CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-PI01 Title Sheet

Strategic Capital Plan - Deferred Maintenance for Infrastructure, Renovations, and Streets

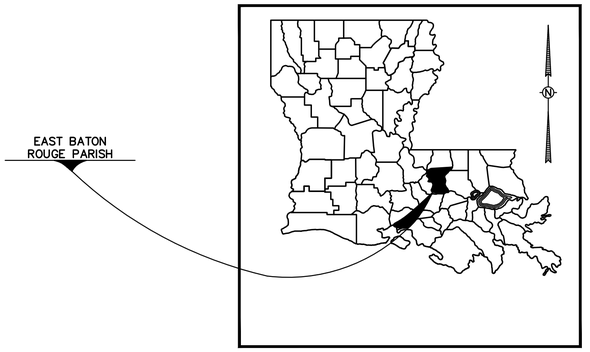
Louisiana State University

Baton Rouge, Louisiana

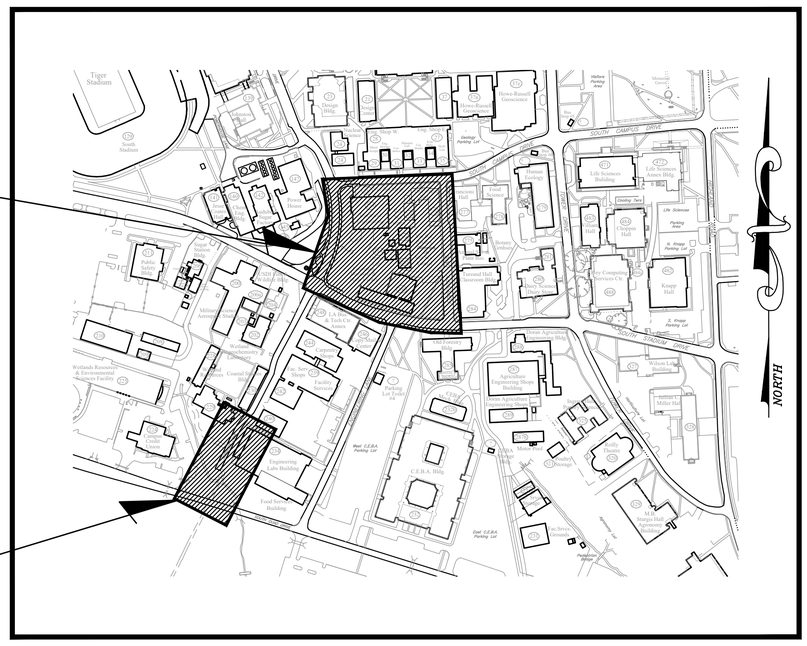
STATE ID: N/A - SITE CODE: 2-17-014

STATE PROJECT NO: 19-601-20-03 / WBS NO. F.19002643

(FORMERLY STATE PROJECT NO. 19-601-21-01 / WBS NO. F.19002535)



VICINITY MAP
N.T.S.



VICINITY MAP

300 0 150 300 600 900

(IN FEET)

State of Louisiana
Jeff Landry, Governor

Division of Administration
Taylor Barras, Commissioner of Administration

Office of Facility, Planning and Control
Roger E. Husser, Jr., Director

LA One Call 811
www.laonecall.com

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811 OR 800-272-3020) AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

TITLE SHEET

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.
T01.00

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CONSTRUCTION DOCUMENTS

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LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
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MECHANICAL & ELECTRICAL ENGINEER:
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5215 ESSEN LANE, SUITE 100
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ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-3B
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SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

INDEX TO SHEETS

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
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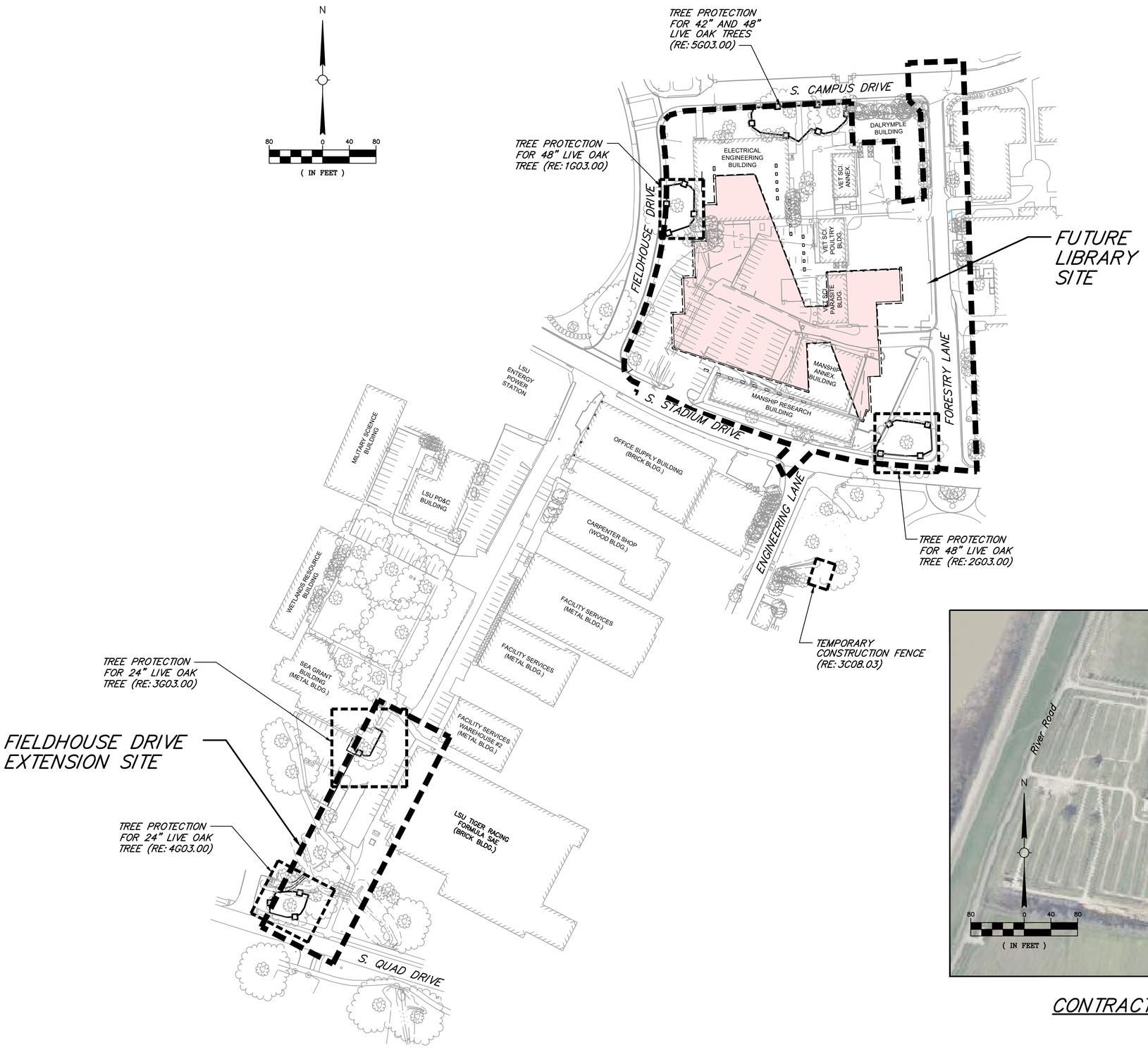

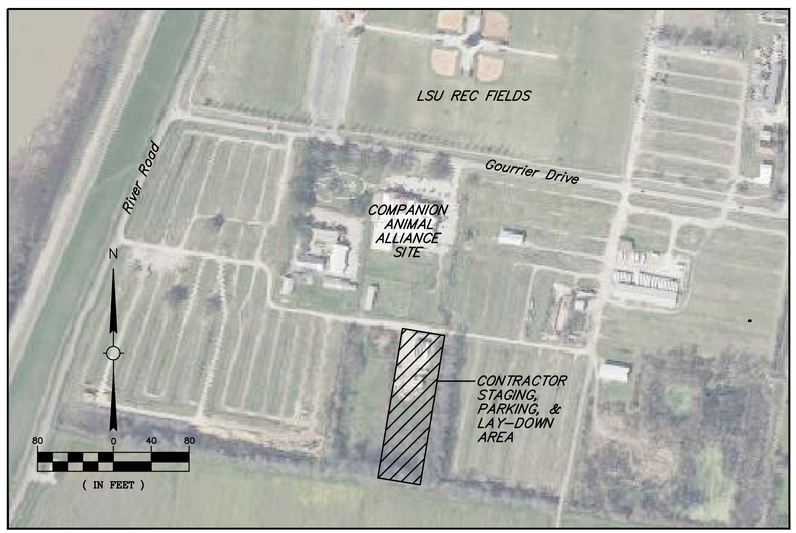

CONTRACTOR STAGING AREA PLAN

R:\2023\2231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2311326C-GN01 OVERALL SITE PLAN

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

OVERALLL SITE PLAN

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEER
06/27/2025

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1"

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G01.00

CONSTRUCTION DOCUMENTS

GENERAL NOTES:

1. CONTRACTOR TO REFER TO TOPOGRAPHIC SURVEY INCLUDED IN THIS PLAN SET.
2. CONTRACTOR TO REFER TO SUB-SURFACE UTILITY ENGINEERING SURVEY INCLUDED IN THIS PLAN SET AND QUALITY LEVEL "A" TEST HOLE REPORTS INCLUDED AS AN APPENDIX OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS.
3. CONTRACTOR TO REFER TO THE ASBESTOS PRE-DESIGN/PRE-DEMOLITION SAMPLING REPORT INCLUDED AS AN APPENDIX OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS.
4. CONTRACTOR TO REFER TO GEOTECHNICAL REPORT INCLUDED AS AN APPENDIX OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR EXISTING SOIL INFORMATION, ADDITIONAL SITE WORK, AND PAVING REQUIREMENTS. GEOTECHNICAL REPORT WAS PREPARED BY PREMIER GEOTECH AND TESTING, LLC, DATED 02/06/2025.
5. CONTRACTOR TO REFER TO WETLANDS FINDING REPORT, THREATENED AND ENDANGERED SPECIES REPORT, AND USACE PRE-CONSTRUCTION NOTIFICATION – NATIONWIDE 14 PERMIT INCLUDED AS AN APPENDIX OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH LSU DESIGN STANDARDS AND SPECIFICATIONS (LATEST EDITION) (https://www.lsu.edu/pdc/ UNDER "RESOURCES"), THE PROJECT SPECIFICATIONS BOOK, LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Standard_Specifications/Pages/Standard%20Specifications.aspx), LADOTD STANDARD PLANS, THESE CONSTRUCTION PLANS (ALONG WITH ANY ADDENDA), AND BE SUBJECT TO OBSERVATION BY THE OWNER'S REPRESENTATIVES. IN THE CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE PROJECT ENGINEER SHOULD BE CONTACTED PROMPTLY. TYPICALLY THE MORE STRINGENT SPECIFICATION SHALL APPLY.
7. AUTHORIZATION TO PROCEED AND A PRE-CONSTRUCTION MEETING ARE REQUIRED BEFORE ANY WORK CAN COMMENCE.
8. THE LSU CAMPUS IS COMMITTED TO PROVIDING CONTINUED UTILITY SERVICES TO ALL FACILITIES IN SUPPORTING ITS STUDENTS, FACULTY, STAFF, AND AUXILIARY FUNCTIONS WHERE ATTAINABLE. IT IS OF UTMOST IMPORTANCE TO ELIMINATE, REDUCE, AND/OR MINIMIZE THE DURATION OF UTILITY SHUTDOWNS AS EFFICIENTLY AS POSSIBLE AND/OR PROVIDE FOR TEMPORARY SUSTAINED UTILITY FUNCTIONS WHEN NECESSARY.
9. THE CHILLED WATER AND STEAM SHUTDOWNS MUST BE COORDINATED TO OCCUR OVER A WEEKEND OR DURING A SEMESTER BREAK.
10. TEMPORARY CONSTRUCTION FENCING IS TO BE INSTALLED AROUND THE ENTIRE CONSTRUCTION SITE DURING CONSTRUCTION. (RE: 3C08.03)
11. STAGING AND PARKING WILL BE WITHIN LIMITS OF CONSTRUCTION. CONTRACTOR IS TO COORDINATE ANY CONSTRUCTION STAGING AND PARKING WITH THE LSU OFFICE OF TRAFFIC AND PARKING. ENSURE THAT A REPRESENTATIVE FROM OFFICE OF TRAFFIC AND PARKING IS INCLUDED AT THE PRECONSTRUCTION MEETING. CONTRACTOR IS TO PROVIDE A DRAWING SHOWING STAGING LOCATION, CONSTRUCTION FENCING TYPE, AND TREE PROTECTION METHODS FOR PRIOR APPROVAL BY LSU PD&C PRIOR TO CONSTRUCTION.
12. CONTRACTOR SHALL CONTACT LSU PARKING (PHONE: (225) 578-5000) TO ACQUIRE CONSTRUCTION PARKING PERMITS. NON-PERMITTED VEHICLES WILL BE TICKETED AND TOWED.
13. CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM FACILITY SERVICES PRIOR TO ANY EXCAVATION, REGARDLESS OF HOW MINOR THE WORK MAY BE PRIOR TO ANY EXCAVATION (INCLUDING HAND DIGGING). CONTACT UTILITY MAINTENANCE MANAGER (MIKE ST. ROMAIN; (225) 578-3186; MSTROM3@LSU.EDU). CONTRACTOR IS TO SUBMIT A UTILITY LOCATE REQUEST FORM (WHICH CAN BE FOUND AT WWW.LSU.EDU/FS BY SELECTING "FORMS" UNDER "ABOUT" DROP-DOWN MENU). CONTRACTOR MUST COMPLETE FORM TWO WEEKS IN ADVANCE OF ANY EXCAVATION.
14. CONTRACTOR SHALL OBTAIN A UTILITY SHUTDOWN PERMIT FROM FACILITY SERVICES PRIOR TO ANY UTILITIES BEING SHUTOFF. CONTACT UTILITY MAINTENANCE MANAGER (MIKE ST. ROMAIN; (225) 578-3186; MSTROM3@LSU.EDU). CONTRACTOR IS TO SUBMIT A UTILITY SHUTDOWN FORM (WHICH CAN BE FOUND AT WWW.LSU.EDU/FS BY SELECTING "FORMS" UNDER "ABOUT" DROP-DOWN MENU). CONTRACTOR MUST COMPLETE FORM TWO WEEKS IN ADVANCE OF ANY UTILITY SHUTDOWN.
15. CONTRACTOR IS TO PROVIDE A CONSTRUCTION DUMPSTER AND IT MUST BE LOCATED IN THE APPROVED STAGING AREA. LSU DUMPSTERS ARE NOT ALLOWED FOR CONTRACTOR USE.
16. CONTRACTOR IS TO COORDINATE ANY TRASH AND DEBRIS CONTAINERS, LANDSCAPE REMOVAL AND EXCAVATION WITH LSU LANDSCAPE SERVICES (ASSISTANT DIRECTOR JEFF BROCATO (225) 578-8857; JBROCATO1@LSU.EDU). ENSURE THAT A REPRESENTATIVE FROM OFFICE OF LANDSCAPE SERVICES IS INCLUDED AT THE PRECONSTRUCTION MEETING.
17. CONTRACTOR SHALL PROVIDE ADEQUATE WORK ZONE PROTECTION FROM UNAUTHORIZED PEDESTRIANS THROUGHOUT CONSTRUCTION.
18. CONTRACTOR SHALL MAINTAIN ADA ACCESS TO AND AROUND THE BUILDING OR WORK ZONE FOR THE ENTIRE DURATION OF THE PROJECT.
19. NO PARKING, STAGING, EQUIPMENT OFFLOADING OR STORAGE, CONCRETE WASH OUT, PAINT BRUSH WASH OUT OR FUELING, IS ALLOWED UNDER THE DRIP LINE OF THE TREES. LSU WILL CONSIDER THIS TO BE DAMAGED PROPERTY, WHEREBY A CONTRACT DE-VALUATION WILL BE PROCESSED DURING SUBSTANTIAL COMPLETION. IF ACCESS UNDER TREES IS REQUIRED IT MUST BE SHOWN ON STAGING PLAN AND/OR APPROVED UTILITY LOCATE REQUEST, WITH WRITTEN APPROVAL OF CAMPUS LANDSCAPE ARCHITECT OR ASSISTANT DIRECTOR OF LANDSCAPE SERVICES.
20. CONTRACTOR MUST PROVIDE NECESSARY PROTECTION TO SIDEWALKS, BUILDINGS, PROPERTY AND UTILITIES FROM EQUIPMENT DAMAGE. CONTRACTOR WILL BE LIABLE FOR ANY DAMAGE TO LSU PROPERTY AND WILL BE ASSESSED FOR THOSE DAMAGES PRIOR TO FINAL ACCEPTANCE.
21. CONTRACTOR SHALL PROTECT ALL SITE DRAINAGE STRUCTURES FROM SOIL OR DEBRIS CONTAMINATION FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL IMMEDIATELY REMOVE ANY MUD OR DEBRIS DEPOSITED ON ROADS OR SIDEWALKS OUTSIDE THE WORK ZONE.
22. BORING, TRENCHING, AND/OR EXCAVATION UNDER DRIP LINES OF ANY TREE MUST BE PRIOR APPROVED BY CAMPUS LANDSCAPE ARCHITECT OR ASSISTANT DIRECTOR OF LANDSCAPE SERVICES, IN ADDITION TO THE REQUIRED APPROVED UTILITY LOCATE REQUEST.
23. CONTRACTORS AND SUB-CONTRACTORS ARE HEREBY NOTIFIED THAT LOUISIANA STATE UNIVERSITY BUILDINGS MAY HAVE EXISTING ASBESTOS-CONTAINING MATERIAL (ACM). BEFORE THE COMMENCEMENT OF ANY WORK ON A PROJECT, TO DETERMINE WHICH REQUIREMENTS OF LAC 33:III.5151 (EMISSION STANDARD FOR ASBESTOS) APPLY, THE OWNER OR OPERATOR OF THE PROJECT SHALL THOROUGHLY INSPECT THE AFFECTED BUILDING OR PART OF THE BUILDING WHERE THE ACTIVITY WILL OCCUR FOR THE PRESENCE OF ASBESTOS. THE INSPECTION SHALL BE PERFORMED BY AN INSPECTOR ACCREDITED BY THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY. AN EXCLUSION FROM AN ASBESTOS INSPECTION IS ALLOWED IF REGULATORY CRITERIA ARE MET. CONTRACTOR TO REFER TO THE ASBESTOS PRE-DESIGN/PRE-DEMOLITION SAMPLING REPORT INCLUDED AS AN APPENDIX OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS.
24. CAUTION SHALL BE TAKEN DURING ALL PHASES OF THE RENOVATION, DEMOLITION, AND CONSTRUCTION PROCESS TO PREVENT ANY CONTACT OR DISTURBANCE OF SUSPECT ACM THAT WAS NOT PREVIOUSLY IDENTIFIED. IF SUSPECT ACM IS DISCOVERED BY A CONTRACTOR THAT WAS NOT PREVIOUSLY IDENTIFIED (ALL PIPE INSULATION WITHIN ENCLOSED WALLS IS EXPECTED TO CONTAIN ASBESTOS), THE CONTRACTOR SHALL: STOP WORK, ASSUME THE MATERIAL CONTAINS ASBESTOS, AND NOTIFY THE SUPERVISOR ON SITE, LSU PDC, AND LSU EHS.
25. LSU HAS REVIEWED THE REQUIREMENTS ESTABLISHED BY LAC 33:III.2705.A.9 OF THE LOUISIANA AIR QUALITY REGULATIONS FOR A SCHOOL'S RESPONSIBILITIES. CONSIDERING AN ASBESTOS ABATEMENT CONTRACTOR REPAIRS AND/OR REMOVES ASBESTOS MATERIALS, LSU HAS DETERMINED THAT NEITHER THE ASBESTOS DESIGNER, NOR THE ASBESTOS INSPECTOR, NOR THE ASBESTOS AIR MONITORING CONTRACTOR OF A PROJECT, SHALL BE AFFILIATED WITH THE ASBESTOS ABATEMENT CONTRACTOR, TO AVOID A CONFLICT OF INTEREST.
26. CONTRACTORS ARE NOTIFIED THAT LOUISIANA STATE UNIVERSITY BUILDINGS MAY HAVE HAZARDOUS MATERIAL. HAZARDOUS MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, LIGHT BULBS, PCB LIGHT BALLAST, PAINT, SOLUTIONS, AND ANY UNKNOWN MATERIAL IN A CONTAINER. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB THEM; IMMEDIATELY NOTIFY THE SUPERVISOR ON SITE, LSU PDC, AND LSU EHS.
27. LSU EHS WILL NEED EQUIPMENT INFORMATION ON ALL PROJECTS THAT AFFECT THE LSU TITLE V AIR PERMIT. EHS WILL NEED DATA ON NEW EQUIPMENT, AND DATA ON MODIFICATION OR REPLACEMENT OF EXISTING EQUIPMENT. EQUIPMENT INCLUDED IN THE REQUEST INCLUDES BOILERS OR WATER HEATERS OPERATED BY NATURAL GAS, GENERATORS OPERATED BY DIESEL OR NATURAL GAS, FUEL OR CHEMICAL STORAGE TANKS, COOLING TOWERS, AND ANY EQUIPMENT WITH AN EXHAUST STACK. THIS INFORMATION SHALL BE REPORTED TO LSU EHS.
28. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO MAKE SURE THEIR SUB-CONTRACTORS ARE AWARE OF THE POSSIBLE PRESENCE OF ACM AND HAZARDOUS MATERIALS.
29. CONTRACTORS PERFORMING HOT WORK SHALL FOLLOW ALL REQUIREMENTS FOUND IN OSHA 29 CFR 1926.352 FIRE PREVENTION. THESE REQUIREMENTS SHALL BE MET WHEN A CONTRACTOR IS PERFORMING ANY OPERATION INVOLVING ELECTRIC OR GAS WELDING, CUTTING, BRAZING, GRINDING, TORCH WORK, OR SIMILAR FLAME OR SPARK-PRODUCING OPERATIONS WITHIN 35 FEET OF LSU BUILDINGS OR OTHER COMBUSTIBLE/FLAMMABLE MATERIAL ON CAMPUS.
30. CONTRACTORS SHALL NOTIFY PDC AND LSU EHS OF ALL HOT WORK THAT IS PLANNED FOR THEIR SCOPE OF WORK. THE PLANNED CONSTRUCTION AREA WILL BE DESIGNATED A HOT WORK AREA FOR THE DURATION OF THE PROJECT AND THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING FIRE PREVENTION METHODS FOR THEIR HOT WORK AND MAINTAINING THOSE FIRE PREVENTION METHODS UNTIL ALL HOT WORK IS COMPLETE. ANY HOT WORK THAT NEEDS TO HAPPEN OUTSIDE OF THE PLANNED CONSTRUCTION AREA AND STILL ON CAMPUS WILL REQUIRE A HOT WORK PERMIT FROM THE LSU EHS.
    CONTACT PHONE NUMBERS:
    LSU EHS: (225) 578-5640
    LSU FACILITY SERVICES: (225) 578-1265
31. CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF PROJECT PLANS AND A COMPLETE SET OF CONTRACT DOCUMENTS ON THE JOB SITE AT ALL TIMES.
32. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A NOTICE OF INTENT (NOI) TO THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY CONTROLLING STORM WATER RUNOFF DURING CONSTRUCTION IN ACCORDANCE WITH THE LPDES REQUIREMENTS.

GENERAL NOTES (CONTINUED):

33. A PERMIT FOR DISCHARGES OF STORM WATER FROM CONSTRUCTION ACTIVITIES MAY BE REQUIRED FOR THIS PROJECT. PRIOR TO ANY DEMOLITION, GRUBBING, STRIPPING, STOCKPILING, EXCAVATION, EMBANKMENT OR OTHER GRADING ACTIVITIES. THE PROJECT ENGINEER AND OWNER SHALL BE PROVIDED WITH AN APPROVED COPY OF THE CONTRACTOR'S STORM WATER MANAGEMENT PLAN AND PERMIT FOR THE PROJECT, IF REQUIRED.
34. SEDIMENT AND EROSION CONTROLS SHALL BE INSTALLED TO MEET THE PERMIT REQUIREMENTS, LADOTD SPECIFICATION AND STANDARD PLANS EC-01. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND FIX THE DEVICES AFTER EVERY MAJOR STORM EVENT AND TO REMOVE THE TEMPORARY CONTROLS AFTER DISTURBED AREAS ARE FINALLY STABILIZEDX
35. THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF AND THE ACTUAL LOCATION OF SUCH, WHETHER SHOWN HEREON OR NOT, PRIOR TO ANY DEMOLITION, EXCAVATION, OR GRADING OPERATIONS. THE CONTRACTOR IS TO CONTACT LOUISIANA ONE CALL AND THE OWNER (LSU FACILITY SERVICES, MIKE ST. ROMAIN, (225) 578-3186, MSTROM3@LSU.EDU) TO OBTAIN AN EXCAVATION PERMIT FOR THE LOCATION OF UTILITIES PRIOR TO COMMENCEMENT OF WORK.
36. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ADEQUATE CONSTRUCTION SIGNING AND BARRICADES WHERE REQUIRED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PREVENT DAMAGE OR INJURY WHERE PAVEMENT IS BEING REMOVED OR ALTERED. THE CONTRACTOR SHALL INSTALL TEMPORARY FENCING AND PLACE DETOUR SIGNAGE IN LOCATIONS WHERE PEDESTRIAN TRAFFIC IS PROHIBITED DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN ALL NECESSARY BARRICADES, FLAGGING, SUITABLE LIGHTS, DANGER SIGNALS AND OTHER TRAFFIC CONTROL DEVICES, AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR PROTECTION OF THE WORK AND SAFETY OF THE GENERAL PUBLIC, STUDENTS, FACULTY, EMPLOYEES, AND VISITORS TO THE CAMPUS.
37. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (TCP) AND ACCESS PLAN TO THE PROJECT ENGINEER AND OWNER FOR REVIEW AND APPROVAL BEFORE ANY CONSTRUCTION STARTS. THESE PLANS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES EXCEPT AS AMENDED BY THE OFFICE OF PARKING AND TRANSPORTATION SERVICES.
38. CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND PARKING WITH THE LSU OFFICE OF PARKING & TRANSPORTATION SERVICES.
39. THE CONTRACTOR SHALL SUBMIT A PROJECT CONSTRUCTION SCHEDULE TO THE PROJECT ENGINEER AND OWNER FOR REVIEW AND APPROVAL BEFORE ANY CONSTRUCTION BEGINS.
40. CONTRACTOR SHALL SUBMIT A TREE PROTECTION PLAN AND HEAVY EQUIPMENT STAGING PLAN FOR PRIOR APPROVAL.
41. ROAD CLOSURES DURING SCHOOL HOURS AND SPECIAL EVENTS ARE DISCOURAGED. ANY DISRUPTION TO TRAFFIC WILL REQUIRE PRIOR AUTHORIZATION FROM THE OFFICE OF PARKING AND TRANSPORTATION SERVICES, LSU POLICE DEPARTMENT, AND APPROVAL FROM THE PROJECT ENGINEER AND OWNER.
42. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH (OSHA) REGULATIONS DURING THE PERFORMANCE OF THE PROJECT. SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER AND THE OWNER ARE NOT RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE PROJECT SITE, NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY WITH ANY REGULATIONS RELATION THERETO.
43. THE CONTRACTOR SHALL OBTAIN, AT HIS/HER EXPENSE, ALL PERMITS THAT ARE REQUIRED TO PERFORM THE WORK. PERMITS SHALL BE OBTAINED A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION.
44. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE OWNER WITH PRE-CONSTRUCTION PHOTOGRAPHS OR VIDEOS OF ALL CONSTRUCTION AREAS PRIOR TO BEGINNING ANY WORK.
45. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL DAMAGE TO ANY FACILITY, EQUIPMENT, CABLE, WIRE, PAVEMENT, CURBS, EXISTING LAWNS, LANDSCAPED AREAS, SIDEWALKS, FENCES, UTILITIES OR OTHER STRUCTURE CAUSED BY HIS OPERATION WITH ACCEPTABLE SUITABLE MATERIALS TO ORIGINAL (PRE-CONSTRUCTION) OR BETTER CONDITION AND TO THE SATISFACTION OF THE PROJECT ENGINEER, AT NO COST TO THE OWNER.
46. OBSERVATIONS OF THE WORK IN PROCESS AND/OR FIELD TESTING PERFORMED BY THE OWNER'S REPRESENTATIVES OR PROJECT ENGINEER SHALL IN NO WAY EXCUSE THE CONTRACTOR FOR DEFECTS DISCOVERED IN HIS WORK.
47. ACCESS TO ALL EXISTING DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES, UNLESS NOTED OTHERWISE.
48. CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A LOUISIANA LICENSED PROFESSIONAL LAND SURVEYOR, UNLESS APPROVED OTHERWISE BY THE PROJECT ENGINEER AND OWNER.
49. ALL DIMENSIONS SHOWN HEREON ARE DESIGN DIMENSIONS AND SHOULD BE FOLLOWED TO THE NEAREST PRACTICAL LIMITS IN THE FIELD AS DETERMINED BY THE ENGINEER, IF TOLERANCES ARE NOT OTHERWISE STATED.
50. CONTRACTOR SHALL NOT SCALE DRAWINGS FOR CONSTRUCTION. ANY MISSING DIMENSIONS OR DISCREPANCIES IN PLANS, FIELD STAKING OR PHYSICAL FEATURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IF CONTRACTOR PROCEEDS WITH THE WORK WITHOUT NOTIFYING THE ENGINEER, HE DOES SO AT HIS OWN RISK.
51. WHERE REQUIRED THE CONTRACTOR SHALL COLD PLANE AREAS DESIGNATED ON PLANS, OR AT TIE-INS TO EXISTING PAVEMENT TO MINIMUM DEPTH OF 1-1/2" OR AS DESIGNATED BY THE ENGINEER TO ACCOMMODATE A SMOOTH TRANSITION. COLD PLANING FOR ASPHALT TRANSITIONS SHALL BE CONSIDERED INCIDENTAL AND AT NO DIRECT PAY.
52. THE CONTRACTOR SHALL AT ALL TIMES KEEP A SEPARATE, FULL SET OF CONTRACT DRAWINGS MARKED UP FULLY TO INDICATE AS-BUILT CONDITIONS. SAID DRAWINGS SHALL BE PROVIDED TO THE ENGINEER AND OWNER UPON COMPLETION OF THE WORK PRIOR TO FINAL ACCEPTANCE.
53. NON-PAVED AREAS OUTSIDE THE EDGE OF PAVEMENT TO BE FILLED/CUT (AS SHOWN ON CROSS SECTION SHEETS) AND GRADED FOR POSITIVE DRAINAGE.
54. CUT AND/OR FILL SLOPES SHALL BE SHOWN ON THE PLANS BUT SHALL NOT EXCEED 3 HORIZONTAL FEET TO 1 FOOT VERTICAL.
55. AFTER PAVED AREAS HAVE BEEN ROUGH GRADED, TESTING LAB SHALL TAKE SOIL SAMPLES AND RUN LABORATORY TESTS TO DETERMINE PROPER % OF COMPACTION PRIOR TO PLACEMENT OF LIMESTONE BASE.
56. ALL SALVAGEABLE MATERIALS TO BE HAULED TO AN AREA DESIGNATED BY THE OWNER. ALL OTHER MATERIALS TO BE HAULED OFF-SITE AND DISPOSED OF BY THE CONTRACTOR.
57. PROVIDE PHOTOS OF ALL NEW UNDERGROUND MATERIALS, SUPPORTS, CONNECTIONS, ANCHORS, ETC. TO THE UNIVERSITY ON A WEEKLY BASIS. COORDINATE WITH UNIVERSITY FOR DELIVERY METHOD OF PHOTOS. AT MINIMUM, PROVIDE (4) PHOTOS OF EACH INSTALLATION, ONE FROM EACH OF THE NORTH-EAST-SOUTH-WEST HEADINGS.
58. LSU CANNOT SHUT DOWN MORE THAN ONE STREET AT A TIME. THE ANTICIPATED SEQUENCE OF CONSTRUCTION AND PHASING FOR WORK ASSOCIATED WITH DEMOLITION OF BUILDINGS AND SHUTTING DOWN STREETS AND UTILITIES WILL BE COORDINATED WITH THE CMAR CONTRACTOR. PER THE FP&C REVIEW COMMENT LETTER DATED 06/16/2025, THE CONSTRUCTION PERIOD FOR THE INFRASTRUCTURE PACKAGE IS ESTIMATED AS FOLLOWS BASED ON THE PLANNED DATES FOR THE VACANCY OF BUILDINGS TO BE ABATED AND DEMOLISHED:
    JANUARY 2026 TO JUNE 2026 – CONSTRUCTION OF UTILITIES, ROADS, AND SIDEWALKS FOR FORESTRY LANE AND FIELD HOUSE DRIVE EXTENSION
    MAY 2026 TO NOVEMBER 2026 – ABATEMENT AND DEMOLITION OF THE MANSHIP BUILDING AND 3 ANIMAL SCIENCES (AG) BUILDINGS WITH THE CONSTRUCTION OF UTILITIES AND DRAINAGE
    DECEMBER 2026 TO MARCH 2027 – ABATEMENT AND DEMOLITION OF THE ELECTRICAL ENGINEERING BUILDING AND UTILITIES
59. ALL CAMPUS FACILITIES USED BY THE CONTRACTOR DURING CONSTRUCTION ARE TO BE RETURNED TO THE CONDITION IN WHICH THEY WERE FOUND PRIOR TO THE START OF CONSTRUCTION. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR IS TO PROVIDE VIDEO AND PHOTOGRAPHS SHOWING THE PRE-CONSTRUCTION CONDITION OF ALL AREAS USED DURING CONSTRUCTION. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR MITIGATING DAMAGE AT THEIR OWN COST.

THE ANTICIPATED SEQUENCE OF CONSTRUCTION WILL BE AS FOLLOWS:

1. BEGIN CONSTRUCTION OF THE FIELDHOUSE DRIVE EXTENSION ROAD FROM SOUTH QUAD DRIVE TO THE SEA GRANT BUILDING AND CLOSE FORESTRY LANE FROM SOUTH CAMPUS DRIVE TO SOUTH STADIUM DRIVE. DEMOLISH THE ROAD AND SIDEWALKS ALONG FORESTRY LANE. CONSTRUCT CHILLED WATER LINES, STEAM LINES, GAS LINES, SEWER LINE, AND DRAINAGE LINES WITHIN THE FORESTRY LANE CORRIDOR AND EXTEND THESE UTILITY LINES AS FAR WEST AS POSSIBLE, WITHOUT INTERFERING WITH THE USE OF ANY OF THE BUILDINGS ON SITE. THIS WORK WOULD NEED TO BE PERFORMED FOR THE SHUTDOWN OF THE CHILLED WATER SYSTEM DURING THE SEMESTER BREAK IN MAY OR JUNE 2026.
2. AFTER THE COMPLETION OF THE SPRING SEMESTER AND THE TRANSFER OF STAFF FROM THE MANSHIP AND AG BUILDINGS, PERFORM THE ABATEMENT AND DEMOLITION OF THE MANSHIP AND AG BUILDINGS TO CONSTRUCT THE NEW STEAM LINE FROM THE WEST SIDE OF THE LIBRARY SITE TO THE EAST SIDE OF THE LIBRARY SITE. DEMOLISH THE EXISTING DRAINAGE SYSTEM ON THE LIBRARY SITE AND CONSTRUCT THE NEW DRAINAGE SYSTEM AS FAR NORTH AS THE WEST SIDE OF THE EXISTING SEWER MANHOLE AT THE SOUTHWEST CORNER OF THE ELECTRICAL ENGINEERING BUILDING. DEMOLISH ALL EXISTING PAVEMENT AND UTILITIES ON THE LIBRARY SITE THAT DO NOT INTERFERE WITH THE USE OF THE ELECTRICAL ENGINEERING BUILDING. CONSTRUCT ALL SEWER, WATER, GAS, AND CHILLED WATER UTILITIES TO THE DALRYMPLE BUILDING. THIS WORK WOULD NEED TO BE PERFORMED BETWEEN MAY 2026-NOVEMBER 2026.
3. AFTER THE COMPLETION OF THE FALL SEMESTER AND THE TRANSFER OF STAFF FROM THE ELECTRICAL ENGINEERING BUILDING, PERFORM THE ABATEMENT AND DEMOLITION OF THE ELECTRICAL ENGINEERING BUILDING AND ALL REMAINING UTILITIES ON SITE BETWEEN DECEMBER 2026 TO MARCH 2027. THE EXISTING SEWER MANHOLE AT THE SOUTHWEST CORNER OF THE ELECTRICAL ENGINEERING BUILDING WOULD NEED TO BE REMOVED AND THE DOWNSTREAM LINE PLUGGED AND FILLED WITH FLOWABLE FILL. THE DRAINAGE SYSTEM CONSTRUCTION COULD THEN BE COMPLETED AND SITE GRADED TO DRAIN. THE STEAM LINE WOULD THEN BE SHUTDOWN AND NEW STEAM LINES TIED IN TO COMPLETE THE CONSTRUCTION OF THE LIBRARY SITE. THE FORESTRY LANE SIDEWALK RECONSTRUCTON CAN OCCUR ONCE ALL UTILITY CONNECTONS ARE MADE IN THAT AREA.

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

GENERAL NOTES

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING.
ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

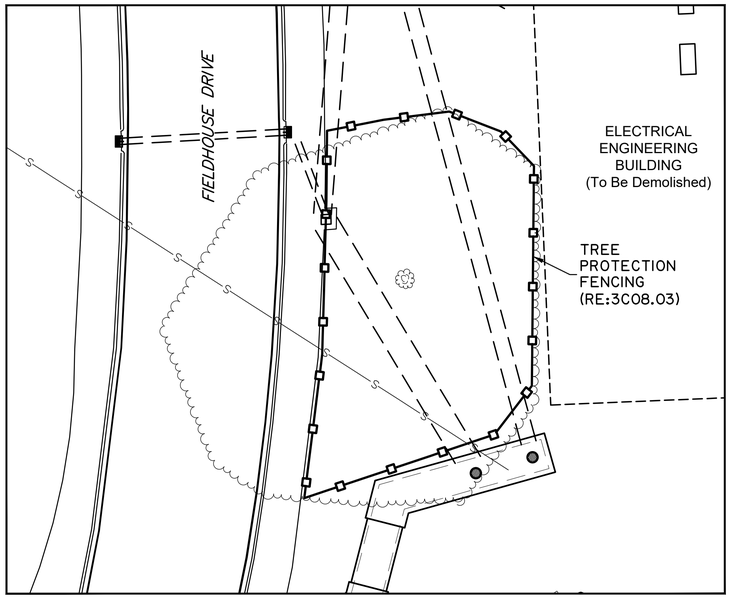
DRAWN BY: CAT

CHECKED BY: ABH

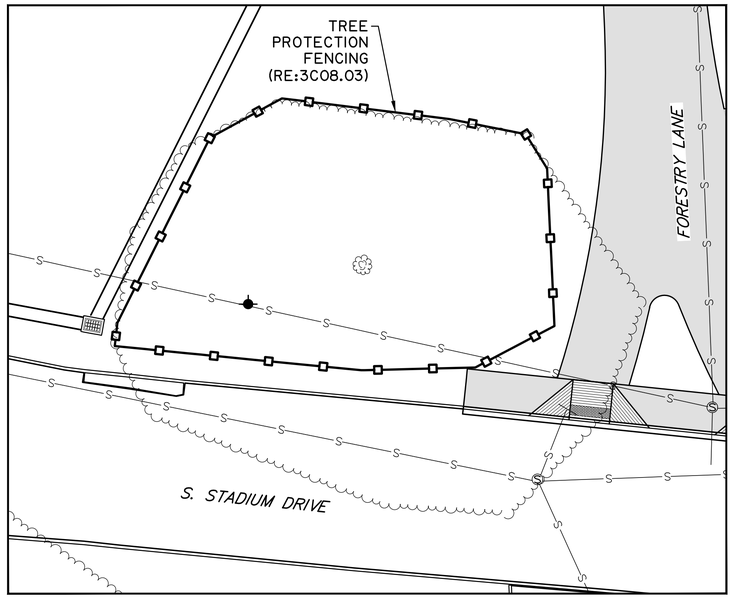
DATE: 06/27/2025

SHEET NO.
G02.00

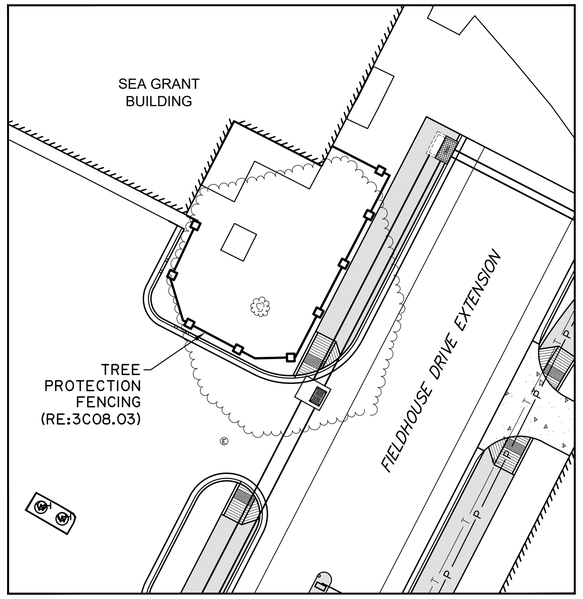
CONSTRUCTION DOCUMENTS



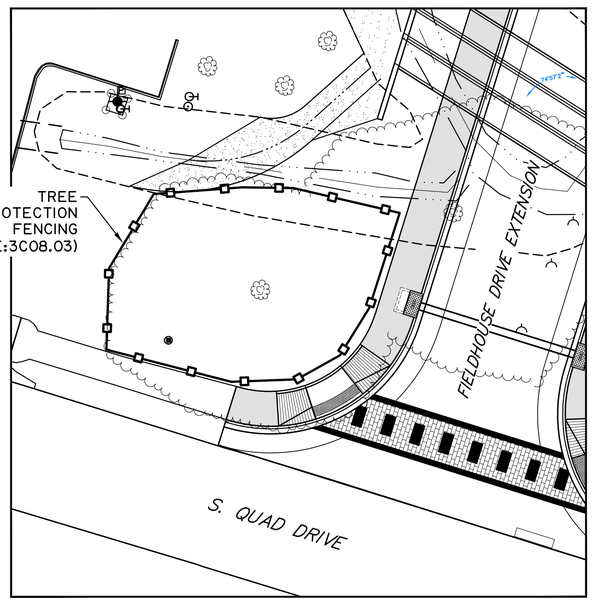
1 FIELDHOUSE DRIVE – 48" LIVE OAK



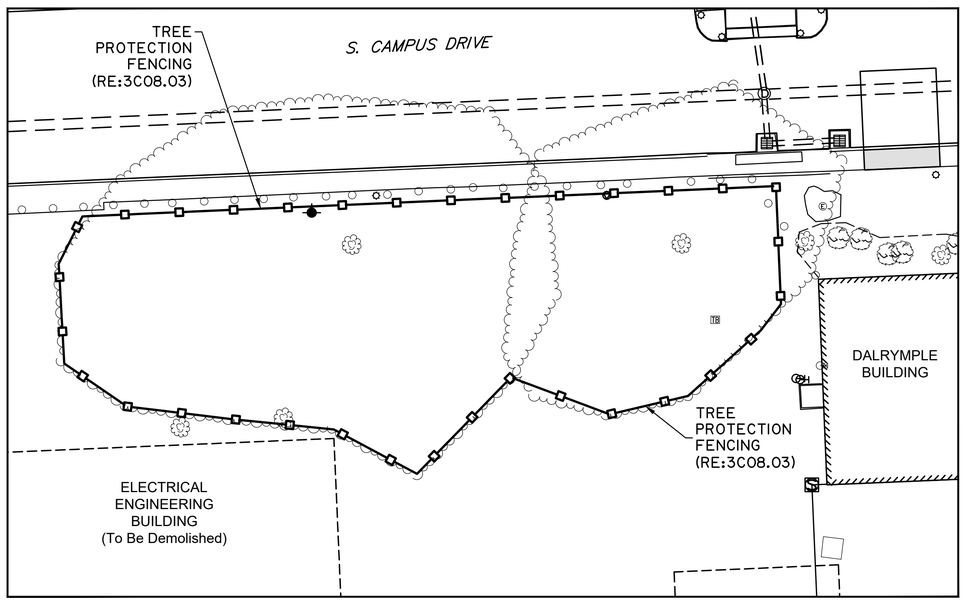
2 S. STADIUM DRIVE/FORESTRY LANE INTERSECTION – 48" LIVE OAK



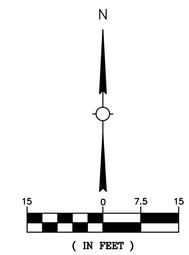
3 FIELDHOUSE DRIVE EXTENSION – 24" OAK



4 S. QUAD DRIVE/FIELDHOUSE DRIVE EXTENSION – 24" OAK



5 S. CAMPUS DRIVE – 48" LIVE OAK & 42" LIVE OAK



LEGEND:

TREE PROTECTION FENCING (RE:3C08.03)

NOTES:

1. THESE PLANS ONLY ADDRESS LANDSCAPE DEMOLITION. SEE ARCHITECT & CIVIL PLANS FOR ALL OTHER DEMOLITION INFORMATION.
2. ALL TREES SCHEDULED TO REMAIN SHALL BE FLAGGED BY CONTRACTOR AND APPROVED PRIOR TO SITE DEMOLITION ACTIVITIES.
3. ALL TREES NOT INDICATED TO BE PROTECTED SHALL BE REMOVED.

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
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GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

TREE PRESERVATION PLAN

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.

G03.00

R:\2023\2313326 - FF&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313326C-G03.00 TREE PRESERVATION

CONSTRUCTION DOCUMENTS

SITE NOTES:

1. OBTAIN AN EXCAVATION PERMIT FROM FACILITY SERVICES PRIOR TO ANY EXCAVATION, REGARDLESS OF HOW MINOR THE WORK MAY BE, INCLUDING HAND DIGGING. CONTACT UTILITY MAINTENANCE MANAGER (MIKE ST. ROMAIN; 225-578-3186; mstrom3@lsu.edu).
2. COORDINATE ALL CONSTRUCTION STAGING AND PARKING WITH THE LSU OFFICE OF TRAFFIC AND PARKING (225-578-5000). ENSURE THAT A REPRESENTATIVE FROM THE OFFICE OF TRAFFIC AND PARKING SHALL IS INCLUDED AT THE PRE-CONSTRUCTION MEETING. AT THE PRE-CONSTRUCTION MEETING, CONTRACTOR SHALL PROVIDE A DRAWING FOR REVIEW AND APPROVAL, INDICATING STAGING LOCATION, CONSTRUCTION FENCING, AND TREE PROTECTION METHODS.
3. COORDINATE ANY TRASH AND DEBRIS CONTAINERS, LANDSCAPE REMOVAL AND EXCAVATION WITH LSU LANDSCAPE SERVICES (ASSISTANT DIRECTOR JEFF BROCATO (225) 578-8857; JBROCATO1@LSU.EDU). ENSURE THAT A REPRESENTATIVE FROM OFFICE OF LANDSCAPE SERVICES IS INCLUDED AT THE PRECONSTRUCTION MEETING.
4. FOR WORK OR STAGING IN OR AROUND TREES, ACCURATE DRIP CANOPY DRIP LINES MUST BE SHOWN PRIOR TO SITE PLAN APPROVAL.
5. CONTRACTOR MUST PROVIDE ADEQUATE WORK ZONE PROTECTION FROM UNAUTHORIZED PEDESTRIAN ACCESS.
6. MAINTAIN ADA ACCESS TO AND AROUND THE BUILDING OR WORK ZONE FOR THE ENTIRE DURATION OF THE PROJECT.
7. NO PARKING, STAGING, EQUIPMENT OFFLOADING OR STORAGE, CONCRETE WASH OUT, PAINT BRUSH WASH OUT, OR FUELING WILL BE ALLOWED UNDER THE DRIP LINE OF TREES. LSU WILL CONSIDER THIS A DAMAGE TO PROPERTY WHEREBY A DE-VALUATION WILL BE DETERMINED AND PROCESSED DURING SUBSTANTIAL COMPLETION. IF ACCESS UNDER TREES IS REQUIRED, IT MUST BE SHOWN ON THE STAGING PLAN AND/OR APPROVED UTILITY LOCATE REQUEST WITH WRITTEN APPROVAL OF CAMPUS LANDSCAPE ARCHITECT OR ASSISTANT DIRECTOR OF LANDSCAPE SERVICES.
8. CONTRACTOR MUST PROVIDE NECESSARY PROTECTION TO SIDEWALKS, BUILDINGS, PROPERTY, AND UTILITIES FROM EQUIPMENT DAMAGE. CONTRACTOR WILL BE LIABLE FOR ANY DAMAGE TO LSU PROPERTY AND BE ASSESSED PRIOR TO FINAL ACCEPTANCE.
9. PROTECT ALL SITE DRAINAGE STRUCTURES FROM SOIL OR DEBRIS CONTAMINATION FOR THE DURATION OF THE PROJECT. REMOVE IMMEDIATELY ANY MUD OR DEBRIS DEPOSITED ON ROADS OR SIDEWALKS OUTSIDE OF WORK ZONE.
10. BORING, TRENCHING, AND/OR EXCAVATION UNDER DRIP LINES OF ANY TREES MUST BE PRIOR APPROVED BY CAMPUS LANDSCAPE ARCHITECT OR ASSISTANT DIRECTOR OF LANDSCAPE SERVICES IN ADDITION TO REQUIRED APPROVED UTILITY LOCATE REQUEST.
11. OTHER THAN UTILITIES LOCATED WITHIN THE DRIPLINE OF EXISTING TREES, ANY UTILITIES THAT ARE DISCONNECTED OR DEMOLISHED UNDER THE SCOPE OF THIS WORK SHALL BE REMOVED IN THEIR ENTIRETY. UTILITIES WITHIN THE DRIP LINE OF EXISTING TREES SHALL BE ABANDONED IN PLACE. NO OTHER EXISTING UTILITY OF UTILITY STRUCTURE SHALL BE ABANDONED IN PLACE WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.
12. WHERE ROOT PRUNING IS REQUIRED, THE CONTRACTOR SHALL EMPLOY A LICENSED ARBORIST TO PERFORM THE WORK, UNDER THE SUPERVISION OF LSU LANDSCAPE SERVICES.
13. FOR ANY WORK WITHIN 18" OF AN EXISTING GAS LINE, A REPRESENTATIVE OF LSU UTILITIES MUST BE ON SITE DURING THE ENTIRE CONSTRUCTION ACTIVITY.
14. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY INVERTS PRIOR TO BEGINNING ANY SITE WORK SHOWN IN THE DRAWINGS. ANY CORRECTIONS TO NEWLY CONSTRUCTED ITEMS DUE TO EXISTING INVERT DISCREPANCIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
15. CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM FACILITY SERVICES PRIOR TO ANY EXCAVATION, REGARDLESS OF HOW MINOR THE WORK MAY BE PRIOR TO ANY EXCAVATION (INCLUDING HAND DIGGING). CONTACT UTILITY MAINTENANCE MANAGER (MIKE ST. ROMAIN; (225) 578-3186; MSTROM3@LSU.EDU). CONTRACTOR IS TO SUBMIT A UTILITY LOCATE REQUEST FORM (WHICH CAN BE FOUND AT WWW.LSU.EDU/FS BY SELECTING "FORMS" UNDER "ABOUT" DROP-DOWN MENU). CONTRACTOR MUST COMPLETE FORM TWO WEEKS IN ADVANCE OF ANY EXCAVATION.
16. CONTRACTOR SHALL OBTAIN A UTILITY SHUTDOWN PERMIT FROM FACILITY SERVICES PRIOR TO ANY UTILITIES BEING SHUTOFF. CONTACT UTILITY MAINTENANCE MANAGER (MIKE ST. ROMAIN; (225) 578-3186; MSTROM3@LSU.EDU). CONTRACTOR IS TO SUBMIT A UTILITY SHUTDOWN FORM (WHICH CAN BE FOUND AT WWW.LSU.EDU/FS BY SELECTING "FORMS" UNDER "ABOUT" DROP-DOWN MENU). CONTRACTOR MUST COMPLETE FORM TWO WEEKS IN ADVANCE OF ANY UTILITY SHUTDOWN.

DEMOLITION NOTES:

1. CONTRACTOR RESPONSIBLE FOR THE PROTECTION OF ANY REMAINING STRUCTURES OR PAVING. ANY DAMAGE TO REMAINING STRUCTURES OR PAVING SHALL BE REPAIRED BY CONTRACTOR AT NO EXPENSE TO OWNER. ANY REPAIRS SHALL MEET OR EXCEED THE ORIGINAL CONDITIONS OF THE DAMAGED AREA(S) AND SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER OR THE OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL PROVIDE MATS OR OTHER PROTECTION FOR EXISTING CONCRETE PAVING OR ASPHALT.
3. CONTRACTOR SHALL VERIFY WITH L.A. AND OWNER ALL EXISTING CONCRETE PATHWAYS WITHIN THE LIMIT OF WORK TO BE REMOVED.
4. CONTRACTOR SHALL VERIFY WITH L.A. AND OWNER ALL EXISTING TREES WITHIN THE LIMIT OF WORK TO BE REMOVED.
5. ALL EXISTING VEGETATION AND TREES, EXCEPT LIVE OAKS, SHALL BE REMOVED AS INDICATED. ANY MISCELLANEOUS VEGETATION NOT INDICATED ON DEMOLITION PLAN SHALL BE DOCUMENTED AND REMOVED AFTER RECEIVING APPROVAL BY LANDSCAPE ARCHITECT.
6. LIVE OAKS SHALL RECEIVE TREE PROTECTION FENCING THROUGHOUT CONSTRUCTION. SEE SPECIFICATIONS AND TREE PROTECTION DETAIL ON SHEET L1.3 FOR INFORMATION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY SUBSURFACE OBSTRUCTIONS THAT MAY INTERFERE WITH PROPOSED IMPROVEMENTS, AND ANY UNFORESEEN ITEMS ENCOUNTERED DURING EXCAVATION SHALL BE REPORTED TO THE L.A. AND OWNER PRIOR TO ANY ACTION.

ENVIRONMENTAL HEALTH & SAFETY NOTES:

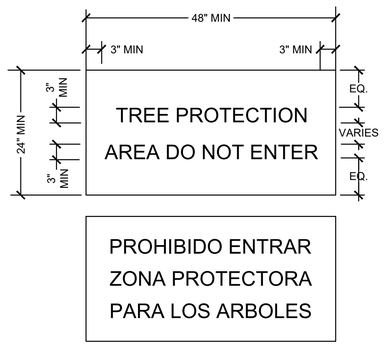
1. CONTRACTOR IS NOTIFIED THAT LOUISIANA STATE UNIVERSITY BUILDINGS MAY HAVE EXISTING ASBESTOS CONTAINING MATERIALS (ACM). PRIOR TO COMMENCEMENT OF ANY WORK ON A PROJECT, TO DETERMINE WHICH REQUIREMENTS OF LAC 33:III.5151 (EMISSION STANDARD FOR ASBESTOS) APPLY, THE OWNER OR OPERATOR OF DEMOLITION OR RENOVATION SHALL THOROUGHLY INSPECT AFFECTED BUILDING OR PART OF BUILDING WHERE ACTIVITY WILL OCCUR FOR THE PRESENCE OF ASBESTOS. THE INSPECTION SHALL BE PERFORMED BY AN INSPECTOR ACCREDITED BY LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY. THE INSPECTION WILL IDENTIFY ALL ASBESTOS CONTAINING MATERIAL, AND ALL SUSPECT (FOR ASBESTOS) MATERIAL INVOLVED IN SCOPE OF WORK. ALL SUSPECT (FOR ASBESTOS) MATERIAL IS ASSUMED TO BE ASBESTOS CONTAINING, AND SHALL BE HANDLED AS ASBESTOS CONTAINING UNLESS SAMPLING PROVES OTHERWISE. ONCE INSPECTION IS COMPLETE, COPY OF INSPECTION REPORT SHALL BE PROVIDED TO LSU PDC AND LSU EHS.
2. CAUTION SHALL BE TAKEN DURING ALL PHASES OF THE RENOVATION, DEMOLITION, AND CONSTRUCTION PROCESS TO PREVENT ANY CONTACT OR DISTURBANCE OF SUSPECT ACM THAT WAS NOT PREVIOUSLY IDENTIFIED. IF SUSPECT ACM IS DISCOVERED BY A CONTRACTOR WHICH WAS NOT PREVIOUSLY IDENTIFIED (ALL PIPE INSULATION WITHIN ENCLOSED WALLS IS EXPECTED TO CONTAIN ASBESTOS), THE CONTRACTOR SHALL: STOP WORK, ASSUME THE MATERIAL CONTAINS ASBESTOS, AND NOTIFY LSU EHS BY TELEPHONE AT 225-578-0534 OR 225-578-5146 AND ALSO VIA EMAIL: mcobb9@lsu.edu.
3. IF THE MATERIAL IS ASBESTOS CONTAINING, TWO NOTIFICATIONS TO LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) ARE REQUIRED IN ACCORDANCE WITH LAC 33:III.5151.F.2.d.xvi & e. THE NOTIFICATION TO LDEQ SHALL BE PROVIDED AS SOON AS POSSIBLE. THE NOTIFICATION SHALL INCLUDE DATE AND HOUR UNEXPECTED SUSPECT ASBESTOS MATERIAL WAS DISCOVERED.
   NOTIFICATIONS:
   LDEQ OFFICE OF ENVIRONMENTAL SERVICES:
   DEQ.AsbestosNotifications@la.gov
   LDEQ REGIONAL OFFICE RESPONSIBLE FOR INSPECTING PROJECT (IF APPLICABLE): CROasbestos_admin@la.gov
4. AT THE COMPLETION OF ANY RENOVATION OF A SPACE OR NEW CONSTRUCTION, THE ARCHITECT SHALL PROVIDE A SIGNED STATEMENT THAT NO ASBESTOS CONTAINING BUILDING MATERIALS (ACBM) WAS SPECIFIED AS A BUILDING MATERIAL IN ANY CONSTRUCTION DOCUMENTS, OR TO THE BEST OF HIS OR HER KNOWLEDGE, NO ACBM WAS USED AS A BUILDING MATERIAL IN THE SPACE OR BUILDING. THIS IS IN ACCORDANCE WITH LAC 33:III.2735.A.7 – EXCLUSIONS, AND A COPY SHALL BE SUBMITTED TO LSU EHS FOR FILING IN THE LSU ASBESTOS MANAGEMENT PLAN
5. CONTRACTORS ARE NOTIFIED THAT LOUISIANA STATE UNIVERSITY BUILDINGS MAY HAVE HAZARDOUS MATERIAL. HAZARDOUS MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, LIGHT BULBS, PCB LIGHT BALLAST, PAINT, SOLUTIONS, AND ANY UNKNOWN MATERIAL IN A CONTAINER. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY LSU EHS BY TELEPHONE AT 225-578-5146 OR 225-578-5640 AND ALSO VIA EMAIL: lpepitone@lsu.edu.
6. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO MAKE SURE THEIR SUBCONTRACTORS ARE AWARE OF THE POSSIBLE PRESENCE OF ASBESTOS CONTAINING AND HAZARDOUS MATERIALS.
7. LSU EHS WILL NEED EQUIPMENT INFORMATION ON ALL PROJECTS THAT AFFECT THE LSU TITLE V AIR PERMIT. EHS WILL NEED DATA ON NEW EQUIPMENT, AND DATA ON MODIFICATIONS OR REPLACEMENT OF EXISTING EQUIPMENT. EQUIPMENT INCLUDED IN THE REQUEST INCLUDE: BOILERS OR WATER HEATERS OPERATED BY NATURAL GAS, GENERATORS OPERATED BY DIESEL OR NATURAL GAS, FUEL OR CHEMICAL STORAGE TANKS, COOLING TOWERS, AND ANY EQUIPMENT WITH AN EXHAUST STACK. THIS INFORMATION SHALL BE REPORTED TO LISA PEPITONE; 225-578-5146; lpepitone@lsu.edu.
8. CONTRACTORS PERFORMING HOT WORK SHALL FOLLOW ALL REQUIREMENTS FOUND IN OSHA 29 CFR 1926.352 FIRE PREVENTION. THESE REQUIREMENTS SHALL BE MET WHEN A CONTRACTOR IS PERFORMING ANY OPERATION INVOLVING ELECTRIC OR GAS WELDING, CUTTING, BRAZING, GRINDING, TORCH WORK, OR SIMILAR FLAME OR SPARK-PRODUCING OPERATIONS WITHIN 35 FEET OF LSU BUILDINGS OR OTHER COMBUSTIBLE/FLAMMABLE MATERIAL ON CAMPUS.
9. CONTRACTORS SHALL NOTIFY PDC AND LSU EHS OF ALL HOT WORK THAT IS PLANNED FOR THEIR SCOPE OF WORK. THE PLANNED CONSTRUCTION AREA WILL BE DESIGNATED A HOT WORK AREA FOR THE DURATION OF THE PROJECT AND THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING FIRE PREVENTION METHODS FOR THEIR HOT WORK AND MAINTAINING THOSE FIRE PREVENTION METHODS UNTIL ALL HOT WORK IS COMPLETE. ANY HOT WORK THAT NEEDS TO HAPPEN OUTSIDE OF THE PLANNED CONSTRUCTION AREA AND STILL ON CAMPUS WILL REQUIRE A HOT WORK PERMIT FROM THE LSU EHS.
   CONTACT PHONE NUMBERS:
   LSU EHS: (225) 578-5640
   LSU FACILITY SERVICES: (225) 578-1265

TREE REMOVAL NOTES:

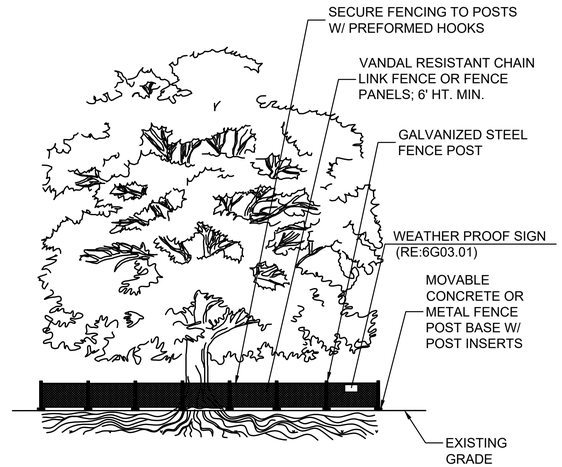
1. ALL TREES DESIGNATED FOR REMOVAL SHALL HAVE THEIR TRUNKS CUT AS FLUSH WITH THE GROUND AS POSSIBLE.
2. STANDARD REMOVAL: ALL STUMPS, AT A MINIMUM, SHALL BE GRINDED INTO MULCH TO A DEPTH OF 12" BELOW THE EXISTING GRADE. MULCH SHALL BE REMOVED AND TOPSOIL SHALL BE ADDED TO FILL RESULTING VOID.
3. AMENDED REMOVAL: STUMPS WHICH CONFLICT WITH PROPOSED TREE PLANTINGS (AS INDICATED ON PLAN) SHALL COMPLY WITH THE FOLLOWING REMOVAL SPECIFICATIONS, IN ADDITION TO THE STANDARD REMOVAL AS DETAILED ABOVE:
   - 3.1. FLAG THE PROPOSED TREE LOCATION.
   - 3.2. EXCAVATE AND REMOVE ALL EXISTING ROOTS WITHIN A 5' RADIUS OF THE CENTER OF THE PROPOSED TREE LOCATION AND TO A DEPTH OF 4'.
   - 3.3. THE FINAL EXCAVATION SHALL PROVIDE A "ROOT-FREE" ZONE THAT IS 3' CLEAR OF ALL SIDES OF THE PROPOSED TREE'S CONTAINER AND 2' CLEAR OF THE BOTTOM OF THE PROPOSED TREE'S CONTAINER.
   - 3.4. CONTRACTOR IS RESPONSIBLE, AT NO COST TO OWNER OR L.A., FOR VERIFYING THE SIZE OF THE PROPOSED TREE'S CONTAINER AND ADJUSTING THE ROOT EXCAVATION AND REMOVAL LIMITS TO ACHIEVE THE SPECIFIED CLEARANCES.
   - 3.5. CONTRACTOR IS RESPONSIBLE, AT NO COST TO THE OWNER OR L.A., FOR ANY ADDITIONAL EXISTING TREE ROOT REMOVAL AS NEEDED TO PROPERLY INSTALL THE PROPOSED TREES.

TREE PROTECTION NOTES:

1. SEE PLAN FOR APPROXIMATE LOCATION OF TREE PROTECTION FENCING
2. EXISTING TREES SHALL BE PROTECTED AT ALL TIMES WITH 4' MIN. HT FENCING. LOCATION OF TREE PROTECTION FENCING SHALL BE SUBMITTED AS PART OF THE TREE PROTECTION PLAN AND APPROVED PRIOR TO INSTALLATION. CONSTRUCTION FENCE SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.
3. MIN. 2'x2' WEATHERPROOF WARNING SIGN SHALL BE PLACED ON TREE PROTECTION FENCING. SIGNS SHALL BE VISIBLE ON ALL SIDES OF FENCED AREA AND SHALL BE SPACED NO MORE THAN 200' O.C. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REQUIRE ADDITIONAL WARNING SIGNS BASED UPON ACTUAL FIELD CONDITIONS.
4. TEXT ON WARNING SIGNS SHALL BE 3" HIGH MIN. AND SHALL BE CLEARLY LEGIBLE IN BOTH ENGLISH AND SPANISH.
5. FOR TREE PROTECTION AREAS WITH LESS THAN 200' PERIMETER, CONTRACTOR SHALL PROVIDE ONE (1) SIGN MIN.
6. WARNING SIGNS SHALL BE SECURELY FASTENED TO POSTS.
7. CONTRACTOR SHALL NOT STORE EQUIPMENT OR OTHER MATERIALS WITHIN THE DRIPLINE OF EXISTING TREES. CONTRACTOR SHALL COORDINATE MATERIAL STAGING WITH LSU, AND LANDSCAPE ARCHITECT.
8. ANY WORK THAT OCCURS WITHIN THE DRIPLINE OF ANY TREE SHALL BE DONE WITH THE DIRECTION OF A LICENSED ARBORIST. NO MECHANICAL TRENCHING WITHIN EXISTING TREE CANOPIES SHALL BE PERMITTED. ONLY HAND DIGGING SHALL BE PERMITTED IN THESE AREAS. AVOID SIGNIFICANT ROOTS.
9. CONTRACTOR SHALL PHOTOGRAPH PROTECTED TREES FROM ALL SIDES AFTER INSTALLING TREE PROTECTION FENCING, AND SHALL SUBMIT THE PHOTOGRAPHS TO THE LANDSCAPE ARCHITECT PRIOR TO OTHER CONSTRUCTION ACTIVITIES.
10. ANY ADDITIONAL PRUNING NECESSARY TO COMPLETE CONSTRUCTION ACTIVITIES SHALL BE PERFORMED BY A LICENSED ARBORIST. ALL PRUNING SHALL BE APPROVED AND COORDINATED WITH LSU AND LANDSCAPE ARCHITECT WHILE ON SITE. CONTRACTOR SHALL HAVE WRITTEN APPROVAL PRIOR TO ANY PRUNING ACTIVITIES.
11. CONTRACT SHALL COMPLY WILL ALL LSU FACILITY DESIGN STANDARDS AND SPECIFICATIONS FOR TREE PROTECTION AND MITIGATION.



6 WEATHER PROOF SIGN



5 TREE PROTECTION DETAIL

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

TREE PRESERVATION NOTES & DETAILS

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

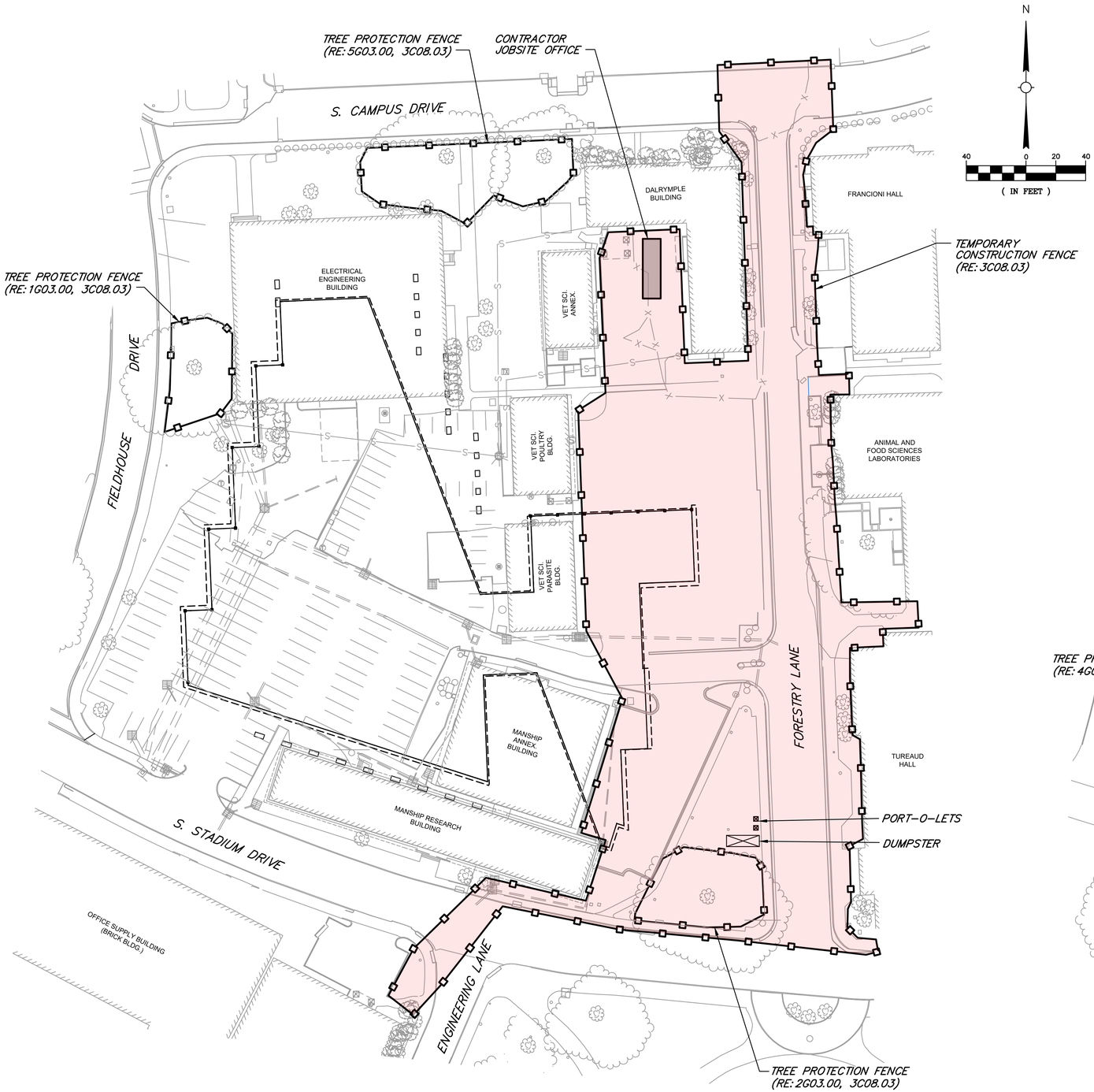
DATE: 06/27/2025

SHEET NO.
G03.01

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-G03.00 TREE PRESERVATION

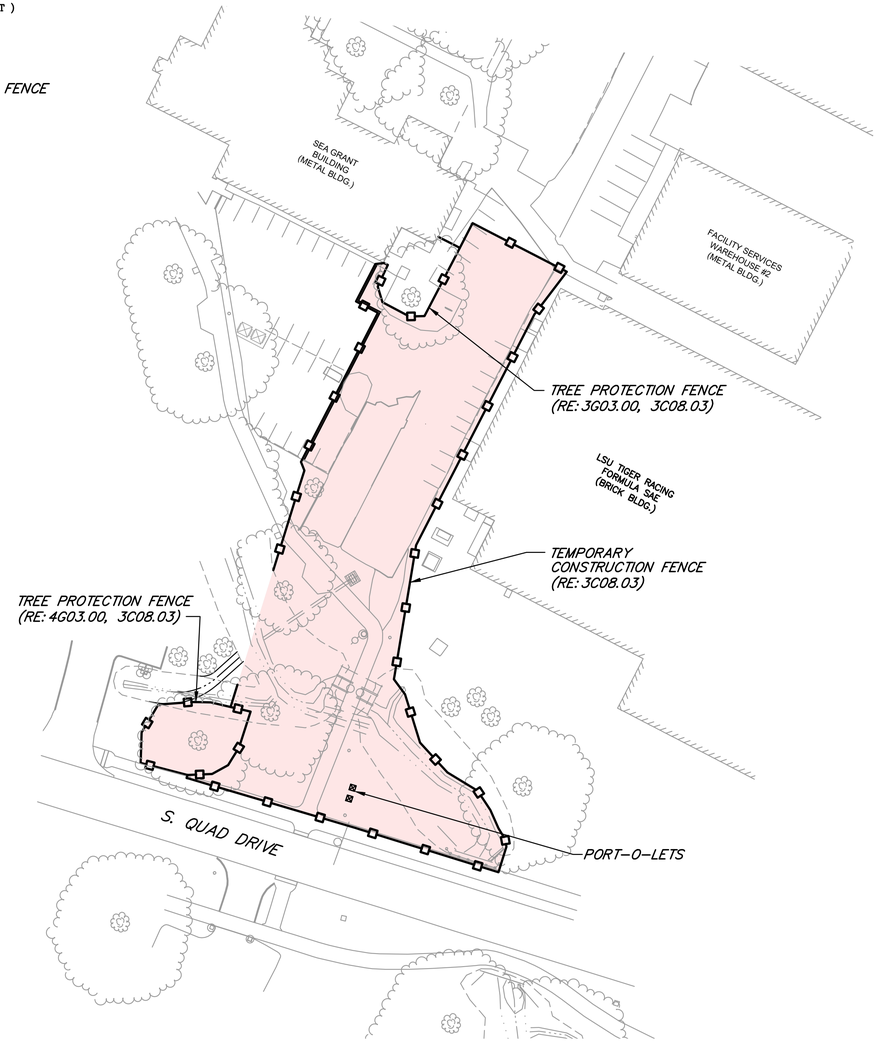
CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-GN04 CONSTRUCTION PHASES



1 CONSTRUCTION PHASE 1 – FUTURE LIBRARY SITE

ALL AREAS WITHIN THE CONSTRUCTION FENCE WILL BE USED FOR LAYDOWN



2 CONSTRUCTION PHASE 1 – FIELDHOUSE DRIVE EXTENSION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CONSTRUCTION PHASE 1

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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1"

REVISIONS

NO.	DESCRIPTION	DATE

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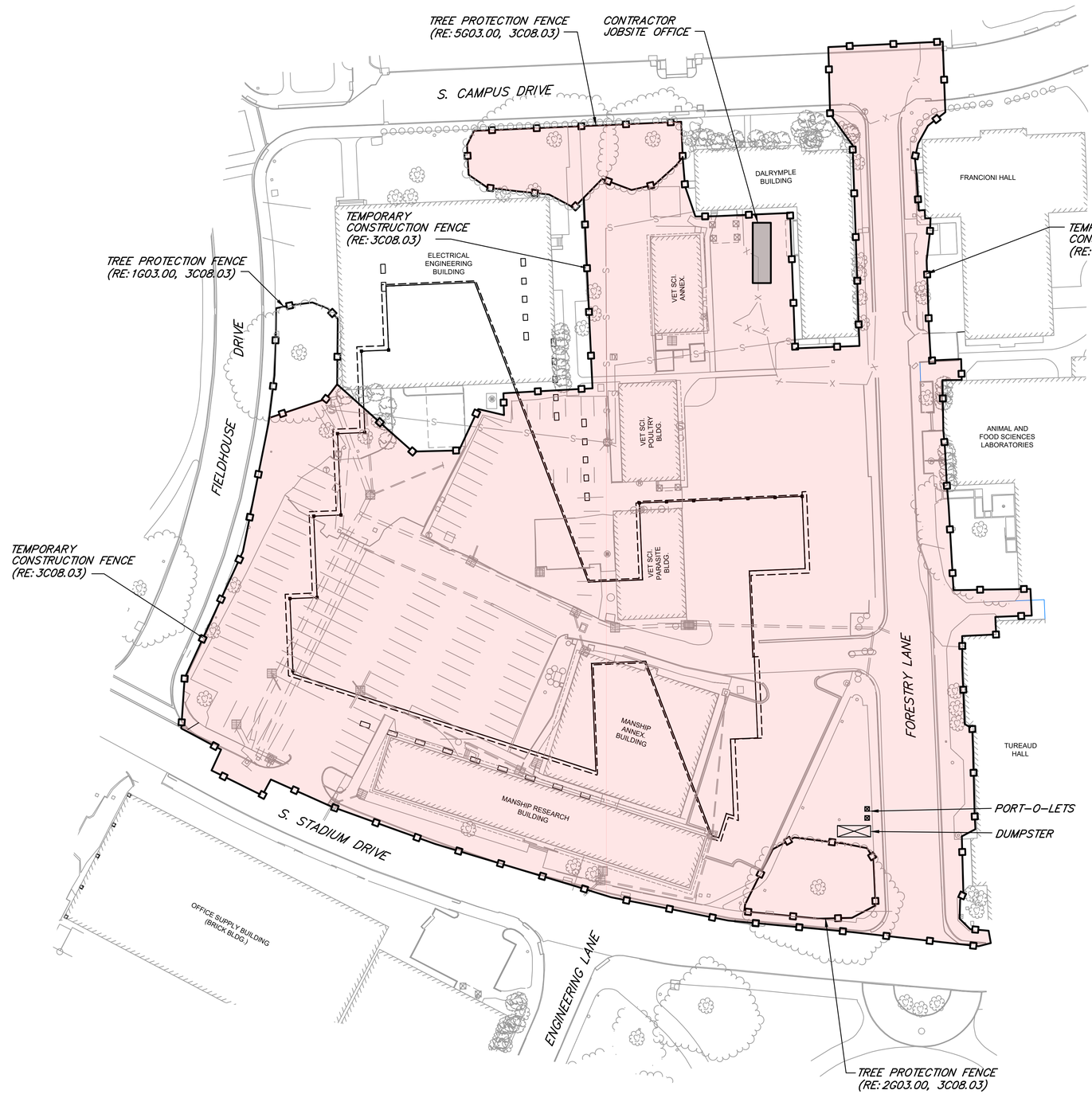
DATE: 06/27/2025

SHEET NO.
G04.00

CONSTRUCTION DOCUMENTS



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(IN FEET)

ALL AREAS WITHIN THE CONSTRUCTION FENCE WILL BE USED FOR LAYDOWN

1 CONSTRUCTION PHASE 2 – FUTURE LIBRARY SITE

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LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CONSTRUCTION PHASE 2

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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G04.01

CONSTRUCTION DOCUMENTS

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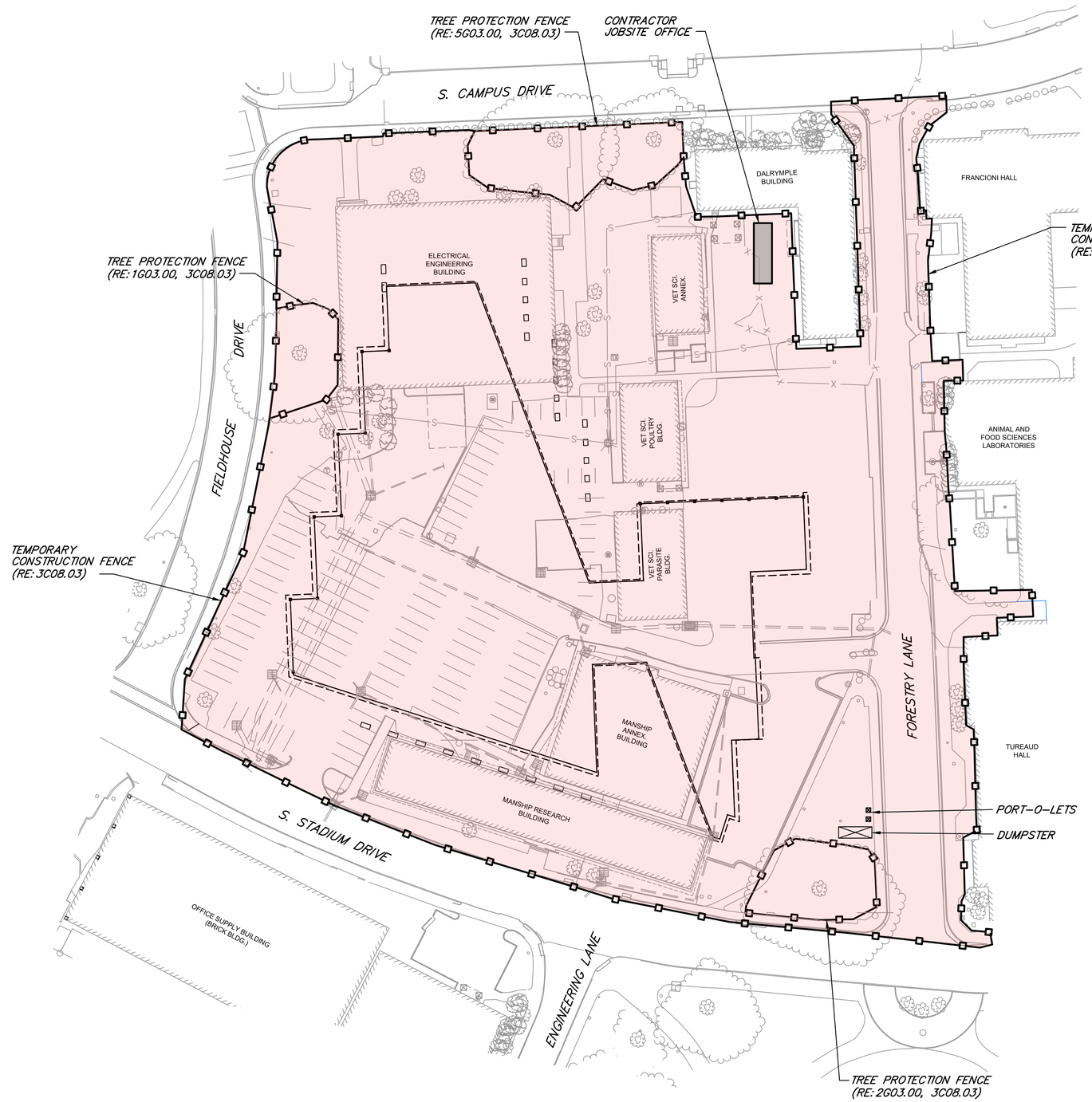

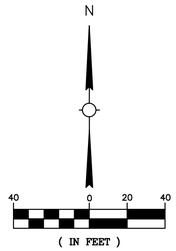

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1 CONSTRUCTION PHASE 3 – FUTURE LIBRARY SITE

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FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
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BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CONSTRUCTION PHASE 3

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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SHEET NO. **G04.02**

LEGEND (N.T.S.)

CURB INLET	WATER METER	ROAD CENTERLINE
DRAIN MANHOLE TOP	WATER VALVE	EDGE OF ASPHALT
DRAIN INLET	FIRE HYDRANT	EDGE OF CONCRETE
SEWER MANHOLE TOP	WATER FAUCET	EDGE OF GRAVEL
SEWER CLEANOUT	GAS METER	BUILDING PERIMETER
POWER POLE W/ ANCHOR	GAS REGULATOR	FENCE LINE
POWER JUNCTION BOX	GAS RISER	STORM DRAIN CULVERT
POWER TRANSFORMER	GAS VALVE	SANITARY SEWER LINE
POWER MANHOLE TOP	PIPELINE MARKER	OVERHEAD POWER LINE
LIGHT POLE	PIPELINE VENT	OVERHEAD TELEPHONE LINE
POWER DROP	TV PEDESTAL	FLOOD ZONE DELINEATION
ELECTRIC METER	TV MANHOLE TOP	
TELEPHONE PEDESTAL	TV MARKER	
TELEPHONE MANHOLE	TRAFFIC CONTROL BOX	
FIBER-OPTIC MARKER	TRAFFIC SIGNAL POWER VAULT	
CROSS CONNECT BOX	CANOPY SUPPORT	
SIGN	MAILBOX	
SHRUB	POST	
TREE	PIPE BOLLARD	

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GENERAL NOTES:

THIS SURVEY IS SUBJECT TO THOSE FACTS WHICH MIGHT BE DISCLOSED BY A COMPLETE TITLE SEARCH. CERTIFICATION DOES NOT EXTEND TO ANY OTHER PARTY NOR IS THIS PLAT TO BE COPIED OR DISTRIBUTED WITHOUT WRITTEN PERMISSION OF THE LAND SURVEYOR.

THE PROPERTY SHOWN HEREON MAY BE SUBJECT TO PRE-EXISTING ENCUMBRANCES SUCH AS SERVITUDES, RIGHTS OF WAY, BUILDING SETBACKS, AND OTHER COVENANTS AND/OR RESTRICTIONS WHICH COULD BE DISCLOSED BY A COMPLETE TITLE SEARCH.

THE WORD "CERTIFY" OR "CERTIFICATION" AS SHOWN AND USED HEREON MEANS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING THE FACTS OF THE SURVEY AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED.

FENCE LOCATIONS SHOWN ON THIS SURVEY ARE FOR GRAPHICAL INFORMATION ONLY. NO DETERMINATION REGARDING POSSESSORY RIGHTS IS MADE BY THE LAND SURVEYOR.

ALL TREES WITH DRIPLINES SHOWN ARE LIVE OAKS WITH DIMENSIONS AS SHOWN, UNLESS OTHERWISE NOTED.

THIS SURVEY IS MADE IN ACCORDANCE WITH THE STANDARDS OF PRACTICE AS ESTABLISHED BY LA. REV. STATUTES TITLE 46: CHAPTER 29, AS A CLASS C SURVEY.

WETLAND DELINEATION OR ENVIRONMENTAL ASSESSMENTS WERE NOT PERFORMED NOR WERE WITHIN THE SCOPE OF THIS SURVEY.

DISTANCES SHOWN HEREON ARE GRID DISTANCES. UTILIZE THE FOLLOWING TO CONVERT SAID DATA TO GROUND DISTANCES
COMBINED SCALE FACTOR: 0.999951095302
CONVERGENCE ANGLE: 0° 04' 33.81834285"

FLOOD ZONE INFORMATION:
ACCORDING TO F.E.M.A. FLOOD INSURANCE RATE MAP NO. 22033C0245E, DATED MAY 2, 2008. THIS PROPERTY IS LOCATED IN FLOOD ZONE "X" (AREAS OF REDUCED FLOOD RISK DUE TO LEVEE.) AND FLOOD ZONE "A" (WITHOUT BASE FLOOD ELEVATION). BASE FLOOD ELEVATIONS ARE SUBJECT TO CHANGE AND SHOULD BE VERIFIED WITH THE ENGINEERING DIVISION OF THE LOCAL FLOOD PLAIN MANAGER PRIOR TO ANY CONSTRUCTION.

ZONING: A1 (SINGLE FAMILY RESIDENTIAL)
SETBACK: FRONT = 15'
SIDE = 8'
REAR = 25'

UTILITY COMPANY INFORMATION:
- LA ONE CALL TICKET #240448260, 240448261
- ELECTRIC: ENTERGY LOUISIANA, LLC
- GAS: ENTERGY LOUISIANA, LLC GAS
- SEWER: LA STATE UNIVERSITY
- TELEPHONE: AT&T DISTRIBUTION
- CABLE: COX COMMUNICATIONS

SCHOOLS: EBR-7
ELEMENTARY: MCKINLEY ELEMENTARY SCHOOL
MIDDLE: GLASGOW MIDDLE SCHOOL
HIGH: MCKINLEY SENIOR HIGH SCHOOL

EMERGENCY:
– BATON ROUGE CITY FIRE
– POLICE DISTRICT 2C-2

BASE BEARING: LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (1702), DERIVED FROM LSU C4G REAL TIME NETWORK, NSRS 2011 (EPOCH 2010)

HORIZONTAL CONTROL:
LOUISIANA STATE PLANE COORDINATES
ZONE 1702 (NAD 83), NSRS 2011

VERTICAL CONTROL: NAVD 88 (GEOID18)

BASE STATIONS:
DL9074
FSHS FRANKLIN HIGH SCH CORS ARP
N294819.103
W0913008.051

DL8639
THHR T H HARRIS CAMPUS CORS ARP
N303145.638
W0920450.186

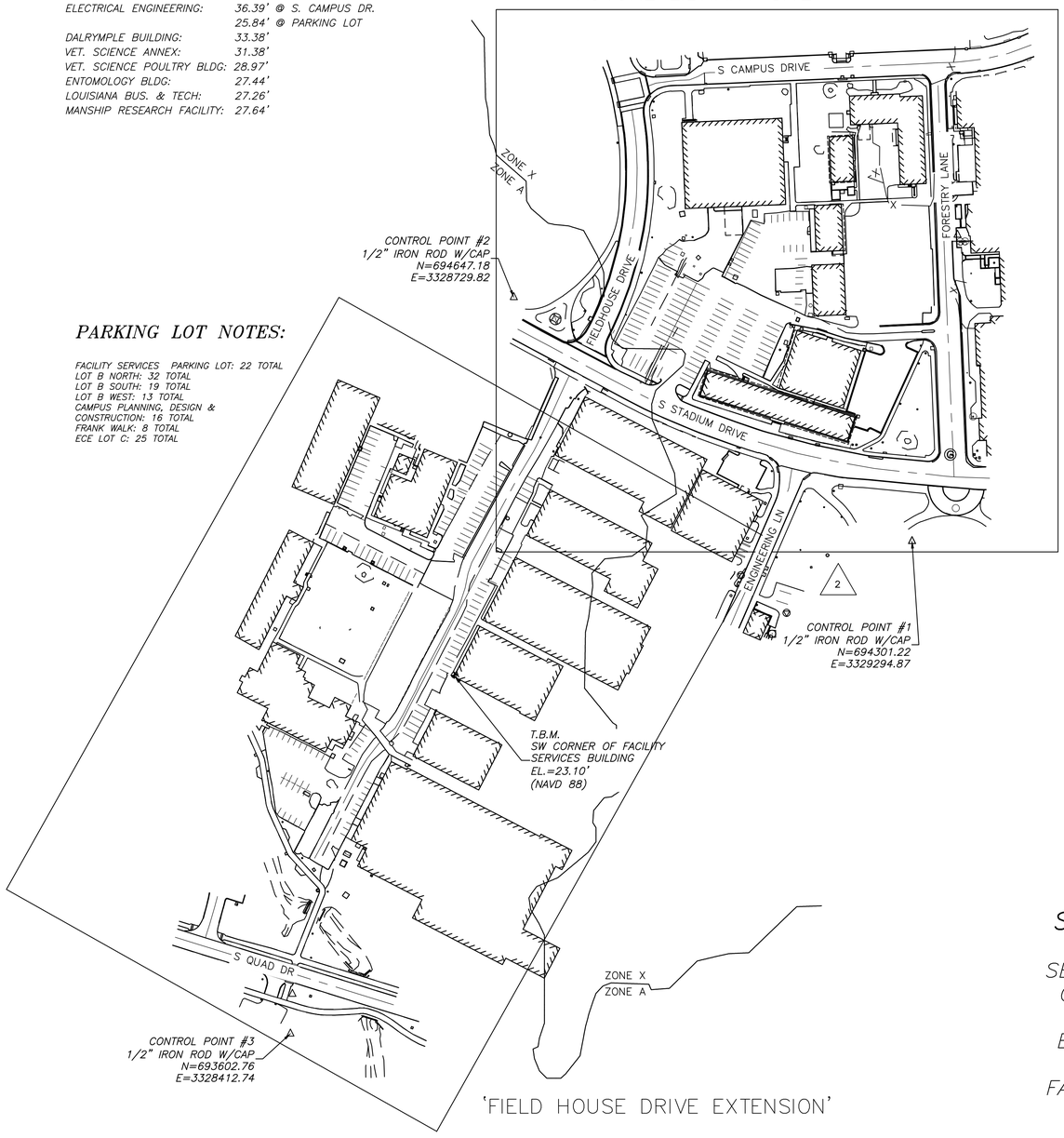
DL8635
GVMS GALVEZ MIDDLE SCH CORS ARP
N301851.796
W0905413.029

FUTURE LIBRARY SITE FINISHED FLOOR ELEVATIONS:

ELECTRICAL ENGINEERING:	36.39' @ S. CAMPUS DR.
	25.84' @ PARKING LOT
DALRYMPLE BUILDING:	33.38'
VET. SCIENCE ANNEX:	31.38'
VET. SCIENCE POULTRY BLDG:	28.97'
ENTOMOLOGY BLDG:	27.44'
LOUISIANA BUS. & TECH:	27.26'
MANSHIP RESEARCH FACILITY:	27.64'

PARKING LOT NOTES:

FACILITY SERVICES PARKING LOT: 22 TOTAL
LOT B NORTH: 32 TOTAL
LOT B SOUTH: 19 TOTAL
LOT B WEST: 13 TOTAL
CAMPUS PLANNING, DESIGN & CONSTRUCTION: 16 TOTAL
FRANK WALK: 8 TOTAL
ECE LOT C: 25 TOTAL



GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

TOPOGRAPHIC SURVEY FOR
STRATEGIC CAPITAL PLAN
LOCATED IN,
SECTIONS 54 & 55, T7S, R1W,
GREENSBURG LAND DISTRICT
CITY OF BATON ROUGE
E. BATON ROUGE PARISH, LA
FOR
FACILITY PLANNING & CONTROL

CERTIFICATION:
I CERTIFY THAT I MADE THE SURVEY SHOWN HEREON, THAT IT IS IN ACCORDANCE WITH THE FIELD NOTES OF SAID SURVEY, AND THAT THERE ARE NO SIGNIFICANT VISIBLE ENCROACHMENTS EITHER WAY ACROSS PROPERTY LINES, UNLESS OTHERWISE NOTED.

RACHEL L. WALDROUP, P.L.S. — 8/12/2024
LA LICENSE NO. 5277 — DATE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

TOPOGRAPHIC SURVEY-OVERALL SITE LAYOUT

STATE OF LOUISIANA
RACHEL L. WALDROUP
LICENSE No. 5277
PROFESSIONAL LAND SURVEYOR

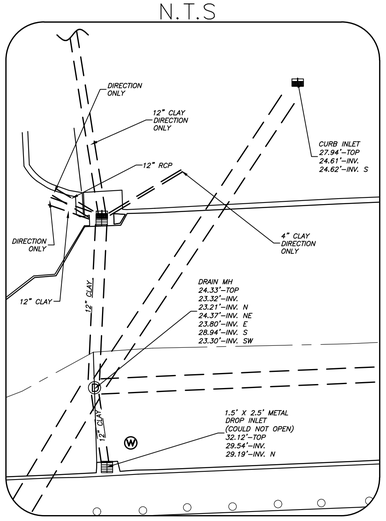
ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

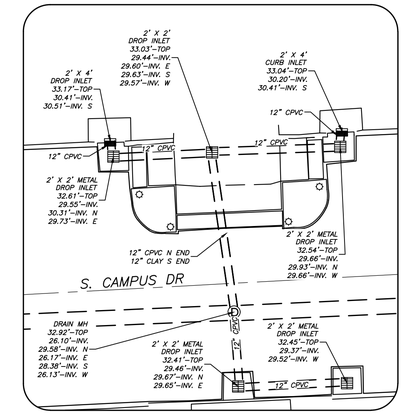
REVISIONS

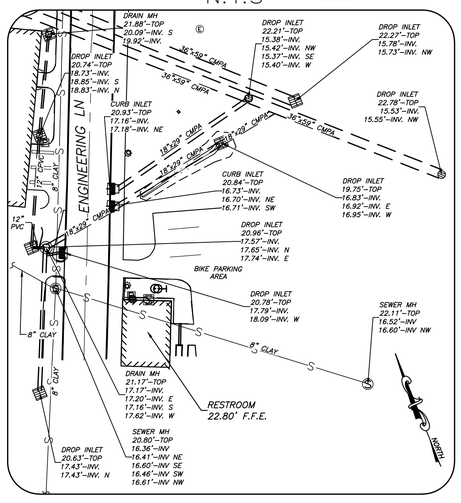
NO.	DESCRIPTION	DATE
1	Add'l topo	10/2024
2	Add'l topo	05/2025

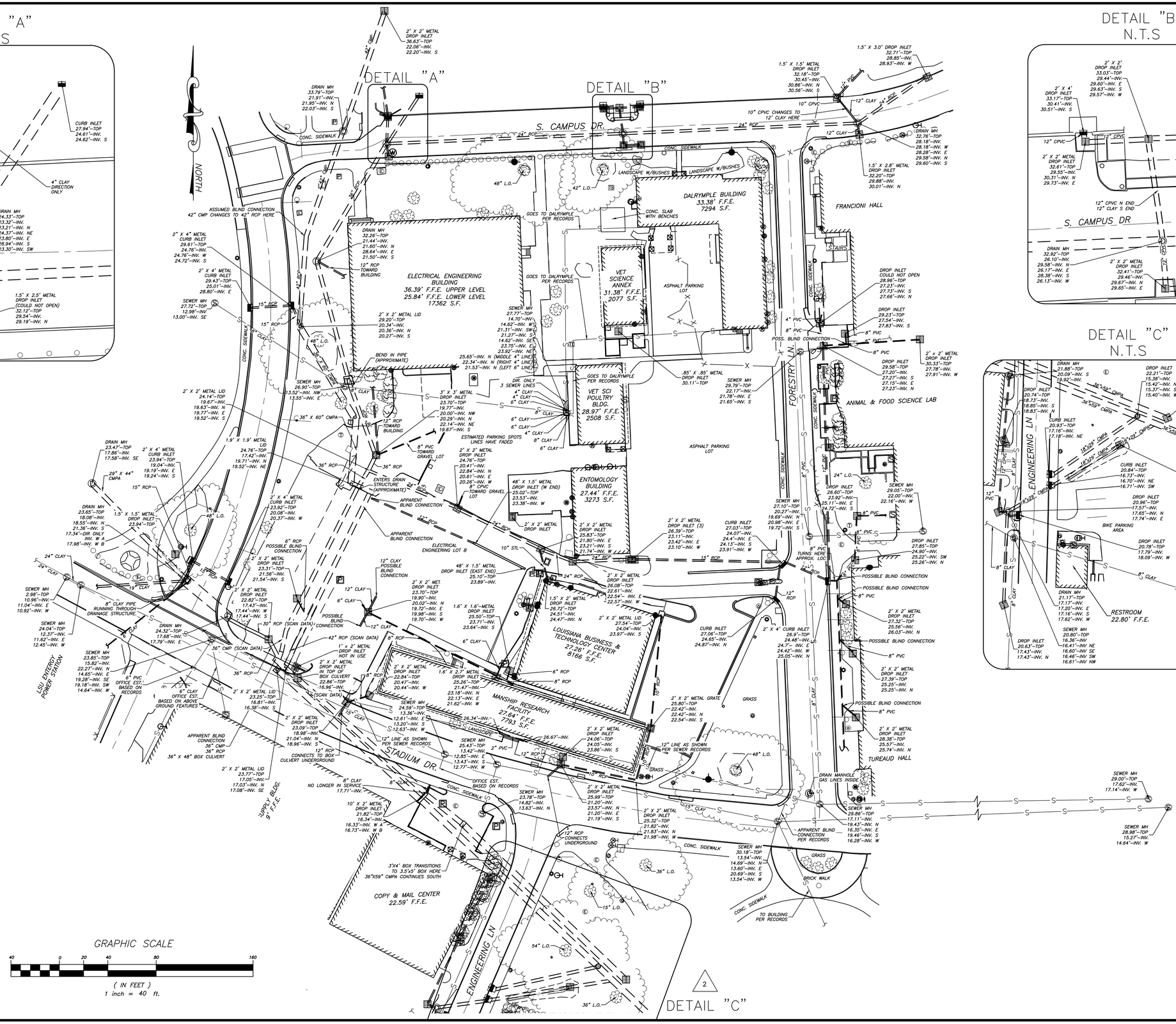
DRAWN BY: CWH
CHECKED BY: RLW
DATE: 8/11/2024
SHEET NO. TS01.00

R:\2023\231326 – FP&C LSU INFRASTRUCTURE, RENO, & STREETS\12.0 SURVEY\02-CAD\231326 LSU









R:\2023\231326 - FP&C LSU INFRASTRUCTURE, RENO. & STREETS\12.0 SURVEY\02-CAD\231326 LSU

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
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9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

TOPOGRAPHICAL SURVEY FUTURE LIBRARY SITE

STATE OF LOUISIANA
RACHEL L. WALDROUP
LICENSE No. 5277
PROFESSIONAL LAND SURVEYOR

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1"

REVISIONS

NO.	DESCRIPTION	DATE
1	Add'l topo	10/2024
2	Add'l topo	05/2025

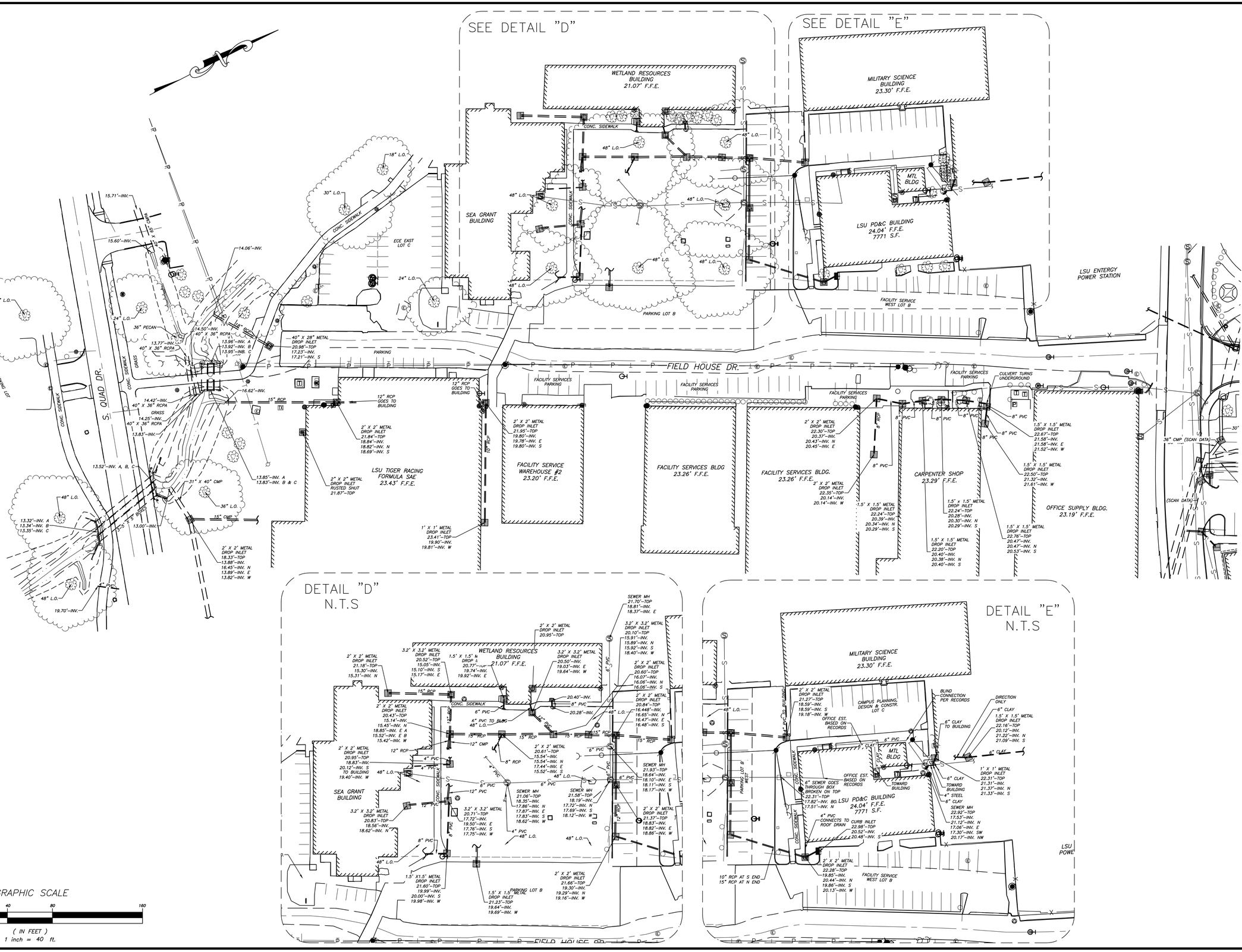
DRAWN BY: **CWH**

CHECKED BY: **RLW**

DATE: **8/11/2024**

SHEET NO.

TS02.00



R:\2023\231326 - FP&C LSU INFRASTRUCTURE, RENO. & STREETS\12.0 SURVEY\02-CAD\231326 LSU

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

TOPOGRAPHICAL SURVEY FIELDHOUSE DRIVE

STATE OF LOUISIANA
RACHEL L. WALDROUP
LICENSE No. 5277
PROFESSIONAL LAND SURVEYOR

ATTENTION:
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1"

REVISIONS		
NO.	DESCRIPTION	DATE
1	Add'l topo	10/2024

DRAWN BY: **CWH**

CHECKED BY: **RLW**

DATE: **8/11/2024**

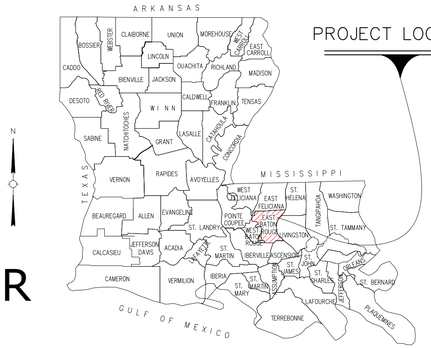
SHEET NO.
TS03.00

FORTE & TABLADA

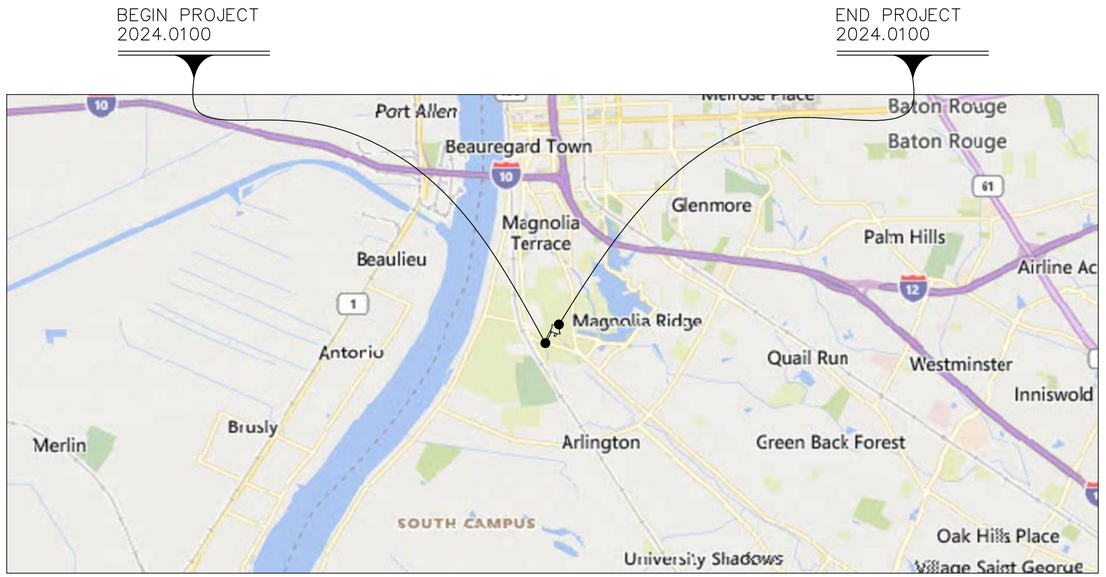
SUBSURFACE UTILITY ENGINEERING DELIVERABLE

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENENCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

EAST BATON ROUGE PARISH



VICINITY MAP



LAYOUT MAP

SCALE: 1 INCH = 5280 FEET

1/2 0 1/2 1

P:\Y-2024\2024.0100\SPECIALTY GROUPS\SUE\CAD\AUTOCAD\2024.0100_LSU_QLB_MAIN_22X34

LSU

FORTE & TABLADA

T. BAKER SMITH TBS

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU1.00 SUB-SURFACE UTILITY - TITLE SHEET

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

1"

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDED TEST HOLES & REVISED UTILITY LINES	1/9/25
2	ADDED ELECTRIC LINES	3/18/25
3	ADDED STEAM LINES	4/21/25
4	ADDED SHEET SU4.01	5/19/25
5	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 5.19.2025

SHEET NO.
SU1.00

P:\Y-2024\2024.0100\SPECIALTY GROUPS\SUE\CAD\AUTOCAD\2024.0100_LSU_QLB_MAIN 22X34

LSU

FORTE & TABLADA

T. BAKER SMITH

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
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COVINGTON, LA 70433

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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU1.01 SUB-SURFACE UTILITY - OVERALL SITE WITH KEY

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

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1"

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDED TEST HOLES & REVISED UTILITY LINES	1/9/25
2	ADDED ELECTRIC LINES	3/18/25
3	ADDED SHEET SU4.01	5/19/25
4	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 5.19.2025

SHEET NO.
SU1.01

LINETYPES:

- SUE LIMITS
- G(B) GAS UTILITY LINE QUALITY LEVEL B
- G(C) GAS UTILITY LINE QUALITY LEVEL C
- G(D) GAS UTILITY LINE QUALITY LEVEL D
- O(B) PIPELINE QUALITY LEVEL B
- O(C) PIPELINE QUALITY LEVEL C
- O(D) PIPELINE QUALITY LEVEL D
- E(B) ELECTRIC UTILITY LINE QUALITY LEVEL B
- E(C) ELECTRIC UTILITY LINE QUALITY LEVEL C
- E(D) ELECTRIC UTILITY LINE QUALITY LEVEL D
- T(B) TELEPHONE UTILITY LINE QUALITY LEVEL B
- T(C) TELEPHONE UTILITY LINE QUALITY LEVEL C
- T(D) TELEPHONE UTILITY LINE QUALITY LEVEL D
- TFO(B) TELEPHONE FIBER OPTIC QUALITY LEVEL B
- TFO(C) TELEPHONE FIBER OPTIC QUALITY LEVEL C
- TFO(D) TELEPHONE FIBER OPTIC QUALITY LEVEL D
- TV(B) TELEVISION UTILITY LINE QUALITY LEVEL B
- TV(C) TELEVISION UTILITY LINE QUALITY LEVEL C
- TV(D) TELEVISION UTILITY LINE QUALITY LEVEL D
- TVFO(B) TELEVISION FIBER OPTIC QUALITY LEVEL B
- TVFO(C) TELEVISION FIBER OPTIC QUALITY LEVEL C
- TVFO(D) TELEVISION FIBER OPTIC QUALITY LEVEL D
- T(B) TELEPHONE UTILITY MULTIPLE QUALITY LEVEL B
- T(C) TELEPHONE UTILITY MULTIPLE QUALITY LEVEL C
- T(D) TELEPHONE UTILITY MULTIPLE QUALITY LEVEL D
- TFO(B) TELEPHONE FIBER OPTIC MULTIPLE QUALITY LEVEL B
- TFO(C) TELEPHONE FIBER OPTIC MULTIPLE QUALITY LEVEL C
- TFO(D) TELEPHONE FIBER OPTIC MULTIPLE QUALITY LEVEL D
- W(B) WATER UTILITY LINE QUALITY LEVEL B
- W(C) WATER UTILITY LINE QUALITY LEVEL C
- W(D) WATER UTILITY LINE QUALITY LEVEL D
- UNK(B) UNKNOWN UTILITY QUALITY LEVEL B
- UNK(C) UNKNOWN UTILITY QUALITY LEVEL C
- UNK(D) UNKNOWN UTILITY QUALITY LEVEL D
- ST(B) STEAM WATER UTILITY LINE QUALITY LEVEL B
- ST(C) STEAM WATER UTILITY LINE QUALITY LEVEL C
- ST(D) STEAM WATER UTILITY LINE QUALITY LEVEL D
- FW(B) FIRE WATER UTILITY LINE QUALITY LEVEL B
- FW(C) FIRE WATER UTILITY LINE QUALITY LEVEL C
- FW(D) FIRE WATER UTILITY LINE QUALITY LEVEL D
- CHW(B) CHILLED WATER UTILITY LINE QUALITY LEVEL B
- CHW(C) CHILLED WATER UTILITY LINE QUALITY LEVEL C
- CHW(D) CHILLED WATER UTILITY LINE QUALITY LEVEL D
- CA(B) COMPRESSED AIR UTILITY LINE QUALITY LEVEL B
- CA(C) COMPRESSED AIR UTILITY LINE QUALITY LEVEL C
- CA(D) COMPRESSED AIR UTILITY LINE QUALITY LEVEL D

CHILLED WATER UTILITY SYMBOLS:

- CHILLED WATER UTILITY MARKER
- CHILLED WATER VALVE VAULT
- CHILLED WATER FIRE HYDRANT
- CHILLED WATER METER
- CHILLED WATER VALVE
- CHILLED WATER MANHOLE TOP
- CHILLED WATER TEST HOLE

FIRE WATER UTILITY SYMBOLS:

- FIRE WATER UTILITY MARKER
- FIRE WATER VALVE VAULT
- FIRE WATER FIRE HYDRANT
- FIRE WATER METER
- FIRE WATER VALVE
- FIRE WATER MANHOLE TOP
- FIRE WATER TEST HOLE

WATER UTILITY SYMBOLS:

- WATER UTILITY MARKER
- WATER VALVE VAULT
- FIRE HYDRANT
- WATER METER
- WATER VALVE
- WATER MANHOLE TOP
- WATER TEST HOLE

STEAM WATER UTILITY SYMBOLS:

- STEAM WATER UTILITY MARKER
- STEAM WATER VALVE VAULT
- STEAM FIRE HYDRANT
- STEAM WATER METER
- STEAM WATER VALVE
- STEAM WATER MANHOLE TOP
- STEAM WATER TEST HOLE

TELEPHONE UTILITY SYMBOLS:

- TELEPHONE UTILITY MARKER
- TELEPHONE POLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- TELEPHONE CROSS CONNECT BOX
- TELEPHONE PRESSURE BOX
- TELEPHONE TEST HOLE

TELEVISION UTILITY SYMBOLS:

- TV MANHOLE TOP
- TV PEDESTAL
- TV UTILITY MARKER
- TV TEST HOLE

TRAFFIC UTILITY SYMBOLS:

- TRAFFIC PULL BOX
- TRAFFIC CAMERA CONNECT BOX
- TRAFFIC CAMERA POLE
- LIGHT STANDARD POWER POLE
- LIGHT STANDARD
- TRAFFIC SIGN CONNECT BOX
- TRAFFIC SIGNAL POWER VAULT
- CANTILVER TRAFFIC SIGNAL POLE
- CABLE SUSPENDED TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL STANDARD
- TRAFFIC TEST HOLE

GENERAL NOTES:

UTILITY OWNERS:
1. AT&T DISTRIBUTION – ERIN FRANCE – (225) 353–3038
2. ACADIAN GAS PIPELINE – CALEB KLEINPETER – (225) 916–7036
3. COX COMMUNICATION – JAMES WILLIAMS – (225) 964–4007
4. ENTERGY LOUISIANA, LLC ELECTRIC – GERALD DOYLE – (225) 276–5408
5. ENTERGY LOUISIANA, LLC GAS – ERICA HUTCHINSON – (225) 354–3036
6. LOUISIANA STATE UNIVERSITY – MICHAEL ST. ROMAIN – (225) 303–6409

LA ONE CALL TICKETS: #240257861, #240257862, #240392420, #240619473

UTILITY NOTES:
THE SUBSURFACE UTILITIES SHOWN ON THE MAP OF SURVEY WITHIN THE PROJECT LIMITS WERE IDENTIFIED USING THE INDUSTRY STANDARD DETECTION METHODOLOGIES IN ACCORDANCE WITH THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) 38–02 STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.

1. UTILITIES NOTED AS QUALITY LEVEL "D" ARE DEPICTED ON THE PLANS USING JUDGMENT IN INTERPRETING AVAILABLE THIRD–PARTY RECORDS OR OTHER INFORMATION.
2. UTILITIES NOTED AS QUALITY LEVEL "C" ARE DEPICTED ON THE PLANS USING JUDGMENT IN INTERPRETING AVAILABLE THIRD–PARTY RECORDS OR OTHER INFORMATION AND THEN CORRELATING THAT INFORMATION TO EXISTING SURVEYED STRUCTURES.
3. ALL OTHER UTILITIES ARE CONSIDERED QUALITY LEVEL "B" AND ARE DEPICTED ON THE PLANS USING JUDGMENT IN SELECTING AND INTERPRETING APPROPRIATE GEOPHYSICAL DATA, SURVEYING TO APPROPRIATE PROJECT ACCURACIES THE PROJECTION OF THAT DATA ON THE GROUND SURFACE, AND THEN USING JUDGMENT TO CORRELATE THIRD–PARTY AVAILABLE RECORDS OR OTHER INFORMATION, IF ANY, AS PERTAINING TO THESE QL–B DEPICTIONS.
4. UTILITY SIZE AND TYPE FOR QUALITY LEVEL "B" DEPICTIONS ARE DETERMINED THROUGH AVAILABLE UTILITY OWNER INFORMATION OR IN–FIELD VISUAL INSPECTION. UTILITIES LABELED AS UNKNOWN HAVE NO CORRELATED RECORDS OR VISIBLE APPURTENANCES TO DETERMINE FUNCTION OR TYPE.
5. AN ATTEMPT TO ACHIEVE QUALITY LEVEL "B" DATA WAS MADE FOR ALL UTILITIES WITHIN THE PROJECT LIMITS EXCEPT FOR GRAVITY SEWERS AND STORM DRAINS.
6. ALL TEST HOLES ARE QUALITY LEVEL "A." TEST HOLES OBTAIN PRECISE HORIZONTAL AND VERTICAL POSITION OF THE UTILITY FACILITY BY EXCAVATION. THE TEST HOLE SHALL BE DONE USING VACUUM EXCAVATION OR COMPARABLE NON–DESTRUCTIVE EQUIPMENT IN A MANNER AS TO CAUSE NO DAMAGE TO THE UTILITY.
7. UTILITIES WITH A TEST HOLE SYMBOL HAVE A REFERENCED DATA FORM WITH ADDITIONAL INFORMATION FROM PHYSICALLY OBSERVED AND MEASURED ATTRIBUTES.
8. UTILITY MAPPING WAS COMPLETED ON 05/06/2025. UTILITIES MAY HAVE BEEN CHANGED OR ADDED AFTER THIS DATE.
9. THE SUBSURFACE UTILITY ENGINEERING REPORT FOR THIS PROJECT SHALL BE REFERENCED IN CONJUNCTION WITH THESE PLANS FOR COMPREHENSIVE UTILITY INFORMATION.
10. RELIANCE UPON THIS DATA FOR RISK MANAGEMENT PURPOSES DURING BIDDING DOES NOT RELIEVE THE EXCAVATOR OR UTILITY OWNER FROM FOLLOWING ALL APPLICABLE UTILITY DAMAGE PREVENTION STATUTES, POLICIES, AND/OR PROCEDURES DURING EXCAVATION.
11. IT IS IMPORTANT THAT THE CONTRACTOR INVESTIGATES AND UNDERSTANDS THE SCOPE OF WORK BETWEEN THE PROJECT OWNER AND THEIR ENGINEER REGARDING THE SCOPE AND LIMITS OF THE UTILITY INVESTIGATIONS LEADING TO THESE UTILITY DEPICTIONS.
12. ALL UTILITIES WITHIN THE PROJECT LIMITS ARE OWNED BY LOUISIANA STATE UNIVERSITY UNLESS OTHERWISE NOTED.

GAS UTILITY SYMBOLS:

- GAS RISER
- GAS VENT
- PIPELINE UTILITY MARKER
- PIPELINE VENT
- GAS UTILITY MARKER
- GAS METER
- GAS VALVE
- GAS REGULATOR
- PIPELINE TEST HOLE
- GAS TEST HOLE

ELECTRIC UTILITY SYMBOLS:

- ELECTRIC TRANSFORMER
- ELECTRIC VAULT
- ELECTRIC JUNCTION BOX
- GUY POLE
- COMBINATION POLE
- ELECTRIC POLE
- LIGHT STANDARD
- ELECTRIC MANHOLE TOP
- ELECTRIC TEST HOLE

UNKNOWN UTILITY SYMBOLS:

- UNKNOWN TEST HOLE

LSU

FORTE & TABLADA

T. BAKER SMITH

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU1.02 SUB-SURFACE UTILITY - NOTES & LEGEND SHEET

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

1"

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDED TEST HOLES & REVISED UTILITY LINES	1/9/25
2	ADDED ELECTRIC LINES	3/18/25
3	ADDED SHEET SU4.01	5/19/25
4	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 5.19.2025

SHEET NO.
SU1.02

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N

SCALE IN FEET

25 12.5 0 25

FIELDHOUSE DRIVE

SIZE: UNKNOWN
MATERIAL: UNKNOWN

SIZE: 42"
MATERIAL: HDPE

SIZE: 4"
MATERIAL: PE DUCT
NOTE: EMPTY CONDUIT

SIZE: 30"
MATERIAL: HDPE

SIZE: 6"
MATERIAL: CAST IRON

PROJECT LIMITS

S CAMPUS DR

SIZE: 3"
MATERIAL: STEEL

CABLE TIES INTO BUILDING

SIZE: 2"
MATERIAL: STEEL

SIZE: 1"
MATERIAL: STEEL

END OF SIGNAL

TEST HOLE 4

FORESTRY LN

SIZE: 24"
MATERIAL: STEEL

SIZE: 20"
MATERIAL: STEEL

SIZE: 4-4"
MATERIAL: PVC

SIZE: 8"
MATERIAL: STEEL

SIZE: 4"
MATERIAL: STEEL

SIZE: 10"
MATERIAL: PVC

SIZE:3"
MATERIAL: UNKNOWN

TEST HOLE 20

SIZE: 1.5"
MATERIAL: STEEL

NOTE: CHILLED WATER ATTACHED TO SIDE OF BUILDING FROM THIS POINT

SIZE: 6"
MATERIAL: STEEL

SIZE: UNKNOWN
MATERIAL: STEEL

TEST HOLE 7

TEST HOLE 6

TEST HOLE 8

TEST HOLE 9

TEST HOLE 15

NOTE: POSSIBLE 2" COMPRESSED AIR LINE

MATCHLINE - SEE SHEET SU2.02

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LSU

FORTE & TABLADA

T. BAKER SMITH

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU2.01 SUB-SURFACE UTILITY - FUTURE LIBRARY SITE

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

1"

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDED TEST HOLES & REVISED UTILITY LINES	1/9/25
2	ADDED ELECTRIC LINES	3/18/25
3	ADDED STEAM LINES	4/21/25
4	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 3.18.2025

SHEET NO. SU2.01

MATCHLINE - SEE SHEET SU2.01

SIZE: 10'" MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: STEEL
SIZE: 3" MATERIAL: STEEL
SIZE: 20" MATERIAL: STEEL
SIZE: 20" MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: 6" MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: PE
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
END OF SIGNAL
SIZE: 2" MATERIAL: STEEL
SIZE: 2" MATERIAL: STEEL
SIZE: 8" MATERIAL: STEEL
SIZE: 4" MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: STEEL
NOTE: ENDS PER RECORDS
NOTE: WATER IS ATTACHED TO BUILDING AT THIS POINT
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: 1" MATERIAL: STEEL
SIZE: 1.5" MATERIAL: STEEL
SIZE: 4" MATERIAL: STEEL
SIZE:4" MATERIAL: STEEL
NOTE: GAS LINE IS EXPOSED WEST OF VALVE AND CUT. ABANDONED
SIZE: UNKNOWN MATERIAL: PE
SIZE: 3" MATERIAL: STEEL
SIZE: 4" MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: 2" MATERIAL: PE
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: 4–4" MATERIAL: PVC
NOTE: POSSIBLE 2" COMPRESSED AIR LINE
TEST HOLE 21
TEST HOLE 24
END OF SIGNAL
TEST HOLE 22
SIZE: 20" MATERIAL: STEEL
SIZE: 24" MATERIAL: STEEL
TEST HOLE 23
SIZE: 3" MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
TEST HOLE 31
TEST HOLE 30
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
TEST HOLE 2
TEST HOLE 1
SIZE: 2" MATERIAL: STEEL
SIZE: 8" MATERIAL: STEEL
SIZE: 8" MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: 8" MATERIAL: STEEL
SIZE: 4" MATERIAL: STEEL
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: 6" MATERIAL: STEEL
SIZE: 4" MATERIAL: STEEL
TEST HOLE 5
TEST HOLE 3
TEST HOLE 13
SIZE: UNKNOWN MATERIAL: UNKNOWN
END OF SIGNAL
SIZE: UNKNOWN MATERIAL: UNKNOWN
TEST HOLE 10
TEST HOLE 29
TEST HOLE 11
TEST HOLE 12
TEST HOLE 28
SIZE: 8" MATERIAL: STEEL
TEST HOLE 27
END OF SIGNAL
END OF SIGNAL
SIZE: 4" MATERIAL: STEEL
TEST HOLE 25
TEST HOLE 26
SIZE: 3" MATERIAL: STEEL NOTE: POSSIBLY ABANDONED
SIZE: UNKNOWN MATERIAL: UNKNOWN
SIZE: 2" MATERIAL: PE
SIZE: UNKNOWN MATERIAL: UNKNOWN
TEST HOLE 14
TEST HOLE 16
FORESTRY LN
STADIUM DR
FIELDHOUSE DRIVE
PROJECT LIMITS
ENGINEERING LN

N
SCALE IN FEET
25 12.5 0 25

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FORTE & TABLADA

T. BAKER SMITH

CIVIL ENGINEER & SURVEY:
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BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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5215 ESSEN LANE, SUITE 100
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ENVIRONMENTAL - ASBESTOS:
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7353 HIGHLAND ROAD,
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SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU2.02 SUB-SURFACE UTILITY - FUTURE LIBRARY SITE

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

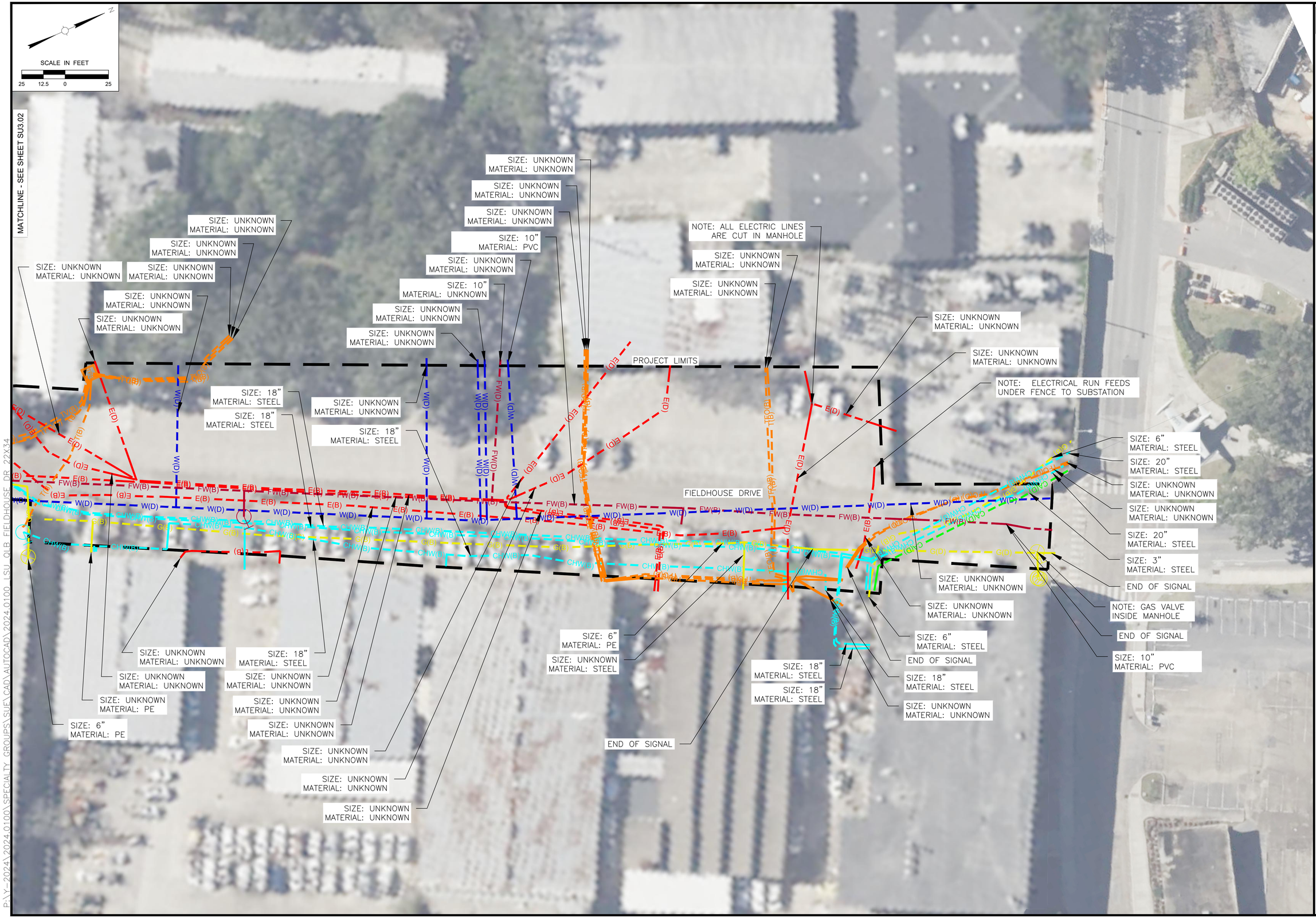
NO.	DESCRIPTION	DATE
1	ADDED TEST HOLES & REVISED UTILITY LINES	4/9/25
2	UPDATED LINEWORK	5/19/25
3	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 5.19.2025

SHEET NO.
SU2.02



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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU3.01 SUB-SURFACE UTILITY - FIELDHOUSE DRIVE EXTENSION SITE

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

ATTENTION:
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1"

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDED TEST HOLES & REVISED UTILITY LINES	1/9/25
2	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 1.9.2025

SHEET NO.
SU3.01

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CIVIL ENGINEER & SURVEY:
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ENVIRONMENTAL - ASBESTOS:
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SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU3.02 SUB-SURFACE UTILITY - FIELDHOUSE DRIVE EXTENSION SITE

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

ATTENTION:
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1"

REVISIONS

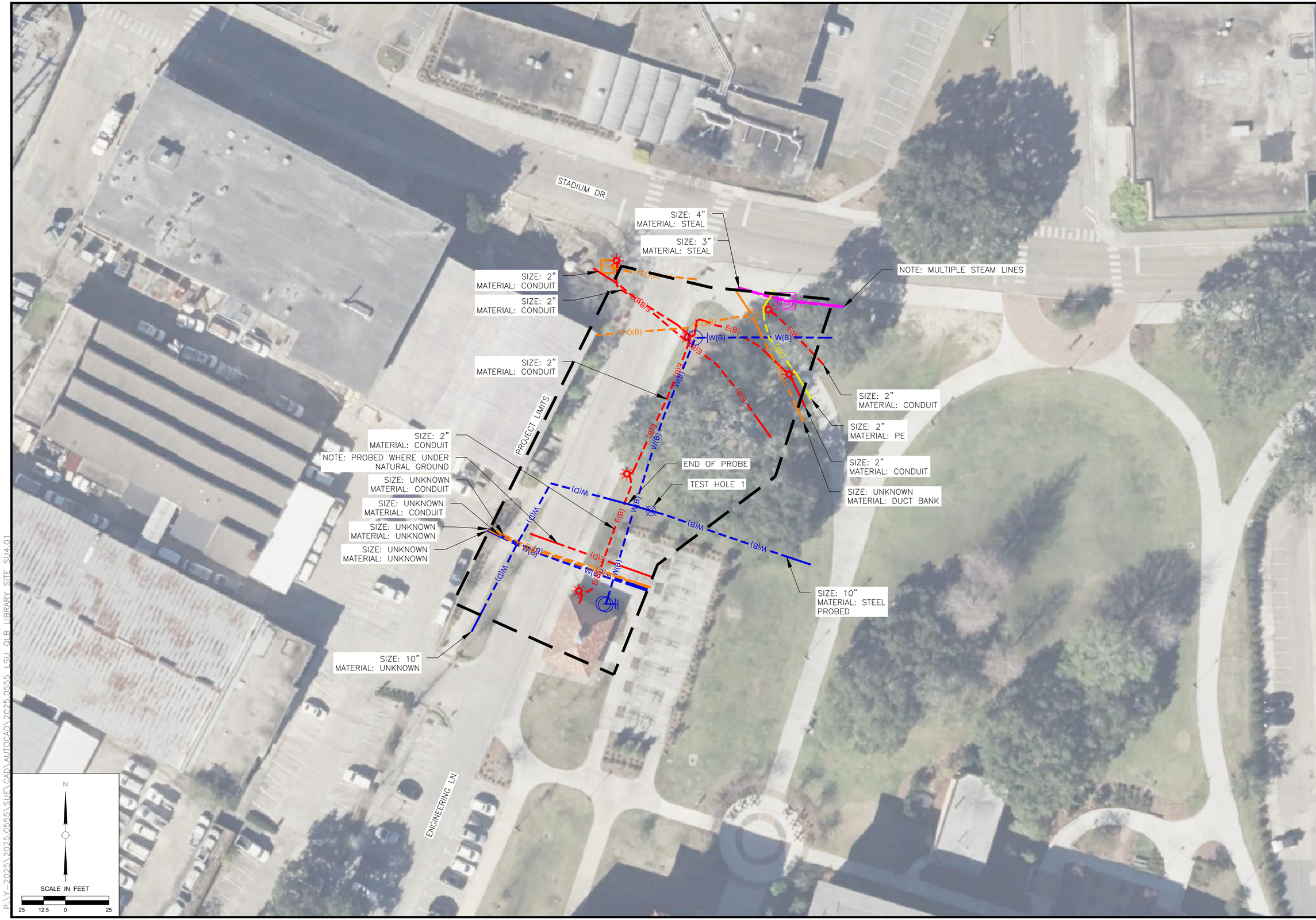
NO.	DESCRIPTION	DATE
1	ADDED TEST HOLES & REVISED UTILITY LINES	1/9/25
2	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 1.9.2025

SHEET NO.
SU3.02



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COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

SU4.01 SUB-SURFACE UTILITY - ENGINEERING LANE

STATE OF LOUISIANA
TJ BEAU STOKES
License No. 40079
PROFESSIONAL ENGINEER

ATTENTION:
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1"

REVISIONS

NO.	DESCRIPTION	DATE
1	UPDATING LINE WORK	6/10/25
2	PROJECT NAME CHANGE	6/10/25

DRAWN BY: RLR

CHECKED BY: TBS

DATE: 5.19.2025

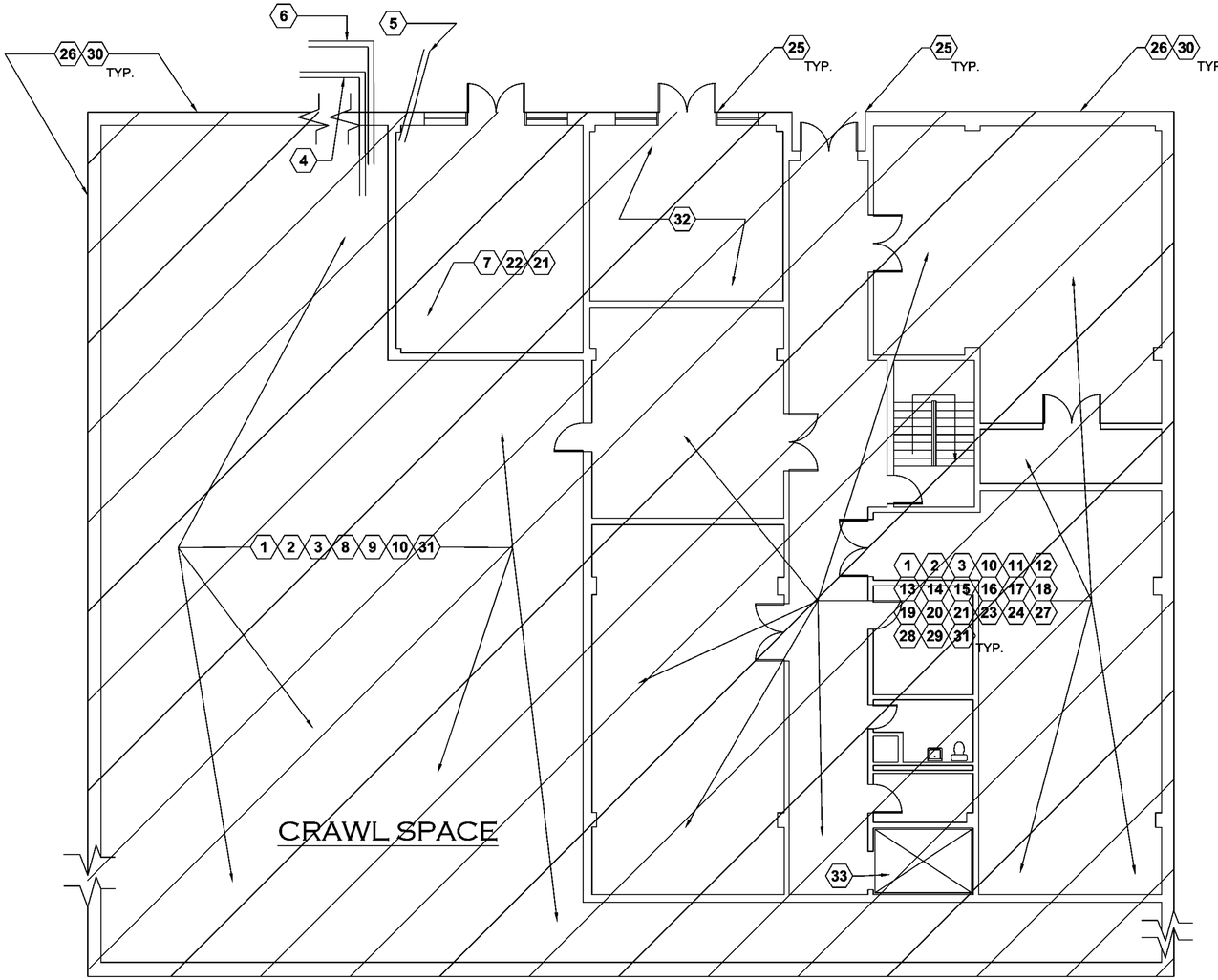
SHEET NO. SU4.01

CONSTRUCTION DOCUMENTS

C:\USERS\BEN.ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22 ELECTRICAL ENGINEERING\RCG CAD FILES

ELECTRICAL ENGINEERING BUILDING BASEMENT, CRAWL SPACE AND BUILDING UNDERGROUND UTILITY SHEET NOTES:

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE SHEET NOTES, THE DOCUMENTS, SPECIFICATIONS AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL THE WORK DESCRIBED HEREIN SHALL BE PERFORMED BY THE ENVIRONMENTAL CONTRACTOR USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND SHOULD NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING THE 480V POWER TO THE BUILDING AND WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS. NOTE: THE CONTRACTOR SHALL COORDINATE WITH LSU ELECTRICAL STAFF AND THE GENERAL CONTRACTOR IN ADVANCE, TO VERIFY AND MARK ELECTRICAL CONDUITS TRAVERSING THE CRAWL SPACE AND LOWER LEVELS OF THE BUILDING FEEDING OTHER LOCATIONS ON THE SITE THAT MUST REMAIN IN SERVICE.
4. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE UNDERGROUND GAS SERVICE PIPING AND COATING/INSULATION AND DISPOSE OF THE COATING/INSULATION AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE BUILDING GAS SERVICE GOES UNDERGOUND AT THE BUILDING SLAB AND RUNS UNDERGROUND TO A DISCONNECT LOCATION ALONG SOUTH CAMPUS DRIVE (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)
5. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE STEAM AND CONDENSATE AND WATER PIPING AND INSULATION FROM THE UNDERGROUND STEAM AND CONDENSATE SERVICE, FROM THE BUILDING SLAB TO THE DISCONNECT LOCATION AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (NOTE: THE STEAM AND CONDENSATE LINES RUN UNDERGROUND IN CONCRETE TRENCHES AND DIRECT BURIED IN GILSULATE WEATHERPROOF INSULATION TRAVERSING THE SITE. THE CONTRACTOR SHALL REMOVE THE WATER, SILT AND ASBESTOS-CONTAINING PIPING INSULATION DEBRIS MATERIALS EXISTING WITHIN THE UTILITY TRENCHES, CLEAN CONCRETE SURFACES AND DISPOSE OF WATER, SILT AND DEBRIS AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR TO LOCATE THE DISCONNECT LOCATIONS AND ASSIST TO CAP THE PIPE. EXCAVATE AS NECESSARY FOR ACCESS AND SAWCUT CONCRETE PAVEMENT AS NECESSARY FOR ACCESS. (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)
6. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE CHILLED WATER SUPPLY AND RETURN PIPING AND INSULATION FROM THE UNDERGROUND CHILLED WATER SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. ADDITIONALLY, THE CONTRACTOR SHALL REMOVE UNDERGROUND CHILLED WATER SUPPLY AND RETURN PIPING INSULATION AT VALVES IN CONCRETE BOXES TO THE DISCONNECT LOCATIONS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR TO LOCATE THE DISCONNECT LOCATIONS AND ASSIST TO CAP THE PIPE. EXCAVATE AS NECESSARY FOR ACCESS AND SAWCUT CONCRETE PAVEMENT AS NECESSARY. THE CONTRACTOR SHALL REMOVE THE WATER, SILT AND ASBESTOS-CONTAINING PIPING INSULATION DEBRIS MATERIALS EXISTING WITHIN THE UTILITY TRENCHES, CLEAN CONCRETE SURFACES AND DISPOSE OF WATER, SILT AND DEBRIS AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)
7. THE CONTRACTOR SHALL REMOVE THE BUILDING UTILITY AND DRAIN SUMPS/PIT WATERPROOFING MATERIALS, CLEAN DEBRIS FROM PIT AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
8. THE CONTRACTOR SHALL REMOVE THE REMAINING CRAWL SPACE EQUIPMENT, CONTENTS AND RECYCLE MATERIALS AND EQUIPMENT WHEREVER POSSIBLE.
9. THE CONTRACTOR SHALL REMOVE PIPING INSULATION, DEBRIS MATERIALS AND UP TO TWO (2) INCHES OF SOIL AND DEBRIS MATERIAL THROUGHOUT THE CRAWL SPACE (BENEATH THE BUILDING FOOTPRINT EXCEPT FOR THE BASEMENT ROOMS WHICH ARE SLAB ON GRADE), AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40. NOTE: THE PIPING IS SHOWN SCHEMATICALLY HOWEVER ALL INSULATION MATERIALS SHALL BE REMOVED.
10. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, (INCLUDING THE PIPES AND DUCTS PENETRATING THROUGH THE CONCRETE SLAB AND STRUCTURE) EQUIPMENT, DUCT AND FLUE LINING IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
11. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED AND SALVAGED OR DISPOSED OF. THE CONTRACTOR SHALL REMOVE THE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS; RECYCLE MATERIALS WHENEVER POSSIBLE. THE OWNER HAS THE FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS; AND THE CHILL WATER LITHIUM BROMIDE SOLUTION WITHIN THE CHILLED WATER PIPING SYSTEM SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
12. THE CONTRACTOR SHALL REMOVE THE BUILDING CONTENTS AND SUSPENDED CEILING SYSTEM; AND RECYCLE MATERIALS WHENEVER POSSIBLE. THE CONTRACTOR SHALL NOTE: CERTAIN BUILDING CONTENTS AND CEILING MATERIALS MAY CONTAIN DEBRIS MATERIALS FROM DAMAGED ASBESTOS-CONTAINING PIPING INSULATION MATERIALS, RELATED TO THE PIPING INSULATION FROM THE HOT WATER AND CHILLED WATER SUPPLY AND RETURN PIPING. THE CONTRACTOR SHALL DISPOSE OF THESE MATERIALS AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE BASEMENT FLOOR TILE, BASE AND MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, TRASH CHUTES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS COLUMN SURROUNDS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
15. THE CONTRACTOR SHALL REMOVE THE SUSPENDED CEILINGS, INSULATION BATTS AND MATERIALS AND EQUIPMENT SUPPORTED BY THE CEILING AND GRID THROUGH OUT AND DISPOSE OF THESE MATERIALS FROM THE BUILDING FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS.
16. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
17. THE CONTRACTOR SHALL REMOVE THE COOLER, SHOWER AND LABORATORY CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING, LEAD PAN AND MASTIC LAYERS TO CONCRETE AND PLASTER SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC/WATERPROOFING AND LEAD MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
18. THE CONTRACTOR SHALL REMOVE PEGBOARD WALLS IN SHOPS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
19. THE CONTRACTOR SHALL REMOVE THE TRANSITE WALL SYSTEM AND CMU WALL COATING THROUGHOUT AND DEBRIS MATERIALS IN SHOPS, CLASSROOMS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL REMOVE THE POTABLE, STEAM, CONDENSATE AND CONDENSATE DRAIN LINES, HOT AND CHILLED WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON PIPING AND PIPING EXPANSION JOINTS, HEAT EXCHANGES, COMPRESSOR TANK, CONDENSER PUMP, TANK AND PIPING RISER INSULATION THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: REMOVE PIPING INSULATION MATERIALS WHERE THEY EXISTS THROUGH OUT THE BUILDING AND STRUCTURE, DECK, FLOORS, WALLS AND CEILING; PIPE AND ROUTING ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY; HOWEVER, ALL WATER, STEAM AND RADIATORS, HOT AND CHILLED WATER PIPING INSULATION MATERIALS SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING. NOTE: PIPING RUNS THROUGHOUT THE BUILDING IN RISERS ENCLOSED WITHIN PLASTER CHASES.
21. THE CONTRACTOR SHALL REMOVE METALBESTOS VENT AND FLUES AND TRANSITE ELECTRICAL PANEL BACKING MATERIAL THROUGHOUT THE BUILDING AND DISPOSED OF AS ASBESTOS-CONTANING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40
22. THE CONTRACTOR SHALL CLEAN AND MAINTAIN THE BASEMENT SUMP PUMP SYSTEM, PIPING AND ELECTRICAL SERVICE THROUGH OUT THE ENVIRONMENTAL PHASE OF THE WORK AND REMOVE AND DISPOSE PIPING INSULATION MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
23. THE CONTRACTOR SHALL REMOVE THE METAL SINK BOTTOM SPRAY COATING MATERIALS, CAULK AND TACK BOARD GLUE DOT MASTIC AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
24. THE CONTRACTOR SHALL REMOVE THE DILUTION SINKS AND TANKS, RECTIFIER, LEAD PIPING AND LEAD-LINED WALLS AND DISPOSE OF IN ACCORDANCE WITH FEDERAL AND STATE REQUIREMENTS. THE CONTRACTOR SHALL TCLP MATERIALS IN THE PRESENCE OF THE THIRD-PARTY AIR MONITORING FIRM (IF NECESSARY) TO ENSURE PROPER DISPOSAL.
25. THE CONTRACTOR SHALL REMOVE THE CAULK FROM THE DOOR FRAME TO BRICK AND CONCRETE SURFACES AND INSULATED FIRE DOORS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
26. THE CONTRACTOR SHALL REMOVE THE WINDOW FRAME, CONCRETE SILL AND GLAZING CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
27. THE CONTRACTOR SHALL REMOVE THE LABORATORY TRANSITE CABINET TOPS, SINKS, FUME HOOD LININGS AND CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CHEMICALS WILL BE REMOVED BY LSU IN ADVANCE OF THE BEGINNING OF WORK.
28. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
29. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
30. THE CONTRACTOR SHALL REMOVE THE BUILDING EXTERIOR CMU WALL, WINDOW AND SLAB FLASHING AND WATERPROOFING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THESE MATERIALS EXIST ON THE EXTERIOR CMU WALL SURFACES BEHIND THE BRICK FAÇADE. (THE CONTRACTOR SHALL NOTE THE COATING ON THE INTERIOR SIDE OF THE CMU WALL CONTAINS ASBESTOS AND SHALL BE REMOVED AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
31. THE CONTRACTOR SHALL REMOVE THE FELT/FLASHING/CUTBACK ASPHALT AND MASTIC APPLIED TO THE STRUCTUAL CONCRETE GRADE BEAMS AND SLAB IN DIRECT CONTACT WITH THE SOIL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. NOTE: THE CONTRACTOR SHALL RETURN TO THE SITE TO REMOVE THIS FELT/FLASHING MATERIAL AFTER THE DEMOLITION OF THE SLAB IS NEARING COMPLETION AND TO REMOVE AND DISPOSE OF THE BELOW-THE-SLAB INSULATED PIPING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
32. THE CONTRACTOR SHALL TEST THE TRANSFORMER OIL (TRANSFORMERS EXIST THROUGHOUT THE BUILDING - 6 EACH); FOR THE PRESENCE OF PCB'S PRIOR TO THE DISPOSAL OF THE TRANSFORMER OIL AND RINSATE IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
33. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE ELEVATOR HYDRAULIC OIL IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.



LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE BASEMENT AND CRAWLSPACE PIPING INSULATION, CONTAMINATED SOIL, FLOOR TILE AND MASTIC; CERAMIC FLOOR, DOOR FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION; DUCT AND FLUE INSULATION WRAP, JOINT SEALANT AND TAPE; REMOVAL, CLEAN CRAWL SPACE CONCRETE SURFACES AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 33).

(1) DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.

BASEMENT AND CRAWL SPACE FLOOR PLAN

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25

HARRY RAYNER — DATE

CERTIFICATE NO. AD114302

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV EE BUILDING BASEMENT

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR

CHECKED BY: HAR

DATE: 6/27/2025

SHEET NO. EV01.00

CONSTRUCTION DOCUMENTS

C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22\ELECTRICAL ENGINEERING\RCG CAD FILES

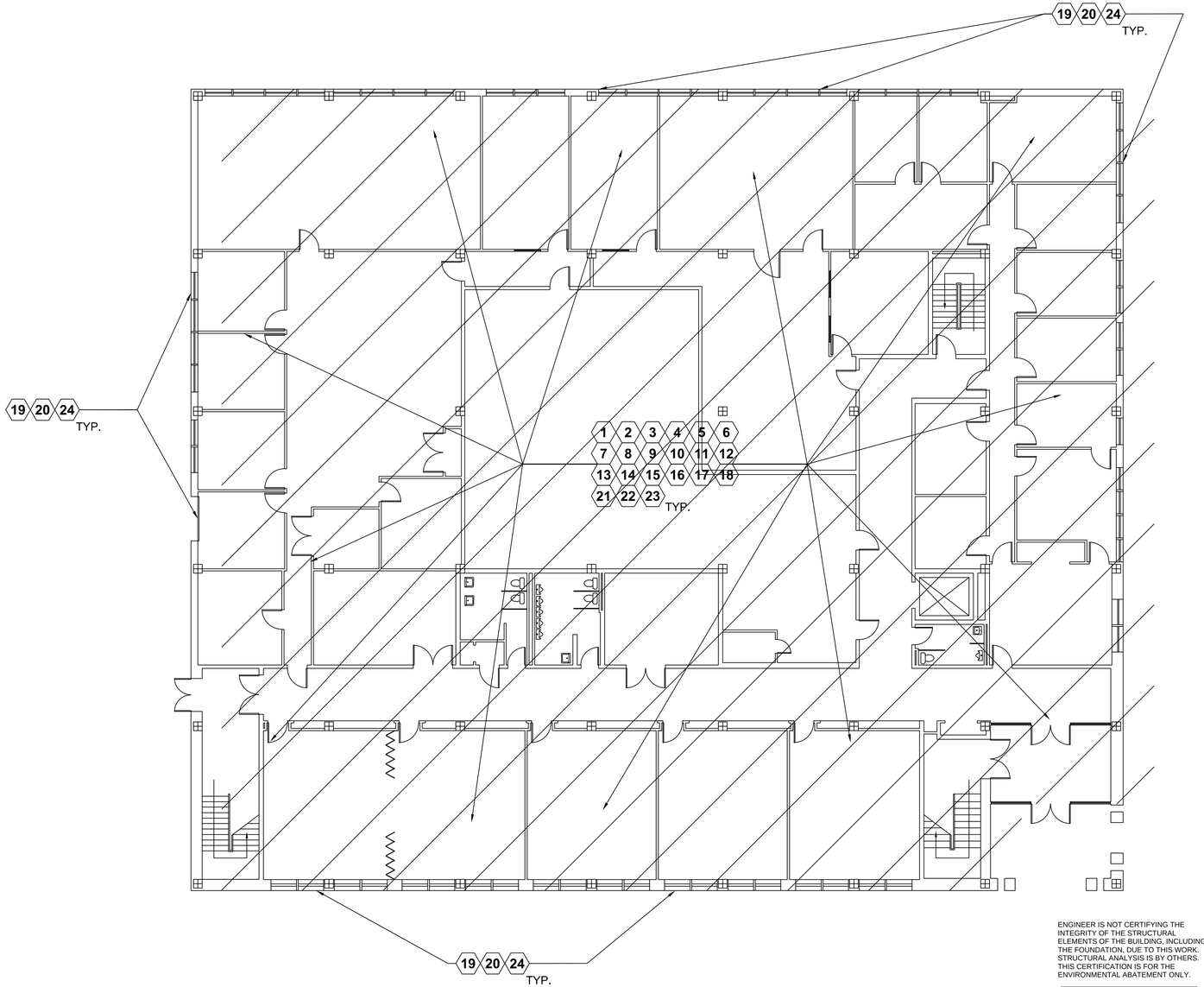
ELECTRICAL ENGINEERING BUILDING FIRST FLOOR SHEET NOTES:

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING THE 480V POWER TO THE BUILDING AND WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS. THE OWNER HAS FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS; AND THE CHILL WATER LITHIUM BROMIDE SOLUTION WITHIN THE CHILLED WATER PIPING SYSTEM SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE BUILDING CONTENTS AND SUSPENDED CEILING SYSTEM; AND RECYCLE MATERIALS WHEREVER POSSIBLE. THE CONTRACTOR SHALL NOTE: CERTAIN BUILDING CONTENTS AND CEILING MATERIALS MAY CONTAIN DEBRIS MATERIALS FROM DAMAGED ASBESTOS-CONTAINING PIPING INSULATION MATERIALS, RELATED TO THE PIPING INSULATION FROM THE HOT WATER AND CHILLED WATER SUPPLY AND RETURN PIPING. THE CONTRACTOR SHALL DISPOSE OF THESE MATERIALS AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE AND MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
7. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, TRASH CHUTES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS COLUMN SURROUNDS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
8. THE CONTRACTOR SHALL REMOVE THE SUSPENDED CEILINGS, INSULATION BATTS AND MATERIALS AND EQUIPMENT SUPPORTED BY THE CEILING AND GRID THROUGH OUT AND DISPOSE OF THESE MATERIALS FROM THE BUILDING FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS.
9. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
10. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING, LEAD PAN AND MASTIC LAYERS TO CONCRETE AND PLASTER SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC/WATERPROOFING AND LEAD MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
11. THE CONTRACTOR SHALL REMOVE PEGBOARD WALLS IN SHOPS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE TRANSITE WALL SYSTEM THROUGHOUT AND DEBRIS MATERIALS IN SHOPS, CLASSROOMS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE CMU COATING ON THE INTERIOR SIDE OF THE CMU WALL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, (INCLUDING THE PIPES AND DUCTS PENETRATING THROUGH THE CONCRETE SLAB AND STRUCTURE) EQUIPMENT, DUCT AND FLUE LINING IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE POTABLE WATER, STEAM, CONDENSATE AND CONDENSATE DRAIN LINES, HOT AND CHILLED WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON PIPING AND PIPING EXPANSION JOINTS, AND RELATED EQUIPMENT, TANKS AND PIPING RISER INSULATION THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: REMOVE PIPING INSULATION MATERIALS WHERE THEY EXISTS THROUGH OUT THE BUILDING AND STRUCTURE, DECK, FLOORS, WALLS AND CEILING; PIPE AND ROUTING ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY; HOWEVER, ALL WATER, STEAM AND RADIATORS, HOT AND CHILLED WATER PIPING INSULATION MATERIALS (AND APPROXIMATELY 28 PIPING RISERS), SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING. NOTE: PIPING RUNS THROUGHOUT THE BUILDING IN RISERS ENCLOSED WITHIN PLASTER AND CMU WALL CHASES.
16. THE CONTRACTOR SHALL REMOVE METALBESTOS VENT AND FLUES AND TRANSITE ELELCTRICAL PANEL BACKING MATERIAL THROUGHOUT THE BUILDING AND DISPOSED OF AS ASBESTOS-CONTANING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40
17. THE CONTRACTOR SHALL REMOVE THE METAL SINK BOTTOM SPRAY COATING MATERIALS, CAULK AND TACK BOARD GLUE DOT MASTIC AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
18. THE CONTRACTOR SHALL REMOVE THE DILUTION SINKS AND TANKS, RECTIFIER AND LEAD PIPING AND LEAD-LINED WALLS AND DISPOSE OF IN ACCORDANCE WITH FEDERAL AND STATE REQUIREMENTS. THE CONTRACTOR SHALL TCLP MATERIALS IN THE PRESENCE OF THE THIRD-PARTY AIR MONITORING FIRM (IF NECESSARY) TO ENSURE PROPER DISPOSAL.
19. THE CONTRACTOR SHALL REMOVE THE CAULK FROM THE DOOR FRAME TO BRICK AND CONCRETE COLUMN SURFACES AND INSULATED FIRE DOORS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL REMOVE THE WINDOW FRAME, CONCRETE SILL AND GLAZING CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
21. THE CONTRACTOR SHALL REMOVE THE LABORATORY TRANSITE CABINET TOPS, SINKS, FUME HOOD LININGS AND CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CHEMICALS WILL BE REMOVED BY LSU IN ADVANCE OF THE BEGINNING OF WORK.
22. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
23. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
24. THE CONTRACTOR SHALL REMOVE THE BUILDING EXTERIOR CMU WALL AND WINDOW FLASHING AND WATERPROOFING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THESE MATERIALS EXIST ON THE EXTERIOR CMU WALL SURFACES BEHIND THE BRICK FAÇADE.

LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE PIPING INSULATION, CONTAMINATED SOIL, FLOOR TILE AND MASTIC; CERAMIC FLOOR, DOOR FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION; DUCT AND FLUE INSULATION WRAP, JOINT SEALANT AND TAPE; REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 24)

1 DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.



ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25

HARRY RAYNER DATE

CERTIFICATE NO. AD114302

1ST FLOOR PLAN

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV EE BUILDING FIRST FLOOR

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER IN ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR

CHECKED BY: HAR

DATE: 6/27/2025

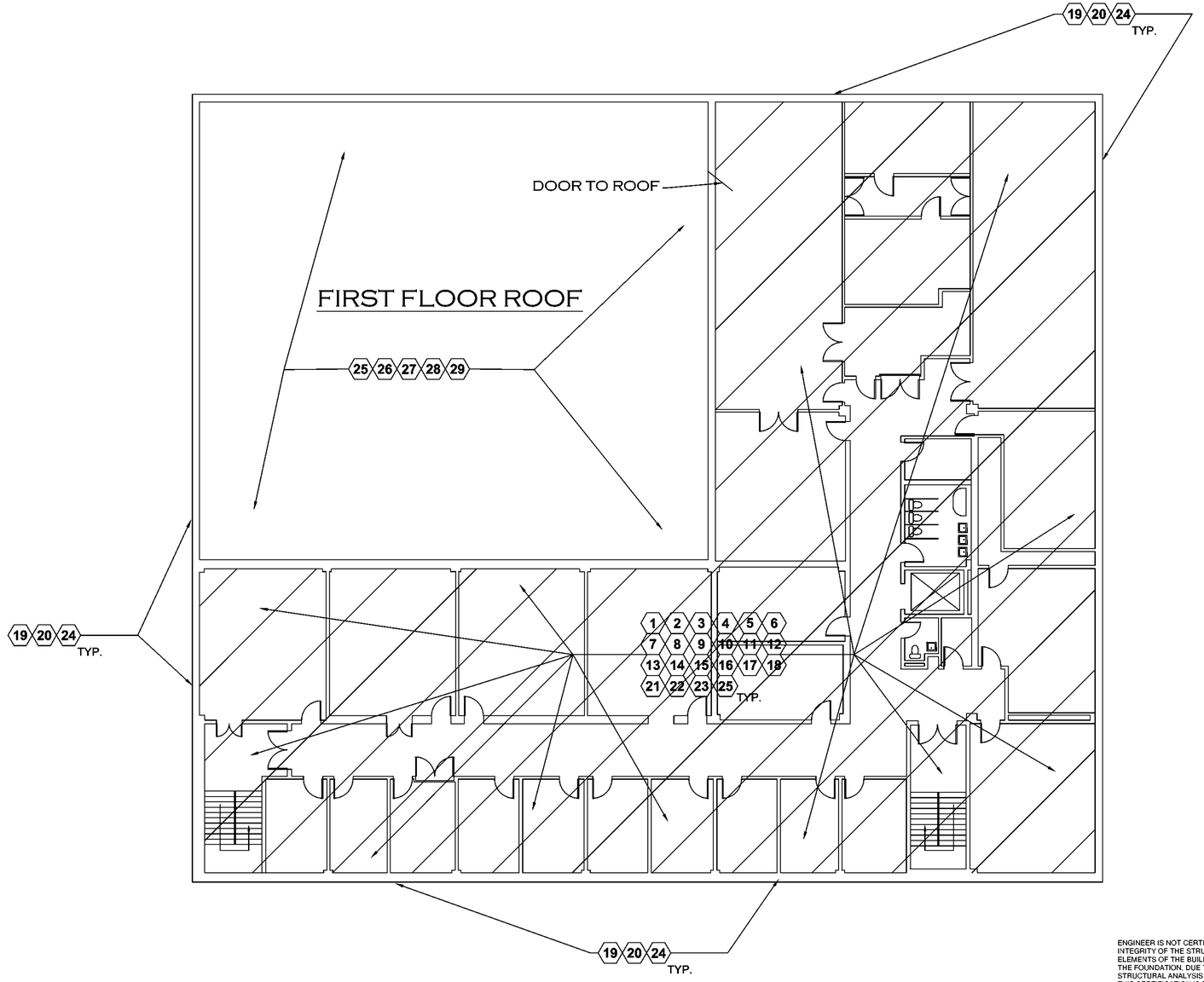
SHEET NO.
EV01.01

CONSTRUCTION DOCUMENTS

C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22\ELECTRICAL ENGINEERING\RCG CAD FILES

ELECTRICAL ENGINEERING BUILDING SECOND FLOOR AND FIRST FLOOR ROOF SHEET NOTES:

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING THE 480V POWER TO THE BUILDING AND WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS. THE OWNER HAS FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS; AND THE CHILL WATER LITHIUM BROMIDE SOLUTION WITHIN THE CHILLED WATER PIPING SYSTEM SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE BUILDING CONTENTS AND SUSPENDED CEILING SYSTEM; AND RECYCLE MATERIALS WHEREVER POSSIBLE. THE CONTRACTOR SHALL NOTE: CERTAIN BUILDING CONTENTS AND CEILING MATERIALS MAY CONTAIN DEBRIS MATERIALS FROM DAMAGED ASBESTOS-CONTAINING PIPING INSULATION MATERIALS, RELATED TO THE PIPING INSULATION FROM THE HOT WATER AND CHILLED WATER SUPPLY AND RETURN PIPING. THE CONTRACTOR SHALL DISPOSE OF THESE MATERIALS AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE AND MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
7. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, TRASH CHUTES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS COLUMN SURROUNDS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
8. THE CONTRACTOR SHALL REMOVE THE SUSPENDED CEILINGS, INSULATION BATTS AND MATERIALS AND EQUIPMENT SUPPORTED BY THE CEILING AND GRID THROUGH OUT AND DISPOSE OF THESE MATERIALS FROM THE BUILDING FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS.
9. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
10. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING, LEAD PAN AND MASTIC LAYERS TO CONCRETE AND PLASTER SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC/WATERPROOFING AND LEAD MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
11. THE CONTRACTOR SHALL REMOVE PEGBOARD WALLS IN SHOPS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE TRANSITE WALL SYSTEM THROUGHOUT AND DEBRIS MATERIALS IN SHOPS, CLASSROOMS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE CMU COATING ON THE INTERIOR SIDE OF THE CMU WALL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, (INCLUDING THE PIPES AND DUCTS PENETRATING THROUGH THE CONCRETE SLAB AND STRUCTURE) EQUIPMENT, DUCT AND FLUE LINING IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE POTABLE WATER, STEAM, CONDENSATE AND CONDENSATE DRAIN LINES, HOT AND CHILLED WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON PIPING AND PIPING EXPANSION JOINTS, AND RELATED EQUIPMENT, TANKS AND PIPING RISER INSULATION THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: REMOVE PIPING INSULATION MATERIALS WHERE THEY EXISTS THROUGH OUT THE BUILDING AND STRUCTURE, DECK, FLOORS, WALLS AND CEILING; PIPE AND ROUTING ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY; HOWEVER, ALL WATER, STEAM AND RADIATORS, HOT AND CHILLED WATER PIPING INSULATION MATERIALS (AND APPROXIMATELY 28 PIPING RISERS), SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING. NOTE: PIPING RUNS THROUGHOUT THE BUILDING IN RISERS ENCLOSED WITHIN PLASTER AND CMU WALL CHASES.
16. THE CONTRACTOR SHALL REMOVE METALBESTOS VENT AND FLUES AND TRANSITE ELECTRICAL PANEL BACKING MATERIAL THROUGHOUT THE BUILDING AND DISPOSED OF AS ASBESTOS-CONTANING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40
17. THE CONTRACTOR SHALL REMOVE THE METAL SINK BOTTOM SPRAY COATING MATERIALS, CAULK AND TACK BOARD GLUE DOT MASTIC AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
18. THE CONTRACTOR SHALL REMOVE THE DILUTION SINKS AND TANKS, RECTIFIER AND LEAD PIPING AND LEAD-LINED WALLS AND DISPOSE OF IN ACCORDANCE WITH FRDERAL AND STATE REQUIREMENTS. THE CONTRACTOR SHALL TCLP MATERIALS IN THE PRESENCE OF THE THIRD-PARTY AIR MONITORING FIRM (IF NECESSARY) TO ENSURE PROPER DISPOSAL.
19. THE CONTRACTOR SHALL REMOVE THE CAULK FROM THE DOOR FRAME TO BRICK AND CONCRETE COLUMN SURFACES AND INSULATED FIRE DOORS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL REMOVE THE WINDOW FRAME, CONCRETE SILL AND GLAZING CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
21. THE CONTRACTOR SHALL REMOVE THE LABORATORY TRANSITE CABINET TOPS, SINKS, FUME HOOD LININGS AND CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CHEMICALS WILL BE REMOVED BY LSU IN ADVANCE OF THE BEGINNING OF WORK.
22. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
23. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
24. THE CONTRACTOR SHALL REMOVE THE BUILDING EXTERIOR CMU WALL AND WINDOW AND ROOF-LINED FLASHING AND WATERPROOFING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THESE MATERIALS EXIST ON THE EXTERIOR CMU WALL SURFACES BEHIND THE BRICK FAÇADE.
25. THE CONTRACTOR SHALL REMOVE THE ASBESTOS-CONTAINING CAULK FROM THE CONCRETE COLUMN AND WALL ALONG WITH COPPER FLASHING AND RELATED MASTIC AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMOVE THE WINDOW CAULKING DEBRIS EXISTING LOOSE ON THE GROUND AND LANDSCAPING (FOR A 10 FOOT PERIMETER PATH) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
26. THE CONTRACTOR SHALL REMOVE EXTERIOR ROOF UPPER WALL AND PARAPET CAP WATERPROOFING FLASHING MATERIALS AT ROOFING LEVEL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
27. THE CONTRACTOR SHALL REMOVE THE ROOF HVAC EQUIPMENT AND DUCTS (AS NECESSARY) FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS; REMOVE IN THEIR ENTIRETY AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 82 40. THE REMAINING HVAC EQUIPMENT MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE MATERIALS WHENEVER POSSIBLE.
28. THE CONTRACTOR SHALL REMOVE THE ROOF MOUNTED THERMAL SYSTEM INSULATION, DUCT COATING AND EXHAUST FAN COATING, CAULKING, INSULATION AND VIBRATION CLOTH AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
29. THE CONTRACTOR SHALL REMOVE THE ROOF PERIMETER PARAPET FLASHING MATERIAL AND THE FLASHING MATERIALS AT ALL HARD PENETRATIONS (EXHAUST FANS, DRAINS, SKYLIGHTS, PARAPET CAP AND OTHER HARD PENETRATIONS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (FLASHING EXISTS APPROXIMATELY THREE FOOT WIDE ALONG BUILDING PERIMETER, AT HARD PENETRATIONS, ROOF DRAINS AND BENEATH THE PARAPET CAP)



LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE PIPING INSULATION, CONTAMINATED SOIL, FLOOR TILE AND MASTIC; CERAMIC FLOOR, DOOR FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION; DUCT AND FLUE INSULATION WRAP, JOINT SEALANT AND TAPE; REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES, CAULKING, ROOFING FLASHING MATERIALS AT ROOF PERIMETER. PARAPET AND HARD ROOFING PENETRATION AND DRAINS; AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 29)

(1) DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.

2ND FLOOR AND FIRST FLOOR ROOF PLAN
NTS

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

ASBESTOS ABATEMENT DESIGNER

HarryRayner 6/27/25
HARRY RAYNER DATE
CERTIFICATE NO. AD114382

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV EE BUILDING SECOND FLOOR

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER
IN ENVIRONMENTAL ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR

CHECKED BY: HAR

DATE: 6/27/2025

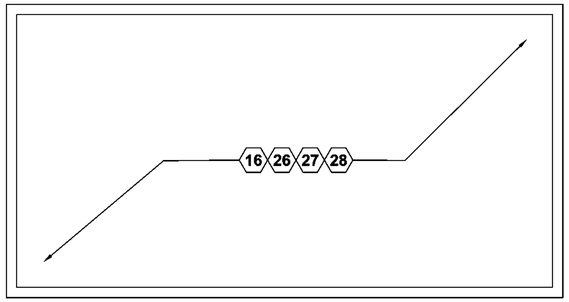
SHEET NO. EV01.02

CONSTRUCTION DOCUMENTS

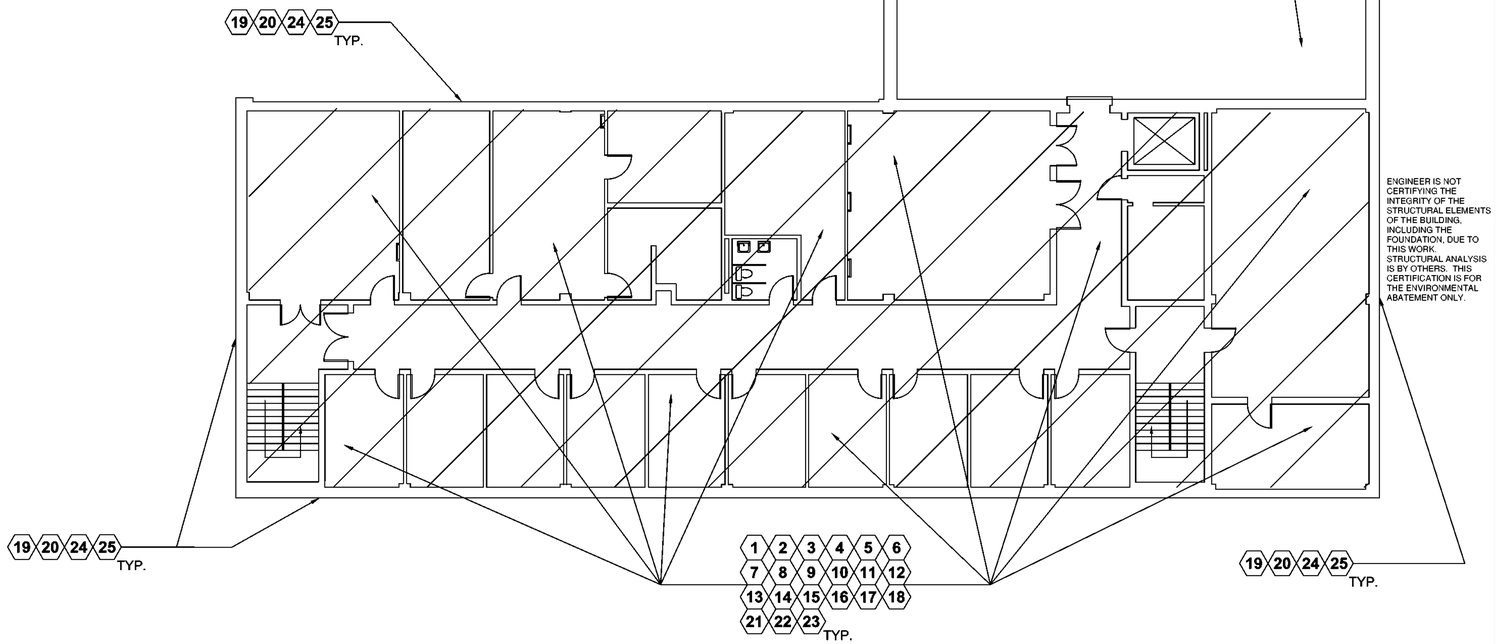
C:\USERS\BEN.ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22 ELECTRICAL ENGINEERING\RCG CAD FILES

ELECTRICAL ENGINEERING BUILDING THIRD FLOOR, ATTIC AND SECOND FLOOR ROOF SHEET NOTES:

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING THE 480V POWER TO THE BUILDING AND WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE THE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS RECYCLED OR REMOVED AND DISPOSED OF. THE OWNER HAS THE FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS; AND THE CHILL WATER LITHIUM BROMIDE SOLUTION WITHIN THE CHILLED WATER PIPING SYSTEM SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE BUILDING CONTENTS AND SUSPENDED CEILING SYSTEM; AND RECYCLE MATERIALS WHEREVER POSSIBLE. THE CONTRACTOR SHALL NOTE: CERTAIN BUILDING CONTENTS AND CEILING MATERIALS MAY CONTAIN DEBRIS MATERIALS FROM DAMAGED ASBESTOS-CONTAINING PIPING INSULATION MATERIALS, RELATED TO THE PIPING INSULATION FROM THE HOT WATER AND CHILLED WATER SUPPLY AND RETURN PIPING. THE CONTRACTOR SHALL DISPOSE OF THESE MATERIALS AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE AND MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
7. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, TRASH CHUTES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS COLUMN SURROUNDS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
8. THE CONTRACTOR SHALL REMOVE THE SUSPENDED CEILINGS, INSULATION BATTS AND MATERIALS AND EQUIPMENT SUPPORTED BY THE CEILING AND GRID THROUGH OUT AND DISPOSE OF THESE MATERIALS FROM THE BUILDING FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS.
9. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
10. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING, LEAD PAN AND MASTIC LAYERS TO CONCRETE AND PLASTER SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC/WATERPROOFING AND LEAD MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
11. THE CONTRACTOR SHALL REMOVE PEGBOARD WALLS IN SHOPS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE TRANSITE WALL SYSTEM THROUGHOUT AND DEBRIS MATERIALS IN SHOPS, CLASSROOMS AND LABS AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE CMU COATING ON THE INTERIOR SIDE OF THE CMU WALL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, (INCLUDING THE PIPES AND DUCTS PENETRATING THROUGH THE CONCRETE SLAB AND STRUCTURE) EQUIPMENT, DUCT AND FLUE LINING IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE POTABLE WATER, STEAM, CONDENSATE AND CONDENSATE DRAIN LINES, HOT AND CHILLED WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON PIPING AND PIPING EXPANSION JOINTS, AND RELATED EQUIPMENT, TANKS AND PIPING RISER INSULATION THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: REMOVE PIPING INSULATION MATERIALS WHERE THEY EXISTS THROUGH OUT THE BUILDING AND STRUCTURE, DECK, FLOORS, WALLS AND CEILING; PIPE AND ROUTING ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY; HOWEVER, ALL WATER, STEAM AND RADIATORS, HOT AND CHILLED WATER PIPING INSULATION MATERIALS (AND APPROXIMATELY 28 PIPING RISERS), SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING. NOTE: PIPING RUNS THROUGHOUT THE BUILDING IN RISERS ENCLOSED WITHIN PLASTER AND CMU WALL CHASES.
16. THE CONTRACTOR SHALL REMOVE METALBESTOS VENT AND FLUES AND TRANSITE ELECTRICAL PANEL BACKING MATERIAL THROUGHOUT THE BUILDING AND DISPOSED OF AS ASBESTOS-CONTANING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40
17. THE CONTRACTOR SHALL REMOVE THE METAL SINK BOTTOM SPRAY COATING MATERIALS, CAULK AND TACK BOARD GLUE DOT MASTIC AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
18. THE CONTRACTOR SHALL REMOVE THE DILUTION SINKS AND TANKS, RECTIFIER AND LEAD PIPING AND LEAD-LINED WALLS AND DISPOSE OF IN ACCORDANCE WITH FEDERAL AND STATE REQUIREMENTS. THE CONTRACTOR SHALL TCLP MATERIALS IN THE PRESENCE OF THE THIRD-PARTY AIR MONITORING FIRM (IF NECESSARY) TO ENSURE PROPER DISPOSAL.
19. THE CONTRACTOR SHALL REMOVE THE CAULK FROM THE DOOR FRAME TO BRICK AND CONCRETE COLUMN SURFACES AND INSULATED FIRE DOORS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL REMOVE THE WINDOW FRAME, CONCRETE SILL AND GLAZING CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
21. THE CONTRACTOR SHALL REMOVE THE LABORATORY TRANSITE CABINET TOPS, SINKS, FUME HOOD LININGS AND CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CHEMICALS WILL BE REMOVED BY LSU IN ADVANCE OF THE BEGINNING OF WORK.
22. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
23. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
24. THE CONTRACTOR SHALL REMOVE THE BUILDING EXTERIOR CMU WALL AND WINDOW AND ROOF-LINED FLASHING AND WATERPROOFING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THESE MATERIALS EXIST ON THE EXTERIOR CMU WALL SURFACES BEHIND THE BRICK FAÇADE.
25. THE CONTRACTOR SHALL REMOVE THE ASBESTOS-CONTAINING CAULK FROM THE CONCRETE COLUMN AND WALL ALONG WITH COPPER FLASHING AND RELATED MASTIC AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMOVE THE WINDOW CAULKING DEBRIS EXISTING LOOSE ON THE GROUND AND LANDSCAPING (FOR A 10-FOOT PERIMETER PATH) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
26. THE CONTRACTOR SHALL REMOVE THE ATTIC CONTENTS, AND SALVAGE MATERIALS WHEREVER POSSIBLE. THE CONTRACTOR SHALL NOTE: CERTAIN BUILDING CONTENTS AND CEILING MATERIALS MAY CONTAIN DEBRIS MATERIALS FROM DAMAGED ASBESTOS-CONTAINING PIPING INSULATION MATERIALS, RELATED TO DAMAGED PIPING INSULATION FROM THE HOT WATER AND CHILLED WATER PIPING. THE CONTRACTOR SHALL DISPOSE OF THESE MATERIALS AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
27. THE CONTRACTOR SHALL REMOVE THE ATTIC HOT, STEAM AND CHILLED WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON PIPING AND PIPING EXPANSION JOINTS, EQUIPMENT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: REMOVE PIPING INSULATION MATERIALS WHERE THEY EXISTS THROUGH OUT THE ATTIC. PIPE AND ROUTING ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY; HOWEVER, ALL PIPING INSULATION MATERIALS SHALL BE REMOVED PRIOR TO THE DEMOLITION WORK.
28. THE CONTRACTOR SHALL REMOVE THE ATTIC RUN FLEXIBLE CLOTH VIBRATION DAMPERS/CONNECTORS AND DUCT TAPE METALBESTOS AND OTHER FLUES THAT EXIST AND AS THEY PENETRATE THROUGH THE CLAY TILED ROOF.AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE REMAINING HVAC FAN EQUIPMENT MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS IN ACCORDANCE WITH 02 82 40.
29. THE CONTRACTOR SHALL REMOVE THE EXTERIOR ROOF UPPER WALL AND PARAPET CAP WATERPROOFING FLASHING MATERIALS AT ROOFING LEVEL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
30. THE CONTRACTOR SHALL REMOVE THE ROOF HVAC EQUIPMENT AND DUCTS (AS NECESSARY) FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS; REMOVE IN THEIR ENTIRETY AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 82 40. THE REMAINING HVAC EQUIPMENT MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE MATERIALS WHENEVER POSSIBLE.
31. THE CONTRACTOR SHALL REMOVE THE ROOF MOUNTED THERMAL SYSTEM INSULATION, DUCT COATING AND EXHAUST FAN COATING, CAULKING, INSULATION AND VIBRATION CLOTH AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
32. THE CONTRACTOR SHALL REMOVE THE ROOF PERIMETER PARAPET FLASHING MATERIAL AND THE FLASHING MATERIALS AT ALL HARD PENETRATIONS (EXHAUST FANS, DRAINS, SKYLIGHTS, PARAPET CAP AND OTHER HARD PENETRATIONS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (FLASHING EXISTS APPROXIMATELY THREE FOOT WIDE ALONG BUILDING PERIMETER, AT HARD PENETRATIONS, ROOF DRAINS AND BENEATH THE PARAPET CAP)



REDUCED ATTIC PLAN - NTS



ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE PIPING INSULATION, CONTAMINATED SOIL, FLOOR TILE AND MASTIC; CERAMIC FLOOR, DOOR FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION; DUCT AND FLUE INSULATION WRAP, JOINT SEALANT AND TAPE; REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES, CAULKING, THIRD FLOOR ATTIC ASBESTOS MATERIALS, ROOFING FLASHING MATERIALS AT ROOF PERIMETER. PARAPET AND HARD ROOFING PENETRATION AND DRAINS; AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 32)

(1) DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.

3RD FLOOR AND 2ND FLOOR ROOF PLAN
NTS.

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25
HARRY RAYNER — DATE
CERTIFICATE NO. AD114302

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643
ENV EE BUILDING THIRD FLOOR

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 45662
PROFESSIONAL ENGINEER
ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR
CHECKED BY: HAR
DATE: 6/27/2025
SHEET NO. EV01.03

CONSTRUCTION DOCUMENTS
C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025_06-22\VET SCIENCE\VET SCIENCE RCG CAD

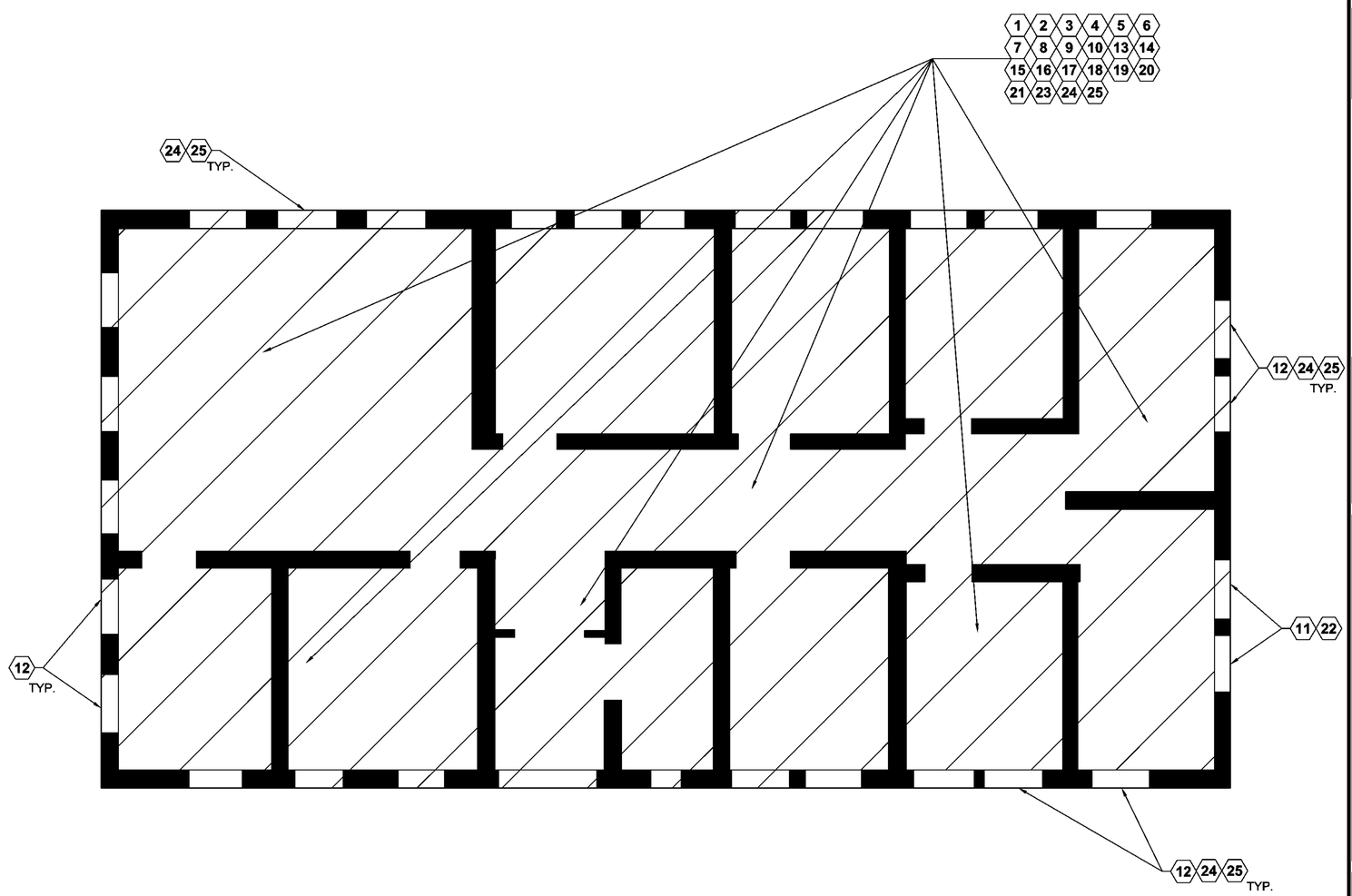
VET SCIENCE ANNEX BUILDING AND ATTIC SHEET NOTES EV02.00):

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING POWER TO THE WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS. THE OWNER HAS THE FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE, MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSE OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
7. THE CONTRACTOR SHALL REMOVE THE SUSPENDED TRANSITE CEILINGS AND INSULATION BATTS AND DISPOSE OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMOVE AMD DISPOSE OF MATERIALS AND EQUIPMENT SUPPORTED BY THE CEILING AND GRID THROUGH OUT AS NECESSARY FOR ACCESS TO REMOVE ASBESTOS-CONTAINING MATERIALS.
8. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
9. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING AND MASTIC LAYERS TO CONCRETE SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC WATERPROOFING MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
10. THE CONTRACTOR SHALL REMOVE TACK BOARDS AND MASTIC DOTS AND BACKING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
11. THE CONTRACTOR SHALL REMOVE THE EXTERIOR BLACK MASTIC PATCH MATERIALS ADHERED TO BRICK SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE EXTERIOR GLAZING AND FRAME CAULK FROM THE WINDOWS AND DOORS TO BRICK SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE INTERIOR GLAZING CAULK (THROUGHOUT) AND FRAME CAULK FROM THE WINDOWS AND ENTRANCE DOORS TO CERAMIC SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE INTERIOR DOOR FRAME CAULK TO CERAMIC SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, THROUGHOUT AND IN CEILINGS/ATTIC SPACE, AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
16. THE CONTRACTOR SHALL REMOVE THE INSULATED HOT WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON THE REST ROOM AND WATER PIPING THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: ALL PIPING AND INSULATION MATERIALS SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING.
17. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
18. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
19. THE CONTRACTOR SHALL REMOVE THE ASBESTOS-CONTAINING MASTIC AND COPPER FLASHING AND WATERPROOFING COATING MATERIALS FROM AROUND THE WINDOWS, AND AT SLAB LEVEL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL REMOVE THE ATTIC EXHAUST FAN VIBRATION CLOTH AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
21. THE CONTRACTOR SHALL REMOVE SLAB FLASHING MATERIALS ALONG THE ROOF PERIMETER, AT ALL HARD PENETRATIONS AND SKYLIGHTS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
22. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE UNDERGROUND GAS SERVICE PIPING AND COATING/INSULATION AND DISPOSE OF THE COATING/INSULATION AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE STEAM AND CONDENSATE AND WATER PIPING INSULATION FROM THE UNDERGROUND STEAM AND CONDENSATE WATER PIPING SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE CHILLED WATER SUPPLY AND RETURN PIPING AND INSULATION FROM THE UNDERGROUND CHILLED WATER SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. EXCAVATE AS NECESSARY FOR ACCESS AND SAWCUT CONCRETE PAVEMENT AS NECESSARY. THE CONTRACTOR SHALL REMOVE THE WATER, SILT AND ASBESTOS-CONTAINING PIPING INSULATION DEBRIS MATERIALS EXISTING WITHIN THE UTILITY TRENCHES, CLEAN CONCRETE SURFACES AND DISPOSE OF WATER, SILT AND DEBRIS AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)
23. THE CONTRACTOR SHALL REMOVE THE FELT/FLASHING/CUTBACK ASPHALT AND MASTIC APPLIED TO THE STRUCTUAL CONCRETE GRADE BEAMS AND SLAB IN DIRECT CONTACT WITH THE SOIL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. NOTE: THE CONTRACTOR SHALL RETURN TO THE SITE TO REMOVE THIS FELT/FLASHING MATERIAL AFTER THE DEMOLITION OF THE SLAB IS NEARING COMPLETION AND TO REMOVE AND DISPOSE OF THE BELOW-THE-SLAB INSULATED PIPING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
24. THE CONTRACTOR SHALL REMOVE THE TRANSITE SOFFIT MATERIALS AND CLEAN SOFFIT GRID AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
25. THE CONTRACTOR SHALL REMOVE THE TRANSITE SOFFIT DEBRIS MATERIALS ON THE GROUND AND ANY CONTAMINATED SOIL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.

LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE FLOOR TILE AND MASTIC; CERAMIC FLOOR, DOOR AND WINDOW CAULK, FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION, REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 25)

1 DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.



VET SCIENCE ANNEX BUILDING
- NTS

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25
HARRY RAYNER DATE
CERTIFICATE NO. AD114352

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGRING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV VET SCIENCE ANNEX BUILDING

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR
CHECKED BY: HAR
DATE: 6/27/2025
SHEET NO. EV02.00

CONSTRUCTION DOCUMENTS

C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22\VET SCIENCE\VET SCIENCE RCG CAD

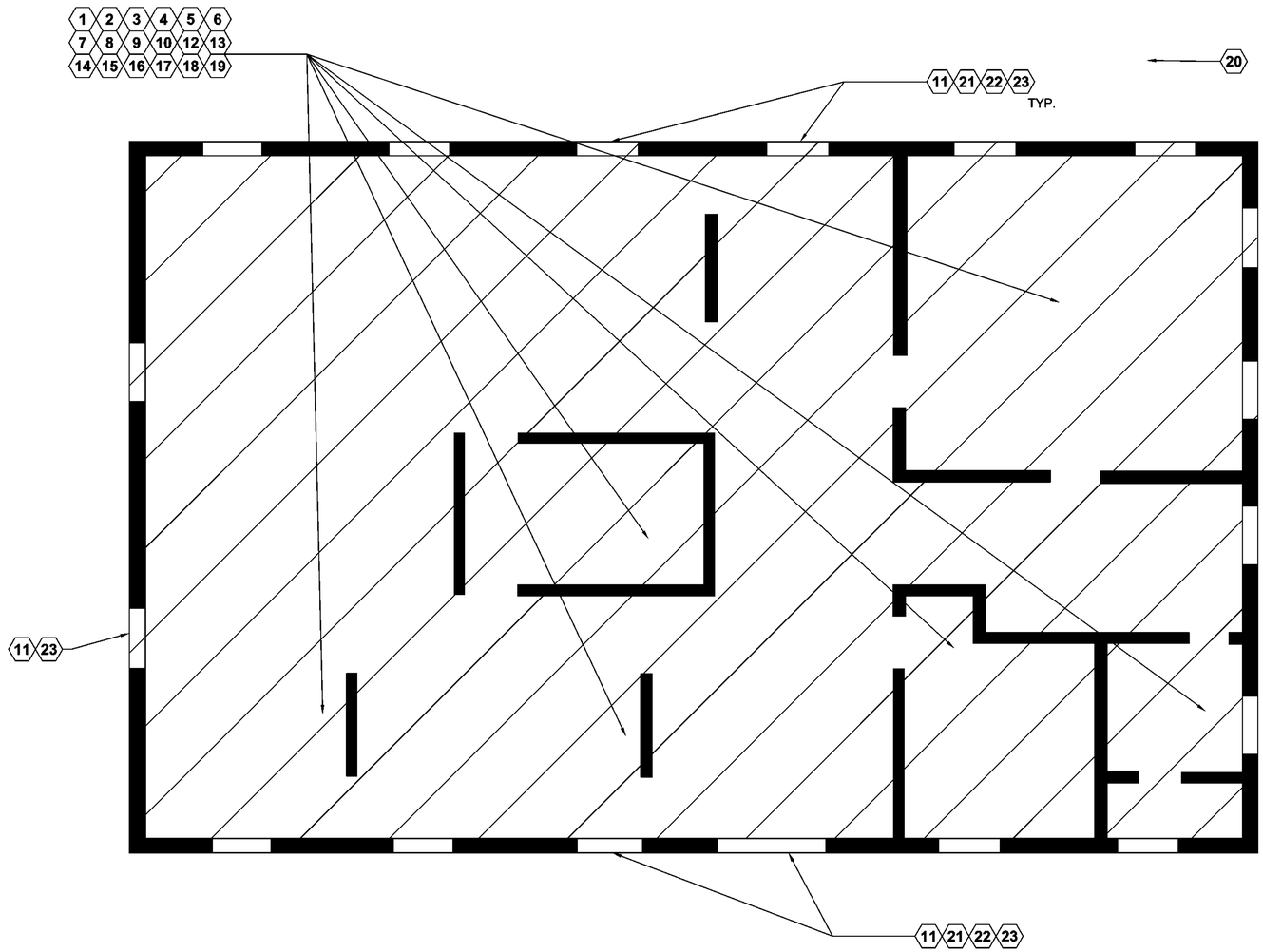
VET SCIENCE POULTRY BUILDING AND MEZZANINE SHEET NOTES (EV03.00):

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING POWER TO THE WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS. THE OWNER HAS FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE, MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
7. THE CONTRACTOR SHALL REMOVE THE SUSPENDED TRANSITE CEILINGS, INSULATION BATTS AND SUPPORTING MATERIALS AND GRID THROUGH OUT AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
8. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
9. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING AND MASTIC LAYERS TO CONCRETE SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC/WATERPROOFING AND LEAD MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
10. THE CONTRACTOR SHALL REMOVE TACK BOARDS AND MASTIC DOTS AND BACKING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
11. THE CONTRACTOR SHALL REMOVE THE EXTERIOR GLAZING AND FRAME CAULK FROM THE WINDOWS AND DOORS TO BRICK SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE INTERIOR GLAZING CAULK (THROUGHOUT) AND FRAME CAULK FROM THE WINDOWS AND ENTRANCE DOORS TO CERAMIC SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE INTERIOR DOOR FRAME CAULK TO CERAMIC SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, THROUGHOUT AND IN CEILINGS/ATTIC SPACE, AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE INSULATED HOT WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON THE REST ROOM AND WATER PIPING THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL NOTE: ALL PIPING AND INSULATION MATERIALS SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING.
16. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
17. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
18. THE CONTRACTOR SHALL REMOVE THE ATTIC EXHAUST FAN VIBRATION CLOTH AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
19. THE CONTRACTOR SHALL REMOVE THE ASBESTOS-CONTAINING MASTIC AND COPPER FLASHING AND WATERPROOFING COATING MATERIALS FROM AROUND THE WINDOWS, AND AT SLAB LEVEL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE UNDERGROUND GAS SERVICE PIPING AND COATING/INSULATION AND DISPOSE OF THE COATING/INSULATION AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE STEAM AND CONDENSATE AND WATER PIPING INSULATION FROM THE UNDERGROUND STEAM AND CONDENSATE WATER PIPING SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE CHILLED WATER SUPPLY AND RETURN PIPING AND INSULATION FROM THE UNDERGROUND CHILLED WATER SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. EXCAVATE AS NECESSARY FOR ACCESS AND SAWCUT CONCRETE PAVEMENT AS NECESSARY. THE CONTRACTOR SHALL REMOVE THE WATER, SILT AND ASBESTOS-CONTAINING PIPING INSULATION DEBRIS MATERIALS EXISTING WITHIN THE UTILITY TRENCHES, CLEAN CONCRETE SURFACES AND DISPOSE OF WATER, SILT AND DEBRIS AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)
21. THE CONTRACTOR SHALL REMOVE THE TRANSITE SOFFIT MATERIALS AND CLEAN SOFFIT GRID AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
22. THE CONTRACTOR SHALL REMOVE THE TRANSITE DEBRIS MATERIALS ON THE GROUND AND ANY CONTAMINATED SOIL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
23. THE CONTRACTOR SHALL REMOVE THE FELT/FLASHING/CUTBACK ASPHALT AND MASTIC APPLIED TO THE STRUCTUAL CONCRETE GRADE BEAMS AND SLAB IN DIRECT CONTACT WITH THE SOIL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. NOTE: THE CONTRACTOR SHALL RETURN TO THE SITE TO REMOVE THIS FELT/FLASHING MATERIAL AFTER THE DEMOLITION OF THE SLAB IS NEARING COMPLETION AND TO REMOVE AND DISPOSE OF THE BELOW-THE-SLAB INSULATED PIPING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.

LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE FLOOR TILE AND MASTIC; TRANSITE CEILINGS AND SOFFITS, CERAMIC FLOOR, DOOR AND WINDOW CAULK, FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION, REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 23)

1 DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.



VET SCIENCE POULTRY BUILDING AND MEZZ.
NTS

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25
HARRY RAYNER — DATE
CERTIFICATE NO. AD114202

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV VET SCIENCE POULTRY BUILDING

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER
RAYNER CONSULTING GROUP LLC
ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR

CHECKED BY: HAR

DATE: 6/27/2025

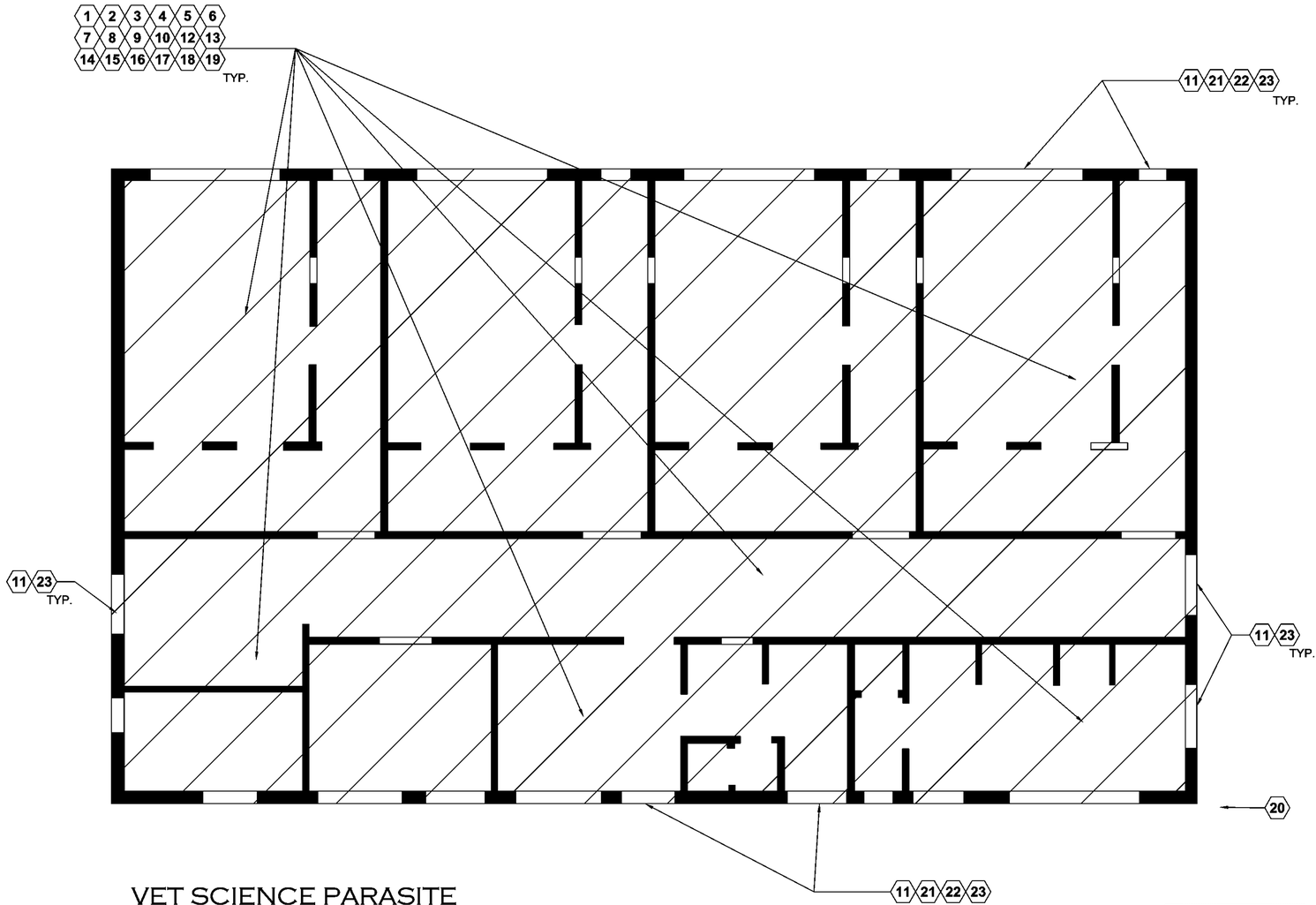
SHEET NO.
EV03.00

CONSTRUCTION DOCUMENTS

C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22\VET SCIENCE\VET SCIENCE RCG CAD

VET SCIENCE PARASITE BUILDING AND ATTIC SHEET NOTES (EV04.00):

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING POWER TO THE WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS. THE OWNER HAS THE FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE, MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
7. THE CONTRACTOR SHALL REMOVE THE SUSPENDED TRANSITE CEILINGS, INSULATION BATTS AND SUPPORTING MATERIALS AND GRID THROUGH OUT AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
8. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS. THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
9. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING AND MASTIC LAYERS TO CONCRETE SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC WATERPROOFING MATERIALS OR THE LEAD PAN MATERIAL (IF PRESENT), MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
10. THE CONTRACTOR SHALL REMOVE TACK BOARDS AND MASTIC DOTS AND BACKING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
11. THE CONTRACTOR SHALL REMOVE THE EXTERIOR GLAZING AND FRAME CAULK FROM THE WINDOWS AND DOORS TO BRICK SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE INTERIOR GLAZING CAULK (THROUGHOUT) AND FRAME CAULK FROM THE WINDOWS AND ENTRANCE DOORS TO CERAMIC SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE INTERIOR DOOR FRAME CAULK TO CERAMIC SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, THROUGHOUT AND IN CEILINGS/ATTIC SPACE, AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE INSULATED HOT WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON THE REST ROOM AND WATER PIPING THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL NOTE: ALL PIPING AND INSULATION MATERIALS SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING.
16. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
17. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
18. THE CONTRACTOR SHALL REMOVE THE ATTIC EXHAUST FAN VIBRATION CLOTH AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
19. THE CONTRACTOR SHALL REMOVE THE ASBESTOS-CONTAINING MASTIC AND COPPER FLASHING AND WATERPROOFING COATING MATERIALS FROM AROUND THE WINDOWS, AND AT SLAB LEVEL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE UNDERGROUND GAS SERVICE PIPING AND COATING/INSULATION AND DISPOSE OF THE COATING/INSULATION AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE STEAM AND CONDENSATE AND WATER PIPING INSULATION FROM THE UNDERGROUND STEAM AND CONDENSATE WATER PIPING SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE CHILLED WATER SUPPLY AND RETURN PIPING AND INSULATION FROM THE UNDERGROUND CHILLED WATER SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. EXCAVATE AS NECESSARY FOR ACCESS AND SAWCUT CONCRETE PAVEMENT AS NECESSARY. THE CONTRACTOR SHALL REMOVE THE WATER, SILT AND ASBESTOS-CONTAINING PIPING INSULATION DEBRIS MATERIALS EXISTING WITHIN THE UTILITY TRENCHES. CLEAN CONCRETE SURFACES AND DISPOSE OF WATER, SILT AND DEBRIS AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)
21. THE CONTRACTOR SHALL REMOVE THE TRANSITE SOFFIT MATERIALS AND CLEAN SOFFIT GRID AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
22. THE CONTRACTOR SHALL REMOVE THE TRANSITE SOFFIT DEBRIS MATERIALS ON THE GROUND AND ANY CONTAMINATED SOIL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
23. THE CONTRACTOR SHALL REMOVE THE FELT/FLASHING/CUTBACK ASPHALT AND MASTIC APPLIED TO THE STRUCTUAL CONCRETE GRADE BEAMS AND SLAB IN DIRECT CONTACT WITH THE SOIL AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. NOTE: THE CONTRACTOR SHALL RETURN TO THE SITE TO REMOVE THIS FELT/FLASHING MATERIAL AFTER THE DEMOLITION OF THE SLAB IS NEARING COMPLETION AND TO REMOVE AND DISPOSE OF THE BELOW-THE-SLAB INSULATED PIPING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.



VET SCIENCE PARASITE BUILDING AND ATTIC
NTS

LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE FLOOR TILE AND MASTIC; TRANSITE CEILINGS AND SOFFITS, CERAMIC FLOOR, DOOR AND WINDOW CAULK, FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION, REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 23)

1 DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.

ASBESTOS ABATEMENT DESIGNER

HarryRayner 6/27/25
HARRY RAYNER DATE
CERTIFICATE NO. AD114382

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

LSU

FORTE & TABLADA

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FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV VET SCIENCE PARASITE BLDG SITE BLDG

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46892
PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

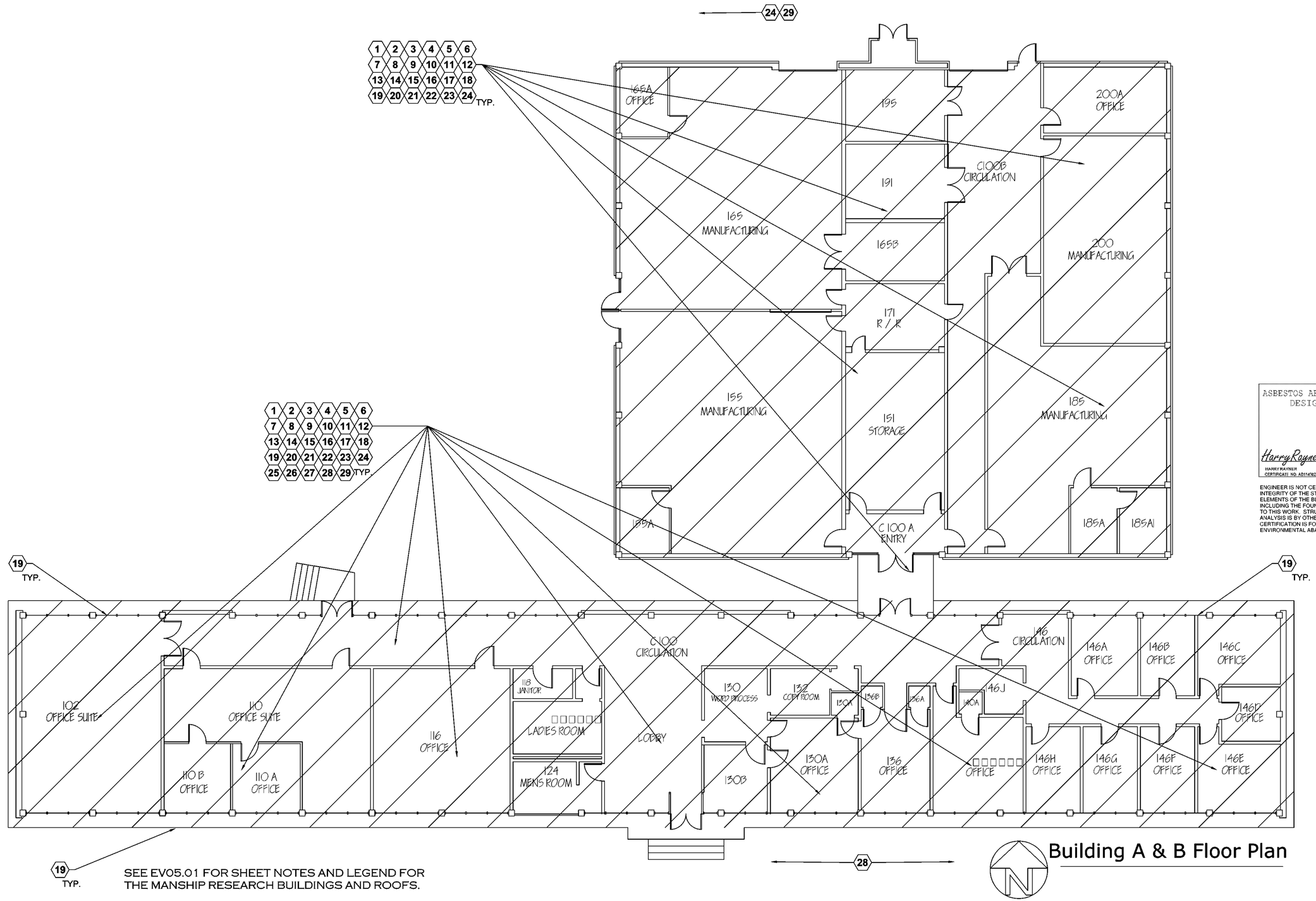
REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR
CHECKED BY: HAR
DATE: 6/27/2025
SHEET NO. EV04.00

CONSTRUCTION DOCUMENTS

C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22 MANSHIP BUILDING\EV05.00 AND EV05.01



SEE EV05.01 FOR SHEET NOTES AND LEGEND FOR THE MANSHIP RESEARCH BUILDINGS AND ROOFS.

Building A & B Floor Plan

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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SUITE B-38
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SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25
HARRY RAYNER — DATE
CERTIFICATE NO. AD114362

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643
ENV MANSHIP RESEARCH BLDGS

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
6/27/2025

ATTENTION:
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1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR

CHECKED BY: HAR

DATE: 6/27/2025

SHEET NO. EV05.00

CONSTRUCTION DOCUMENTS

C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP, LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22\MANSHIP BUILDING\EV05.00 AND EV05.01

MANSHIP BUILDING AND ROOF SHEET NOTES (EV05.01):

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING POWER TO THE WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/ TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS. THE OWNER HAS THE FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE, MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
7. THE CONTRACTOR SHALL REMOVE THE SUSPENDED CEILINGS, INSULATION BATTS AND MATERIALS AND EQUIPMENT SUPPORTED BY THE CEILING AND GRID THROUGH OUT AND DISPOSE OF THESE MATERIALS FROM THE BUILDING FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS.
8. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
9. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF TIE WATERPROOFING, LEAD PAN AND MASTIC LAYERS TO CONCRETE AND PLASTER SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC/WATERPROOFING AND LEAD MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
10. THE CONTRACTOR SHALL REMOVE CHAULK BOARD AND MASTIC DOTS AND THE CORK/TACK BOARDS AND BACKING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
11. THE CONTRACTOR SHALL REMOVE THE TRANSITE PANEL WINDOW WALL SYSTEM THROUGHOUT AND THE FRAME CAULKING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING-MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE WINDOW FRAMEING AND GLAZING CAULK CONTAINS ASBESTOS AND SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMOVE THE WINDOW AND MISCELLANEOUS CAULKING DEBRIS EXISTING LOOSE ON THE GROUND AND LANDSCAPING (FOR A 10 FOOT PERIMETER PATH) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE CMU COATING AND THE CONCRETE COLUMN COATING AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE COLUMN TO CMU WALL CAULKING CONTAINS ASBESTOS AND THIS CAULKING SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE AWNING WINDOW AND FRAME CAULK TO BRICK SILL CAULK WITHIN THE ARCHED ROOF SECTIONS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE STORE FRONT DOOR FRAME CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE BRICK TO FLAT BAR CAULKING AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
16. THE CONTRACTOR SHALL REMOVE THE CAULK FROM THE DOOR FRAME TO BRICK AND CONCRETE COLUMN SURFACES AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
17. THE CONTRACTOR SHALL REMOVE THE EXPANSION JOINT BOARD AND CAULK USED FOR THE PRECAST CONCRETE BEAMS AND COLUMNS, THE PRECAST ARCHED CONCRETE PANELS AND COLUMN SUPPORTS TO PRECAST ROOF PANELS (LABELLED AS "FIRE CHEX" AND THE LABELLED "¼ INCH ASBESTOS BOARD"), AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
18. THE CONTRACTOR SHALL REMOVE THE CONCRETE BEAM TO COLUMN CAULKING AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
19. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, RUNNING ALONG THE EXTERIOR BUILDING PERIMETER (BELOW THE SLAB LEVEL; INCLUDING WHERE THE INSULATED PIPES PENETRATE THROUGH THE CONCRETE SLAB AND WALL) TO EACH OF THE WALL MOUNTED FAN COIL UNITS/CONVECTORS (ON THE TRANSITE WALL PANELS), AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (APPROXIMATELY 24 FAN COIL UNITS/CONVECTORS - FIELD VERIFY)
20. THE CONTRACTOR SHALL REMOVE THE INSULATED HOT WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON THE REST ROOM PIPING THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: REMOVE PIPING INSULATION MATERIALS WHERE THEY EXISTS THROUGH OUT THE BUILDING, WITHIN THE CRAWL SPACE AND THE OPEN EXTERIOR TRENCH AND STRUCTURE, DECK, FLOORS, WALLS AND CEILING; PIPE AND ROUTING ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY; HOWEVER, ALL WATER, STEAM AND CONDENSATE PIPING AND INSULATION MATERIALS SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING.
21. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
22. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
23. THE CONTRACTOR SHALL REMOVE THE ASBESTOS-CONTAINING MASTIC AND FLASHING AND WATERPROOFING MATERIALS FROM THE CONCRETE COLUMN AND WALL ALONG WITH COPPER FLASHING AND RELATED MASTIC ALONG THE SLAB AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
24. THE CONTRACTOR SHALL REMOVE ROOF FLASHING MATERIALS ALONG THE ROOF PERIMETER AND AT ALL HARD PENETRATIONS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
25. THE CONTRACTOR SHALL REMOVE THE ROOF HVAC EQUIPMENT AND DUCT COATING/ INSULATION AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 82 40. THE REMAINING HVAC EQUIPMENT MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE MATERIALS WHENEVER POSSIBLE.
26. THE CONTRACTOR SHALL REMOVE THE ROOF MOUNTED THERMAL SYSTEM INSULATION, AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. NOTE PIPING INSULATION IS COVERED WITH AN ALUMINUM JACKET.
27. THE CONTRACTOR SHALL REMOVE THE ROOF MOUNTED EXHAUST FAN VIBRATION CLOTH AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
28. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE GAS PIPING SERVICE COATING AND PIPING IN THEIR ENTIRETY FROM THE UNDERGROUND GAS SERVICE LINE APPROXIMATELY 400 LINEAR FEET TO A TIE-POINT AT THE SUPPLY LINE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
29. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE UNDERGROUND GAS SERVICE PIPING AND COATING/INSULATION AND DISPOSE OF THE COATING/INSULATION AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE STEAM AND CONDENSATE AND WATER PIPING INSULATION FROM THE UNDERGROUND STEAM AND CONDENSATE WATER PIPING SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE CHILLED WATER SUPPLY AND RETURN PIPING AND INSULATION FROM THE UNDERGROUND CHILLED WATER SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. EXCAVATE AS NECESSARY FOR ACCESS AND SAWCUT CONCRETE PAVEMENT AS NECESSARY. THE CONTRACTOR SHALL REMOVE THE WATER, SILT AND ASBESTOS-CONTAINING PIPING INSULATION DEBRIS MATERIALS EXISTING WITHIN THE UTILITY TRENCHES, CLEAN CONCRETE SURFACES AND DISPOSE OF WATER, SILT AND DEBRIS AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)

LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE, TRANSITE PANELLED WINDOW WALL, FLOOR TILE AND MASTIC; CERAMIC FLOOR, DOOR AND WINDOW AND PRECAST CONCRETE PANEL EXPANSION JOINT AND CAULK, FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION; TO THE FAN COIL UNITS/CONVECTORS; JOINT SEALANT AND TAPE; REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES, ROOFING FLASHING MATERIALS AT ROOF PERIMETER. AND HARD ROOFING PENETRATION AND DRAINS; AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 29)

(1) DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.

MANSHIP BUILDING ANNEX AND ROOF SHEET NOTES (EV05.01):

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE DOCUMENTS, SPECIFICATIONS, SHEET NOTES AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION.
2. THE CONTRACTOR SHALL NOTE: THESE FLOOR PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, WALL LOCATIONS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.
3. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE PANELS AND EQUIPMENT MAY REMAIN ENERGIZED THROUGH OUT THE DURATION OF THE ENVIRONMENTAL PHASE OF THE WORK AND SHALL BE PROTECTED. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO DISCONNECTING POWER TO THE WORK AREA AND PRIOR TO PERFORMING WORK AND PRIOR TO THE REMOVAL OF ANY BUILDING COMPONENT. THE CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN TO LOCKOUT/TAGOUT ELECTRICAL TO THE WORK AREAS.
4. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR FOR BUILDING COMPONENTS AND EQUIPMENT TO BE CLEANED, PROTECTED AND SALVAGED. THE CONTRACTOR SHALL REMOVE REMAINING BUILDING EQUIPMENT AND MATERIALS AND DISPOSE OF AS CONSTRUCTION DEBRIS. THE OWNER HAS THE FIRST RIGHT OF REFUSAL. THE CONTRACTOR SHALL NOTE: ITEMS NOT REMOVED BY THE OWNER (AND REMAINING IN THE BUILDING), SHALL BE DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PREPARE A LISTING OF THESE MATERIALS RECYCLED. THE REMAINING CLEANING RELATED CHEMICALS, WAXES, MAINTENANCE RELATED SOLUTIONS, PAINTS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS.
5. THE CONTRACTOR SHALL REMOVE THE FLOOR TILE, BASE, MASTIC MATERIALS AND LEVELLING COMPOUND TO A CLEANED CONCRETE SURFACE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL NOTE; MULTIPLE FLOORING LAYERS EXIST IN AREAS AND ALL LAYERS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
6. THE CONTRACTOR SHALL REMOVE DEMOLISH (SAW CUT AS NECESSARY), ONE FACE OF ALL WET WALLS, DOUBLE WALLS, CHASE WALLS, PIPING SHAFTS, CEILINGS, FURR DOWN AND FURR OUT WALLS AND CEILINGS IN THEIR ENTIRETY TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL; INCLUDING BUT NOT LIMITED TO THE PIPE/PLUMBING CHASES, HEATER PIPE CHASES, PLUMBING RISER CHASES, VERTICAL CHASE WALLS, CEILING PLASTER FURRDOWNS/CHASES, RESTROOM AND JANITOR ROOMS TO ACCESS AND REMOVE INSULATED PIPING AND WATERPROOFING MATERIALS AND COATINGS. CHASE OPENINGS SHALL BE MADE TO ALLOW FOR INSPECTION OF THE COMPLETE CAVITY AND PERMIT THE COMPLETE REMOVAL OF ALL INSULATED PIPING MATERIALS AND RELATED LOOSE DEBRIS MATERIALS. THE CONTRACTOR SHALL SEAL/COVER ALL OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.
7. THE CONTRACTOR SHALL REMOVE THE SUSPENDED CEILINGS, INSULATION BATTS AND MATERIALS AND EQUIPMENT SUPPORTED BY THE CEILING AND GRID THROUGH OUT AND DISPOSE OF THESE MATERIALS FROM THE BUILDING FOR ACCESS TO ASBESTOS-CONTAINING MATERIALS.
8. THE CONTRACTOR SHALL REMOVE THE RESTROOM AND JANITOR LAVATORIES, MIRRORS, CERAMIC TILE SURFACES, PLUMBING FIXTURES, INSULATED PIPING RISERS AND SUSPENDED CEILING (IN ITS ENTIRETY), TO ACCESS AND REMOVE ASBESTOS-CONTAINING MATERIALS, AND MASTIC/GLUE DOTS. WHERE CEILINGS ARE SUSPECTED OF CONTAINING ASBESTOS DEBRIS FROM DAMAGED PIPING INSULATION DEBRIS, THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAMINATED MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
9. THE CONTRACTOR SHALL REMOVE THE CERAMIC TILE FLOOR, SETTING BED TO ACCESS, REMOVE AND DISPOSE OF THE WATERPROOFING, LEAD PAN AND MASTIC LAYERS TO CONCRETE AND PLASTER SUBSTRATE. THE CONTRACTOR SHALL DISPOSE OF THE WATERPROOFING MATERIALS AND MASTIC LAYER AS ASBESTOS-CONTAINING IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. REMAINING MATERIALS NOT CONTAINING THE MASTIC/WATERPROOFING AND LEAD MATERIALS MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS.
10. THE CONTRACTOR SHALL REMOVE CHAULK BOARD AND MASTIC DOTS AND THE CORK/TACK BOARDS AND BACKING MATERIALS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
11. THE CONTRACTOR SHALL REMOVE THE CMU COATING AND THE CONCRETE COLUMN COATING AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE COLUMN TO CMU WALL CAULKING CONTAINS ASBESTOS AND THIS CAULKING SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
12. THE CONTRACTOR SHALL REMOVE THE STORE FRONT AND ROLL-UP DOOR FRAME CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
13. THE CONTRACTOR SHALL REMOVE THE CAULK FROM THE WINDOW AND DOOR FRAMES TO BRICK AND CONCRETE COLUMN SURFACES AND THE GLAZING CAULK AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
14. THE CONTRACTOR SHALL REMOVE THE EXPANSION JOINT BOARD AND CAULK USED FOR THE PRECAST CONCRETE BEAMS AND COLUMNS TO PRECAST ROOF PANELS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
15. THE CONTRACTOR SHALL REMOVE THE THERMAL SYSTEM INSULATION ON PIPING, RUNNING ALONG THE CEILING DECK TO EACH OF UNIT HEATERS, AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (APPROXIMATELY 10 UNIT HEATERS - FIELD VERIFY)
16. THE CONTRACTOR SHALL REMOVE THE INSULATED HOT WATER THERMAL SYSTEM INSULATION AND RELATED CAULKING AND MASTIC MATERIALS ON THE REST ROOM PIPING THROUGHOUT IN THEIR ENTIRETY AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. CONTRACTOR SHALL NOTE: REMOVE PIPING INSULATION AND DEBRIS MATERIALS WHERE THEY EXISTS THROUGH OUT THE BUILDING, AND STRUCTURE, DECK, FLOORS, WALLS AND CEILING; PIPE AND ROUTING ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY; HOWEVER, ALL WATER, STEAM AND CONDENSATE PIPING AND INSULATION MATERIALS SHALL BE REMOVED PRIOR TO DEMOLITION OF THE BUILDING.
17. THE CONTRACTOR SHALL REMOVE THE OLDER FLUORESCENT LIGHTING FIXTURES AND DISPOSE OF THE OLDER BALLASTS AS PCB-CONTAINING IN ACCORDANCE WITH SECTION 02 83 40. THE REMAINING FIXTURE MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE WHENEVER POSSIBLE.
18. THE CONTRACTOR SHALL REMOVE THE OLDER MERCURY LIGHT TUBES, SWITCHES AND THERMOSTATS AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 85 00.
19. THE CONTRACTOR SHALL REMOVE THE ASBESTOS-CONTAINING MASTIC AND COPPER FLASHING AND WATERPROOFING MATERIALS FROM BELOW THE WINDOWS, AT SLAB LEVEL AND AT THE ROOF AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
20. THE CONTRACTOR SHALL REMOVE THE ROOF FLASHING MATERIALS ALONG THE ROOF PERIMETER, AT ALL HARD PENETRATIONS AND SKYLIGHTS AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
21. THE CONTRACTOR SHALL REMOVE THE ROOF HVAC EQUIPMENT AND DUCT COATING/ INSULATION AND DISPOSE OF IN ACCORDANCE WITH SECTION 02 82 40. THE REMAINING HVAC EQUIPMENT MAY BE DISPOSED OF AS CONSTRUCTION DEBRIS. RECYCLE MATERIALS WHENEVER POSSIBLE.
22. THE CONTRACTOR SHALL REMOVE THE ROOF MOUNTED THERMAL SYSTEM INSULATION, AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
23. THE CONTRACTOR SHALL REMOVE THE ROOF MOUNTED EXHAUST FAN VIBRATION CLOTH AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.
24. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE UNDERGROUND GAS SERVICE PIPING AND COATING/INSULATION AND DISPOSE OF THE COATING/INSULATION AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE STEAM AND CONDENSATE AND WATER PIPING INSULATION FROM THE UNDERGROUND STEAM AND CONDENSATE AND WATER PIPING SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE CHILLED WATER SUPPLY AND RETURN PIPING AND INSULATION FROM THE UNDERGROUND CHILLED WATER SERVICE AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. EXCAVATE AS NECESSARY FOR ACCESS AND SAWCUT CONCRETE PAVEMENT AS NECESSARY. THE CONTRACTOR SHALL REMOVE THE WATER, SILT AND ASBESTOS-CONTAINING PIPING INSULATION DEBRIS MATERIALS EXISTING WITHIN THE UTILITY TRENCHES, CLEAN CONCRETE SURFACES AND DISPOSE OF WATER, SILT AND DEBRIS AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. (SEE SHEET EV06.00 FOR THE SCOPE OF THIS REMOVAL)

LEGEND:

DENOTES THE REMOVAL AND DISPOSAL OF THE FLOOR TILE AND MASTIC; CERAMIC FLOOR, DOOR AND WINDOW AND PRECAST CONCRETE PANEL EXPANSION JOINT AND CAULK, FRAME CAULK, PIPING AND EQUIPMENT THERMAL SYSTEM INSULATION; TO THE UNIT HEATERS WALL-MOUNTED FCU'S, JOINT SEALANT AND TAPE; REMOVAL, AND DISPOSAL OF THE OLDER PCB-CONTAINING BALLASTS AND MERCURY-CONTAINING LAMPS AND SWITCHES, ROOFING FLASHING MATERIALS AT ROOF PERIMETER. AND HARD ROOFING PENETRATION AND DRAINS; AND ALL MATERIALS DESCRIBED WITHIN THE SHEET NOTES 1 THROUGH 24)

(1) DENOTES THE SHEET NOTE NUMBER AND SCOPE OF WORK.

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25
HARRY RAYNER — DATE
CERTIFICATE NO. AD114302

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION. DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

MANSHIP RESEARCH BUILDING AND ANNEX

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-39
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV MANSHIP RESEARCH BLDGS

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46662
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

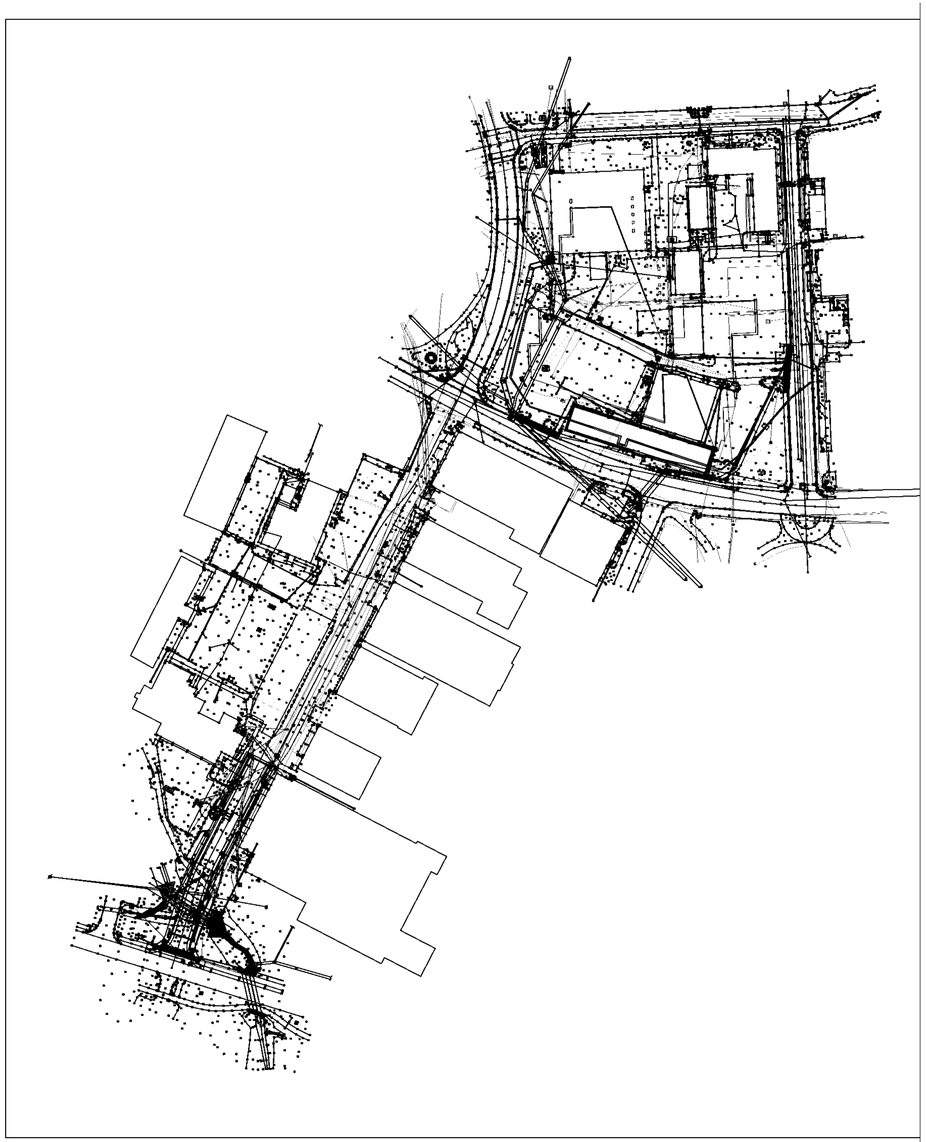
DRAWN BY: BAR

CHECKED BY: HAR

DATE: 6/27/2025

SHEET NO. EV05.01

CONSTRUCTION DOCUMENTS
C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22\231326C_SI_RD01



ENVIRONMENTAL UNDERGROUND UTILITY REMOVAL AND DISPOSAL SHEET NOTES:

1. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE SHEET NOTES, DOCUMENTS AND GENERAL NOTES ARE A PART OF THE SCOPE OF WORK FOR THE ENVIRONMENTAL CONTRACTOR AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS. THE CONTRACTOR SHALL NOTE: THE UNDERGROUND UTILITY LINES (BOTH ACTIVE AND PREVIOUSLY ABANDONED, BOTH RUNNING IN CONCRETE TRENCHES AND DIRECT BURIED), EXIST BELOW GRADE THROUGHOUT THE SITE AND ALL ASBESTOS CONTAINING PIPING INSULATION AND DEBRIS MATERIALS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.

2. THE CONTRACTOR SHALL NOTE: THESE UTILITY SITE PLANS ARE BASED ON AVAILABLE DRAWING INFORMATION AND SITE INVESTIGATION; THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS, AND MATERIALS AND NOTIFY THE GENERAL CONTRACTOR OF ANY DISCREPANCY. ALL DESIGNATED UNDERGROUND UTILITY INSULATION, DEBRIS AND WATERPROOFING MATERIALS SHALL BE REMOVED AND PROPERLY DISPOSED OF IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.

3. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO MARK THE POINTS OF TEMMINATION/DISCONNECT POINTS AND WHERE UTILITIES ARE TO REMAIN IN SERVICE (FOR ALL UTILITIES) THE CONTRACTOR SHALL REFER TO THE SUBSURFACE UTILITY ENGINEERING (SUE) DRAWINGS; UTILITY DEMOLITION DRAWING NOS D08.04, D08.05, D08.06 AND D08.07, FOR THE KNOWN UNDERGROUND UTILITIES CONTAINING INSULATION, INSULATION DEBRIS AND WATERPROOFING MATERIALS, CONTAINING ASBESTOS.

4. THE CONTRACTOR SHALL NOTE: ELECTRICAL SERVICE CONDUITS EXIST BURIED THROUGHOUT THE SITE. PRIOR TO EXCAVATION FOR UNDERGROUND UTILITIES THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR, TO VERIFY AND MARK ELECTRICAL CONDUITS TRAVERSING THE SITE AND FEEDING THE BUILDING LOCATIONS THAT MUST REMAIN IN SERVICE.

5. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE GAS PIPING COATING AND PIPING IN THEIR ENTIRETY FROM THE UNDERGROUND GAS SERVICE LINES AS SHOWN ON THE DEMOLITION DRAWING NOS D08.06 AND D08.07 (NOTE 20 - REMOVE EXISTING GAS LINE AND NOTE 21 - APPROX. DISCONNECT LOCATION) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL REMOVE THE VISIBLE DEBRIS MATERIAL (BENEATH AND AROUND THE PIPING FOOTPRINT AND DISPOSE OF AS ASBESTOS-CONTAINING DEBRIS MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40. NOTE: PIPING IS SCHEMATICALLY SHOWN HOWEVER ALL INSULATION/COATING MATERIALS SHALL BE REMOVED.

6. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE BELOW GRADE STEAM AND STEAM CONDENSATE PIPING AND INSULATION IN THEIR ENTIRETY FROM THE UNDERGROUND STEAM AND CONDENSATE SERVICE AS SHOWN ON THE DEMOLITION DRAWING NOS D08.04 AND D08.05 (NOTE 16 - REMOVE EXISTING STEAM AND CONDENSATE LINE AND NOTE 17 - APPROX. DISCONNECT LOCATION) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL REMOVE THE VISIBLE DEBRIS MATERIAL BENEATH AND AROUND THE PIPING FOOTPRINT AND DISPOSE OF AS ASBESTOS-CONTAINING DEBRIS MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40. NOTE: PIPING IS SCHEMATICALLY SHOWN HOWEVER ALL INSULATION MATERIALS SHALL BE REMOVED; (THE STEAM AND CONDENSATE LINES RUN UNDERGROUND IN CONCRETE TRENCHES AND DIRECT BURIED IN GILSULATE WEATHERPROOF INSULATION MATERIAL). THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO MARK THE POINTS OF DISCONNECT AND THE STEAM AND CONDENSATE LINES TO REMAIN IN SERVICE. THE CONTRACTOR SHALL REMOVE PIPING INSULATION, DEBRIS MATERIALS AND SOIL/SILT AND DEBRIS MATERIAL THROUGHOUT IN THE TRENCHES AND REMOVE THE DIRECT-BURIED PIPING AND UP TO TWO (2) INCHES OF CONTAMINATED SOIL AND GILSULATE MATERIAL BENEATH THE PIPING AND INSULATION AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40.

7. THE CONTRACTOR SHALL REMOVE THE BELOW GRADE CHILLED WATER SUPPLY AND RETURN PIPING AND INSULATION IN THEIR ENTIRETY FROM THE UNDERGROUND CHILLED WATER SERVICE AS SHOWN ON THE DEMOLITION DRAWING NOS D08.04 AND D08.05 (NOTE 14 - REMOVE EXISTING CHILLED WATER LINE AND NOTE 15 - APPROX. DISCONNECT LOCATION) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL REMOVE THE VISIBLE DEBRIS MATERIAL BENEATH AND AROUND THE PIPING FOOTPRINT AND DISPOSE OF AS ASBESTOS-CONTAINING DEBRIS MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40. NOTE: PIPING IS SCHEMATICALLY SHOWN HOWEVER ALL INSULATION MATERIALS SHALL BE REMOVED; (THE CHILLED WATER LINES RUN UNDERGROUND IN CONCRETE TRENCHES AND DIRECT BURIED). THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO MARK THE POINTS OF DISCONNECT AND THE CHILLED WATER LINES TO REMAIN IN SERVICE. THE CONTRACTOR SHALL REMOVE PIPING INSULATION, DEBRIS MATERIALS AND SOIL/SILT AND DEBRIS MATERIAL THROUGHOUT IN THE TRENCHES AND REMOVE THE DIRECT-BURIED PIPING AND UP TO TWO (2) INCHES OF CONTAMINATED SOIL BENEATH THE PIPING AND INSULATION AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40.

8. THE CONTRACTOR SHALL REMOVE THE BELOW GRADE STEEL AND WATER PIPING AND INSULATION IN THEIR ENTIRETY FROM THE UNDERGROUND WATER SERVICE AND UNLABELLED STEEL PIPING AS SHOWN ON THE DEMOLITION DRAWING NOS D08.06 AND D08.07 (NOTE 31 - REMOVE EXISTING WATER LINE, NOTE 32 - APPROX. DISCONNECT LOCATION AND NOTE 42 - REMOVE EXISTING STEEL LINE) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL REMOVE THE VISIBLE DEBRIS MATERIAL BENEATH AND AROUND THE PIPING FOOTPRINT AND DISPOSE OF AS ASBESTOS-CONTAINING DEBRIS MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40. NOTE: PIPING IS SCHEMATICALLY SHOWN HOWEVER ALL INSULATION MATERIALS SHALL BE REMOVED; THE CONTRACTOR SHALL REMOVE PIPING INSULATION, DEBRIS MATERIALS AND SOIL/SILT AND DEBRIS MATERIAL THROUGHOUT IN TRENCHES AND REMOVE THE DIRECT-BURIED PIPING AND UP TO TWO (2) INCHES OF CONTAMINATED SOIL BENEATH THE PIPING AND INSULATION AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40.

9. THE CONTRACTOR SHALL REMOVE THE BELOW GRADE CLAY AND COMPRESSOR PIPING MASTIC/COATING IN THEIR ENTIRETY FROM THE UNDERGROUND CLAY AND COMPRESSOR PIPING AS SHOWN ON THE DEMOLITION DRAWING NOS D08.04 AND D08.05 (NOTE 46 - REMOVE EXISTING CLAY PIPE LINE, NOTE 47 - APPROX. DISCONNECT LOCATION AND NOTE 18 - REMOVE COATING FROM THE COMPRESSOR PIPING) AND DISPOSE OF AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL REMOVE THE VISIBLE DEBRIS MATERIAL BENEATH AND AROUND THE PIPING FOOTPRINT AND DISPOSE OF AS ASBESTOS-CONTAINING DEBRIS MATERIAL IN ACCORDANCE WITH SECTION 02 82 10 AND 02 82 40. NOTE: PIPING IS SCHEMATICALLY SHOWN HOWEVER ALL INSULATION AND COATED MATERIALS SHALL BE REMOVED.

10. THE CONTRACTOR SHALL REMOVE THE BELOW GRADE DRAINAGE BOX MASTIC COATING IN ITS ENTIRETY FROM THE UNDERGROUND DRAINAGE BOX AND MANHOLES AS SHOWN ON THE DEMOLITION DRAWING NOS D08.04, D08.05, D08.05 AND D08.07 (NOTES 10, 26, 40, 48 AND 50), AND DISPOSE OF MASTIC COATING AS ASBESTOS-CONTAINING MATERIAL IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40. NOTE: THE UNDERGROUND BOXES ARE SCHEMATICALLY SHOWN HOWEVER ALL BOXES AND MANHOLES WITH THE COATING MATERIALS SHALL BE REMOVED.

11. THE CONTRACTOR REMOVE THE POWER TRANSFORMER OIL AS SHOWN ON THE DEMOLITION DRAWING NO. D08.07 (NOTE 11), DRAIN AND RINSE IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. THE CONTRACTOR SHALL TEST THE TRANSFORMER OIL FOR THE PRESENCE OF PCB'S PRIOR TO REMOVAL AND DISPOSAL OF THE OIL (AND THE RINSATE) IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. THIS WORK SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND MAY OCCUR IN A LATER PHASE OF WORK.

12. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO REMOVE DEMOLISH EXISTING PAVEMENT (SAW CUT AS NECESSARY) AND LIFT TRENCH COVERS TO ACCESS AND REMOVE PIPING INSULATION AND DEBRIS MATERIAL. THE CONTRACTOR SHALL COVER (OR BACKFILL), TRENCHES AND OPENINGS CREATED BY THE REMOVAL WORK TO PROTECT WORKERS FROM FALL AND OTHER HAZARDS.

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25
HARRY RAYNER — DATE
CERTIFICATE NO. AD114302

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
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MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
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ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B - 38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENV UNDERGROUND UTILITIES

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: BAR

CHECKED BY: HAR

DATE: 6/27/2025

SHEET NO.
EV06.00

CONSTRUCTION DOCUMENTS
C:\USERS\BEN\ONEDRIVE - RAYNER CONSULTING GROUP LLC\DESKTOP\RAYNER CONSULTING GROUP\PROJECTS\ENVIRONMENTAL\13-547 - ELECTRICAL ENGINEERING BUILDING\CAD DWG\RCG CAD\2025-06-22\VET SCIENCE\VET SCIENCE RCG CAD

GENERAL ENVIRONMENTAL NOTES:

1. THE CONTRACTOR SHALL ISOLATE THE WORK AREAS, POST WARNING SIGNS, LOCKOUT AND TAG THE ELECTRICAL SYSTEM AS DESCRIBED IN SECTION 02 82 10, ESTABLISH DECONTAMINATION FACILITIES, AND PERFORM ALL PREABATEMENT ACTIVITIES AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40.

2. THE CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHTING EQUIPPED WITH GROUND FAULT INTERRUPTER (GFI) DEVICES TO ALL WORK AREAS AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40. CONNECTIONS FOR TEMPORARY POWER FROM PERMANENT SERVICES ARE TO BE PERFORMED BY A QUALIFIED ELECTRICIAN. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR PRIOR TO PERFORMING SHUTDOWNS OR TIE-INS.

3. THE CONTRACTOR SHALL ENSURE THAT ALL EMPLOYEES UTILIZE PROPER PROCEDURES FOR RESPIRATORY AND PERSONNEL PROTECTION AND DECONTAMINATION PROCEDURES AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40.

4. THE CONTRACTOR SHALL INSTALL AND ERECT SUFFICIENT SCAFFOLDING AND/OR WORK PLATFORMS TO ACCESS ALL AREAS AND COMPLETE ALL TASKS RELATED TO THE ENVIRONMENTAL ABATEMENT AND SELECTED DEMOLITION. INSTALLATION, ERECTION AND USE OF SCAFFOLDING AND WORK PLATFORMS AND MANLIFTS SHALL BE PERFORMED IN STRICT COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS, AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40; INCLUDING BUT NOT LIMITED TO DAILY INSPECTIONS OF SCAFFOLDING AND WORK PLATFORMS AND SAFETY TRAINING MEETINGS AND 100% TIE-OFF FOR ALL WORKERS.

5. THE CONTRACTOR SHALL INSTALL RIGID BARRIER WALLS AND CAULK AND SEAL CONNECTIONS TO EXISTING WALLS, FLOOR, AND DECK AS REQUIRED AND AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40. REFER TO DETAILS FOR RIGID BARRIER WALLS. THE CONTRACTOR SHALL REMOVE ALL RIGID BARRIER WALLS AFTER RECEIPT OF WRITTEN APPROVAL FROM THE ENVIRONMENTAL CONSULTANT. ALL MATERIALS USED SHALL BE FIRE RETARDANT.

6. THE CONTRACTOR SHALL PROTECT THE ELECTRICAL SYSTEM SERVICE, SERVICE CONDUITS AND PANELS, UTILITY PIPING SYSTEMS, ROOF STORM WATER, DRAINS AND PIPING SYSTEMS DURING THE ENVIRONMENTAL PHASE OF THE WORK. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE GENERAL CONTRACTOR PRIOR TO REMOVAL OF ANY BUILDING SYSTEM COMPONENT.

7. THE CONTRACTOR SHALL UTILIZE PROPER ENGINEERING CONTROLS AND CONDUCT PERSONNEL MONITORING THROUGHOUT THE ENVIRONMENTAL PHASE OF THE PROJECT IN ACCORDANCE WITH SECTIONS 02 82 10 AND 02 82 40.

8. THE CONTRACTOR SHALL INSTALL HEPA-FILTERED EXHAUST SYSTEMS AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40.

9. THE CONTRACTOR SHALL INSTALL AUTOMATIC AIR PRESSURE DIFFERENTIAL RECORDING INSTRUMENTS IN THE WORK AREAS AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40.

10. THE CONTRACTOR SHALL MAINTAIN EMERGENCY EXITS AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40.

11. BEFORE COMMENCING WORK WITHIN THE WORK AREA, THE CONTRACTOR SHALL INSPECT THE WORK ENCLOSURE FOR BREACHES AND LEAKS AS DESCRIBED IN SECTIONS 02 82 10 AND 02 82 40. THE CONTRACTOR SHALL SEAL PROPERLY ANY LEAKS BEFORE BEGINNING WORK.

12. AFTER THE WORK AREAS HAVE BEEN PREPARED, THE CONTRACTOR SHALL REQUEST A FORMAL SITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT (THIRD-PARTY AIR MONITORING FIRM) AND ASSIST THE ENVIRONMENTAL CONSULTANT IN THEIR EFFORTS TO SMOKE TEST/INSPECT THE CONTAINMENT FOR LEAKS. THE CONTRACTOR SHALL NOT COMMENCE REMOVAL OR OTHER DISTURBANCE OF ASBESTOS-CONTAINING MATERIALS, UNTIL THE ENVIRONMENTAL CONSULTANT HAS INSPECTED AND APPROVED THE SITE PREPARATION WORK.

13. THE CONTRACTOR SHALL SCHEDULE WASTE DISPOSAL IN ADVANCE WITH THE GENERAL CONTRACTOR.

14. THE CONTRACTOR SHALL ENSURE THAT ALL BUILDING COMPONENTS AND EQUIPMENT SCHEDULED TO REMAIN FOR THE DEMOLITION CONTRACTORS' USE AND SALVAGE AND FOR THE PROTECTION OF THE BUILDING IS CLEANED OF ALL ASBESTOS MATERIALS AND PROTECTED DURING THE ENVIRONMENTAL REMOVAL PHASE.

15. THE CONTRACTOR SHALL CLEAN (AS NECESSARY), REMOVE AND DISPOSE OF THE MECHANICAL AND ELECTRICAL EQUIPMENT, WALLS, CEILINGS AND FIXED FURNITURE AND CABINETS TO OBTAIN ACCESS TO THE ASBESTOS-CONTAINING MATERIALS. IF AN ITEM CANNOT BE PROPERLY CLEANED, THE CONTRACTOR SHALL DISPOSE OF IT AS AN ASBESTOS-CONTAMINATED MATERIAL. THE MECHANICAL AND ELECTRICAL EQUIPMENT WHICH IS CLEANED BY THE CONTRACTOR SHALL BE INSPECTED VISUALLY BY THE ENVIRONMENTAL CONSULTANT BEFORE THE CONTRACTOR IS PERMITTED TO REMOVE IT FROM THE WORK AREA.

16. THE CONTRACTOR SHALL SEAL ALL OPENINGS THROUGH WALLS, SLAB/DECK AND ROOF THAT EXIST OR WILL BE CREATED BY THE REMOVAL PROCESS TO PROTECT THE SAFETY OF WORKERS AND THE INTEGRITY OF THE CONTAINMENT.

17. THE CONTRACTOR SHALL FIELD VERIFY THE QUANTITY OF ASBESTOS-CONTAINING MATERIALS TO BE REMOVED AND DISPOSED OF, THE QUANTITY OF MECHANICAL AND ELECTRICAL EQUIPMENT AND PIPING TO BE CLEANED AND DISPOSED OF AND QUANTITY OF WALLS, FLOORS, AND MOVEABLE OBJECTS TO BE REMOVED AND DISPOSED OF. SALVAGE MATERIALS WHEREVER POSSIBLE. THE CONTRACTOR SHALL ENSURE ALL ASBESTOS-CONTAINING MATERIALS ARE REMOVED PRIOR TO BUILDING DEMOLITION WITH THE EXCEPTION OF WATERPROOFING FELT LAYERS BENEATH STRUCTURAL CONCRETE GRADE BEAMS AND SLABS TO BE REMOVED AND DISPOSED OF ONCE THESE MATERIALS ARE EXPOSED.

18. THE CONTRACTOR SHALL COMPLETE ALL SELECTED DEMOLITION WORK OF WALLS, CEILINGS, CHASES AND SURROUNDS FOR ACCESS AND FOR REMOVAL OF THE ASBESTOS-CONTAINING AND CONTAMINATED MATERIALS IN A MANNER THAT PERMITS COMPLETE REMOVAL AND THE FULL INSPECTION OF THE WORK. ALL ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO BUILDING DEMOLITION (BY OTHERS).

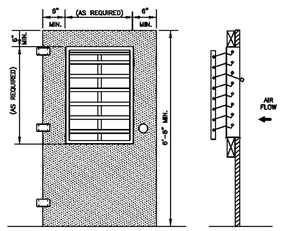
19. THE CONTRACTOR SHALL NOTE: THE SCOPE OF WORK AND WORK ITEMS INCLUDED WITHIN THESE GENERAL NOTES AND THE SHEET NOTES ARE A PART OF THE SCOPE OF WORK FOR THIS PROJECT AND ALL WORK SHALL BE PERFORMED USING WORKMANSHIP-LIKE METHODS.

20. FINAL AIR TESTING SHALL BE PERFORMED PURSUANT TO THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 40 CFR PART 763 (APPENDIX A) USING TRANSMISSION ELECTRON MICROSCOPY (TEM), AGGRESSIVE DISTURBANCE PROCEDURES, CONTINUOUS AIR CIRCULATION, AND HEPA-FILTERED EXHAUST.

21. THE CONTRACTOR SHALL MAINTAIN PROPER FEDERAL AND STATE LICENSING TO CONDUCT HAZARDOUS MATERIAL REMOVAL AND DISPOSAL AS DESCRIBED WITHIN THESE DOCUMENTS.

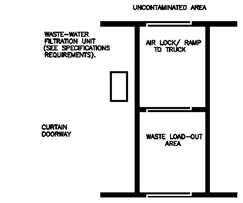
GENERAL NOTE PERTAINING TO ALL ENVIRONMENTAL DRAWING SHEETS:

THE CONTRACTOR SHALL FIELD VERIFY DRAWING DIMENSIONS, WALL ORIENTATIONS AND EXISTING BUILDING CONDITIONS AND NOTE THESE DRAWINGS WERE PREPARED BASED ON AVAILABLE DRAWING INFORMATION AND NUMEROUS RENOVATIONS AND PARTIAL REMOVALS HAVE OCCURRED OVER THE YEARS.



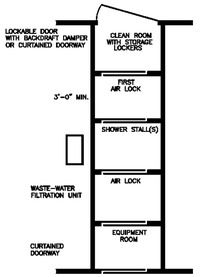
NOTES:
1. DOOR CONSTRUCTION SHALL BE A MINIMUM 3/4" FIRE-RETARDANT PLYWOOD. A SOLID CORE DOOR MAY BE USED.
2. MULTIPLE SMALL DAMPERS MAY BE UTILIZED IN LIEU OF A SINGLE, LARGE DAMPER.
3. DAMPERS SHALL BE ADJUSTED SO THAT THE DAMPER BLADES ARE IN THEIR OPEN POSITION WHEN PRESSURE DIFFERENTIAL MACHINES ARE IN OPERATION AND CLOSED WHEN PRESSURE DIFFERENTIAL MACHINES ARE TURNED OFF. DAMPER BLADES SHALL OVERLAP THE FRAME TO FORM A SEAL WHEN IN THEIR CLOSED POSITION.

1 BACKDRAFT DAMPER DETAIL
SCALE: N.T.S.



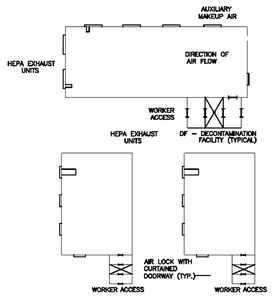
NOTES:
1. WORKERS FROM THE UNCONTAMINATED AREA SHALL NOT PROCEED BEYOND THE AIR LOCK.
2. WORKERS FROM THE WORK AREA SHALL NOT PROCEED BEYOND THE WASTE LOAD-OUT AREA.

2 EQUIPMENT/MATERIAL DECONTAMINATION ENCLOSURE SYSTEM SCHEMATIC
SCALE: N.T.S.

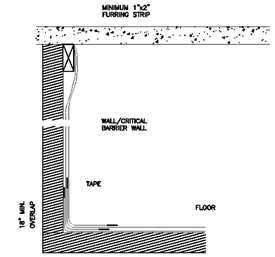


3 PERSONNEL DECONTAMINATION ENCLOSURE SYSTEM SCHEMATIC
SCALE: N.T.S.

NOTES:
1. MINIMUM CHAMBER SIZE SHALL BE 3'x3'.
2. WORKERS FROM THE UNCONTAMINATED AREA SHALL NOT PROCEED BEYOND THE FIRST AIR LOCK WITHOUT PROPER RESPIRATORY EQUIPMENT AND FULL-BODY PROTECTION.
3. WORKERS EXITING FROM THE WORK AREA SHALL PROPERLY DECONTAMINATE.

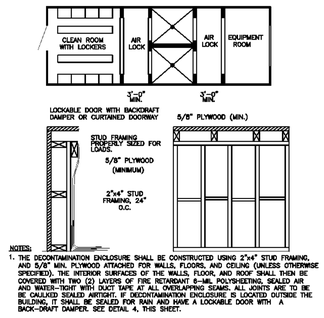


4 HEPA EXHAUST ARRANGEMENT FOR OPTIMUM AIR AND EXCHANGE MOVEMENT
SCALE: N.T.S.



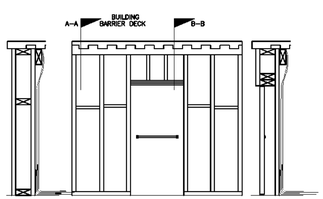
NOTES:
1. MINIMUM 2 LAYERS OF 4 MIL POLYSHEETING ON WALLS AND MINIMUM 2 LAYERS OF 6 MIL POLYSHEETING ON FLOORS.
2. ADDITIONAL LAYERS OF POLYSHEETING, SPRAY POLYSHEETING OR OTHER PROTECTIVE LAYERS MAY BE REQUIRED TO PROTECT BUILDING SURFACE FINISHES AND EQUIPMENT.
3. ALL MATERIALS SHALL BE FIRE RETARDANT.

5 INSTALLATION OF POLYSHEETING
SCALE: N.T.S.



NOTES:
1. THE DECONTAMINATION ENCLOSURE SHALL BE CONSTRUCTED USING 2"x4" STUD FRAMING, AND 5/8" MIN. PLYWOOD ATTACHED FOR WALLS, FLOORS, AND CEILING (UNLESS OTHERWISE SPECIFIED). THE INTERIOR SURFACES OF THE WALLS, FLOOR, AND ROOF SHALL THEN BE COVERED WITH TWO (2) LAYERS OF FIRE RETARDANT 6-MIL POLYSHEETING, SEALED AIR AND WATER-TIGHT WITH DUCT TAPE AT ALL OVERLAPPING SEAMS. ALL JOINTS ARE TO BE BE CAULKED SEALED AIRTIGHT. IF DECONTAMINATION ENCLOSURE IS LOCATED OUTSIDE THE BUILDING, IT SHALL BE SEALED FOR RAIN AND HAVE A LOCKABLE DOOR WITH A BACK-DRAFT DAMPER. SEE DETAIL 4, THIS SHEET.
2. SEE SPECIFICATIONS FOR WATER FILTRATION REQUIREMENTS.
3. ALL MATERIALS SHALL BE FIRE-RETARDANT.
4. INSTALL LIGHTING (AS REQUIRED).
5. DECONTAMINATION FACILITY SHALL BE ADEQUATELY SIZED TO ACCOMMODATE WORKERS.

6 STRUCTURAL DECONTAMINATION FACILITY
SCALE: N.T.S.



NOTES:
1. RIGID BARRIER WALL MATERIALS SHALL BE FIRE-RETARDANT, 2x4 STUDWALL CONSTRUCTION, 24" ON-CENTER, 5/8" PLYWOOD (MINIMUM, OR AS SPECIFIED).
2. ALL SEAMS, CRACKS, EDGES, AND JOINTS SHALL BE CONTINUOUSLY CAULKED AND SEALED. RIGID BARRIER WALLS SHALL BE ADEQUATELY ANCHORED AND SUPPORTED.
3. TWO LAYERS OF FIRE-RETARDANT 6 MIL POLYETHYLENE SHALL BE ATTACHED TO RIGID BARRIER WALL USING 1"x2" FURRING STRIPS.
4. 3'x6'-8" SOLID CORE FIRE DOOR WITH APPROVED PANIC HARDWARE.
5. REMOVE A 12" WIDE STRIP OF SPRAY-ON FIRE-PROOFING AND OVERSPRAY BEFORE SETTING RIGID BARRIERS.

7 RIGID BARRIER WALL WITH EMERGENCY EXIT
SCALE: N.T.S.

ASBESTOS ABATEMENT DESIGNER

Harry Rayner 6/27/25
HARRY RAYNER — DATE
CERTIFICATE NO. AD114302

ENGINEER IS NOT CERTIFYING THE INTEGRITY OF THE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE FOUNDATION, DUE TO THIS WORK. STRUCTURAL ANALYSIS IS BY OTHERS. THIS CERTIFICATION IS FOR THE ENVIRONMENTAL ABATEMENT ONLY.

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
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LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENVIRONMENTAL DETAILS

STATE OF LOUISIANA
BENJAMIN A. RAYNER
License No. 46862
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
6/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

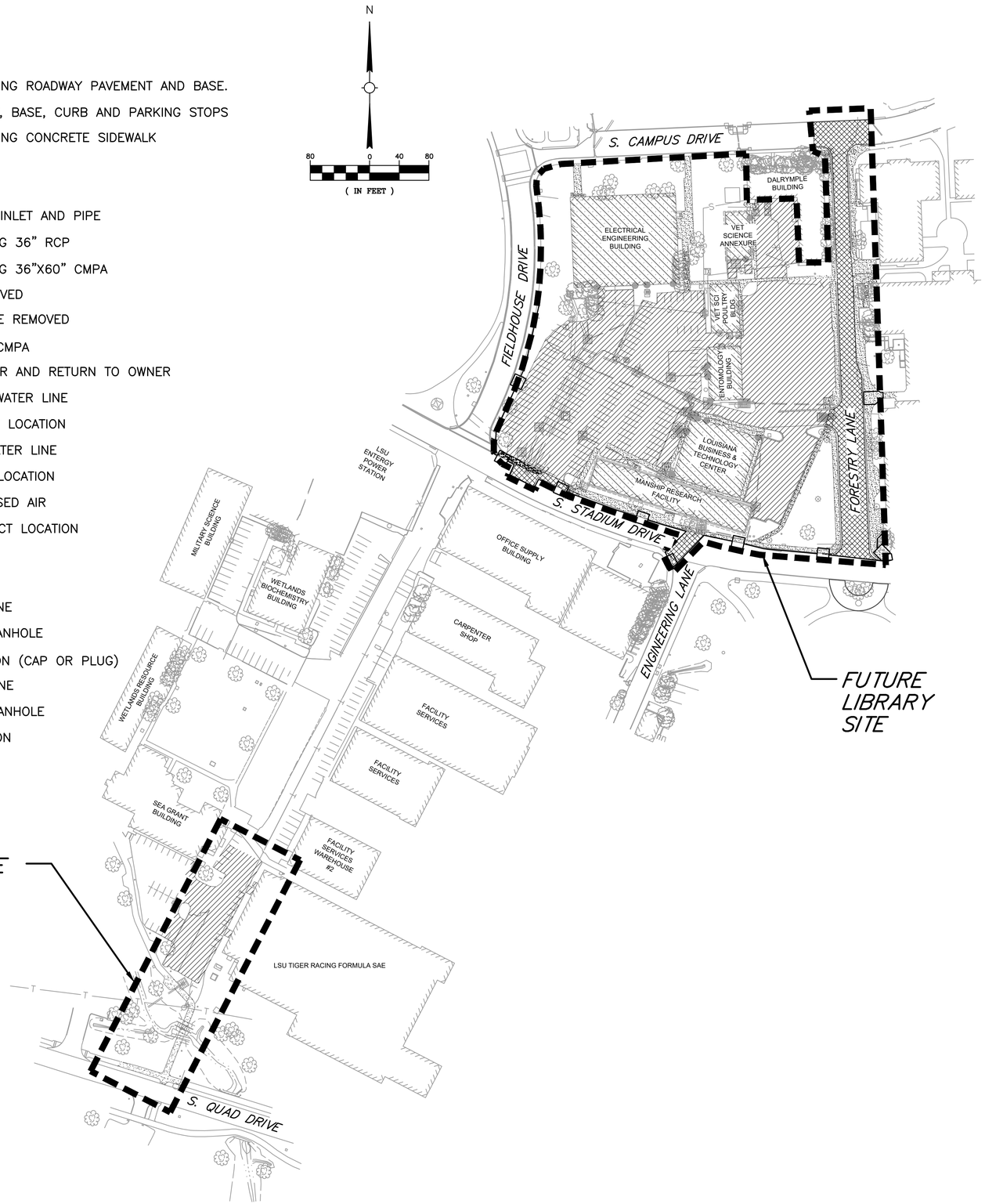
DRAWN BY: BAR
CHECKED BY: HAR
DATE: 6/27/2025
SHEET NO. EV07.00

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D801 OVERALL DEMO PLAN

DEMOLITION KEYNOTE:

1. BUILDING TO BE REMOVED
2. SAWCUT AND REMOVE EXISTING ROADWAY PAVEMENT AND BASE.
3. REMOVE EXISTING PAVEMENT, BASE, CURB AND PARKING STOPS
4. SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALK
5. REMOVE EXISTING 12" RCP
6. REMOVE EXISTING 8" PVC
7. REMOVE EXISTING SURFACE INLET AND PIPE
8. REMOVE 55 L.F. OF EXISTING 36" RCP
9. REMOVE 20 L.F. OF EXISTING 36"X60" CMPA
10. DRAINAGE BOX TO BE REMOVED
11. POWER TRANSFORMER TO BE REMOVED
12. REMOVE EXISTING 36"X60" CMPA
13. REMOVE EXISTING GENERATOR AND RETURN TO OWNER
14. REMOVE EXISTING CHILLED WATER LINE
15. CHILLED WATER DISCONNECT LOCATION
16. REMOVE EXISTING STEAM WATER LINE
17. STEAM WATER DISCONNECT LOCATION
18. REMOVE EXISTING COMPRESSED AIR
19. COMPRESSED AIR DISCONNECT LOCATION
20. REMOVE EXISTING GAS LINE
21. GAS DISCONNECT LOCATION
22. REMOVE EXISTING SEWER LINE
23. REMOVE EXISTING SEWER MANHOLE
24. SEWER DISCONNECT LOCATION (CAP OR PLUG)
25. REMOVE EXISTING POWER LINE
26. REMOVE EXISTING POWER MANHOLE
27. POWER DISCONNECT LOCATION



DEMOLITION KEYNOTE (CON'T):

28. REMOVE EXISITNG TELECOMMUNICATION FIBER OPTIC
29. REMOVE EXISTING TELECOMMUNICATIONS CROSS CONNECT BOX
30. TELECOMMUNICATIONS DISCONNECT LOCATION
31. REMOVE EXISTING WATER LINE
32. WATER LINE DISCONNECT LOCATION
33. REMOVE EXISTING TREE
34. REMOVE EXISTING 36" RCP
35. REMOVE EXISTING 24" RCP
36. REMOVE EXISTING 15" RCP
37. REMOVE EXISTING 12" RCP
38. REMOVE EXISTING CURB INLET
39. REMOVE EXISTING 42" RCP
40. REMOVE EXISTING UNDERGROUND CONCRETE DRAINAGE BOX
41. REMOVE EXISTING 48' X 1.5' SURFACE INLET
42. REMOVE EXISTING 10" STEEL PIPE
43. REMOVE EXISTING 10" RCP
44. REMOVE EXISTING 6" RCP
45. REMOVE EXISTING 8" RCP
46. REMOVE EXISTING 6" CLAY PIPE
47. REMOVE EXISTING 12" CLAY PIPE
48. REMOVE EXISTING POWER VAULT
49. REMOVE EXISTING TELEPHONE PRESSURE BOX
50. REMOVE EXISTING TELEPHONE MANHOLE
51. SAWCUT EXISTING PAVEMENT
52. REMOVE EXISTING 18" RCP
53. REMOVE EXISTING 4'X5' RCBS
54. REMOVE EXISTING 40"x36" RCPA
55. PLUG AND ABANDON SEWER LINE ON EACH END AND FILL WITH FLOWABLE FILL
56. TEMPORARY CONSTRUCTION FENCE AROUND ENTIRE SITE (RE:3C08.03)
57. REMOVE ELECTRICAL POWER BETWEEN LIGHT POLES DURING DEMOLITION AND REPLACE AFTER NEW RCBs AND HEADWALLS HAVE BEEN CONSTRUCTED.
58. SAWCUT, REMOVE, AND REPLACE SIDEWALK, CURB & GUTTER, ASPHALT PAVEMENT AND BASE AT WATER LINE TIE–IN (RE:M02.03, 2C08.01, 4C08.01, 5C08.01, 7C08.01, 9C08.01)
59. REMOVE EXISTING CHILLED WATER LINE VAULT UNDER SIDEWALK.
60. ADJUST POWER MANHOLE TOP TO BE FLUSH WITH FINISHED ROAD GRADE
61. REMOVE EXISTING GAS MANHOLE & PIPES

LSU

FORTE & TABLADA

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION PLAN - OVERALL SITE WITH KEY

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. **D01.00**

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326-DD01 OVERALL DEMO PLAN

GENERAL DEMOLITION NOTES:

1. CONTRACTOR TO REFER TO THE ENVIRONMENTAL ASBESTOS ABATEMENT PLANS INCLUDED IN THIS PLAN SET AND THE ASBESTOS PRE-DESIGN/PRE-DEMOLITION SAMPLING REPORT INCLUDED AS AN APPENDIX OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS.
2. CONTRACTOR TO REFER TO THE MECHANICAL AND ELECTRICAL PLANS INCLUDED IN THIS PLAN SET FOR ADDITIONAL INFORMATION REGARDING UTILITY SIZES, MATERIAL, AND DISCONNECTION LOCATIONS.
3. CONTRACTOR TO REFER TO GEOTECHNICAL REPORT INCLUDED AS AN APPENDIX OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR EXISTING SOIL AND PAVEMENT INFORMATION. GEOTECHNICAL REPORT WAS PREPARED BY PREMIER GEOTECH AND TESTING, LLC, DATED 02/06/2025.
4. THE CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE OWNER TO MAINTAIN ACCESS (AS REQUIRED) TO THE FACILITIES DURING DEMOLITION AND CONSTRUCTION.
5. CONTRACTOR SHALL NOT COVER ANY MANHOLE COVERS FOR TELECOMMUNICATIONS, ELECTRICAL, SEWER, STEAM, OR OTHER UTILITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO DEMOLITION AND EXCAVATION OPERATIONS.
7. CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM FACILITY SERVICES PRIOR TO ANY EXCAVATION, REGARDLESS OF HOW MINOR THE WORK MAY BE PRIOR TO ANY EXCAVATION (INCLUDING HAND DIGGING). CONTACT UTILITY MAINTENANCE MANAGER (MIKE ST. ROMAIN; (225) 578-3186; MSTROM3@LSU.EDU). CONTRACTOR IS TO SUBMIT A UTILITY LOCATE REQUEST FORM (WHICH CAN BE FOUND AT WWW.LSU.EDU/FS BY SELECTING "FORMS" UNDER "ABOUT" DROP-DOWN MENU). CONTRACTOR MUST COMPLETE FORM TWO WEEKS IN ADVANCE OF ANY EXCAVATION.
8. CONTRACTOR SHALL OBTAIN A UTILITY SHUTDOWN PERMIT FROM FACILITY SERVICES PRIOR TO ANY UTILITIES BEING SHUTOFF. CONTACT UTILITY MAINTENANCE MANAGER (MIKE ST. ROMAIN; (225) 578-3186; MSTROM3@LSU.EDU). CONTRACTOR IS TO SUBMIT A UTILITY SHUTDOWN FORM (WHICH CAN BE FOUND AT WWW.LSU.EDU/FS BY SELECTING "FORMS" UNDER "ABOUT" DROP-DOWN MENU). CONTRACTOR MUST COMPLETE FORM TWO WEEKS IN ADVANCE OF ANY UTILITY SHUTDOWN.
9. TEMPORARY CONSTRUCTION FENCING IS TO BE INSTALLED AROUND THE ENTIRE CONSTRUCTION SITE DURING CONSTRUCTION. (RE: 3C08.03)
10. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PREVENT DAMAGE OR INJURY WHERE PAVEMENT IS BEING REMOVED OR ALTERED.
11. IF NOT SHOWN ON THE DEMOLITION DRAWINGS, THE CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS AS NECESSARY TO COMPLETELY INSTALL ALL NEW WORK AS REQUIRED BY OTHER PORTIONS OF THE CONSTRUCTION DOCUMENTS.
12. SALVAGE RIGHTS FOR ALL DEMOLISHED MATERIALS SHALL BE FIRST GIVEN TO THE OWNER. ANY MATERIALS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR. THE UNIVERSITY HAS THE RIGHT OF SALVAGE TO ANY DEMOLISHED EQUIPMENT. FOR EQUIPMENT TO BE REMOVED, THE CONTRACTOR IS TO CONFIRM WITH THE UNIVERSITY WHETHER OR NOT THE UNIVERSITY DESIRES TO KEEP THE RESPECTIVE PIECE OF EQUIPMENT. EQUIPMENT DESIRED BY THE UNIVERSITY SHALL BE MOVED BY THE CONTRACTOR TO A DESIGNATED SITE ON CAMPUS. ANY EQUIPMENT NOT DESIRED BY THE UNIVERSITY SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED/DISPOSED OF BY THE CONTRACTOR.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REGULATIONS, PERMITS, AND FEES REQUIRED TO REMOVE AND PROPERLY DISPOSE OF DEMOLITION MATERIALS. REMOVAL AND DISPOSAL OF MATERIALS SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
14. THE CONTRACTOR SHALL RECYCLE AND/OR SALVAGE AT LEAST 50% OF NON-HAZARDOUS CONSTRUCTION AND DEMOLITION MATERIALS (INCLUDING ASPHALT, CONCRETE, MISC. METALS, ETC.) FROM THIS PROJECT. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH LANDFILL WASTE RECEIPTS AND RECYCLED WASTE RECEIPTS SHOWING VERIFICATION OF CONSTRUCTION DEBRIS TONAGE AND VOLUME. THE ENGINEER WILL REVIEW THE VOLUMES PRIOR TO SUBMITTAL TO THE LSU RECYCLING OFFICE.
15. ALL PAVEMENT AND BASE TO BE REMOVED SHALL BE REMOVED IN A NEAT LINE OR SAWCUT AT A LOCATION TO BE DETERMINED BY THE ENGINEER PRIOR TO DEMOLITION. IT IS THE INTENT THAT THE REMOVAL OF EXISTING PAVEMENT WILL NOT DAMAGE THE EXISTING PAVEMENT AND BASE THAT IS TO REMAIN.
16. INLET SILT TRAPS SHALL BE INSTALLED AROUND DRAINAGE STRUCTURES OR OPEN EXCAVATIONS UNTIL PAVEMENT HAS BEEN INSTALLED. SILT FENCE SHALL BE INSTALLED AROUND THE DEMOLITION AREA TO ELIMINATE SEDIMENT FROM RUNNING ONTO PAVEMENT AND INTO DRAINS. (RE:C02.01 & C02.05).
17. ALL UTILITY SERVICES TO THE DALRYMPLE BUILDING ARE TO REMAIN IN SERVICE.

GENERAL DEMOLITION NOTES (CONTINUED):

18. SEE SHEETS G03.00 AND G03.01 FOR TREE PRESERVATION PLANS AND DETAILS.
19. SEE GENERAL NOTES SHEET G02.00 FOR ADDITIONAL NOTES AND REQUIREMENTS FOR THE PROJECT.
20. WHERE EXISTING BUILDINGS ARE TO BE DEMOLISHED, THE CONTRACTOR IS TO COORDINATE THE ASBESTOS ABATEMENT WORK PRIOR TO DEMOLITION OF THE BUILDINGS.
21. WHERE EXISTING BUILDINGS ARE TO BE DEMOLISHED, THE ENTIRE BUILDING, FOUNDATION, UTILITIES, ETC. ARE TO BE REMOVED A MINIMUM OF 10 FEET BELOW THE SLAB ELEVATION. ALL UNSUITABLE MATERIALS ARE TO BE REMOVED, REPLACED WITH SELECT FILL MATERIAL, AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. AFTER REMOVAL OF THE FOUNDATIONS, THE HOLES ARE TO BE FILLED TO AN ELEVATION MATCHING THE EXISTING GROUND ELEVATIONS PRIOR TO DEMOLITION. THE BUILDING AREA SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE TO AVOID HOLDING WATER.
22. THE CONTRACTOR IS TO NOTIFY THE ENGINEER AND TESTING LAB 48 HOURS PRIOR TO PERFORMING BUILDING DEMOLITION WORK.
23. WHERE FOUNDATIONS ARE CUTOFF 10 FEET BELOW GRADE AND A PART OF THE EXISTING FOUNDATION IS TO REMAIN, THE CONTRACTOR IS TO PROVIDE SURVEYED AS-BUILT LOCATIONS OF ALL DRILLED SHAFTS OR OTHER FOUNDATIONS THAT ARE TO REMAIN. THIS INFORMATION IS TO BE PROVIDED TO THE LIBRARY DESIGN TEAM'S STRUCTURAL ENGINEER FOR THE DESIGN OF THE NEW LIBRARY BUILDING FOUNDATION TO AVOID THE LOCATION OF THE EXISTING FOUNDATION THAT IS TO REMAIN. THE SURVEYOR PROVIDING THE SURVEYED FOUNDATION LOCATIONS ARE TO PROVIDE A DRAWING (HARD COPY AND AUTOCAD DIGITAL COPY) SHOWING THE COORDINATES OF THE OUTSIDE PERIMETER OF THE FOUNDATIONS TIED TO THE HORIZONTAL AND VERTICAL CONTROL USED FOR THE TOPOGRAPHIC SURVEY FOR THIS PROJECT. THE DRAWINGS ARE TO BE STAMPED AND SIGNED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF LOUISIANA.
24. WHERE UTILITIES ARE TO BE DEMOLISHED, THE UTILITY LINES, STRUCTURES, OR OTHER COMPONENTS ARE TO BE REMOVED THROUGHOUT THE ENTIRE SITE AND THE TRENCHES BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. AFTER REMOVAL OF THE UTILITIES, THE TRENCHES ARE TO BE FILLED TO AN ELEVATION MATCHING THE EXISTING GROUND ELEVATIONS PRIOR TO DEMOLITION. THE AREA SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE TO AVOID HOLDING WATER.
25. SEE SHEETS D02.00 TO D07.00 SHOWING BUILDING AS-BUILT FOUNDATION PLANS AND DETAILS.
26. CONTRACTOR TO REMOVE AND RELOCATE TWO (2) BIKE RACKS CURRENTLY LOCATED ON THE WEST SIDE OF TUREAUD HALL AND INSTALL THEM ON THE EAST SIDE OF TUREAUD HALL. CONTRACTOR IS TO COORDINATE THE LOCATION OF THE BIKE RACKS WITH DENNIS MITCHELL AT THE LSU PDC OFFICE.
27. CONTRACTOR TO REMOVE AND SALVAGE THE EXTERIOR STRUCTURE CURRENTLY ATTACHED TO THE SOUTH FACADE OF THE ELECTRICAL ENGINEERING BUILIDING. CONTRACTOR IS TO COORDINATE WITH DENNIS MITCHELL AT THE LSU PDC OFFICE FOR THE LOCATION FOR DELIVERY OF THE STRUCTURE TO THE LSU LANDSCAPE SERVICES YARD.
28. CONTRACTOR TO REMOVE AND SALVAGE THE ROOF TILES ON THE VET SCIENCES ANNEXURE BUILDING AND THE ELECTRICAL ENGINEERING BUILIDING AND PLACE ON PALLETS FOR STORAGE. CONTRACTOR IS TO COORDINATE WITH THE LSU FACILITY SERVICES OFFICE FOR THE LOCATION FOR DELIVERY OF THE ROOF TILES.

GENERAL DEMOLITION NOTES (CONTINUED):

29. CONTRACTOR TO SAWCUT, REMOVE, AND SALVAGE THE DECORATIVE TERRAZZO LOGO ON THE FLOOR AT THE ENTRANCE TO THE ELECTRICAL ENGINEERING BUILIDING. THE TERRAZZO FLOOR IS TO BE SAWCUT IN A SQUARE PATTERN AT A LOCATION 2' OUTSIDE THE OUTER CIRCLE OF THE LOGO. THE TERRAZZO FLOOR IS TO BE PLACED ON A PALLET FOR STORAGE. CONTRACTOR IS TO COORDINATE WITH THE LSU PDC OFFICE FOR THE LOCATION FOR DELIVERY OF THE DECORATIVE TERRAZZO LOGO.
30. CONTRACTOR TO SALVAGE THE FIRE ALARM DEVICES FROM THE MANSHIP BUILDING AND THE ELECTRICAL ENGINEERING BUILIDING. CONTRACTOR IS TO COORDINATE WITH THE LSU PDC OFFICE FOR THE LOCATION FOR DELIVERY OF THE FIRE ALARM DEVICES.
31. CONTRACTOR IS TO MAINTAIN ADA PEDESTRIAN ACCESS TO ALL BUILDING EMERGENCY EXITS DURING CONSTRUCTION. IF PAVEMENT IS BEING MODIFIED AT THESE EXITS, CONTRACTOR IS TO MODIFY THE FENCING FOR SEQUENCING OF PAVEMENT REMOVAL AND REPLACEMENT TO PROVIDE EMERGENCY ADA PEDESTRIAN ACCESS AT ALL TIMES.

(DECORATIVE TERRAZZO AT THE FRONT ENTRANCE OF THE ELECTRICAL ENGINEEERING BUILDING

LEGEND:

CURB INLET	WATER METER	ROAD CENTERLINE	BUILDINGS AND FOUNDATIONS TO BE REMOVED
DRAIN MANHOLE	WATER VALVE	EDGE OF ASPHALT	LIMITS OF ROADWAY PAVEMENT AND BASE TO BE REMOVED
DRAIN INLET	FIRE HYDRANT	EDGE OF CONCRETE	LIMITS OF PAVEMENT, BASE, CURB, AND PARKING STOPS TO BE REMOVED
SEWER MANHOLE	WATER FAUCET	EDGE OF GRAVEL	LIMITS OF CONCRETE SIDEWALK TO BE REMOVED
SEWER CLEANOUT	GAS METER	BUILDING TO REMAIN	KEYNOTE (XX)
POWER POLE W/ANCHOR	GAS REGULATOR	STORM DRAIN CULVERT	TEMPORARY CONSTRUCTION FENCING (RE:3C08.03)
POWER JUNCTION BOX	GAS RISER	SANITARY SEWER LINE	
POWER TRANSFORMER	GAS VALVE	UNDERGROUND POWER LINE	
POWER MANHOLE	PIPELINE MARKER	UNDERGROUND TELEPHONE LINE	
LIGHT POLE	PIPELINE VENT	UNDERGROUND TELECOMMUNICATIONS	
POWER DROP	TV PEDESTAL	UNDERGROUND FIREWATER LINE	
ELECTRIC METER	TV MANHOLE	UNDERGROUND CHILLED WATER LINE	
TELEPHONE PEDESTAL	TV MARKER	UNDERGROUND STEAM LINE	
TELEPHONE MANHOLE	TRAFFIC CONTROL BOX	UNDERGROUND WATER LINE	
		UNDERGROUND COMPRESSIVE AIR LINE	

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - NOTES & LEGEND SHEET

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS		
NO.	DESCRIPTION	DATE

DRAWN BY: CAT

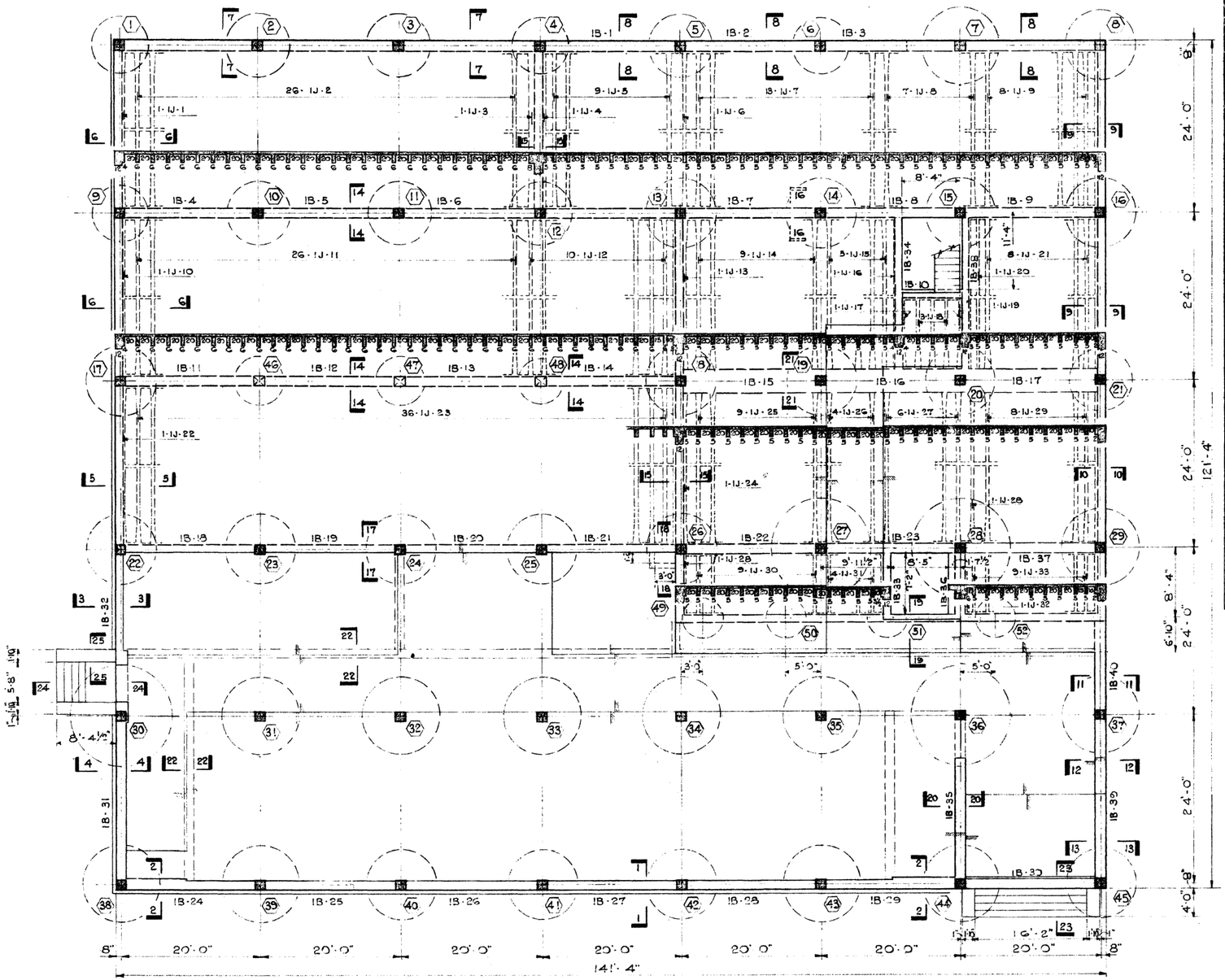
CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.

D01.01

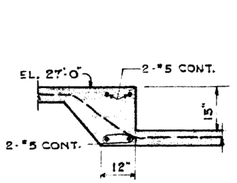
CONSTRUCTION DOCUMENTS



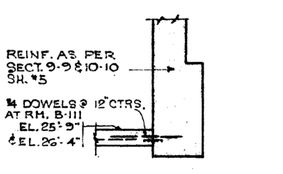
BEAM SCHEDULE 1ST LEVEL

MARK	SIZE	TOP BARS CONT.	ADDED TOP BARS LEFT END	ADDED TOP BARS RIGHT END	BOTTOM BARS CONT.	STIRRUPS NO.	STIRRUPS SIZE	STIRRUPS SPACING EA. END
1B-1	12 X 32	2-#6	3-#8	3-#8	4-#8	8	#3	3/6,/10/12/
1B-2	12 X 32	2-#6		3-#8	4-#8	8	#3	3/6/10/12/
1B-3	12 X 32&31	2-#6		3-#8	4-#8	8	#3	3/6/10/12/
1B-4	16 X 34	2-#6	2-#7	6-#9	5-#9	22	#3	1.5/3/3/3/3#5/7/11/15/15/
1B-5	16 X 34	2-#6		4-#8&1-#9	3-#8	22	#3	
1B-6	16 X 34	2-#6		4-#8&1-#9	3-#8	22	#3	do
1B-7	16 X 24	2-#6	3-#9&1-#7	3-#9	3-#7	10	#3	3/7/10/10/10/
1B-8	16 X 24	2-#6		3-#9&1-#7	3-#7	10	#3	3/7/10/10/10/
1B-9	16 X 24	2-#6		1-#7	2-#9&2-#8	10	#3	3/7/10/10/10/
1B-10	8&12 X 24	2-#6			2-#7	6	#3	3/6,/10/
1B-11	16 X 34	2-#6	2-#7	6-#9	5-#9	22	#3	1.5/3/3/3#5/7/11/15/15/
1B-12	16 X 34	2-#6		4-#8&1-#9	1-#9&3-#8	22	#3	
1B-13	16 X 34	2-#6		5-#9	1-#9&3-#8	22	#3	
1B-14	16 X 34	2-#6		7-#9	1-#9&3-#8	22	#3	do
1B-15	40X17	4-#6		4-#9	1-#9&3-#8	20	#3	3/7/10/10/10/
1B-16	40X17	4-#6		6-#9	1-#9&3-#8	20	#3	
1B-17	40X17	4-#6		2-#7	1-#9&3-#8	20	#3	do
1B-18	12 X 78	2-#6	2-#7	3-#8	1-#9&3-#8	12	#3	3/6/8/12/24/24/
1B-19	12 X 78	2-#6		3-#8	1-#9&3-#8	12	#3	
1B-20	12 X 78	2-#6		3-#8	1-#9&3-#8	12	#3	
1B-21	12 X 78	2-#6		5-#8	1-#9&3-#8	12	#3	do
1B-22	16 X 24	2-#6		5-#8	4-#9&1-#7	12	#3	3/6/8/10/10/10/
1B-23	12 X 24	2-#6		2-#7	4-#9&1-#7	12	#3	3/6/8/10/10/10/
1B-24	18&15½X42	2-#6	2-#6	3-#7	4-#7	12	#3	
1B-25	15½X42	2-#6		3-#7	4-#7	12	#3	
1B-26	15½X42	2-#6		3-#7	4-#7	12	#3	
1B-27	15½X42	2-#6		3-#7	4-#7	12	#3	
1B-28	15½X42	2-#6		3-#7	4-#7	12	#3	
1B-29	18&15½X42	2-#6		3-#7	4-#7	12	#3	
1B-30	16 X 37	2-#6		2-#6	4-#7	12	#3	
1B-31	18 X 42	2-#6	2-#7	2-#9&1-#8	2-#9&2-#8	12	#3	
1B-32	18X12X66	2-#6		2-#9&1-#8	2-#9&2-#8	12	#3	do
1B-33	12 X 24	2-#6			3-#7	8	#3	3/6/10/10/
1B-34	12X 24	2-#6			4-#9	12	#3	3/6/8/10/10/10/
1B-35	18X12&3T	2-#6			4-#9	12	#3	
1B-36	12 X 24	2-#6	2-#7	5-#9	5-#9	12	#3	
1B-37	16 X 24	2-#6		2-#7	5-#9	12	#3	
1B-38	12 X 24	2-#6			4-#9	12	#3	
1B-39	SECT.12&13	2-#6	2-#6	4-#8	4-#8	12	#3	
1B-40	SECT.11	2-#6		2-#7	4-#8	12	#3	do

NOTE:
BEAM SCHEDULE DOES NOT INCLUDE ADDED CONT. REINF. OR BRICK LEDGES. SEE DETAILS.



BASEMENT SLAB RMS. B-107 & 111
SCALE ½" = 1'-0"



BASEMENT SECT. EXT. WALL ROOM B-111
SCALE ½" = 1'-0"

FOUNDATION & FIRST FLOOR FRAMING PLAN
SCALE ⅛" = 1'-0"

NOTE:
SEE ARCHITECTURAL PLANS FOR BASEMENT. REINF. AS SHOWN IN STRUCTURAL DETAILS.
SECTION 1G-1G IS TAKEN AT BASEMENT FLOOR.

LSU
FACILITIES & PLANT
131-004-59-S

ELECTRICAL ENGINEERING BUILDING
SOUTH CAMPUS DRIVE & FIELD HOUSE DRIVE
LOUISIANA STATE UNIVERSITY
AND
AGRICULTURAL AND MECHANICAL COLLEGE
BATON ROUGE, LOUISIANA

DATE: APRIL 59
DRAWN: E.M.
CHECKED: G.G.Q.
REVISED:

DUNN & QUINN
ARCHITECTS & ENGINEERS
1735 RYAN ST.
LAKE CHARLES, LA.

PLAN No. 1008
SHEET No. S-1

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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BATON ROUGE, LA 70806

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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - ELECTRICAL ENGINEERING BLDG

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

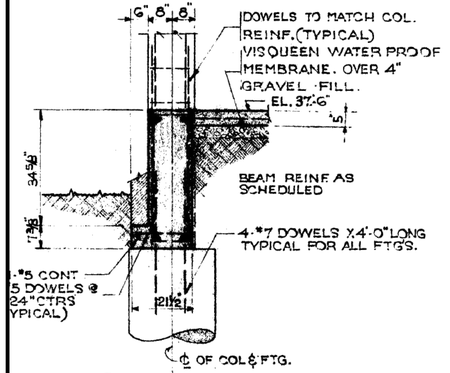
REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. D02.00

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D02 EE BLDG

CONSTRUCTION DOCUMENTS



SECTION 1-1
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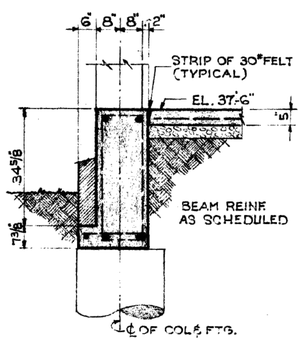

SECTION 2-2
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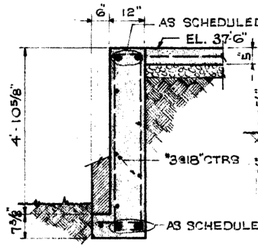

SECTION 3-3
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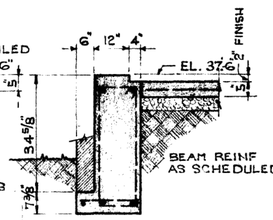
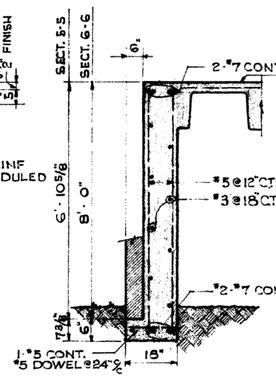
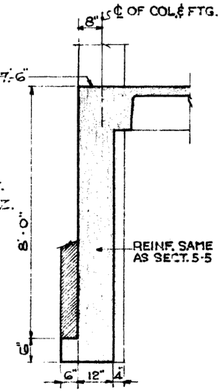


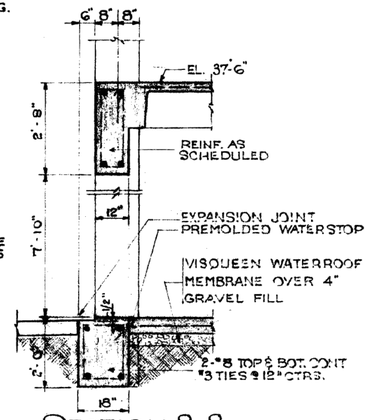
SECTION 4-4
SCALE ½" = 1'-0"



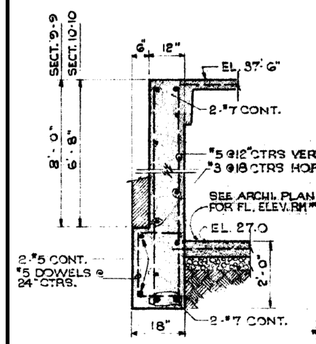
SECTION 5-5 & 6-6
SCALE ½" = 1'-0"



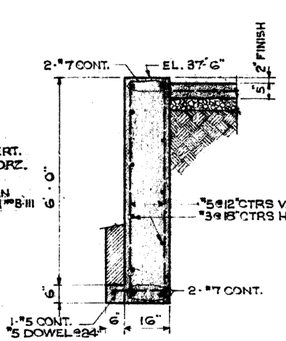
SECTION 7-7
SCALE ½" = 1'-0"



SECTION 8-8
SCALE ½" = 1'-0"



SECTION 9-9 & 10-10
SCALE ½" = 1'-0"



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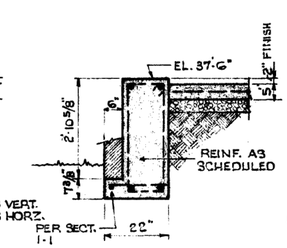

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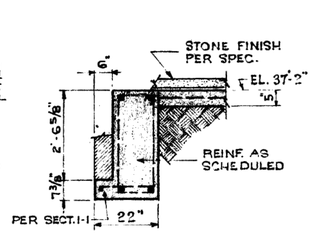

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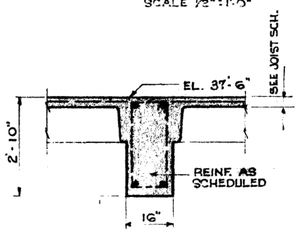

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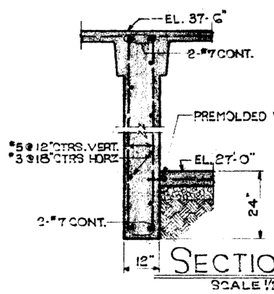

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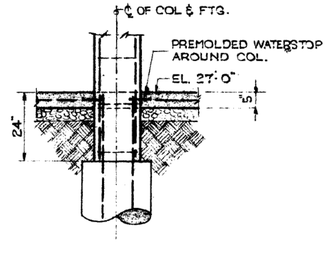

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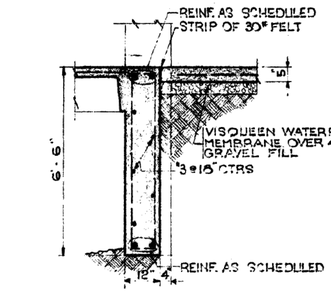

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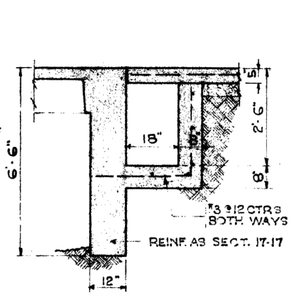

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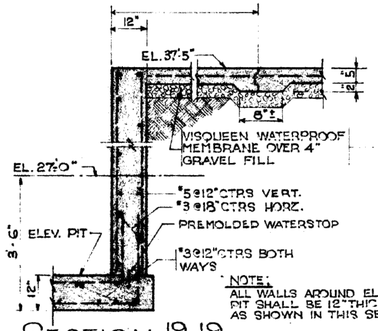

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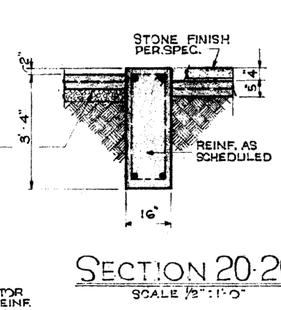

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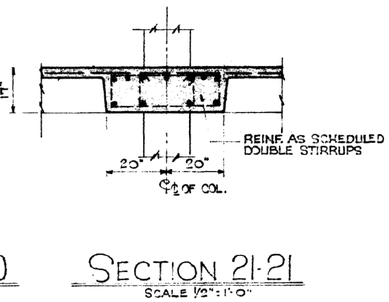

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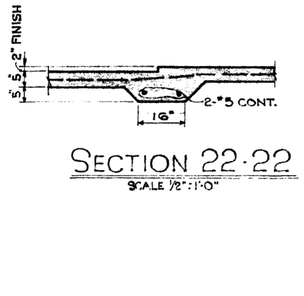

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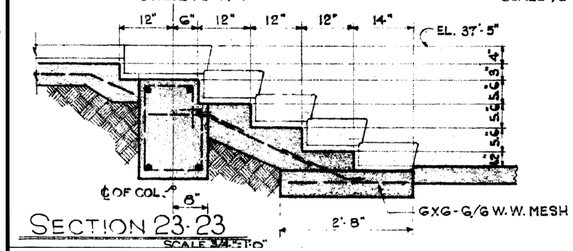
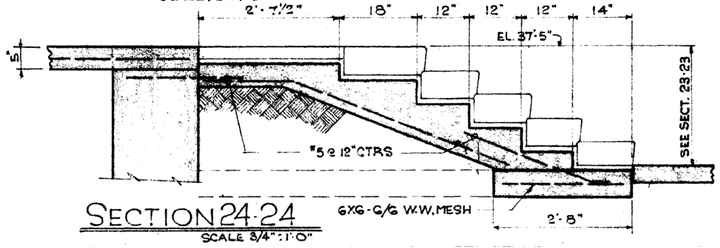


SECTION 23-23
SCALE 3/4" = 1'-0"



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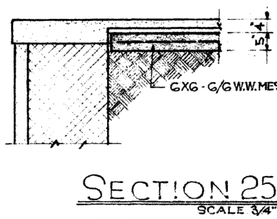


SECTION 25-25
SCALE 3/4" = 1'-0"

LSU PHYSICAL PLANT
131-008-58-5

ELECTRICAL ENGINEERING BUILDING
SOUTH CAMPUS DRIVE & FIELD HOUSE DRIVE
LOUISIANA STATE UNIVERSITY
AND
AGRICULTURAL AND MECHANICAL COLLEGE
BATON ROUGE, LOUISIANA

DATE: APRIL 58	DUNN & QUINN ARCHITECTS & ENGINEERS	PLAN No. 1008
DRAWN: E.M.	1735 RYAN ST.	SHEET No. S-5
CHECKED: G.G.Q	LAKE CHARLES, LA.	
REVISED:		

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - ELECTRICAL ENGINEERING BLDG

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

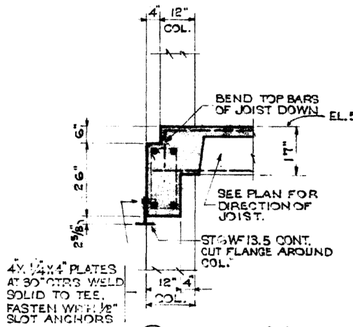
ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

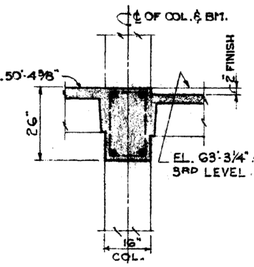
NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. **D02.01**

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-D02 EE BLDG



SECTION 1-1
SCALE ½"=1'-0"



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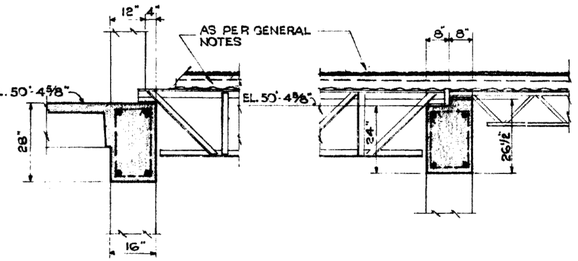
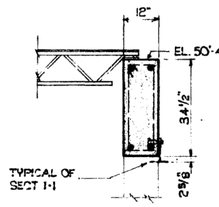


SECTION 3-3
SCALE ½"=1'-0"

SECTION 4-4
SCALE ½"=1'-0"



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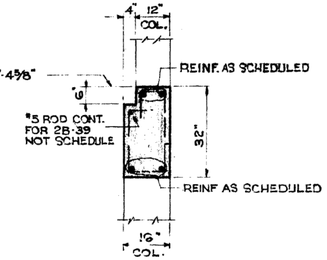

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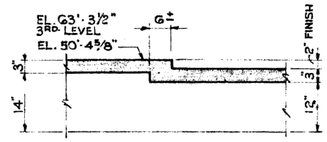

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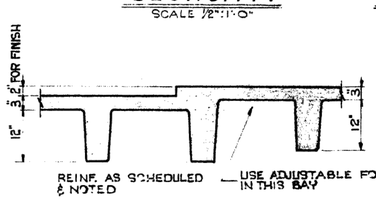

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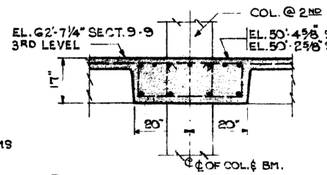
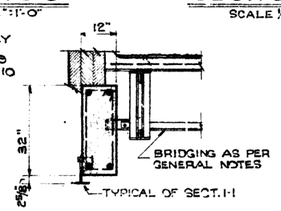
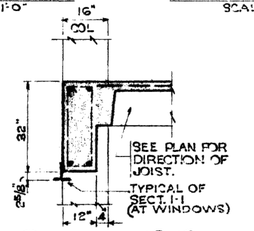
SCALE ¾"=1'-0"



SECTION 9-9 & 10-10
SCALE ½"=1'-0"



SECTION 11-11
SCALE ½"=1'-0"



SECTION 12-12
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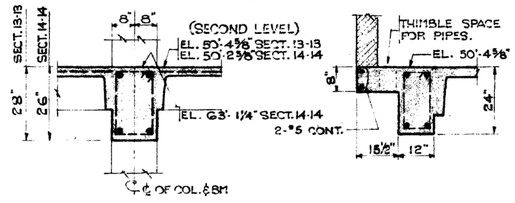
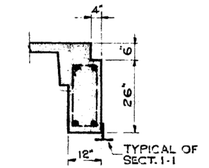


SECTION 13-13 & 14-14
SCALE ½"=1'-0"

SECTION 15-15
SCALE ½"=1'-0"



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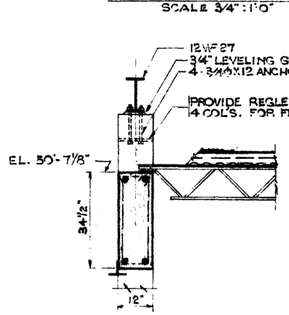

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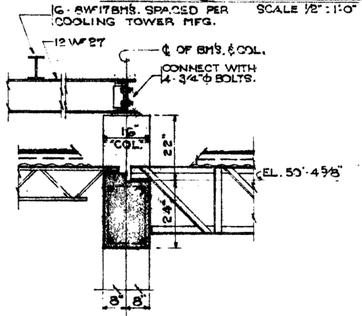

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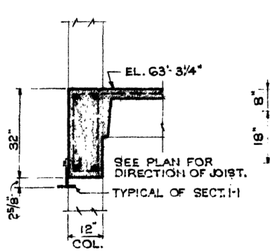

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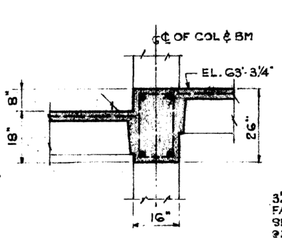

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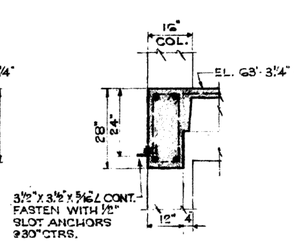

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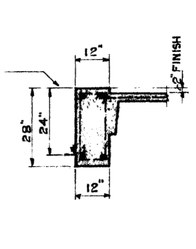

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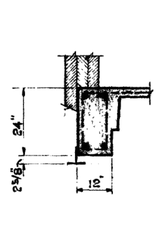

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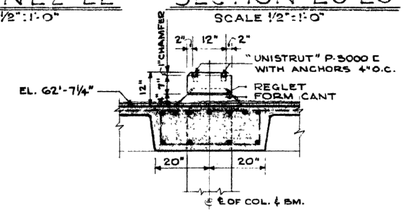

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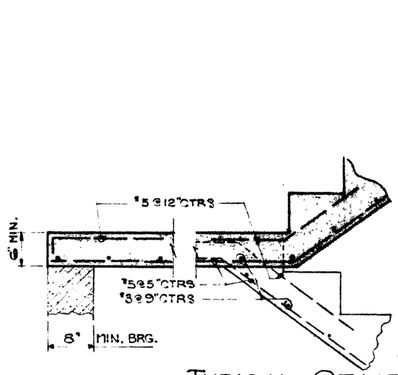


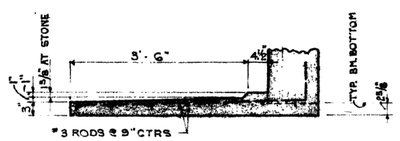
FLOOR LANDING

INTERMEDIATE LANDING

NOTE:
SEE ARCHITECTURAL STAIR DETAILS FOR FINISH

TYPICAL STAIR DETAILS
SCALE 1"=1'-0"

NOTE:
STANDARD JOISTS SHALL BE ANCHORED TO CONC. BEAMS WITH ¼"ϕ RODS ANCHORED IN CONC. & BENT OVER JOISTS & WELDED.
LONGSPAN JOIST SHALL BE ANCHORED WITH 2-¾"ϕ BOLTS EACH END.



TYPICAL CONC. CANOPY DETAIL
SCALE ¾"=1'-0"

LSU PHYSICAL PLANT
131-009-59-S

ELECTRICAL ENGINEERING BUILDING
SOUTH CAMPUS DRIVE & FIELD HOUSE DRIVE
LOUISIANA STATE UNIVERSITY
AND
AGRICULTURAL AND MECHANICAL COLLEGE
BATON ROUGE, LOUISIANA

DATE: APRIL 59
DRAWN: E.M.
CHECKED: G.G.Q
REVISED:

DUNN & QUINN
ARCHITECTS & ENGINEERS
1735 RYAN ST.
LAKE CHARLES, LA.

PLAN No. 1008
SHEET No. S-6

CONSTRUCTION DOCUMENTS

R:\2023\2312326 - FP&C LSU Infrastructure, Renov, & Streets\7.0 CAD\Production Plan\2312326C-D802 EE BLDG

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - ELECTRICAL ENGINEERING BLDG

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

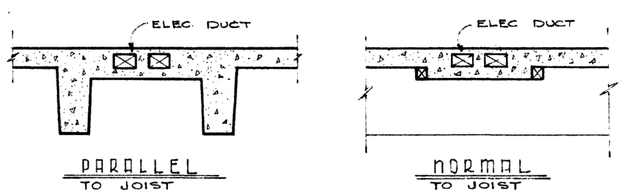
SHEET NO.
D02.02

CONSTRUCTION DOCUMENTS

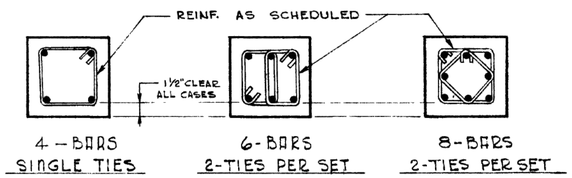
COLUMN & FOOTING SCHEDULE

MARK	COLUMN SUPPORTING FORTH LEVEL			COLUMN SUPPORTING THIRD LEVEL			COLUMN SUPPORTING SECOND LEVEL			COLUMN SUPPORTING FIRST LEVEL			FOOTINGS		
	SIZE	VERT. REINF.	TIES	SIZE	VERT. REINF.	TIES	SIZE	VERT. REINF.	TIES	SIZE	VERT. REINF.	TIES	FTG. DIA.	ELEV. TOP OF SHAFT	DOWELS
1							16 X 12	4-#7	#2 @ 12"c/c				92	25'-0"	#7 X 48"
2							16 X 12	4-#7	#2 @ 12"c/c				100	25'-0"	
3							16 X 12	4-#7	#2 @ 12"c/c				100	25'-0"	
4							16 X 12	4-#7	#2 @ 12"c/c				94	25'-0"	
5				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	120	25'-0"	
6				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	120	25'-0"	
7				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	136	25'-0"	
8				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	144	25'-0"	
9							16 X 12	4-#7	#2 @ 12"c/c				94	29'-0"	
10							16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	100	25'-0"	
11							16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	94	25'-0"	
12							16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	114	25'-0"	
13				16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c	136	25'-0"	
14				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c	136	25'-0"	
15				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c	148	25'-0"	
16				16 X 12	4-#7	#2 @ 12"c/c	16 X 16	6-#9	#2 @ 16"c/c				136	25'-0"	
17							16 X 16	4-#8	#2 @ 16"c/c				102	29'-0"	
18				16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#3	#2 @ 16"c/c	136	25'-0"	
19				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c	136	25'-0"	
20				16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c	148	25'-0"	
21				16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	120	25'-0"	
22	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c	136	31'-0"	
23	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				136	31'-0"	DO.
24	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				136	31'-0"	
25	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				148	31'-0"	
26	16 X 16	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	6-#8	#2 @ 16"c/c	16 X 16	6-#8	#2 @ 16"c/c	148	25'-0"	
27	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	6-#9	#2 @ 16"c/c	16 X 16	8-#9 *	SEE NOTE	164	25'-0"	
28	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c	16 X 16	8-#10 *	SEE NOTE	164	23'-6"	
29	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	136	25'-0"	
30	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c				164	32'-0"	
31	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c				136	32'-0"	
32	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c				136	32'-0"	
33	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c				136	32'-0"	
34	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c				136	32'-0"	
35	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9	#2 @ 16"c/c				136	32'-0"	
36	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	8-#9 *	SEE NOTE				164	32'-0"	
37	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				136	31'-0"	
38	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c				136	34'-0"	
39	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				136	34'-0"	
40	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				114	34'-0"	
41	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				114	34'-0"	
42	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				114	34'-0"	
43	16 X 12	4-#7	#2 @ 12"c/c	16 X 12	4-#7	#2 @ 12"c/c	16 X 16	4-#8	#2 @ 16"c/c				136	34'-0"	
44	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c				148	34'-0"	
45	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c	16 X 16	4-#8	#2 @ 16"c/c				108	34'-0"	
46													76	25'-0"	
47										16 X 16	4-#8	#2 @ 16"c/c	76	25'-0"	
48										16 X 16	4-#8	#2 @ 16"c/c	76	25'-0"	
49										16 X 16	4-#8	#2 @ 16"c/c	56	25'-0"	
50													68	25'-0"	
51													68	23'-6"	
52													68	25'-0"	#7 X 48"

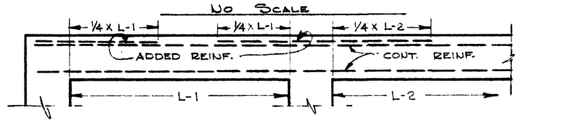
NOTE: * COLS. MARKED THUS SHALL HAVE SPIRALS 1/2" ϕ WIRE WITH 2" PITCH
EXTEND COLUMNS @ 3, 4, 11, 12, 14 & 15 ABOVE ROOF AS DETAILED. EXTEND REINF. SCHEDULED.



TYP. SLAB DETAIL AT ELECTRICAL DUCT
NO SCALE



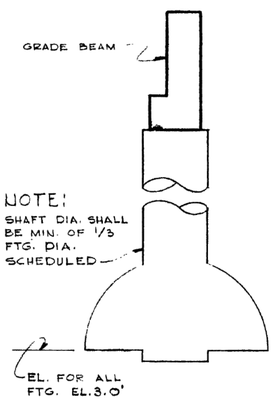
TYP. COLUMN REINFORCING
No Scale



TYP. JOIST & BEAM STEEL PLACING DIAGRAM
No Scale

JOIST SCHEDULE

MARK	RIB WIDTH	RIB DEPTH	SLAB	REINF. BOTTOM	REINF. TOP	ADDED REINF. TOP EA. END
1J-1	4	12	3	1-#6	1-#6	——
1J-2	6	12	3	2-#8	1-#4	1-#8
1J-3	8	12	3	2-#6	2-#6	——
1J-4	5	12	3	1-#6	1-#6	——
1J-5	5	12	3	1-#7 & 1-#6	1-#7	——
1J-6 & 7	5	12	3	1-#7 & 1-#6	1-#6	1-#6
1J-8	5	12	3	1-#7 & 1-#6	1-#7	——
1J-9	5	12	3	1-#7 & 1-#6	1-#6	1-#6
1J-10	4	12	3	1-#6	1-#6	——
1J-11 & 12	12	3	3	2-#8	1-#4	1-#8
1J-13	5	12	3	1-#6	1-#6	——
1J-14	5	12	3	1-#7 & 1-#6	1-#5	1-#6
1J-15	5	12 & 14	3	1-#7 & 1-#6	1-#5	1-#6
1J-16	4	12 & 14	3	1-#6	1-#6	——
1J-17	4	12	3	1-#6	1-#6	——
1J-18	5	12	3	2-#6	1-#4	——
1J-19	5	12	3	1-#6	1-#6	——
1J-20	5	12	3	1-#7 & 1-#6	1-#7	——
1J-21	5	12	3	1-#7 & 1-#6	1-#5	1-#6
1J-22	4	12	3	1-#6	1-#6	——
1J-23	6	14	3	2-#8	1-#4	1-#8
1J-24	5	12	3	1-#6	1-#6	——
1J-25 & 26	5	12	3	1-#7 & 1-#6	1-#5	1-#6
1J-27	5	12	3	1-#7	1-#7	——
1J-28-30	5	12	3	1-#5	1-#5	——
1J-31	5	12	3	1-#6	1-#6	——
1J-32	5	12	3	1-#7 & 1-#6	1-#5	1-#6
1J-33	5½	12	3	1-#6	1-#6	——
2J-1	8½	12	3	1-#6	1-#6	——
2J-2-4	5	12	3	1-#7 & 1-#6	1-#5	1-#6
2J-5 & 6	8½	12	3	1-#6	1-#6	——
2J-7	5	12	3	1-#7 & 1-#6	1-#5	1-#6
2J-8	5	12 & 14	3	1-#7 & 1-#6	1-#5	——
2J-9	5	12	3	1-#7 & 1-#6	1-#5	1-#6
2J-10 & 11	8½	12	3	1-#6	1-#6	——
2J-12-14	5	12	3	1-#7 & 1-#6	1-#5	1-#6
2J-15	8½	12	3	1-#6	1-#6	——
2J-16-20	5	12	3	1-#8 & 1-#7	1-#5	1-#7
2J-21	4	12 & 14	3	1-#5	1-#5	——
2J-22 & 23	5	12 & 14	3	1-#8 & 1-#7	1-#5	1-#7
2J-24	4	12	3	1-#5	1-#5	——
2J-25	5	12	3	1-#6	1-#6	——
2J-26 & 27	5	12 & 14	3	1-#8 & 1-#7	1-#5	1-#7
2J-28	5	12	3	1-#6	1-#6	——
2J-29	5	12	3	1-#8 & 1-#7	1-#5	1-#7
2J-30	5	12	3	1-#6	1-#6	——
2J-31	5	12	3	1-#8 & 1-#7	1-#5	1-#7
2J-32 & 33	6	12	3	1-#6	1-#6	——
3J-1-3, 19	5	12	2½	1-#7 & 1-#6	1-#5	1-#6
3J-4	5	12	3	1-#7 & 1-#6	1-#5	1-#7
3J-5	5	12	3	1-#7 & 1-#6	1-#5	——
3J-6 & 7	5	12	3	1-#7 & 1-#8	1-#5	1-#7
3J-8	5	12	3	2-#6	1-#6	——
3J-9	4	12	3	1-#6	1-#6	——
3J-10	5	12	3	1-#7 & 1-#8	1-#5	1-#7
3J-11	4	12	3	1-#6	1-#6	——
3J-12	5	12	3	1-#6	1-#6	——
3J-13 & 14	5	12 & 14	3	1-#7 & 1-#8	1-#5	1-#7
3J-15	5	12	3	1-#6	1-#6	——
3J-16	4	12	3	1-#6	1-#6	——
3J-17	5	12	3	1-#7 & 1-#8	1-#5	1-#7
3J-18	4	12	3	1-#6	1-#6	——
3J-20	15	12	2½	2-#7	1-#5	
3J-21, 22, 23	5	12	2½	2-#8	1-#5	



TYP. FOOTING DET.
NO SCALE

NOTE:
ALL JOISTS HEADERS INDICATED ON PLANS SHALL BE WIDTH INDICATED, X DEPTH OF JOIST REINF. WITH 1-#5 ROD TOP & BOTTOM.
EXTEND COLUMN REINF. TO TOP OF FTG'S. AS SHOWN SECT. 1-1 FOUNDATION DETAILS.

TYP. SPIRAL REINF.
NO SCALE

LSU PHYSICAL PLANT
131-011-59-5

ELECTRICAL ENGINEERING BUILDING
SOUTH CAMPUS DRIVE & FIELD HOUSE DRIVE
LOUISIANA STATE UNIVERSITY
AND
AGRICULTURAL AND MECHANICAL COLLEGE
BATON ROUGE, LOUISIANA

DATE: APRIL '59	DUNN & QUINN ARCHITECTS & ENGINEERS 1735 RYAN ST. LAKE CHARLES, LA.	PLAN NO. 1008
DRAWN: E.M		SHEET NO. S-8
CHECKED: G.G.Q.		
REVISED:		

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - ELECTRICAL ENGINEERING BLDG

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

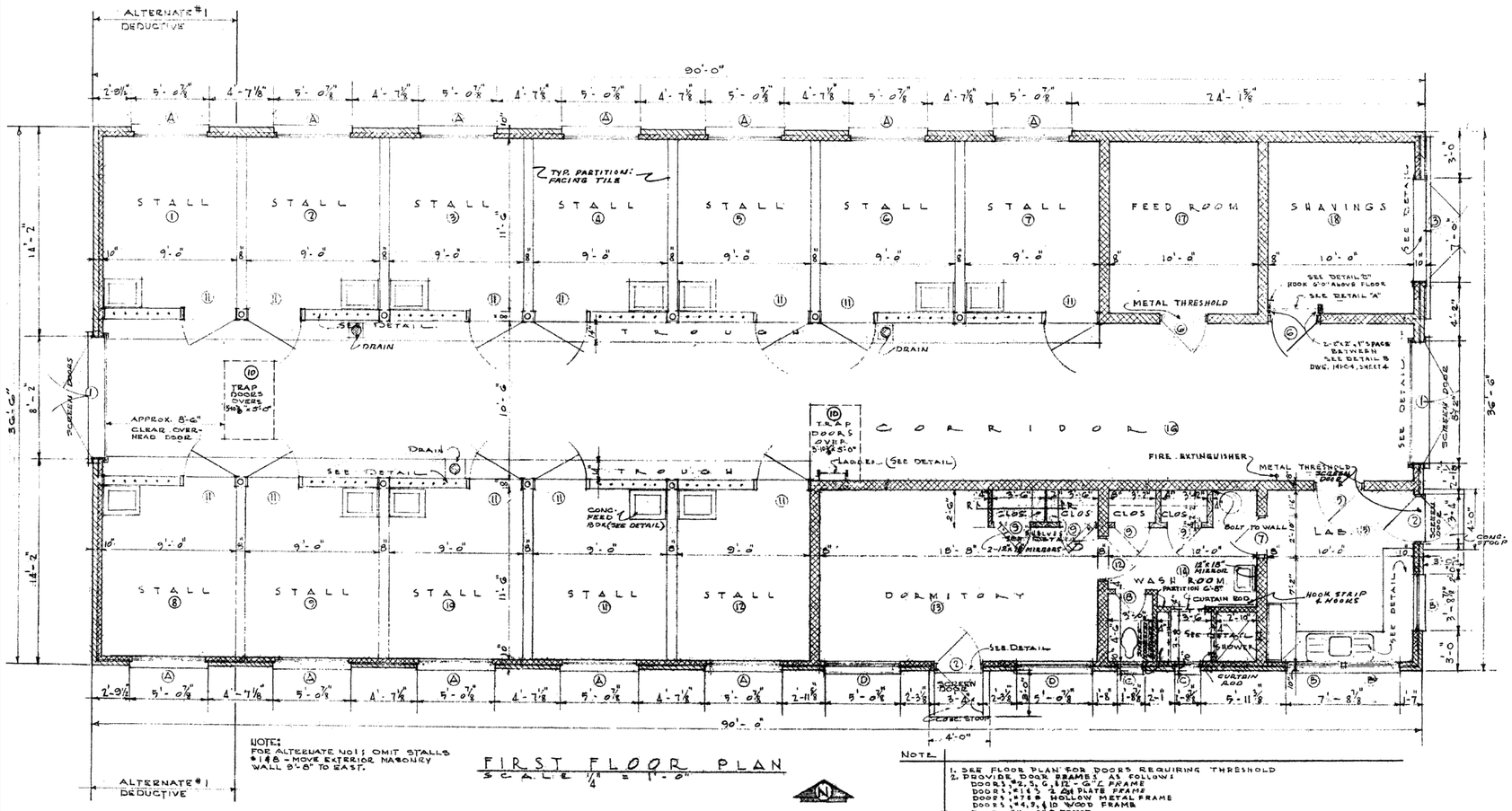
NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. **D02.03**

R:\2023\2312326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2312326-D802 EE BLDG

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260C-D503 VET ANNEX



FIRST FLOOR PLAN
SCALE 1/4" = 1'-0"

NOTE
1. SEE FLOOR PLAN FOR DOORS REQUIRING THRESHOLD
2. PROVIDE DOOR FRAMES AS FOLLOWS
DOOR 1, 2, 5, 6 & 11 - G.I. FRAME
DOOR 3 & 4 - 7 GA. PLATE FRAME
DOOR 7 & 8 - HOLLOW METAL FRAME
DOOR 9 & 10 - WOOD FRAME
DOOR 12 - #11 GA. FRAME

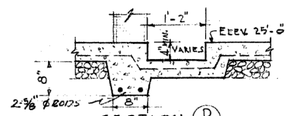
SCHEDULE OF OPENINGS

A	5'-0 7/8"	x	2'-9"		STEEL COM. PROJ. # A32160
B	3'-8 7/8"	x	5'-5"		" " " # B24141
C	1'-8 7/8"	x	4'-1"		" " " # A12121
D	5'-0 7/8"	x	5'-5"		" " " # A3417
1	8'-0"	x	7'-0"		WOOD OVERHEAD DOOR. 2-1 3/4" SCREEN DRS.
2	2'-11 5/8"	x	6'-11 1/4"	x 1 3/4"	STEEL 2 PANEL - INDUSTRIAL (2 LIGHTS)
3	2'-3'-0"	x	4'-0"	x 1 3/4"	METAL CLAD - SOLID CORE.
4	8'-0"	x	7'-0"	x 1 3/4"	(OVERHEAD) STEEL CANOPY (LOFT, FLOOR)
5	3'-0"	x	6'-8"	x 1 3/4"	FLUSH PANEL - SOLID CORE.
6	2'-11 5/8"	x	6'-11 1/4"	x 1 3/4"	STEEL 2 PANEL - INDUSTRIAL (2 LIGHTS)
7	2'-6"	x	6'-8"	x 1 3/8"	FLUSH PANEL - HOLLOW CORE.
8	2'-0"	x	6'-8"	x 1 3/8"	" " " "
9	2'-4"	x	6'-8"	x 1 3/8"	" " " "
10	JOB BUILT-UP	x	10'-0 1/8" x 5'-0"	x 1 1/2"	3/4" PLYWOOD - 2 PIECES. (SEE DETAIL)
11	3'-2"	x	5'-6"		WELDED STEEL TUBE GATE (SEE DETAIL)
12	2'-6"	x	6'-8"	x 1 3/4"	FLUSH PANEL HOLLOW CORE

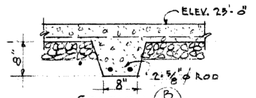
NOTE:
ALL DOORS SHOWN GLAZED TO HAVE WIRE GLASS

SCHEDULE OF FINISHES

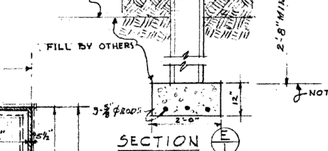
	AREA NO.	AREA	FLOOR: HARD TROWEL CONC.	FLOOR: WOOD	FLOOR: ASPHALT TILE	BASE: PLAST. WOOD NOSE.	WALL: TILE (FACING)	WALL: TILE BACKING UNFINISHED	CEILING: ASBESTOS-CEMENT SHEETS	CEILING: SUSPENDED	REMARKS
(1) THRU (7)		STALLS									
(8) THRU (12)		"									
13		DORMITORY									
14		WASH ROOM									6'-8" GLAZED TILE PARTITION IN SHOWER
15		LAB.									
16		CORRIDOR									
17		FEED ROOM									
18		SHAVINGS									
19		LOFT									
		CLOSETS									



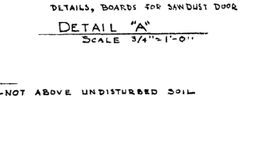
SECTION (D/1)



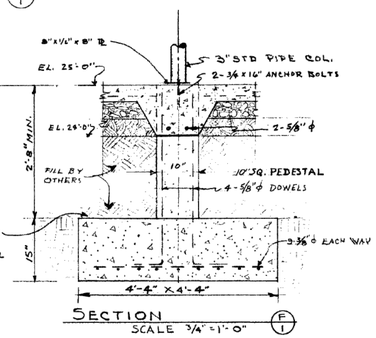
SECTION (B/1)



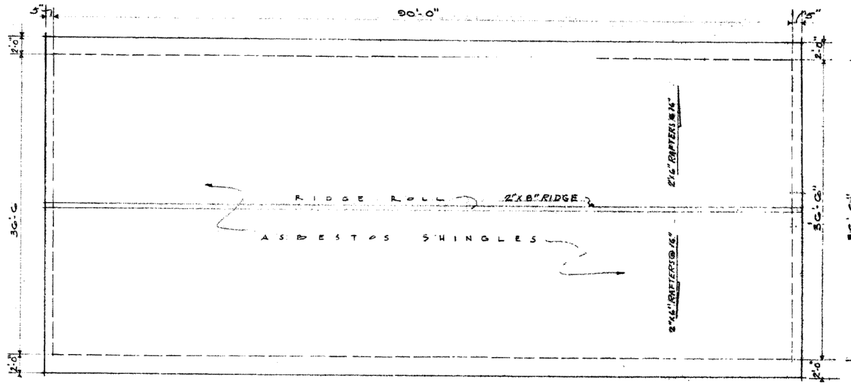
SECTION (F/1)



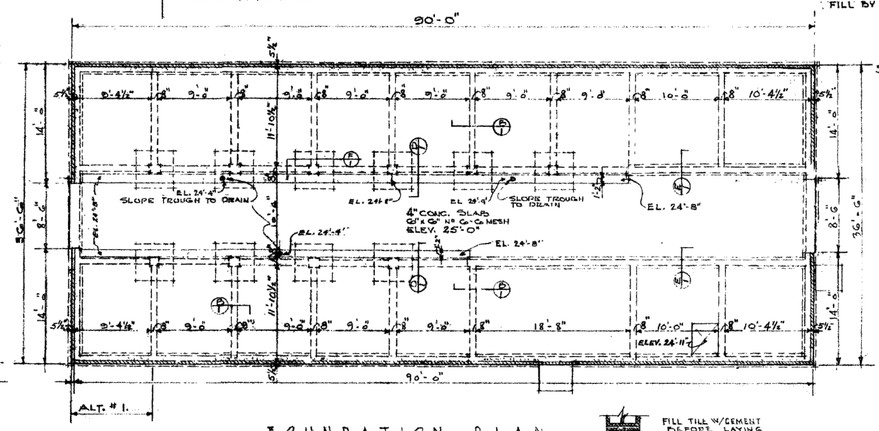
DETAIL "A"
SCALE 3/4"=1'-0"



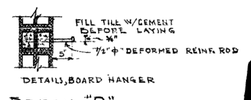
SECTION
SCALE 3/4"=1'-0"



ROOF PLAN
SCALE 1/8" = 1'-0"



FOUNDATION PLAN
SCALE 1/8" = 1'-0"



DETAIL "C"
SCALE 3/4"=1'-0"

LEGEND OF MATERIALS:

CONC. BLOCK (PLAN) — BRICK
CONC BLOCK (SECT.) — TILE (FACING)
WOOD

LSU PHYSICAL PLANT
132-034-55-A

VETERINARY RESEARCH CENTER FOR LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE
SCALE AS SHOWN
DATE 1 FEB. '55
APPROVED BY W. T. Ogleson
DRAWN BY C.M.B. CK BY J.H.F.
ANIMAL DISEASE HOSPITAL
P.N. 141-C-4
JOHN H FARRENS JR AIA 1055 CONVENTION ARCHITECT BATON ROUGE, LA.
DRAWING NUMBER 1C OF 7

ANIMAL DISEASE HOSPITAL - BLDG.-C

LSU
FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - VET SCIENCE ANNEX

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

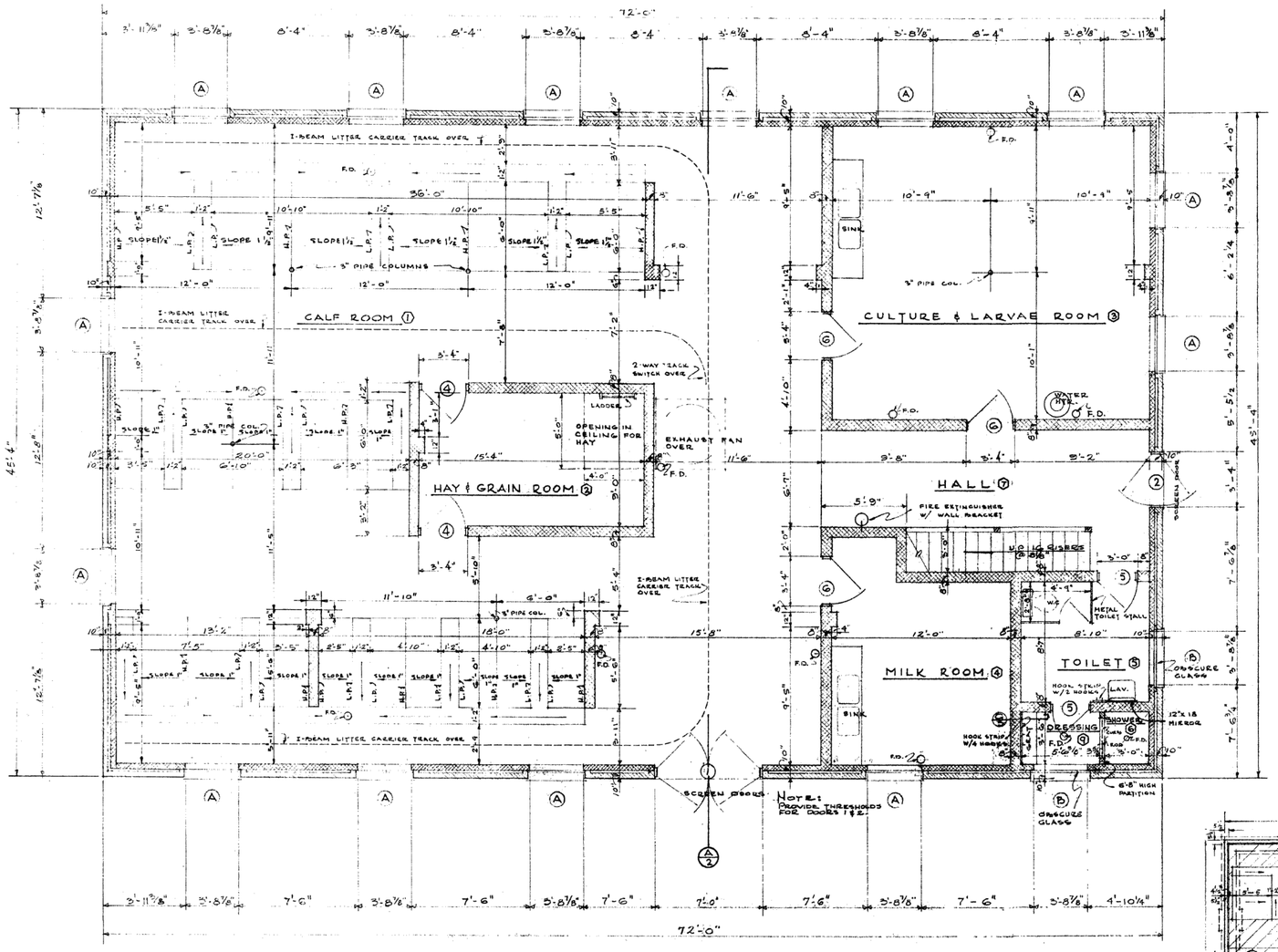
ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. D03.00

CONSTRUCTION DOCUMENTS



FLOOR PLAN
SCALE 1/4" = 1'-0"

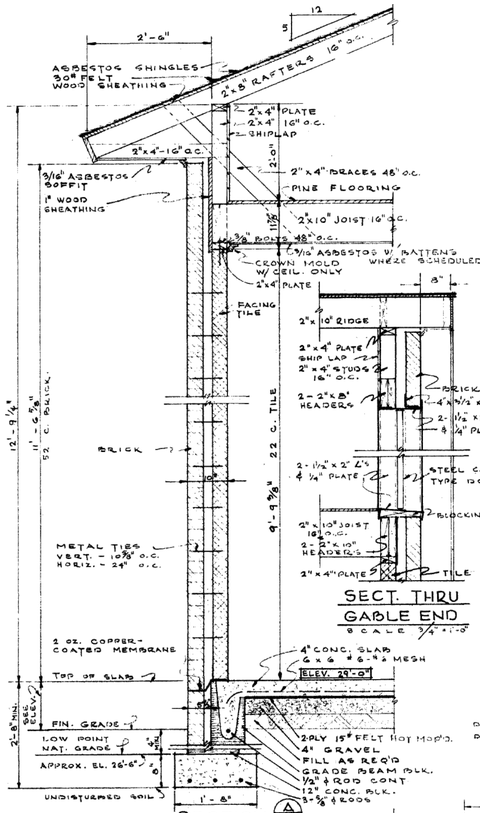
DOOR JAMB & HEAD DETAILS
SCALE 3/4" = 1'-0"

SCHEDULE OF FINISHES

AREA No	AREA	FLOOR	WALL	CEIL.	BASE	WNSCT.	REMARKS
		HARD TOPPED CONC. FIN. CONTROL JOINTS @ 1' TYP.	FACING TILE W/ SHIPLAP	UNFINISHED 3/16 ASBESTOS	6" CONCRETE	GLAZED TILE W/ 6"	
1	CALF ROOM	●	●	●			SEE SHT. FOUNDATION PLAN FOR FINISH FLOOR ELEVATIONS
2	HAY & GRAIN	●	●	●			
3	CULTURE & LARVAE	●	●	●			
4	MILK	●	●	●			
5	TOILET	●	●	●			
6	SHOWER	●	●	●	●	●	
7	HALL	●	●	●			
8	LOFT		●	●			
9	DRESSING	●	●	●			

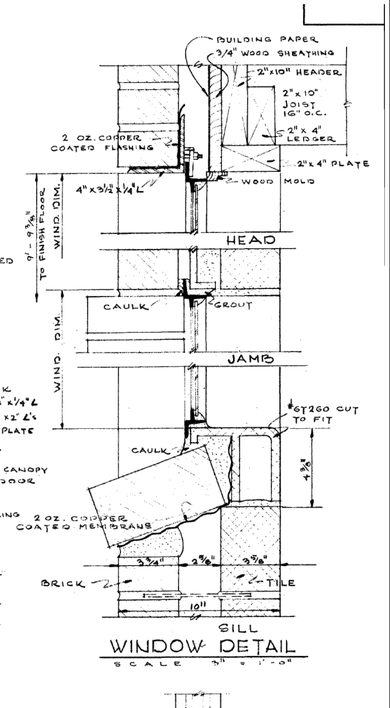
SCHEDULE OF OPENINGS

MARK	DIMENSIONS	GLASS	DESCRIPTION	FRAME
A	3'-8 1/8" x 5'-5"	D.S.B.	STEEL 'COMMERCIAL PROJECTED' - B 24141	
B	3'-8 1/8" x 4'-1"	D.S.B.	STEEL COMMERCIAL PROJECTED - B 23140	
				FRAME
1	2 - 3'-3 5/8" x 2'-11 1/4" x 1 3/4"	1/4" WIRE GL.	STEEL INDUST. 2-PANEL 1/2 GL. 2 LT. 5470	G.I.
2	3'-11 7/8" x 6'-11 3/4" x 1 3/4"	1/4" WIRE GL.	STEEL INDUST. 2-PANEL 1/2 GL. 2 LT. 5070	PRESSED STEEL
3	8'-0" x 7'-0" x 1 3/4"		STEEL CANOPY-TYPE OVERHEAD LOFT DOOR	2-1/4" x 2-1/4" x 1/4" PLATE
4	2'-11 7/8" x 6'-11 3/4" x 1 3/4"	1/4" WIRE GL.	STEEL INDUST. 2-PANEL 1/2 GL. 2 LT. 5070	G.I.
5	2'-8" x 6'-8" x 1 3/4"		WOOD FLUSH PANEL SOLID CORE	PRESSED STEEL
6	3'-0 x 6'-8" x 1 3/4"		WOOD FLUSH PANEL SOLID CORE	PRESSED STEEL

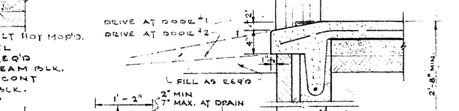


SECT. THRU GABLE END
SCALE 3/4" = 1'-0"

TYPICAL WALL SECTION
SCALE 1/4" = 1'-0"

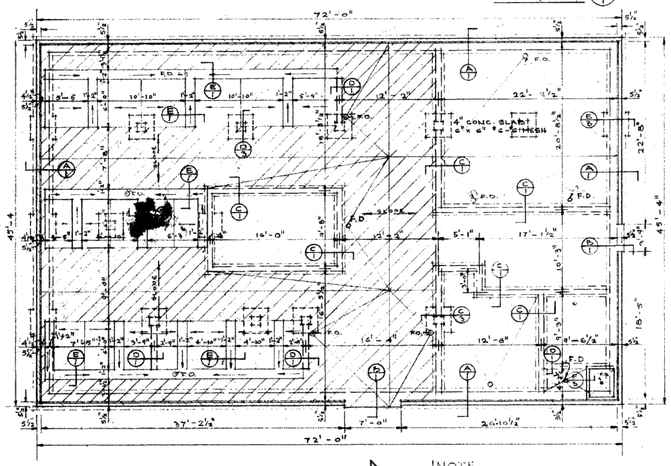


WINDOW DETAIL
SCALE 3" = 1'-0"



SECTION (E/1)

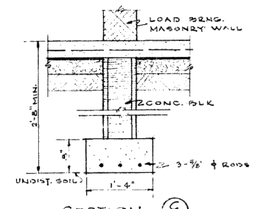
SECTION (B/1)



FOUNDATION PLAN
SCALE 1/8" = 1'-0"

NOTE
HATCHED AREA INDICATES BROOM FINISHED CONC.

NOTE
SEE SHEET D3 FOR SECTIONS (E) (3) (F)



FOOTING DETAILS
SCALE 3/4" = 1'-0"

NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS & CONDITIONS AT SITE BEFORE FABRICATION & CONSTRUCTION.

ANIMAL PARASITE BUILDING – BLDG. F

VETERINARY RESEARCH CENTER
FOR
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE

SCALE: AS SHOWN	APPROVED BY:	DRAWN BY: J.E.L., J.C.D.	
DATE: 20 JUNE 1969		CHKD BY: J.H.F.	SHEET: 1-F OF 5

ANIMAL PARASITE BUILDING

JOHN H. FARRENS, JR. A.I.A. 1055 CONVENTION ARCHITECT BATON ROUGE, LA.

DRAWING NUMBER 141-F-4

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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COVINGTON, LA 70433

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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - VET SCIENCE POULTRY BUILDING

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

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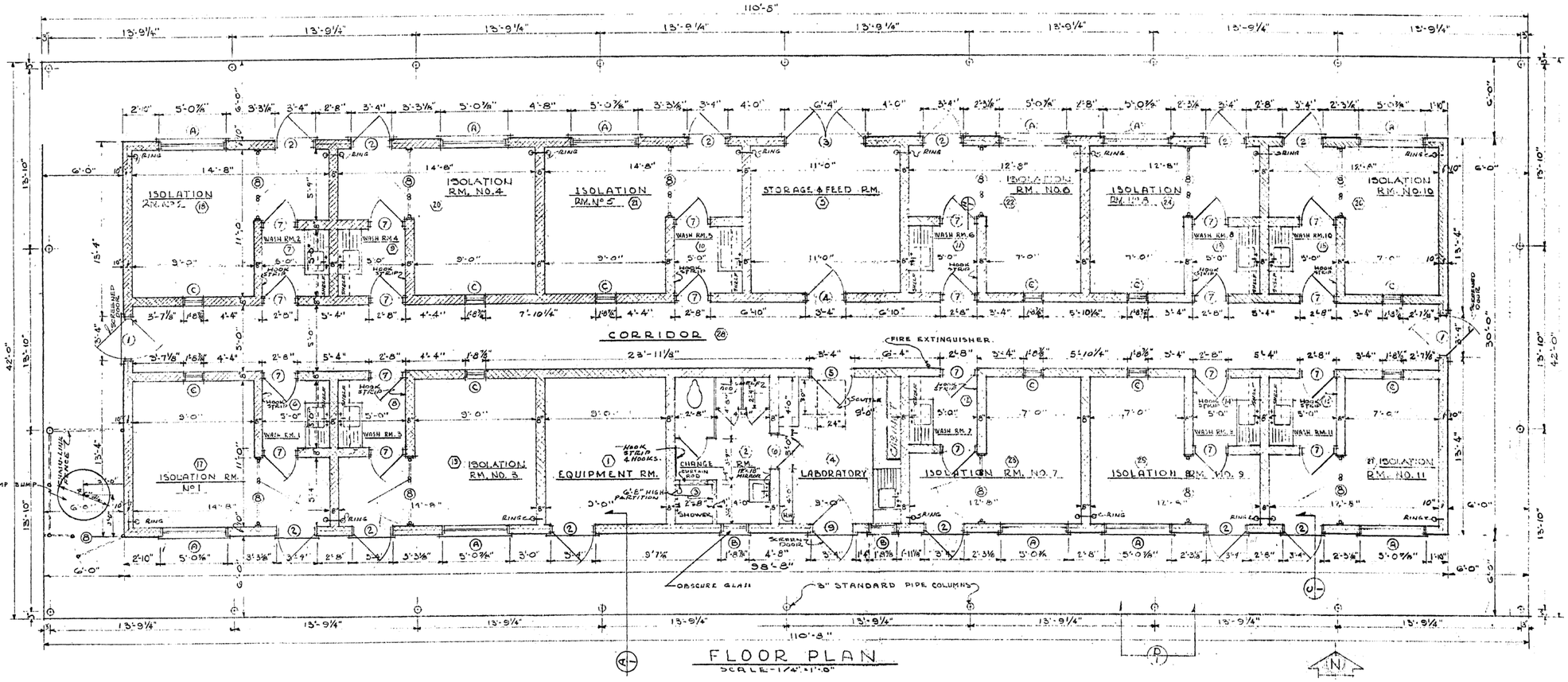
D04.00

R:\2023\231326 – FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D804 VET POULTRY

CONSTRUCTION DOCUMENTS



FLOOR PLAN
SCALE-1/4"=1'-0"

ROOM FINISH SCHEDULE

AREA NO.	AREA	FLOOR	BASE	WAINSC.	WALL	CEILING	REMARKS
(1)	EQUIPMENT ROOM						
(2)	CHANGE ROOM						
(3)	SHOWER						
(4)	LABORATORY						
(5)	STORAGE ROOM						
(6-17)	WASH ROOMS 1 THRU 11						
(18-27)	ISOLATION RMS 1 THRU 11						
(28)	CORRIDOR						
○							

1-12" SHELF W/ 4 HOOKS

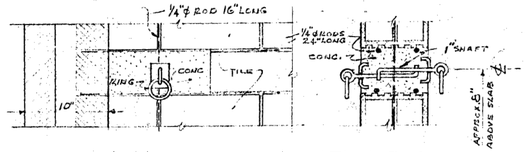
DOOR & FRAME SCHEDULE

MARK	SIZE	GLASS	DESCRIPTION	FRAME	WEATHER STRIPPING & THRESHOLDS
(1)	3'-0"x7'-0"x1 3/4"	CLEAR WIRE	WOOD, FLUSH PANEL, SOLID CORE, 3 LTS. W/ SCREEN	6"C	THRESH.
(2)	3'-0"x7'-0"x1 3/4"	CLEAR WIRE	WOOD, FLUSH PANEL, SOLID CORE, 2 LTS.	6"C	THRESH. & WEATH.
(3)	2-2'-11 5/8"x6'-11 1/2"x1 3/4"	CLEAR WIRE	STEEL, INDUSTRIAL, 2 LIGHT	6"C	THRESH.
(4)	2'-11 5/8"x6'-11 1/2"x1 3/4"	CLEAR WIRE	STEEL, INDUSTRIAL, 2 LIGHT	6"C	—
(5)	3'-0"x6'-8"x1 3/4"	CLEAR WIRE	WOOD, FLUSH PANEL, HOLLOW CORE, (2 LIGHT)	6"C	—
(6)	2'-8"x6'-8"x1 3/4"		WOOD, FLUSH PANEL, HOLLOW CORE	HOLLOW METAL	—
(7)	1'-4"x6'-8"x1 3/4"	CLEAR WIRE	WOOD, FLUSH PANEL, HOLLOW CORE, 12 1/2" LT	6"C	THRESH. & WEATH.*
(8)	5'-0"x5'-0"		PIPE & CHAIN LINK GATE	—	—
(9)	3'-0"x7'-0"x1 3/4"	CLEAR WIRE	WOOD, FLUSH PANEL, SOLID CORE 2 LIGHTS - W/ SCREEN DOOR	6"C	THRESH.

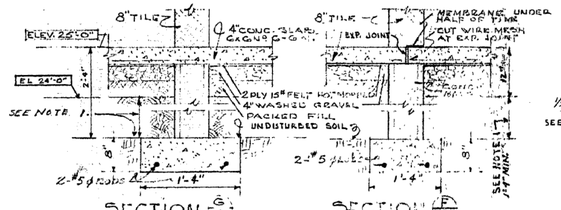
*WEATHER STRIP DOOR TYPE 7 FROM WASH ROOM TO ISOLATION ROOM

WINDOW SCHEDULE

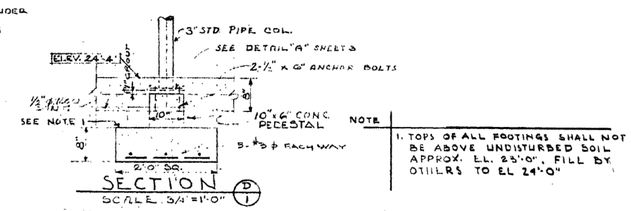
(A)	3'-0 7/8"x 4'-1"	D.S.H.	STEEL, COMMERCIAL PROJECTED, A1312
(B)	1'-8 1/8"x 4'-1"	D.S.H.	STEEL, COMMERCIAL PROJECTED, A1312
(C)	1'-8 1/8"x 2'-9"	D.S.H.	STEEL, COMMERCIAL FIXED, A12
○			
○			
○			



DETAILS OF RINGS IN ISOLATION RMS
SCALE 1 1/2"=1'-0"



SECTION G
SECTION F
SCALE 3/4"=1'-0"



SECTION D
SCALE 3/4"=1'-0"

NOTE
1. TOPS OF ALL FOOTINGS SHALL NOT BE ABOVE UNDISTURBED SOIL APPROX. EL. 25'-0", FILL BY OTHERS TO EL 24'-0"

CONTAGIOUS DISEASE ISOLATION HOSPITAL - BLDG. 15

VETERINARY RESEARCH C
LOUISIANA STATE UNIV
AND AGRICULTURAL AND MECHANICAL C
SCALE: AS SHOWN
DATE: 1 FEB 55
APPROVED BY
CONTAGIOUS DISEASE ISOLATION HOSPITAL
JOHN H. FARRENS, JR. A.I.A. 1035 CONVENTION
ARCHITECT BATON ROUGE, LA.

RIGHT PART OF DRAWING IS TOO BAD TO BE SC

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
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MECHANICAL & ELECTRICAL ENGINEER:
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5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - VET SCIENCE PARASITE BUILDING

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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1"

REVISIONS

NO.	DESCRIPTION	DATE

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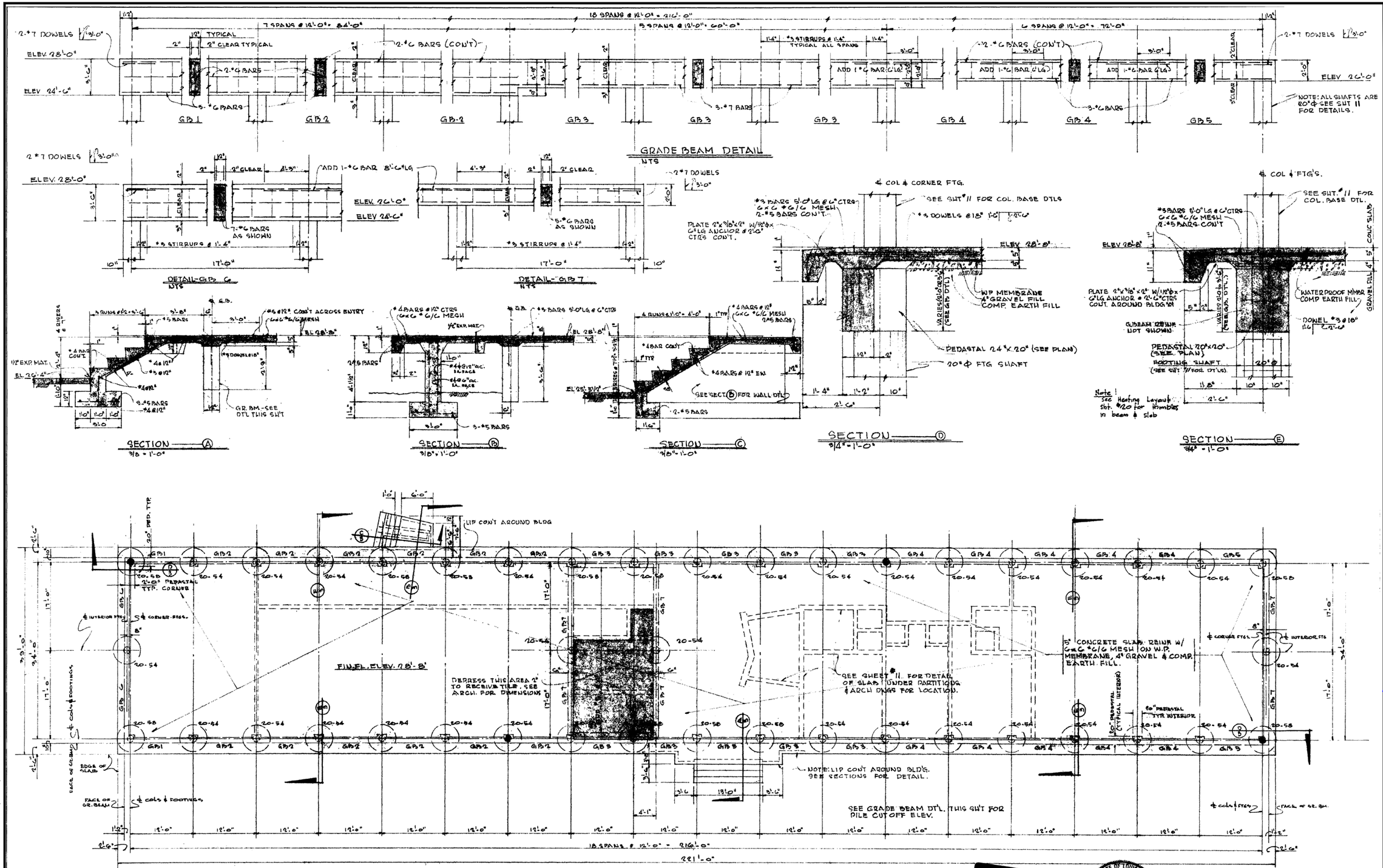
DATE: 06/27/2025
SHEET NO. **D05.00**

R:\2023\023326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-D05 VET PARASITE

CONSTRUCTION DOCUMENTS



FOUNDATION · PLAN — BLDG. "A"
1/8" = 1'-0"

LSU PHYSICAL PLANT
129-004-58-5

A. J. PERRAULT, JR. REG. No. 1097 REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

PERRAULT & PERRAULT
CONSULTING ENGINEERS
BATON ROUGE, LOUISIANA

C. SCOTT YEAGER & ASSOCIATES
ARCHITECTS AND ENGINEERS
C. SCOTT YEAGER, A.I.A. 04-54 C. SCOTT YEAGER, JR. CHARLES R. LAMKIN
ALEXANDRIA LOUISIANA

DWN	CKD	APP.
A.J.P.	C.S.Y. Jr.	
JOB # 5813	DATE 11-58	REV.

3 of 23

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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COVINGTON, LA 70433

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PREMIER GEOTECH AND TESTING, LLC
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - MANSHIP RESEARCH BLDG

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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1"

REVISIONS

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CHECKED BY: ABH

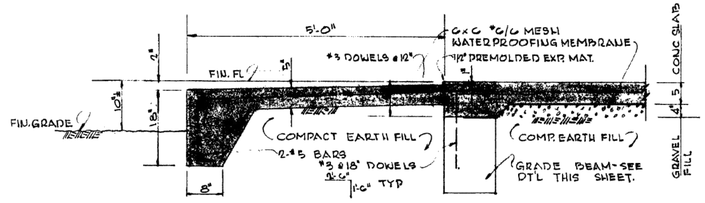
DATE: 06/27/2025

SHEET NO.
D06.00

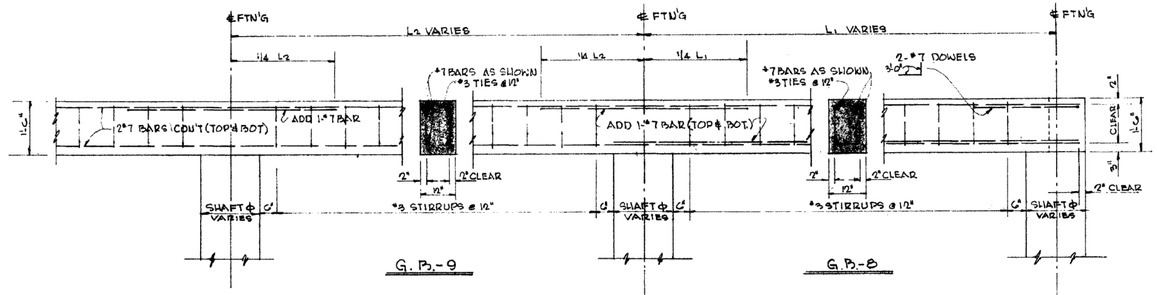
R:\2023\2313265 — FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313265-D806 MANSHIP RESEARCH

CONSTRUCTION DOCUMENTS

R:\2023\231326 – FP&C LSU Infrastructure, Renov, & Streets\7.0 CAD\Production Plan\231326-D07 MANSHIP ANNEX

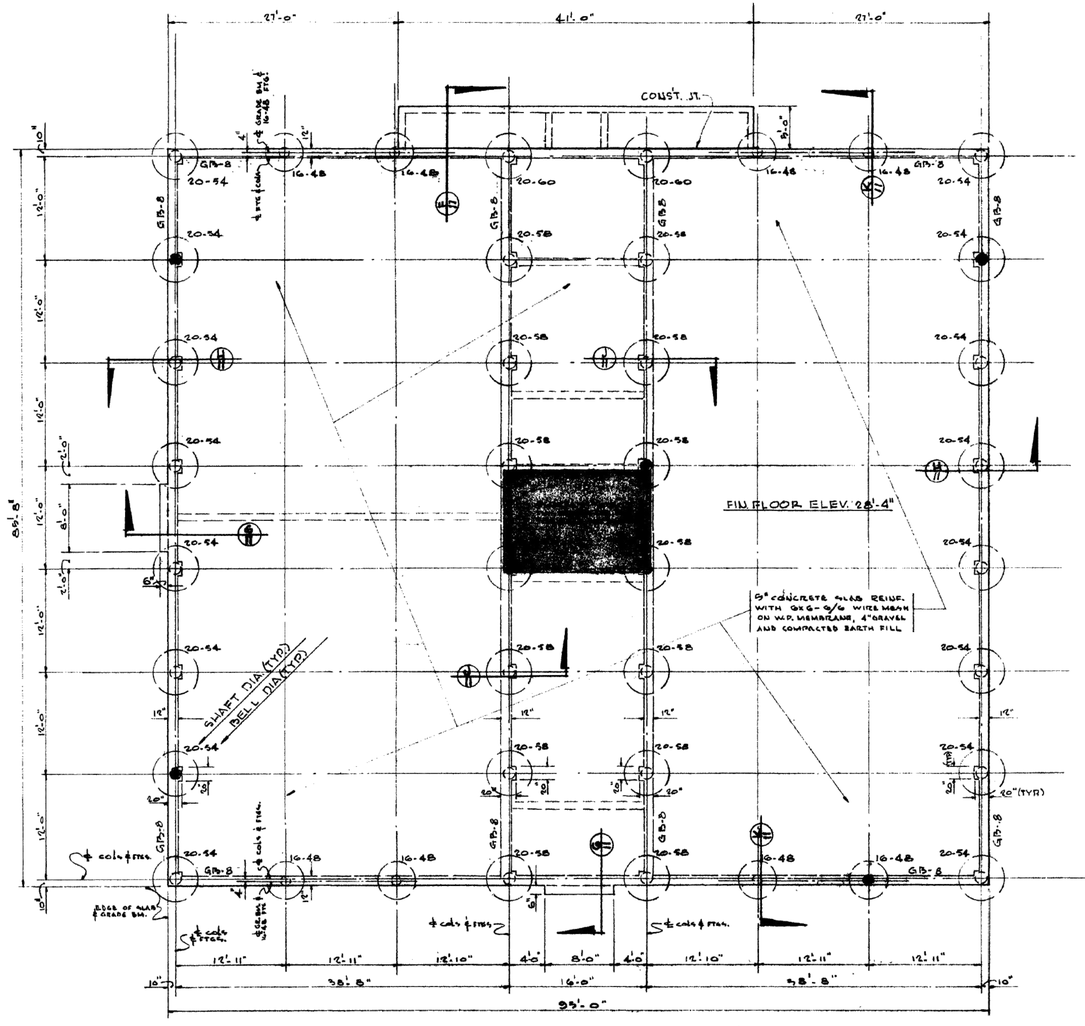


SECTION Ⓕ
3/4" = 1'-0"



G.B.-9 G.B.-8

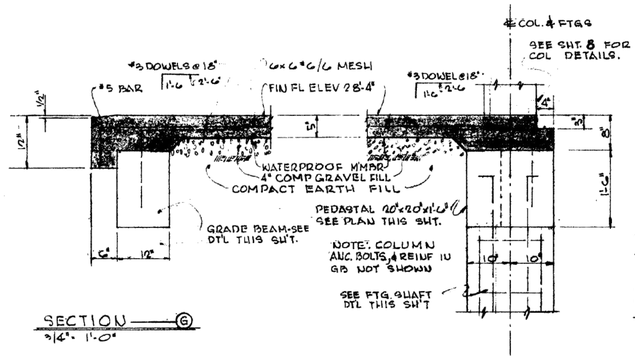
GRADE BEAM DETAIL
3/4" = 1'-0"



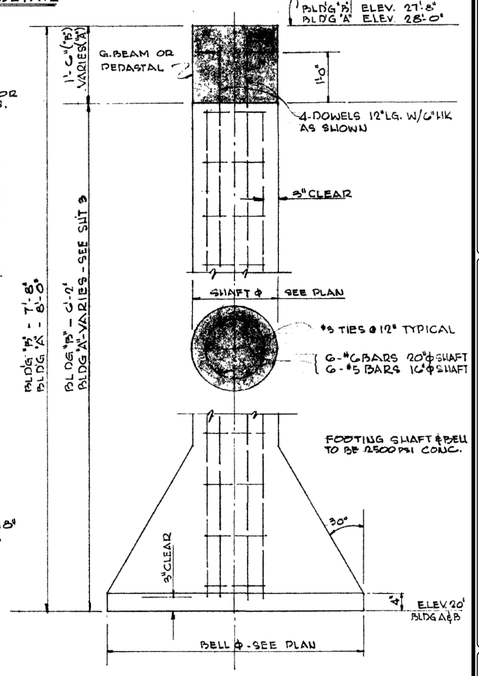
FOUNDATION PLAN BLDG. "B"
1/8" = 1'-0"

NOTE: ALL GRADE BEAMS SHALL BE GB-9 UNLESS NOTED OTHERWISE.

ALL SHAFTS THAT ARE SHADED SHALL BE DRILLED FIRST, DOWN TO ELEV 20'-0" & THE ARCHITECT'S APPROVAL SHALL BE OBTAINED BEFORE PROCEEDING WITH THE OTHER FTGS. (TYP BLDG "A" & "B")

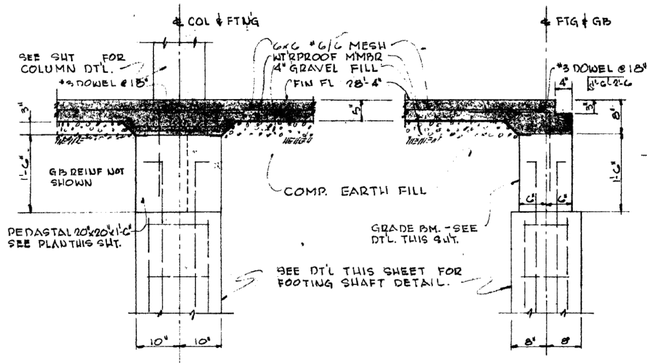


SECTION Ⓖ
3/4" = 1'-0"



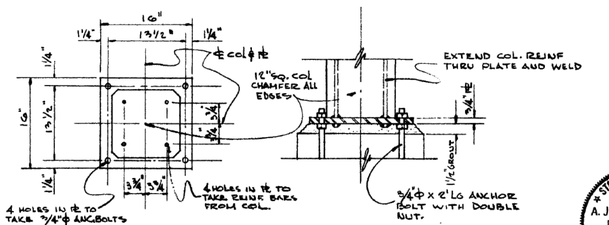
SECTION Ⓗ
3/4" = 1'-0"

BELL BOTTOM FOOTING DETAIL
NOT TO SCALE



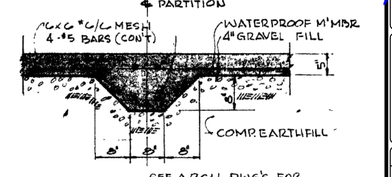
SECTION Ⓙ
3/4" = 1'-0"

SECTION Ⓚ
3/4" = 1'-0"



BASE PLATE DETAIL (TYPICAL ALL COLS)
1" = 1'-0"

NOTE: ALL CONC. SHALL DEVELOP A 28 DAY COMP. STRENGTH OF 3000 psi UNLESS OTHERWISE NOTED.



SEE ARCH DWG'S FOR PARTITION LOCATIONS.

TYPICAL SLAB SECTION AT MASONRY PART.
3/4" = 1'-0"

STATE OF LOUISIANA
A. J. PERRAULT, JR.
REG. No. 1097
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

PERRAULT & PERRAULT
CONSULTING ENGINEERS
BATON ROUGE, LOUISIANA

PRELIMINARY PLANS
129-012-58-5

C. SCOTT YEAGER & ASSOCIATES
ARCHITECTS AND ENGINEERS
C. SCOTT YEAGER, A.I.A. 04-54 C. SCOTT YEAGER, JR. CHARLES R. LAMKIN
ALEXANDRIA LOUISIANA
DWN. A.J.P. CKD C.S.Y. APP. C.S.Y.
JOB # 5813 DATE 11-50 REV.

11 OF 23

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION - MANSHIP ANNEX BLDG

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS

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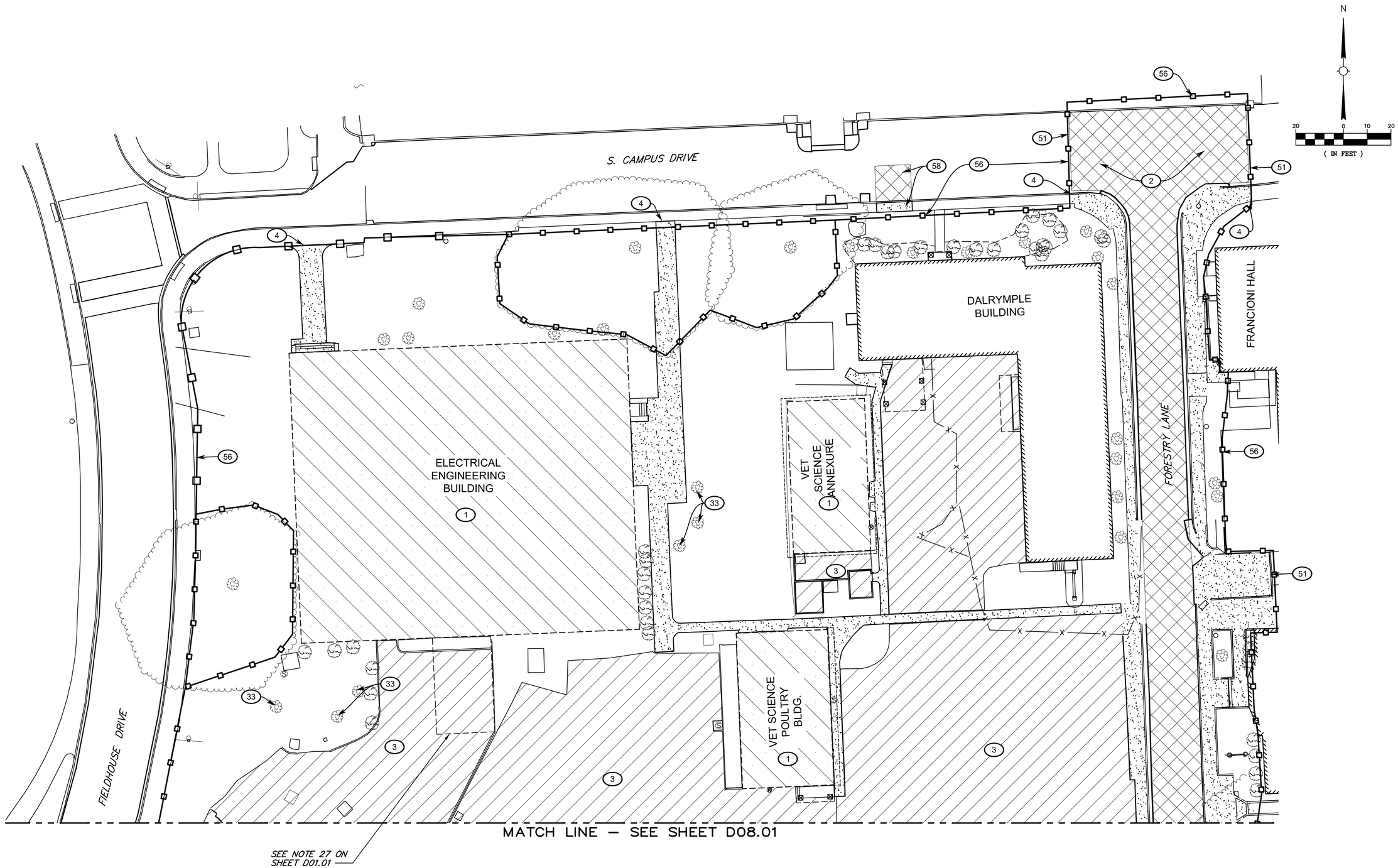
DATE: 06/27/2025

SHEET NO.
D07.00

CONSTRUCTION DOCUMENTS



SEE LEGEND ON SHEET D01.01 AND KEYNOTE DESCRIPTIONS ON SHEET D01.00

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO ENVIRONMENTAL ASBESTOS ABATEMENT AND MEP SHEETS FOR ADDITIONAL DEMOLITION INFORMATION

1 DEMOLITION PLAN – FUTURE LIBRARY SITE PAVEMENT

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FUTURE LIBRARY SITE PAVEMENT

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
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1"

REVISIONS

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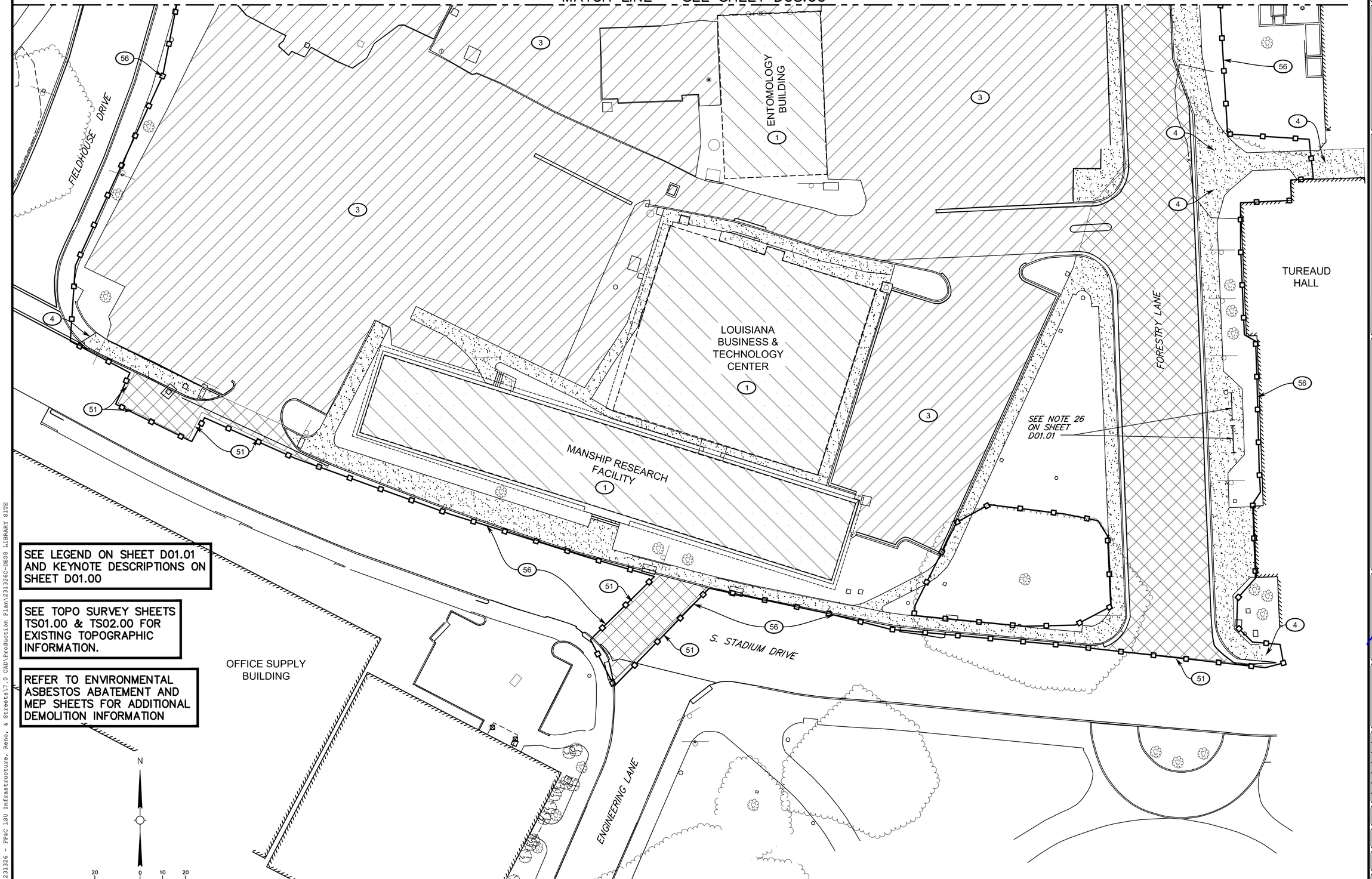
DATE: 06/27/2025

SHEET NO. **D08.00**

R:\2023\231326 - F&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D808 LIBRARY SITE

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326-D808 LIBRARY SITE



2 DEMOLITION PLAN – FUTURE LIBRARY SITE PAVEMENT

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FUTURE LIBRARY SITE PAVEMENT

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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1"

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CONSTRUCTION DOCUMENTS

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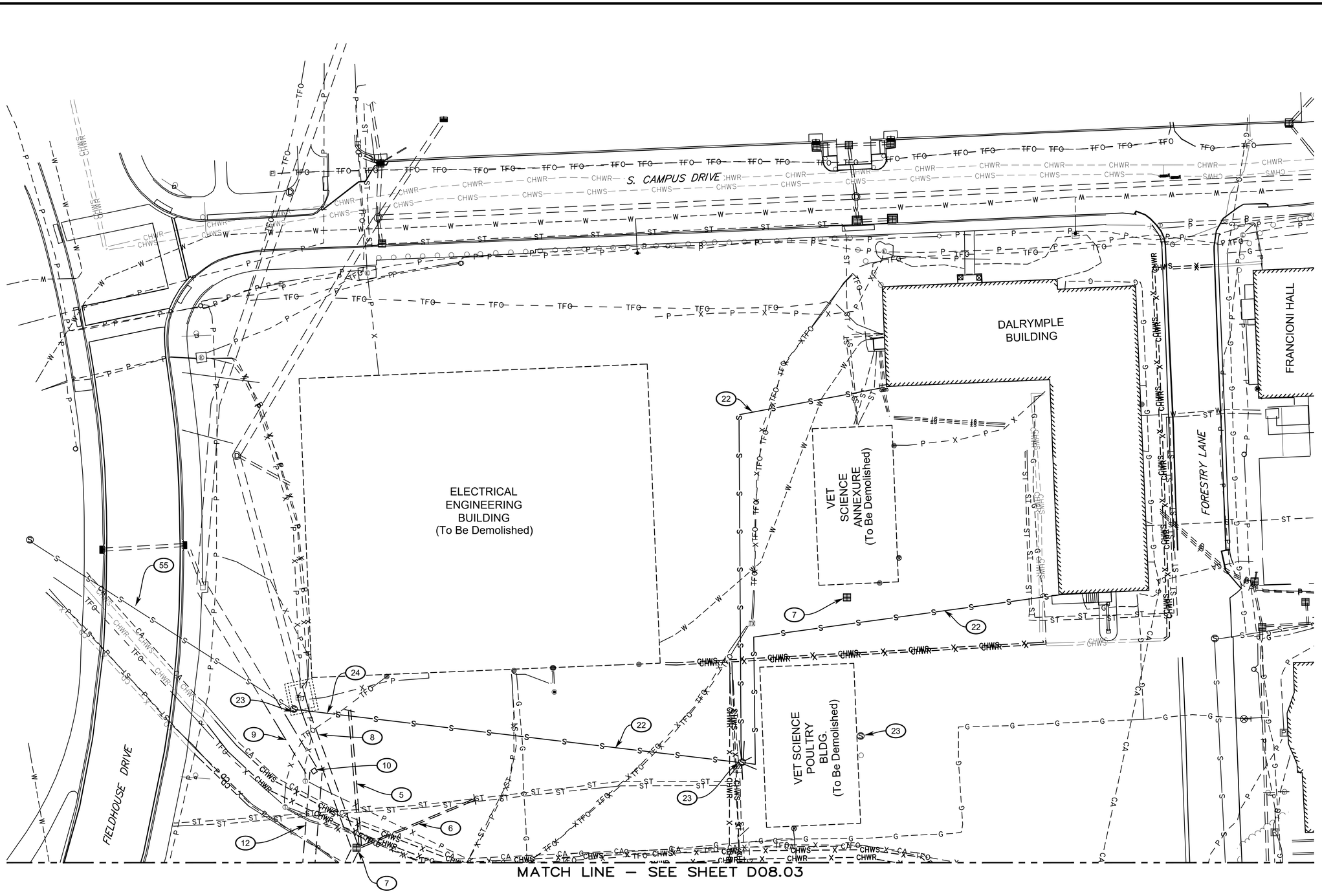

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(IN FEET)

SEE LEGEND ON SHEET D01.01 AND KEYNOTE DESCRIPTIONS ON SHEET D01.00

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO ENVIRONMENTAL ASBESTOS ABATEMENT AND MEP SHEETS FOR ADDITIONAL DEMOLITION INFORMATION

1 DEMOLITION PLAN – FUTURE LIBRARY SITE SEWER AND DRAINAGE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

DEMO - FUTURE LIBRARY SITE SEWER & DRAINAGE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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1"

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DATE: 06/27/2025

SHEET NO. **D08.02**

CONSTRUCTION DOCUMENTS

MATCH LINE – SEE SHEET D08.02

FIELDHOUSE DRIVE

ENTOMOLOGY BUILDING (To Be Demolished)

LOUISIANA BUSINESS & TECHNOLOGY CENTER (To Be Demolished)

MANSHIP RESEARCH FACILITY (To Be Demolished)

OFFICE SUPPLY BUILDING

TUREAUD HALL

FORESTRY LANE

S. STADIUM DRIVE

ENGINEERING LANE

"30" RCP (to Remain)

6" PVC

6" CLAY

15" CLAY

36"x59" CMPA

36"x48" RCB

36"x59" CMPA (to Remain)

8" CLAY

4" CLAY

SEE LEGEND ON SHEET D01.01 AND KEYNOTE DESCRIPTIONS ON SHEET D01.00

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO ENVIRONMENTAL ASBESTOS ABATEMENT AND MEP SHEETS FOR ADDITIONAL DEMOLITION INFORMATION

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(IN FEET)

2 DEMOLITION PLAN – FUTURE LIBRARY SITE SEWER AND DRAINAGE

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D808 LIBRARY SITE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FUTURE LIBRARY SITE SEWER & DRAINAGE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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1"

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SHEET NO. **D08.03**

CONSTRUCTION DOCUMENTS

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S. CAMPUS DRIVE

FIELDHOUSE DRIVE

ELECTRICAL ENGINEERING BUILDING (To Be Demolished)

VET SCIENCE ANNEXURE (To Be Demolished)

VET SCIENCE POULTRY BLDG. (To Be Demolished)

DALRYMPLE BUILDING

FRANCIONI HALL

FORESTRY LANE

STEAM & CHILLED WATER LINES TO REMAIN IN SERVICE TO DALRYMPLE BUILDING

MATCH LINE – SEE SHEET D08.05

SEE LEGEND ON SHEET D01.01 AND KEYNOTE DESCRIPTIONS ON SHEET D01.00

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO ENVIRONMENTAL ASBESTOS ABATEMENT AND MEP SHEETS FOR ADDITIONAL DEMOLITION INFORMATION

1 DEMOLITION PLAN – FUTURE LIBRARY SITE CHILLED WATER, STEAM, AND COMPRESSED AIR

N

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(IN FEET)

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FUTURE LIBRARY SITE UTILITIES

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. **D08.04**

CONSTRUCTION DOCUMENTS

MATCH LINE – SEE SHEET D08.04

FIELDHOUSE DRIVE

ENTOMOLOGY BUILDING (To Be Demolished)

LOUISIANA BUSINESS & TECHNOLOGY CENTER (To Be Demolished)

MANSHIP RESEARCH FACILITY (To Be Demolished)

TUREAUD HALL

FORESTRY LANE

S. STADIUM DRIVE

ENGINEERING LANE

OFFICE SUPPLY BUILDING

30" RCP (to Remain)

36"x59" CMPA

36"x48" RCB

36"x59" CMPA (to Remain)

15" CLAY

8" CLAY

4" CLAY

6" PVC

SEE LEGEND ON SHEET D01.01 AND KEYNOTE DESCRIPTIONS ON SHEET D01.00

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO ENVIRONMENTAL ASBESTOS ABATEMENT AND MEP SHEETS FOR ADDITIONAL DEMOLITION INFORMATION

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(IN FEET)

2 DEMOLITION PLAN – FUTURE LIBRARY SITE CHILLED WATER, STEAM AND COMPRESSED AIR

R:\2023\231326 – FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D808 LIBRARY SITE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FUTURE LIBRARY SITE UTILITIES

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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1"

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CONSTRUCTION DOCUMENTS

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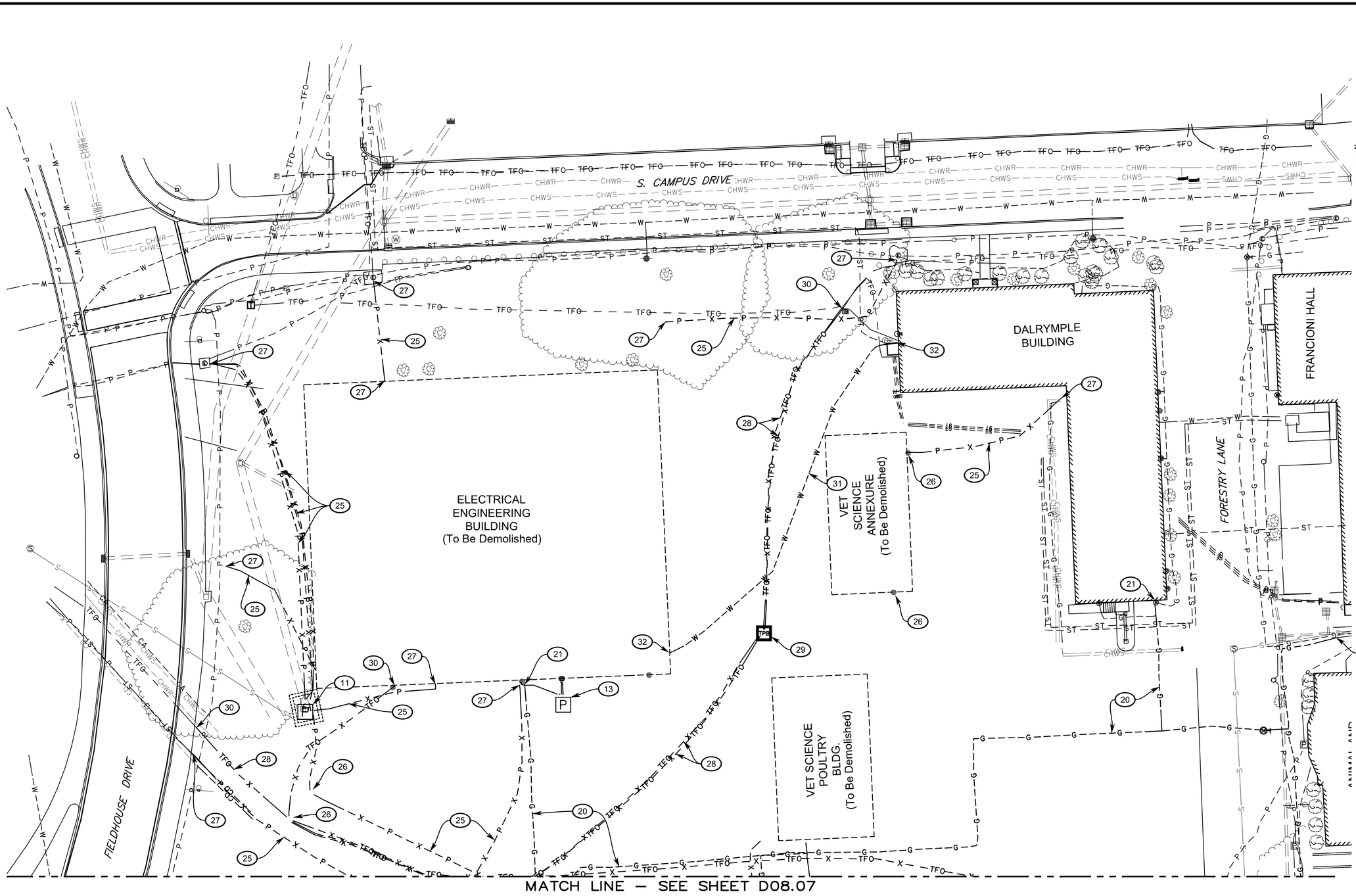

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REFER TO ENVIRONMENTAL ASBESTOS ABATEMENT AND MEP SHEETS FOR ADDITIONAL DEMOLITION INFORMATION

1 DEMOLITION PLAN – FUTURE LIBRARY SITE GAS, WATER, POWER, AND TELECOMMUNICATIONS

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FUTURE LIBRARY SITE UTILITIES

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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1"

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DATE: 06/27/2025

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D08.06

CONSTRUCTION DOCUMENTS

MATCH LINE – SEE SHEET D08.06

FIELDHOUSE DRIVE

30" RCP (to Remain)

ENTOMOLOGY BUILDING (To Be Demolished)

LOUISIANA BUSINESS & TECHNOLOGY CENTER (To Be Demolished)

MANSHIP RESEARCH FACILITY (To Be Demolished)

OFFICE SUPPLY BUILDING

TUREAUD HALL

FORESTRY LANE

S. STADIUM DRIVE

ENGINEERING LANE

36"x59" CMPA (to Remain)

36"x59" CMPA (to Remain)

36"x48" RCB

15" CLAY

8" CLAY

4" CLAY

6" PVC

SEE LEGEND ON SHEET D01.01 AND KEYNOTE DESCRIPTIONS ON SHEET D01.00

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO ENVIRONMENTAL ASBESTOS ABATEMENT AND MEP SHEETS FOR ADDITIONAL DEMOLITION INFORMATION

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(IN FEET)

2 DEMOLITION PLAN – FUTURE LIBRARY SITE GAS, WATER, POWER, AND TELECOMMUNICATIONS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-D808 LIBRARY SITE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

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5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FUTURE LIBRARY SITE UTILITIES

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

ATTENTION:
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1"

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CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-D609 FIELDHOUSE EXT

SEA GRANT BUILDING

S. QUAD DRIVE

LSU TIGER RACING FORMULA SAE

FACILITY SERVICES WAREHOUSE #2

20 0 10 20
(IN FEET)

SEE LEGEND ON SHEET D01.01 AND KEYNOTE DESCRIPTIONS ON SHEET D01.00

SEE TOPO SURVEY SHEETS TS01.00 & TS03.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

1 DEMOLITION PLAN – FIELDHOUSE DR. EXT. PAVEMENT & UTILITIES

LSU

FORTE & TABLADA

Civil Engineer & Survey:
Forte & Tablada, Inc.
9107 Interline Avenue
Baton Rouge, LA 70809

Landscape Architect:
CARBO Landscape Architecture, LLC
6633 Government Street
Baton Rouge, LA 70806

Mechanical & Electrical Engineer:
Salas O'Brien, LLC
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Environmental - Asbestos:
Rayner Consulting Group
7353 Highland Road,
Suite B-38
Baton Rouge, LA 70808

Subsurface Utility Engineering (SUE):
T. Baker Smith, LLC
180 Greenbrier Boulevard
Covington, LA 70433

Geotechnical Engineer:
Premier Geotech and Testing, LLC
9434 Interline Avenue
Baton Rouge, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMO - FIELDHOUSE DR. EXT. PVM'T & UTILITIES

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

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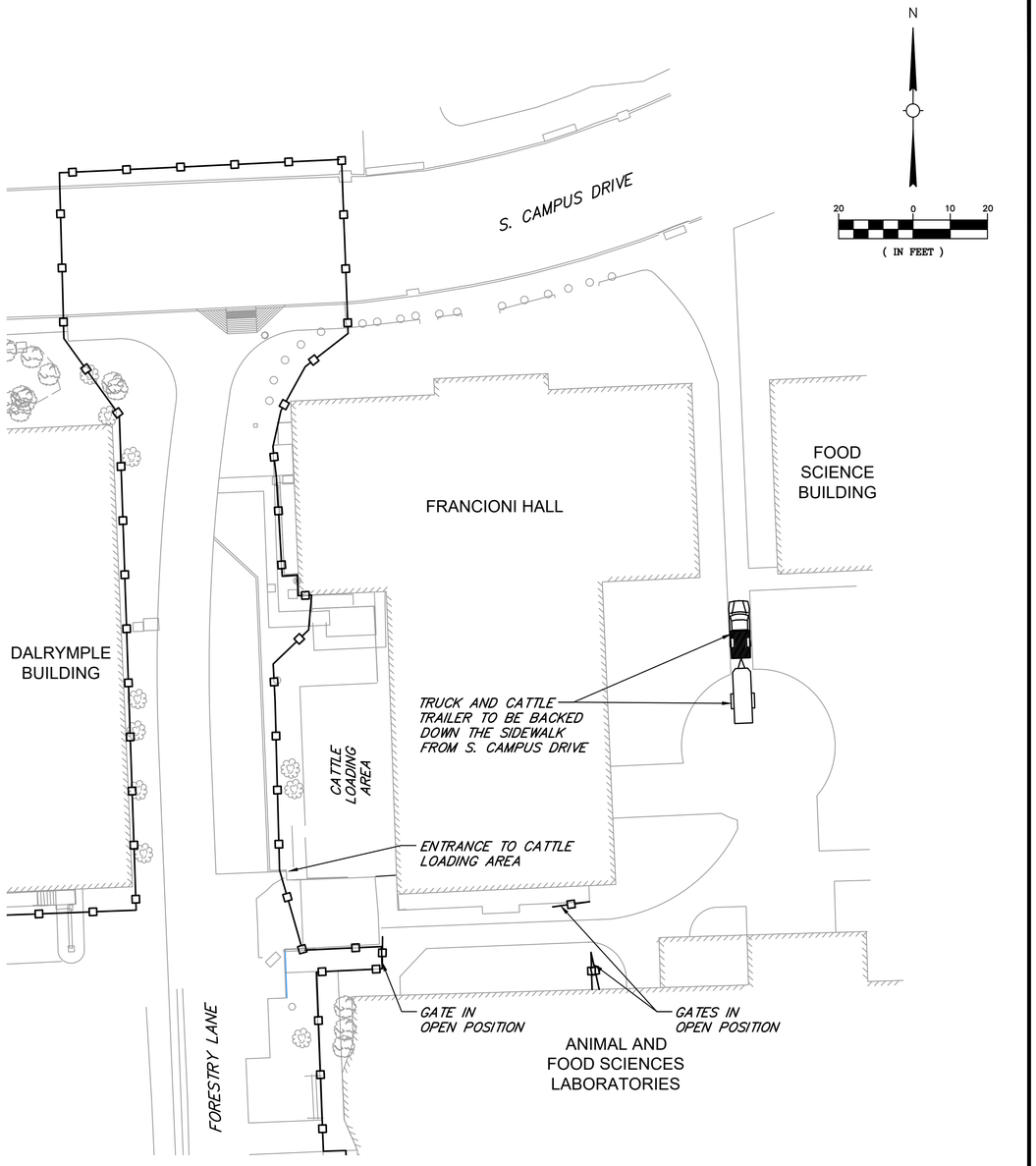
DATE: 06/27/2025

SHEET NO.
D09.00

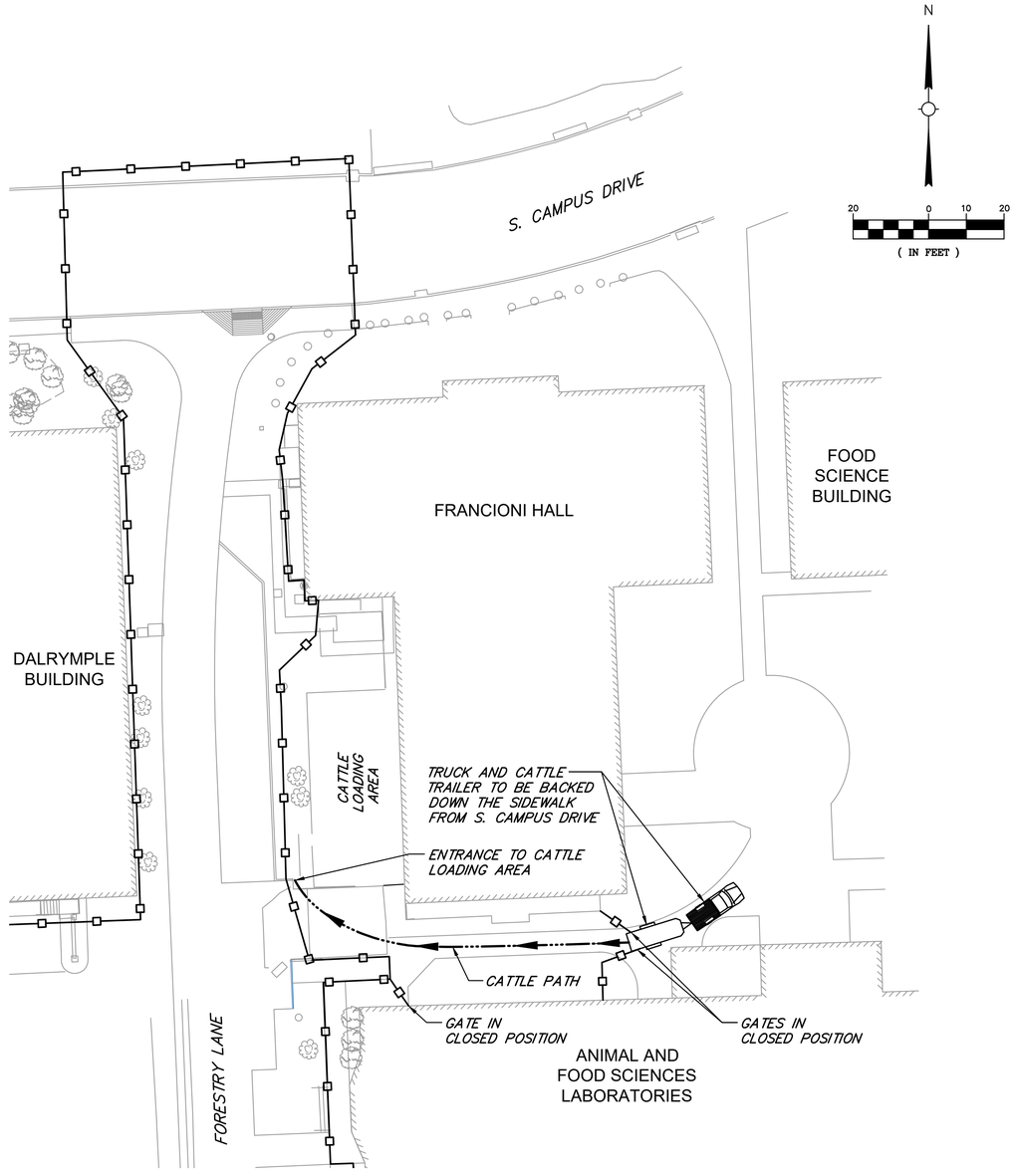
CONSTRUCTION DOCUMENTS



1 TEMPORARY CATTLE CHUTE – GATES IN OPEN POSITION

NOTES:

1. *CONTRACTOR IS TO PROVIDE ALL TEMPORARY CONSTRUCTION FENCING AND GATES WITH SCREENING AS SHOWN IN DETAIL 3 ON SHEET C08.03.*
2. *LSU TO COORDINATE WITH THE CONTRACTOR WHEN CATTLE DELIVERIES ARE TO BE MADE.*
3. *CONTRACTOR IS RESPONSIBLE FOR PLACING THE GATES IN THE OPEN OR CLOSED POSITION WHEN DELIVERIES ARE MADE. LSU WILL PROVIDE PERSONNEL FOR TRANSPORTING THE CATTLE FROM THE TRUCK TO THE CATTLE LOADING AREA.*
4. *GATES ARE TO REMAIN IN THE OPEN POSITION AT ALL TIMES, EXCEPT WHEN CATTLE ARE BEING DELIVERED.*



2 TEMPORARY CATTLE CHUTE – GATES IN CLOSED POSITION

NOTES:

1. *WHEN CATTLE ARE BEING DELIVERED, GATES ARE TO BE PLACED IN A CLOSED POSITION BY SECURING THE GATES (OR TEMPORARY MOVEABLE FENCE) TO THE OUTSIDE OF THE TRAILER (AS SHOWN ABOVE). THIS IS TO PREVENT UNAUTHORIZED ENTRY INTO THE CATTLE LOADING AREA BY THE GENERAL PUBLIC AND TO SECURELY MOVE THE CATTLE FROM THE TRAILER TO THE CATTLE LOADING AREA.*
2. *THE CATTLE ARE TO BE REMOVED FROM THE TRAILER AND WALKED ALONG THE SIDEWALK TO THE CATTLE LOADING AREA AT THE SOUTHWEST CORNER OF FRANCIONI HALL.*
3. *ONCE THE CATTLE IS SECURE IN THE CATTLE LOADING AREA, THE GATES ARE TO BE MOVED TO THE OPEN POSITION AS SHOWN IN DETAIL 1 ON THIS SHEET.*

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

DEMOLITION -TEMPORARY CATTLE CHUTE PLANS

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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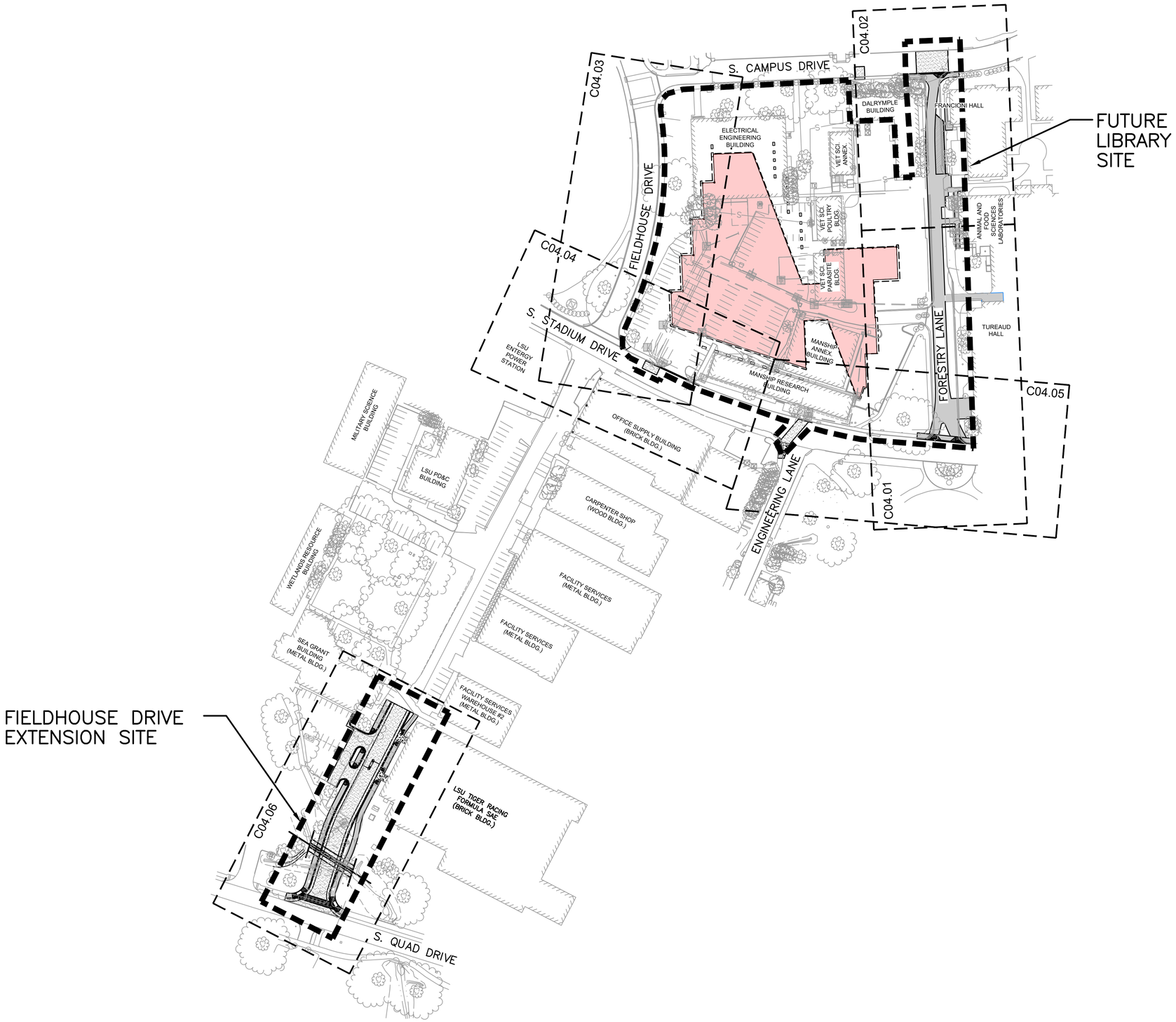
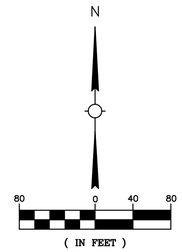
R:\2023\231326 – FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D810 CATTLE GATES

CONSTRUCTION DOCUMENTS

R:\2023\2313326 - FF&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-SP01 OVERALL CIVIL SITE PLAN





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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL SITE PLAN - OVERALLL SITE WITH KEY

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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CONSTRUCTION DOCUMENTS

R:\2023\2231326 - FF&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2231326C-SP01 OVERALL CIVIL SITE PLAN

GENERAL NOTES:

1. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OWNER TO MAINTAIN ACCESS (AS REQUIRED) TO THE FACILITIES DURING DEMOLITION AND CONSTRUCTION.
2. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PREVENT DAMAGE OR INJURY WHERE PAVEMENT IS BEING REMOVED OR ALTERED.
3. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT TO IDENTIFY UNDERGROUND UTILITIES. CONTRACTOR SHALL NOT COVER ANY MANHOLE COVERS FOR TELECOMMUNICATIONS, ELECTRICAL, SEWER, STEAM, OR OTHER UTILITIES.
4. ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF SIDEWALK, UNLESS NOTED OTHERWISE.
5. UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO PERFORMING ANY EXCAVATION OR TRENCHING. CONTRACTOR IS TO NOTIFY THE OWNER AND ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION OF PAVEMENT.
6. ALL 8" & 6" CONCRETE PAVING SHALL BE 4,000 psi (CLASS B OR CLASS D) CONCRETE WITH 15' x 15' MAXIMUM JOINT SPACING. IT IS THE INTENT THAT THE CONTRACTOR LAYOUT JOINTS AS SQUARE PANELS AS SHOWN ON THE PLANS OR JOINTS MATCH EXISTING JOINTS.
7. ALL PAVEMENT GRADES SHOWN ARE GUTTER ELEVATIONS OR TOP OF NEW PAVEMENT/SIDEWALK ELEVATIONS, UNLESS NOTED OTHERWISE. ADD 6" FOR TOP OF CURB OR SIDEWALK ADJACENT TO CURB. THE CONTRACTOR IS TO COORDINATE ELEVATIONS OF PAVEMENT FORMWORK WITH THE ENGINEER TO ENSURE PROPER DRAINAGE.
8. ALL INLET TOP ELEVATIONS LISTED ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR SETTING ALL TOP ELEVATIONS FLUSH WITH FINISHED GRADE.
9. ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE SMOOTH GRADED, SEEDED, AND FERTILIZED. FOUR (4) INCHES OF TOPSOIL, APPROVED BY THE OWNER, SHALL BE APPLIED PRIOR TO SEEDING AND FERTILZING. ALL AREAS ARE TO BE WATERED AND MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY THE OWNER.
10. IF SHOWN, CONTRACTOR IS TO BACKFILL LANDSCAPE ISLANDS TO THE TOP OF CURB AND GRADE TO DRAIN, UNLESS NOTED OTHERWISE.
11. EROSION CONTROL IS TO BE INSTALLED AROUND DRAINAGE STRUCTURES OR OPEN EXCAVATIONS UNTIL PAVEMENT OR PERMANENT GRASS HAS BEEN INSTALLED. (RE: C08.16)
12. SILT FENCE IS TO BE INSTALLED ALONG SIDEWALKS, CURBS, AROUND EXISTING TREES, OR WHERE SHOWN IN THE PLANS TO ELIMINATE SEDIMENT FROM RUNNING ONTO PAVEMENT AND INTO DRAINS UNTIL PAVEMENT OR PERMANENT GRASS HAS BEEN ESTABLISHED OR MULCHING HAS BEEN COMPLETED. (RE: C08.17)
13. EXISTING GRADES ARE TAKEN FROM THE TOPOGRAPHIC SURVEY PREPARED BY FORTE AND TABLADA, INC., DATED 08/12/2024 AND INCLUDED IN THIS SET.
14. THE CONTRACTOR IS TO MAINTAIN A 3' MINIMUM DEPTH OF THE NEW 6" SEWER SERVICE LINES FROM THE DALRYMPLE BUILDING TO THE SEWER MANHOLE IN FORESTRY LANE. THE MINIMUM SLOPE OF THE 6" SEWER SERVICE LINE IS 0.50% (AND A RECOMMENDED SLOPE OF 1.00%, WHERE AVAILABLE DEPTH PERMITS).
15. ALL SANITARY SEWER SERVICE PIPE INSTALLATIONS SHALL BEGIN AT THE EXISTING SEWER SERVICE CONNECTIONS AT THE DALRYMPLE BUILDING AND PROCEED DOWNSTREAM TO THE EXISTING SEWER MANHOLE IN FORESTRY LANE. PRIOR TO LAYING THE SEWER LINE, THE CONTRACTOR IS TO VERIFY THE EXISTING SERVICE LINE ELEVATIONS AT THE BUILDING AND THE ELEVATION AT THE MANHOLE TIE–IN POINT, TO ENSURE THE MINIMUM PIPE SLOPE CAN BE MAINTAINED.
16. SEE SANITARY SEWER SERVICE LINE AND CLEANOUT DETAILS ON SHEET C08.03.
17. THE SANITARY SEWER GRAVITY PIPE SHALL CONFORM TO ASTM D3034 SDR–35 OR SDR–26 PVC PIPE WITH RUBBER JOINT GASKETS.
18. THE SANITARY SEWER SYSTEM CONSTRUCTION SHALL COMPLY WITH THE "LOUISIANA ADMINISTRATIVE CODE–TITLE 51–PART XIII (REFERRED TO AS THE LOUISIANA STATE SANITARY CODE)" AND THE "RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES (REFERRED TO AS THE 10–STATES STANDARDS)".
19. CONTRACTOR IS TO INSTALL THREE (3) 4" SCHEDULE 40 PVC CONDUITS WITH TWO (2) 3/8"x3" BRASS STOVE BOLTS EMBEDDED IN THE EDGE OF THE NEW CONCRETE SIDEWALK AT EACH END FOR FUTURE LOCATION BY OWNER. THESE CONDUIT ARE TO BE USED FOR FUTURE IRRIGATION, ELECTRIC, AND TELECOMMUNICATIONS LINES.

LEGEND:

- CURB INLET
- DRAIN MANHOLE
- DRAIN INLET
- SEWER MANHOLE
- SEWER CLEANOUT
- POWER POLE W/ANCHOR
- POWER JUNCTION BOX
- POWER TRANSFORMER
- POWER MANHOLE
- LIGHT POLE
- POWER DROP
- ELECTRIC METER
- TELEPHONE PEDESTAL
- TELEPHONE MANHOLE
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- WATER FAUCET
- GAS METER
- GAS REGULATOR
- GAS RISER
- GAS VALVE
- PIPELINE MARKER
- PIPELINE VENT
- TV PEDESTAL
- TV MANHOLE
- TV MARKER
- TRAFFIC CONTROL BOX

- ROAD CENTERLINE
- EDGE OF ASPHALT
- EDGE OF CONCRETE
- EDGE OF GRAVEL
- BUILDING TO REMAIN
- STORM DRAIN CULVERT
- SANITARY SEWER LINE
- UNDERGROUND POWER LINE
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND TELECOMMUNICATIONS
- UNDERGROUND FIREWATER LINE
- UNDERGROUND CHILLED WATER LINE
- UNDERGROUND STEAM LINE
- UNDERGROUND WATER LINE
- UNDERGROUND COMPRESSED AIR LINE

- FUTURE LIBRARY BUILDING FOOTPRINT
- PROPOSED 6" CONCRETE SIDEWALK PAVEMENT (RE:7C08.01)
- PROPOSED 8" HEAVY–DUTY CONCRETE PAVEMENT (RE:8C08.01)
- PROPOSED ASPHALT PATCH (RE:9C08.01)
- PROPOSED REINFORCED & STABILIZED GRASS PARKING (RE:10C08.01)
- PROPOSED DRAINAGE PIPE OR RCB
- PROPOSED DRAINAGE BOX
- TEMPORARY SURFACE GRADING FOR DRAINAGE DURING CONSTRUCTION
- PROPOSED SEWER PIPE
- PROPOSED SEWER CLEANOUT (RE:1C08.03 & 2C08.03)
- SILT FENCE (RE:C08.16 & C08.17)
- TEMPORARY FENCING (RE:3C08.03)
- PROPOSED EXPANSION JOINT (RE:6C08.01)
- PROPOSED CONTROL JOINT (RE:3C08.01)
- PROPOSED CHILLED WATER LINE (SEE MECHANICAL PLANS)
- PROPOSED STEAM LINE (SEE MECHANICAL PLANS)
- PROPOSED WATER LINE (SEE MECHANICAL PLANS)
- PROPOSED GAS LINE (SEE MECHANICAL PLANS)
- PROPOSED POWER LINE (SEE MECHANICAL PLANS)
- PROPOSED 4" SCHEDULE 40 PVC CONDUIT

LSU

FORTE & TABLADA

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9107 INTERLINE AVENUE
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL SITE - NOTES & LEGEND SHEET

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEER
06/27/2025

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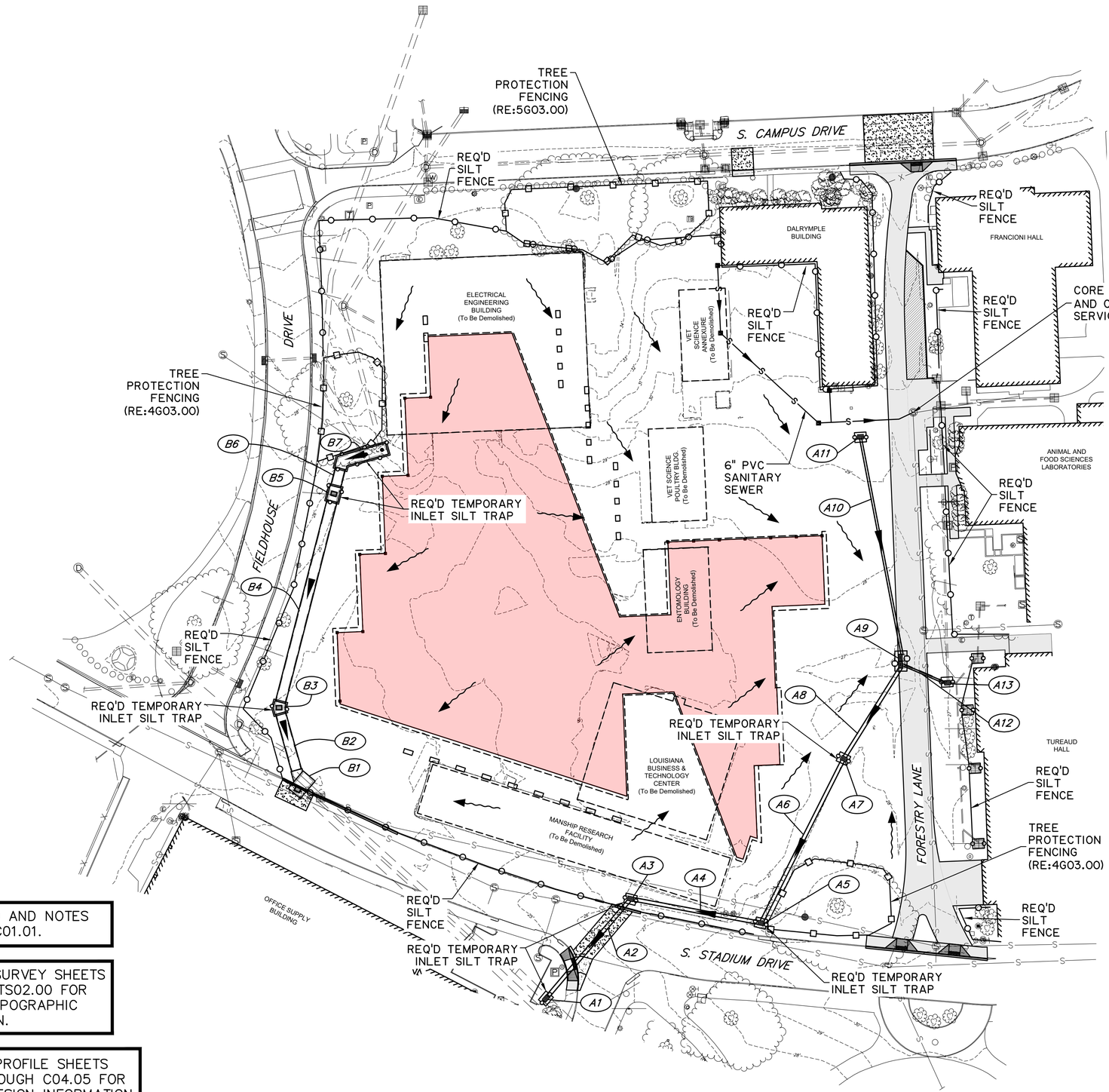
CONSTRUCTION DOCUMENTS



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(IN FEET)

SEE LEGEND AND NOTES ON SHEET C01.01.

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

SEE PLAN/PROFILE SHEETS C04.01 THROUGH C04.05 FOR DETAILED DESIGN INFORMATION

PROPOSED DRAINAGE STRUCTURES TABLE

A1	REQ'D CB-02 TOP= (SET IN FIELD) INV.=±16.55	B1	REQ'D JUNCTION BOX TOP= (SET IN FIELD) MATCH EXISTING INV.=±16.83
A2	REQ'D 30"x92' SDP @ 1.09% INV. UP=18.00 INV DN=±17.00	B2	REQ'D 6'x3'x40' RCB @ 1.45% INV. UP=17.68 INV DN=±17.10
A3	REQ'D CB-02 TOP= (SET IN FIELD) INV.=18.00	B3	REQ'D JUNCTION BOX TOP= (SET IN FIELD) INV.=17.68
A4	REQ'D 30"x90' SDP @ 1.44% INV. UP=19.30 INV DN=18.00	B4	REQ'D 6'x3'x145' RCB @ 1.17% INV. UP=19.38 INV DN=17.68
A5	REQ'D CB-02 TOP= (SET IN FIELD) INV.=19.30	B5	REQ'D JUNCTION BOX TOP= (SET IN FIELD) INV.=19.38
A6	REQ'D 30"x125' SDP @ 1.20% INV. UP=20.80 INV DN=19.30	B6	REQ'D 6'x3'x13' RCB @ 1.00% UP=19.51 INV DN=19.38
A7	REQ'D CB-01 TOP= (SET IN FIELD) INV.=20.80	B7	REQ'D JUNCTION BOX TOP= (SET IN FIELD) INV.=19.80
A8	REQ'D 30"x75' SDP @ 1.20% INV. UP=21.70 INV DN=20.80		
A9	REQ'D CB-08 (WITH SOLID CONCRETE TOP AND TYPE "K" MH COVER AND FRAME) TOP= (SET IN FIELD) INV.=21.70		
A10	REQ'D 18"x154' SDP @ 1.00% INV. UP=23.24 INV DN=21.70		
A11	REQ'D CB-01 TOP= (SET IN FIELD) INV.=23.24		
A12	REQ'D 15"x34' SDP @ 1.00% INV. UP=24.42 INV DN=24.08		
A13	REQ'D CB-01 (CONVERT TOP) TOP= (SET IN FIELD) INV.=24.42		

1 CIVIL SITE DRAINAGE, GRADING, SEWER, & EROSION CONTROL PLAN – FUTURE LIBRARY SITE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL SITE PLAN - FUTURE LIBRARY SITE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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CONSTRUCTION DOCUMENTS

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CRITICAL!!
THE CONTRACTOR IS TO MATCH THE PROPOSED GUTTER ELEVATIONS WITH EXISTING ASPHALT TO PREVENT PONDING AND TO PROVIDE POSITIVE DRAINAGE AT SIDEWALK RAMPS.

S. STADIUM DRIVE

Match Exist. Grade ±29.99

TOC ±29.99

PROPOSED CONCRETE SIDEWALK CONNECTION (RE: 5C08.01)

2–REMOVABLE BOLLARDS & SLEEVES SPACED 6' APART AND ALIGNED WITH CONTROL JOINT IN CONCRETE SIDEWALK (RE: 5C08.03)

2–EXTRA REMOVABLE BOLLARD SLEEVES IN CONCRETE SIDEWALK (RE: 5C08.03)

CONTRACTOR TO INSTALL 3–4" PVC CONDUIT W/ 2 3/8"x3" BRASS STOVE BOLTS EMBEDDED IN CONCRETE SIDEWALK FOR FUTURE LOCATION BY OWNER

PROPOSED CURB RAMP (TYPE C) (RE: 4C08.02)

PROPOSED CONC. CURB & GUTTER (BARRIER TYPE) (RE: 2C08.01)

PROPOSED CURB RAMP (TYPE C) (RE: 4C08.02)

FORESTRY LANE

10+00

11+00

MATCHLINE STA. 11+80.00 – SHEET C02.03

PROPOSED CONCRETE SIDEWALK CONNECTION (RE: 5C08.01)

Match Exist. Grade ±29.44

TUREAUD HALL
F.F. Elev. 29.44

CONTRACTOR TO INSTALL 3–4" PVC CONDUIT W/ 2 3/8"x3" BRASS STOVE BOLTS EMBEDDED IN CONCRETE SIDEWALK FOR FUTURE LOCATION BY OWNER

3–REMOVABLE BOLLARDS & SLEEVES SPACED 6' APART AND ALIGNED WITH CONTROL JOINT IN CONCRETE SIDEWALK (RE: 5C08.03)

3–EXTRA REMOVABLE BOLLARD SLEEVES IN CONCRETE SIDEWALK (RE: 5C08.03)

Match Exist. Gutter Elev. ±30.24

PROPOSED CONCRETE SIDEWALK CONNECTION (RE: 5C08.01)

CRITICAL!!
THE CONTRACTOR IS TO MATCH THE PROPOSED GUTTER ELEVATIONS WITH EXISTING ASPHALT TO PREVENT PONDING AND TO PROVIDE POSITIVE DRAINAGE AT SIDEWALK RAMPS.

SEE LEGEND AND NOTES ON SHEET C01.01

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

1 PAVING & GRADING PLAN – FORESTRY LANE

N

10 0 5 10

(IN FEET)

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PAVING & GRADING PLAN - FORESTRY LANE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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CONSTRUCTION DOCUMENTS

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MATCHLINE STA. 11+80.00 – SHEET C02.02

MATCHLINE STA. 14+40.00 – SHEET C02.04

FORESTRY LANE

DALRYMPLE BUILDING

CONTRACTOR TO INSTALL 3–4" PVC CONDUIT W/ 2 3/8"x3" BRASS STOVE BOLTS EMBEDDED IN CONCRETE SIDEWALK FOR FUTURE LOCATION BY OWNER

CONTRACTOR TO INSTALL 3–4" PVC CONDUIT W/ 2 3/8"x3" BRASS STOVE BOLTS EMBEDDED IN CONCRETE SIDEWALK FOR FUTURE LOCATION BY OWNER

CONTRACTOR TO INSTALL 3–4" PVC CONDUIT W/ 2 3/8"x3" BRASS STOVE BOLTS EMBEDDED IN CONCRETE SIDEWALK FOR FUTURE LOCATION BY OWNER

TUREAUD HALL
F.F. Elev. 29.44

Match Exist. Grade ±29.30

PROPOSED CONCRETE SIDEWALK CONNECTION (RE: 5C08.01)

CONTRACTOR TO COORDINATE JOINT LAYOUT WITH ENGINEER TO MATCH EXISTING.

PROPOSED CONCRETE SIDEWALK CONNECTION (RE: 5C08.01)

ANIMAL AND FOOD SCIENCES LABORATORIES
F.F. Elev. 30.68

FRANCIONI HALL
F.F. Elev. 34.16

REINFORCED & STABILIZED GRASS PARKING PAVEMENT WITH CURB (RE: 10C08.01)

Match Exist. Grade

Match Exist. Concrete ±30.09

SEE LEGEND AND NOTES ON SHEET C01.01

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

2 PAVING & GRADING PLAN – FORESTRY LANE

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-PG01 FORESTRY

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PAVING & GRADING PLAN - FORESTRY LANE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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DATE: 06/27/2025

SHEET NO. **C02.03**

CONSTRUCTION DOCUMENTS

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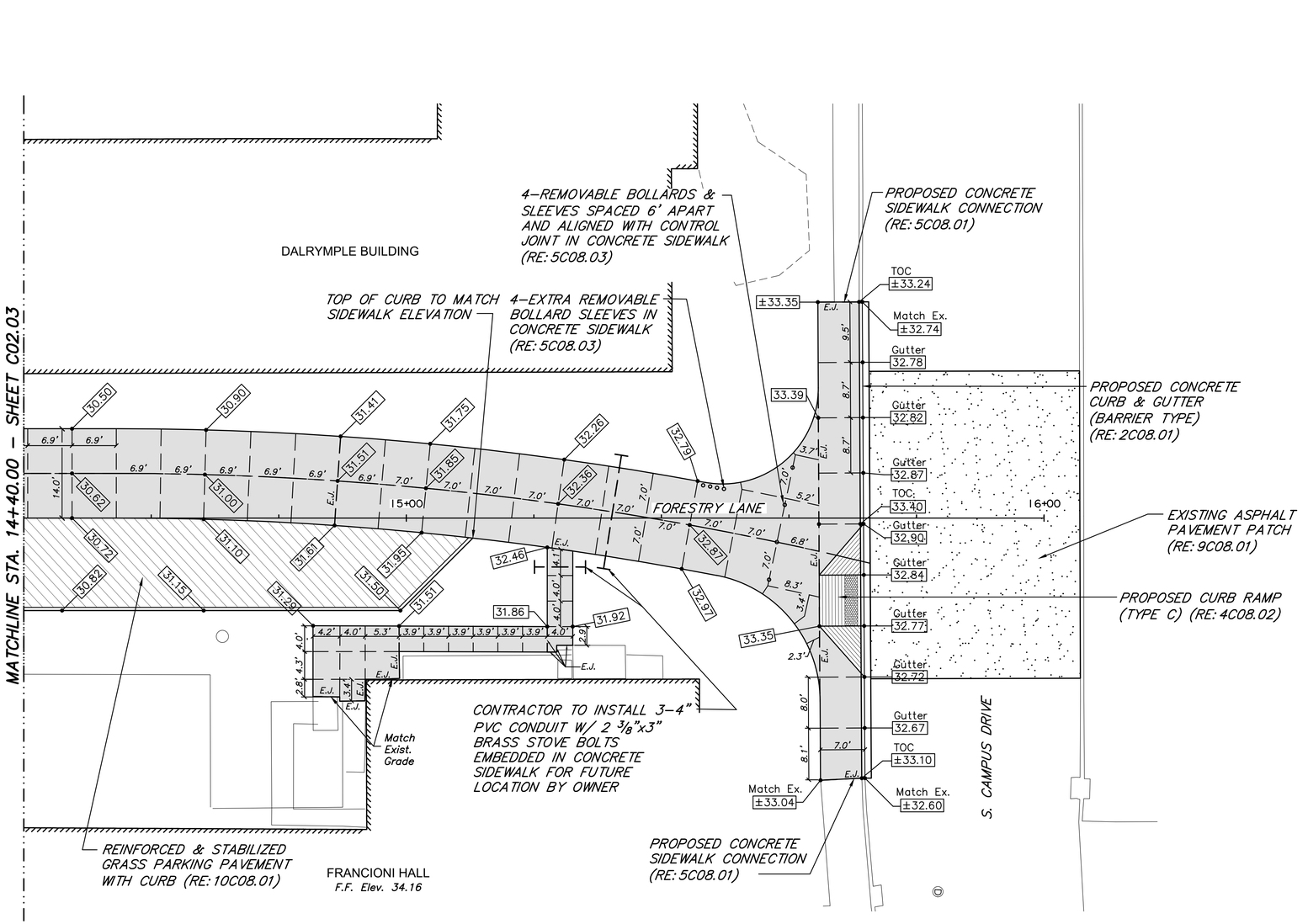

SEE LEGEND AND NOTES ON SHEET C01.01

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

3 PAVING & GRADING PLAN – FORESTRY LANE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
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9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL PAVING & GRADING PLAN - FORESTRY LANE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEER
06/27/2025

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CONSTRUCTION DOCUMENTS

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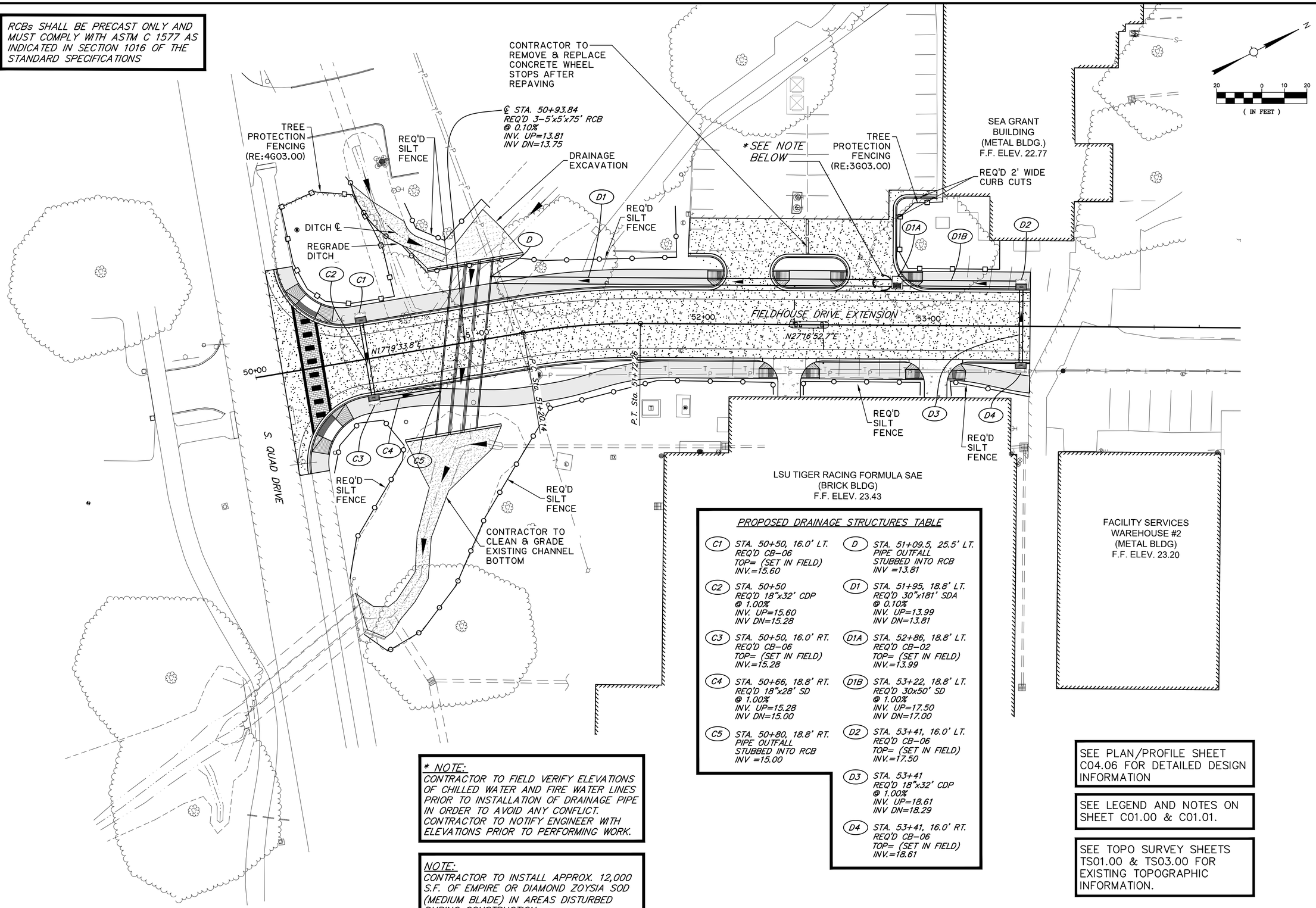
RCBs SHALL BE PRECAST ONLY AND MUST COMPLY WITH ASTM C 1577 AS INDICATED IN SECTION 1016 OF THE STANDARD SPECIFICATIONS



* NOTE:
CONTRACTOR TO FIELD VERIFY ELEVATIONS OF CHILLED WATER AND FIRE WATER LINES PRIOR TO INSTALLATION OF DRAINAGE PIPE IN ORDER TO AVOID ANY CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ELEVATIONS PRIOR TO PERFORMING WORK.

NOTE:
CONTRACTOR TO INSTALL APPROX. 12,000 S.F. OF EMPIRE OR DIAMOND ZOYSIA SOD (MEDIUM BLADE) IN AREAS DISTURBED DURING CONSTRUCTION.

PROPOSED DRAINAGE STRUCTURES TABLE

- C1 — STA. 50+50, 16.0' LT. REQ'D CB–06 TOP= (SET IN FIELD) INV.=15.60
- C2 — STA. 50+50 REQ'D 18"x32' CDP @ 1.00% INV. UP=15.60 INV DN=15.28
- C3 — STA. 50+50, 16.0' RT. REQ'D CB–06 TOP= (SET IN FIELD) INV.=15.28
- C4 — STA. 50+66, 18.8' RT. REQ'D 18"x28' SD @ 1.00% INV. UP=15.28 INV DN=15.00
- C5 — STA. 50+80, 18.8' RT. PIPE OUTFALL STUBBED INTO RCB INV =15.00
- D — STA. 51+09.5, 25.5' LT. PIPE OUTFALL STUBBED INTO RCB INV =13.81
- D1 — STA. 51+95, 18.8' LT. REQ'D 30"x181' SDA @ 0.10% INV. UP=13.99 INV DN=13.81
- D1A — STA. 52+86, 18.8' LT. REQ'D CB–02 TOP= (SET IN FIELD) INV.=13.99
- D1B — STA. 53+22, 18.8' LT. REQ'D 30x50' SD @ 1.00% INV. UP=17.50 INV DN=17.00
- D2 — STA. 53+41, 16.0' LT. REQ'D CB–06 TOP= (SET IN FIELD) INV.=17.50
- D3 — STA. 53+41 REQ'D 18"x32' CDP @ 1.00% INV. UP=18.61 INV DN=18.29
- D4 — STA. 53+41, 16.0' RT. REQ'D CB–06 TOP= (SET IN FIELD) INV.=18.61

SEE PLAN/PROFILE SHEET C04.06 FOR DETAILED DESIGN INFORMATION

SEE LEGEND AND NOTES ON SHEET C01.00 & C01.01.

SEE TOPO SURVEY SHEETS TS01.00 & TS03.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

1 CIVIL SITE DRAINAGE, GRADING & EROSION CONTROL PLAN – FIELDHOUSE DRIVE EXTENSION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL SITE PLAN - FIELDHOUSE DRIVE EXTENSION

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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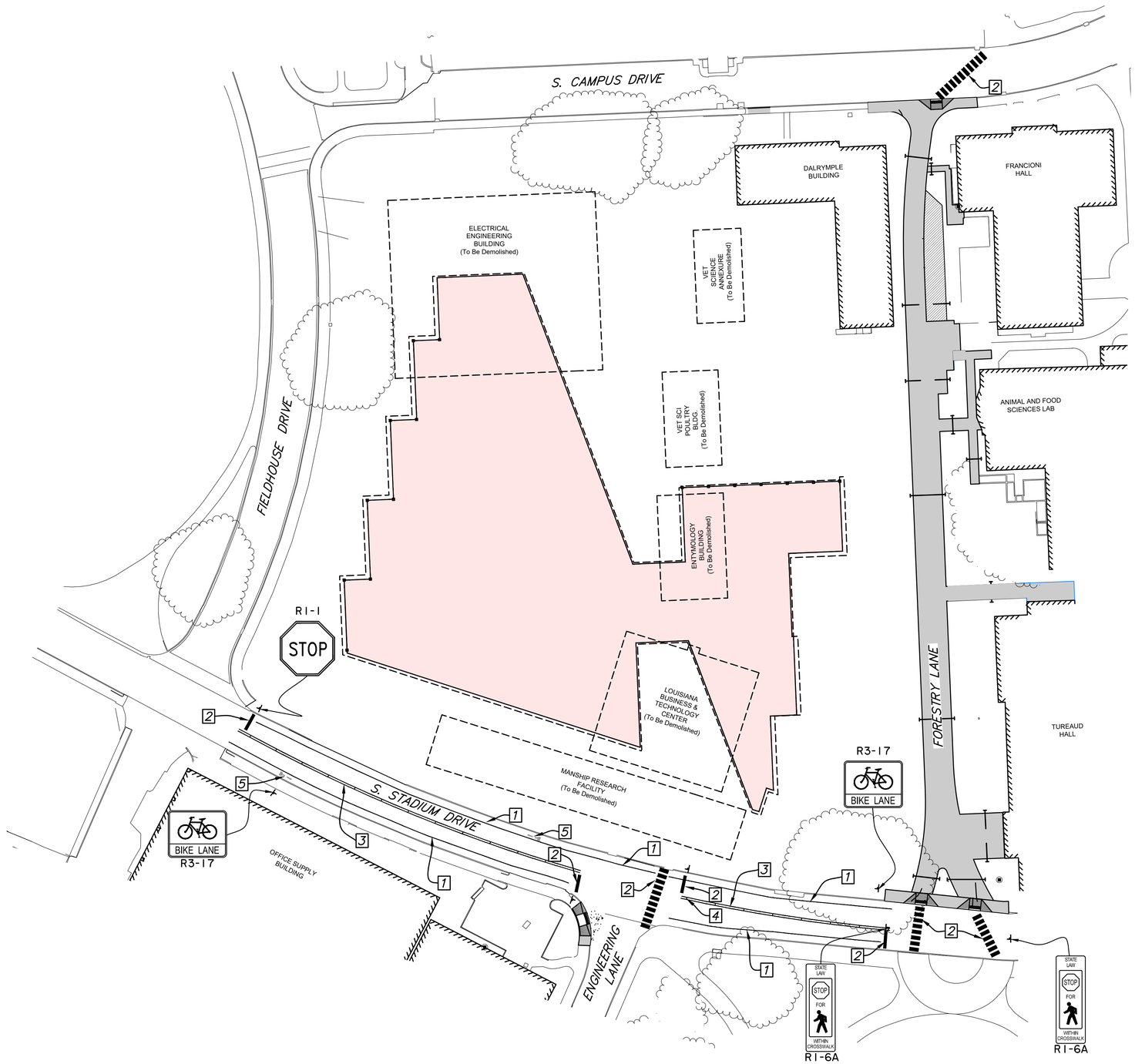
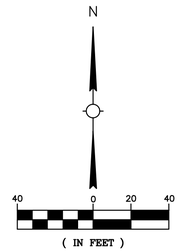
CONSTRUCTION DOCUMENTS





1. *PERMANENT WHITE PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) (RE: C08.26)*
2. *PERMANENT WHITE PLASTIC PAVEMENT STRIPING (SOLID LINE) (24" WIDTH) (RE: C08.26)*
3. *PERMANENT YELLOW PLASTIC PAVEMENT STRIPING (DOUBLE SOLID LINE) (4" WIDTH) (RE: C08.26)*
4. *PERMANENT REFLECTORIZED TRAFFIC MARKERS (C08.26)*
5. *PERMANENT WHITE HELMETED BICYCLIST PAVEMENT SYMBOL (SEE MUTCD FIGURE 9C–3)*

NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING AN EXCAVATION PERMIT FROM THE LSU OFFICE OF FACILITY SERVICES AND PROBING LOCATIONS PRIOR TO EXCAVATION FOR POSTS.
2. CONTRACTOR TO COORDINATE EXACT SIGN LOCATIONS WITH PROJECT ENGINEER PRIOR TO INSTALLATION.
3. ALL REGULATORY SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE LSU CAMPUS WAYFINDING SIGNAGE GUIDELINES (https://lsu.edu/pdc/files/lsu_wayfinding_guidelines.pdf). CONFLICTS SHOULD BE REPORTED TO THE PROJECT ENGINEER.
4. FOR DETAILS OF PAVEMENT MARKINGS AND RAISED REFLECTORIZED TRAFFIC MARKERS, SEE LADOTD STANDARD PLAN PM–01. *(RE: C08.26)*
5. *REMOVAL OF EXISTING SIGNS SHALL BE COORDINATED WITH THE NEW SIGNAGE CONSTRUCTION IN ORDER TO PROVIDE ADEQUATE SIGNING AT ALL TIMES.*
6. *EXISTING PAVEMENT MARKINGS ARE TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.*
7. *DIRECT BURY POST IN POURED CONCRETE FOOTING WITH 2" MOW PAD. NO BREAK AWAY BASES ARE REQUIRED.*
8. *ALL POSTS SHALL BE SQUARE, BLACK ALUMINUM – WIDTH AND LENGTH AS SPECIFIED ON PLANS.*
9. *CAP SHALL BE BLACK, PLASTIC FLUSH WITH SIGN FACE.*
10. *MOUNT SIGNS TO POST WITH TAMPER PROOF SCREWS, PROVIDED BY SIGN MANUFACTURER.*
11. *R1–6a SIGNS SHALL BE ON A SURFACE MOUNTED, FIXED SPRING BASE.*

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL STRIPING & SIGNAGE PLAN - FUTURE LIBRARY SITE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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C03.01

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CONSTRUCTION DOCUMENTS

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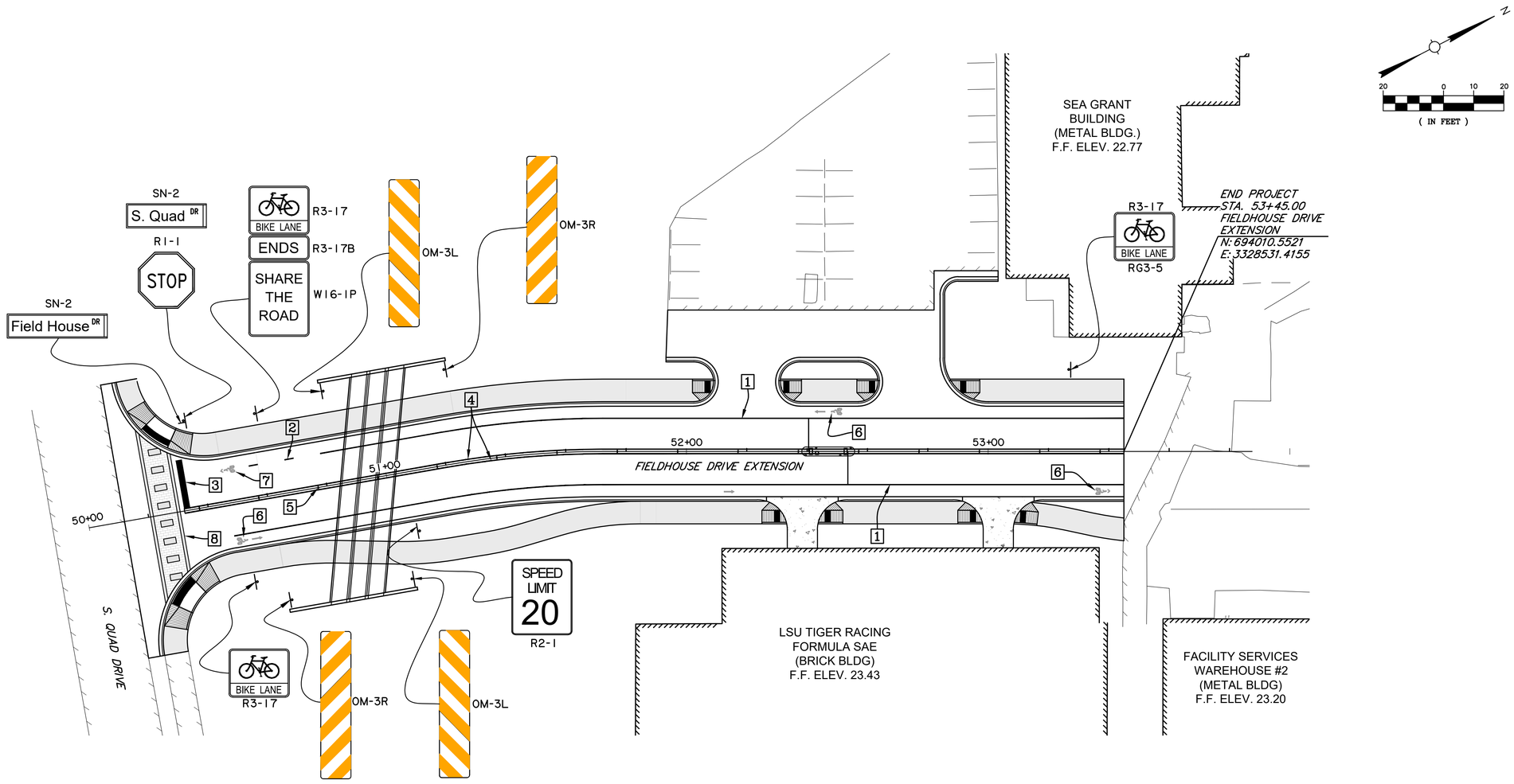

NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING AN EXCAVATION PERMIT FROM THE LSU OFFICE OF FACILITY SERVICES AND PROBING LOCATIONS PRIOR TO EXCAVATION FOR POSTS.
2. CONTRACTOR TO COORDINATE EXACT SIGN LOCATIONS WITH PROJECT ENGINEER PRIOR TO INSTALLATION.
3. ALL REGULATORY SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE LSU CAMPUS WAYFINDING SIGNAGE GUIDELINES (https://lsu.edu/pdc/files/lsu_wayfinding_guidelines.pdf). CONFLICTS SHOULD BE REPORTED TO THE PROJECT ENGINEER.
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8. ALL POSTS SHALL BE SQUARE, BLACK ALUMINUM – WIDTH AND LENGTH AS SPECIFIED ON PLANS.
9. CAP SHALL BE BLACK, PLASTIC FLUSH WITH SIGN FACE.
10. MOUNT SIGNS TO POST WITH TAMPER PROOF SCREWS, PROVIDED BY SIGN MANUFACTURER.

[1] PERMANENT WHITE PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)

[2] PERMANENT WHITE PLASTIC PAVEMENT STRIPING (DOTTED LINE) (4" WIDTH)

[3] PERMANENT WHITE PLASTIC PAVEMENT STRIPING (SOLID LINE) (24" WIDTH)

[4] PERMANENT YELLOW PLASTIC PAVEMENT STRIPING (DOUBLE SOLID LINE) (4" WIDTH)

[5] PERMANENT REFLECTORIZED TRAFFIC MARKERS (SEE NOTE 4)

[6] PERMANENT WHITE HELMETED BICYCLIST PAVEMENT SYMBOL (SEE MUTCD FIGURE 9C–3)

[7] PERMANENT WHITE SHARED LANE PAVEMENT SYMBOL (SEE MUTCD FIGURE 9C–9)

[8] PERMANENT WHITE PLASTIC PAVEMENT STRIPING (SOLID LINE) (12" WIDTH) (RE:1C08.02)

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
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COVINGTON, LA 70433

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL STRIPING & SIGNAGE PLAN - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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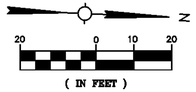
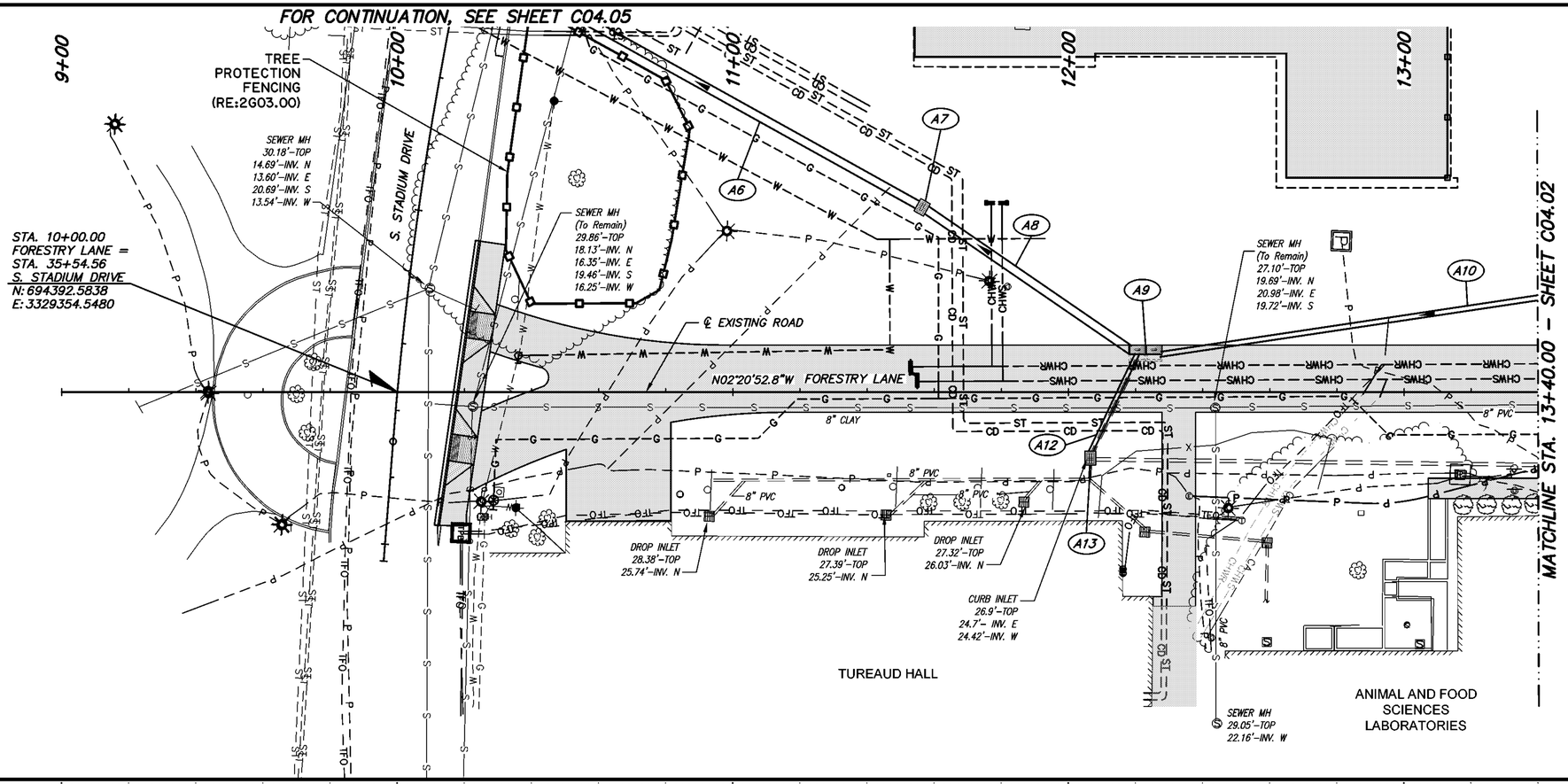
CONSTRUCTION DOCUMENTS





SEE PROPOSED DRAINAGE TABLE ON SHEET C02.01

SEE PAVING & GRADING SHEETS C02.02–C02.04

SEE LEGEND AND NOTES ON SHEET C01.01.

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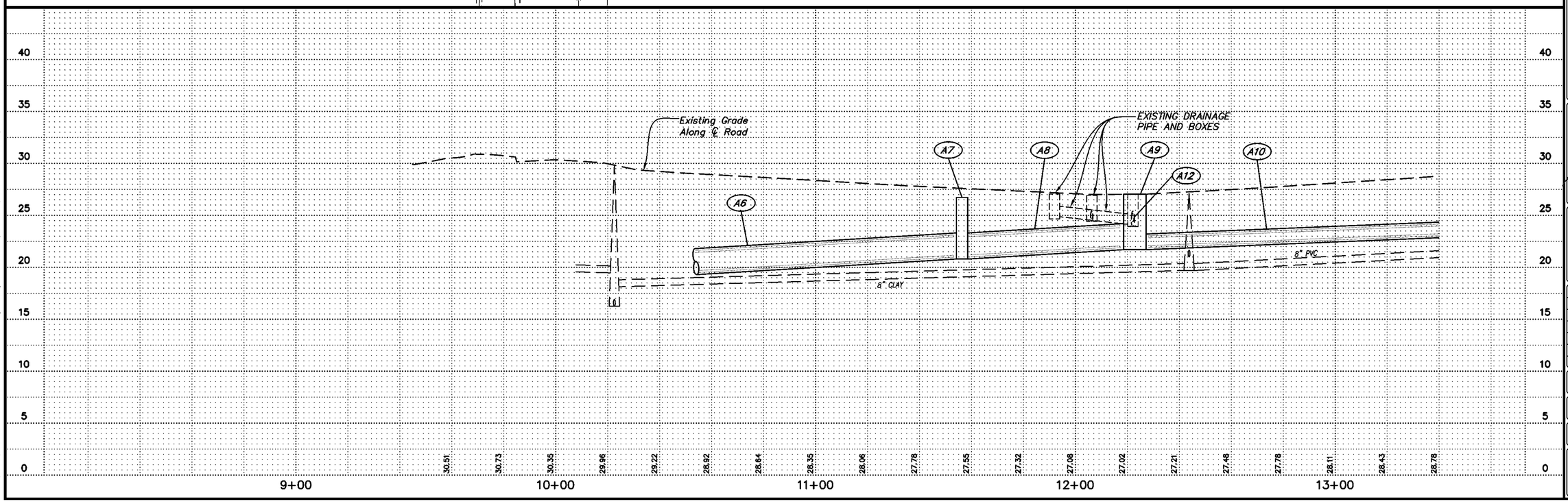
REFER TO MEP SHEETS FOR DESIGN INFORMATION FOR STEAM, CHILLED WATER, GAS, & POWER.



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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PLAN / PROFILE - FORESTRY LANE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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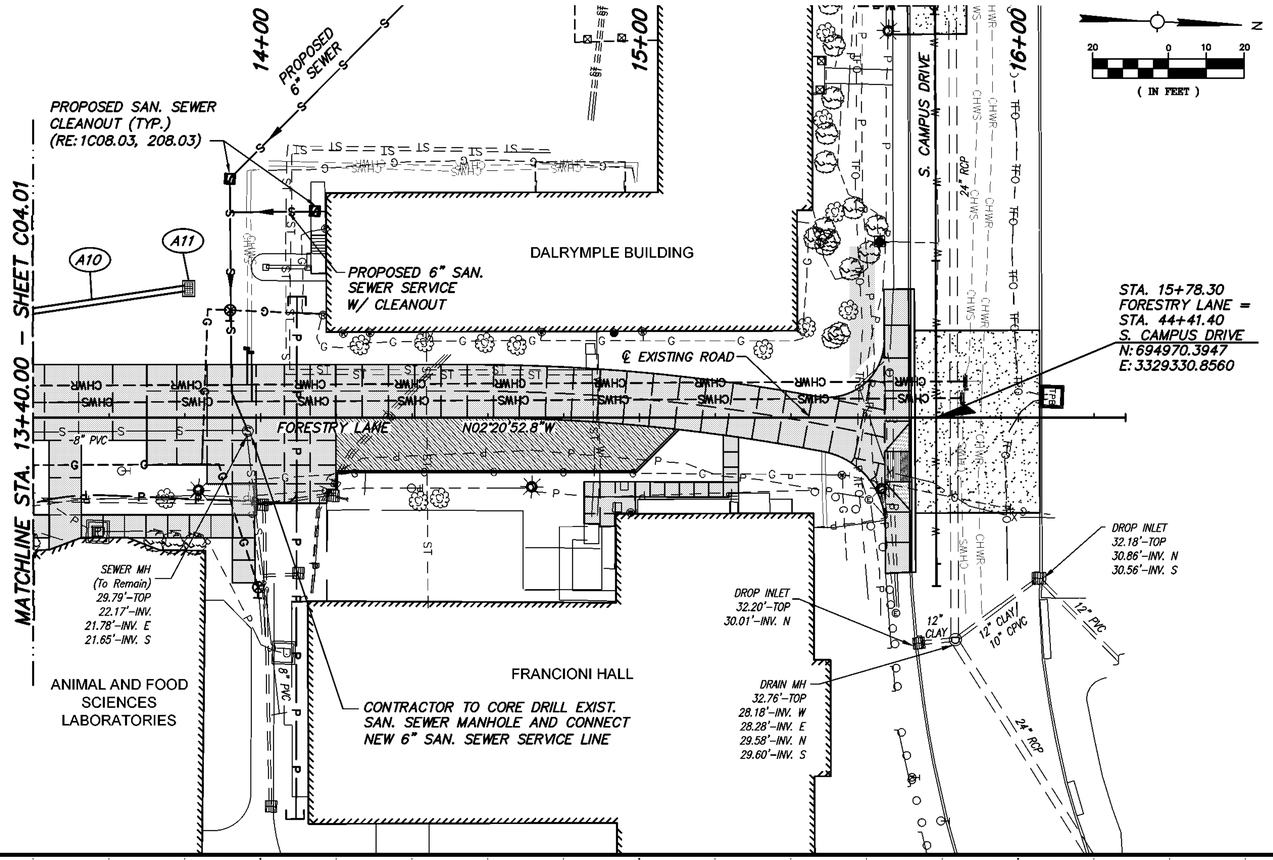

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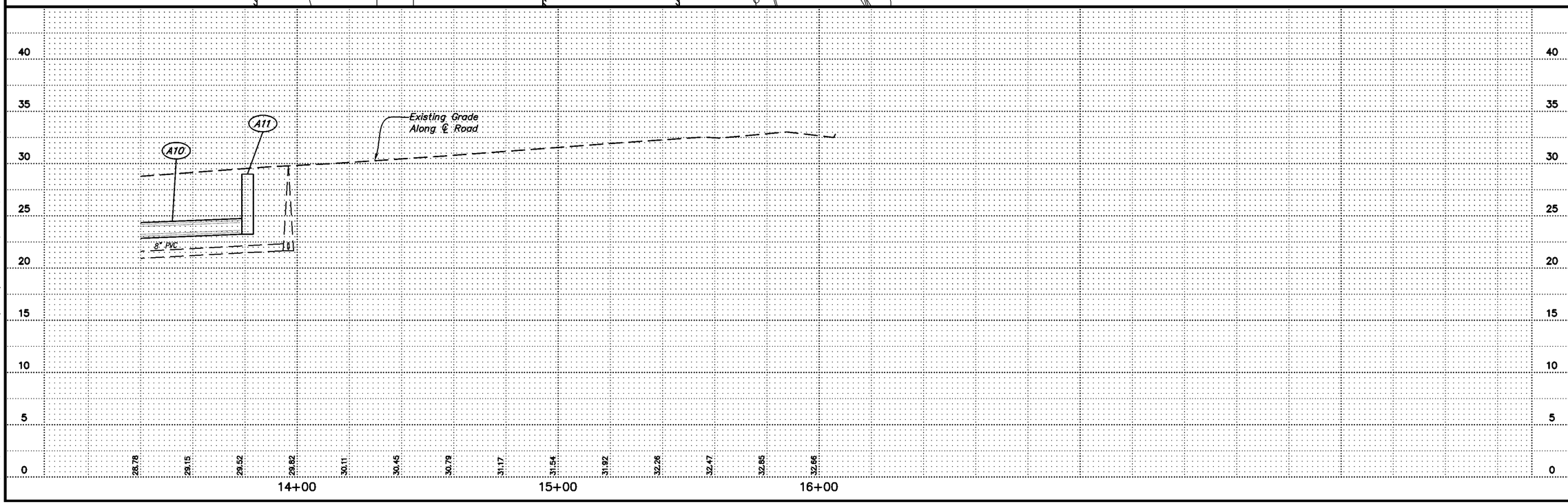

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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PLAN / PROFILE - FORESTRY LANE

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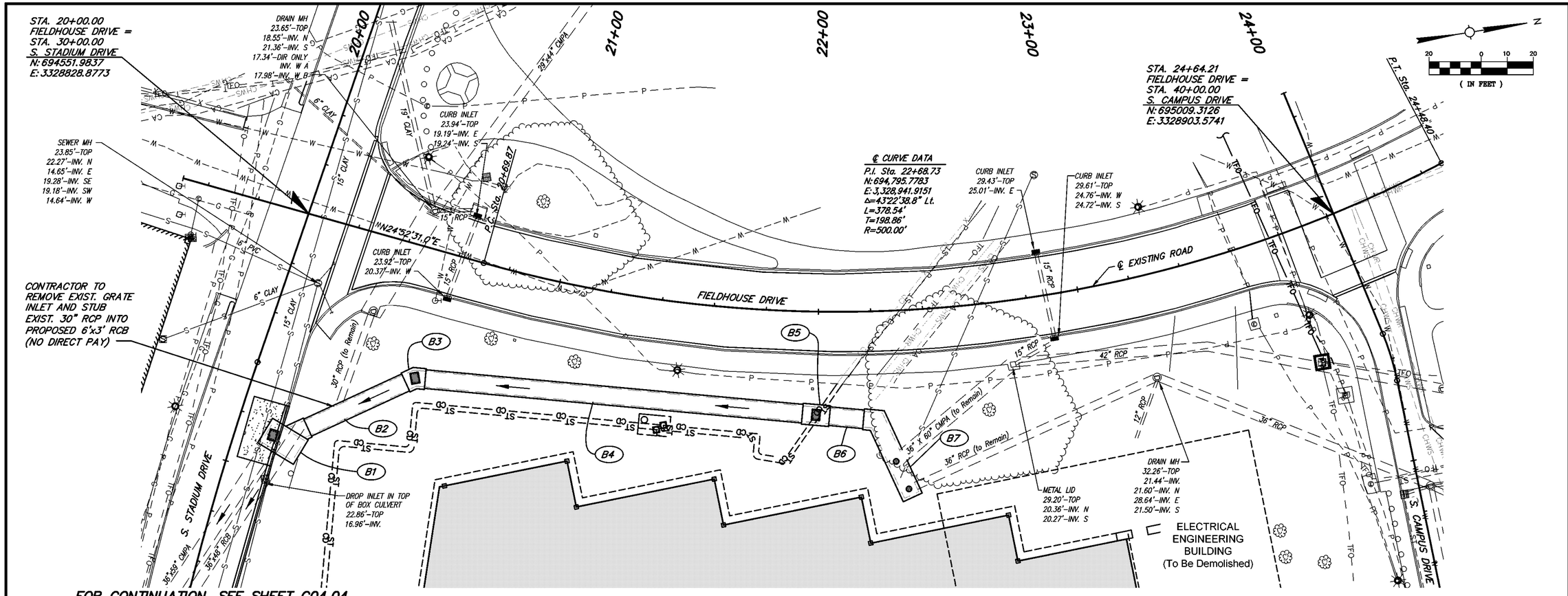
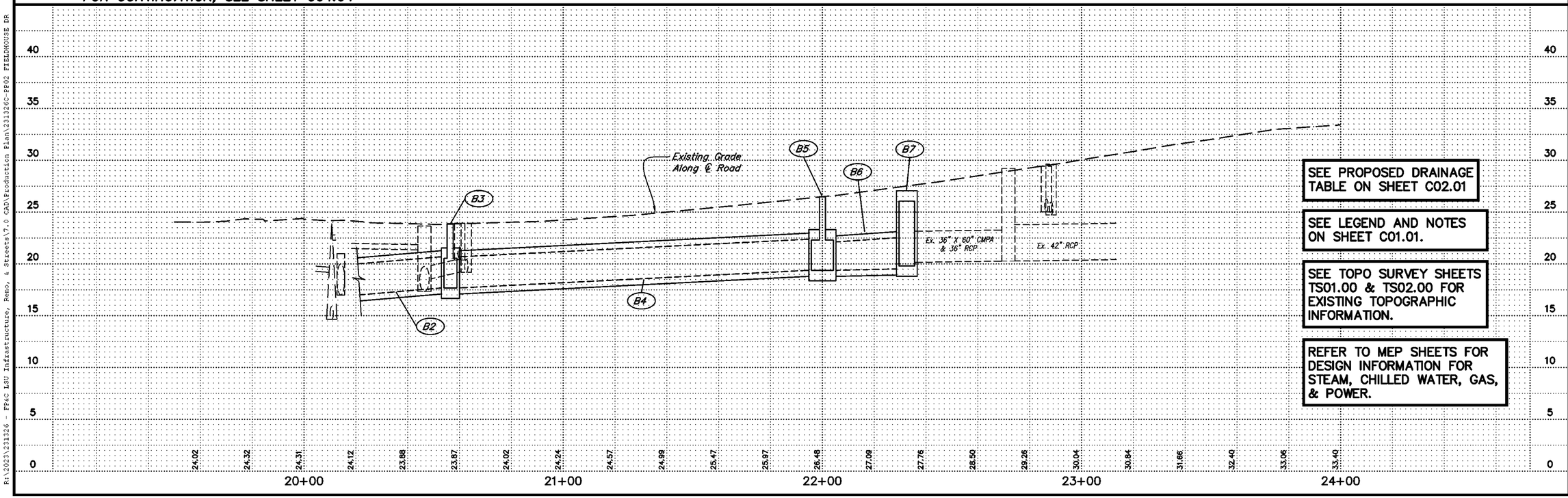
CONSTRUCTION DOCUMENTS





CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PLAN / PROFILE - FIELDHOUSE DRIVE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
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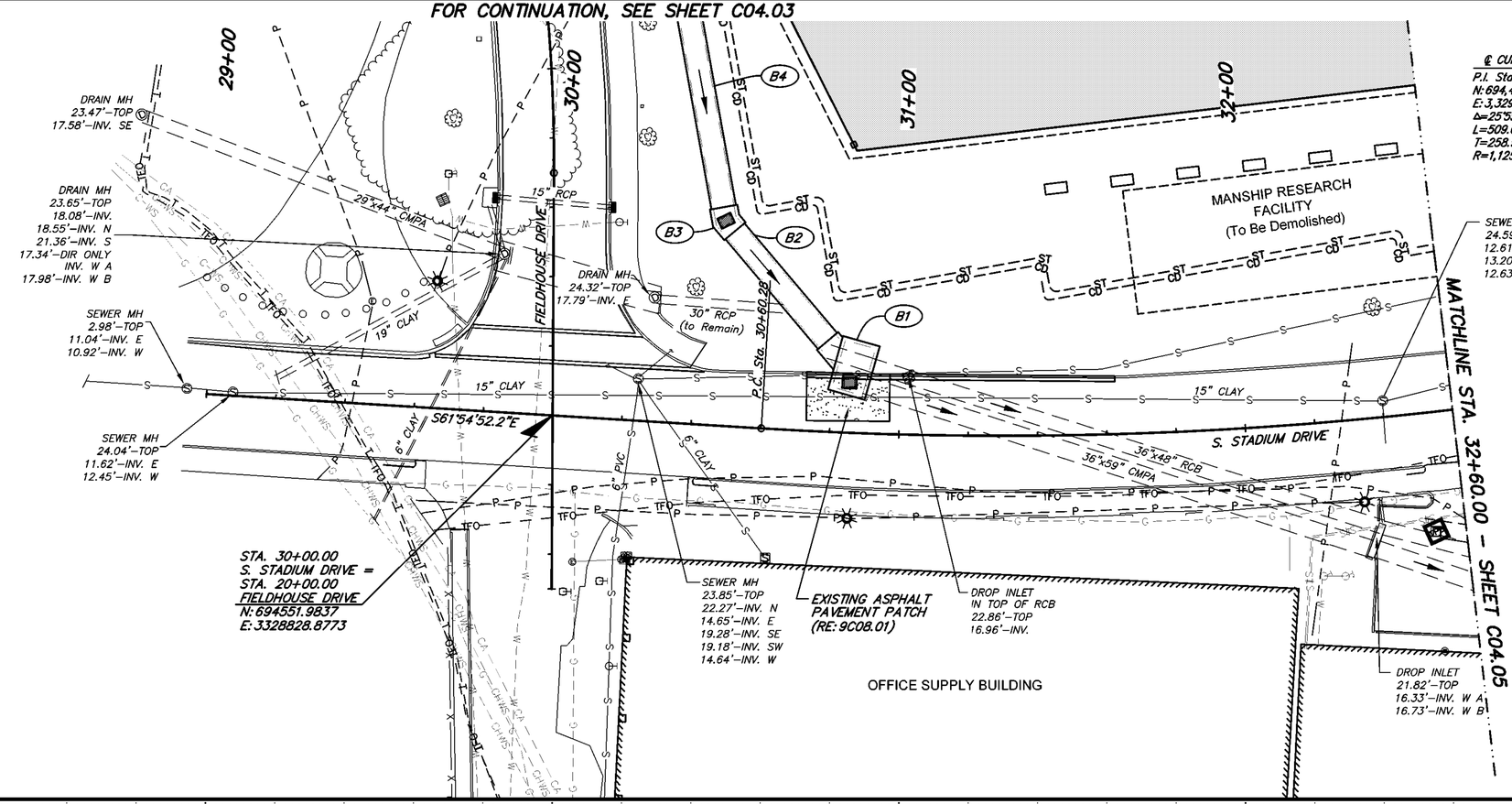
CONSTRUCTION DOCUMENTS

FOR CONTINUATION, SEE SHEET C04.03

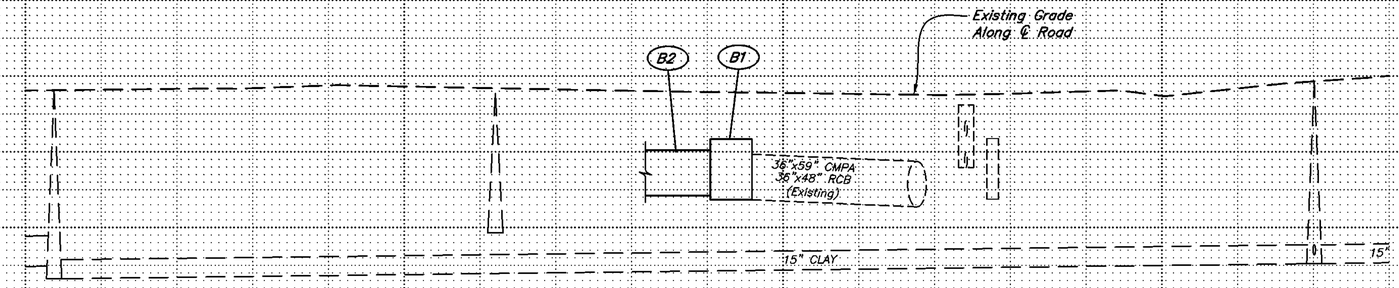


SEE PROPOSED DRAINAGE TABLE ON SHEET C02.01

SEE LEGEND AND NOTES ON SHEET C01.01.

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO MEP SHEETS FOR DESIGN INFORMATION FOR STEAM, CHILLED WATER, GAS, & POWER.



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BATON ROUGE, LA 70809

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ENVIRONMENTAL - ASBESTOS:
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7353 HIGHLAND ROAD.
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BATON ROUGE, LA 70808

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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PLAN / PROFILE - S. STADIUM DRIVE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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1"

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FOR CONTINUATION, SEE SHEET C04.01

LOUISIANA BUSINESS & TECHNOLOGY CENTER (To Be Demolished)

MANSHIP RESEARCH FACILITY (To Be Demolished)

33+00 | 34+00 | 35+00 | 36+00

FORESTRY LANE

8" CLAY

TREE PROTECTION FENCING (RE:2G03.00)

SEWER MH
29.86'–TOP
18.13'–INV. N
16.35'–INV. E
19.46'–INV. S
16.25'–INV. W

35+69.31

SEWER MH
25.43'–TOP
12.85'–INV. E
13.43'–INV. S
12.77'–INV. W

REMOVE & REPLACE CURB RAMP AND CONC. SIDEWALK (RE: 3C08.02)

SEWER MH
23.78'–TOP
13.63'–INV. N

15" CLAY

S. STADIUM DRIVE

S87°50'21.0"E

℄ CURVE DATA
P.I. Sta. 33+19.23
N:694,401.6949
E:3,329,110.5147
Δ=25°55'28.9" Lt.
L=509.03'
T=258.95'
R=1,125.00'

MATCHLINE STA. 32+60.00 – SHEET C04.04

EXISTING ASPHALT PAVEMENT PATCH (RE: 9C08.01)

REMOVE & REPLACE 8" CONCRETE (RE: 8C08.01)

ENGINEERING LANE

36"x59" CMPA (To Remain)

36"x59" CMPA (To Remain)

SEWER MH
30.18'–TOP
14.69'–INV. N
13.60'–INV. E
20.69'–INV. S
13.54'–INV. W

4" CLAY

STA. 35+54.56
S. STADIUM DRIVE =
STA. 10+00.00
FORESTRY LANE
N: 694392.5838
E: 3329354.5480

SEE PROPOSED DRAINAGE TABLE ON SHEET C02.01

SEE LEGEND AND NOTES ON SHEET C01.01.

SEE TOPO SURVEY SHEETS TS01.00 & TS02.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

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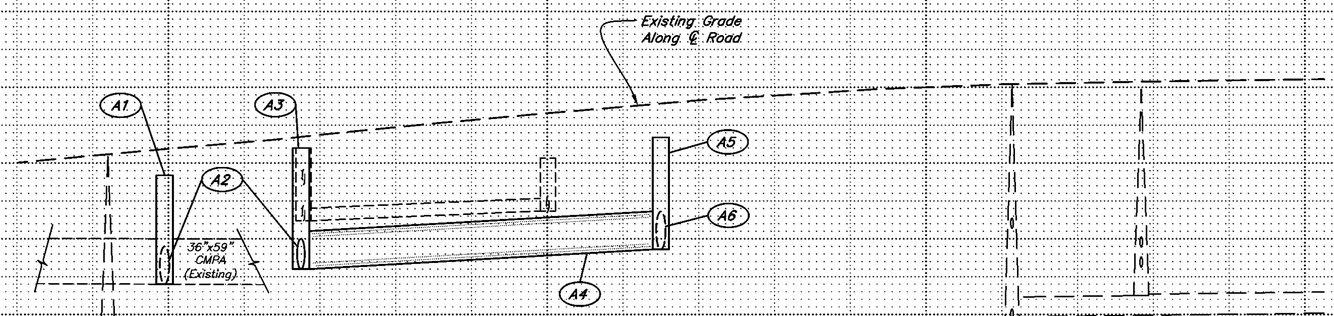
(IN FEET)



40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0

25.01 | 25.48 | 25.93 | 26.37 | 26.85 | 27.36 | 27.83 | 28.28 | 28.70 | 29.14 | 29.45 | 29.76 | 29.99 | 30.19 | 30.28 | 30.37 | 30.44 | 30.52

33+00 | 34+00 | 35+00 | 36+00

CONSTRUCTION DOCUMENTS

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LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAINER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PLAN / PROFILE - S. STADIUM DRIVE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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C04.05

CONSTRUCTION DOCUMENTS

R:\2023\231326 - P&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-PE04 FIELDHOUSE DR EXT

RCBs SHALL BE PRECAST ONLY AND MUST COMPLY WITH ASTM C 1577 AS INDICATED IN SECTION 1016 OF THE STANDARD SPECIFICATIONS

TREE PROTECTION FENCING (RE:4G03.00)

40'x65' CMPA

15.60'-INV.

50+00

51+00

52+00

53+00

℄ STA. 50+93.84
REQ'D 3-5'x5'x75' RCB
@ 0.10%
INV. UP=13.81
INV DN=13.75

BARRIER CURB TAPER & HANDICAP RAMP (TYP.) (RE: 2C08.02)

REQ'D 2' WIDE CURB CUTS

Limits of Constr.

TREE PROTECTION FENCING (RE:3G03.00)

SEA GRANT BUILDING (METAL BLDG.) F.F. ELEV. 22.77

END PROJECT
STA. 53+45.00
FIELDHOUSE DRIVE EXTENSION
N: 694010.5521
E: 3328531.4155

PEDESTRAIN CROSS WALK, BARRIER CURB TAPER & HANDICAP RAMP (RE: 1C08.02 & 2C08.02)

STA. 50+11.92
FIELDHOUSE DRIVE EXTENSION
N: 693705.5573
E: 3328400.2539

FIELDHOUSE DRIVE EXTENSION

N17°19'33.8"E

N27°16'52.7"E

S. QUAD DRIVE

P.C. Sta. 51+20.14

P.T. Sta. 51+72.26

15" RCP

12" RCP

16.62'-INV.

4-PERMANENT PIPE BOLLARDS AROUND POLE (RE: 4C08.03)

ENTRANCE/EXIT GATE INSET (RE: 2C06.05)

LSU TIGER RACING FORMULA SAE (BRICK BLDG) F.F. ELEV. 23.43

DROP INLET
21.84'-TOP
18.82'-INV. N
18.69'-INV. S

DROP INLET
21.95'-TOP
19.78'-INV. E
19.80'-INV. S

℄ CURVE DATA
P.I. Sta. 51+46.26
N: 693,833.8053
E: 3,328,396.7039
Δ=09°57'18.9" Rt.
L=52.13'
T=26.13'
R=300.00'

CONTRACTOR TO FIELD VERIFY ELEVATIONS OF CHILLED WATER AND FIRE WATER LINES PRIOR TO INSTALLATION OF DRAINAGE PIPE IN ORDER TO AVOID ANY CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ELEVATIONS PRIOR TO PERFORMING WORK.

FACILITY SERVICES WAREHOUSE #2 (METAL BLDG) F.F. ELEV. 23.20

10" RCP

40" X 36" RCPA
13.77'-INV. W
14.42'-INV. E

40" X 36" RCPA
14.50'-INV. W
14.25'-INV. E

13.96'-INV. A-W
13.92'-INV. B-W
13.95'-INV. C-W
13.85'-INV. A-E
13.83'-INV. B-E
13.83'-INV. C-E

CONTRACTOR TO FIELD VERIFY UTILITIES WHERE NEW ROAD AND DRAINAGE PIPE & BOXES ARE TO BE INSTALLED AND NOTIFY ENGINEER OF ANY CONFLICTS.

SEE PROPOSED DRAINAGE TABLE ON SHEET C02.05

SEE LEGEND AND NOTES ON SHEET C01.01.

SEE TOPO SURVEY SHEETS TS01.00 & TS03.00 FOR EXISTING TOPOGRAPHIC INFORMATION.

REFER TO MEP SHEETS FOR DESIGN INFORMATION FOR STEAM, CHILLED WATER, GAS, & POWER.

N

20 0 10 20

(IN FEET)

Sta. 50+11.92
Begin Rdwy @ Edge of Road
Elev. ±22.26

Sta. 50+50.00
Elev. 22.07

Sta. 50+93.84
℄ 3-5'x5'x75' RCB's
@ 75° SKEW

Sta. 52+00.00
Elev. 22.82

Sta. 53+36.00
Elev. 22.14

Sta. 53+45.00
End Project

Proposed Grade Along ℄

Existing Grade Along ℄

-0.50%

+0.50%

-0.50%

+0.54%

C1 C3 C2 C4 C5 D D1 D1A D1B D2 D4 D3

Existing 10" PVC Fire Water Line
Inv. ±16.35

Existing 18" Steel Chilled Water Lines
Inv. ±16.45 (N)
Inv. ± 16.71 (S)

1'-0" MIN.

Inv. Up (Lt.) = 13.81
Inv. Dn. (Rt.) = 13.75

REQ'D BEDDING MATERIAL AS DIRECTED BY THE PROJECT ENGINEER (SEE STD. PLAN BM-01)

35 30 25 20 15 10 5

22.44 22.07 22.22 20.28 22.12 19.73 22.12 13.30 22.22 15.54 22.32 20.43 22.42 21.63 22.52 21.58 22.62 21.63 22.72 21.68 22.82 21.74 22.72 21.77 22.62 21.83 22.52 21.91 22.42 22.00 22.32 22.21 22.22 22.33 22.16 22.48 22.27 22.43 22.39

50+00 51+00 52+00 53+00

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL PLAN / PROFILE - FIELDHOUSE DRIVE EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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C04.06

CONSTRUCTION DOCUMENTS

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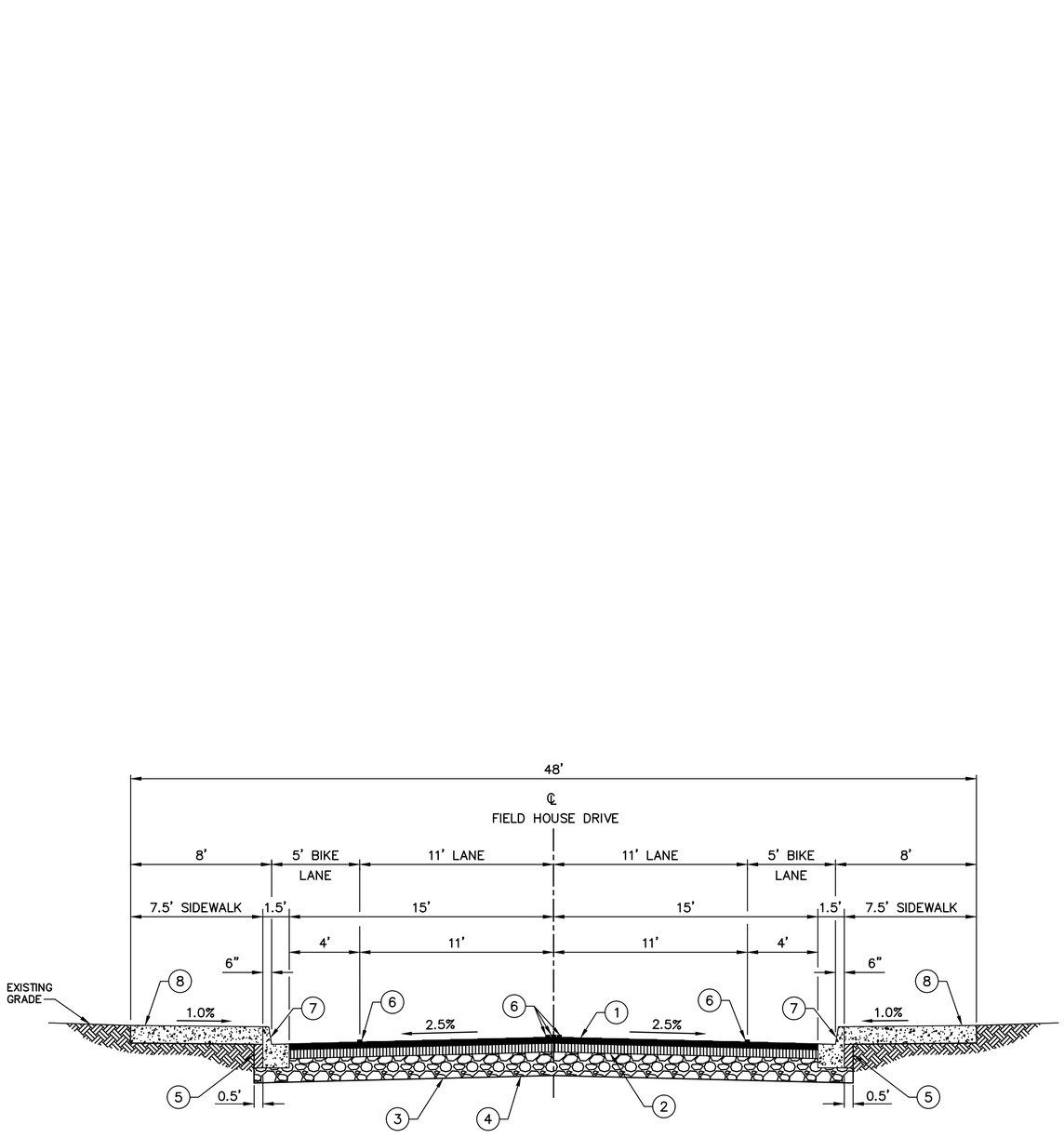

1 TYPICAL SECTION – FIELDHOUSE DRIVE EXTENSION
N.T.S.
RE: C04.06

LEGEND:

1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2)
2. 3" ASPHALT CONCRETE BINDER COURSE (LEVEL 2)
3. 8" CLASS II BASE COURSE (CRUSHED STONE ONLY)
4. GEOTEXTILE FABRIC (INCLUDED IN CLASS II BASE COURSE)
5. EMBANKMENT (NO DIRECT PAY)
6. PAVEMENT STRIPING & MARKERS (RE: C03.02)
7. COMBINATION CONCRETE CURB AND GUTTER (BARRIER TYPE) (RE: 1C08.01)
8. CONCRETE SIDEWALK (6" THICK) (RE: 7C08.01)

LSU

FORTE & TABLADA

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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL TYPICAL SECTION - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27450
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEER
06/27/2025

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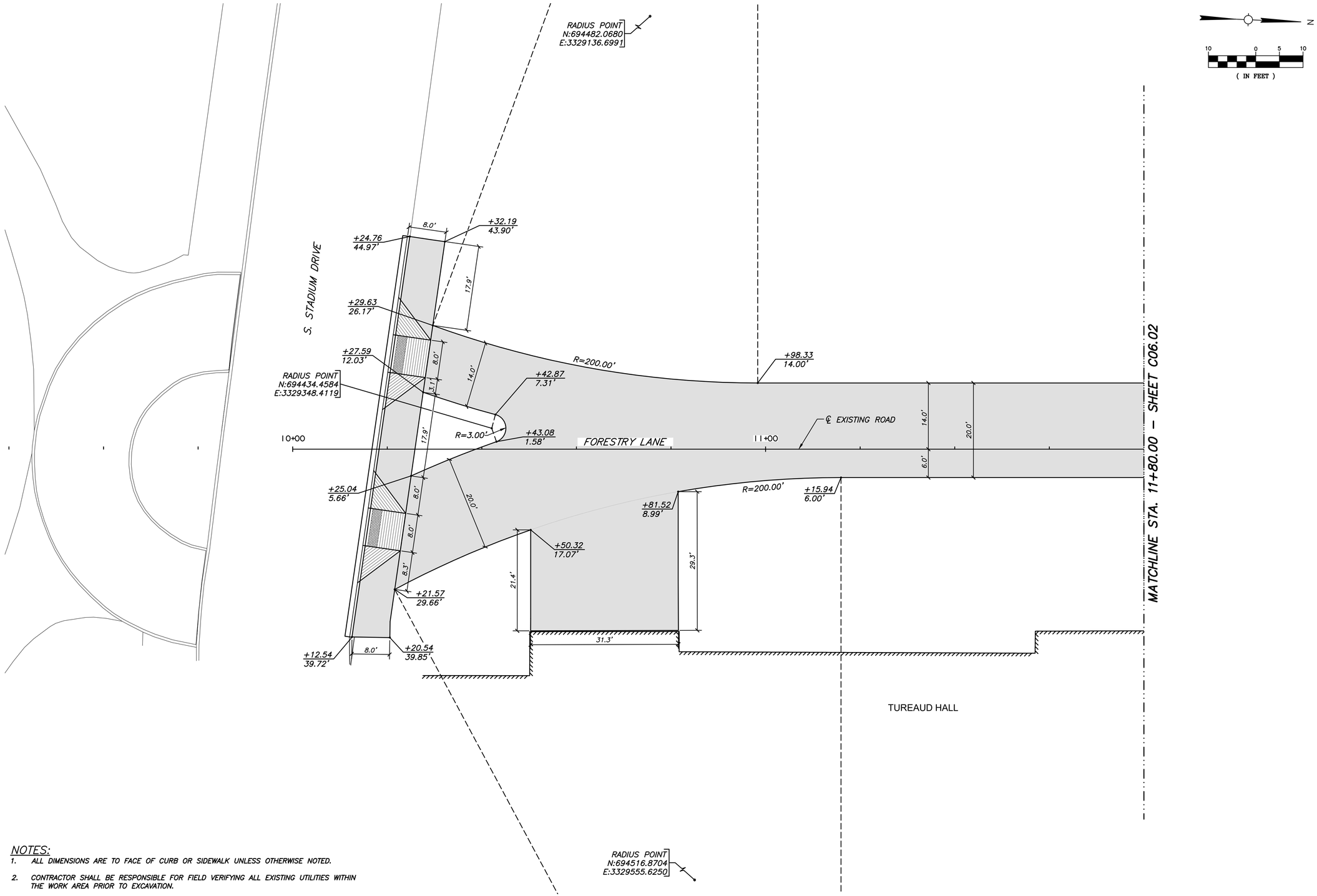

NOTES:

1. *ALL DIMENSIONS ARE TO FACE OF CURB OR SIDEWALK UNLESS OTHERWISE NOTED.*
2. *CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO EXCAVATION.*

1 GEOMETRIC PLAN – FORESTRY LANE

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
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CIVIL GEOMETRIC PLAN - FORESTRY LANE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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CONSTRUCTION DOCUMENTS

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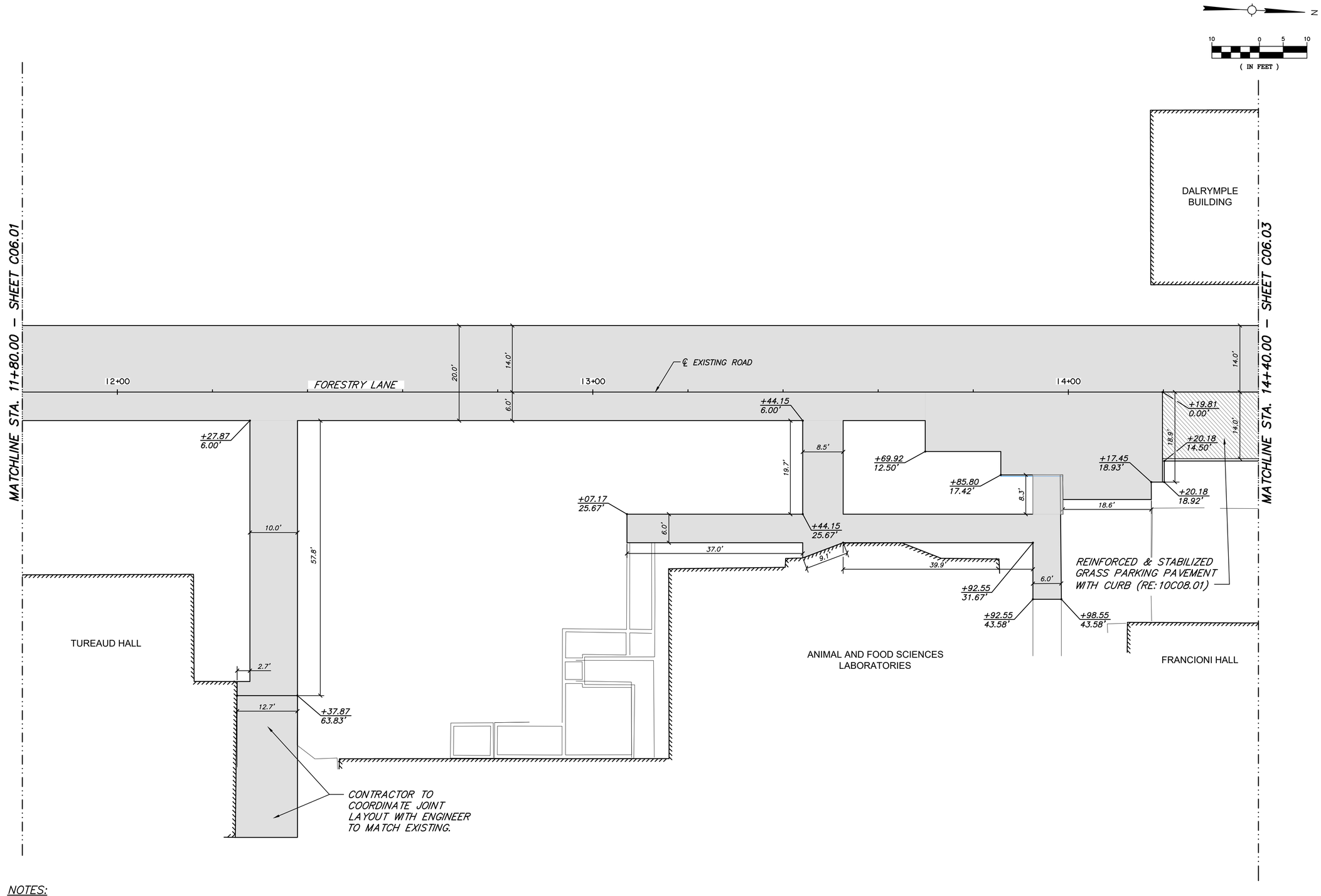

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2 GEOMETRIC PLAN – FORESTRY LANE

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
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9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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CIVIL GEOMETRIC PLAN - FORESTRY LANE

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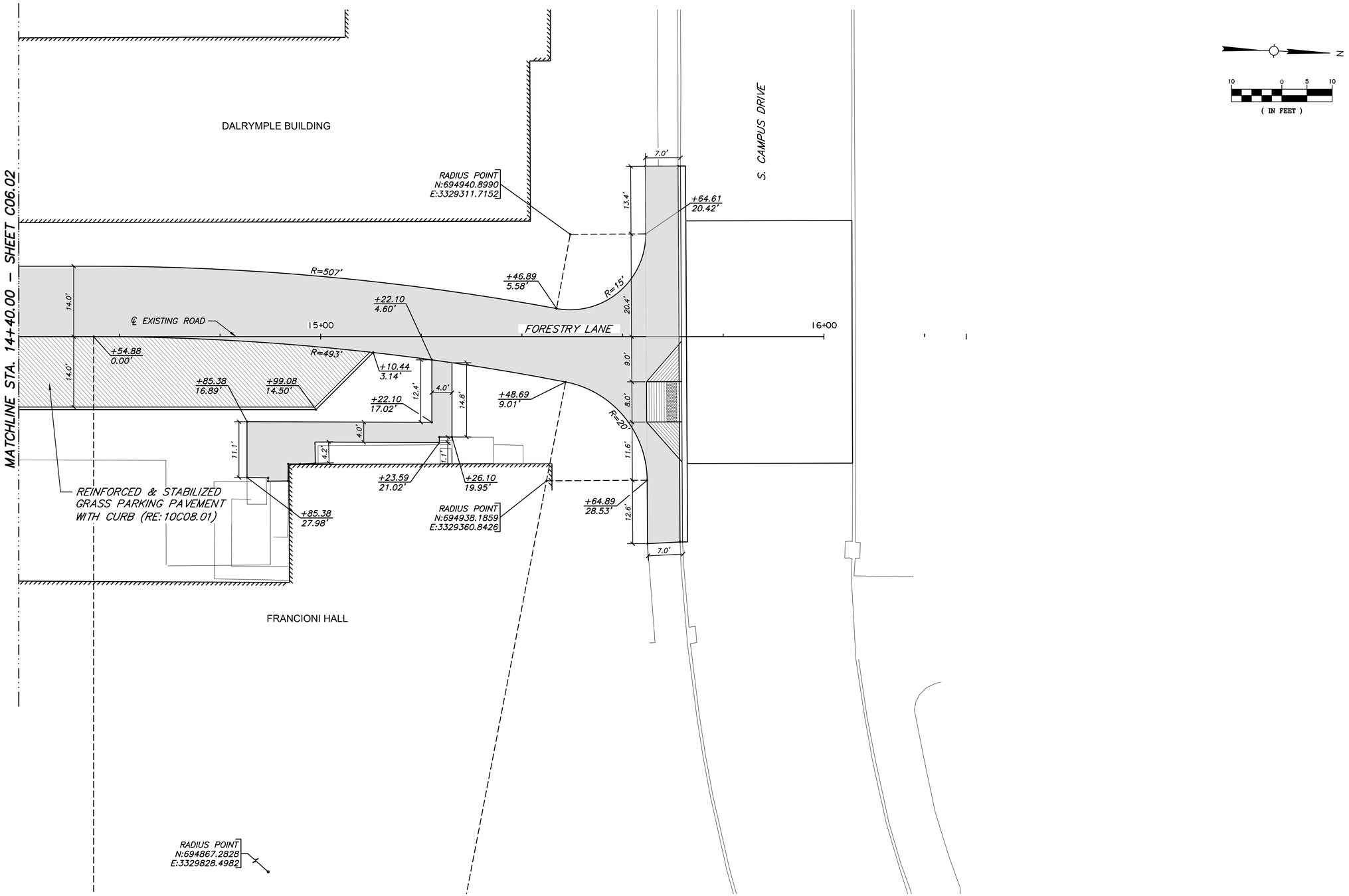
C06.02

CONSTRUCTION DOCUMENTS



N

10 0 5 10

(IN FEET)

NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB OR SIDEWALK UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO EXCAVATION.

3 GEOMETRIC PLAN – FORESTRY LANE

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-GE01 FORESTRY

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL GEOMETRIC PLAN - FORESTRY LANE

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

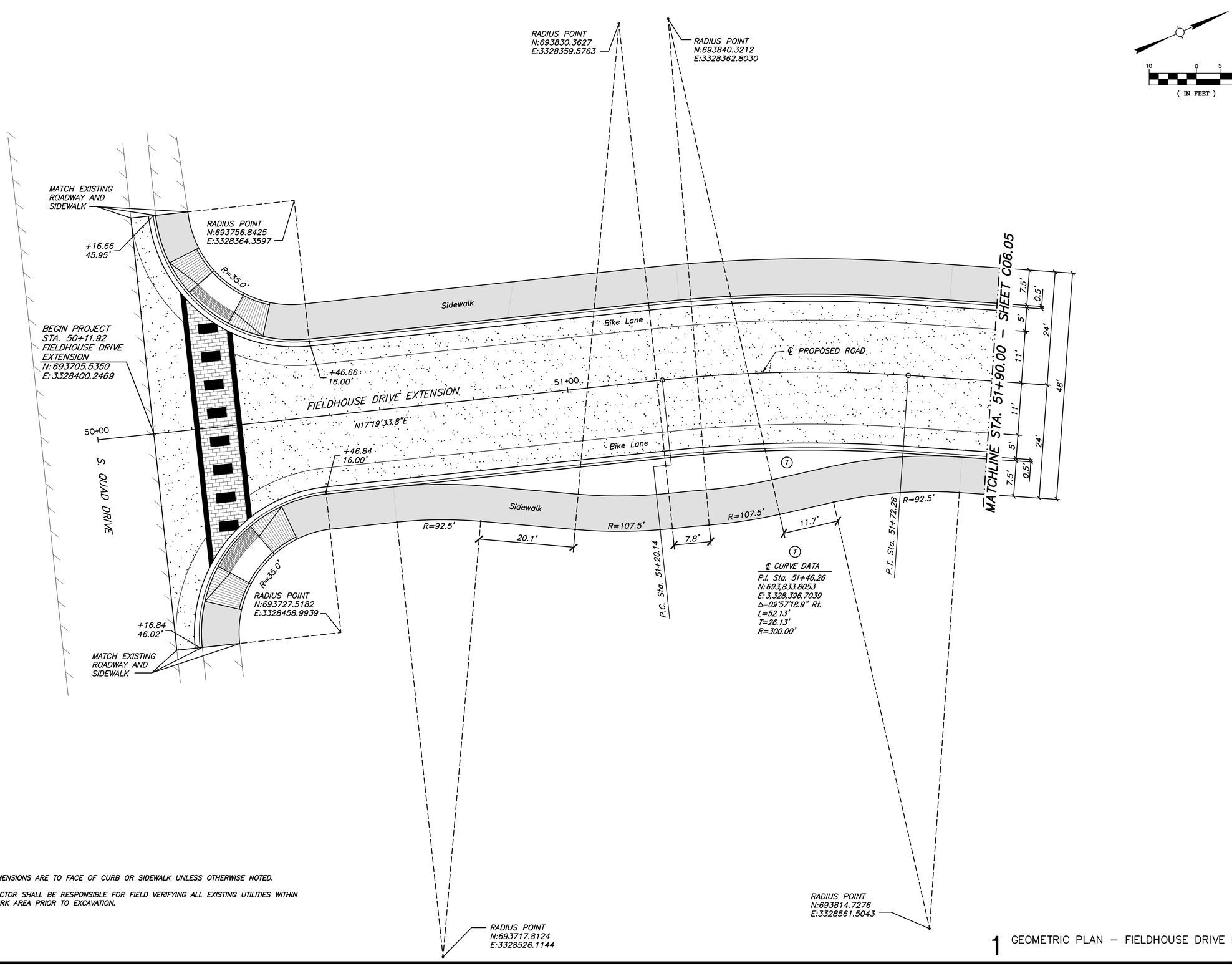
DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. **C06.03**

CONSTRUCTION DOCUMENTS



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1 GEOMETRIC PLAN – FIELDHOUSE DRIVE EXTENSION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

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5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
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7353 HIGHLAND ROAD,
SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL GEOMETRIC PLAN - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

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REVISIONS

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DRAWN BY: CAT

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DATE: 06/27/2025

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C06.04

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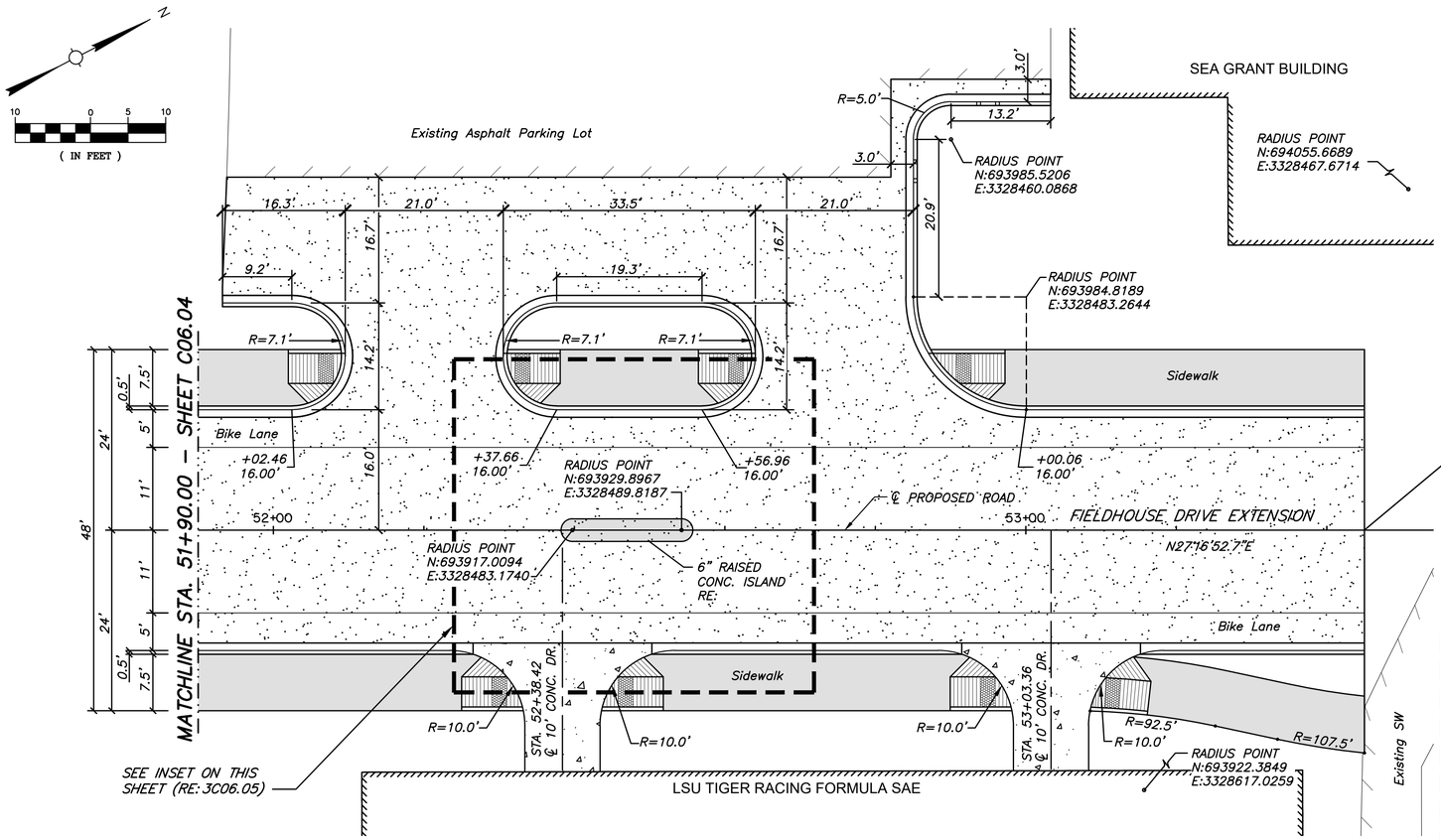
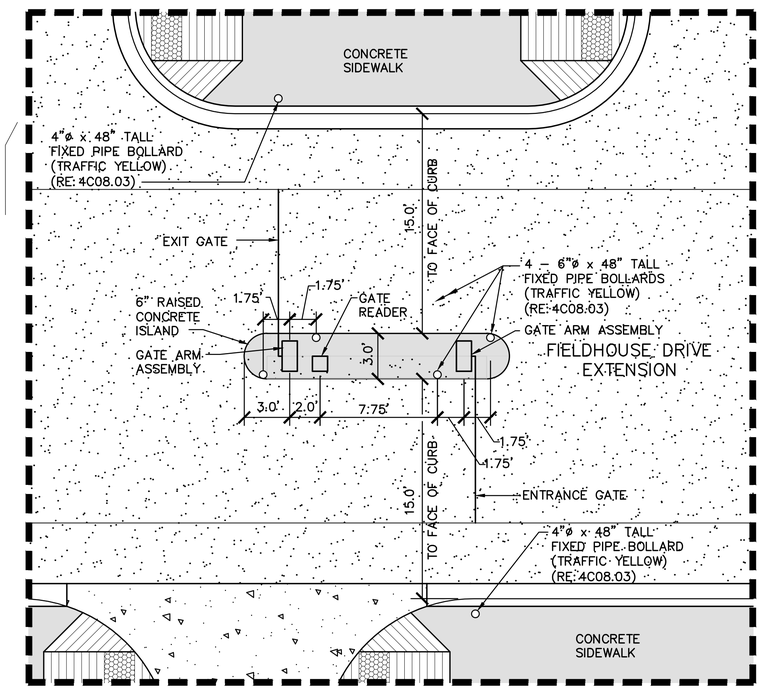
CONSTRUCTION DOCUMENTS



2 GEOMETRIC PLAN – FIELDHOUSE DRIVE EXTENSION

NOTES:

1. *ALL DIMENSIONS ARE TO FACE OF CURB OR SIDEWALK UNLESS OTHERWISE NOTED.*
2. *CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO EXCAVATION.*



GATE SPECIFICATIONS:

GATE ARM ASSEMBLY: MAGNETIC MHTM MICRODRIVE ACCESS GATE (OR APPROVED EQUAL)

READER: TAGMASTER XT–5 LONG–RANGE RFID UHF READER (OR APPROVED EQUAL)

POLE: 2 3/8" O.D. POLE WITH 1/8" WALL, 60061 T–6 (HIGH STRENGTH). FINISH TO BE SAND ETCH & SEAL THEN POWDER COATED USING TIGER DRYLAC SUPER DURABLE 38 SERIES, 10130 SEASHELL WHITE. (OR APPROVED EQUAL)

MEDIA CONVERTER SWITCHES: BLACK BOX MEDIA CONVERTER SWITCHES (OR APPROVED EQUAL)

3 ENTRANCE/EXIT DRIVE INSET

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
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5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL GEOMETRIC PLAN - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

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DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.
C06.05

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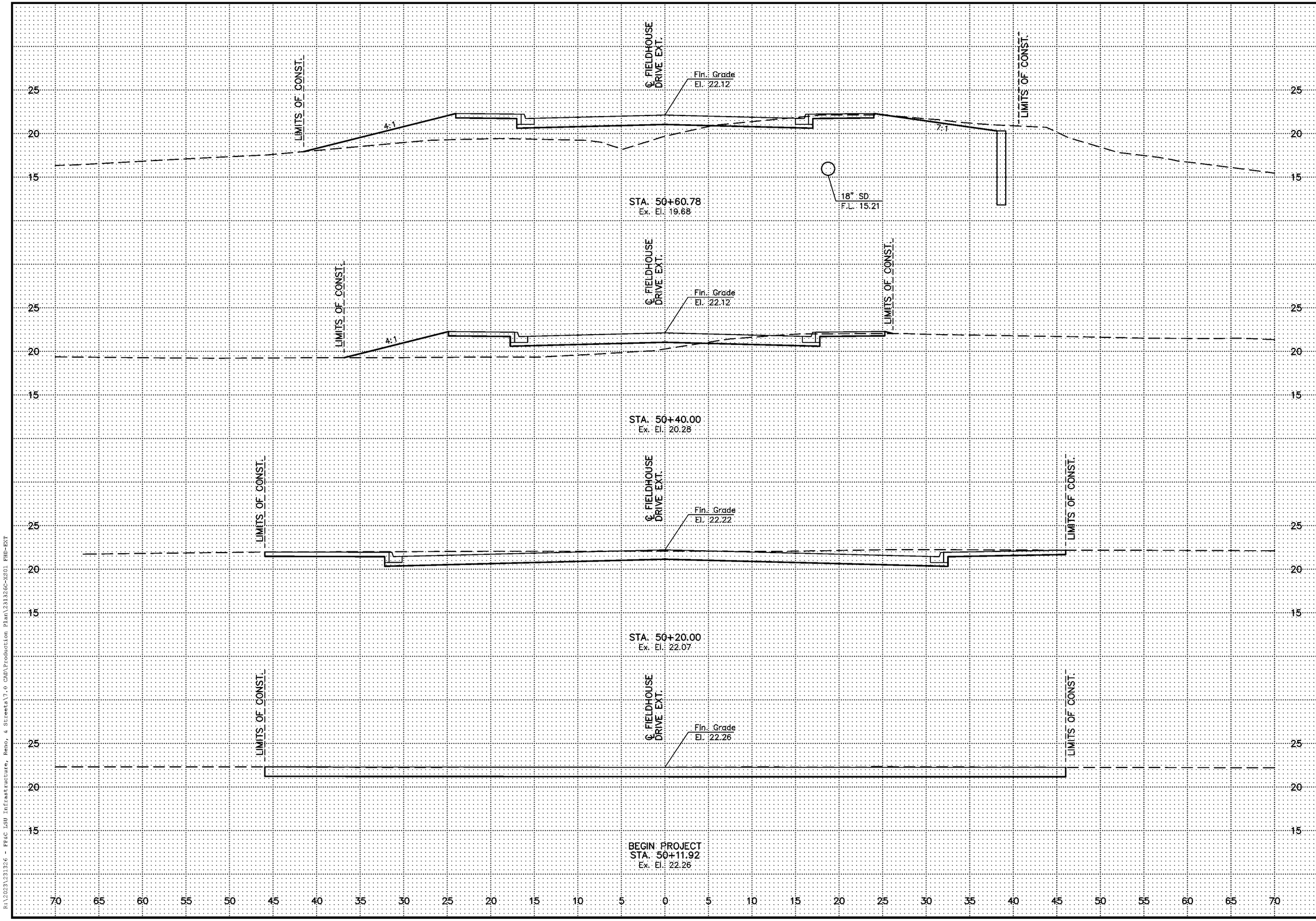
CONSTRUCTION DOCUMENTS



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LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
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9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B -3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.190002643

CIVIL RD. CROSS SECTIONS - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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DRAWN BY: CAT

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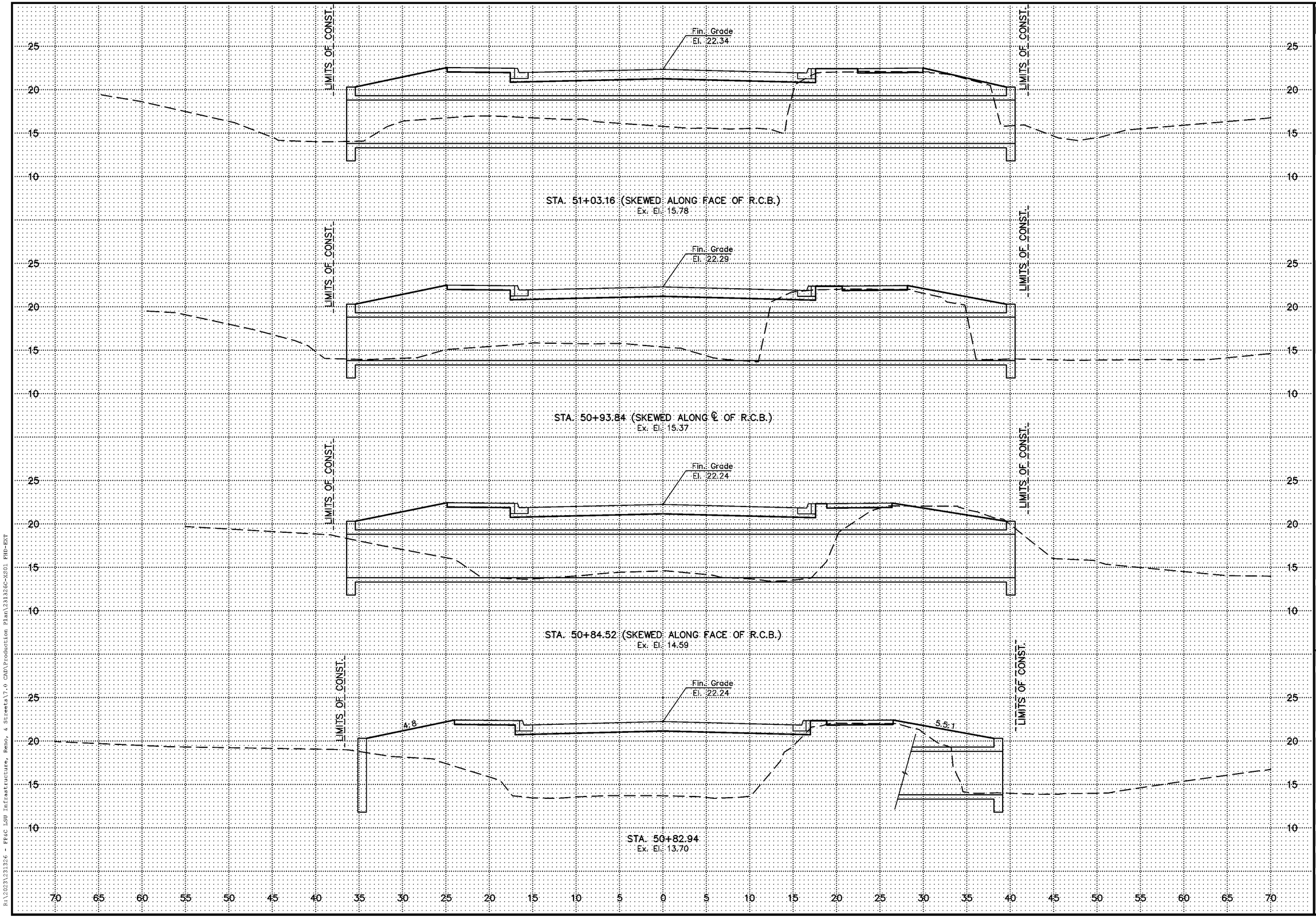
SHEET NO.: **C07.01**

CONSTRUCTION DOCUMENTS



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LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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6633 GOVERNMENT STREET
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7353 HIGHLAND ROAD.
SUITE B -3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL RD. CROSS SECTIONS - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 37452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

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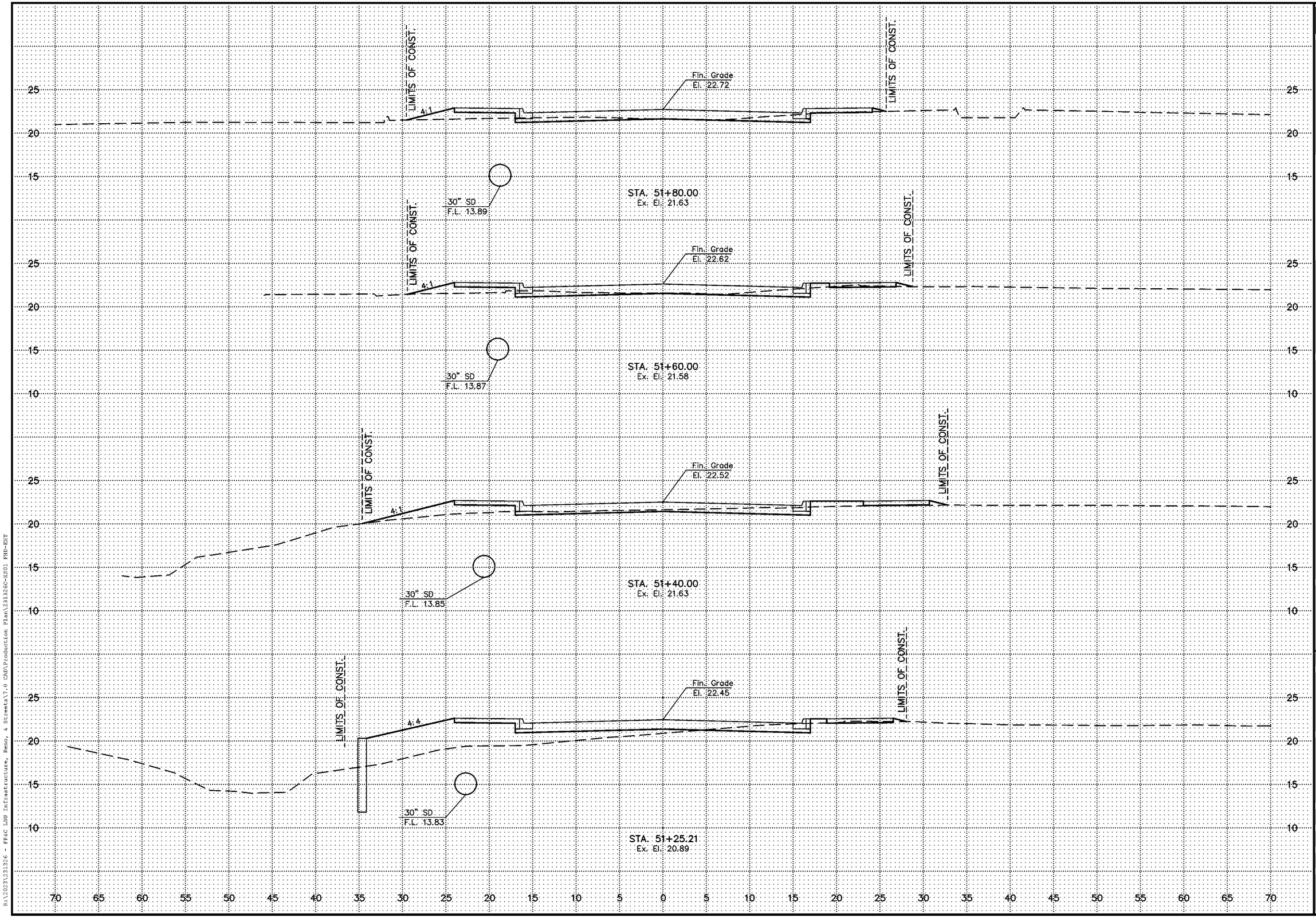
SHEET NO.
C07.02

CONSTRUCTION DOCUMENTS



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LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B -3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL RD. CROSS SECTIONS - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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REVISIONS

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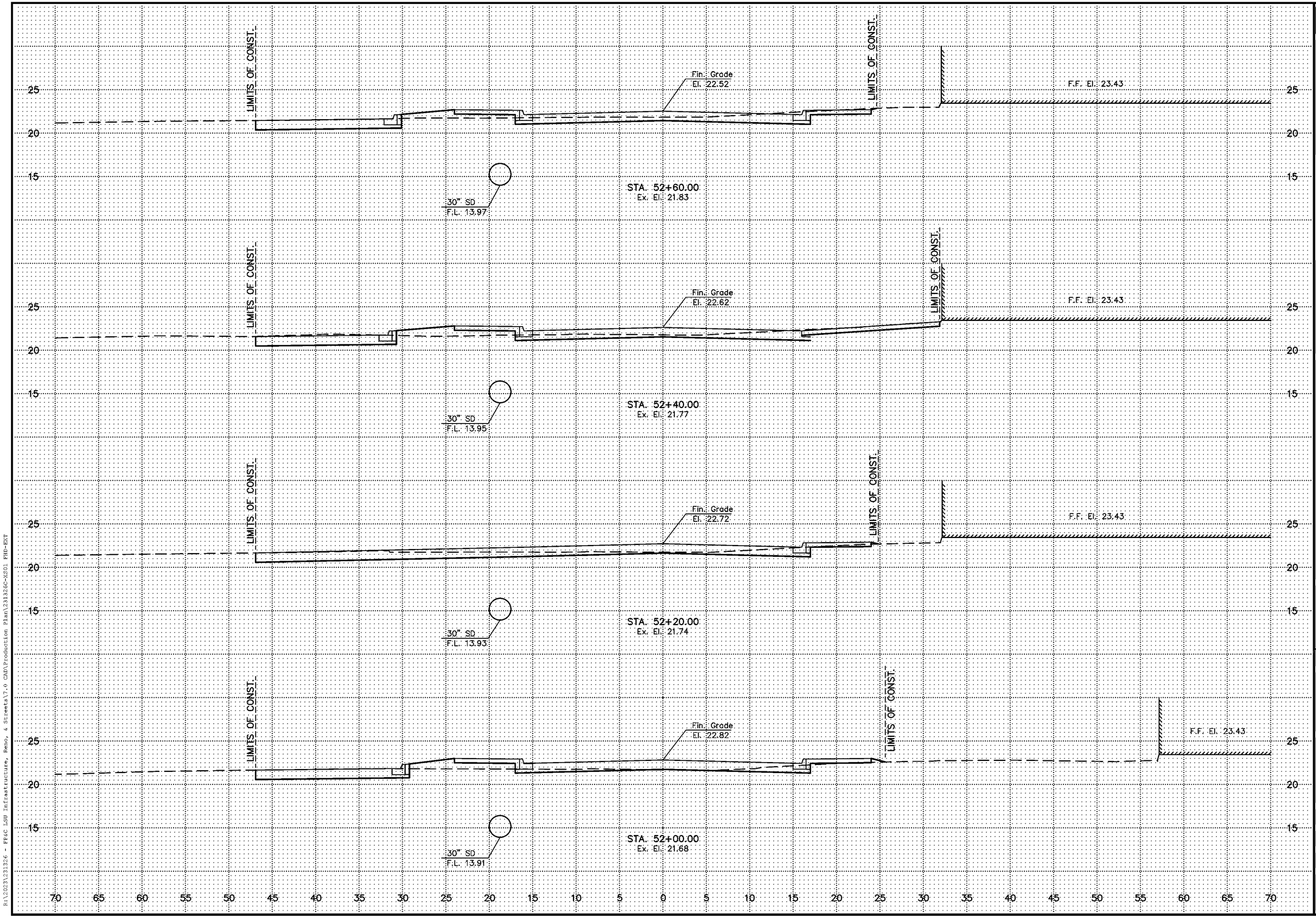
DATE: 06/27/2025

SHEET NO.
C07.03

CONSTRUCTION DOCUMENTS



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LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
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5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
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COVINGTON, LA 70433

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

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CIVIL RD. CROSS SECTIONS - FIELDHOUSE DR. EXT.

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06/27/2025

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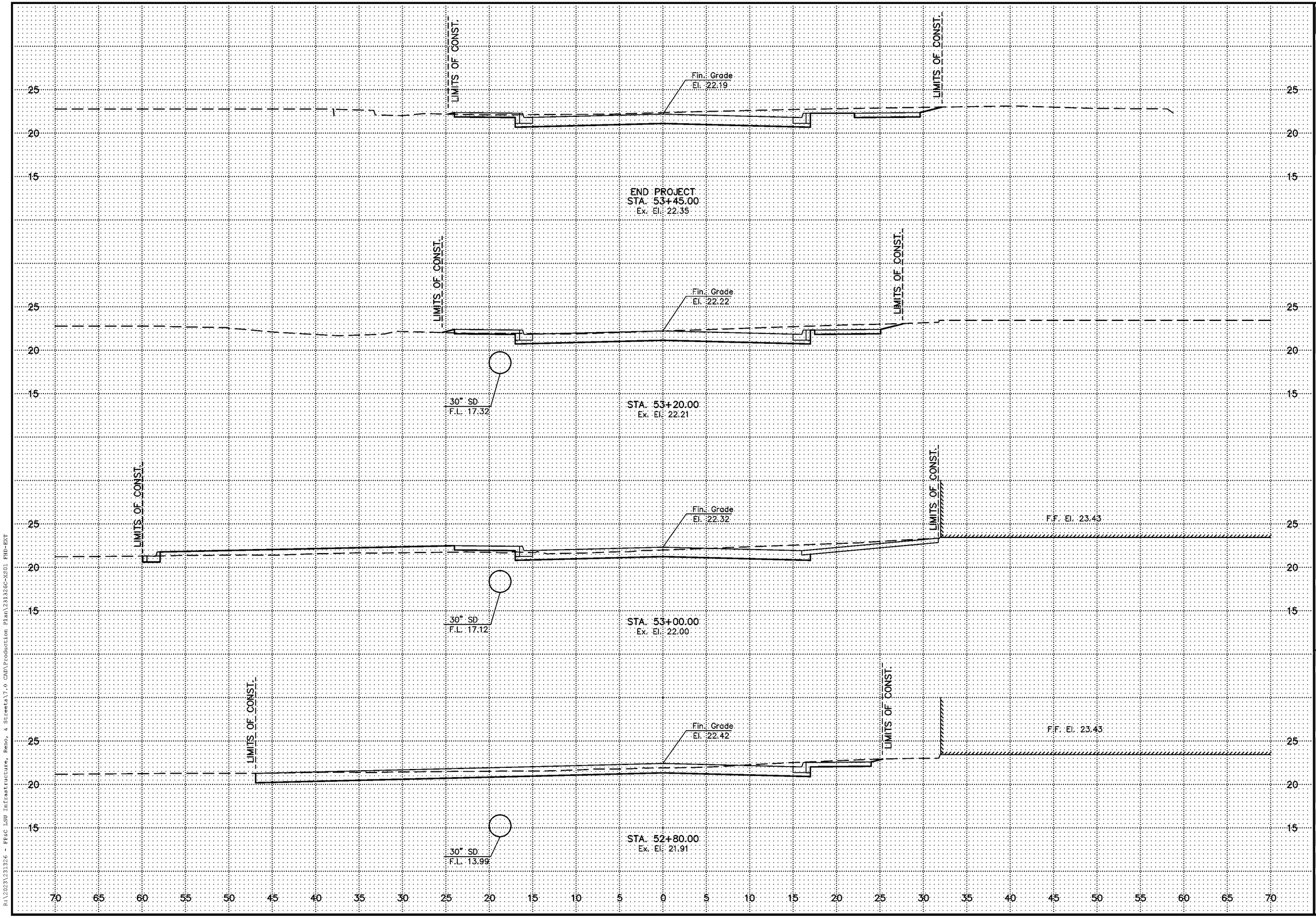
C07.04

CONSTRUCTION DOCUMENTS



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LSU

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL RD. CROSS SECTIONS - FIELDHOUSE DR. EXT.

STATE OF LOUISIANA
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License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

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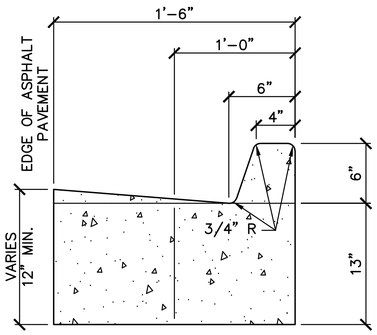
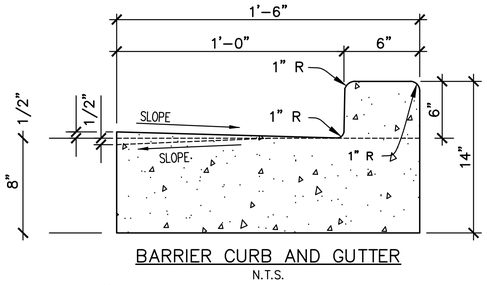


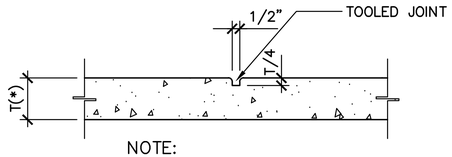
1 COMBINATION CURB & GUTTER (BARRIER TYPE)
N.T.S.
RE: C02.05



BARRIER CURB AND GUTTER
N.T.S.

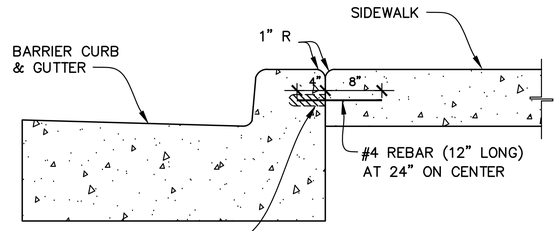
NOTE:
INSTALL 1/2" PREFORMED (NON–EXTRUDING TYPE) EXPANSION JOINT STRIPS AT ALL CURB RETURNS AND AT 100 FT. MAXIMUM INTERVALS. SCORE CURB AT 20' MAXIMUM INTERVALS.

2 CONCRETE CURB & GUTTER (BARRIER TYPE)
N.T.S.
RE: C02.02, C02.04



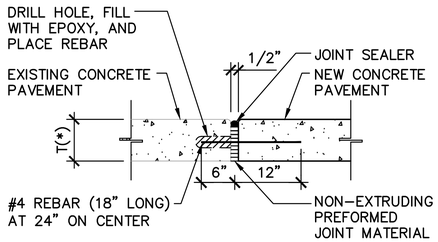
NOTE:
T(*) – PAVEMENT THICKNESS

3 CONCRETE SIDEWALK TOOLED CONTROL JOINT
N.T.S.
RE: C02.02–C02.05



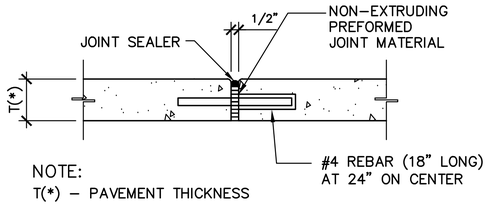
NOTE:
INSTALL 1/2" PREFORMED (NON–EXTRUDING TYPE) EXPANSION JOINT STRIPS AT ALL CURB RETURNS AND AT 25 FT. MAXIMUM INTERVALS. SCORE CURB AT 20' MAXIMUM INTERVALS.

4 PAVEMENT/SIDEWALK CONNECTION DETAIL
N.T.S.
RE: C02.02, C02.04



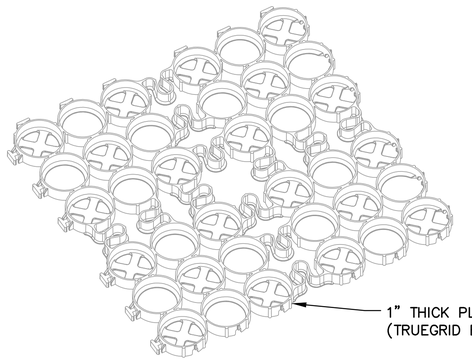
NOTE:
T(*) – PAVEMENT THICKNESS

5 EXISTING/NEW CONCRETE CONNECTION DETAIL
N.T.S.
RE: C02.02, C02.03, C02.04

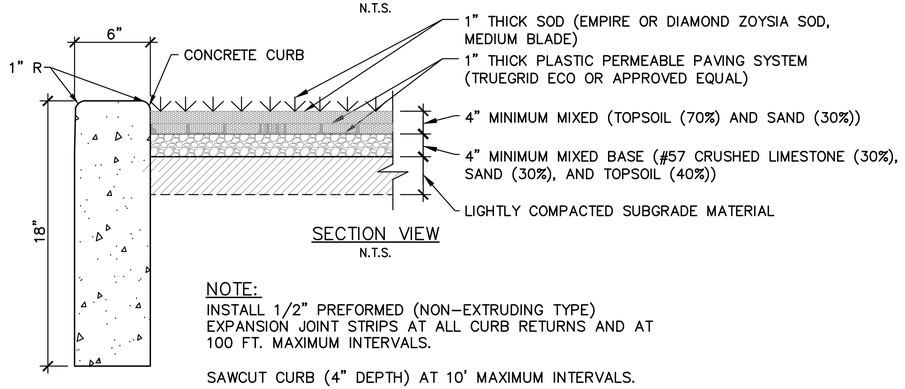


NOTE:
T(*) – PAVEMENT THICKNESS

6 CONCRETE SIDEWALK PAVEMENT EXPANSION JOINT
N.T.S.
RE: C02.02–C02.05



ISOMETRIC VIEW OF PERMEABLE PAVING SYSTEM
N.T.S.

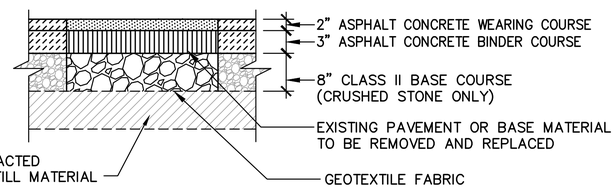


SECTION VIEW
N.T.S.

NOTE:
INSTALL 1/2" PREFORMED (NON–EXTRUDING TYPE) EXPANSION JOINT STRIPS AT ALL CURB RETURNS AND AT 100 FT. MAXIMUM INTERVALS.

SAWCUT CURB (4" DEPTH) AT 10' MAXIMUM INTERVALS.

10 REINFORCED & STABILIZED GRASS PARKING PAVEMENT SECTION
N.T.S.
RE: C02.03, C02.04



7 CONCRETE SIDEWALK SECTION
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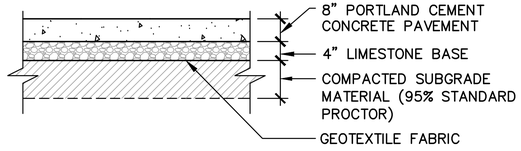
RE: C02.02–C02.05



8 HEAVY–DUTY CONCRETE PAVEMENT SECTION
N.T.S.
RE: C04.05

9 ASPHALT PATCH SECTION
N.T.S.
RE: C0.04

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - PAVING

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

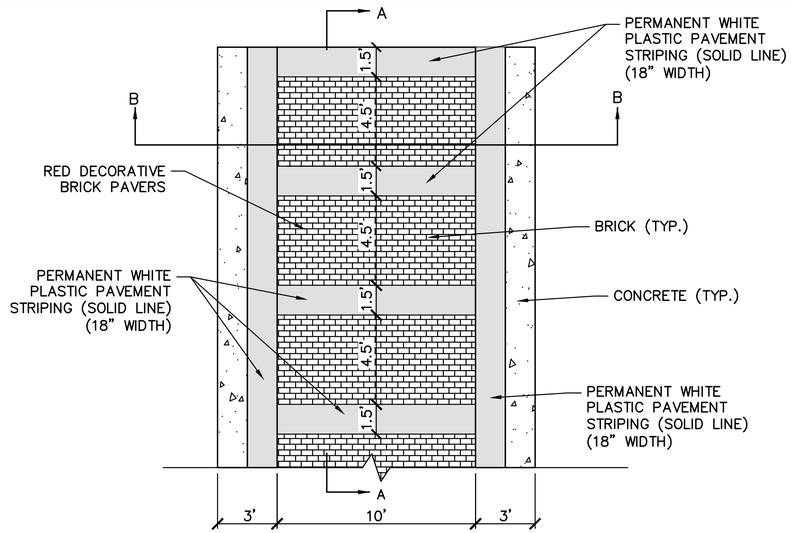
ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

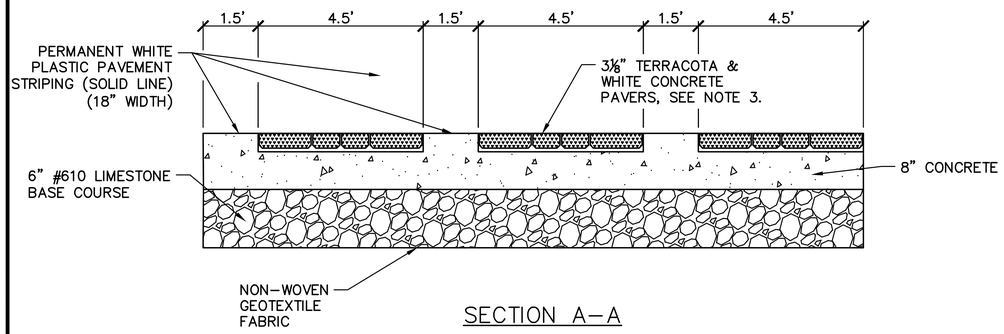
NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.01

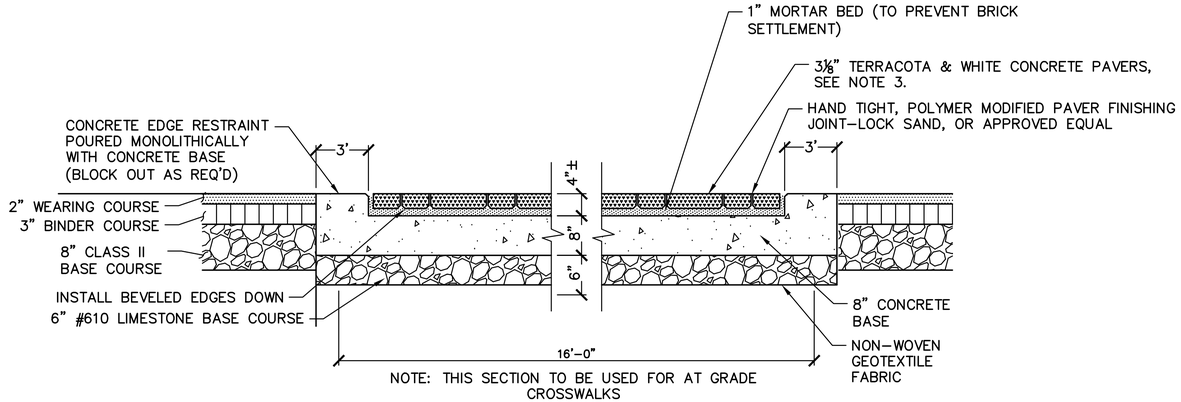
R:\2023\231326 – FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-0001 CIVIL DETAILS



PLAN



SECTION A–A

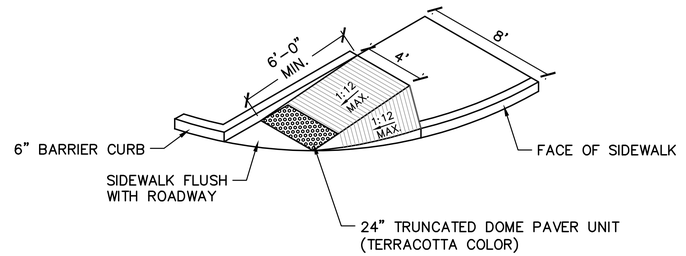


NOTE: THIS SECTION TO BE USED FOR AT GRADE CROSSWALKS

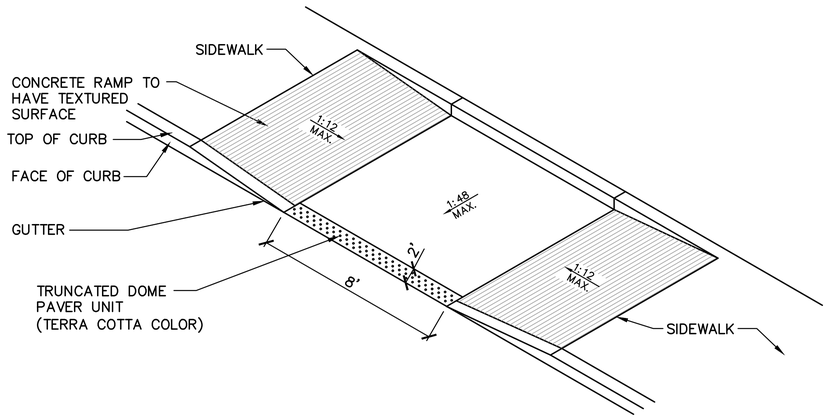
NOTES:
1. CONTRACTOR SHALL MAKE A SMOOTH TRANSITION FROM PAVER CROSSWALK TO HANDICAP RAMP AT SIDEWALK.
2. CROSSWALK ELEVATION SHALL MATCH PROFILE AND CROSS ELEVATIONS OF ROAD OVERLAY.
3. PAVERS TO BE IMPERMEABLE PAVERS, SEE LSU STANDARD PATTERN, TERRACOTTA 4'X8" RUNNING BOND WITH WHITE 4"X8" BAND.

SECTION B–B

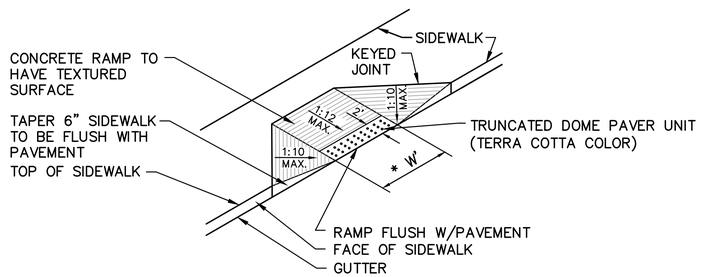
1 PEDESTRIAN CROSS WALK
N.T.S.
RE: C03.02



2 CURB RAMP (TYPE A)
N.T.S.
RE:



3 CURB RAMP (TYPE B)
N.T.S.
RE:



* W = 5' MINIMUM OR RAMP WIDTH AS SHOWN ON PAVING PLANS

4 CURB RAMP (TYPE C)
N.T.S.
RE:

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FF&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-D701 CIVIL DETAILS

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
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5215 ESSEN LANE, SUITE 100
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ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - CURB, RAMP & CROSSWALK

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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1"

REVISIONS

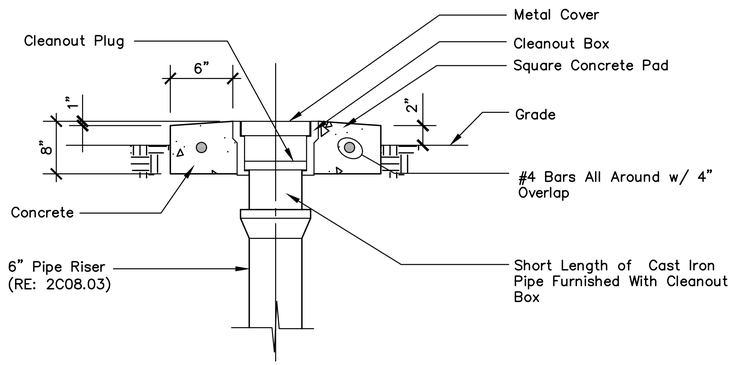
NO.	DESCRIPTION	DATE

DRAWN BY: CAT

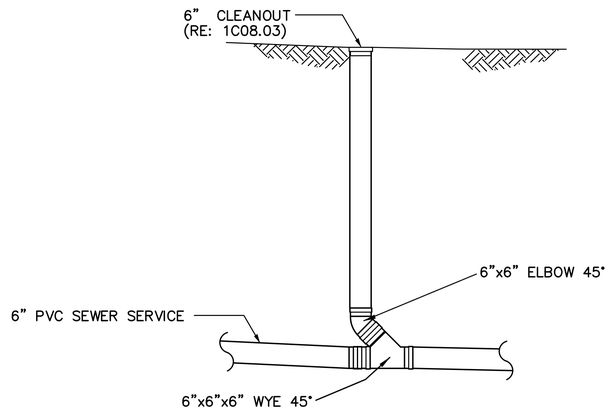
CHECKED BY: ABH

DATE: 06/27/2025

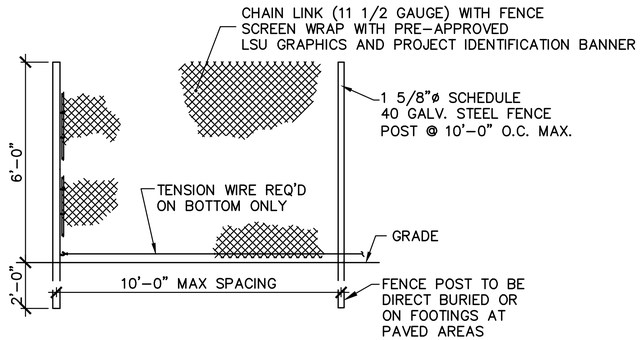
SHEET NO. **C08.02**



1 SEWER CLEANOUT DETAIL
N.T.S.
RE: C02.01, C04.01

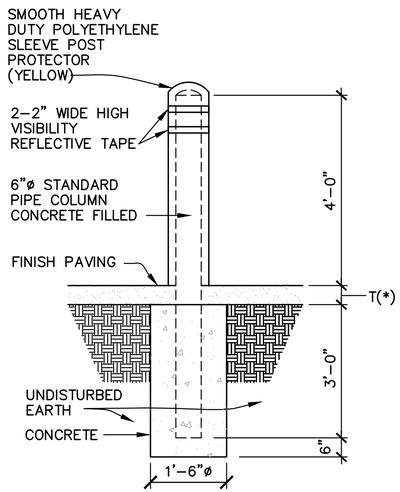


2 SEWER SERVICE LINE RISER DETAIL
N.T.S.
RE: C02.01, C04.01



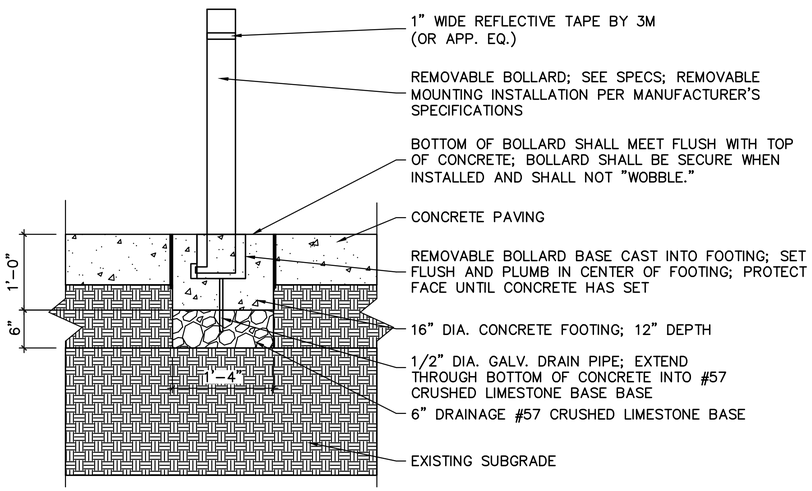
NOTES:
1. CONTRACTOR SHALL PROVIDE CONSTRUCTION FENCING WITH A FENCE SCREEN WRAP WITH PRE-APPROVED LSU GRAPHICS. CONTRACTOR TO PROVIDE LSU WITH PRODUCTION PROOF FROM VENDOR FOR APPROVAL PRIOR TO GOING INTO PRODUCTION.
2. A 4'X4' PROJECT IDENTIFICATION BANNER SHALL BE INSTALLED OVER THE CONSTRUCTION FENCE ADJACENT TO THE STAGING ACCESS GATE. THE BANNER IS TO INCLUDE THE PROJECT NAME, DESIGNER AND GENERAL CONTRACTOR'S LOGOS, AND LSU PDC AND FACILITY PLANNING & CONTROL LOGOS. CONTRACTOR TO PROVIDE LSU WITH PRODUCTION PROOF FROM VENDOR FOR APPROVAL PRIOR TO GOING INTO PRODUCTION.
3. CONTRACTOR IS TO MAINTAIN ADA PEDESTRIAN ACCESS TO ALL BUILDING EMERGENCY EXITS DURING CONSTRUCTION. IF PAVEMENT IS BEING MODIFIED AT THESE EXITS, CONTRACTOR IS TO MODIFY THE FENCING FOR SEQUENCING OF PAVEMENT REMOVAL AND REPLACEMENT TO PROVIDE EMERGENCY ADA PEDESTRIAN ACCESS AT ALL TIMES.

3 TEMPORARY CONSTRUCTION FENCE DETAIL
N.T.S.
RE: G03.00, D08.00, D08.01



NOTE:
T(*) – PAVEMENT THICKNESS

4 PERMANENT PIPE BOLLARD DETAIL
N.T.S.
RE: C04.06, C06.05



5 REMOVABLE BOLLARD AT CONCRETE PAVING
N.T.S.
RE: 1C02.02, 3C02.04

CONSTRUCTION DOCUMENTS

R:\2023\2312326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2312326-D701 CIVIL DETAILS

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - SEWER & FENCING

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS

NO.	DESCRIPTION	DATE

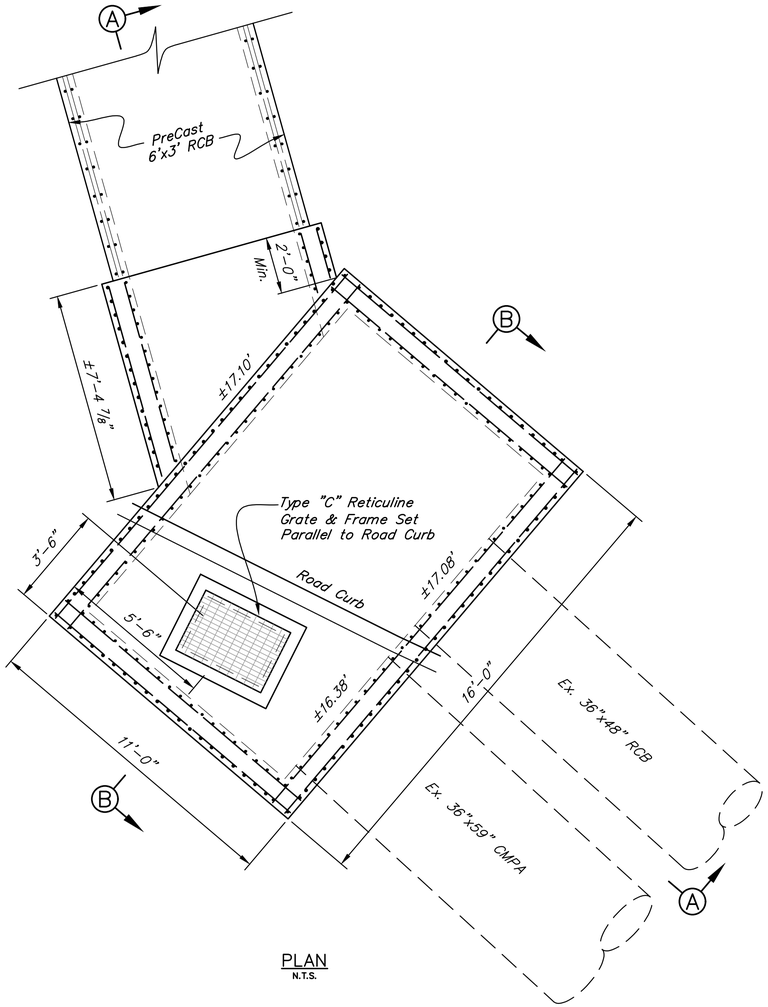
DRAWN BY: CAT

CHECKED BY: ABH

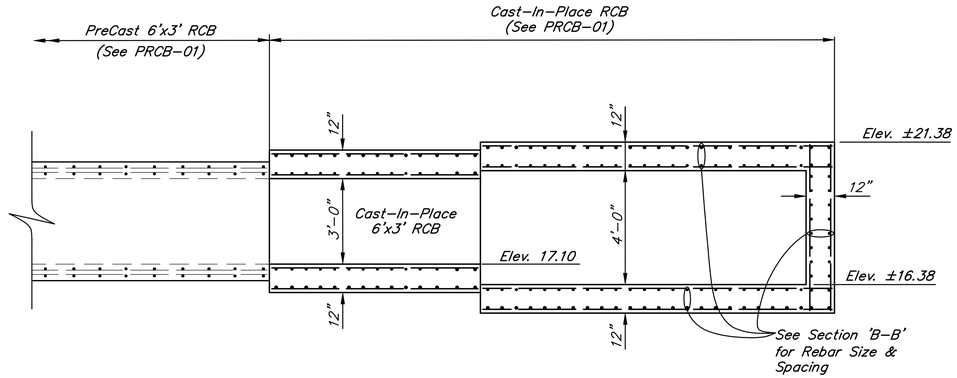
DATE: 06/27/2025

SHEET NO.
C08.03

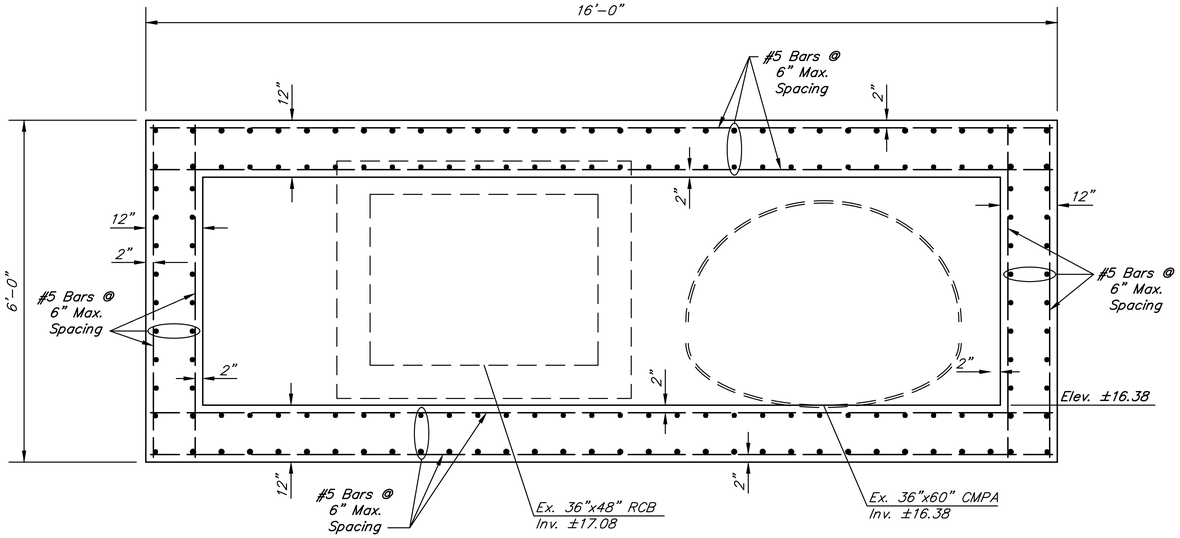
CONSTRUCTION DOCUMENTS



PLAN
N.T.S.



SECTION 'A-A'
N.T.S.



SECTION 'B-B'
N.T.S.

NOTES:

1. CONSTRUCTION SPECIFICATIONS: LATEST APPROVED LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. SECTION 702 OF THE CURRENT DOTD SPECIFICATIONS SHALL APPLY.
2. ALL CONCRETE TO BE CLASS "A1".
3. ALL EXPOSED CORNERS TO HAVE A ¾" CHAMFER, UNLESS OTHERWISE NOTED.
4. ALL REINFORCING STEEL SHALL BE GRADE 60.
5. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS. BAR CLEARANCES ARE TO OUTSIDE OF BARS.
6. FOR CAST-IN-PLACE PORTIONS OF THE CULVERT, SEE SPECIAL DETAIL PRCB-01.
7. STEEL DRAIN GRATE TO BE GALVANIZED AFTER FABRICATION.
8. SUPPLIER OF GRATE IS TO FURNISH PRE-FITTED GRATE FRAME.
9. FOR DETAILS OF GRATE, FRAME, OR COVER, SEE STANDARD PLAN MC-01. SEE PLAN FOR TYPE OF GRATE TO BE USED.
10. VERTICAL REINFORCING STEEL MAY BE SPLICED. SPLICE LENGTH IS 35 DIAMETERS.
11. PIPE SIZE AND LOCATION VARIES. CUT REINFORCING STEEL TO CLEAR AS REQUIRED.

1 DRAINAGE STRUCTURE B-1
N.T.S.
RE: C02.01, C04.04

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DRAINAGE STRUCTURE B1 DETAILS

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.04

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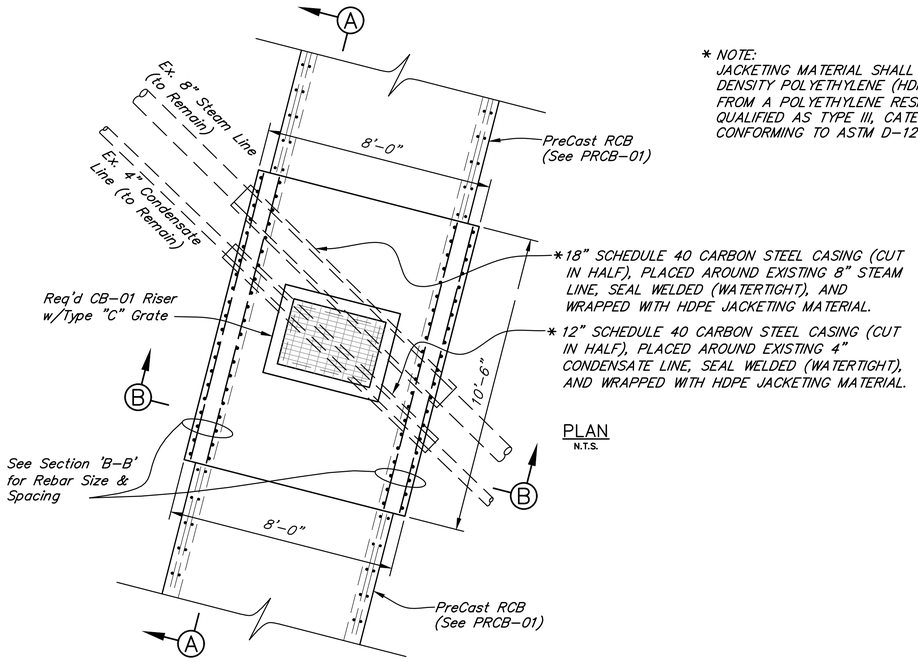
CONSTRUCTION DOCUMENTS

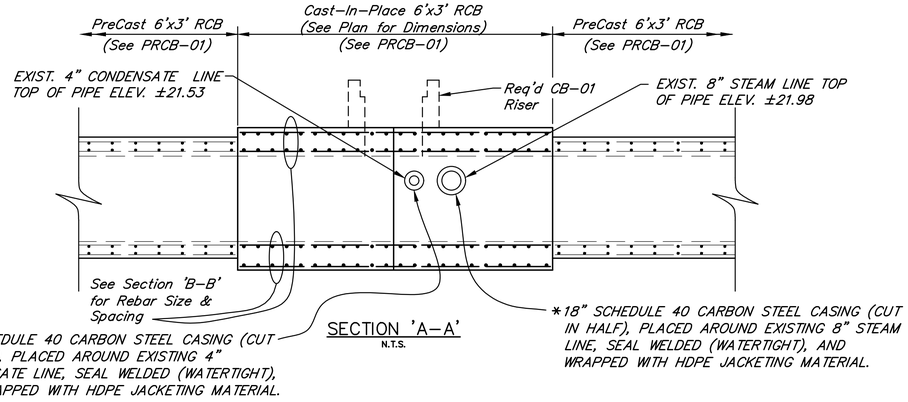


* 18" SCHEDULE 40 CARBON STEEL CASING (CUT IN HALF), PLACED AROUND EXISTING 8" STEAM LINE, SEAL WELDED (WATERTIGHT), AND WRAPPED WITH HDPE JACKETING MATERIAL.

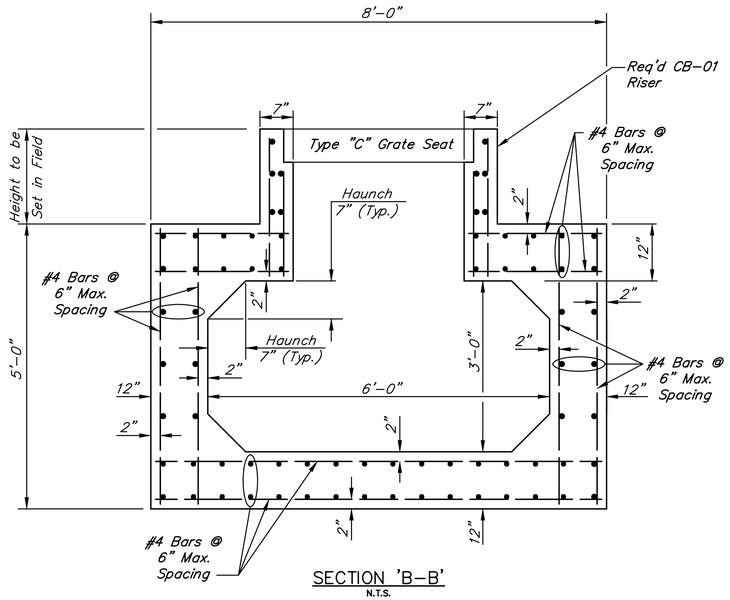
* 12" SCHEDULE 40 CARBON STEEL CASING (CUT IN HALF), PLACED AROUND EXISTING 4" CONDENSATE LINE, SEAL WELDED (WATERTIGHT), AND WRAPPED WITH HDPE JACKETING MATERIAL.

PLAN
N.T.S.

* NOTE:
JACKETING MATERIAL SHALL CONSIST OF HIGH DENSITY POLYETHYLENE (HDPE) CASING MADE FROM A POLYETHYLENE RESIN COMPOUND QUALIFIED AS TYPE III, CATEGORY 5, CLASS C CONFORMING TO ASTM D-1248.



SECTION 'A-A'
N.T.S.



SECTION 'B-B'
N.T.S.

NOTES:

1. CONSTRUCTION SPECIFICATIONS: LATEST APPROVED LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. SECTION 702 OF THE CURRENT DOTD SPECIFICATIONS SHALL APPLY.
2. ALL CONCRETE TO BE CLASS "A1".
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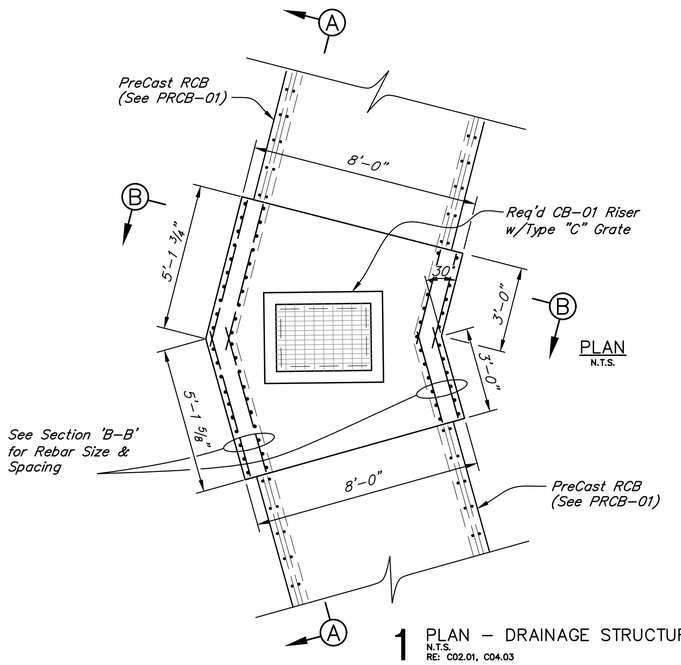

2 PLAN – DRAINAGE STRUCTURE B-5 (STEAM CONFLICT BOX)
N.T.S.
RE: C02.01, C04.03

1 PLAN – DRAINAGE STRUCTURE B-3
N.T.S.
RE: C02.01, C04.03

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
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SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DRAINAGE STR. B3 & B5 DETAILS

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

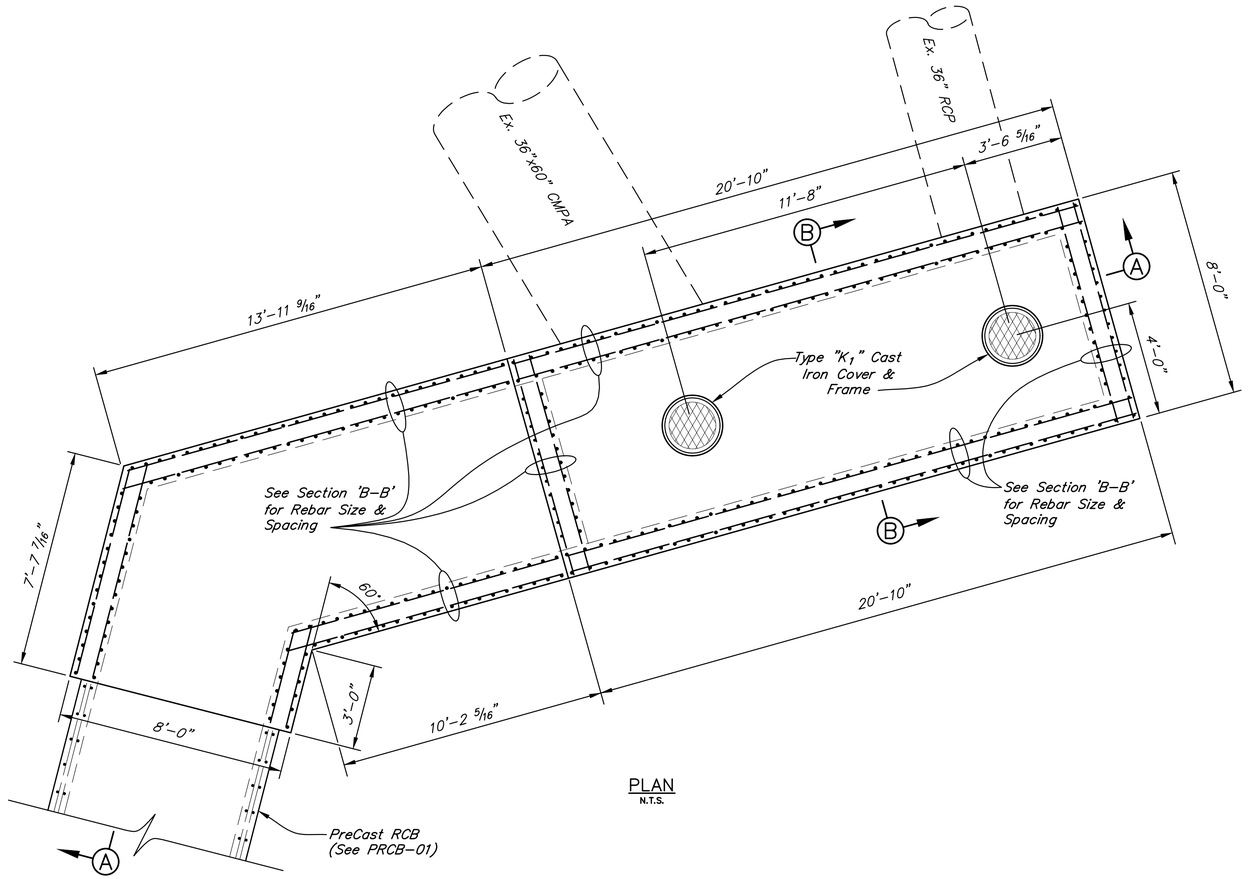
REVISIONS

NO.	DESCRIPTION	DATE

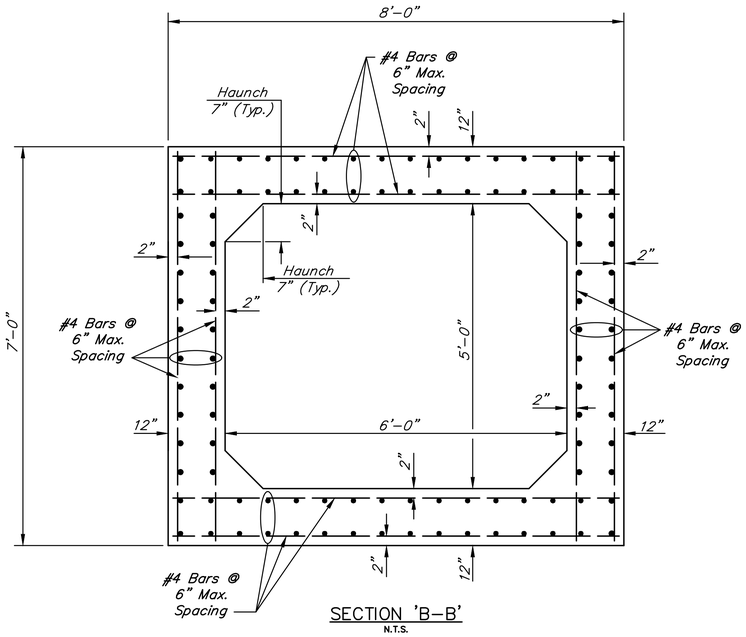
DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. **C08.05**

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-D702-CIVIL DETAILS_STRUCTURAL

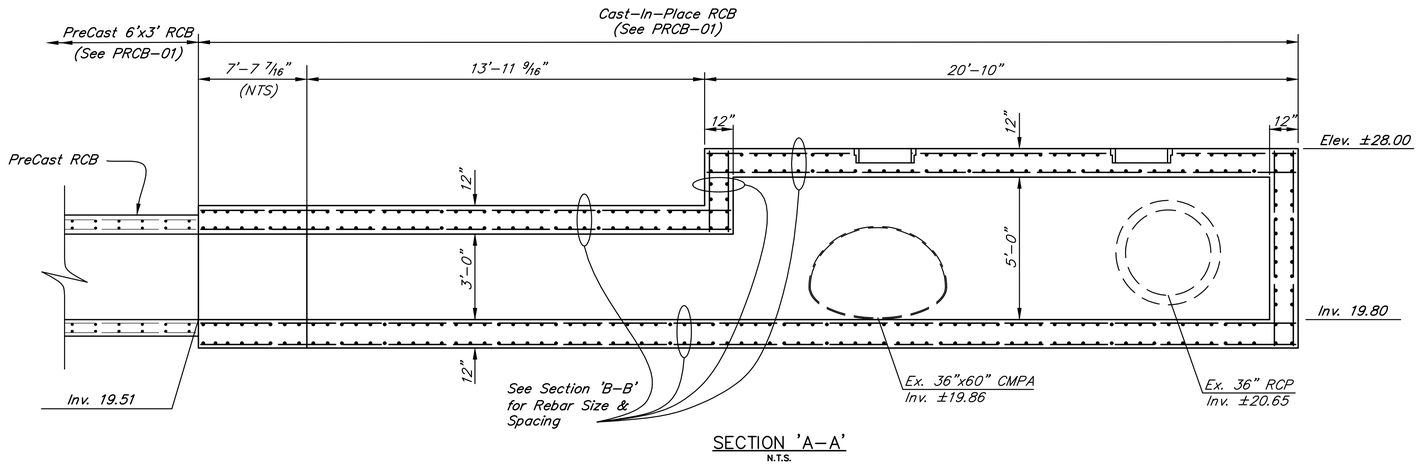
CONSTRUCTION DOCUMENTS



PLAN
N.T.S.



SECTION 'B-B'
N.T.S.



SECTION 'A-A'
N.T.S.

NOTES:

1. CONSTRUCTION SPECIFICATIONS: LATEST APPROVED LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. SECTION 702 OF THE CURRENT DOTD SPECIFICATIONS SHALL APPLY.
2. ALL CONCRETE TO BE CLASS "A1".
3. ALL EXPOSED CORNERS TO HAVE A 3/4" CHAMFER, UNLESS OTHERWISE NOTED.
4. ALL REINFORCING STEEL SHALL BE GRADE 60.
5. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS. BAR CLEARANCES ARE TO OUTSIDE OF BARS.
6. FOR CAST-IN-PLACE PORTIONS OF THE CULVERT, SEE SPECIAL DETAIL PRCB-01.
7. STEEL DRAIN GRATE TO BE GALVANIZED AFTER FABRICATION.
8. SUPPLIER OF GRATE IS TO FURNISH PRE-FITTED GRATE FRAME.
9. FOR DETAILS OF GRATE, FRAME, OR COVER, SEE STANDARD PLAN MC-01. SEE PLAN FOR TYPE OF GRATE TO BE USED.
10. VERTICAL REINFORCING STEEL MAY BE SPLICED. SPLICE LENGTH IS 35 DIAMETERS.
11. PIPE SIZE AND LOCATION VARIES. CUT REINFORCING STEEL TO CLEAR AS REQUIRED.

1 DRAINAGE STRUCTURE B-7
N.T.S.
RE: C02.01, C04.03

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DP02-CIVIL DETAILS_STRUCTURAL

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DRAINAGE STRUCTURE B7 DETAILS

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

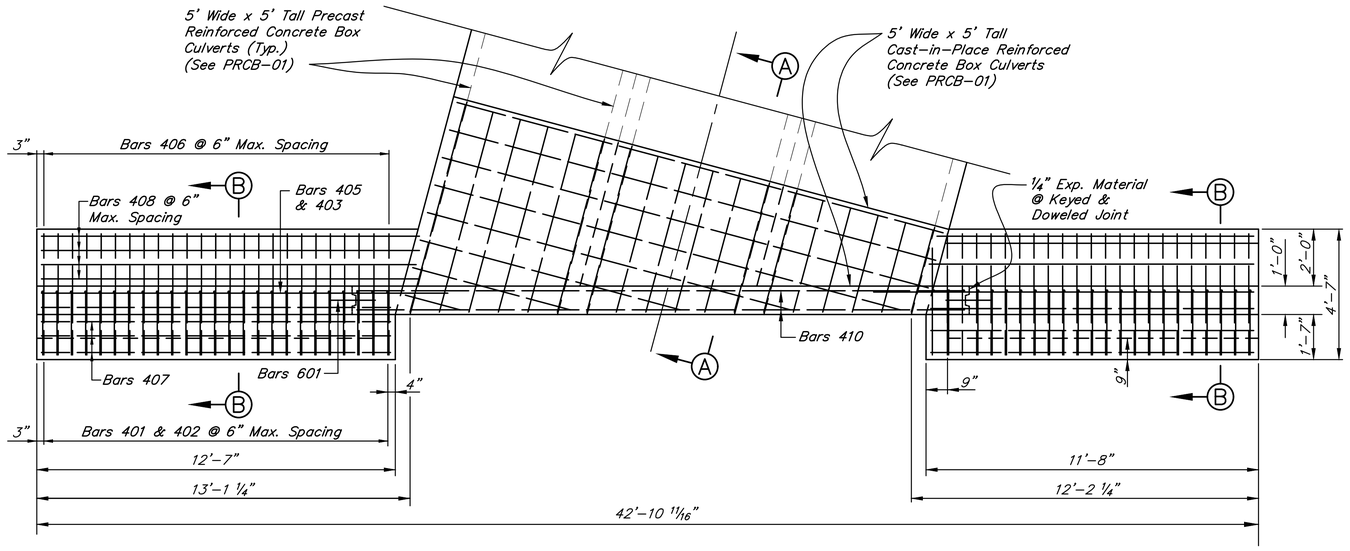
NO.	DESCRIPTION	DATE

DRAWN BY: CAT

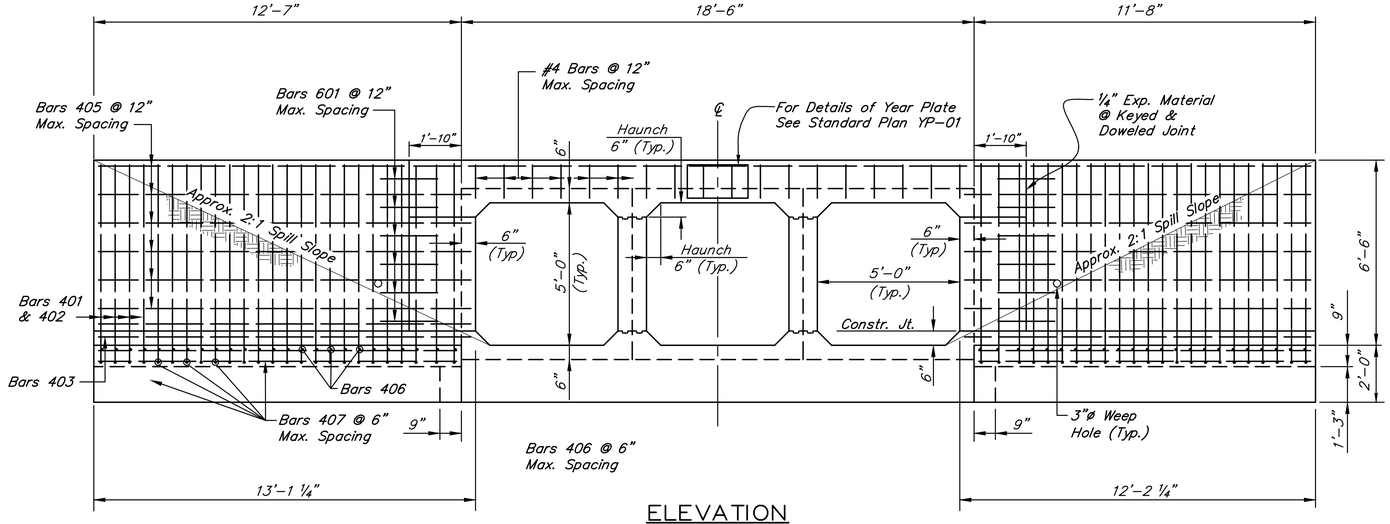
CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.
C08.06



PLAN
NOT TO SCALE

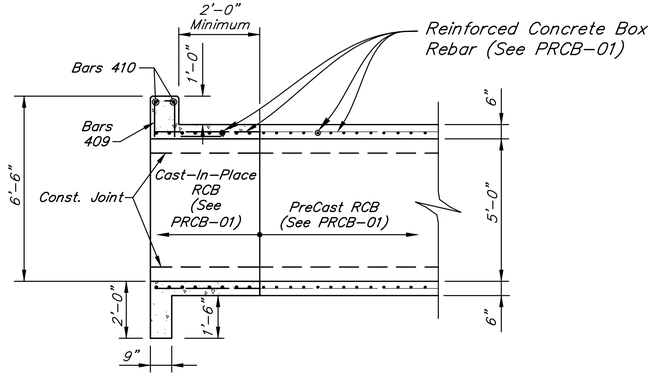


ELEVATION
NOT TO SCALE

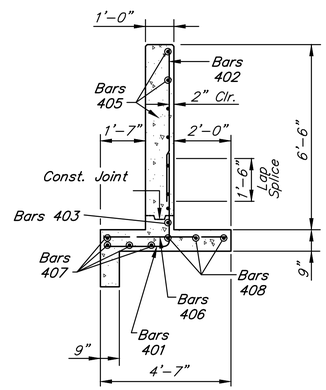
1 PLAN – 3–5'x5'x75' RCBs
N.T.S.
RE: C02.02

GENERAL NOTES:

1. CONSTRUCTION SPECIFICATIONS: LATEST APPROVED LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
2. DESIGN SPECIFICATIONS: STRUCTURAL DESIGN IS IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION (2020), LADOTD BRIDGE DESIGN AND EVALUATION MANUAL (BDEM), 8/8/2019 REVISION 9, AND LADOTD BRIDGE DESIGN TECHNICAL MEMORANDA, AS APPLICABLE. GEOMETRIC DESIGN IS IN ACCORDANCE WITH AASHTO A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, 6TH EDITION (2011), AASHTO ROADSIDE DESIGN GUIDE, 4TH EDITION (2011), AND LADOTD MINIMUM DESIGN GUIDELINES (03/06/2017).
3. LIVE LOAD: HL-93 AND LADV-11 (LOUISIANA DESIGN VEHICLE LIVE LOAD 2011).
4. ALL CONCRETE TO BE CLASS "A1".
5. ALL EXPOSED CORNERS TO HAVE A 3/4" CHAMFER, UNLESS OTHERWISE NOTED.
6. ALL REINFORCING STEEL SHALL BE GRADE 60.
7. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS.
8. FOR DETAILS OF JOINTS, SEE STANDARD PLAN CM-49.
9. A 1'-6" SQUARE OF PLASTIC FILTER CLOTH (SEE APPROVED PRODUCTS LIST) SHALL BE PLACED IN CONTACT WITH CONCRETE BEHIND EACH WEEP HOLE, IN ADDITION TO APPROX. 2 CU. FT. OF CONCRETE SAND.
10. FOR CAST-IN-PLACE PORTIONS OF THE CULVERT, SEE SPECIAL DETAIL PRCB-01.



SECTION A–A
N.T.S.



SECTION B–B
N.T.S.

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT02-CIVIL DETAILS STRUCTURAL

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - 5'x5' RCB HEADWALLS

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO.: **C08.07**

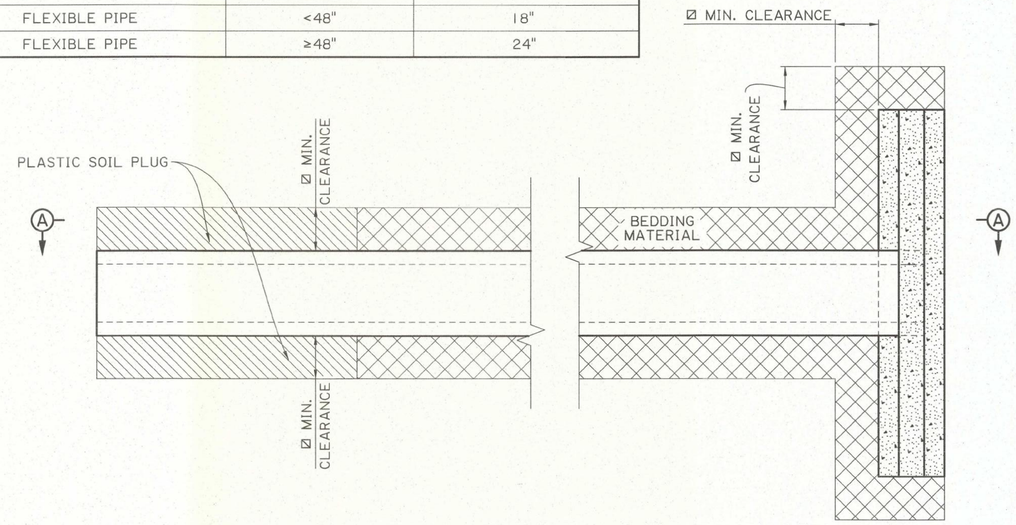
CONSTRUCTION DOCUMENTS

R:\2023\231326 – FP&C LSU Infrastructure, Renov, & Streets\7.0 CAD\Production Plan\231326C-D003-CIVIL DETAILS_Standard Plans

GENERAL NOTES :

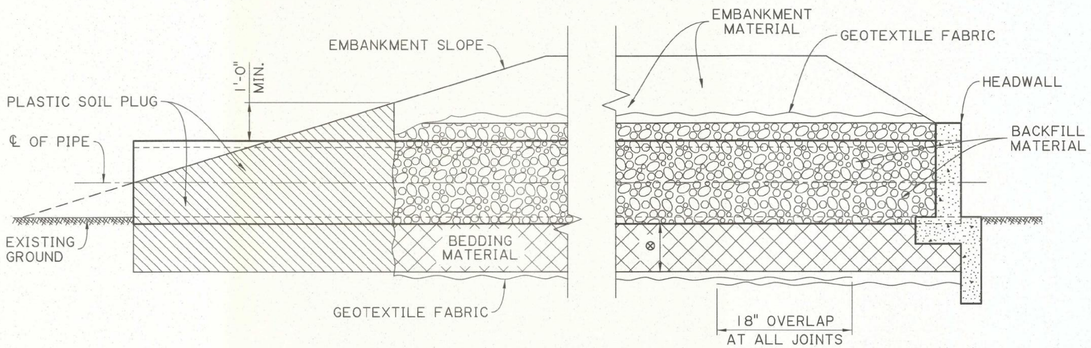
1. REINFORCED CONCRETE PIPE AND FLEXIBLE PIPE ARE SHOWN AS TYPICAL STRUCTURES. DETAILS ALSO APPLY TO REINFORCED CONCRETE BOX CULVERT, REINFORCED CONCRETE PIPE ARCH, CORRUGATED METAL PIPE ARCH, AND CORRUGATED STRUCTURAL PLATE STRUCTURES.
2. CONSTRUCTION COVER REQUIREMENTS MAY EXCEED FINAL COVER.
3. CROSS DRAIN DETAILS APPLY TO ALL REACHES OF PIPE UNDER RIGID OR FLEXIBLE ROADWAYS.
4. FOR STRUCTURES INSTALLED OUTSIDE THE LIMITS OF THE ROADWAY, THE 12" OF FINAL BACKFILL ABOVE TYPE B BACKFILL UP TO THE EXISTING GROUND SHALL BE PLASTIC SOIL BLANKET MATERIAL. IF THE EMBANKMENT TO BE INSTALLED IS GREATER THAN 12" ABOVE EXISTING GROUND IN THE AREA OVER THE STRUCTURE, THEN THE PLASTIC SOIL BLANKET IS NOT REQUIRED AND TYPE B BACKFILL MAY EXTEND TO EXISTING GROUND.

Ø MINIMUM TRENCH CLEARANCE		
TYPE OF STRUCTURE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE	ALL	18"
FLEXIBLE PIPE	<48"	18"
FLEXIBLE PIPE	≥48"	24"



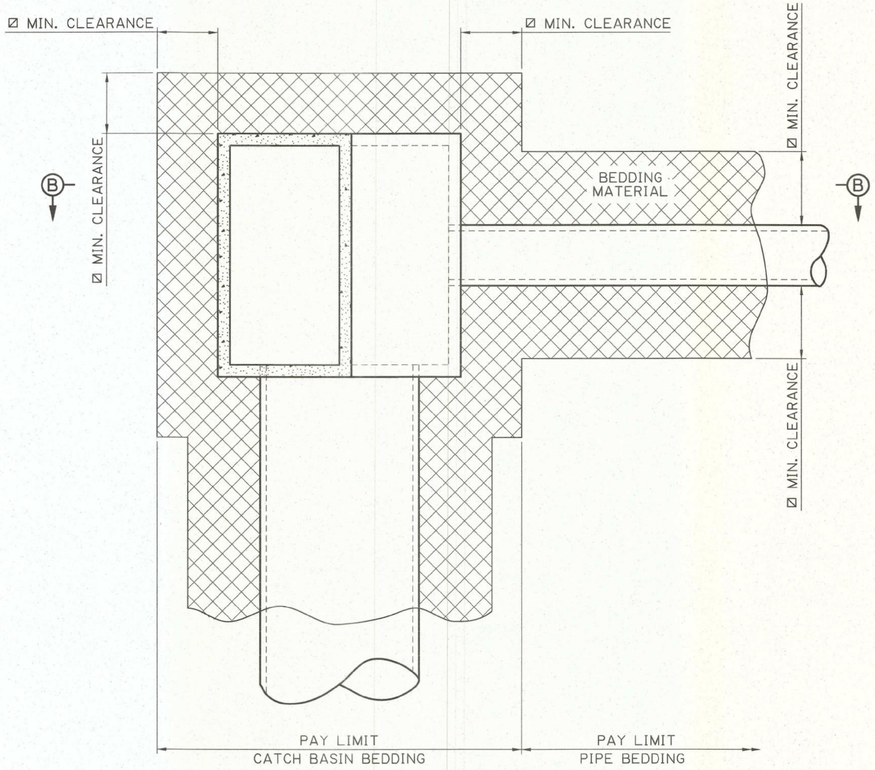
TYPICAL CROSS DRAIN INSTALLATION

WITH AND WITHOUT HEADWALL
(EMBANKMENT MATERIAL NOT SHOWN FOR CLARITY)
NTS



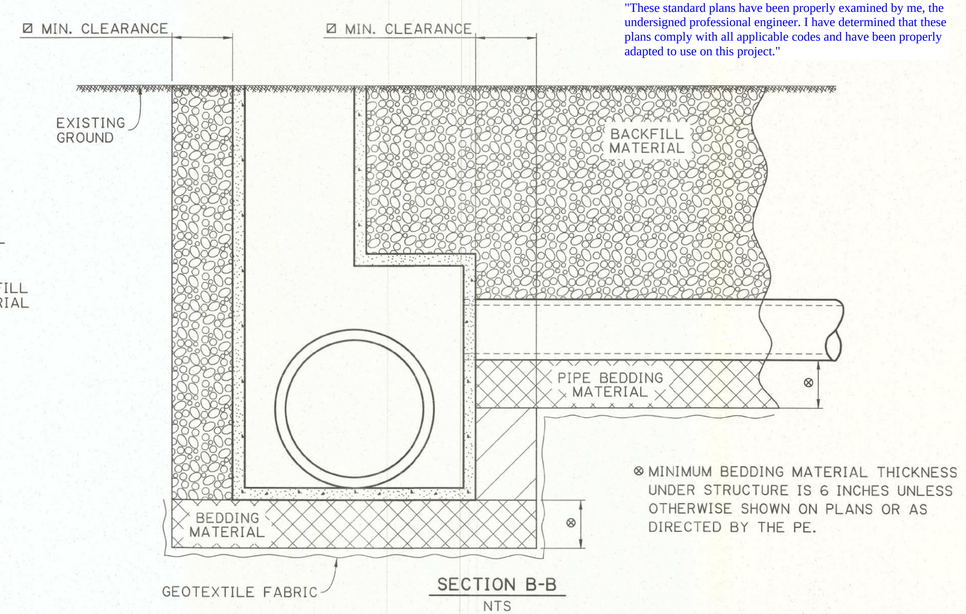
SECTION A-A

WITH AND WITHOUT HEADWALL
NTS



TYPICAL CATCH BASIN AND STORM DRAIN INSTALLATION

NTS



SECTION B-B

NTS

⊗ MINIMUM BEDDING MATERIAL THICKNESS UNDER STRUCTURE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

APPROVED BY CHIEF ENGINEER: DATE: 10/26/2023

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

DRAINAGE STRUCTURES
BEDDING & BACKFILL
BM-01
STANDARD PLAN

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
PAVEMENT & GEOTECHNICAL SERVICES

SHEET NUMBER

PARISH	CONTROL SECTION	STATE PROJECT

DESIGN	C. NICKEL
CHECK	J. RAUSER
DETAIL	L. HASTINGS
CHECK	A. NICKEL
REVIEW	C. NICKEL
SERIES #	1 OF 2

STATE OF LOUISIANA
CHRISTOPHER J. NICKEL
License No. 30572
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
10/23/2023

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN BM-01 (1 of 2)

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

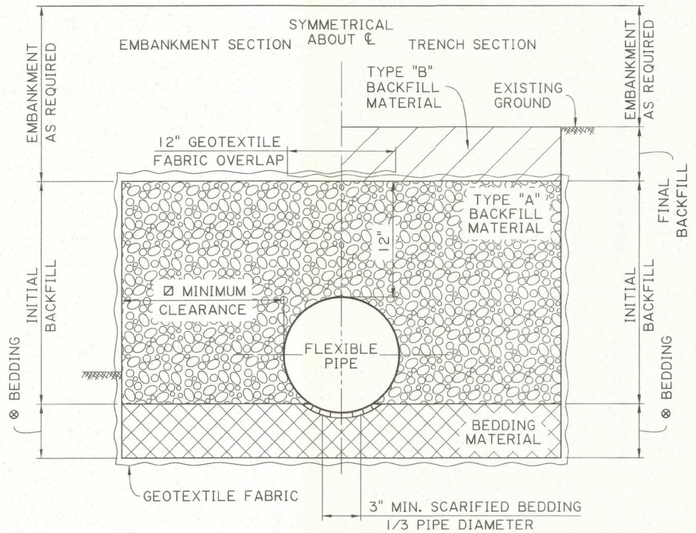
DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.08

⌀ MINIMUM TRENCH CLEARANCE		
TYPE OF STRUCTURE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE	ALL	18"
FLEXIBLE PIPE	<48"	18"
FLEXIBLE PIPE	≥48"	24"

⊗ MINIMUM BEDDING MATERIAL THICKNESS UNDER STRUCTURE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.

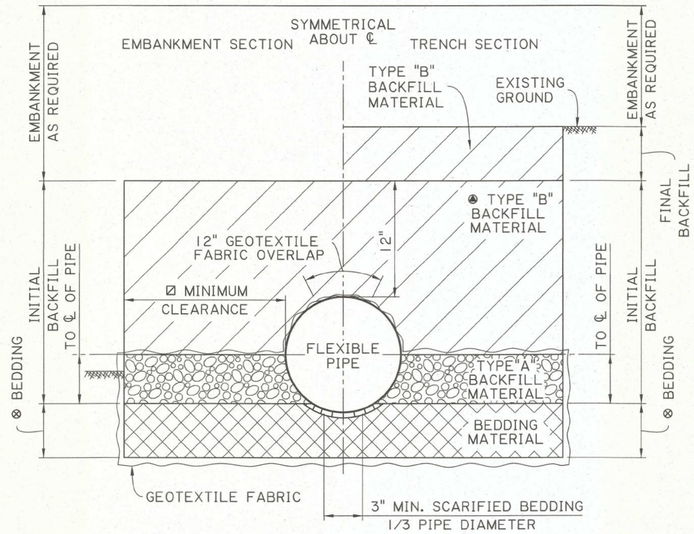
⚠ NO BEDDING MATERIAL REQUIRED UNLESS OTHERWISE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE PE.

❹ REFER TO NOTE 3 ON SHEET 1 OF THIS SERIES.



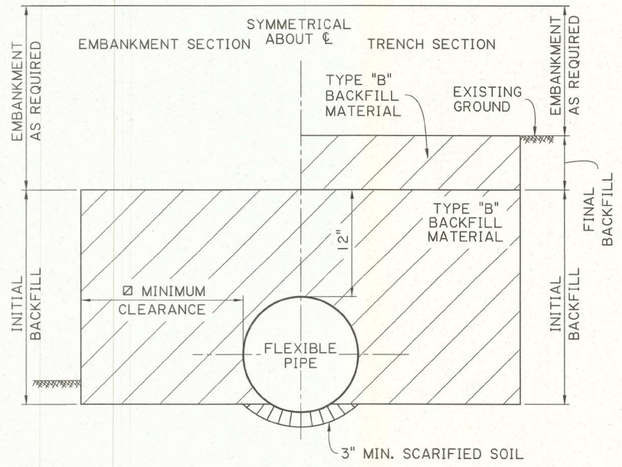
FLEXIBLE PIPE CROSS DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1½"=1'-0"



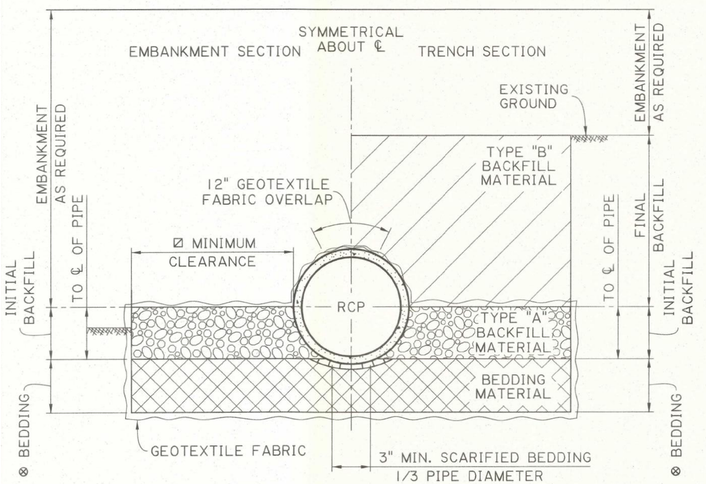
FLEXIBLE PIPE STORM DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1½"=1'-0"



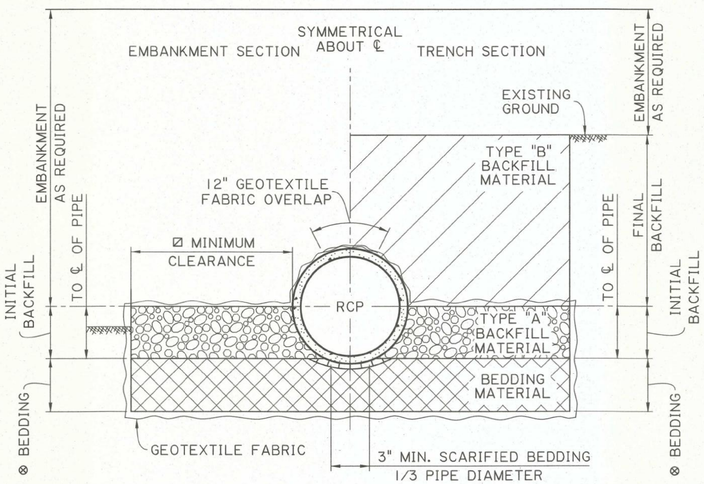
⚠ FLEXIBLE PIPE SIDE DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1½"=1'-0"



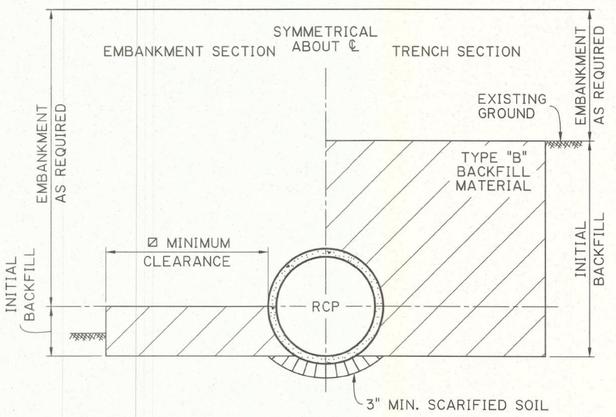
REINFORCED CONCRETE PIPE CROSS DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1½"=1'-0"



REINFORCED CONCRETE PIPE STORM DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1½"=1'-0"



⚠ REINFORCED CONCRETE PIPE SIDE DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1½"=1'-0"

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

APPROVED BY CHIEF ENGINEER: DATE: 10/26/2023

DRAINAGE STRUCTURES
TYPICAL SECTIONS FOR CROSS DRAINS & SIDE DRAINS
STANDARD PLAN BM-01

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
PAVEMENT & GEOTECHNICAL SERVICES

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2313260-DT03-CIVIL DETAILS_Standard Plans

LSU

FORTE & TABLADA

SHEET NUMBER

PARISH	CONTROL SECTION	STATE PROJECT

DESIGN	C. NICKEL
CHECK	J. RAUSER
DETAIL	L. HASTINGS
CHECK	A. NICKEL
REVIEW	C. NICKEL
SERIES #	2 OF 2

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STATE OF LOUISIANA
CHRISTOPHER J. NICKEL
License No. 30572
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
10/23/2023

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
IN
ENGINEERING
06/27/2025

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN BM-01 (2 of 2)

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

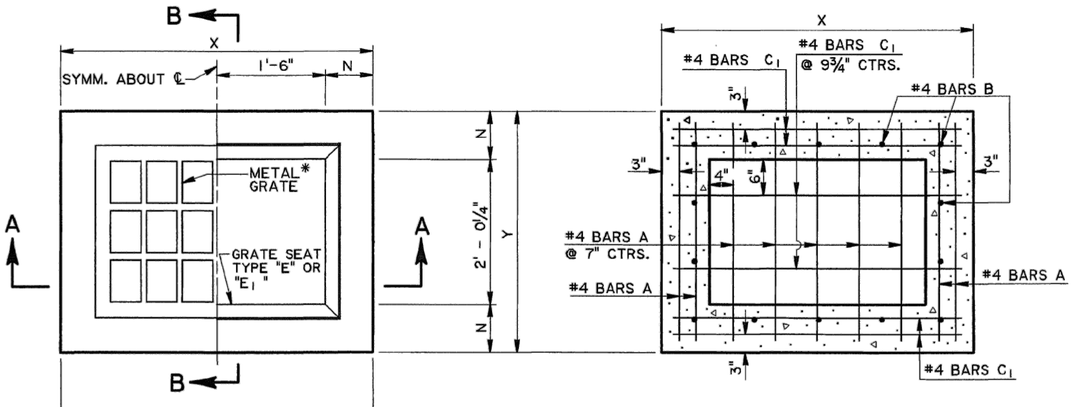
NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.
C08.09



PLAN

* GRATE TO BE TYPE "B" OR "C"
TYPE "B" SHOWN.

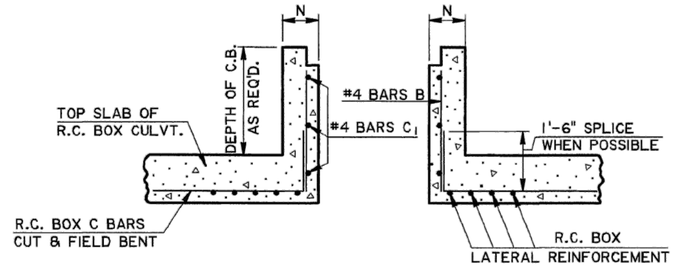
HORIZONTAL SECTION

SHOWING BOTTOM SLAB REINFORCING STEEL

NOTE: TYPE "B" GRATE TO BE USED WHERE NO PEDESTRIAN TRAFFIC IS EXPECTED.

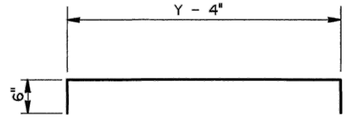
TYPE "C" GRATE TO BE USED WHERE PEDESTRIAN TRAFFIC IS EXPECTED.

DIMENSIONS			
DEPTH OF BASIN	N	X	Y
FT.	IN.	FT.- IN.	FT.- IN.
0 - 8	7	4-2	3-2¼
8.1 - 12	8	4-4	3-4¼

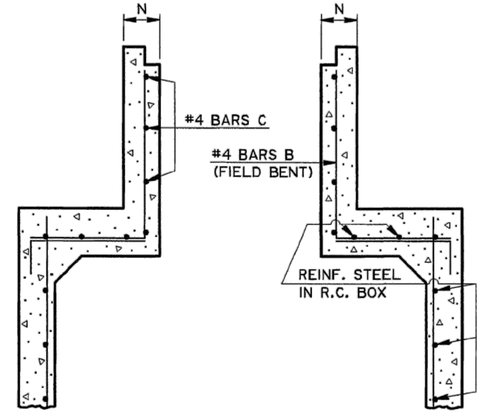


LONGITUDINAL SECTION

SHOWING CATCH BASIN
USED WITH R.C. BOX CULVERT.

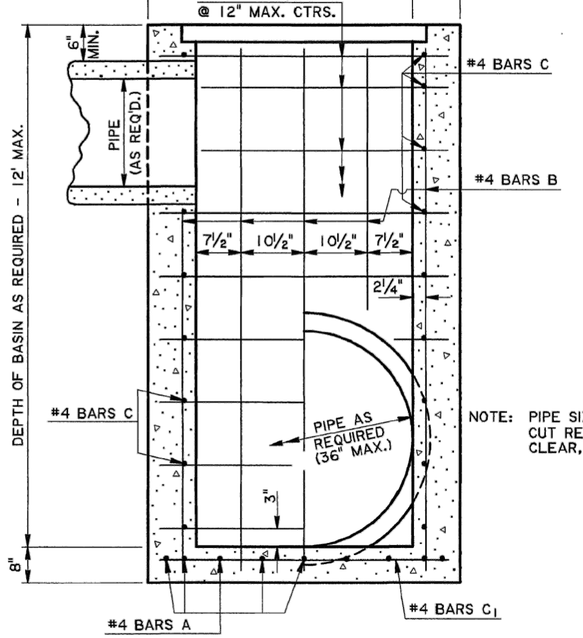


#4 BARS A



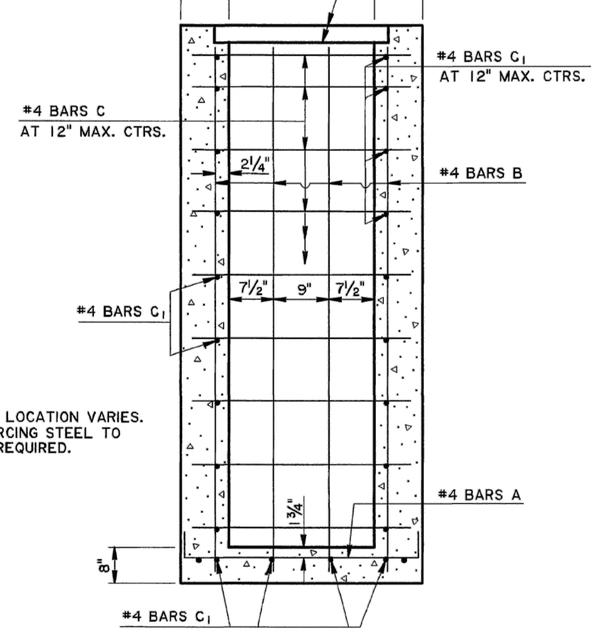
TRANSVERSE SECTION

SHOWING CATCH BASIN
USED WITH R.C. BOX CULVERT.



SECTION A-A

NOTE: PIPE SIZE & LOCATION VARIES. CUT REINFORCING STEEL TO CLEAR, AS REQUIRED.



SECTION B-B

GENERAL NOTES:

SECTION 702 OF THE CURRENT DOTD STANDARD SPECIFICATIONS SHALL APPLY.

DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS.

VERTICAL REINFORCING STEEL MAY BE SPLICED. SPLICE LENGTH IS 35 DIAMETERS.

FOR DETAILS OF GRATE AND SEAT, SEE STD. PLAN MC-01 (TYPE B or C).

SEE PLANS FOR TYPE OF GRATE TO BE USED FOR EACH CATCH BASIN.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

DESIGNED PAA
DETAILED KAJ
CHECKED WMR
DATE SHEET 1-31-97 1 OF 1
DATE: 11-2-98

BY	DATE	REVISION DESCRIPTION
JCM	11-2-00	Converted Metric CB-01M to English CB-01

APPROVED BY CHIEF ENGINEER: [signature]

CONCRETE OPEN TOP CATCH BASIN
Max. Pipe: 36" x 24"
Max. Depth: 12'
To Be Used In Conjunction With Std. Plan MC-01
STANDARD PLAN CB-01

HYDRAULICS SECTION

LSU
FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN CB-01

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
[signature]
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

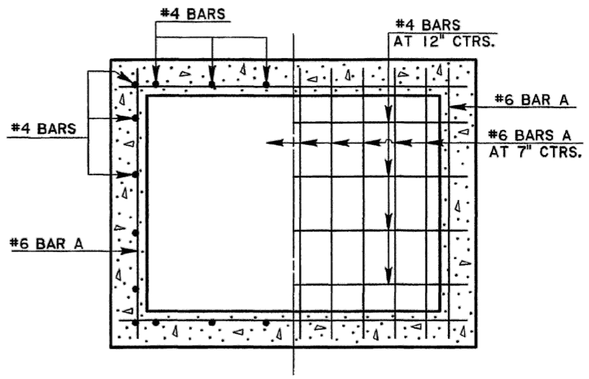
NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.10

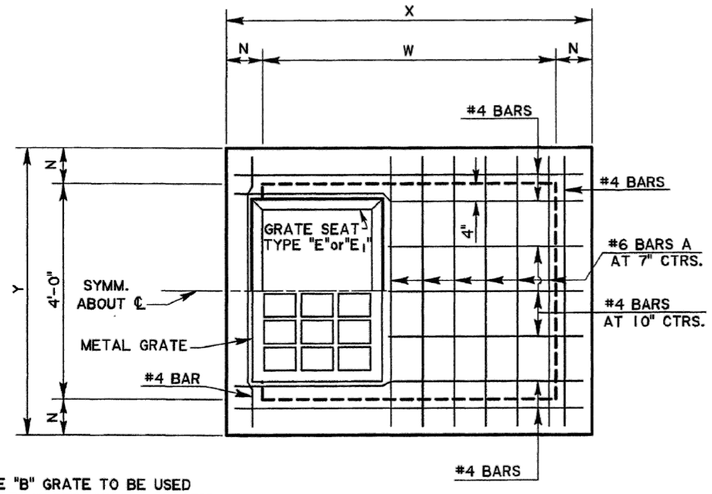
CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326c-D103-CIVIL DETAILS_Standard Plans

CONSTRUCTION DOCUMENTS



SECTIONAL PLAN
(SHOWING BOTTOM SLAB & WALLS)



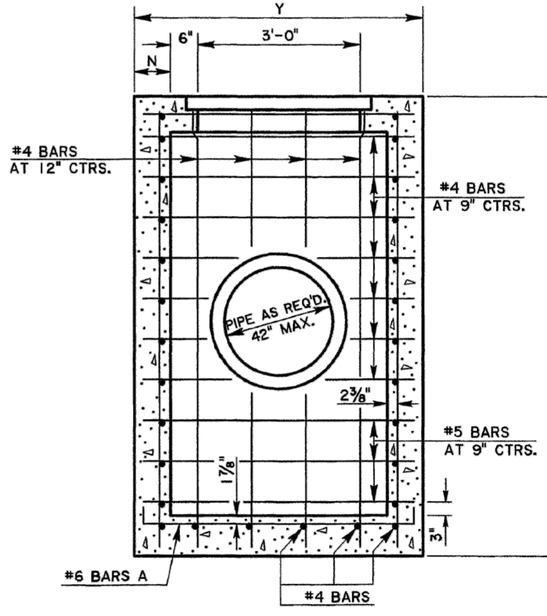
NOTE: TYPE "B" GRATE TO BE USED WHERE NO PEDESTRIAN TRAFFIC IS EXPECTED.

TYPE "C" GRATE TO BE USED WHERE PEDESTRIAN TRAFFIC IS EXPECTED.

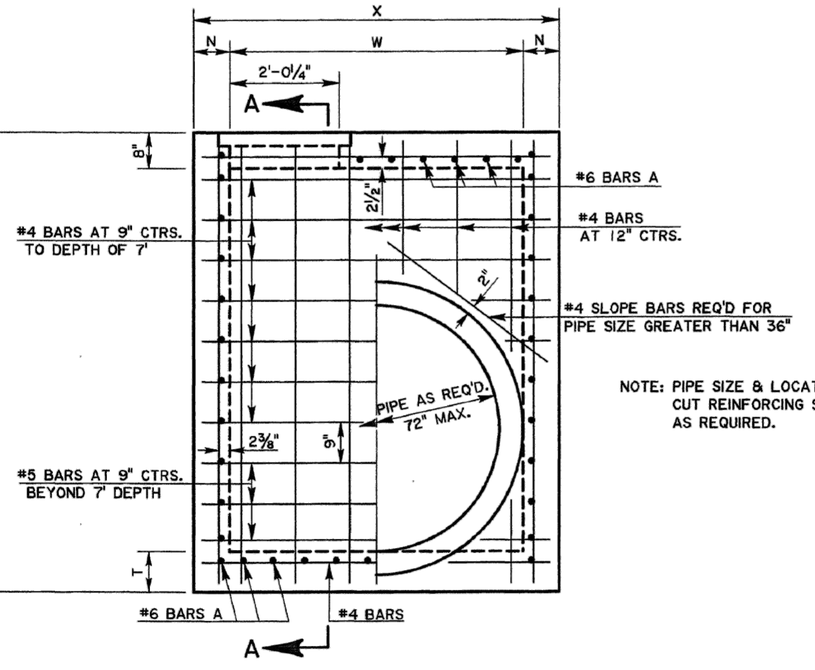
PLAN
GRATE TO BE TYPE "B" or "C".
TYPE "B" SHOWN.

DIMENSIONS										
TRUNK PIPE	DEPTH TO 8'					DEPTH 8' TO 12'				
	N	T	W	X	Y	N	T	W	X	Y
INCH	INCH	INCH	FT-IN	FT-IN	FT-IN	INCH	INCH	FT-IN	FT-IN	FT-IN
42	7	9	4-3	5-5	5-2	8	9	4-3	5-7	5-4
48	7	9	4-10	6-0	5-2	8	9	4-10	6-2	5-4
54	7	9	5-5	6-7	5-2	8	9	5-5	6-9	5-4
60	7	10	6-0	7-2	5-2	8	10	6-0	7-4	5-4
66	7	10	6-7	7-9	5-2	8	10	6-7	7-11	5-4
72	7	10	7-2	8-4	5-2	8	10	7-2	8-6	5-4

NOTE: X AND W DIMENSIONS MAY BE VARIED FOR SKEWED PIPE, BUT W SHALL NOT EXCEED 7'-2".

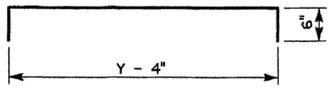


SECTION A-A



ELEVATION

NOTE: PIPE SIZE & LOCATION VARIES. CUT REINFORCING STEEL TO CLEAR, AS REQUIRED.



#6 BARS A
(4½" Diam. Pin)

GENERAL NOTES:

SECTION 702 OF THE CURRENT DOTD STANDARD SPECIFICATIONS SHALL APPLY.

DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS.

VERTICAL REINFORCING STEEL MAY BE SPLICED. SPLICE LENGTH IS 35 DIAMETERS.

FOR DETAILS OF GRATE AND SEAT, SEE STD. PLAN MC-01 (TYPE B or C).

SEE PLANS FOR TYPE OF GRATE TO BE USED FOR EACH CATCH BASIN.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

SHEET NUMBER

PARISH

FEDERAL PROJECT

STATE PROJECT

DESIGNED PAA
CHECKED

DETAILED KAJ
CHECKED WMR

DATE SHEET 1-31-97
1 OF 1

DATE 11-2-00 | BY JCM | REVISION DESCRIPTION: Converted Metric CB-02M to English CB-02

APPROVED BY CHIEF ENGINEER:

DATE: 11-2-00

CONCRETE OPEN TOP CATCH BASIN
Max. Pipes: 72" x 42"
Max. Depth: 12'
To Be Used in Conjunction With Std. Plan MC-01
STANDARD PLAN CB-02

HYDRAULICS SECTION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN CB-02

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

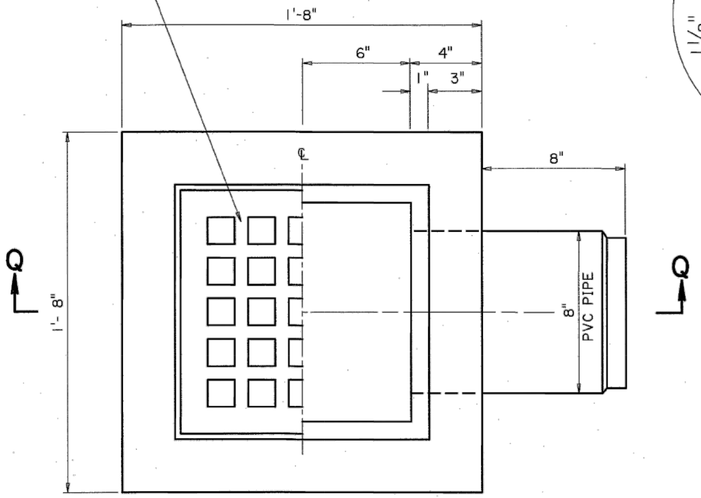
SHEET NO.
C08.11

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT03-CIVIL DETAILS_Standard Plans

CONSTRUCTION DOCUMENTS

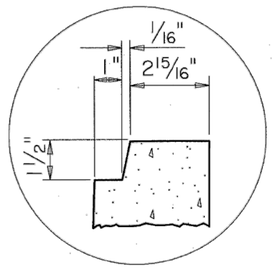
R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DP03-CIVIL DETAILS_Standard Plans

FOR DETAILS OF CAST IRON GRATE, SEE STD. PLAN MC-01, TYPE D.



PLAN

WEIGHT APPROX. 460 LBS PLUS GRATE
RIGHT HALF OF GRATE NOT SHOWN FOR CLARITY



INSET A

(TYPICAL)

NOTE:

STANDARD PLAN MC-01 (DETAILS OF GRATES, FRAMES, SEATS LIDS, ETC.), MAY BE OBTAINED FROM:

HYDRAULICS & STANDARD PLANS
DEPARTMENT OF TRANSPORTION
AND DEVELOPMENT
P.O. BOX 94245
CAPITOL STATION
BATON ROUGE, LA 70804

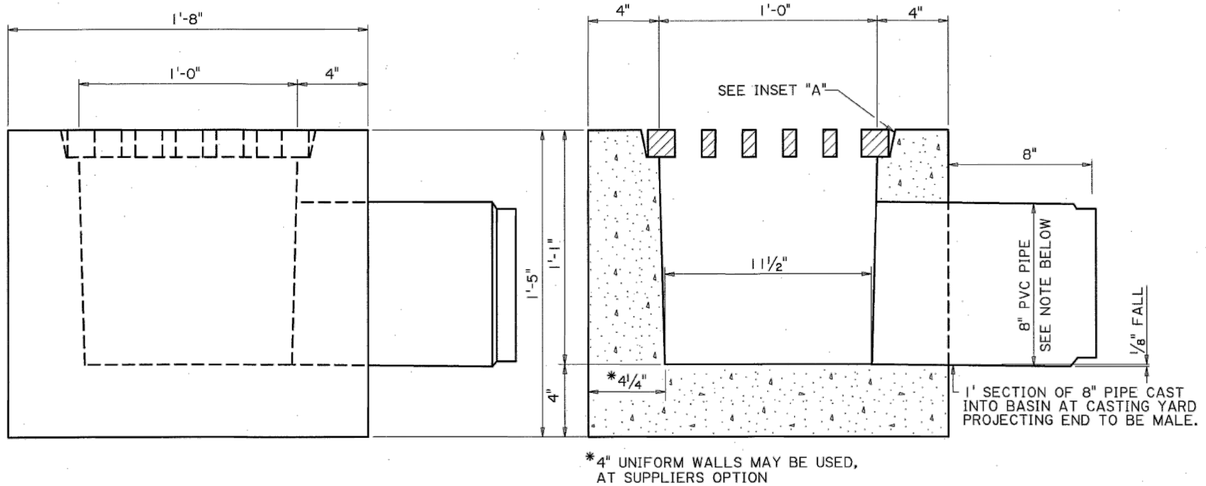
PRECAST OPTION

NOTES:

CONCRETE TO BE CLASS A1.

CATCH BASIN TO BE SUPPLIED COMPLETE, INCLUDING C.I. GRATE.

THE CATCH BASIN SUPPLIER SHALL BE RESPONSIBLE FOR SELECTION AND PLACEMENT OF ANY PICK-UP AND HANDLING DEVICES. SETTING TOLERANCE TO BE +0 & -1".



*4" UNIFORM WALLS MAY BE USED, AT SUPPLIERS OPTION

AN 8" RESILIENT BOOT CONNECTOR (SUCH AS A-LOK, Z-LOK OR QUIK-LOK) IS ALLOWED AS AN ALTERNATE TO CAST-IN-PLACE PIPE DETAIL

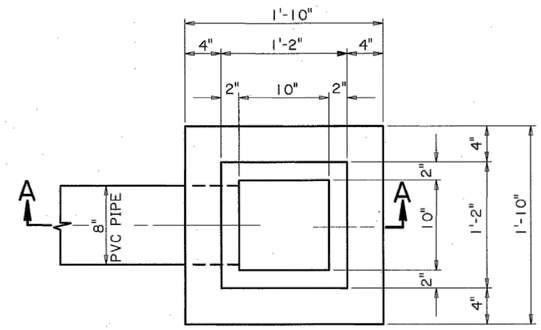
ELEVATION

SECTION Q-Q

NOT TO BE USED WHERE SUBJECT TO VEHICULAR TRAFFIC

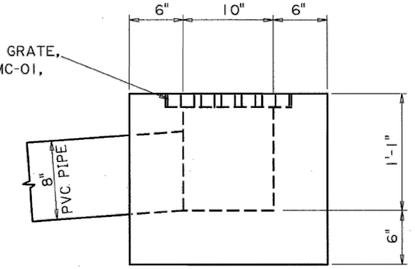
CAST-IN-PLACE OPTION

CLASS "M" CONCRETE



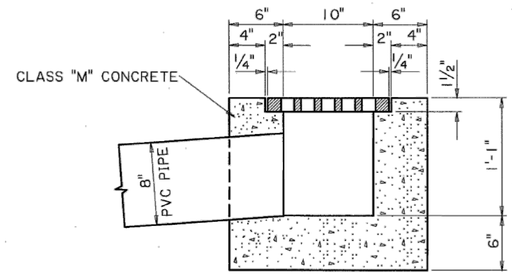
PLAN

GRATE NOT SHOWN



ELEVATION

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."



SECTION A-A

NOT TO BE USED WHERE SUBJECT TO VEHICULAR TRAFFIC

SHEET NUMBER

PARISH	CONTROL SECTION	STATE PROJECT

DESIGN	CDJ	DETAIL	TL	REVIEW	5-17-17
CHECK	JCM	CHECK	MH	SERIES #	1 OF 1

STATE OF LOUISIANA
MITRA HASHEMIEH
REG. No. 28546
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
2/5/2019

APPROVED BY CHIEF ENGINEER: DATE: 2/6/2019

"GREAT SEAL OF THE STATE OF LOUISIANA" MAGNOLIA BLOSSOMS CONFIDENCE 1812

CONCRETE CATCH BASIN
YARD DRAIN TYPE - PRECAST OR CAST-IN-PLACE MAX. PIPE: 8"
To be used in conjunction with Std. Plan MC-01

STANDARD PLAN CB-05

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

HYDRAULICS SECTION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN CB-05

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

1"

REVISIONS

NO.	DESCRIPTION	DATE

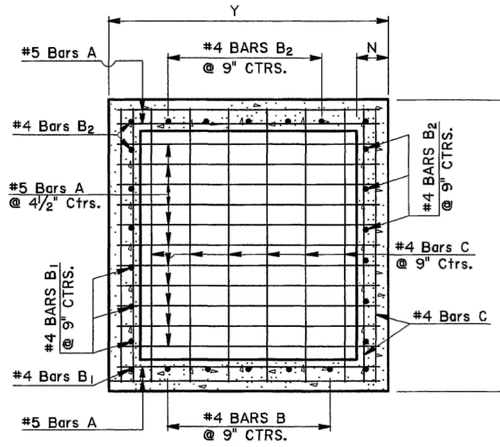
DRAWN BY: CAT

CHECKED BY: ABH

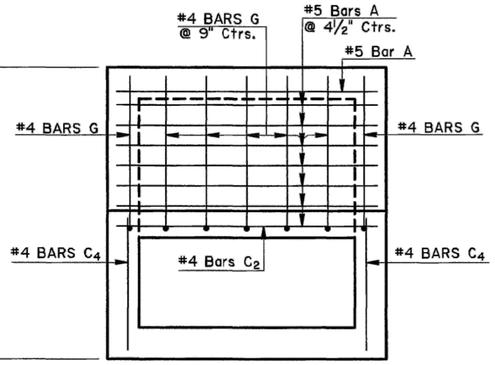
DATE: 06/27/2025

SHEET NO.

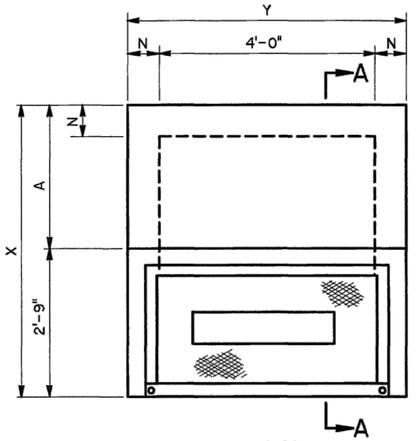
C08.12



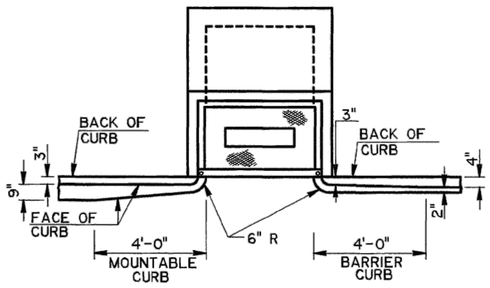
SECTION
SHOWING BOTTOM SLAB REINFORCING STEEL



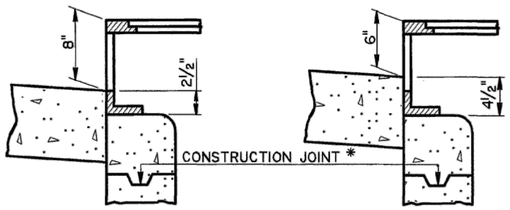
PLAN
SHOWING TOP SLAB REINFORCING STEEL



PLAN
FOR DETAILS OF METAL GRATE AND COVER, SEE STD. PLAN MC-01, TYPE "H".



TRANSITION IN CURB WIDTH
(TYPICAL)

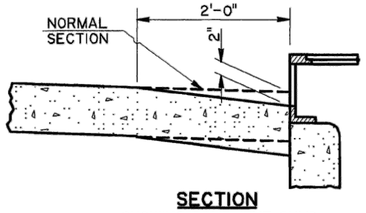


INLET CONFIGURATION

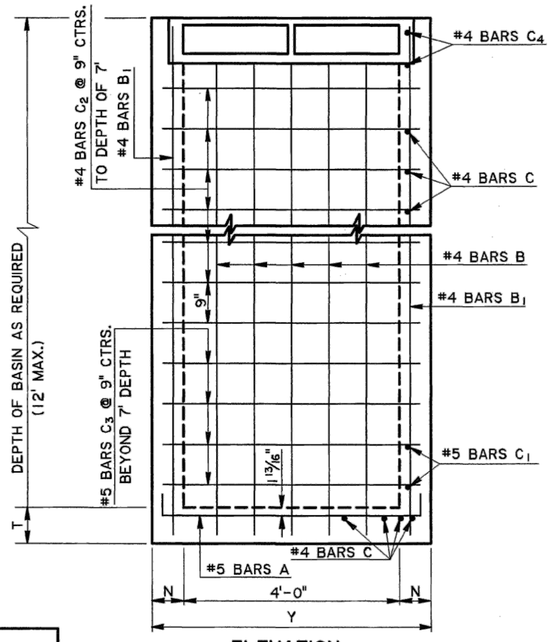
WHEN USED WITH 6" BARRIER CURB

WHEN USED WITH 4" MOUNTABLE CURB

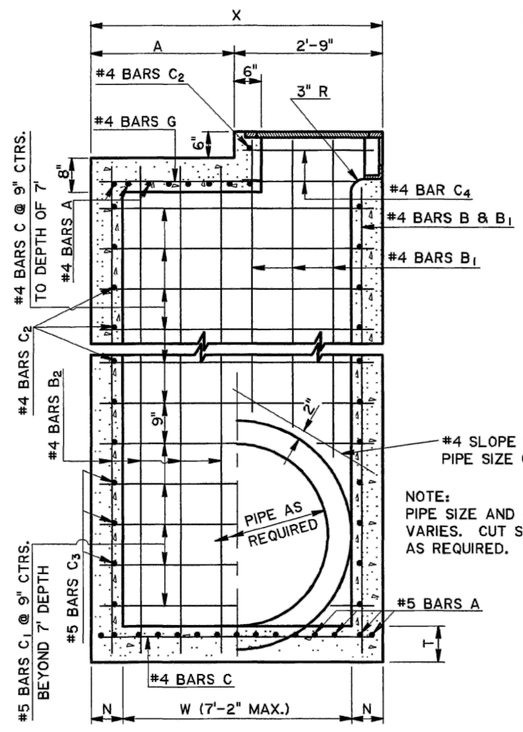
*NOTE:
THE BASIN SHALL NOT BE CONSTRUCTED ABOVE BOTTOM OF PAVEMENT ELEVATION UNTIL THE PAVING ADJACENT TO THE BASIN IS IN PLACE.



SECTION
SHOWING PAVEMENT SUMP TYPICAL

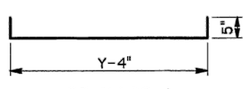


ELEVATION

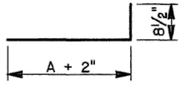


SECTION A-A

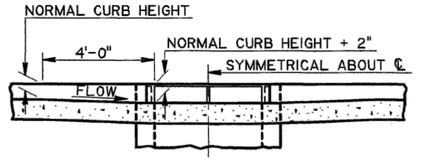
NOTE:
PIPE SIZE AND LOCATION VARIES. CUT STEEL TO CLEAR AS REQUIRED.



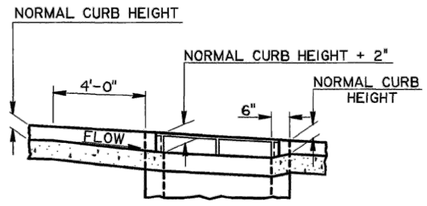
#5 BARS A



#4 BARS G



TRANSITION IN CURB HEIGHT
CATCH BASIN AT LOW POINT



TRANSITION IN CURB HEIGHT
CATCH BASIN ON A GRADE

CONCRETE CATCH BASIN

PIPE DIA. ①	W ②	T	DEPTH LESS THAN 8'				DEPTH FROM 8' TO 12'			
			X	Y	N	A	X	Y	N	A
In	Ft-In	In	Ft-In	Ft-In	In	Ft-In	Ft-In	Ft-In	In	Ft-In
15 to 24	2-6	8	3-8	5-2	7	0-11	3-10	5-4	8	1-1
30	3-1	8	4-3	5-2	7	1-6	4-5	5-4	8	1-8
36	3-8	8	4-10	5-2	7	2-1	5-0	5-4	8	2-3
42	4-3	8	5-5	5-2	7	2-8	5-7	5-4	8	2-10
48	4-10	8	6-0	5-2	7	3-3	6-2	5-4	8	3-5
54	5-5	9	6-7	5-2	7	3-10	6-9	5-4	8	4-0
60	6-0	9	7-2	5-2	7	4-5	7-4	5-4	8	4-7
72	7-2	9	8-4	5-2	7	5-7	8-6	5-4	8	5-9

① REFERS TO SIDEWALL PIPE OR "TRUNKLINE". FRONTWALL OR "CROSSING PIPE" MAY NOT EXCEED 42".

② W AND X DIMENSIONS MAY BE VARIED FOR SKEWED PIPE, BUT W SHALL NOT EXCEED 7'-2".

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. C08.13

CONCRETE CATCH BASIN
CURB OPENING
4" MOUNTABLE OR 6" BARRIER CURB
MAX. PIPES: 42" X 72", MAX. DEPTH: 12'
STANDARD PLAN CB-06

HYDRAULICS SECTION

SHEET NUMBER

PARISH	FEDERAL PROJECT	STATE PROJECT
CDJ HJB	KAJ WMR	1-31-97 1 OF 1
DESIGNED CHECKED	DETAILED CHECKED	DATE SHEET

BY	REVISION DESCRIPTION	DATE
JCM	Converted Metric CB-06M to English CB-06	11-2-00

APPROVED BY CHIEF ENGINEER: [signature] DATE: 11-2-00

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
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ENVIRONMENTAL - ASBESTOS:
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COVINGTON, LA 70433

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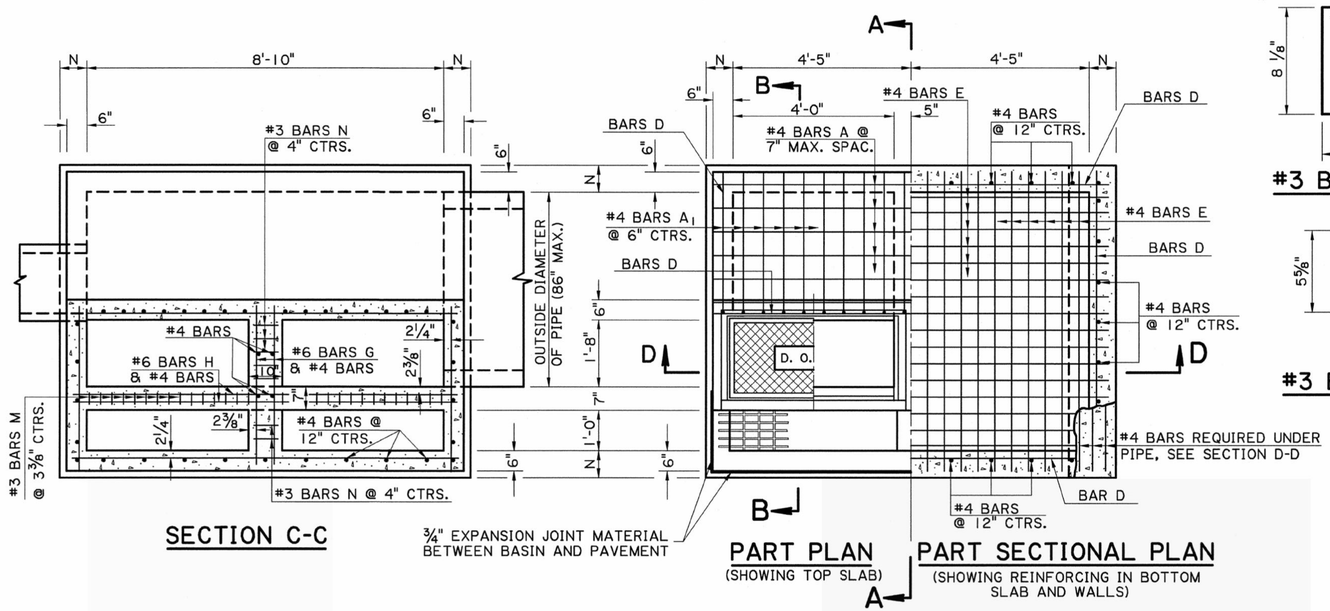
STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN CB-06

CONSTRUCTION DOCUMENTS

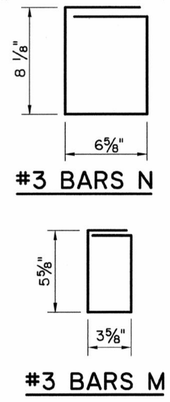
R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326-0003-CIVIL DETAILS_Standard Plans



SECTION C-C

PART PLAN
(SHOWING TOP SLAB)

PART SECTIONAL PLAN
(SHOWING REINFORCING IN BOTTOM
SLAB AND WALLS)

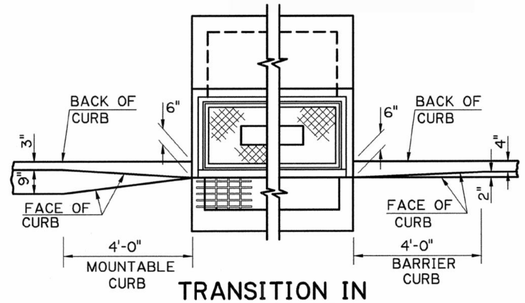


GENERAL NOTES:

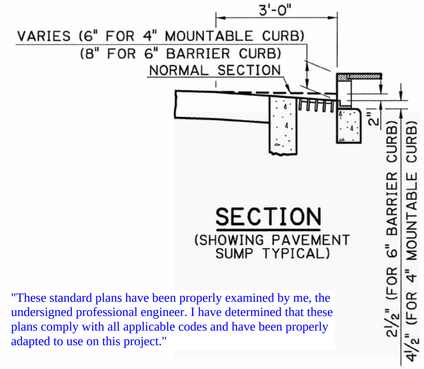
1. CATCH BASIN IS DESIGNED ACCORDING TO 4TH ED. 2007 AASHTO LRFD PROCEDURES. SECTION 702 OF THE DOTD STANDARD SPECIFICATIONS SHALL APPLY.
2. CONCRETE: ALL CONCRETE SHALL BE CLASS "M" MINOR STRUCTURE. ALL EXPOSED EDGES SHALL BE CHAMFERED ¾ IN. EXCEPT AS NOTED.
3. REINFORCING STEEL: REINFORCING STEEL SHALL BE GRADE 60. DIMENSIONS ARE TO BAR CENTERS. MINIMUM COVER FOR REINFORCING BARS SHALL BE 2 IN. CLEAR UNLESS SHOWN OTHERWISE.
4. AS DEPTH INCREASES THE WALL AND SLAB THICKNESSES AND REINFORCEMENT SHOULD BE INCREASED AS SHOWN IN THE TABLE BELOW. THE CONTRACTOR HAS THE OPTION TO PROVIDE THE MAXIMUM REQUIRED WALL THICKNESS FOR THE FULL DEPTH OF THE STRUCTURE.

DEPTH RANGE	WALLS			BOTTOM SLAB		
	N	D BARS		T	E BARS	
	IN.	SIZE	SPAC.,IN.	IN.	SIZE	SPAC.,IN.
0' TO 7'	6.0	4	4.5	6.0	4	7.5
7'-1" TO 11'	7.0	4	5.0	6.5	4	5.5
11'-1" TO 18'	8.0	5	5.5	7.5	4	4.5
18'-1" TO 20'	8.5	5	5.5	8.0	4	4.0

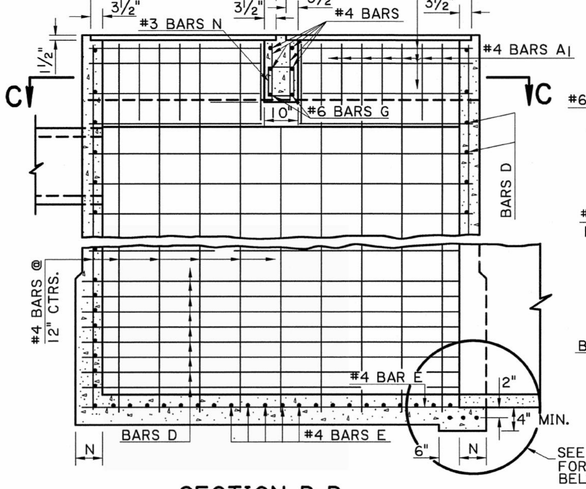
5. FOR DETAILS OF METAL COVER, FRAME, AND GRATE, SEE STD. PLAN MC-01, TYPE H & TYPE I.
6. THE CONTRACTOR WILL NOT POUR ABOVE THE BOTTOM OF THE SLAB UNTIL THE PAVING ADJACENT TO THE CATCH BASIN HAS BEEN COMPLETED.



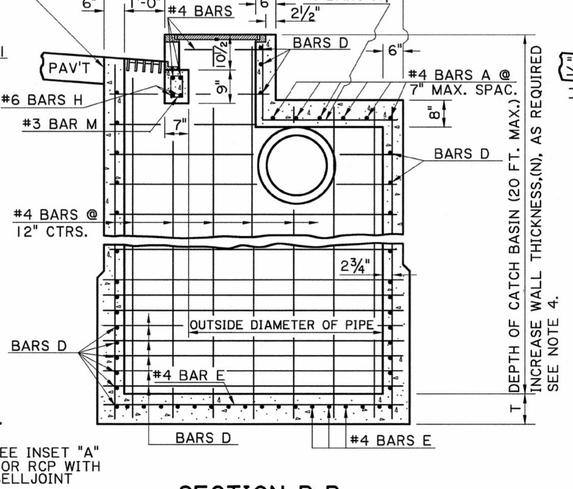
TRANSITION IN
CURB WIDTH
(TYPICAL)



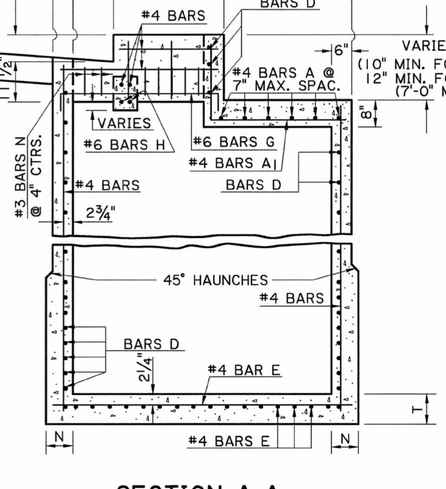
SECTION
(SHOWING PAVEMENT
SUMP TYPICAL)



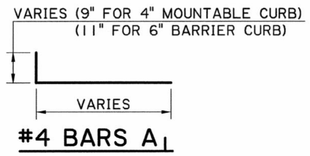
SECTION D-D



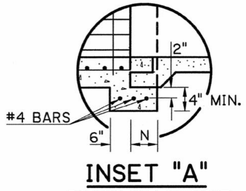
SECTION B-B



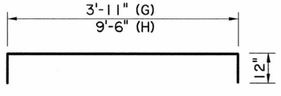
SECTION A-A
SHOWING MOUNTABLE CURB



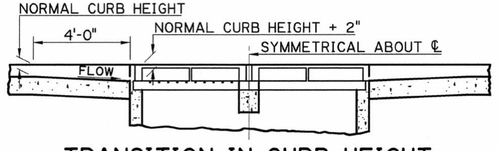
#4 BARS A1



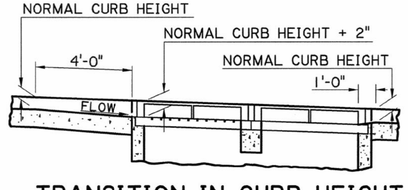
INSET "A"
RCP WITH BELLJOINT



#6 BARS G & H



TRANSITION IN CURB HEIGHT
CATCH BASIN AT LOW POINT



TRANSITION IN CURB HEIGHT
CATCH BASIN ON A GRADE

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

ADRIAN B. HOLMES
License No. 27452
REGISTERED
PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS

NO.	DESCRIPTION	DATE

CONCRETE CATCH BASIN
DOUBLE COMBINATION TYPE
4' Mountable Or 6" Barrier Curb
Max. Pipes: 72"x 84" RCP, Max. Depth: 20'
STANDARD PLAN CB-08

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.14
HYDRAULICS SECTION

SHEET NUMBER		
PARISH	FEDERAL PROJECT	STATE PROJECT
DESIGNED PAA	DETAILED KAJ	DATE 7-16-97
CHECKED	CHECKED WMR	SHEET 1 OF 1

DATE	REVISION DESCRIPTION	BY
10-7-10	Revised To 2007 AASHTO LRFD Procedures	MH
11-2-00	Converted Metric CB-08M to English CB-08	JCM

DATE: 10-7-10
APPROVED BY CHIEF ENGINEER:

LSU
FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE
ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

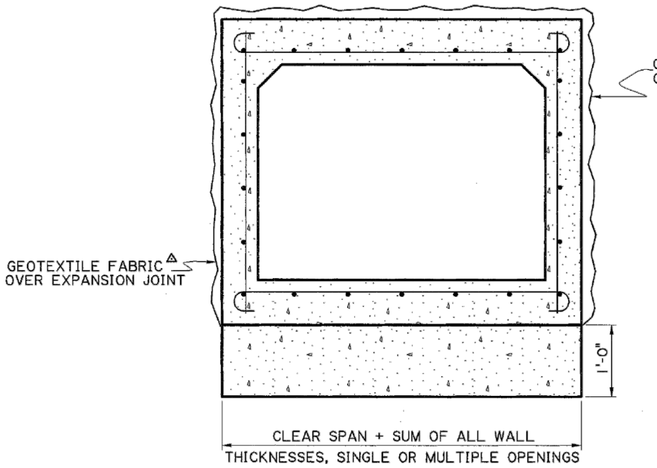
GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND
TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

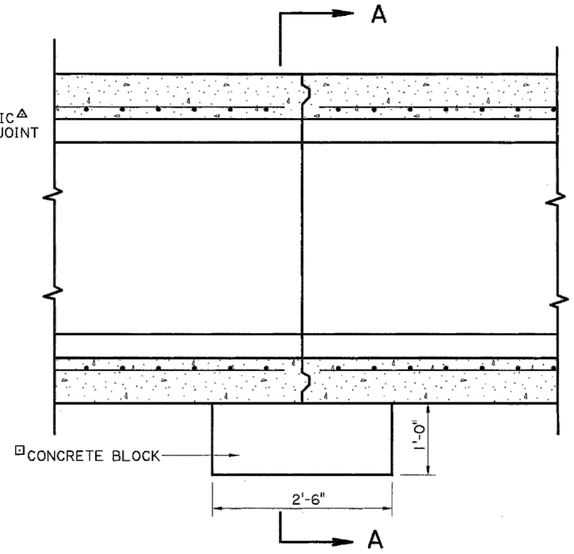
CIVIL DETAILS - DOTD STANDARD PLAN CB-08

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DP03-CIVIL DETAILS_Standard Plans



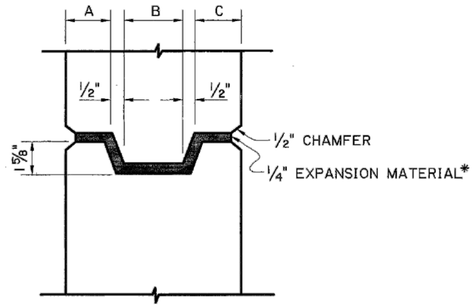
SECTION A-A



LONGITUDINAL BARREL SECTION

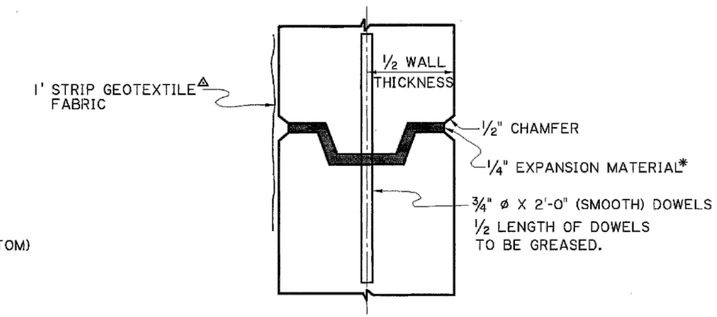
KEYED EXPANSION JOINTS (SEE DETAIL "A") TO BE SPACED SO THAT BARREL SHALL NOT BE CONTINUOUS FOR MORE THAN 200'. NO REINFORCING STEEL SHALL EXTEND THROUGH JOINT.

⊡CONCRETE BLOCK TO BE PAID FOR AS CLASS "A" CONCRETE. CONCRETE BLOCK IS NOT REQUIRED IF A WORKING TABLE (DRY BOTTOM) IS CAST AS A BASE FOR PLACEMENT IN THE FIELD.

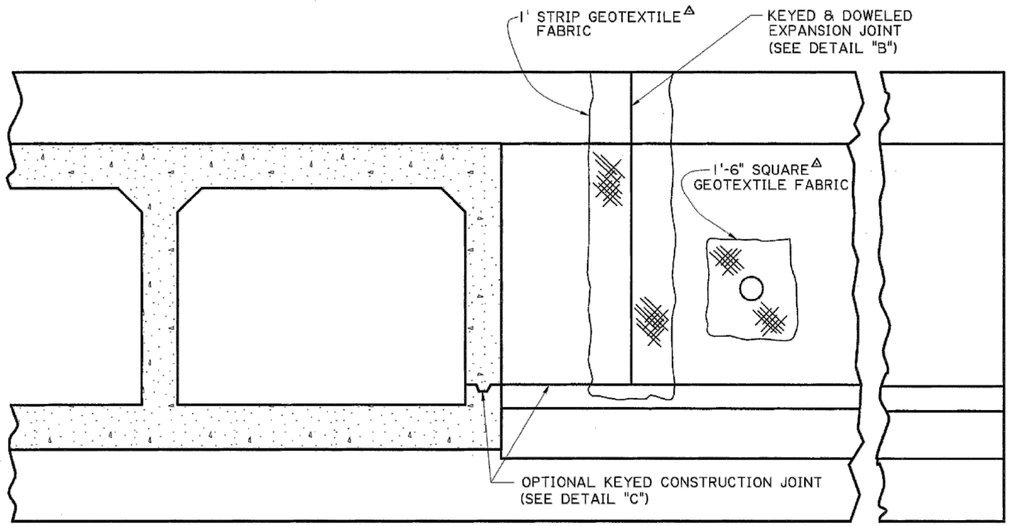


DETAIL "A"
KEYED EXPANSION JOINT

*IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR PREFORMED JOINT FILLERS (PREFORMED RESILIENT BITUMINOUS TYPES)

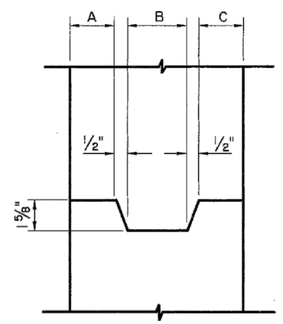


DETAIL "B"
KEYED & DOWELED EXPANSION JOINT
(FOR BOX CULVERT WING WALLS)



SECTION SHOWING REAR SIDE OF WING WALL

WALL OR SLAB	A	B	C
6"	1½"	2"	1½"
6½"	1⅝"	2¼"	1⅝"
7"	1¾"	2½"	1¾"
7½"	2"	2½"	2"
8"	2⅛"	2¾"	2⅛"
8½"	2⅜"	2¾"	2⅜"
9"	2½"	3"	2½"
9½"	2¾"	3"	2¾"
10"	2⅞"	3¼"	2⅞"
10½"	3"	3½"	3"
11"	3⅛"	3¾"	3⅛"
11½"	3¼"	4"	3¼"
12"	3½"	4"	3½"



DETAIL "C"
KEYED CONSTRUCTION JOINT

△IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT03-CIVIL DETAILS_Standard Plans

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

DESIGNED | DRAWN | CHECKED: MN | DETAILED | CHECKED: PAA | DATE | SHEET: 9-26-94 | 1 OF 1

NO.	DATE	BY	REVISION DESCRIPTIONS
1	10-1-08	JDK	GENERAL REVISIONS

DATE: 10-1-08

APPROVED BY CHIEF ENGINEER: Wurtz

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN CM-49

ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

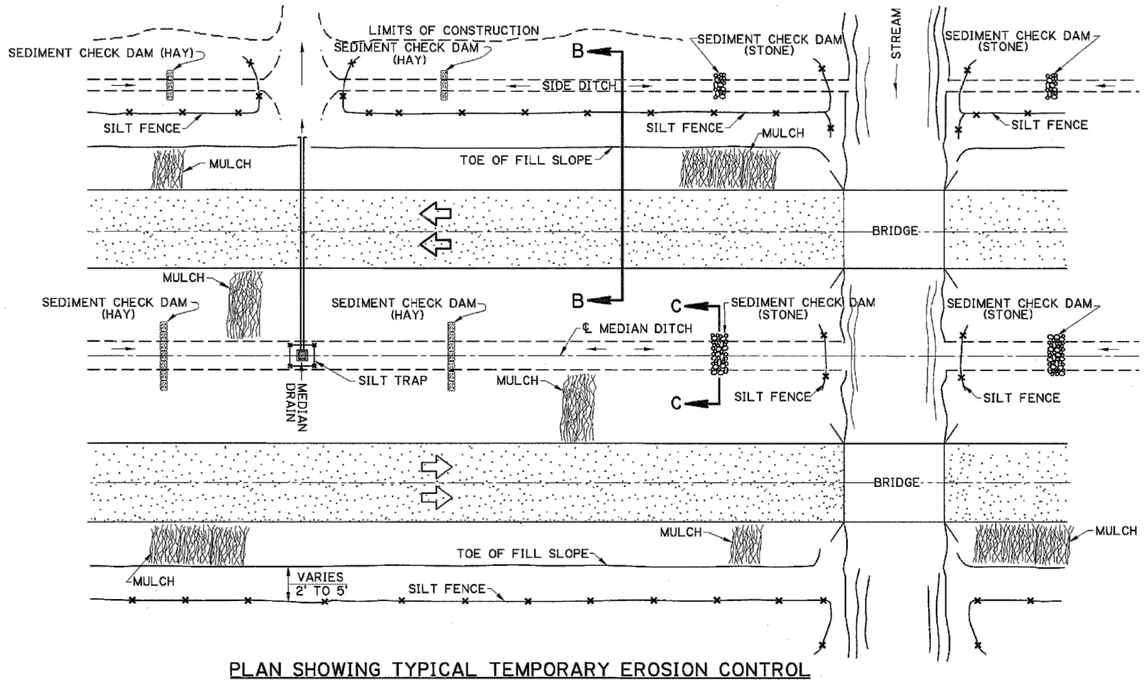
DATE: 06/27/2025

SHEET NO. C08.15

EXPANSION AND CONSTRUCTION JOINT FOR CONCRETE STRUCTURES

STANDARD PLAN CM-49

HYDRAULICS SECTION

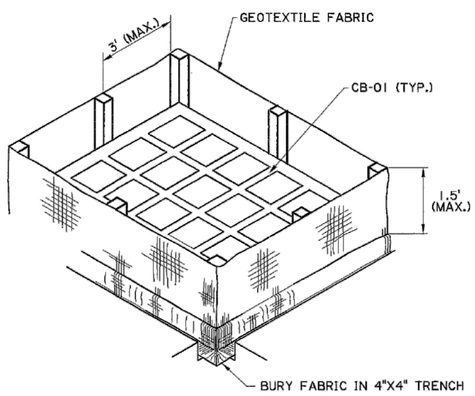


PLAN SHOWING TYPICAL TEMPORARY EROSION CONTROL

MULCHES

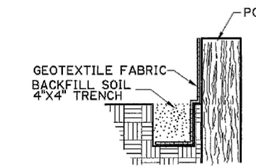
MULCHES ARE THE APPLICATION OF MATS OF MATERIAL PLACED ON THE SOIL SURFACE TO PREVENT EROSION BY PROTECTING THE SOIL SURFACE FROM RAINDROP IMPACT AND TO REDUCE THE VELOCITY OF OVERLAND FLOW. MULCHES CAN BE ORGANIC OR SYNTHETIC. MULCHES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW GUIDELINES FOR THE USE OF MULCHES ARE:

1. USE ON CUT AND EMBANKMENT SLOPES WHICH HAVE NOT BEEN COMPLETED TO PLAN GRADE OR WHERE THE WEATHER OR SOIL CONDITIONS WILL NOT PERMIT COMPLETING THEM WITHIN A REASONABLE TIME
2. USE ON CLEARED, GRUBBED , AND SCALPED AREAS WHERE SOIL EROSION IS LIKELY TO OCCUR
3. USE WITH TEMPORARY SEEDING

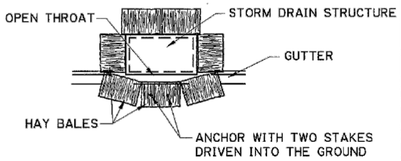


ISOMETRIC VIEW SHOWING GEOTEXTILE FABRIC

(BACKFILL SOIL NOT SHOWN)



SECTION THRU TRENCH SHOWING GEOTEXTILE FABRIC



PLAN SHOWING HAY BALES

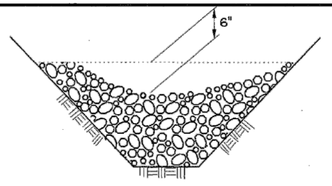
PAY ITEM: TEMPORARY HAY OR STRAW BALES

TEMPORARY INLET SILT TRAP

THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED FOR SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

1. THE GEOTEXTILE FABRIC SHALL CONFORM TO PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS G).
2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE 2" X 2" OR 2" X 4" WITH A MINIMUM LENGTH OF 3 FEET. THE STAKES SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1.5' AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO THE POST WITH ½" STAPLES.
4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND EACH STAKE SHOULD BE FIRMLY IN THE GROUND.
5. HAY BALES SHALL BE PLACED SO THAT THE BINDING WIRE OR TWINE IS NOT IN CONTACT WITH THE GROUND.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."



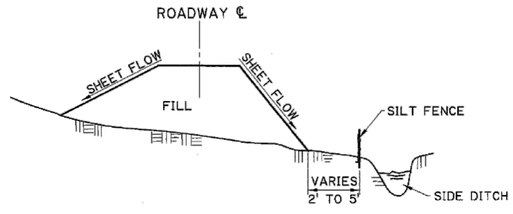
SECTION C-C

TEMPORARY SEDIMENT CHECK DAM (STONE)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (STONE)

NOTES:
A STONE CHECK DAM IS A SMALL TEMPORARY DAM CONSTRUCTED ACROSS A SWALE OR DRAINAGE DITCH. THE PURPOSE OF THIS MEASURE IS TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS, THEREBY REDUCING EROSION OF THE SWALE OR DITCH. THE STONE CHECK DAM WILL TRAP SMALL AMOUNTS OF SEDIMENTS GENERATED IN THE DITCH ITSELF, HOWEVER IT SHOULD NOT BE USED AS A SEDIMENT TRAPPING DEVICE. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF STONE CHECK DAMS ARE:

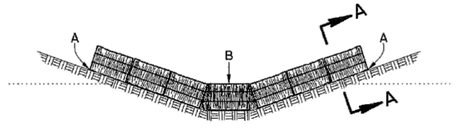
1. USE IN SMALL OPEN CHANNELS WHICH DRAIN 10 ACRES OR LESS
2. DO NOT USE IN A LIVE STREAM
3. USE IN A TEMPORARY DITCH OR SWALE WHICH, BECAUSE OF THEIR SHORT LENGTH OF SERVICE, CANNOT RECEIVE A NON- ERODIBLE LINING
4. USE IN PERMANENT DITCHES OR SWALES WHICH WILL NOT RECEIVE A PERMANENT LINING FOR AN EXTENDED PERIOD OF TIME
5. USE IN TEMPORARY OR PERMANENT DITCHES OR SWALES WHICH NEED PROTECTION DURING THE ESTABLISHMENT OF GRASS LININGS
6. FOR STONE SPECIFICATIONS, SEE PROJECT SPECIFICATIONS FOR RIPRAP, (CLASS 2 LB)



SECTION B-B

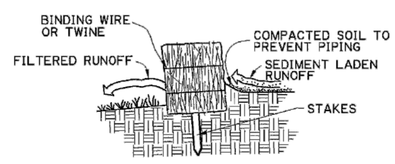
TEMPORARY SILT FENCE APPLICATION

(FOR CONSTRUCTION DETAILS AND SPECIFICATIONS SEE SHEET 2 OF 2.)



POINTS A SHOULD BE HIGHER THAN POINT B.

ELEVATION



SECTION A-A

TEMPORARY SEDIMENT CHECK DAM (HAY)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (HAY)

NOTES:
A HAY BALE BARRIER IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A ROW OF ENTRENCHED AND ANCHORED BALES OF STRAW OR HAY. THE HAY BALE BARRIER IS ALSO USED AS A CHECK DAM TO REDUCE THE VELOCITY IN SMALL DITCHES OR SWALES. THE HAY BALES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL.
A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A HAY BALE BARRIER ARE:

1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
2. USE IN MINOR SWALES OR DITCHES WHERE THE MAXIMUM DRAINAGE AREA IS 2 ACRES
3. ONLY USE WHERE THE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS
4. DO NOT USE IN LIVE STREAMS OR IN SWALES OR DITCHES WHERE THERE IS A POSSIBILITY OF A WASHOUT

SHEET NUMBER

PARISH	FEDERAL PROJECT	STATE PROJECT
DESIGNED JCM	DETAILED KAJ	DATE 1-14-94
CHECKED	CHECKED JCM	SHEET 1 OF 2

NO.	DATE	REVISION DESCRIPTION	ITEM NOS., GENERAL REVISIONS	MH	BY
1	10-1-08	REMOVE SPECIFIC PAY ITEM NOS., GENERAL REVISIONS	MH	BY	

APPROVED BY: CHIEF ENGINEER

DATE: 10-1-08

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN EC-01 (1 of 2)

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS		
NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. C08.16

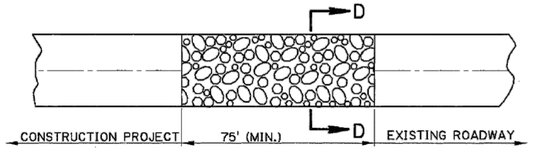
TEMPORARY EROSION CONTROL DETAILS

STANDARD PLAN EC-01

HYDRAULICS SECTION

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT03-CIVIL DETAILS_Standard Plans



PLAN

SECTION D-D

TEMPORARY STONE CONSTRUCTION ENTRANCE

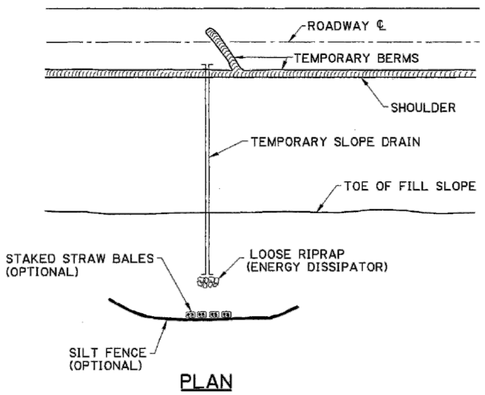
PAY ITEM: TEMPORARY STONE CONSTRUCTION ENTRANCE

NOTES:

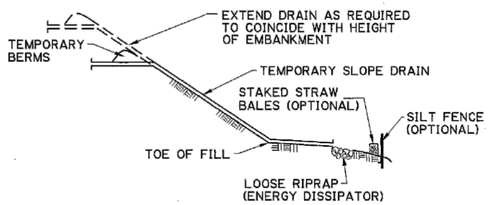
TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACKS ARE:

1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 LB).
3. THE LENGTH OF THE PAD MUST BE A LEAST 75 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
4. A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.



PLAN



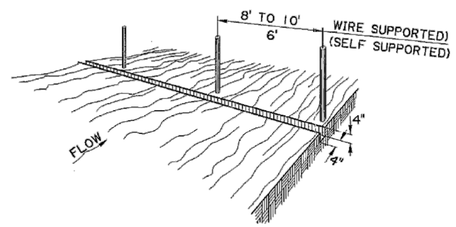
ELEVATION

TEMPORARY SLOPE DRAIN

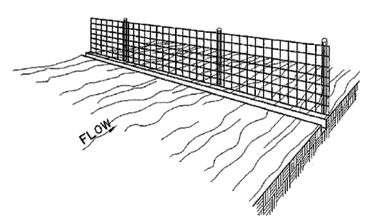
A TEMPORARY SLOPE DRAIN IS A DEVICE USED TO CARRY WATER FROM THE CONSTRUCTION WORK AREA TO A LOWER ELEVATION. SLOPE DRAINS MAY BE PLASTIC SHEET, METAL OR PLASTIC PIPE, STONE GUTTERS, FIBER MATS, OR CONCRETE OR ASPHALT DITCHES. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A TEMPORARY SLOPE DRAIN ARE:

1. THE SPACING OF THE SLOPE DRAINS VARIES WITH THE ROAD GRADE.
   FOR GRADES: 0.0% - 2.0% USE 500' SPACING
   2.1% - 5.0% USE 200' SPACING
   GREATER THAN 5.0% USE 100' SPACING
2. SLOPE DRAIN MATERIAL: SMOOTH PIPE - 8" MINIMUM - 3 MILS THICK MIN.
   CORRUGATED PIPE - 12" MINIMUM
   PLASTIC SHEETING - 4' WIDE MINIMUM
   PLASTIC SHEETING - 3 MILS THICK MIN.
3. PLASTIC SHEETING CAN BE STAKED DOWN OR WEIGHTED WITH ROCKS OR LOGS. THE AREA UNDER THE SHEETING SHOULD BE SHAPED TO PROVIDE AN ADEQUATE CHANNEL.
4. THE OUTLET END SHOULD BE PROTECTED OR HAVE SOME MEANS OF DISSIPATING ENERGY. THE FLOW SHOULD BE DIRECTED THROUGH A SEDIMENT TRAP SUCH AS A SILT FENCE, HAY BALES, OR OTHER APPROVED SEDIMENT CONTROL DEVICES.
5. TO INSURE PROPER OPERATION, TEMPORARY SLOPE DRAINS SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM, FOR CLOGGING OR DISPLACEMENT. EROSION AT THE OUTLET SHOULD BE CHECKED AND THE SILT TRAPS CLEANED IF NECESSARY.

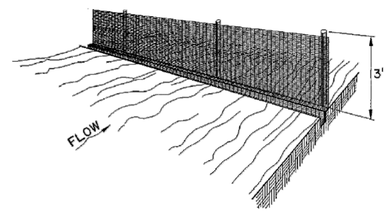
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



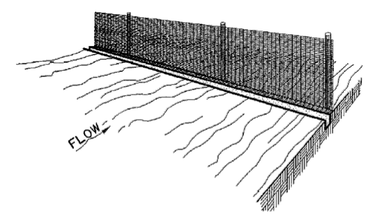
2. STAPLE WIRE FENCING TO THE POSTS.



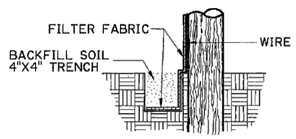
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT EXCAVATED SOIL.



EXTENSION OF FABRIC INTO THE TRENCH.



"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

CONSTRUCTION OF TEMPORARY SILT FENCING

(WIRE SUPPORTED SILT FENCE IS SHOWN. SELF SUPPORTED SILT FENCE WILL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

NOTES:

SILT FENCING IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A FILTER FABRIC SUPPORTED BY POSTS AND STRETCHED ACROSS AN AREA TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT. THE SILT FENCING SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW BASIC GUIDELINES FOR THE USE OF SILT FENCING ARE:

1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
2. USE WHERE THE MAXIMUM DRAINAGE AREA BEHIND THE SILT FENCE IS ¼ ACRE PER 100 FEET OF SILT FENCE LENGTH
3. USE WHERE THE MAXIMUM SLOPE LENGTH BEHIND THE BARRIER IS 100 FEET
4. USE THERE THE MAXIMUM GRADIENT BEHIND THE BARRIER IS 2:1
5. DO NOT USE SILT FENCES IN LIVE STREAMS OR IN DITCHES OR SWALES WHERE FLOWS EXCEED ONE CUBIC FOOT PER SECOND

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

DESIGNED JCM
CHECKED
DETAILED KAJ
CHECKED JCM
DATE 1-14-94
SHEET 2 OF 2

BY	DATE	REVISION DESCRIPTION	PAY ITEM NOS.
MH	10-1-08	REMOVE SPECIFIC PAY ITEM NOS.. GENERAL REVISIONS	

APPROVED BY CHIEF ENGINEER: [signature] DATE: 10-1-08

TEMPORARY EROSION CONTROL DETAILS

STANDARD PLAN EC-01

HYDRAULICS SECTION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
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COVINGTON, LA 70433

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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN EC-01 (2 of 2)

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

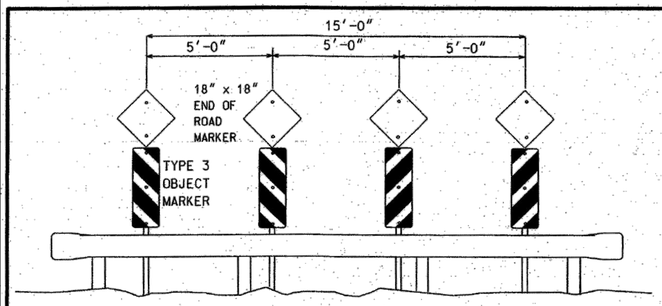
DATE: 06/27/2025

SHEET NO. **C08.17**

CONSTRUCTION DOCUMENTS

R:\2023\231326 - F&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT03-CIVIL DETAILS_Standard Plans

CONSTRUCTION DOCUMENTS



END-OF-ROADWAY INSTALLATION

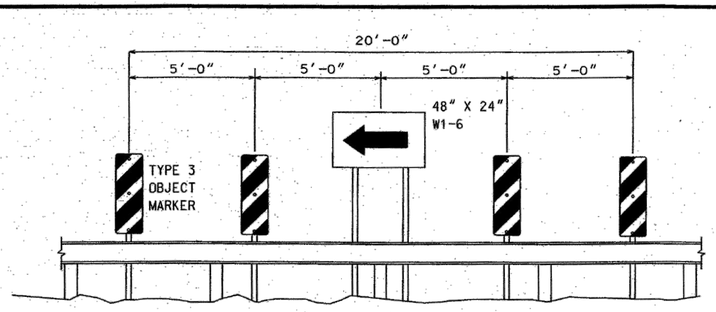
DEAD END ROAD INSTALLATION

(TYPE A - WITH GUARD RAIL, TYPE D - WITHOUT GUARDRAIL)

For End of Road installation Object Marker stripes shall slope downward toward the center.

Guardrail to be installed in accordance with guardrail Standard Plans.

Typical installation requires 25 ft. of rail with flared end sections.



TURN INSTALLATION

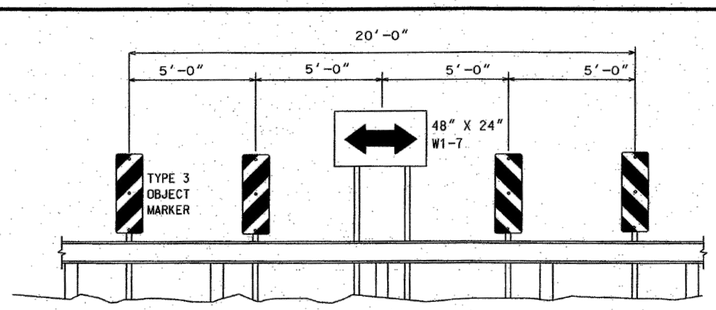
DEAD END ROAD INSTALLATION

(TYPE B - WITH GUARD RAIL, TYPE C - WITHOUT GUARDRAIL)

For Turn installations Object Marker stripes shall slope downward toward the direction of travel.

Guard rail to be installed in accordance with guardrail Standard Plans.

Typical installation requires 25 ft. of rail with flared end sections.



T-INTERSECTION INSTALLATION

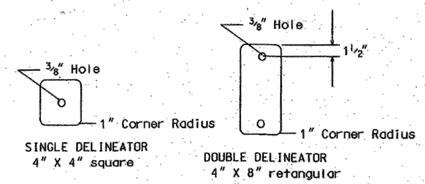
DEAD END ROAD INSTALLATION

(TYPE B - WITH GUARD RAIL, TYPE C - WITHOUT GUARDRAIL)

For T-intersection installations Object Marker stripes shall slope away from center.

Guardrail to be installed in accordance with guardrail Standard Plans.

Typical installation requires 25 ft. of rail with flared end sections.



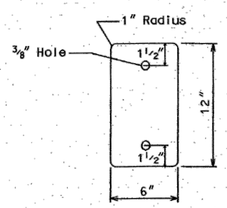
DETAIL OF DELINEATORS

Colors shall be red, white, or yellow.
The sheeting shall be in accordance with DOTD Standard Specification

For alternate Delineator/Flexible Post systems see the DOTD Approved Materials List. Alternates shall have an equivalent area of sheeting and shall not be less than 3 in. wide.

The mounting height shall be the same as for Milepost Markers.

Post penetration in ground shall be a minimum of 2 ft.

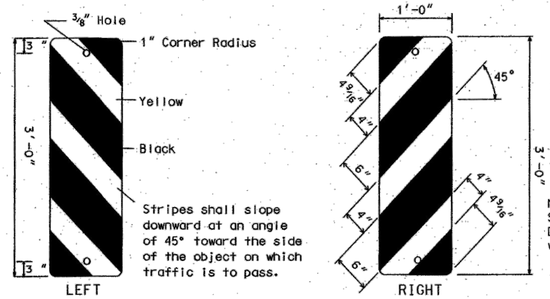


DETAIL OF TYPE 2 OBJECT MARKER

The face shall be yellow. The sheeting shall be in accordance with DOTD Standard Specification. The typical mounting height from the ground line to the bottom of the object marker shall be 36 in.

Post penetration in ground shall be a minimum of 2 ft.

Type 2 Object Markers are typically used in the right-of-way to mark objects for mowing operations.



DETAIL OF TYPE 3 OBJECT MARKER

The markings on the Object Markers shall be diagonal, black and yellow stripes. The sheeting shall be in accordance with DOTD Standard Specifications.

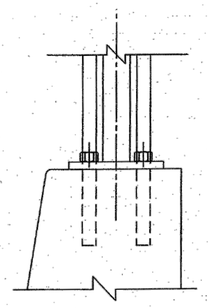
Post penetration in ground shall be a minimum of 3 ft.

Type 3 Object Markers are typically used to mark objects in the roadway (travel lanes and shoulder) and to mark guard rail installation (see guard rail Standard Plans) .

When used for marking objects in the roadway or objects that are 8 ft. or less from the shoulder or curb, the mounting height to the bottom of the object marker should be at least 4 ft. above the surface of the nearest traffic lane.

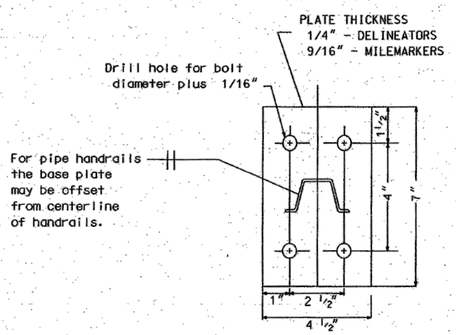
When used to mark objects more than 8 ft. from the shoulder or curb, the mounting height to the bottom of the object marker should be at least 4 ft. above the ground.

Note: For mile markers on conventional roads. See the details shown on the Special Signing Details sheets-B. This is in accordance with MUTCD signs D10-4 & D10-5 in Figure 2H-4.



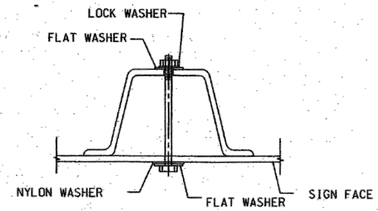
Anchor Bolts
1/4 in. plate - 5/16 in. x 4 in. bolt
9/16 in. plate - 1/2 in. x 5 in. bolt

For bolt anchors see DOTD Approved Materials List.



Steel base plate and channel posts shall be galvanized after fabrication.

DETAIL FOR MOUNTING SIGN POST TO CONCRETE BARRIER RAIL



Steel U-channel sign post shall have 3/8 in. dia. holes drilled in channel on 1 in. centers from top of post. Steel tube post (Min. 2.23 lb/ft) may be used in lieu of U-channel posts.

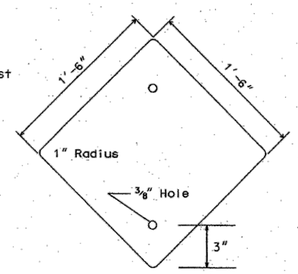
Post Weight: 2.0 lbs/ft - DELINEATORS and TYPE 2 OBJECT MARKERS
2.5 lbs/ft - MILEMARKERS and TYPE 3 OBJECT MARKERS
3.0 lbs/ft - WARNING SIGNS, W1-6, W1-7

Fasteners shall be either bolts or rivets.

Bolts shall be 5/16 in. diameter electroplated steel hex head bolts with one nylon washer, two flat washers, one lock washer, and one vandal resistant hex nut.

Rivets shall be vandal resistant 1/4 in. diameter aluminum blind rivets with smooth, low profile heads on each end.

DETAIL FOR MOUNTING SIGN TO U-CHANNEL POST



DETAIL OF END OF ROAD MARKER

Colors shall be red.

The sheeting shall be in accordance with DOTD Standard Specification.

The minimum mounting height from the ground line to the bottom of the marker shall be 5 ft.

Post penetration in ground shall be a minimum of 3 ft.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

MOUNTING DETAILS

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

DESIGNED J. COLVIN
CHECKED P. ALLAIN
DETAILED M.D.ORDOGNE
CHECKED J. COLVIN
DATE 02/13/2013
SHEET

REVISION DESCRIPTION | BY | DATE

DATE: 4-7-2017
APPROVED BY CHIEF ENGINEER: Dennis P. Williamson

DATE

OBJECT MARKERS AND DEAD END ROAD INSTALLATION
STANDARD PLAN | HS-03

TRAFFIC ENGINEERING

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
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SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
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9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN HS-03

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.18

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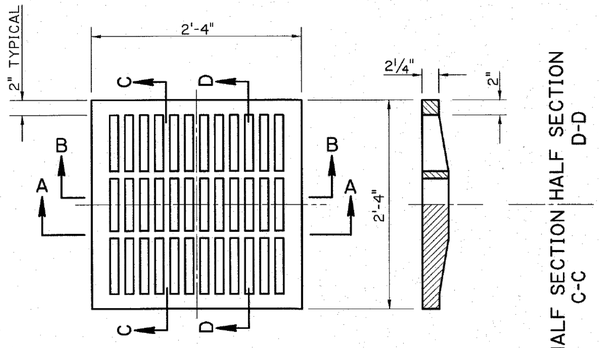
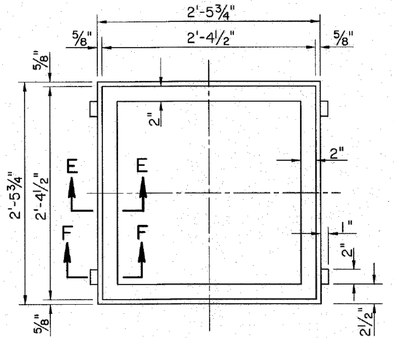
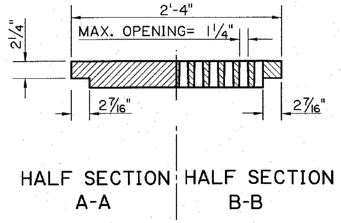
CONSTRUCTION DOCUMENTS

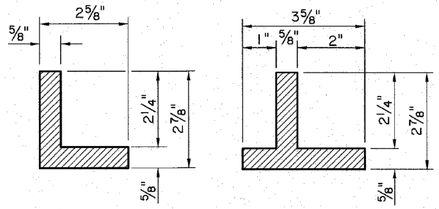


PLAN OF CAST IRON GRATE



PLAN OF CAST IRON FRAME

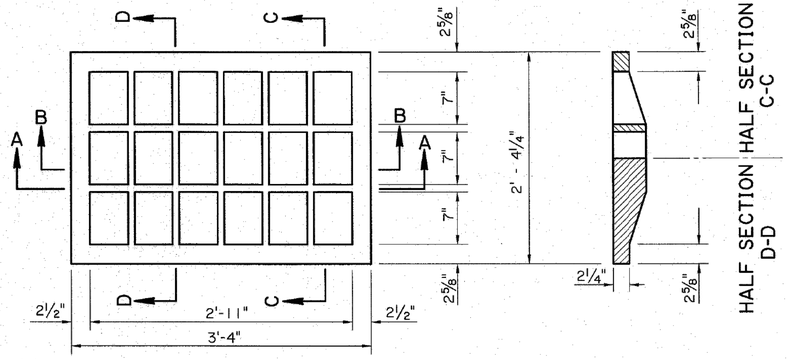




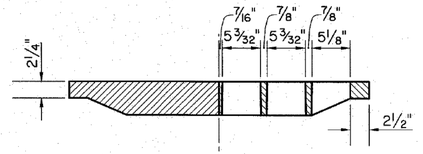
TYPE "A"

CAST IRON GRATE & FRAME

MIN. OPENING = 290 SQ. IN. AREA



PLAN OF CAST IRON GRATE



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TYPE "B"

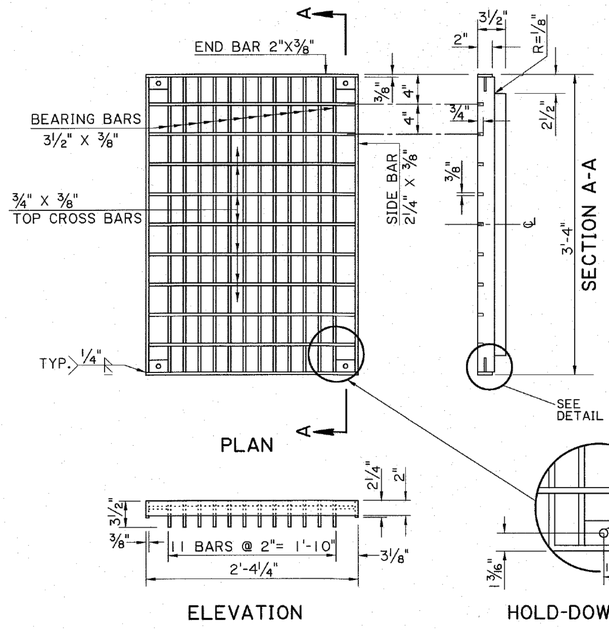
CAST IRON GRATE

NOTE: UNLESS OTHERWISE STATED, TYPE "E" FRAME WILL BE USED WITH THIS GRATE.

TYPE "C"

STEEL DRAIN GRATE

NOTES:
1. GRATES TO BE GALVANIZED AFTER FABRICATION.
2. UNLESS OTHERWISE STATED, TYPE "E1" FRAME IS TO BE USED WITH THESE GRATES. (SEE SHEET 2)
3. SUPPLIER OF GRATE ALSO IS TO FURNISH PRE-FITTED GRATE FRAME.



WELDED & SEALED DRAIN GRATE

ALL JOINTS FULL DEPTH ¼" FILLET WELDS WITH SEAL WELDS TOP AND BOTTOM UNLESS NOTED OTHERWISE.

ALL BEARING BARS TO BE SET FLUSH ON GRATE FRAME.

WEIGHT OF DRAIN GRATE = 233 LBS. ± 5%

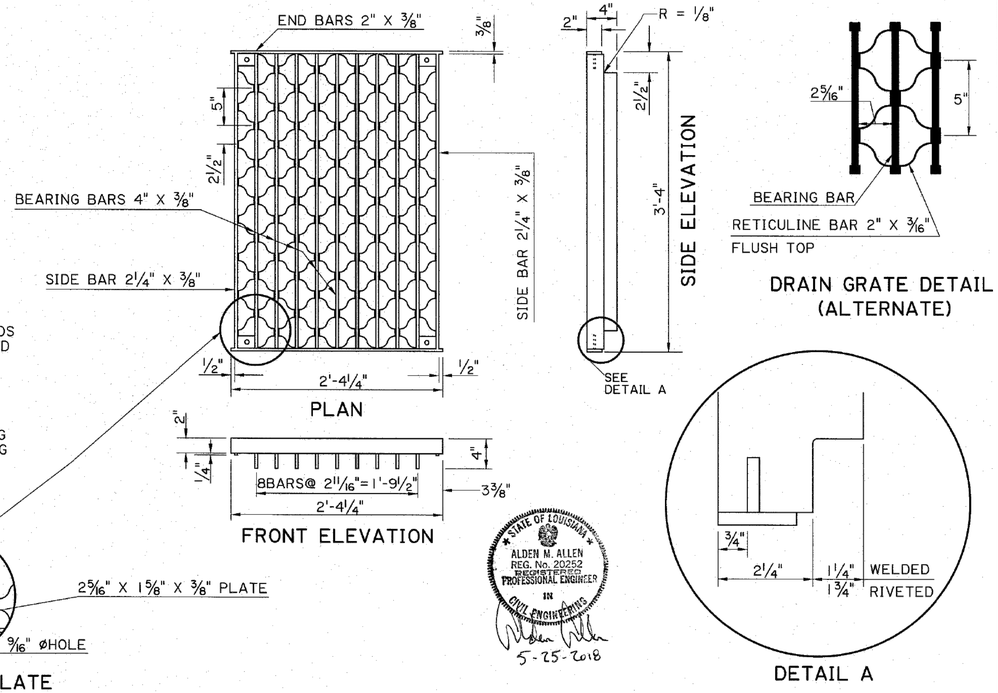
RIVETED RETICULINE DRAIN GRATE (ALTERNATE)

ALL JOINTS FULL DEPTH ¼" FILLET WELDS WITH SEAL WELDS TOP AND BOTTOM UNLESS NOTED OTHERWISE.

ALL BEARING BARS TO BE SET FLUSH ON GRATE FRAME.

CENTER TO CENTER OF BEARING BARS EQUAL 2 5/16" PLUS BEARING BAR THICKNESS.

WEIGHT OF DRAIN GRATE = 266 LBS. ± 5%



STATE OF LOUISIANA
ALDEN M. ALLEN
REG. No. 20252
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
5-25-2018

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION: THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS		
NO.	DESCRIPTION	DATE

DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

STANDARD PLAN MC-01

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. C08.19

SHEET NUMBER

PARISH	CONTROL SECTION	STATE PROJECT

DESIGNED AMA
CHECKED AMA
DETAILED TL
CHECKED AMA
DATE: 5/25/18
SERIES NUMBER 9/01/17
1 OF 6

REVISION DESCRIPTION | BY | DATE

APPROVED BY CHIEF ENGINEER:

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

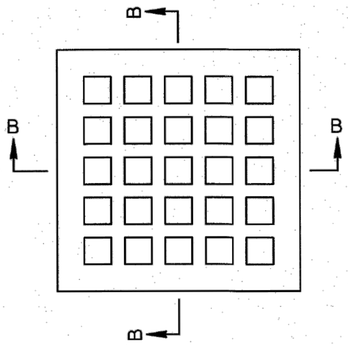
STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN MC-01 (1 OF 6)

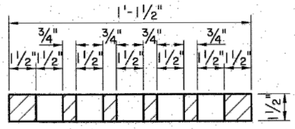
DOTD HYDRAULICS SECT.

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\2312326C-DP03-CIVIL DETAILS_Standard Plans

CONSTRUCTION DOCUMENTS



PLAN

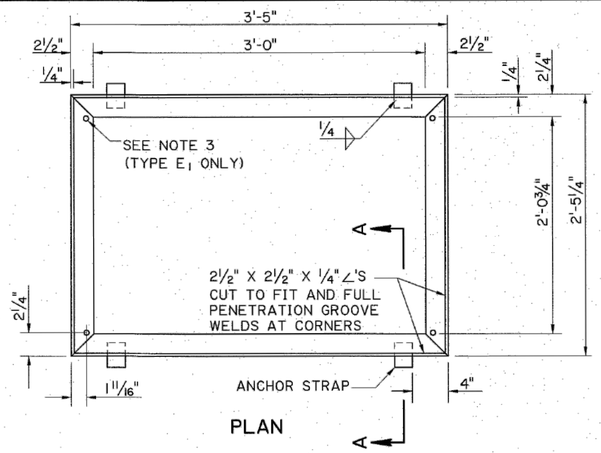


SECTION B-B

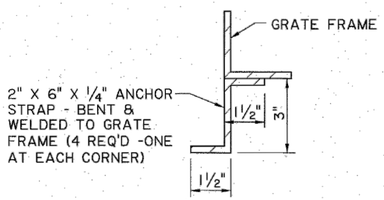
TYPE "D"

CAST IRON GRATE

WEIGHT OF CASTING = 49 LBS



PLAN

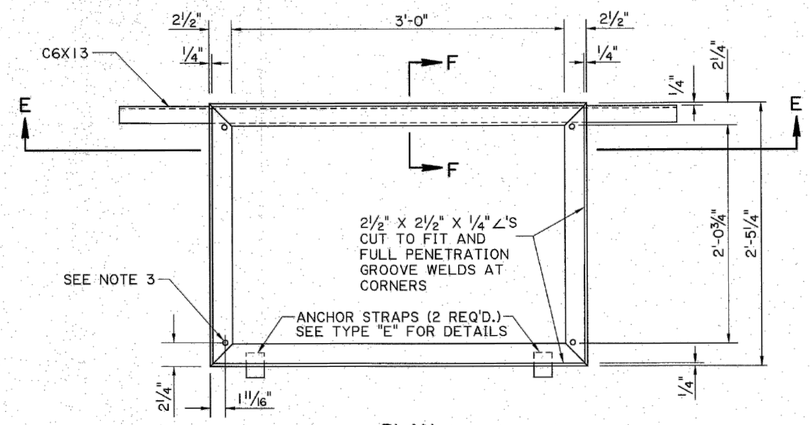


SECTION A-A

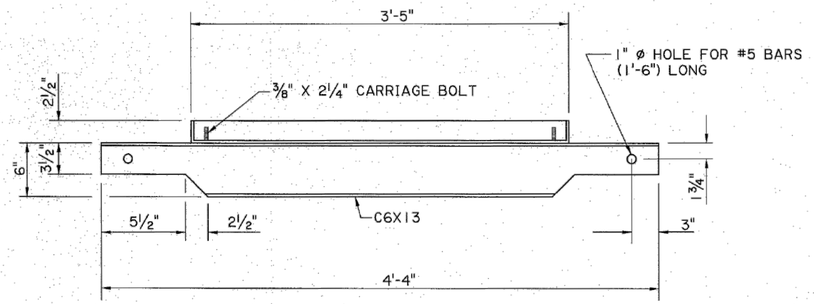
TYPE "E" AND "E₁"

STEEL GRATE FRAME

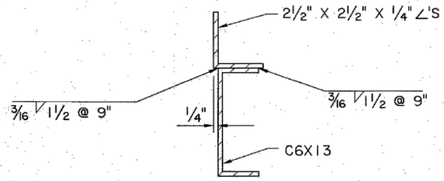
NOTES:
1. GRATE FRAME TO BE GALVANIZED AFTER FABRICATION
2. WEIGHT OF GRATE FRAME = 52 LBS
3. SQUARE PUNCH HOLE PRIOR TO GALVANIZING. ADD A ⅜ ø x 2¼" LONG -16 UNC ROUND HEAD SQUARE NECK CARRIAGE BOLT WITH JAM NUT, HEX HEAD NUT, AND FLAT WASHER (ALL STAINLESS STEEL) AFTER FRAME IS GALVANIZED.



PLAN



SECTION E-E



SECTION F-F

TYPE "F"

STEEL GRATE FRAME

NOTES:
1. GRATE FRAME TO BE GALVANIZED AFTER FABRICATION
2. WEIGHT OF GRATE FRAME = 52 LBS ± 5%
3. SQUARE PUNCH HOLE PRIOR TO GALVANIZING. ADD A ⅜ ø x 2¼" LONG -16 UNC ROUND HEAD SQUARE NECK CARRIAGE BOLT WITH JAM NUT, HEX HEAD NUT, AND FLAT WASHER (ALL STAINLESS STEEL) AFTER FRAME IS GALVANIZED.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

STATE OF LOUISIANA
ALDEN M. ALLEN
REG. No. 20252
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
5-25-2018

SHEET NUMBER

PARISH | CONTROL SECTION | STATE PROJECT

DESIGNED AMA | CHECKED AMA
DETAILED TL | CHECKED AMA
SERIES NUMBER 9/01/17 2 OF 6

DATE: 5/25/18 BY

REVISION DESCRIPTION

DATE

APPROVED BY CHIEF ENGINEER:

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
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5215 ESSEN LANE, SUITE 100
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COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN MC-01 (2 OF 6)

DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

STANDARD PLAN MC-01

DOTD HYDRAULICS SECT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

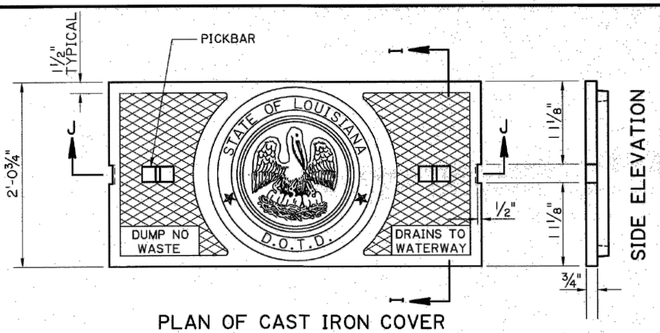
DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

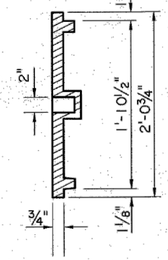
SHEET NO. C08.20

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DP04-CIVIL DETAILS_Standard Plans

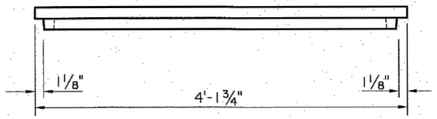


PLAN OF CAST IRON COVER

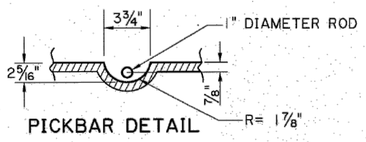
SIDE ELEVATION



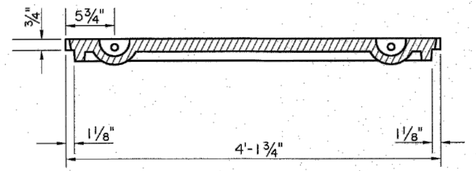
SECTION I-I



FRONT ELEVATION OF CAST IRON COVER



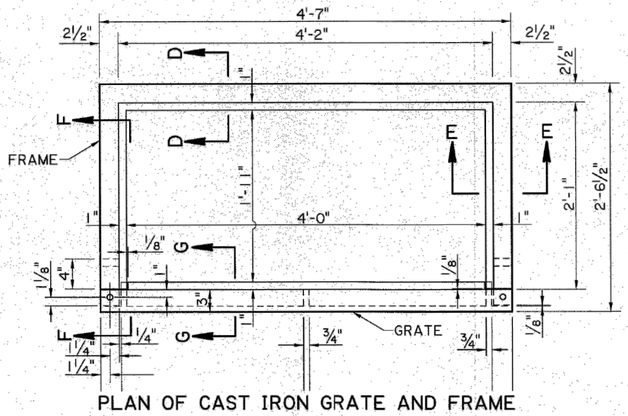
PICKBAR DETAIL



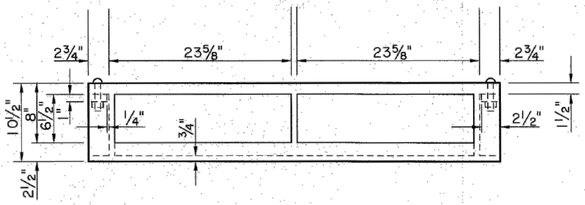
SECTION J-J

TYPE "H" AND "H$_1$"

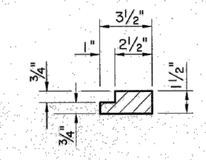
CAST IRON COVER, GRATE AND FRAME



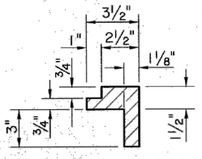
PLAN OF CAST IRON GRATE AND FRAME



FRONT ELEVATION OF CAST IRON GRATE

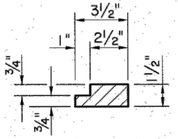


FOR CATCH BASIN "H"

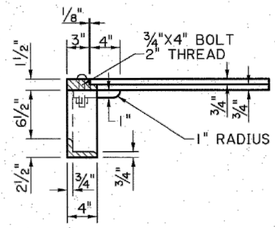


FOR PAVED GUTTER "H$_1$"

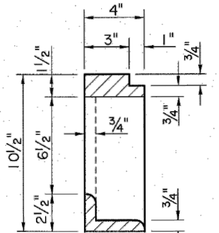
SECTION D-D



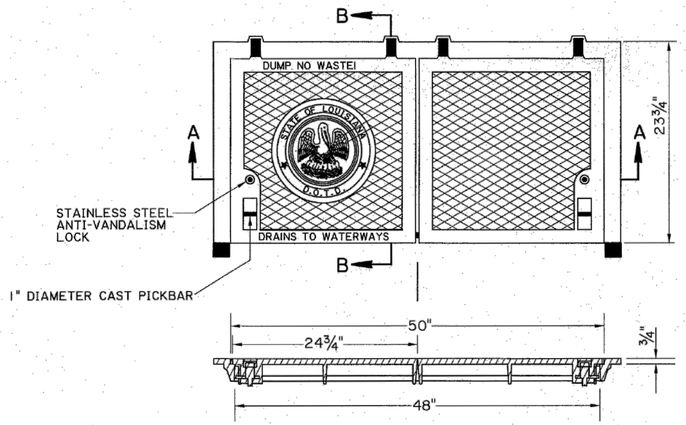
SECTION E-E



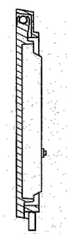
SECTION F-F



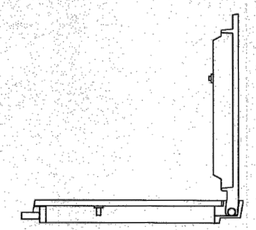
SECTION G-G



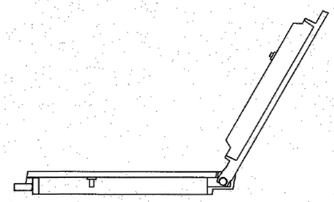
SECTION A-A



SECTION B-B



COVER AT 90 DEGREES
SAFETY STOP POSITION



COVER FULLY OPEN
TO 120 DEGREES

TYPE "H$_S$"

CAST IRON COVER AND FRAME SHOWN (SEE GRATE ABOVE)

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

STATE OF LOUISIANA
ALDEN M. ALLEN
REG. No. 20252
REGISTERED
PROFESSIONAL ENGINEER
5-25-2018

DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

STANDARD PLAN | MC-01

HYDRAULICS SECT.

DOTD

SHEET NUMBER

PARISH	CONTROL SECTION	STATE PROJECT

DESIGNED	AMA	DATE:	5/25/18
CHECKED	AMA		
DETAILED	TL	SERIES NUMBER	9701/17
CHECKED	AMA		3 OF 6

NO.	REVISION DESCRIPTION	BY	DATE

APPROVED BY CHIEF ENGINEER:

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
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COVINGTON, LA 70433

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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN MC-01 (3 OF 6)

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.
C08.21

CONSTRUCTION DOCUMENTS

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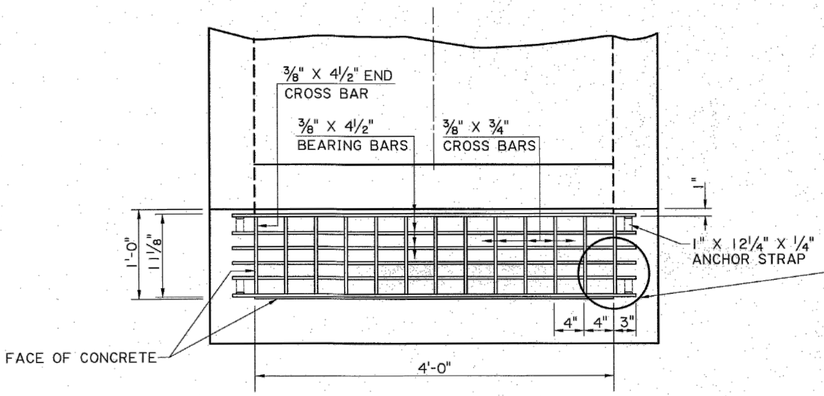
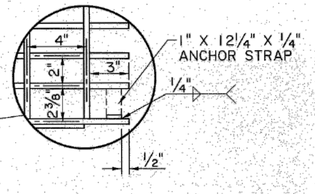
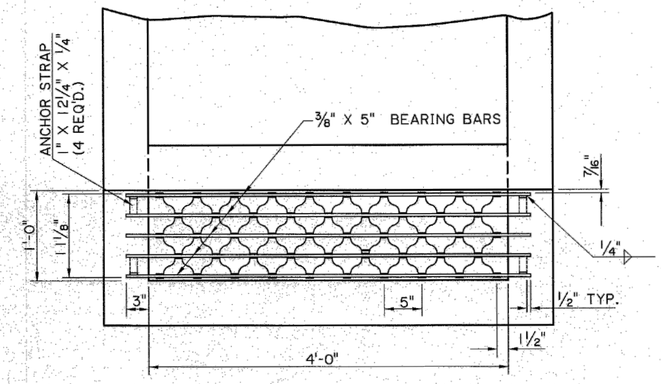
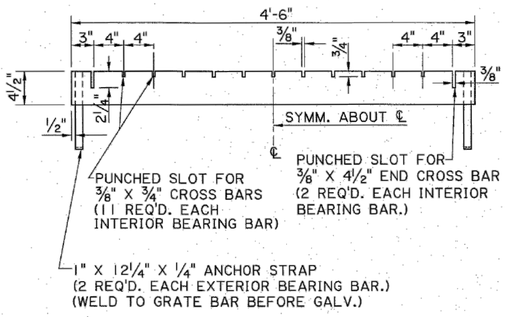


PLAN





PLAN

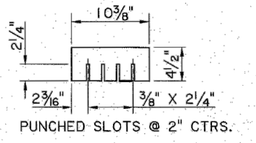


ELEVATION

WELDED & SEALED DRAIN GRATE

ALL JOINTS FULL DEPTH 1/4" FILLET WELDS WITH SEAL WELD TOP AND BOTTOM UNLESS NOTED OTHERWISE.

WEIGHT OF DRAIN GRATE = 185 LBS. ± 5%

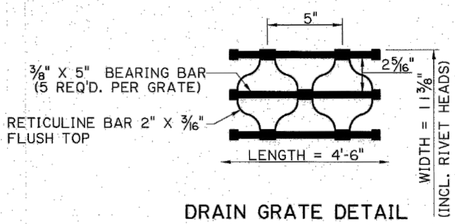


3/8"X4 1/2" END CROSS BAR

(2 REQ'D. PER GRATE)

STEEL ANCHOR STRAP

(4 REQ'D. PER GRATE)



DRAIN GRATE DETAIL (ALTERNATE)

RIVETED RETICULINE DRAIN GRATE (ALTERNATE)

CENTER TO CENTER OF BEARING BARS EQUAL 2 11/16".

WEIGHT OF DRAIN GRATE = 176 LBS. ± 5%

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

ALDEN H. ALLEN
REG. No. 20252
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
STATE OF LOUISIANA
5-25-2018

TYPE " I "

STEEL DRAIN GRATE

GRATE TO BE GALVANIZED AFTER FABRICATION.

SHEET NUMBER

PARISH | CONTROL SECTION | STATE PROJECT

DESIGNED AMA | CHECKED AMA | DETAILED TL | CHECKED AMA | SERIES NUMBER 9/01/17 4 OF 6

DATE: 5/25/18 BY

REVISION DESCRIPTION

DATE

APPROVED BY CHIEF ENGINEER:

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

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BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN MC-01 (4 OF 6)

DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

STANDARD PLAN MC-01

HYDRAULICS SECT.

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION: THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

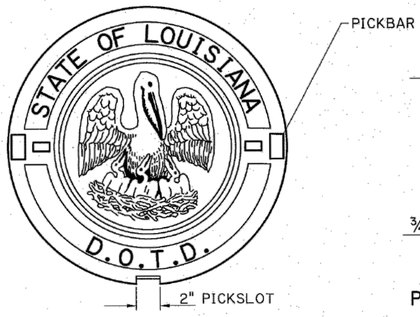
DATE: 06/27/2025

SHEET NO. C08.22

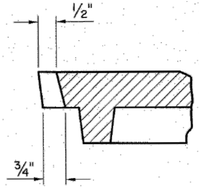
CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326-D704-CIVIL DETAILS_Standard Plans

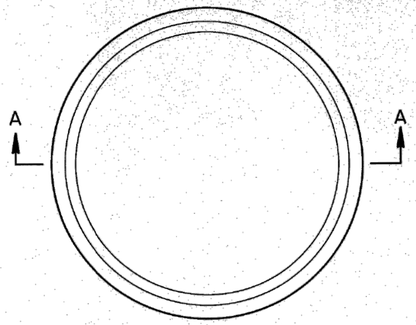
CONSTRUCTION DOCUMENTS



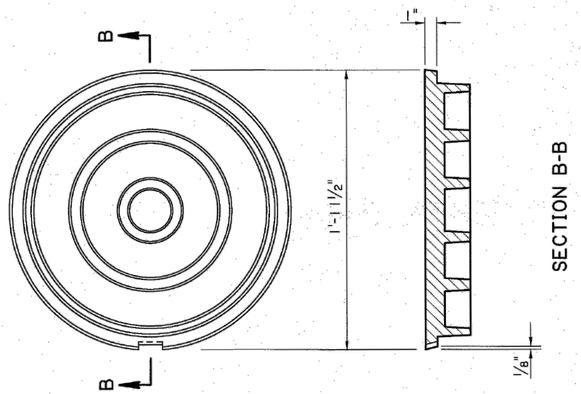
PLAN OF CAST IRON COVER



PICKSLOT DETAIL

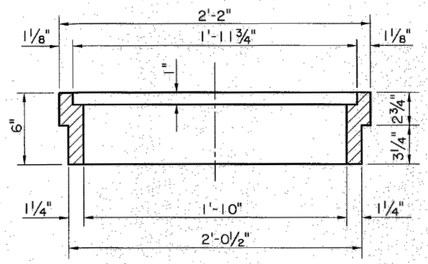


PLAN OF CAST IRON FRAME



SECTION B-B

BOTTOM OF CAST IRON COVER

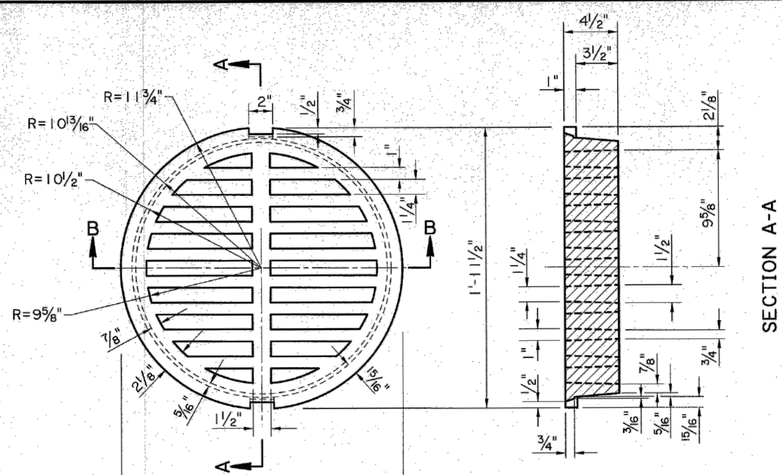


SECTION A-A

TYPE "K"

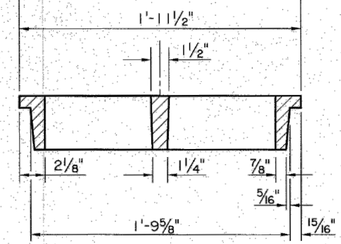
CAST IRON COVER & FRAME

PICKBAR DETAIL LEFT TO FABRICATOR



PLAN

SECTION A-A

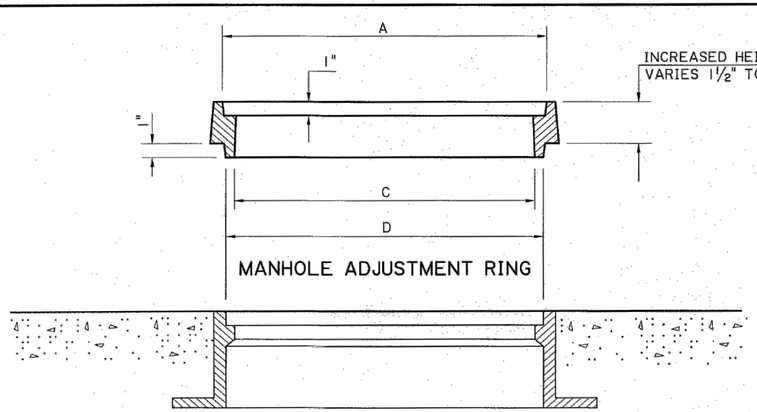


SECTION B-B

TYPE "K₁"

CAST IRON GRATE

NOTES: 1. APPROX. WEIGHT OF CAST IRON COVER = 250 LBS.
2. TO BE USED WITH TYPE "K" CAST IRON FRAME.



EXISTING GRATE SEAT

MANHOLE ADJUSTMENT RINGS		
A (IN.)	C (IN.)	D (IN.)
23½	22¼	23½
23¾	22½	23¾

MANHOLE ADJUSTMENT RING

CAST IRON OR STEEL

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

STATE OF LOUISIANA
ALDEN M. ALLEN
REG. No. 20252
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
5-25-2018

SHEET NUMBER

PARISH | CONTROL SECTION | STATE PROJECT

DESIGNED AMA | DETAILED TL | SERIES NUMBER 9/01/17
CHECKED AMA | CHECKED AMA | 5 OF 6

REVISION DESCRIPTION | BY | DATE: 5/25/18

DATE | APPROVED BY CHIEF ENGINEER:

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN MC-01 (5 OF 6)

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. **C08.23**

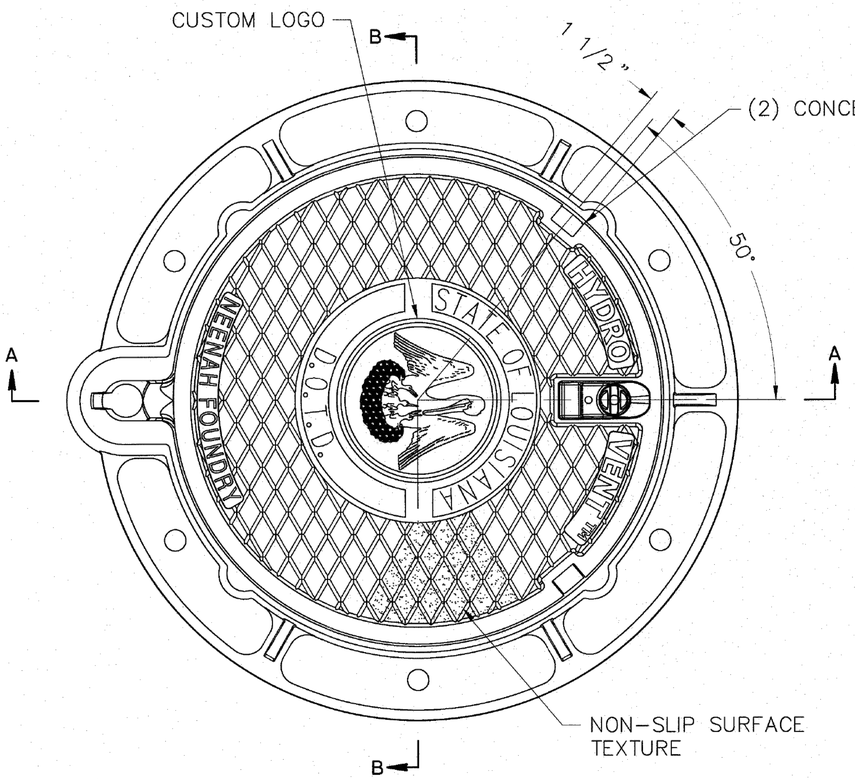
DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

STANDARD PLAN | MC-01

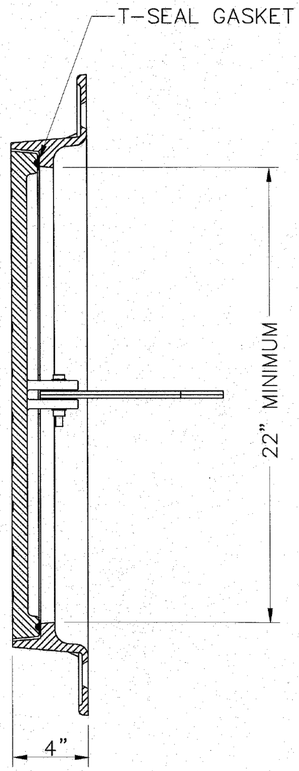
DOTD HYDRAULICS SECT.

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT04-CIVIL DETAILS_Standard Plans

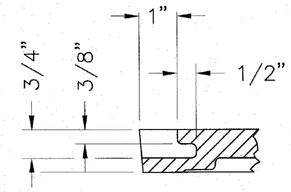
CONSTRUCTION DOCUMENTS



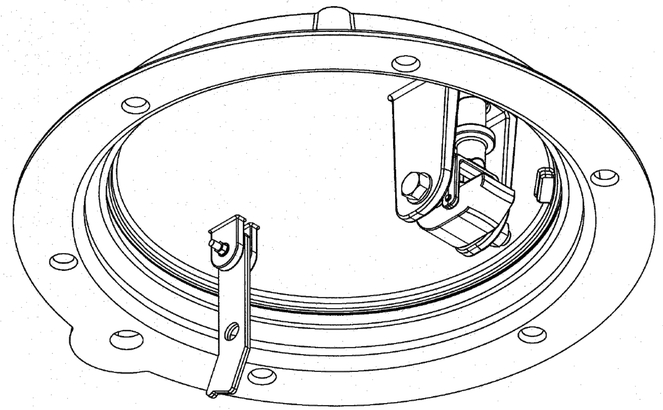
PLAN OF CAST IRON COVER



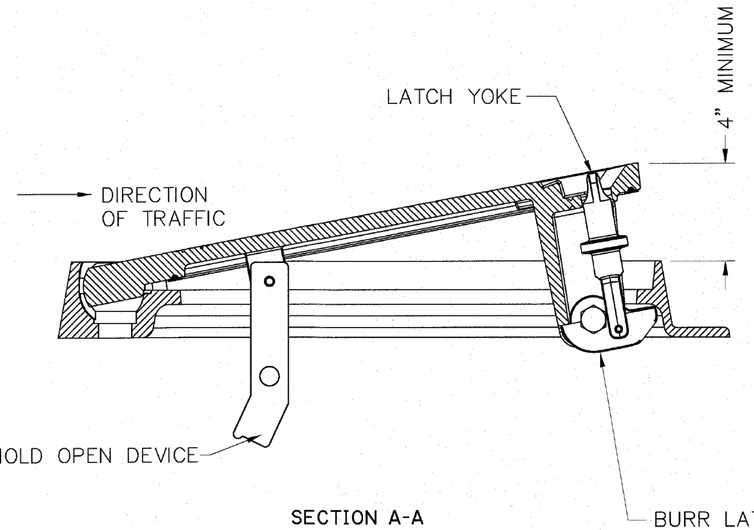
SECTION B-B



CONCEALED PICKHOLE DETAIL



ISOMETRIC BOTTOM VIEW



SECTION A-A

VENTING MANHOLE

CAST IRON COVER AND FRAME

NEENAH FOUNDRY 1650-HV SHOWN
EJ STORMSURGE 24 APPROVED BUT NOT SHOWN

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STATE OF LOUISIANA
ALDEN M. ALLEN
REG. No. 20252
REGISTERED PROFESSIONAL ENGINEER
IN
ENGINEERING
5-25-2018

SHEET NUMBER

PARISH | CONTROL SECTION | STATE PROJECT

DESIGNED AMA | CHECKED AMA | DETAILED TL | CHECKED AMA | SERIES NUMBER 6 OF 6 | 12/01/17

REVISION DESCRIPTION | BY | DATE: 5/25/18

DATE | APPROVED BY CHIEF ENGINEER:

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN MC-01 (6 OF 6)

DOTD HYDRAULICS SECT.

DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

STANDARD PLAN MC-01

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. **C08.24**

R:\2023\231326 - FF&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DP04-CIVIL DETAILS_Standard Plans

CONSTRUCTION DOCUMENTS

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GENERAL NOTES:

1) THIS STRUCTURE MEETS ALL DOTD HYDRAULIC PERFORMANCE CRITERIA WHEN USED IN ACCORDANCE WITH THE DOTD HYDRAULICS MANUAL AND ALL DOTD HYDRAULIC DESIGN POLICIES.

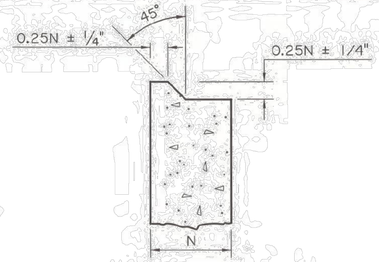
2) PROVIDE PRECAST UNITS AS THE LOWER PORTION OF A COMPOSITE STRUCTURE. PROVIDE CAST-IN-PLACE CONCRETE (SEE APPROPRIATE STANDARD PLAN FOR REQUIRED REINFORCING AND DIMENSIONS) FOR THE TOP 1'-6" OF THE STRUCTURE AS FOLLOWS:
   A) CB-01, CB-02, CB-04, CB-05, AND MANHOLES MAY BE FULLY PRECAST IF THE STRUCTURES ARE NOT EXPOSED TO TRAFFIC LOADS; ELEVATIONS MUST BE FIELD VERIFIED PRIOR TO FABRICATION.
   B) CB-06, CB-07, CB-08, AND CB-09 STRUCTURES MUST HAVE THE TOP 18" CAST-IN-PLACE; ELEVATIONS MUST BE FIELD VERIFIED PRIOR TO FABRICATION.

3) DESIGN IS TO BE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, EIGHTH EDITION, 2017, AND THE LATEST LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.

4) FINISH CAST-IN-PLACE CONCRETE IN ACCORDANCE WITH OTHER STANDARD PLANS AND 805.

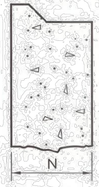
5) FORM PIPE OPENINGS ONLY AS REQUIRED FOR INTERSECTING PIPES. PROVIDE OPENING DIMENSIONS TO ACCOMMODATE PIPE DIAMETER AND SKEW ANGLE. PROVIDE OPENING DIMENSION THAT IS 4±1/2 INCH LARGER THAN OUTSIDE PIPE DIMENSION.

6) RESILIENT CONNECTORS OR CONCRETE COLLARS ARE REQUIRED FOR CONNECTIONS OF ALL PIPE SIZES (EXCEPT YARD DRAIN PIPE AND UNDERDRAINS) WITH COST TO BE INCLUDED IN THE COST OF THE PRECAST STRUCTURE.



JOINT DETAIL A
PRECAST/PRECAST

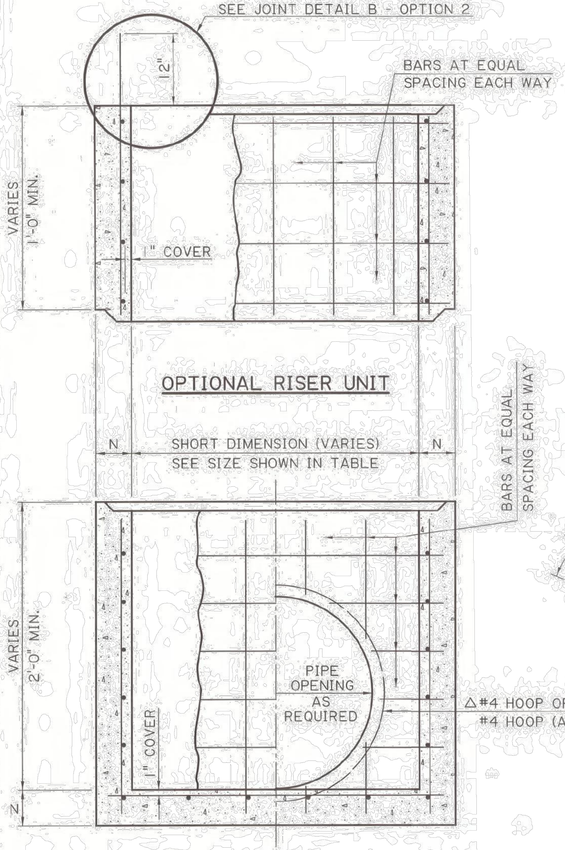
1. SEAL AND WRAP JOINT IN ACCORDANCE WITH 702.04.01



JOINT DETAIL B - OPTION 1
CAST-IN-PLACE/PRECAST

JOINT DETAIL B - OPTION 2
CAST-IN-PLACE/PRECAST

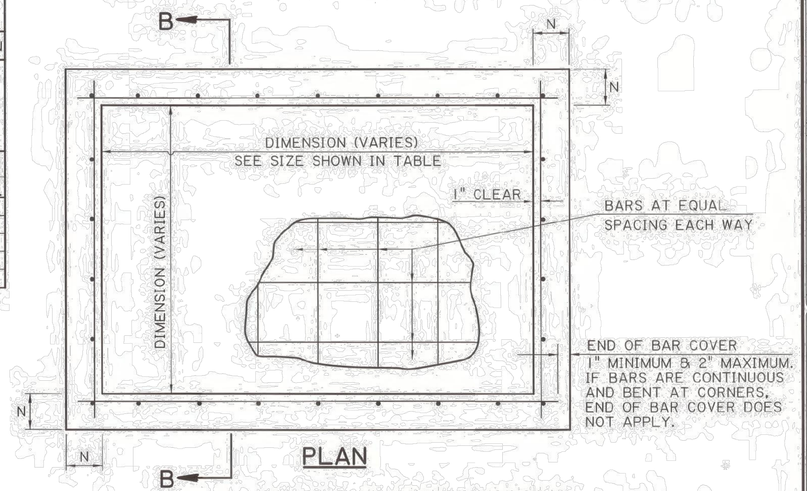
IN OPTIONS 1 AND 2, COAT PRECAST CONCRETE JOINT SURFACE AND A MAXIMUM OF 2 INCHES OF REINFORCING STEEL WITH TYPE V, GRADE 2 OR GRADE 3 EPOXY RESIN CONFORMING TO 1017. APPLY EPOXY RESIN AND PLACE CONCRETE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

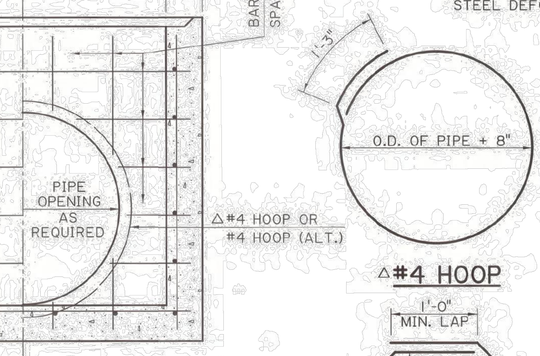


PRECAST UNITS FOR CATCH BASINS & MANHOLES

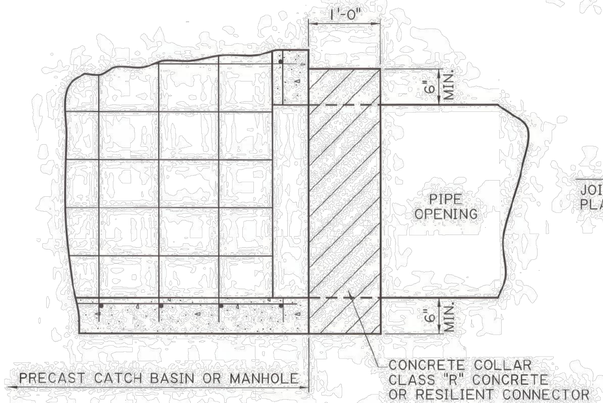
MAXIMUM HEIGHT	N	4' MAX. DIMENSION			6' MAX. DIMENSION			8' MAX. DIMENSION			10' MAX. DIMENSION		
		⊙TYPICAL SIZES 3'X3', 4'X4'			⊙TYPICAL SIZES 6'X4', 6'X6'			⊙TYPICAL SIZES 8'X4', 8'X6', 8'X8'			⊙TYPICAL SIZES 10'X4', 10'X6', 10'X8', 10'X10'		
FT.	IN.	BAR SIZE	SPAC.* IN.	As⊠ IN²/FT.	BAR SIZE	SPAC.* IN.	As⊠ IN²/FT.	BAR SIZE	SPAC.* IN.	As⊠ IN²/FT.	BAR SIZE	SPAC.* IN.	As⊠ IN²/FT.
8	4	4	6	0.40									
8	6	4	9	0.27	4	8	0.30	4	5.5	0.44	5	5.5	0.68
14	6	4	9	0.27	4	6	0.40	5	5	0.74	5	3.25	1.14
20	6	4	7	0.34	4	4.5	0.53						

⊙ OTHER SIZES ARE ACCEPTABLE AS LONG AS THE DIMENSIONS DO NOT EXCEED THE MAXIMUM DIMENSIONS.
* BAR SPACING APPLIES TO BOTH DIRECTIONS AND AT ALL LOCATIONS.
⊠ BAR SIZES AND SPACING MAY DIFFER FROM VALUES SHOWN, BUT THE AREA OF STEEL (A_s) SHALL BE EQUAL TO OR GREATER THAN VALUE SHOWN, AND BAR SPACING SHALL NOT EXCEED 1.5 TIMES THE WALL THICKNESS. THE AREA OF STEEL (A_s) MAY BE PROVIDED WITH STEEL DEFORMED WELDED WIRE FABRIC.

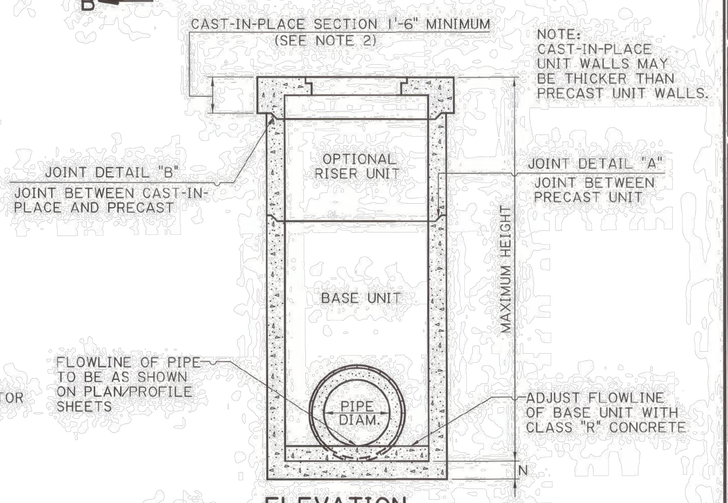




△ #4 HOOP MAY BE USED WHEN PIPE IS CIRCULAR AND CONNECTS TO THE CATCH BASIN AT +/- 90 (DEGREE) ANGLE. #4 HOOP (ALT.) SHALL BE USED FOR NON-CIRCULAR (ELLIPTICAL) PIPES AND ALL PIPES THAT ENTER THE CATCH BASIN AT A SKEWED ANGLE.



PIPE CONNECTION DETAIL



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SHEET NUMBER

PARISH | CONTROL SECTION | STATE PROJECT

DESIGN | CHECK | DETAIL | CHECK | REVIEW | SERIES 1 OF 1

STATE OF LOUISIANA
J. BRYAN CROUCH
REG. No. 29179
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
9/28/23
HYDRAULICS

STATE OF LOUISIANA
XUYONG WANG
REG. No. 32508
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
9/28/23
STRUCTURAL

APPROVED BY CHIEF ENGINEER: DATE: 10-2-2023

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

PRECAST CATCH BASINS AND MANHOLES
STANDARD PLAN: PC-01

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
HYDRAULICS SECTION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN PC-01

ATTENTION:
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1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

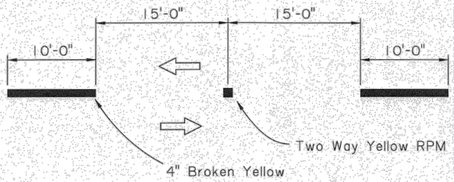
DATE: 06/27/2025

SHEET NO.
C08.25

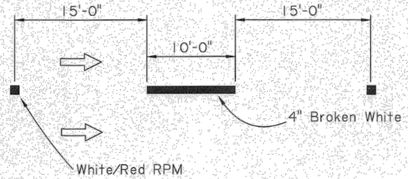
CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Renov, & Streets\7.0 CAD\Production Plan\231326C-D704-CIVIL DETAILS_Standard Plans

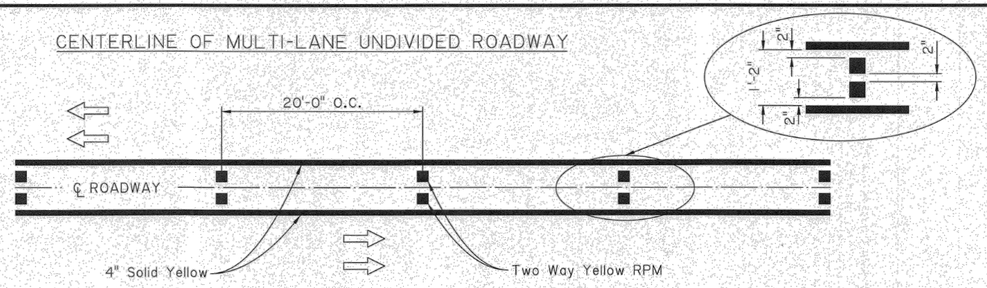
Ⓐ CENTERLINE OF TWO-LANE ROADWAY WITH TWO-WAY TRAFFIC



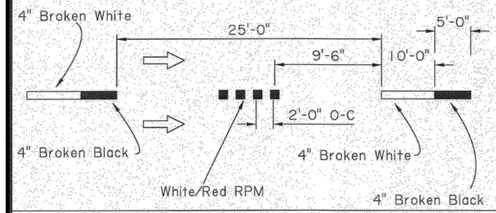
Ⓑ LANE LINE BETWEEN LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION



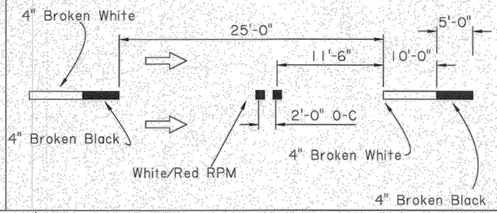
Ⓒ CENTERLINE OF MULTI-LANE UNDIVIDED ROADWAY



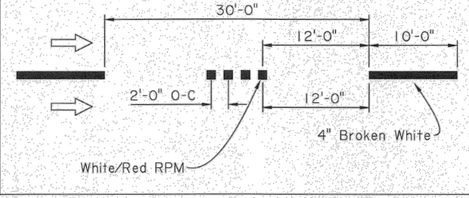
Ⓓ CONTRAST LANE LINE BETWEEN LANES ON PORTLAND CEMENT CONCRETE ADT ≥ 80,000



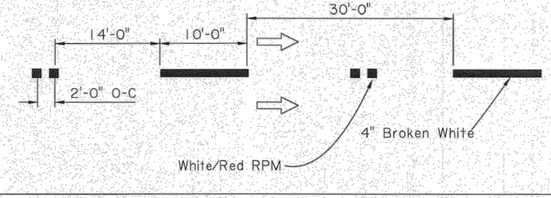
Ⓔ CONTRAST LANE LINE BETWEEN LANES ON PORTLAND CEMENT CONCRETE ADT < 80,000



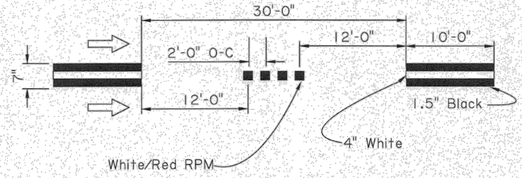
Ⓕ LANE LINE BETWEEN LANES ON ASPHALT CONCRETE WITH ADT ≥ 80,000



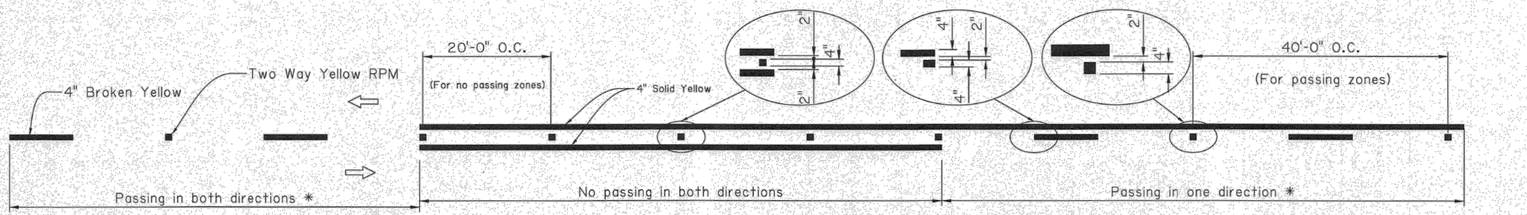
Ⓖ LANE LINE BETWEEN LANES ON ASPHALT CONCRETE WITH ADT < 80,000



Ⓗ CONTRAST LANE LINE BETWEEN LANES ON PORTLAND CONCRETE ADT ≥ 80,000

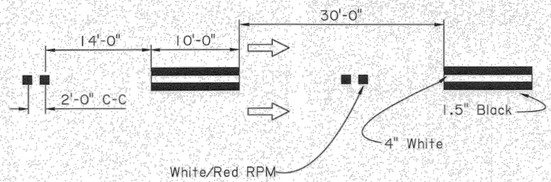


Ⓘ CENTERLINE OF TWO-LANE ROADWAY WITH TWO-WAY TRAFFIC WITH PASSING RESTRICTIONS



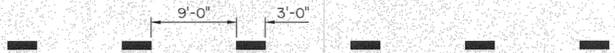
* See Ⓐ for broken line dimensions.

Ⓙ CONTRAST LANE LINE BETWEEN LANES ON PORTLAND CONCRETE ADT < 80,000



Ⓚ TYPE A DOTTED

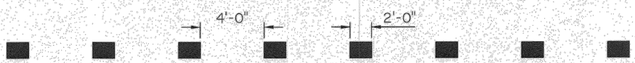
Used for entrance, exit and auxiliary lanes, lane drop markings and shared use bicycle paths.



Note: Width and color shall match line extending unless otherwise noted.

Ⓛ TYPE B DOTTED

Used for lane line extensions through intersections, turn lane taper markings, edge line extensions and bulb outs.



Note: Width and color shall match line extending unless otherwise noted.

GENERAL NOTES:

1. 4" Edge lines shall be placed on all roadways.
2. Place edge lines, centerlines and lane lines to avoid longitudinal joints as directed by the project engineer.
3. Edge lines in a curb and gutter section should be kept out of the gutter and clear from debris.
4. If rumble strips are used, striping details remain unchanged.
5. Centerlines shall be placed on roadways with a traveled way width of 16 feet or greater.
6. Where the clear width of a bridge is less than the clear width of the roadway, reflectorized pavement markers shall be placed adjacent to the edge line at 20' centers.
7. ⇨ indicates the direction of travel (not a pavement marker).
8. For non-interstate striping, use one Raised Reflectorized Pavement Marker.
9. White Reflectorized Pavement Marker faces same direction traffic and red faces opposing traffic.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

GARY N. LeBLANC
REG. No. 28220
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
STATE OF LOUISIANA
2-27-19

APPROVED BY CHIEF ENGINEER:
DATE 2/28/19

SHEET NUMBER		
PARISH	CONTROL SECTION	STATE PROJECT
DESIGNED G. LEBLANC J. COLVIN	DETAILED K. WILLIAMS G. LEBLANC	DATE SHEET
CHECKED	CHECKED	

PM-01
Centerline and Edgeline Markings
PAVEMENT MARKING DETAILS
TRAFFIC ENGINEERING

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643
CIVIL DETAILS - DOTD STANDARD PLAN PM-01

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

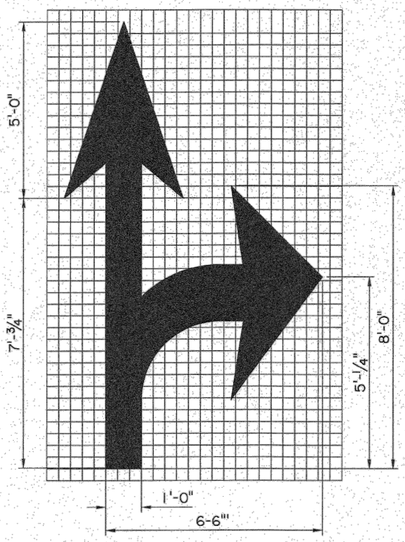
DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. **C08.26**

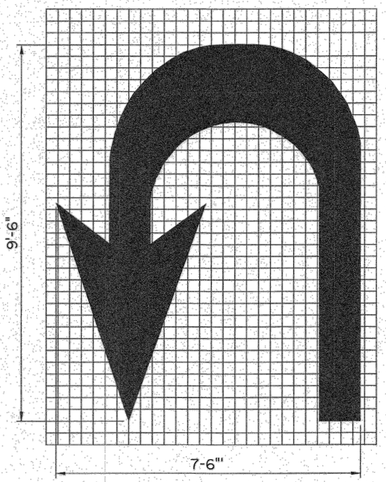
CONSTRUCTION DOCUMENTS

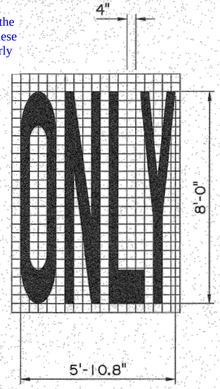
R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT04-CIVIL DETAILS_Standard Plans

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

Ⓐ TURN ARROW AND ONLY WORD MARKING

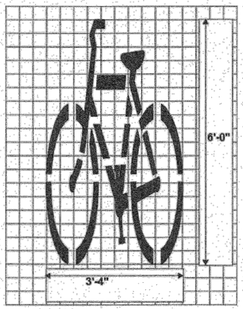




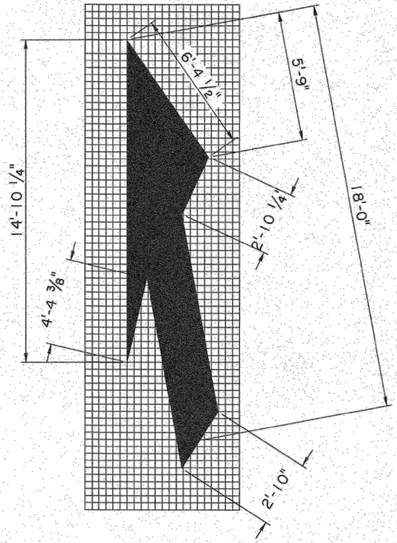


*For left turn arrow, use mirror image.

Ⓑ BIKE SYMBOL

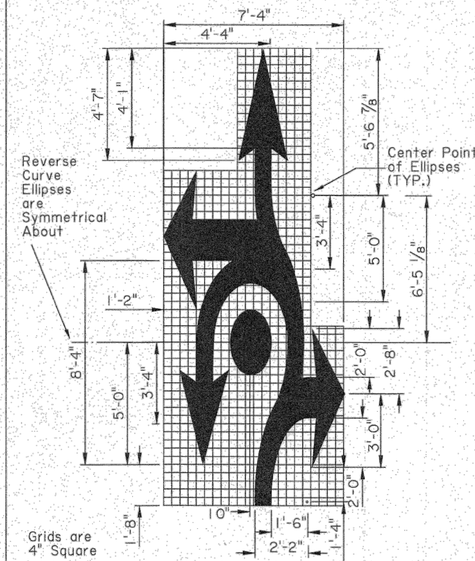


Ⓒ LANE REDUCTION ARROW

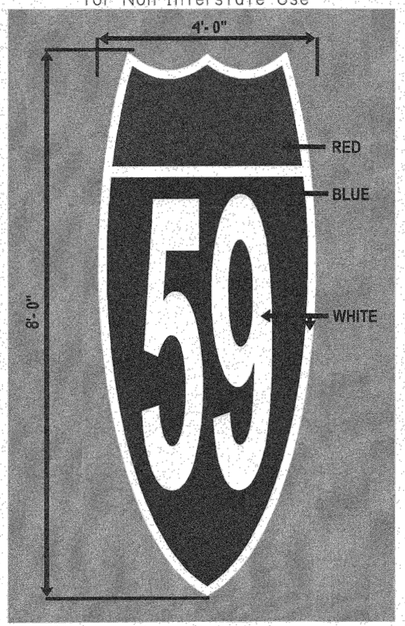


*For left lane reduction, use mirror image.

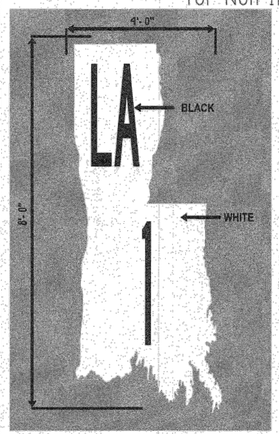
Ⓓ DIRECTIONAL ARROWS FOR ROUNDABOUTS (FISHHOOK)



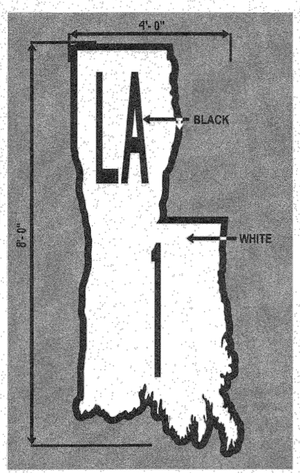
Ⓔ INTERSTATE SHIELD for Non-Interstate Use



Ⓕ STATE HIGHWAY SHIELDS for Non-Interstate Use

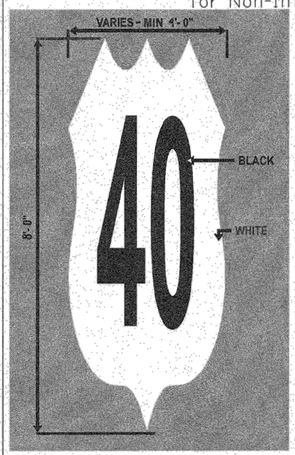


FOR USE ON DARK PAVEMENT.

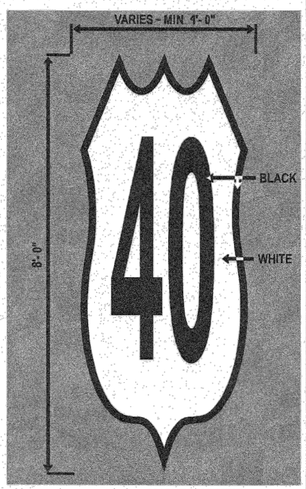


FOR USE ON LIGHT PAVEMENT.

Ⓖ STATE HIGHWAY SHIELDS for Non-Interstate Use

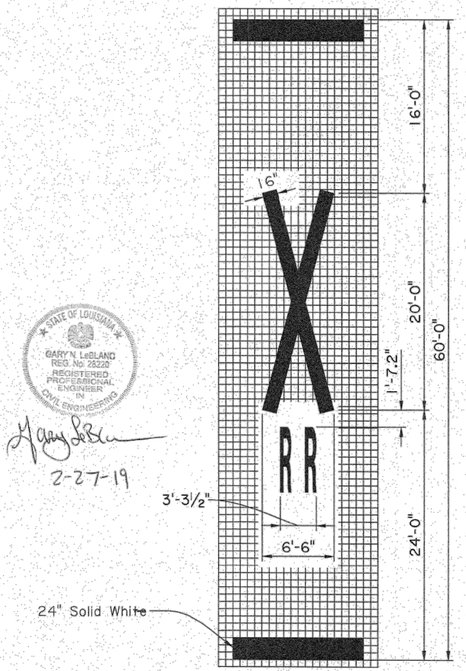


FOR USE ON DARK PAVEMENT.



FOR USE ON LIGHT PAVEMENT.

Ⓗ RAILROAD CROSSING PAVEMENT MARKINGS



STATE OF LOUISIANA
GARY N. LeBLANC
REG. NO. 25220
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
2-27-19

SHEET NUMBER

DESIGNED	G. LEBLANC
CHECKED	J. COLVIN
DETAILED	K. WILLIAMS
CHECKED	G. LEBLANC
DATE	
SHEET	

PARISH | CONTROL SECTION | STATE PROJECT

DATE 2/28/19

APPROVED BY CHIEF ENGINEER:

Civil Engineer & Survey:
Forte & Tablada, Inc.
9107 Interline Avenue
Baton Rouge, LA 70809

Landscape Architect:
CARBO Landscape Architecture, LLC
6633 Government Street
Baton Rouge, LA 70806

Mechanical & Electrical Engineer:
Salas O'Brien, LLC
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Environmental - Asbestos:
Rayner Consulting Group
7353 Highland Road, Suite B-38
Baton Rouge, LA 70808

Subsurface Utility Engineering (SUE):
T. Baker Smith, LLC
180 Greenbrier Boulevard
Covington, LA 70433

Geotechnical Engineer:
Premier Geotech and Testing, LLC
9434 Interline Avenue
Baton Rouge, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN PM-02

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

PM-02
Pavement Word and Symbol Markings for Non-Interstate Use

PAVEMENT MARKING DETAILS

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. **C08.27**

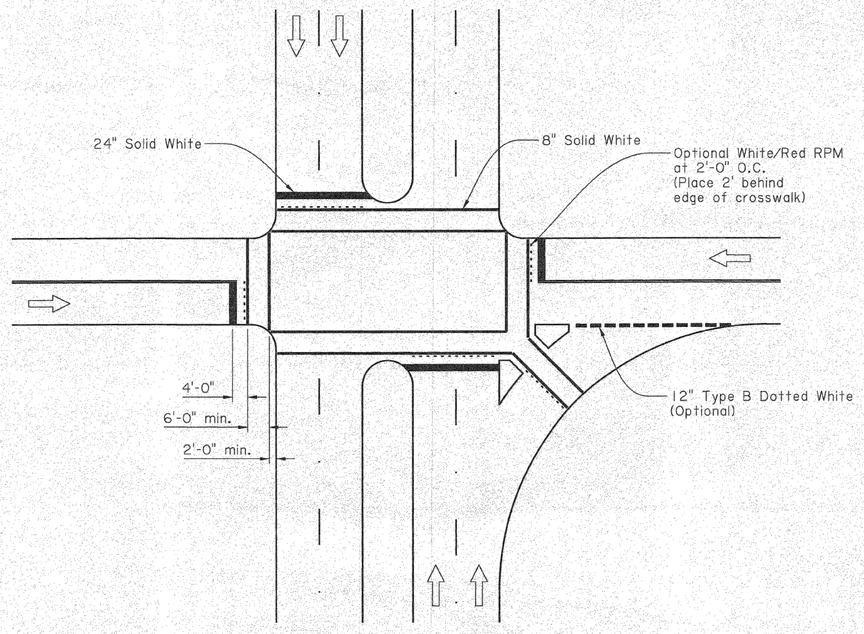
TRAFFIC ENGINEERING

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DT04-CIVIL DETAILS_Standard Plans

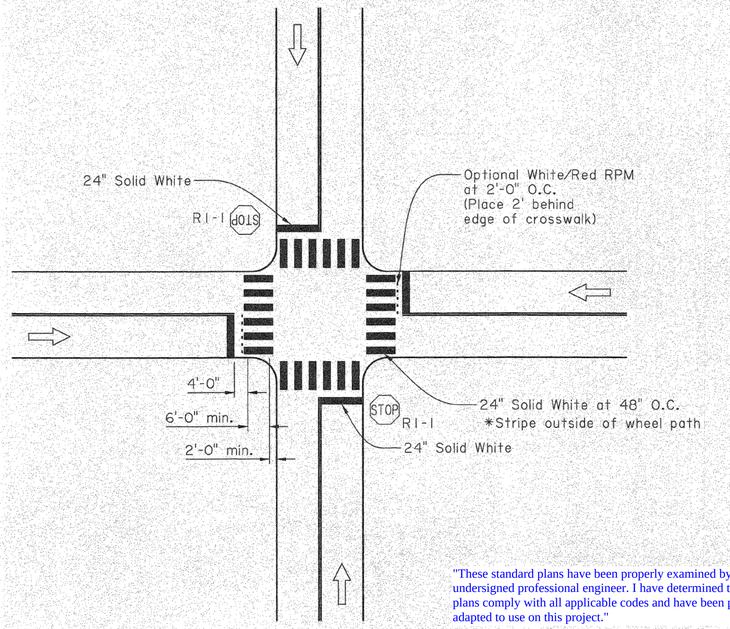
Ⓐ

CROSSWALK MARKINGS AT SIGNALIZED INTERSECTION



Ⓑ

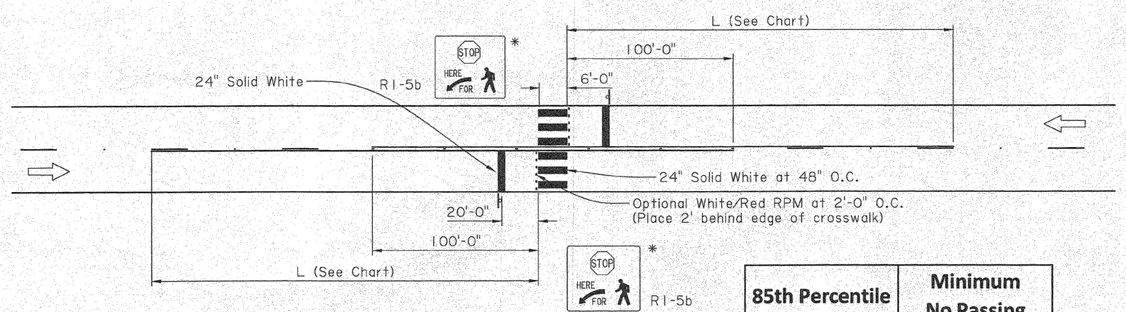
CROSSWALK MARKINGS AT UNSIGNALIZED INTERSECTION



"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

Ⓒ

MID-BLOCK CROSSWALK MARKINGS

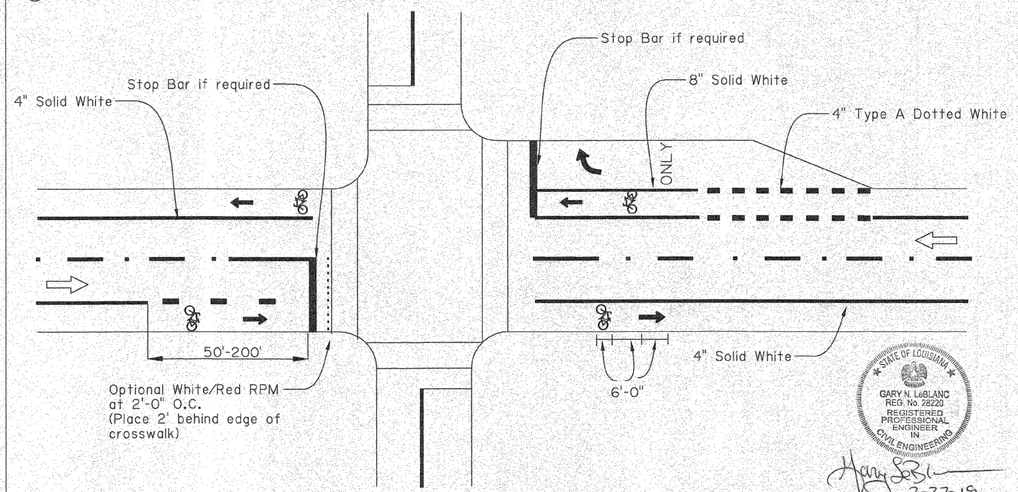


85th Percentile or Speed Limit (mph)	Minimum No Passing on Approach (L in feet)
25	100
30	100
35	100
40	125
45	175
50	250
55	325
60	400
65	475
70	550

*If within a school zone, sign may be changed to the In Street Schoolchildren Crossing (R1-6c) sign.

Ⓓ

BIKE LANE AT INTERSECTION WITH RIGHT TURN LANE



GENERAL NOTES:

1. All new and existing crosswalk placement shall require approval by the DTOE and justification through an engineering study.
2. If the width of the existing sidewalk is greater than 6 feet, the width of the crosswalk should match the width of the sidewalk.
3. ⇨ indicates direction of travel (not a pavement marker).
4. Bicycle pavement markings should be placed at the beginning of bike lanes, before and after each intersection with a minimum spacing of 100 ft in urban areas to a maximum of 1000 feet in suburban areas.

SHEET NUMBER

DESIGNED	G. LEBLANC	PARISH	CONTROL SECTION	STATE PROJECT
CHECKED	J. COLVIN			
DETAILED	K. WILLIAMS			
CHECKED	G. LEBLANC			
DATE				
SHEET				

DATE 6/28/19

APPROVED BY: CHIEF ENGINEER

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
ENGINEERING
06/27/2025

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN PM-08

PM-08 Pedestrian/Bike Striping Layout

PAVEMENT MARKING DETAILS

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO. **C08.28**

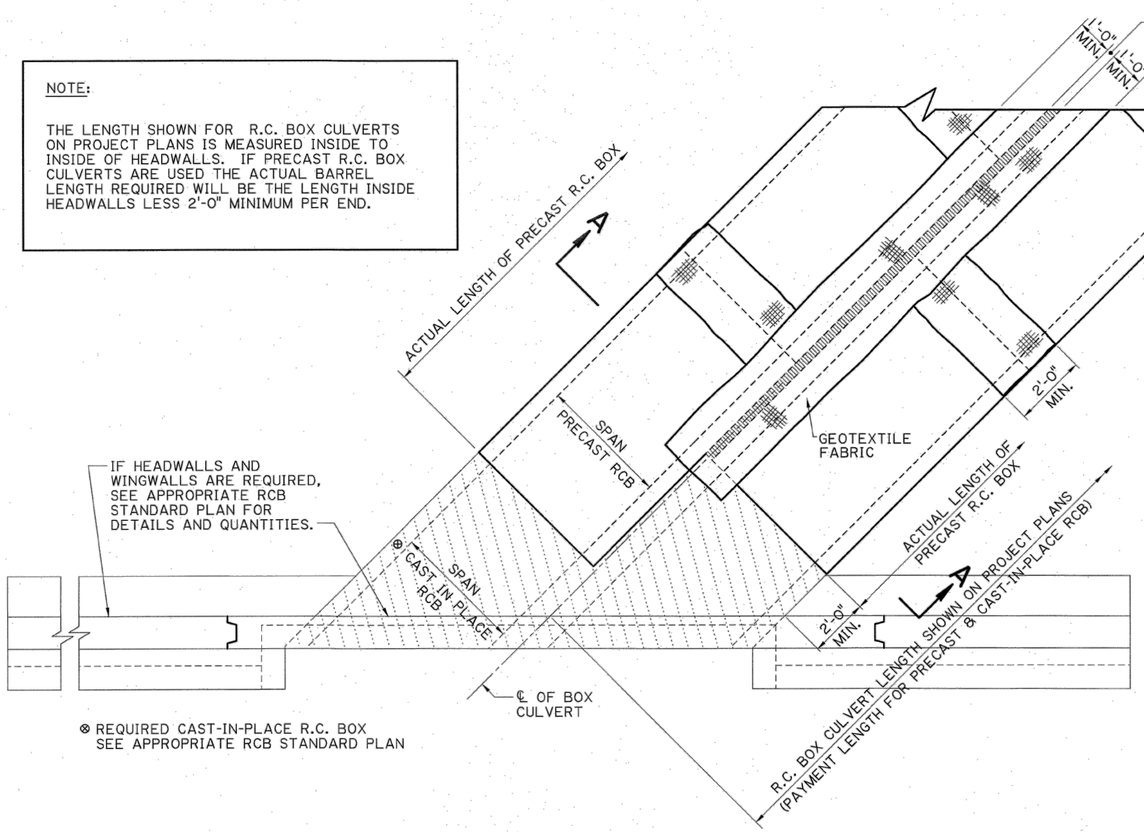
DOTD TRAFFIC ENGINEERING

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326-0704-CIVIL DETAILS_Standard Plans

NOTE:

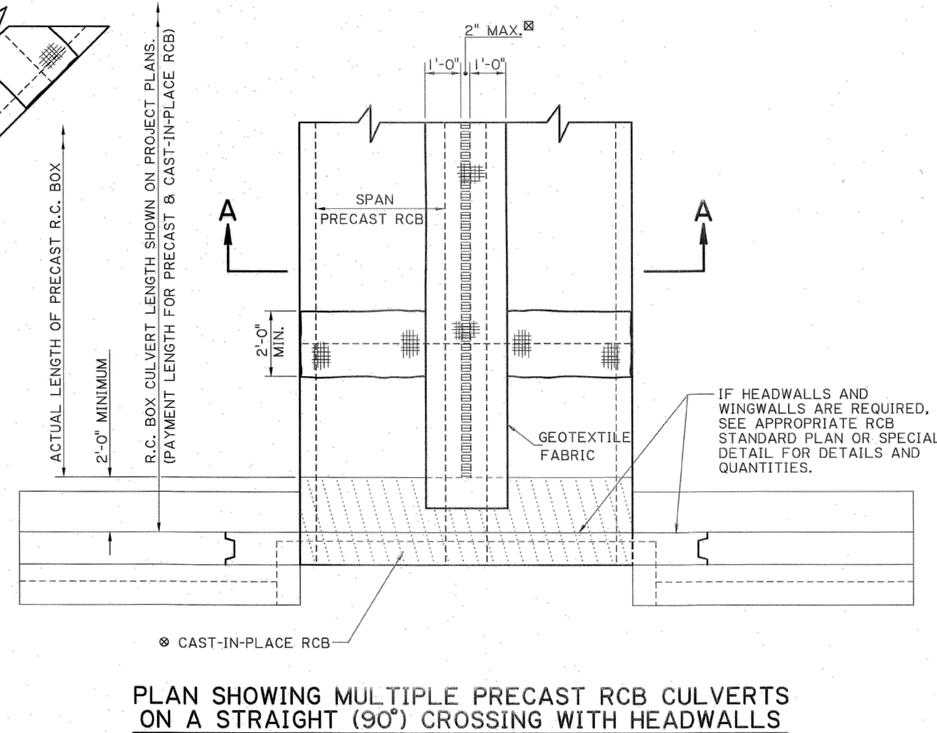
THE LENGTH SHOWN FOR R.C. BOX CULVERTS ON PROJECT PLANS IS MEASURED INSIDE TO INSIDE OF HEADWALLS. IF PRECAST R.C. BOX CULVERTS ARE USED THE ACTUAL BARREL LENGTH REQUIRED WILL BE THE LENGTH INSIDE HEADWALLS LESS 2'-0" MINIMUM PER END.



⊗ REQUIRED CAST-IN-PLACE R.C. BOX SEE APPROPRIATE RCB STANDARD PLAN

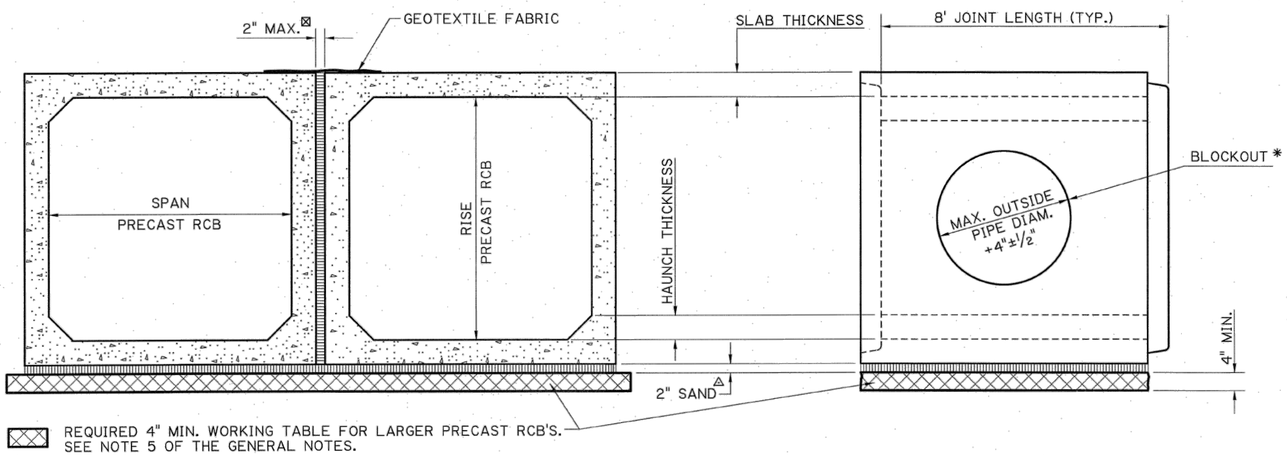
PLAN SHOWING MULTIPLE PRECAST RCB CULVERTS ON A SKEWED CROSSING WITH HEADWALLS

⊠2" MAX. SPACE ALLOWED BETWEEN PRECAST UNITS, IF NECESSARY. TO BE END BLOCKED AND FILLED WITH SAND OR FLOWABLE FILL. COST TO BE INCLUDED IN COST OF PRECAST RCB.



⊗ CAST-IN-PLACE RCB

PLAN SHOWING MULTIPLE PRECAST RCB CULVERTS ON A STRAIGHT (90°) CROSSING WITH HEADWALLS



REQUIRED 4" MIN. WORKING TABLE FOR LARGER PRECAST RCB'S. SEE NOTE 5 OF THE GENERAL NOTES.

SECTION A-A

SIDE ELEVATION OF PIPE JOINT SHOWING MAXIMUM BLOCKOUT AND PIPE DIAMETER

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

GENERAL NOTES

1) FOR GENERAL SPECIFICATIONS OF PRECAST RCB SEE SECTION 805 AND 1016 OF THE LA DOTD STANDARD SPECIFICATIONS.

2) A MINIMUM 2 FOOT WIDE STRIP OF GEOTEXTILE FABRIC SHALL COVER THE ADJOINING LONGITUDINAL EDGES OF MULTI-BARREL BOXES AND JOINTS BETWEEN PRECAST UNITS. FABRIC EDGES AND ENDS SHALL BE SUITABLY SECURED. GEOTEXTILE FABRIC SPECIFICATIONS SHALL CONFORM TO THE SPECIFICATIONS FOR PIPE UNDER SECTION 1019 OF THE LA DOTD STANDARD SPECIFICATIONS. COST TO BE INCLUDED IN COST OF PRECAST RCB.

3) #4 DOWEL BARS, MINIMUM 20" LONG (10" EMBEDDED) AT 12" CENTERS ARE REQUIRED, TO CONNECT THE LAST PRECAST UNIT TO ANY CAST-IN-PLACE SECTION OF BOX.

* 4) BLOCKOUTS FOR PIPE INTO PRECAST RCBS ARE THE RESPONSIBILITY OF THE CONTRACTOR. BLOCKOUT LOCATIONS ARE AS DIRECTED BY THE PROJECT ENGINEER. BLOCKOUT SHALL NOT BE GREATER THAN ½ THE RISE OF PRECAST RCB AND SHALL NOT BE LOCATED IN THE HAUNCH.

△ 5) IN ADDITION TO BEDDING MATERIAL, A MINIMUM 4 INCH THICK, CLASS R CONCRETE, WORKING TABLE WILL BE REQUIRED FOR 6' X 6' AND LARGER PRECAST RCB FIELD INSTALLATIONS. AN ADDITIONAL 2 INCHES OF SAND SHALL BE PLACED AND LEVELED UPON THE CONCRETE WORKING TABLE. COST OF WORKING TABLE AND SAND TO BE INCLUDED IN COST OF PRECAST RCB.

⊗ 6) FOR THE CAST-IN-PLACE PORTIONS OF THE CULVERT, THE REBAR SIZE AND SPACING SHALL MATCH OR EXCEED THE PRECAST SECTIONS. CONTRACTOR TO USE APPROVED PRECAST RCB SHOP DRAWING FOR REBAR REQUIREMENTS.

7) WALL AND SLAB THICKNESSES MAY VARY IN THE TRANSITION AREA BETWEEN THE LAST PRECAST UNIT AND THE CAST-IN-PLACE SECTION OF THE BOX AND HEADWALL. CONTRACTOR SHALL MAKE ADJUSTMENTS TO THE DIMENSIONS AND QUANTITIES OF REINFORCING STEEL AND CONCRETE IN THE CAST-IN-PLACE SECTIONS AS NECESSARY AT NO ADDITIONAL COST.

SHEET NUMBER

PARISH | CONTROL SECTION | STATE PROJECT

DESIGN | CHECK | DETAIL | CHECK | REVIEW | SERIES # | 1 OF 1

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD, SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STATE OF LOUISIANA
METRA HASHEMIEH
REG. No. 28546
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
7/19/2022

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.190026431

CIVIL DETAILS - DOTD STANDARD PLAN PRCB-01

APPROVED BY CHIEF ENGINEER: DATE: 7/20/2022

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PRECAST REINFORCED CONCRETE BOX CULVERTS
DETAILS AND SPECIFICATIONS
STANDARD PLAN PRCB-01

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

HYDRAULICS SECTION

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT

CHECKED BY: ABH

DATE: 06/27/2025

SHEET NO.
C08.29

CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Reno, & Streets\7.0 CAD\Production Plan\231326C-DP04-CIVIL DETAILS_Standard Plans

TABLE 1

CORRUGATED STEEL PIPE
(2 2/3 INCH X 1/2 INCH CORRUGATION)

PIPE DIAMETER INCHES	HEIGHT OF FILL ABOVE TOP OF PIPE IN FEET								MIN. COVER INCHES
	1-10	10.1-15	15.1-20	20.1-25	25.1-30	30.1-35	35.1-40	40.1-50	
8 OR LESS	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	9
10	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	9
12	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	9
15	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	9
18	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	9
21	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	9
24	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	12	9
30	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	12	8	9
36	14 (16)	14 (16)	14 (16)	14 (16)	14	14	10	--	9
42	14 (16)	14 (16)	14 (16)	14 (16)	14	14	12	--	9
48	14 (16)	14 (16)	14 (16)	14 (16)	14	14	12	--	9
54	14	14	14	14	14	12	12	--	9
60	12	12	12	12	12	12	12	--	9
66	10	10	10	10	10	10	10	--	9
72	10	10	10	10	10	10	10	--	9
78	8	8	8	8	8	8	--	--	9
84	8	8	8	8	8	8	--	--	9

DOUBLE LINE RIVETS SINGLE LINE RIVETS

TABLE 2

CORRUGATED STEEL PIPE
(5 INCH X 1 INCH CORRUGATION AND
3 INCH X 1 INCH CORRUGATION)

PIPE DIAMETER INCHES	HEIGHT OF FILL ABOVE TOP OF PIPE IN FEET								MIN. COVER INCHES
	1-10	10.1-15	15.1-20	20.1-25	25.1-30	30.1-35	35.1-40	41.1-50	
36	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	9
42	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	9
48	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	12	9
54	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	12	12	9
60	14 (16)	14 (16)	14 (16)	14 (16)	14	14	12	10	9
66	14 (16)	14 (16)	14 (16)	14 (16)	14	12	12	8	9
72	14 (16)	14 (16)	14 (16)	14	12	12	12	--	9
78	14 (16)	14 (16)	14 (16)	14	12	12	12	--	9
84	14 (16)	14 (16)	14 (16)	14	12	12	10	--	9
90	14 (16)	14 (16)	14	12	12	12	10	--	12
96	14	14	14	12	12	10	8	--	12
102	14	14	14	12	12	10	8	--	12
108	12	12	12	12	10	8	--	--	12
114	12	12	12	12	10	8	--	--	12
120	12	12	12	12	10	8	--	--	12
126	10	10	10	10	10	--	--	--	12
132	10	10	10	10	8	--	--	--	12
138	10	10	10	10	8	--	--	--	12
144	8	8	8	8	--	--	--	--	12

TABLE 3

CORRUGATED STEEL PIPE ARCH
(5 INCH X 1 INCH CORRUGATION AND
3 INCH X 1 INCH CORRUGATION)

EQUIV. PIPE DIAMETER INCHES	C.M. PIPE ARCH SPAN X RISE INCHES	HEIGHT OF FILL ABOVE TOP OF ARCH (FEET)		MIN. COVER INCHES
		1-4	4.1-9	
36	40 X 31	14 (16)	14 (16)	9
42	46 X 36	14 (16)	14 (16)	9
48	53 X 41	14 (16)	14 (16)	9
54	60 X 46	14 (16)	14 (16)	9
60	66 X 51	14 (16)	14 (16)	9
66	73 X 55	14	14	9
72	81 X 59	14	14	9
78	87 X 63	14	14	9
84	95 X 67	14	14	9
90	103 X 71	12	12	12
96	112 X 75	12	12	12
102	117 X 79	12	12	12
108	128 X 83	10	10	12
114	137 X 87	10	10	12
120	142 X 91	8	8	12

TABLE 4

CORRUGATED STEEL PIPE ARCH
(2 2/3 INCH X 1/2 INCH CORRUGATION)

EQUIV. PIPE DIAMETER INCHES	C.M. PIPE ARCH SPAN X RISE INCHES	HEIGHT OF FILL ABOVE TOP OF ARCH (FEET)		MIN. COVER INCHES
		1-4	4.1-9	
15	17 X 13	14 (16)	14 (16)	9
18	21 X 15	14 (16)	14 (16)	9
21	24 X 18	14 (16)	14 (16)	9
24	28 X 20	14 (16)	14 (16)	9
30	35 X 24	14 (16)	14 (16)	9
36	42 X 29	14 (16)	14 (16)	9
42	49 X 33	14	14	9
48	57 X 38	12	12	9
54	64 X 43	12	12	9
60	71 X 47	10	10	9
66	77 X 52	8	8	9
72	83 X 57	8	8	9

TABLE 5

CORRUGATED ALUMINUM PIPE
(2 2/3 INCH X 1/2 INCH CORRUGATION)

PIPE DIAMETER INCHES	HEIGHT OF FILL ABOVE TOP OF PIPE IN FEET								MIN. COVER INCHES
	1-10	10.1-15	15.1-20	20.1-25	25.1-30	30.1-35	35.1-40	40.1-50	
8 OR LESS	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	9
10	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	9
12	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	12	9
15	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	12	12	9
18	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	12	12	12	9
21	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	12	12	--	9
24	14 (16)	14 (16)	14	12	12	12	10	--	9
30	14 (16)	14 (16)	12	12	12	--	--	--	9
36	14	14	12	12	--	--	--	--	9
42	14	14	14	14	12	12	12	--	9
48	14	14	12	12	12	12	10	--	9
54	12	12	12	12	12	12	--	--	9
60	10	10	10	10	10	--	--	--	9
66	10	10	10	10	10	--	--	--	9
72	8	8	8	8	--	--	--	--	9

TABLE 6

CORRUGATED ALUMINUM PIPE
(3 INCH X 1 INCH CORRUGATION)

PIPE DIAMETER INCHES	HEIGHT OF FILL ABOVE TOP OF PIPE IN FEET								MIN. COVER INCHES
	1-10	10.1-15	15.1-20	20.1-25	25.1-30	30.1-35	35.1-40	40.1-50	
36	14 (16)	14 (16)	14 (16)	14 (16)	14 (16)	14	14	14	9
42	14 (16)	14 (16)	14 (16)	14 (16)	14	14	14	10	9
48	14 (16)	14 (16)	14 (16)	14	14	14	14	8	9
54	14 (16)	14 (16)	14	14	14	14	12	--	9
60	14 (16)	14 (16)	14	14	14	14	12	--	9
66	14 (16)	14 (16)	14	14	14	12	12	--	9
72	14	14	14	14	12	12	12	--	9
78	14	14	14	14	12	12	12	--	9
84	12	12	12	12	12	12	10	--	9
90	12	12	12	12	12	12	10	--	12
96	12	12	12	12	12	10	8	--	12
102	10	10	10	10	10	10	8	--	12
108	10	10	10	10	10	10	--	--	12
114	8	8	8	8	8	8	--	--	12
120	8	8	8	8	8	8	--	--	12

TABLE 7

CORRUGATED ALUMINUM PIPE
(6 INCH X 1 INCH CORRUGATION)

PIPE DIAMETER INCHES	HEIGHT OF FILL ABOVE TOP OF PIPE IN FEET								MIN. COVER INCHES
	1-10	10.1-15	15.1-20	20.1-25	25.1-30	30.1-35	35.1-40	40.1-50	
30	14 (16)	14 (16)	14 (16)	14 (16)	14	14	12	12	9
36	14 (16)	14 (16)	14 (16)	14	14	14	12	10	9
42	14 (16)	14 (16)	14 (16)	14	14	12	12	10	9
48	14 (16)	14 (16)	14 (16)	14	12	12	10	--	9
54	14 (16)	14 (16)	14 (16)	12	12	10	8	--	9
60	14 (16)	14 (16)	14 (16)	12	10	10	8	--	9
66	14 (16)	14 (16)	14	12	10	8	--	--	9
72	12	12	12	10	8	--	--	--	9
84	10	10	10	10	--	--	--	--	9
96	8	8	8	8	--	--	--	--	12

TABLE 8

CORRUGATED ALUMINUM PIPE ARCH
(2 2/3 INCH X 1/2 INCH CORRUGATION)

EQUIV. PIPE DIAMETER INCHES	C.A. PIPE ARCH SPAN X RISE INCHES	HEIGHT OF FILL ABOVE TOP OF ARCH (FEET)		MIN. COVER INCHES
		1-4	4.1-9	
15	17 X 13	14 (16)	14 (16)	9
18	21 X 15	14 (16)	14 (16)	9
21	24 X 18	14 (16)	14 (16)	9
24	28 X 20	14 (16)	14 (16)	9
30	35 X 24	14	14	9
36	42 X 29	14	14	9
42	49 X 33	12	12	9
48	57 X 38	10	10	9
54	64 X 43	10	10	9
60	71 X 47	8	8	9
66	77 X 52	8	8	9

GENERAL NOTES

1) MINIMUM PIPE WALL THICKNESS AND COATING REQUIREMENTS FOR ALL METAL PIPE WILL BE AS SHOWN ON THE PROJECT PLANS UNDER " SUMMARY OF DRAINAGE STRUCTURES ".

2) JOINT TYPES FOR ALL CIRCULAR AND ARCH METAL PIPE SHALL CONFORM TO CURRENT LA DOTD STANDARD SPECIFICATIONS AND SHALL BE AS SHOWN ON THE SUMMARY OF DRAINAGE STRUCTURE PLAN SHEETS.

GAGE NO.	16	14	12	10	8	
THICKNESS (IN.)	0.060	0.075	0.105	0.135	0.164	ALUMINUM
	0.064	0.079	0.109	0.138	0.168	GALVANIZED STEEL

3) PIPE WALL THICKNESS SHOWN ON PROJECT PLANS MAY VARY FROM PIPE WALL THICKNESS SHOWN IN TABLES DUE TO LOCAL PH, RESISTIVITY AND ABRASIVE CONDITIONS.

4) MINIMUM COVER IS MEASURED FROM TOP OF PIPE TO THE TOP OF THE SUBGRADE. MINIMUM COVER SHOWN IS ADEQUATE FOR H-20 LOADING WHEN PAVEMENT IS IN PLACE. DURING CONSTRUCTION, WHEN HEAVY LOADS MAY BE DRIVEN OVER OR CLOSE TO BURIED STRUCTURE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ADDITIONAL COVER NEEDED TO PROTECT THE PIPE.

5) MAXIMUM FILL HEIGHT IS MEASURED FROM TOP OF PIPE TO TOP OF SURFACING.

6) SEE STANDARD SPECIFICATIONS AND STANDARD PLAN BM-01 FOR DETAILS OF BACKFILL PROCEDURES. SPECIAL CARE SHOULD BE TAKEN TO THOROUGHLY COMPACT BACKFILL UNDER PIPE HAUNCHES.

7) FOR CIRCULAR PIPE, THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN 1% OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER.

8) FOR ARCH PIPE A TOLERANCE OF 1" ± OR 2% OF EQUIVALENT CIRCULAR DIAMETER, WHICHEVER IS GREATER, WILL BE PERMISSIBLE IN SPAN AND RISE.

9) GAGES SHOWN IN PARENTHESES MEET AASHTO REQUIREMENTS AND ARE THE GAGE WHICH WOULD NORMALLY BE USED. THE HEAVIER GAGES (NOT IN PARENTHESES) SHOULD BE USED ON DOTD PROJECTS.

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

SHEET NUMBER

PARISH	FEDERAL PROJECT	STATE PROJECT

DESIGNED CDJ | CHECKED HJB
DETAILED KAJ | CHECKED WMR
DATE | SHEET 1 OF 2

BY	DATE	REVISION DESCRIPTION
JDK	10-5-05	Eliminated all reference to Plastic Pipe and Table 9
WMR	7-3-02	Redrafted, Added Plastic Pipe Table, General Revisions
HJB	3-27-84	Fill Height Tables - Connecting Bands

APPROVED BY CHIEF ENGINEER: Walter H. Temple II
DATE: 10-5-05

METAL PIPE WALL THICKNESS AND CONNECTING BANDS, FILL HEIGHT FOR METAL PIPE

STANDARD PLAN SAM-1

HYDRAULICS SECTION

LSU

FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

CIVIL DETAILS - DOTD STANDARD PLAN SAM-1 (1 of 2)

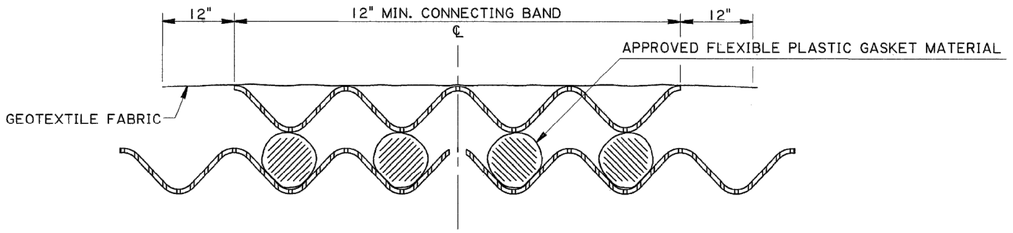
STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

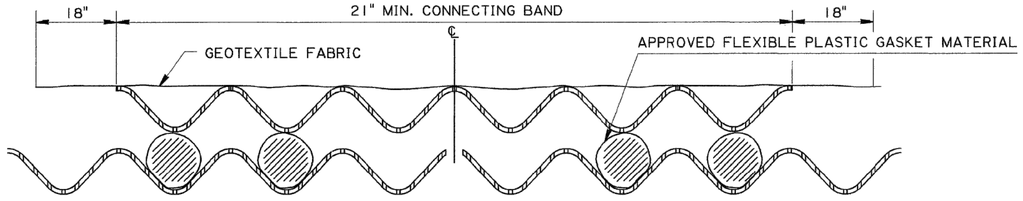
REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.30



FOR PIPES LESS THAN OR EQUAL TO 36" ROUND OR EQUIVALENT ARCH

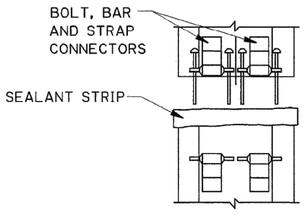


FOR PIPES GREATER THAN 36" ROUND OR EQUIVALENT ARCH
AND FOR ALL SIZES OF 6 X 1 AND 5 X 1 CORRUGATIONS

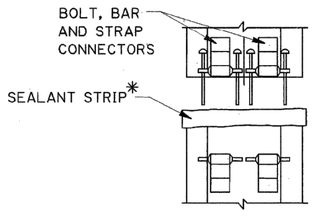
METHOD OF SEALING ANNULAR JOINT AT CONNECTING BAND WHERE TWO PIPE SECTIONS ARE JOINED

FLEXIBLE PLASTIC GASKET SYSTEM

T2 & T3 JOINTS AS SHOWN (WITH RODS & LUGS).
T1 JOINT SIMILAR, EXCEPT REQUIRES ONLY ONE STRIP OF PLASTIC GASKET MATERIAL IN SECOND CORRUGATION EACH SIDE OF JOINT.

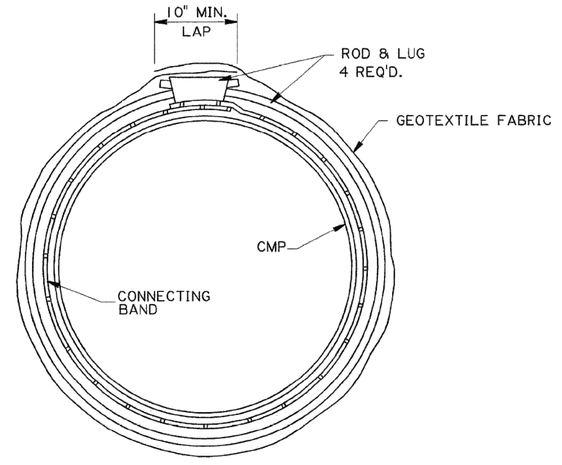


CONNECTION DETAIL
DOUBLE HARNESS

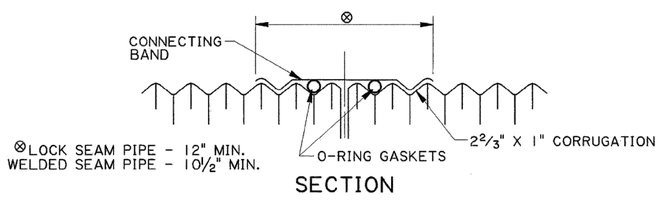


CONNECTION DETAIL
DOUBLE HARNESS

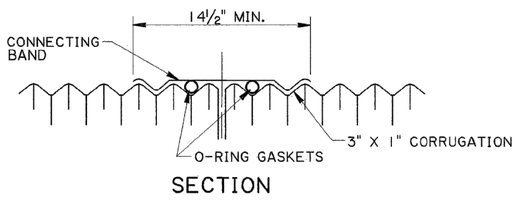
*BAND LAP SEALANT TO BE FLEXIBLE PLASTIC GASKET MATERIAL. REQUIRED THICKNESS IN TABLE. REQUIRED WIDTH IS BAND WIDTH PLUS 2".



CONNECTING BAND WITH ROD & LUG
(FLEXIBLE PLASTIC GASKET SYSTEM)



SECTION



SECTION

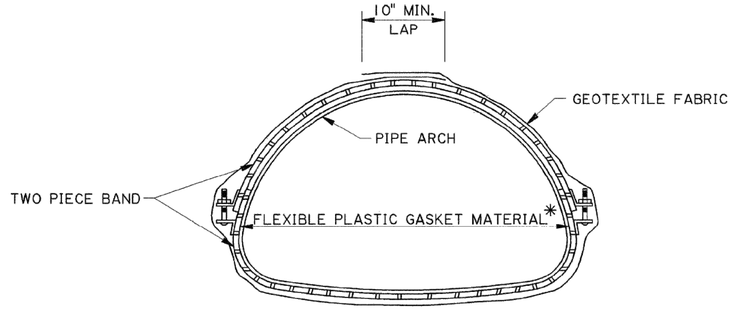
ALTERNATE CONNECTING BANDS
O-RING SYSTEM

GEOTEXTILE FABRIC CLOTH REQUIRED - SAME AS SHOWN ABOVE.

O-RING AND FLEXIBLE GASKET THICKNESS			
PIPE SIZE	CORRUGATION DEPTH	O-RING THICKNESS	FLEXIBLE GASKET THICKNESS
36" & UNDER	½"	13/16"	1"
LARGER THAN 36"	½"	⅞"	1"
ALL SIZES	1"	1⅜"	1½"

GENERAL NOTES:

1) O-RING GASKETS WILL BE REQUIRED WHENEVER O-RING SYSTEM CONNECTING BANDS ARE USED. O-RING GASKETS SHALL BE IDENTIFIED BY SIZE, DIAMETER, BATCH OR REEL NUMBER AND PLANT.
2) HELICAL ENDS SHALL BE RE-ROLLED AS PER CURRENT LA DOTD STANDARD SPECIFICATIONS.
3) FOR O-RING JOINT SYSTEMS, BOLTS SHALL BE TORQUED TO A MINIMUM OF 40 FT.LBS.
4) FOR FLEXIBLE PLASTIC GASKET SYSTEM ROUND PIPE, A MINIMUM OF 4 GALVANIZED ½" DIAMETER STEEL RODS AND LUGS SHALL BE PLACED OVER THE CONNECTING BAND. RODS MAY BE 2 PIECE FOR PIPE LARGER THAN 48".
5) GEOTEXTILE FABRIC SHALL CONFORM TO CURRENT LA DOTD STANDARD SPECIFICATIONS.
6) ARCH PIPE SHALL USE THE FLEXIBLE PLASTIC GASKET SYSTEM WITH APPROVED ANGLES OR STRAPS.
7) ALL GASKET MATERIAL SHALL BE APPROVED PRODUCTS ON CURRENT LA DOTD QUALIFIED PRODUCTS LIST.
8) PIPE JOINTS TO BE IN ACCORDANCE WITH CURRENT LA DOTD STANDARD SPECIFICATIONS.



METHOD OF SEALING LONGITUDINAL
JOINTS AT TWO PIECE
CONNECTING BAND
(FLEXIBLE PLASTIC GASKET SYSTEM)

"These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project."

SHEET NUMBER
PARISH
FEDERAL PROJECT
STATE PROJECT
DESIGNED CDJ
CHECKED HJB
DETAILED KAJ
CHECKED WMR
DATE
SHEET 2 OF 2
JDK
WMR
HJB
BY
DATE: 10-5-05

REVISION DESCRIPTION	BY	DATE
Eliminated all reference to Plastic Pipe and Table 9	JDK	10-5-05
Redrafted, Added Plastic Pipe Table, General Revisions	WMR	7-3-02
Fill Height Tables - Connecting Bands	HJB	3-27-84

APPROVED BY CHIEF ENGINEER: Wm H. Temple III
DATE 10-5-05

METAL PIPE WALL THICKNESS AND CONNECTING BANDS, FILL HEIGHT FOR METAL PIPE
STANDARD PLAN SAM-1

HYDRAULICS SECTION

LSU
FORTE & TABLADA

CIVIL ENGINEER & SURVEY:
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6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD,
SUITE B-38
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643
CIVIL DETAILS - DOTD STANDARD PLAN SAM-1 (2 of 2)

STATE OF LOUISIANA
ADRIAN B. HOLMES
License No. 27452
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
06/27/2025

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

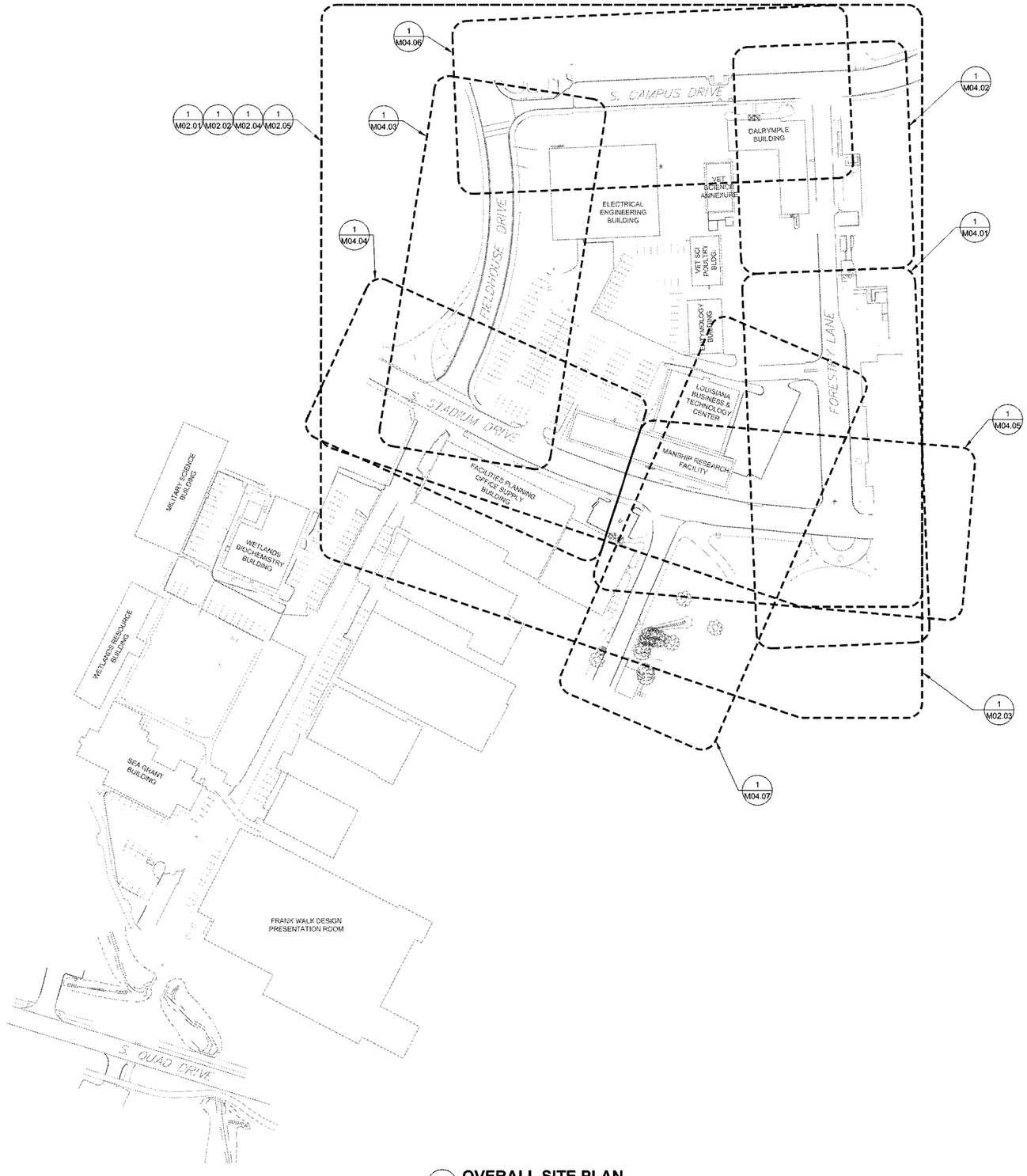
NO.	DESCRIPTION	DATE

DRAWN BY: CAT
CHECKED BY: ABH
DATE: 06/27/2025
SHEET NO. C08.31

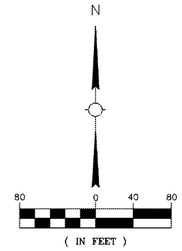
CONSTRUCTION DOCUMENTS

R:\2023\231326 - FP&C LSU Infrastructure, Renov, & Streets\7.0 CAD\Production Plan\231326-D704-CIVIL DETAILS_Standard Plans

CONSTRUCTION DOCUMENTS



1 / 01.01 **OVERALL SITE PLAN**
1"=80'-0"



GENERAL NOTES

1. REFER TO INDIVIDUAL ENLARGED SITE PLANS FOR SCOPE OF WORK ASSOCIATED WITH EXISTING CHILLED WATER, STEAM & CONDENSATE, NATURAL GAS, COMPRESSED AIR, AND DOMESTIC WATER UTILITIES.
2. THE GENERAL DESIGN INTENT IS TO CLEAR THE DESIGNATED AREA OF EXISTING UNDERGROUND UTILITIES FOR FUTURE BUILDING DEVELOPMENT. THIS INCLUDES, BUT IS NOT LIMITED TO, SELECTIVE DEMOLITION AND RE-ROUTING OF EXISTING UTILITIES.

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CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECHANICAL - OVERALL SITTE PLAN WITH KEY

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

ATTENTION:
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REVISIONS

NO.	DESCRIPTION	DATE

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CHECKED BY: JWD
DATE: 06/27/2025
SHEET NO.
M01.00

J:\BE\Projects\Legacy\BES\Orlando\24\7024 - LSU Library Site Strategic Capitol Plan\03-BIM-CAD\MP1.00 MECHANICAL - OVERALL SITE PLAN WITH KEY

CONSTRUCTION DOCUMENTS

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH THE CURRENTLY ADOPTED STATE CODES AND LOCAL ORDINANCES, AND ALL OTHER APPLICABLE CODES AND STANDARDS.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL LICENSES, PERMITS, DOCUMENTS, FEES, SERVICES AND UTILITY FEES REQUIRED TO DO THE WORK OF THIS CONTRACT. CONTRACTOR SHALL OBTAIN ANY SPECIAL CONFINED SPACE WORK PERMITS AND FOLLOW ALL UNIVERSITY CONSTRUCTION AND SAFETY PROCEDURES AND STANDARDS. REFER TO UNIVERSITY WEBSITE FOR CONSTRUCTION AND SAFETY PROCEDURES.
3. PIPE ELEVATIONS AND LOCATIONS SHOWN ON THE CONTRACT DOCUMENTS ARE DESIGN DIMENSIONS AND MAY NOT REFLECT THE ACTUAL FIELD CONDITIONS. PRIOR TO CONSTRUCTION AND/OR ANY FABRICATION WORK, THE CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES AT PROPOSED CROSSINGS AND POINT OF CONNECTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN WRITING OF ANY UTILITY CONFLICTS OR DISCREPANCIES.
4. EXISTING CONDITIONS AND UTILITIES INDICATED ARE TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS, VARIOUS SURVEYS AND FIELD INVESTIGATIONS. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ENGINEER MAY BE NECESSARY AND IT IS INTENDED THAT SUCH DEVIATIONS SHALL BE CONSIDERED A PART OF THIS CONTRACT. IT IS ALSO UNDERSTOOD THAT THE PLANS ARE NOT COMPLETELY TO SCALE AND CONTRACTOR SHALL NOT SCALE DRAWINGS.
5. WHERE INTERFERENCES ARE FOUND IN THE FIELD, THE PROBLEM SHALL BE RESOLVED WITH THE OWNER AND/OR OWNER'S REPRESENTATIVES BEFORE PROCEEDING. ALL REQUESTS FOR INFORMATION (RFI'S) SUBMITTED BY THE CONTRACTOR SHALL INCLUDE A PROPOSED SOLUTION.
6. THE CONTRACTOR IS EXPECTED TO ORDER MATERIALS IN SUFFICIENT TIME TO AVOID DELAYING THE COMPLETION OF THE PROJECT. DELAY IN DELIVERIES WILL NOT BE CONSIDERED A JUSTIFIABLE REASON FOR SUBSTITUTION OF MATERIALS.
7. INSTALLATION OF EQUIPMENT AND MATERIALS SHALL COMPLY WITH EQUIPMENT AND MATERIAL MANUFACTURER'S INSTALLATION AND CLEARANCE REQUIREMENTS. THE CONTRACTOR SHALL VERIFY INSTALLATION CLEARANCES WILL BE MAINTAINED AND DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO THE ACQUISITION OF EQUIPMENT.
8. THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF THE DIFFERENT TRADES SO THAT INTERFERENCE BETWEEN HVAC, PIPING, EQUIPMENT, STRUCTURAL, AND ELECTRICAL WORK WILL BE AVOIDED.
9. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRIC RELATIONSHIPS OF EQUIPMENT AND SERVICES. THESE DRAWINGS ARE NOT INTENDED TO SHOW EVERY OFFSET, FITTING, OR COMPONENT. ALL NECESSARY OFFSETS IN PIPING, AND FITTINGS REQUIRED TO INSTALL THE WORK PROPERLY SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR ALL PIPING, COMPONENTS, AND ACCESSORIES REQUIRED TO COMPLETE THE NEW PIPING SYSTEM NOTED IN SPECIFICATIONS, DRAWINGS, AND PIPING MATERIAL SPECIFICATION.
10. THE CONTRACTOR IS RESPONSIBLE TO REPAIR, AT HIS COST, ANY DAMAGED ITEMS DUE TO WORK PERFORMED. DAMAGED ITEMS SHALL BE BROUGHT BACK TO LIKE-NEW CONDITION OR REPLACED WITH ORIGINAL.
11. WHEN PIPES, VALVES, VALVE BOXES, MANHOLES, THRUST BLOCKS, ANCHOR BLOCKS AND/OR CONDUITS ARE REMOVED, THE REMAINING OPENING SHALL BE PATCHED, SEALED, AND FINISHED TO MATCH THE ADJACENT TOPOGRAPHY. REFER TO CIVIL DRAWINGS FOR MORE INFORMATION.
12. ALL REQUESTS FOR POWER OUTAGES SHALL BE COORDINATED WITH THE OFFICE OF FACILITY SERVICES, AND SHALL BE REQUESTED IN WRITING AT LEAST TWO WEEKS PRIOR TO THE OUTAGE. FOR EACH OUTAGE, THE CONTRACTOR SHALL COMPLETE AND SUBMIT A FACILITY SERVICES UTILITY SHUTDOWN REQUEST FORM. THE CONTRACTOR SHALL ATTEND ANY PRE- SHUTDOWN MEETINGS REQUIRED BY THE UNIVERSITY TO COORDINATE SUCH OUTAGES. ALL WORK REQUIRING A SHUTDOWN SHALL BE SCHEDULED AFTER WORKING HOURS OR ON WEEKENDS UNLESS SPECIFICALLY ALLOWED OTHERWISE BY LSU.
13. PRESSURE RATING AND MATERIAL OF VENT/DRAIN CONNECTION SHALL BE PER APPLICABLE PIPE SCHEDULE AND SPECIFICATIONS.
14. PRIOR TO CONNECTING ANY NEW PIPING SYSTEM TO THE EXISTING PIPING DISTRICT, CHEMICALLY TEST AND OBSERVE THE WATER QUALITY (TURBIDITY) OF THE EXISTING SYSTEM. FLUSH AND CLEAN THE NEW SYSTEMS PRIOR TO CONNECTION TO EXISTING SYSTEMS UNTIL WATER QUALITY REQUIREMENTS (AS DETERMINED BY THE UNIVERSITIES PREFERRED CHEMICAL TREATMENT VENDOR) ARE ACHIEVED.
15. THE UNIVERSITY HAS THE RIGHT OF SALVAGE TO ANY DEMOLISHED EQUIPMENT. FOR EQUIPMENT TO BE REMOVED, THE CONTRACTOR IS TO CONFIRM WITH THE UNIVERSITY WHETHER OR NOT THE UNIVERSITY DESIRES TO KEEP THE RESPECTIVE PIECE OF EQUIPMENT. EQUIPMENT DESIRED BY THE UNIVERSITY SHALL BE MOVED BY THE CONTRACTOR TO A DESIGNATED SITE ON CAMPUS. ANY EQUIPMENT NOT DESIRED BY THE UNIVERSITY SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED/DISPOSED OF BY THE CONTRACTOR.
16. PROVIDE PHOTOS OF ALL NEW UNDERGROUND MATERIALS, SUPPORTS, CONNECTIONS, ANCHORS, ETC. TO THE UNIVERSITY ON A WEEKLY BASIS. COORDINATE WITH UNIVERSITY FOR DELIVERY METHOD OF PHOTOS. AT MINIMUM, PROVIDE (4) PHOTOS OF EACH INSTALLATION, ONE FROM EACH OF THE NORTH-EAST-SOUTH-WEST HEADINGS.

MECHANICAL ABBREVIATIONS

ABBREV.	DESCRIPTION
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AFMS	AIRFLOW MEASURING STATION
AH	AIR HANDLER
AHU	AIR HANDLING UNIT
AMP	AMPERE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
A/V	AUDIBLE/VISUAL
AWG	AMERICAN WIRE GAUGE
B	BOILER
BCU	BLOWER COIL UNIT
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
BTU	BRITISH THERMAL UNITS
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CRAC	COMPUTER ROOM AIR CONDITIONER
CT	COMPRESSION TANK
CU	CONDENSING UNIT
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
CxA	COMMISSIONING AGENT
D	DEPTH
dB	DECIBEL
DB	DRY BULB
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROL
DEG F	DEGREE FAHRENHEIT
DIA	DIAMETER
DOAS	DEDICATED OUTDOOR AIR SYSTEM
EA	EXHAUST AIR, EACH
EAT	ENTERING AIR TEMPERATURE
ECM	ELECTRICALLY COMMUTATED MOTOR
EDH	ELECTRIC DUCT HEATER
EFF	EFFICIENCY
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
ETC	ET CETERA
EWT	ENTERING WATER TEMPERATURE
FA	FIRE ALARM
FCU	FAN COIL UNIT
FD	FIRE DAMPER, FLOOR DRAIN
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FRP	FIBERGLASS REINFORCED PLASTIC
FT	FEET
FT-H2O	FEET OF WATER
GA	GAGE
GAL	GALLON
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	HEIGHT
HB	HOSE BIBB
HDD	HORIZONTAL DIRECTIONAL DRILL
H-O-A	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HR	HOUR
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
HX	HEAT EXCHANGER
HZ	HERTZ

ABBREV.	DESCRIPTION
ID	INNER DIAMETER
IN	INCH
IN.W.G.	INCHES OF WATER - GAUGE
IPS	IRON PIPE SIZE
KEF	KITCHEN EXHAUST FAN
KSF	KITCHEN SUPPLY FAN
KW	KILOWATT
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LF	LINEAR FEET
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CURRENT AMPACITY
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MSS	MANUFACTURERS STANDARDIZATION SOCIETY
MVD	MANUAL VOLUME DAMPER
N	NORTH
N/A	NOT APPLICABLE, NONE ASSOCIATED, NONE AVAILABLE
NC	NOISE CRITERIA, NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NUMBER, NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTDOOR AIR
OAT	OUTDOOR AIR TEMPERATURE
OD	OUTER DIAMETER
OZ	OUNCE
P	PUMP
PH	PHASE
PPM	PARTS PER MILLION
PRESS	PRESSURE
PRV	PRESS RELIEF VALVE, PRESS REGULATING VALVE
PSI	POUNDS PER SQUARE INCH
PSI-A	POUNDS PER SQUARE INCH - ABSOLUTE
PSI-G	POUNDS PER SQUARE INCH - GAUGE
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RLA	RUNNING LOAD AMPS
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SD	SMOKE DETECTOR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SQUARE FEET
SC	SHADING COEFFICIENT
SHGC	SOLAR HEAT GAIN COEFFICIENT
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
SP	STATIC PRESSURE
STD	STANDARD
T	THERMOSTAT
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLTAGE
VA	VOLT AMPERE
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
W	WATT, WIDTH
WB	WET BULB
WWF	WELDED WIRE FABRIC
YR	YEAR

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
GENERAL	
1 OR D1	REFERENCE NOTE
X / X-X	DETAIL NUMBER SHEET DETAIL APPEARS
X / X	TYPE OF EQUIPMENT EQUIPMENT NUMBER
PIPING	
	PIPE CONTINUATION
	PIPE ELBOW DOWN
	PIPE ELBOW UP
	BLIND FLANGE
	CAPPED LINE
	HOSE END CONNECTION
	DIRECTION OF FLOW IN PIPE
	PIPE TEE DOWN
	PIPE TEE UP
	UNION
	BALL VALVE
	BUTTERFLY VALVE (MANUAL)
M	BUTTERFLY VALVE (MOTORIZED)
	GATE VALVE
	OS&Y GATE VALVE
	GLOBE VALVE
	TRIPLE DUTY VALVE
	PLUG VALVE
M	2-WAY DDC CONTROL VALVE
M	3-WAY DDC CONTROL VALVE
S	SOLENOID CONTROL VALVE
F T	STEAM TRAP

SYMBOL	DESCRIPTION
GENERAL	
X / X-X	SECTION NUMBER SHEET SECTION APPEARS
	POINT OF DISCONNECTION
	POINT OF CONNECTION
PIPING	
	BALANCING VALVE
	BALANCING VALVE WITH PRESSURE TAPS
	PRESSURE REDUCING VALVE
	PRESSURE RELIEF VALVE
	FLOW BALANCING VALVE
	MANUAL AIR RELIEF VENT
	AUTOMATIC AIR RELIEF VENT
	FLEXIBLE CONNECTION
	CHECK VALVE
	Y-STRAINER
	PRESSURE/TEMPERATURE TEST PORT
	PRESSURE GAUGE
	THERMOMETER
	FLOW METER
	PUMP
	BASKET STRAINER W/ CLAMPED COVER
	SUCTION DIFFUSER

NOTES
1. THIS IS A GENERAL COMPILATION OF SYMBOLS AND NOT ALL SYMBOLS SHOWN MAY BE USED ON THE CONTRACT DRAWINGS.
2. SCREENED SYMBOLS OR TEXT (EXAMPLE: AHU) INDICATE EXISTING EQUIPMENT OR CONDITIONS.
3. SCREENED AND DASHED AND LINES INDICATE LINES HIDDEN IN VIEW.

PIPE SCHEDULE

SYSTEM	AREA	SIZE (INCHES)	PIPE				FITTINGS			FLANGES		VALVES	
			MATERIAL	GRADE	WALL	MANUFACTURER (OR EQUAL)	MATERIAL	CONNECTION	MANUFACTURER (OR EQUAL)	TYPE	GASKET		
CHILLED WATER	UNDERGROUND	ALL	HIGH DENSITY POLYETHELENE	HDPE	SDR-11	-	HDPE	BUTT FUSION	-	FUSION ADAPTERS	NON-ASBESTOS	PRATT GROUNDHOG, GEARED BUTTERFLY (OR EQUAL)	
DOMESTIC WATER	UNDERGROUND	ALL	PVC	NSF LISTED	SCH 40	-	SCHD 40 PVC	BELL & SPIGGOT	-	-	-	SEE DRAWINGS & SPECIFICATIONS	
FIRE PROTECTION WATER	UNDERGROUND	ALL	HIGH DENSITY POLYETHELENE	NSF LISTED	SDR-11	-	HDPE	BUTT FUSION	-	FUSION ADAPTERS	NON-ASBESTOS	SEE DRAWINGS & SPECIFICATIONS	
NATURAL GAS	UNDERGROUND	ALL	MEDIUM DENSITY POLYETHYLENE	MDPE	SDR-11	-	MDPE	BUTT FUSION	-	FUSION ADAPTERS	NON-ASBESTOS	SEE DRAWINGS & SPECIFICATIONS	
STEAM	UNDERGROUND	ALL	CARBON STEEL	A-106, GRADE B	SCH 40	PERMA-PIPE	STD CARBON STEEL	BUTT WELD	PERMA-PIPE	BUTT WELD	-	POWELL API 600 GATE VALVES (OR EQUAL)	CAMERON NEWCO FORGED STEEL (OR EQUAL)
STEAM CONDENSATE	UNDERGROUND	ALL	CARBON STEEL	A-106, GRADE B	SCH 80	PERMA-PIPE	STD CARBON STEEL	BUTT WELD	PERMA-PIPE	BUTT WELD	-	POWELL API 600 GATE VALVES (OR EQUAL)	CAMERON NEWCO FORGED STEEL (OR EQUAL)

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECHANICAL - NOTES AND LEGEND

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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1"

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: SOF
CHECKED BY: JWD
DATE: 06/27/2025
SHEET NO.: **M01.01**

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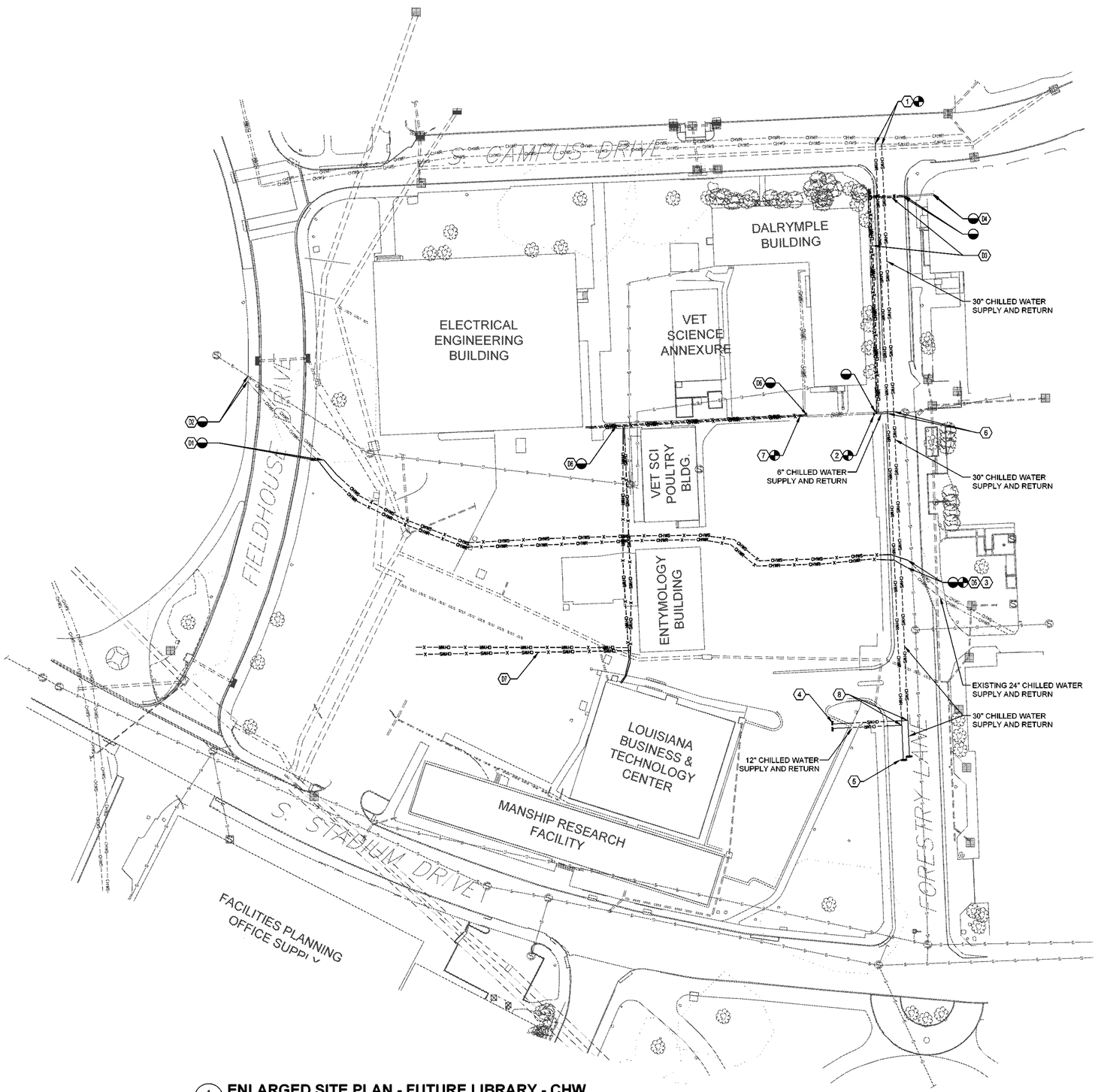
CONSTRUCTION DOCUMENTS



1 M02.01 **ENLARGED SITE PLAN - FUTURE LIBRARY - CHW**
1"=40'-0"

N

40 0 20 40
(IN FEET)

GENERAL NOTES

1. THE CONTRACTOR IS TO FIELD VERIFY THE LOCATIONS, SIZES, AND DEPTHS OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATIONS.
2. REFER TO M04 SHEETS FOR UTILITY CROSSINGS.
3. TYPICAL FOR ALL BUILDINGS BEING DEMOLISHED: CONTRACTOR SHALL COORDINATE TIMING OF CHILLED WATER SHUT DOWN AND PIPING REMOVAL WITH UNIVERSITY AND ENSURE ALL OCCUPIED BUILDINGS CONTINUE TO RECEIVE CHILLED WATER SERVICE PRIOR TO BUILDING BEING READY FOR DEMO.

REFERENCE NOTES

(1) NEW 30" CHILLED WATER SUPPLY AND RETURN PIPING TO CONNECT INTO EXISTING VALVES INDICATED BY SUE DRAWINGS. PROVIDE STEEL BACK-TO-BACK FLANGES TO ACCOMMODATE VALVE DISK ACTUATION INTO HDPE PIPING. REFER TO SHEET M06.01 FOR PHOTOS OF EXISTING VALVES AND EXAMPLE OF STEEL DOUBLE FLANGES.

(2) EXTEND NEW 6" HDPE CHILLED WATER SUPPLY AND RETURN PIPING FROM NEW 30" HDPE CHILLED WATER LINES AND CONNECT TO EXISTING 6" STEEL CHILLED WATER SUPPLY AND RETURN PIPING SERVING DALRYMPLE BUILDING. PROVIDE NEW DIRECT-BURIED GROUNDHOG BUTTERFLY VALVES.

(3) RECONNECT EXISTING 24" STEEL CHILLED WATER SUPPLY AND RETURN PIPING TO NEW HDPE SUPPLY AND RETURN CHILLED WATER PIPING WITH FLANGED CONNECTIONS.

(4) NEW 12" HDPE SUPPLY AND RETURN CHILLED WATER PIPING WITH DIRECT-BURIED GROUNDHOG VALVES AND BLIND FLANGES INTENDED FOR FUTURE CONNECTION TO LIBRARY. PROVIDE BACK-TO-BACK STEEL FLANGES TO ACCOMMODATE VALVE DISK ACTUATION INTO HDPE PIPING.

(5) TERMINATE 30" HDPE CHILLED WATER SUPPLY AND RETURN PIPING FLANGE ADAPTER, BACK-TO-BACK STEEL FLANGES, GROUNDHOG VALVES, AND BLIND FLANGES FOR FUTURE CONNECTION. PROVIDE DRAINS AT PIPING LOW POINTS PER PROJECT SPECIFICATIONS.

(6) 30"x12" HDPE TEE WITH REDUCER TO 6" HDPE BRANCH PIPING.

(7) AFTER ALL DOWNSTREAM BUILDINGS ARE READY TO BE DEMOLISHED AND/OR SHUTDOWN, CAP EXISTING 6" STEEL CHILLED WATER SUPPLY AND RETURN UNDERGROUND PIPING.

(8) 30"x12" HDPE TEE TO 12" HDPE BRANCH PIPING.

REFERENCE NOTES - DEMO

(D1) DISCONNECT EXISTING 24" CHILLED WATER SUPPLY AND RETURN PIPING. DEMOLISH CHILLED WATER SUPPLY AND RETURN PIPING. UTILIZE VALVES LOCATED AT THE UTILITY PLANT TO SHUT OFF CHILLED WATER SERVICE. REFER TO SHEET M06.01 FOR PHOTOS OF ABOVE GROUND VALVE LOCATIONS.

(D2) REFER TO SHEET M06.01 FOR PHOTOS OF ABOVE GROUND VALVE LOCATIONS. PIPING BENEATH FIELDHOUSE DRIVE BETWEEN DISCONNECT POINTS TO BE FILLED WITH FLOWABLE FILL FOR ABANDONMENT.

(D3) DISCONNECT EXISTING 6" CHILLED WATER PIPING SERVING DALRYMPLE AND ELECTRICAL ENGINEERING BUILDINGS UNDER FORESTRY LANE. DEMOLISH CHILLED WATER PIPING ALONG DALRYMPLE BUILDING AND UNDER FORESTRY LANE. REFER TO SUE DOCUMENTS FOR LOCATION OF EXISTING STEAM AND CONDENSATE PIPING TO REMAIN WITHIN SAME TRENCH AS CHILLED WATER PIPING TO BE DEMOLISHED. CONTRACTOR TO TAKE CARE NOT TO DAMAGE EXISTING STEAM AND CONDENSATE PIPING.

(D4) UTILIZE EXISTING UNDERGROUND CHILLED WATER VALVES LOCATED ON THE NORTH SIDE OF FRANCIONI HALL BUILDING TO ISOLATE DOWNSTREAM CHILLED WATER PIPING. PROVIDE CAP AT UNDERGROUND 6" STEEL SUPPLY AND RETURN PIPING AND FILL UNDERGROUND SUPPLY AND RETURN PIPING WITH FLOWABLE FILL FOR ABANDONMENT. APPROXIMATELY 150' OF UNDERGROUND SUPPLY AND 150' OF RETURN PIPING WILL BE ABANDONED AND FILLED ALONG THE NORTH SIDE OF FRANCIONI HALL.

(D5) DISCONNECT EXISTING CHILLED WATER SUPPLY AND RETURN PIPING AND PREPARE EXISTING 24" STEEL PIPING FOR RECONNECTION TO NEW 30" HDPE CHILLED WATER SUPPLY AND RETURN PIPING. UTILIZE EXISTING UNDERGROUND VALVES BETWEEN ANIMAL AND FOOD SCIENCE LABORATORY AND TUREAUD HALL FOR ISOLATION.

(D6) MAINTAIN CHILLED WATER SERVICE TO ALL EXISTING DOWNSTREAM BUILDINGS UNTIL OWNER INDICATES BUILDING(S) IS VACANT AND READY FOR DEMOLITION. CAP UNDERGROUND CHILLED WATER SUPPLY AND RETURN PIPING AND DEMOLISH ALL DOWNSTREAM SUPPLY AND RETURN PIPING SERVING THE DOWNSTREAM BUILDING(S).

(D7) UNIVERSITY HAS INDICATED EXISTING ABANDONED CHILLED WATER PIPING EXISTS BUT IS NOT SHOWN ON SUE INVESTIGATION DRAWINGS. DEMOLISH ABANDONED CHILLED WATER SUPPLY AND RETURN PIPING. CONTRACTOR TO ENSURE NO DOWNSTREAM BUILDINGS TO REMAIN ARE CONNECTED TO THIS PIPING.

LEGEND

CHWS — X — CHWS — X	EXISTING CHILLED WATER SUPPLY TO BE DEMOLISHED
CHWR — X — CHWR — X	EXISTING CHILLED WATER RETURN TO BE DEMOLISHED
CHWS CHWS CHWS	EXISTING CHILLED WATER SUPPLY TO REMAIN
CHWR CHWR CHWR	EXISTING CHILLED WATER RETURN TO REMAIN
CHWS CHWS CHWS	NEW CHILLED WATER SUPPLY
CHWR CHWR CHWR	NEW CHILLED WATER RETURN

NOTE: REFER TO REFERENCE NOTES FOR PIPING SEGMENTS TO BE FILLED WITH FLOWABLE FILL

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENLARGED SITE PLAN - FUTURE LIBRARY - CHW

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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1"

REVISIONS

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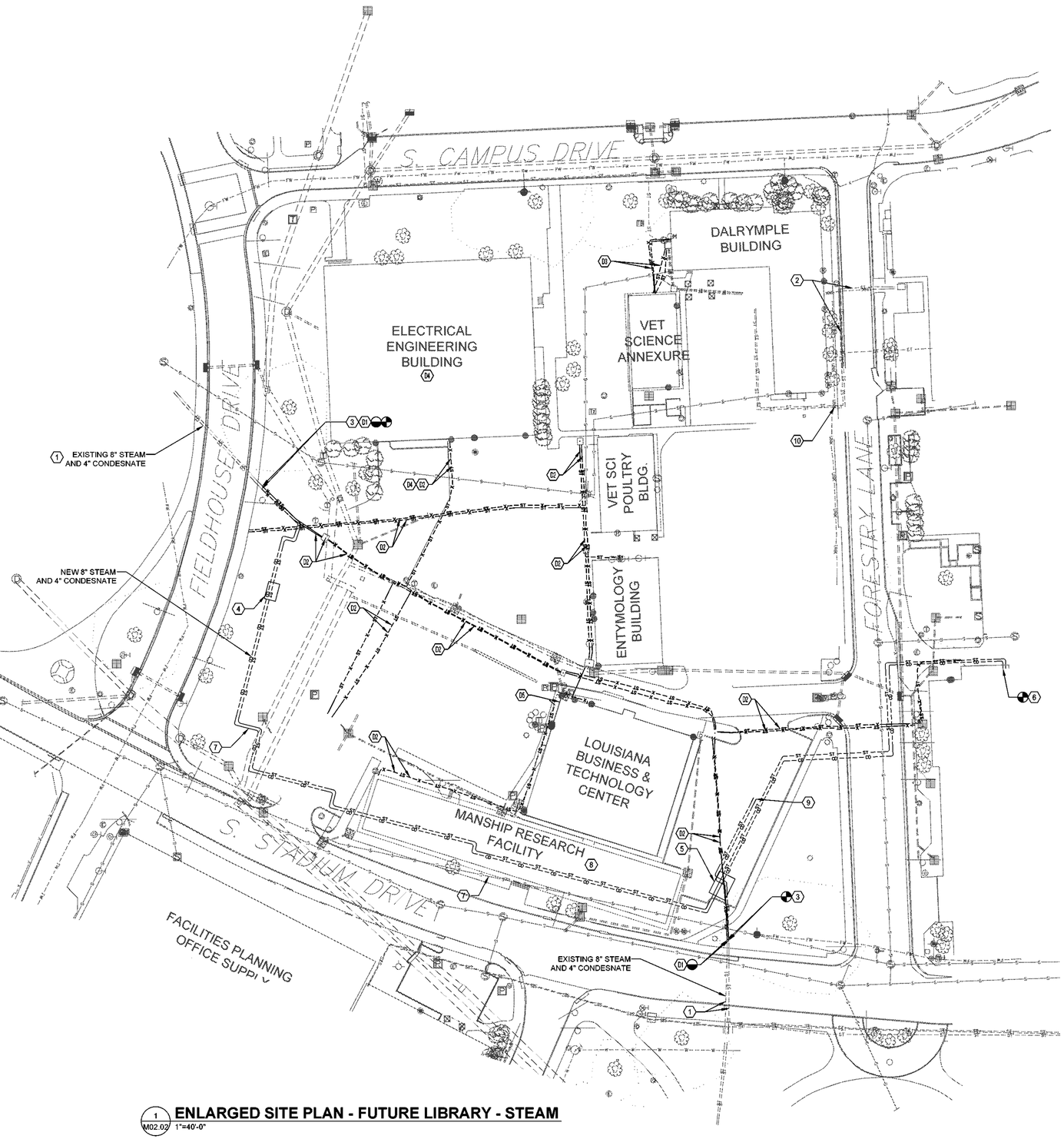
z:\BE\Projects\Legacy\BES\Orlando\24\70324 - LSU Library Site Strategic Capitol Plan\03-BIM-CAD\M02.01 ENLARGED SITE PLAN - FUTURE LIBRARY - CHW

CONSTRUCTION DOCUMENTS



1 M02.02 **ENLARGED SITE PLAN - FUTURE LIBRARY - STEAM**
1"=40'-0"

GENERAL NOTES

1. THE DESIGN INTENT OF THE UNDERGROUND STEAM AND CONDENSATE PIPING SCOPE OF WORK IS TO DEMOLISH ALL UNDERGROUND STEAM AND CONDENSATE PIPING AND EQUIPMENT AT THE FUTURE LIBRARY SITE AND PROVIDE A NEW 8" STEEL STEAM MAIN AND 4" STEEL CONDENSATE MAIN ALONG S. STADIUM DRIVE, RECONNECTING TO EXISTING STEAM AND CONDENSATE PIPING SERVING BUILDINGS ALONG BOTH S. STADIUM DRIVE AND FORESTRY LANE.
2. MAINTAIN A MINIMUM SEPARATION OF 36" BETWEEN ALL GAS PIPING (NEW AND EXISTING) AND STEAM AND CONDENSATE PIPING (NEW AND EXISTING).

REFERENCE NOTES

(1) EXISTING UNDERGROUND 8" STEAM AND 4" CONDENSATE PIPING TO REMAIN. COORDINATE WITH UNIVERSITY FACILITY OPERATIONS FOR ISOLATION VALVE LOCATIONS AND SHUT DOWN.

(2) EXISTING STEAM AND CONDENSATE PIPING SERVING DALRYMPLE BUILDING FROM FRANCIONI HALL VIA SHARED EXISTING UTILITY TRENCH. MAINTAIN STEAM SERVICE TO DALRYMPLE BUILDING. RE-INSULATE AND RE-JACKET EXISTING UNDERGROUND STEAM AND CONDENSATE PIPING AFTER EXISTING CHILLED WATER SUPPLY AND RETURN PIPING ARE DEMOLISHED FROM TRENCH.

(3) CONNECT NEW 8" STEAM AND 4" CONDENSATE PIPING TO EXISTING WITH BUTT WELDED CONNECTION.

(4) NEW STEAM AND CONDENSATE PIPING IN CONCRETE STEAM AND CONDENSATE VAULT (SCV-01) WITH COMPOSITE VAULT COVERS DESIGNED TO MAINTAIN COOL-TO-TOUCH PROPERTIES AND SUPPORT LARGE VEHICULAR TRAFFIC (H40). REFER TO MECHANICAL P&ID DETAILS AND SPECIFICATIONS FOR MORE INFORMATION. PROVIDE ANCHOR BLOCKING AT ALL PIPING ENTRANCES/EXITS OF VAULT WALLS DESIGNED TO ELIMINATE THE MOVEMENT OF PIPING.

(5) NEW STEAM AND CONDENSATE PIPING IN CONCRETE STEAM AND CONDENSATE VAULT (SCV-02) WITH COMPOSITE VAULT COVERS DESIGNED TO MAINTAIN COOL-TO-TOUCH PROPERTIES AND SUPPORT LARGE VEHICULAR TRAFFIC (H40). REFER TO MECHANICAL P&ID DETAILS AND SPECIFICATIONS FOR MORE INFORMATION. PROVIDE ANCHOR BLOCKING AT ALL PIPING ENTRANCES/EXITS OF VAULT WALLS DESIGNED TO ELIMINATE THE MOVEMENT OF PIPING.

(6) NEW 4" STEAM AND 2" CONDENSATE PIPING TO RE-FEED TUREAUD HALL. RECONNECT TO EXISTING 4" STEAM AND 2" CONDENSATE PIPING UNDERGROUND WITHIN THE MECHANICAL ROOM WHICH IS ACCESSIBLE FROM THE NORTHERN EXTERIOR WALL. RECONNECT TO EXISTING STEAM TRAP SERVING DOWNSTREAM BUILDING DISTRIBUTION PIPING.

(7) EXPANSION COMPENSATION BENDS/LOOP. SEE PIPING MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS FOR MORE INFORMATION REGARDING EXPANSION AND ANCHORING.

(8) CONTRACTOR TO COORDINATE THE TIMING OF UNDERGROUND PIPING INSTALLATION AND THE DEMOLITION OF THE EXISTING MANSHIP RESEARCH FACILITY. RESEARCH FACILITY WILL REQUIRE DEMOLITION PRIOR TO NEW UNDERGROUND PIPING INSTALLATION.

(9) 6" STEAM AND 3" CONDENSATE BRANCH TERMINATIONS FOR FUTURE LIBRARY CONNECTIONS.

(10) REPLACE EXISTING STEAM AND CONDENSATE METAL MANHOLE WITH NEW UNDERGROUND PRECAST CONCRETE MANHOLE WITH COMPOSITE VAULT COVERS DESIGNED TO MAINTAIN COOL-TO-TOUCH PROPERTIES. REFER TO DETAILS FOR MORE INFORMATION REGARDING THE EXISTING TEMPORARY MANHOLE AND CONTENTS.

REFERENCE NOTES - DEMO

(01) DISCONNECT EXISTING UNDERGROUND 8" STEEL STEAM PIPING AND 4" STEEL CONDENSATE PIPING. PREPARE EXISTING PIPING FOR RECONNECTION TO NEW PIPING SYSTEM.

(W) EXISTING STEAM AND CONDENSATE PIPING TO BE DEMOLISHED.

(01) DEMOLISH EXISTING STEAM AND CONDENSATE PIPING BETWEEN VET SCIENCE ANNEXURE (BUILDING TO BE DEMOLISHED) AND DALYRMPLE (BUILDING TO REMAIN).

(04) CONTRACTOR TO COORDINATE TIMING OF DEMOLITION OF ELECTRICAL ENGINEERING BUILDING AND DEMOLITION OF EXISTING STEAM & CONDENSATE RECOVERY UTILITIES. MAINTAIN STEAM AND CONDENSATE UTILITIES TO ELECTRICAL ENGINEERING UNTIL OWNER CONFIRMS STEAM IS NO LONGER REQUIRED AT ELECTRICAL ENGINEERING.

(05) DEMOLISH EXISTING STEAM CONDENSATE RECOVERY EQUIPMENT AT EXTERIOR OF BUSINESS AND TECHNOLOGY CENTER.

LEGEND

—ST—X—ST—X—	EXISTING STEAM TO BE DEMOLISHED
—CD—X—CD—X—	EXISTING CONDENSATE TO BE DEMOLISHED
---ST------ST---	EXISTING STEAM TO REMAIN
---CD------CD---	EXISTING CONDENSATE TO REMAIN
——ST————ST———	NEW STEAM
——CD————CD———	NEW CONDENSATE

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENLARGED SITE PLAN - FUTURE LIBRARY - STEAM

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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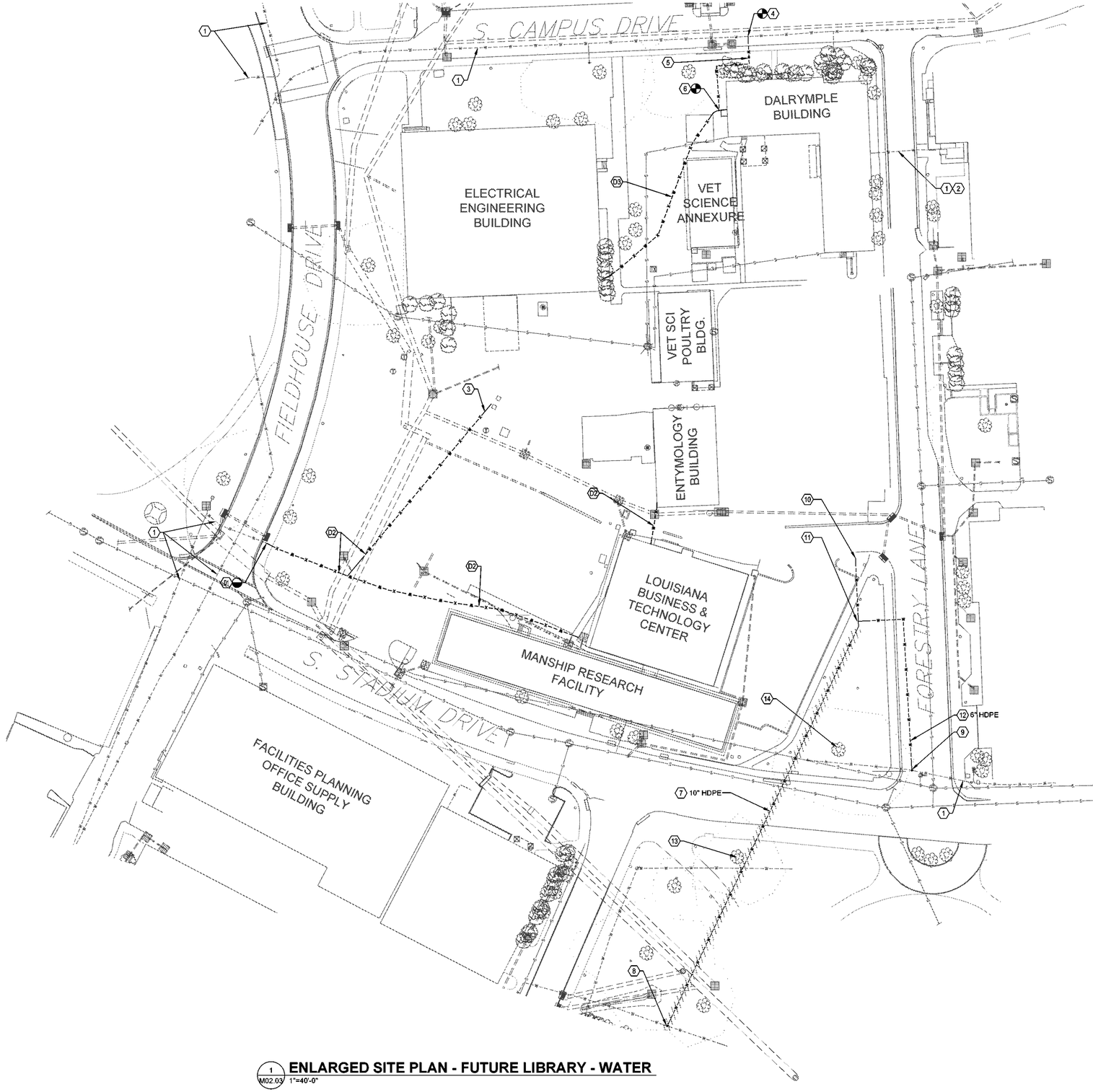
Z:\BE\Projects\Legacy\BES\Orlando\24\70324 - LSU Library Site Strategic Capital Plan\02-BIM-CAD\M02.02 ENLARGED SITE PLAN - FUTURE LIBRARY - STEAM

CONSTRUCTION DOCUMENTS



1 M02.03 **ENLARGED SITE PLAN - FUTURE LIBRARY - WATER**
1"=40'-0"

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40 0 20 40

(IN FEET)

GENERAL NOTES

1. THE DESIGN INTENT OF THE UNDERGROUND DOMESTIC WATER SCOPE OF WORK IS TO DEMOLISH ALL UNDERGROUND DOMESTIC WATER PIPING AT THE FUTURE LIBRARY SITE, BACK TO AN EXISTING UNDERGROUND VALVE.
2. DOMESTIC WATER SERVICE TO THE DALRYMPLE BUILDING MUST BE MAINTAINED THROUGHOUT CONSTRUCTION. CURRENTLY, THE DALRYMPLE BUILIDNG DOMESTIC WATER IS SERVED FROM THE SAME PIPING SERVING THE ELECTRICAL ENGINEERING BUILDING, WHICH WILL BE DEMOLISHED. A RE-FEED AND BACKFLOW PREVENTER INSTALLATION ARE REQUIRED PRIOR TO THE DEMOLITION OF THE ELECTRICAL ENGINEERING BUILDING.
3. THE UNIVERSITY UTILIZES A COMBINED DOMESTIC WATER AND FIRE PROTECTION DISTRIBUTION SYSTEM.

REFERENCE NOTES

1. EXISTING UNDERGROUND WATER PIPING TO REMAIN.
2. WATER SERVICE FROM THE DALRYMPLE BUILIDNG TO ADJACENT BUILDINGS MUST BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. LOSS OF SUBSURFACE UTILITY SIGNAL PER SUE CONTRACTOR. IT IS ANTICIPATED THIS UNDERGROUND DOMESTIC WATER PIPE CONTINUES AND SERVES THE ELECTRICAL ENGINEERING BUILDING, EVENTUALLY SUPPLYING THE DALRYMPLE BUILDING, WHICH WILL BE RE-FED.
4. NEW WATER SERVICE CONNECTION: CONNECT TO EXISTING 6" CAST IRON WATER MAIN WITH CORPORATION STOP VALVE MATCHING SERVICE, WITH STAINLESS STEEL DOUBLE STRAP SADDLE AT A MAXIMUM ANGLE OF 45-DEGREES UPWARDS FROM 6" MAIN. PIPING FROM SERVICE LINE TO METER BOX SHALL BE ENDOTRACE (OR ACCEPTED HDPE NSF APPROVED EQUIVALENT PIPE MATERIAL WITH TRACER WIRE). TUBING SHALL BE CONTINUOUS BETWEEN CORPORATION VALVE AND METER WITH NO COUPLINGS. PROVIDE VALVE BOX AND POTABLE WATER COVER. SET TOP OF VALVE BOX TO FINISHED GRADE AND FLUSH WITH 18" DIA. BY 6" THICK CONCRETE COLLAR.
5. PROVIDE 2" NSF APPROVED WATER METER WITH ISOLATION VALVES IN PRECAST CONCRETE METER BOX WITH PLASTIC LID AND READER OPENING OVER A BEDDING OF #57 DRAINAGE STONE.
6. REPLACE EXISTING STEEL DOMESTIC WATER PIPING THROUGH BUILDING EXTERIOR WALL UP TO NEAREST SHUT-OFF VALVE WITHIN BASEMENT. PROVIDE NEW 2" REDUCED PRESSURE VALVE BACKFLOW PREVENTER IN BASEMENT OF BUILDING, WITH PVC FUNNEL DRAIN ROUTED TO THE NEAREST FLOOR DRAIN. REFER TO MECHANICAL DETAILS FOR MORE INFORMATION.
7. NEW 10" HDPE COMBINED DOMESTIC AND FIRE PROTECTION WATER PIPING TO BE HORIZONTALLY DIRECTIONALLY DRILLED (HDD). REFER TO HATCHED AREA FOR ESTIMATED LENGTH OF HDD PIPING. CONTRACTOR TO COORDINATE EXACT LOCATIONS OF HDD ENTRY AND EXIT PITS REQUIRED TO MEET PIPING DEPTHS SHOWN IN PROFILE SHEET AND PROVIDE SUE INVESTIGATIONS FOR ALL UNDERGROUND UTILITIES BETWEEN ENTRY/EXIT PITS AND CONNECTION POINTS THAT ARE NOT SHOWN ON PLAN.
8. CONNECT NEW 10" HDPE TO EXISTING 10" CARBON STEEL PIPING UNDERGROUND WITH SIZE-TO-SIZE WET TAP AND 10" GATE VALVE. WET TAP SHALL BE A WELDED FULL-ENCASEMENT TYPE FITTING. CONTRACTOR IS REQUIRED TO PROVIDE NON-DESTRUCTIVE TESTING OF EXISTING PIPING WALL THICKNESS PRIOR TO DRILLING PROCEDURES TO ENSURE FULL-ENCASEMENT TYPE WET TAP CONNECTION IS FEASIBLE. PROVIDE MECHANICALLY RESTRAINED JOINT BETWEEN GATE VALVE LUG AND HDPE PIPING WITH STAINLESS STEEL STIFFENER AND FLANGE ADAPTER.
9. CONNECT NEW 6" HDPE TO EXISTING 6" BLACK STEEL PIPING UNDERGROUND WITH SIZE-TO-SIZE WET TAP AND 6" GATE VALVE. WET TAP SHALL BE A WELDED FULL-ENCASEMENT TYPE FITTING. CONTRACTOR IS REQUIRED TO PROVIDE NON-DESTRUCTIVE TESTING OF EXISTING PIPING WALL THICKNESS PRIOR TO DRILLING PROCEDURES TO ENSURE FULL-ENCASEMENT TYPE WET TAP CONNECTION IS FEASIBLE. PROVIDE MECHANICALLY RESTRAINED JOINT BETWEEN GATE VALVE LUG AND HDPE PIPING WITH STAINLESS STEEL STIFFENER AND FLANGE ADAPTER.
10. 10" HDPE WITH FUSION WELDED CAP FOR FUTURE CONNECTION TO LIBRARY.
11. 10"X10"X6" HDPE TEE, FUSION WELDED.
12. PIPING SECTION SHOWN WITHOUT HATCHING TO BE INSTALLED IN OPEN CUT TRENCH.
13. REFER TO PLAN/PROFILE SHEET FOR PIPING DEPTH BENEATH LIVE OAK TREE DRIP LINE. COORDINATE ANTICIPATED BORE DEPTH WITH UNIVERSITIES' CAMPUS LANDSCAPE ARCHITECT PRIOR TO DRILL PIT INFORMATIONAL SUBMITTAL AND DRILLING OPERATIONS.
14. MAINTAIN A 25' SEPARATION BETWEEN BORE HOLE AND LIVE OAK TRUNK DURING HDD OPERATIONS.COORDINATE ANTICIPATED BORE DEPTH AND LOCATION WITH UNIVERSITIES' CAMPUS LANDSCAPE ARCHITECT.

REFERENCE NOTES - DEMO

D1. EXISTING UNDERGROUND DOMESTIC WATER VALVE. DEMOLISH ALL DOMESTIC WATER PIPING DOWNSTREAM OF VALVE SERVING BUILDINGS TO BE DEMOLISHED.

D2. DEMOLISH EXISTING UNDERGROUND DOMESTIC WATER PIPING SERVING BUILDINGS TO BE DEMOLISHED.

D3. CONTRACTOR TO COORDINATE WITH OWNER THE TIMING OF THE DEMOLITION OF THE ELECTRICAL ENGINEERING BUILDING AND THE REFEEDING OF DOMESTIC WATER TO THE DALRYMPLE BUILDING TO ENSURE SHORTEST SHUTDOWN POSSIBLE. DEMOLISH DOMESTIC WATER PIPING AFTER THE DEMOLITION OF THE ELECTRICAL ENGINEERING BUILDING.

LEGEND

- EXISTING DOMESTIC/FIRE PROTECTION WATER TO BE DEMOLISHED
- EXISTING DOMESTIC/FIRE PROTECTION WATER TO REMAIN
- NEW DOMESTIC/FIRE PROTECTION WATER (OPEN CUT TRENCH)
- NEW DOMESTIC/FIRE PROTECTION WATER (HDD)

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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENLARGED SITE PLAN - FUTURE LIBRARY - WATER

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CONSTRUCTION DOCUMENTS

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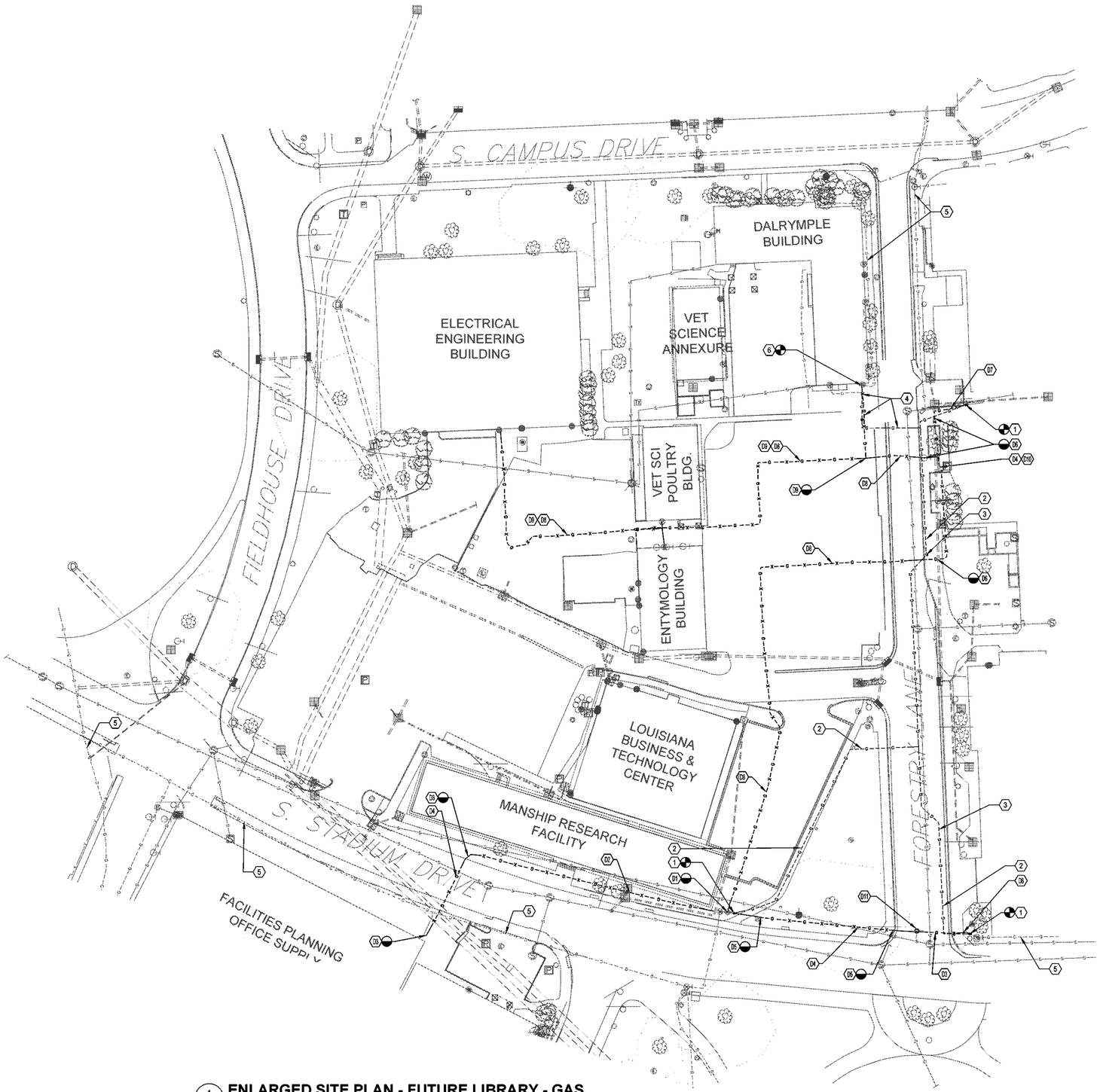

1 M02.04 **ENLARGED SITE PLAN - FUTURE LIBRARY - GAS**
1"=40'-0"

N

40 0 20 40

(IN FEET)

GENERAL NOTES

1. THE DESIGN INTENT OF THE UNDERGROUND GAS PIPING SCOPE OF WORK IS TO DEMOLISH ALL UNDERGROUND GAS PIPING AT THE FUTURE LIBRARY SITE AND PROVIDE A NEW 4" MDPE GAS MAIN ALONG FORESTRY LANE, RECONNECTING TO EXISTING 4" GAS PIPES.
2. MAINTAIN A MINIMUM SEPARATION OF 36" BETWEEN ALL GAS PIPING (NEW AND EXISTING) AND STEAM AND CONDENSATE PIPING (NEW AND EXISTING).

REFERENCE NOTES

(1) CONNECT NEW 4" POLYETHYLENE GAS PIPING TO EXISTING 4" STEEL GAS PIPING VIA NEW STEEL 4"x4" BOTTOM OUT LINE STOPPER FITTING AND PE TO STEEL ADAPTER FITTING. PROVIDE NEW GAS VALVE AS REQUIRED FOR PURGE PROCEDURES. MAINTAIN CATHODIC PROTECTION FOR EXISTING STEEL PIPING.

(2) NEW UNDERGROUND 4" STEEL GAS PIPING.

(3) ROUTE NEW UNDERGROUND 4" GAS PIPING AROUND PROPOSED RAIN GARDEN. COORDINATE WITH LIBRARY DESIGN TEAM FOR EXACT EXTENTS OF PROPOSED RAIN GARDENS.

(4) REPLACE EXISTING 2" GAS PIPING WITH UNDERGROUND MDPE AND RECONNECT TO EXISTING METER/REGULATOR ASSEMBLY AT EXISTING DALRYMPLE BUILDING.

(5) EXISTING UNDERGROUND GAS PIPING TO REMAIN.

(6) CONNECT TO EXISTING UNDERGROUND GAS PIPING APPROXIMATELY 5' FROM THE BUILDING FOOTPRINT. CONTRACTOR TO CONFIRM TYPE AND SIZE OF EXISTING UNDERGROUND PIPING. REPLACE EXISTING GAS METER WITH NEW INSERTION TYPE METER WITH REALTIME DISPLAY AND ANALOG OUTPUT CAPABILITIES.

REFERENCE NOTES - DEMO

(D1) UNDERGROUND GAS PIPING DISCONNECT POINT AT EXISTING ISOLATION VALVE.

(D2) EXISTING ABANDONED STEEL GAS PIPING TO BE DEMOLISHED.

(D3) DISCONNECT EXISTING ABANDONED STEEL GAS PIPING WHERE PIPING CROSSES S. STADIUM DRIVE AND PREPARE TO FILL SECTION OF GAS PIPE BENEATH ROAD WITH FLOWABLE FILL FOR ABANDONMENT. ENSURE OTHER END OF ABANDONED GAS PIPE AT FACILITIES BUILDING IS PROPERLY DISCONNECTED FROM GAS PIPING SYSTEM PRIOR TO APPLICATION OF FLOWABLE FILL.

(D4) SECTION OF GAS PIPING TO BE FILLED WITH FLOWABLE FILL FOR ABANDONMENT.

(D5) DISCONNECT EXISTING 4" STEEL GAS PIPING WHERE PIPING CROSSES EXISTING LIVE OAK TREE AND PREPARE TO FILL SECTION OF GAS PIPE BENEATH TREE WITH FLOWABLE FILL FOR ABANDONMENT.

(D6) DISCONNECT EXISTING 4" STEEL GAS PIPING WHERE PIPING IS BENEATH UNDISTURBED SIDEWALK/CONCRETE AND PREPARE TO FILL SECTION OF GAS PIPE BENEATH UNDISTURBED SIDEWALK/CONCRETE WITH FLOWABLE FILL FOR ABANDONMENT.

(D7) DEMOLISH EXISTING 4" GAS PIPING FOR NEW UNDERGROUND PIPING CONNECTION BETWEEN FANCIONI HALL AND ANIMAL AND FOOD SCIENCE LABORATORY.

(D8) DEMOLISH EXISTING UNDERGROUND GAS PIPING.

(D9) CONTRACTOR TO COORDINATE WITH OWNER FOR TIMING OF DEMOLITION OF THE ELECTRICAL ENGINEERING BUILDING. REMOVE UNDERGROUND GAS PIPING BETWEEN DALRYMPLE BUILDING CONNECTION AND ELECTRICAL ENGINEERING BUILDING ONLY AFTER ELECTRICAL ENGINEERING BUILDING HAS BEEN VACATED AND NEW SERVICE IS ACTIVE TO DALRYMPLE.

(D10) DEMOLISH EXISTING GAS MANHOLE ON STAIRS LEADING INTO SCHOOL OF ANIMAL SCIENCES.

(D11) DEMOLISH EXISTING GAS MANHOLE AND ANY ABANDONED GAS PIPING INTO AND OUT OF MANHOLE. COVER IS CURRENTLY LABELED AS "DRAIN" BUT UNIVERSITY HAS CONFIRMED MANHOLE IS FOR EXISTING AND ABANDONED GAS PIPING.

LEGEND

—g—X—g—X—g—X—	EXISTING NATURAL GAS TO BE DEMOLISHED
—g—g—g—g—g—g—	EXISTING NATURAL GAS TO REMAIN
—g—g—g—g—g—g—	NEW NATURAL GAS

NOTE: REFER TO REFERENCE NOTES FOR PIPING SEGMENTS TO BE FILLED WITH FLOWABLE FILL

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ENLARGED SITE PLAN - FUTURE LIBRARY - GAS

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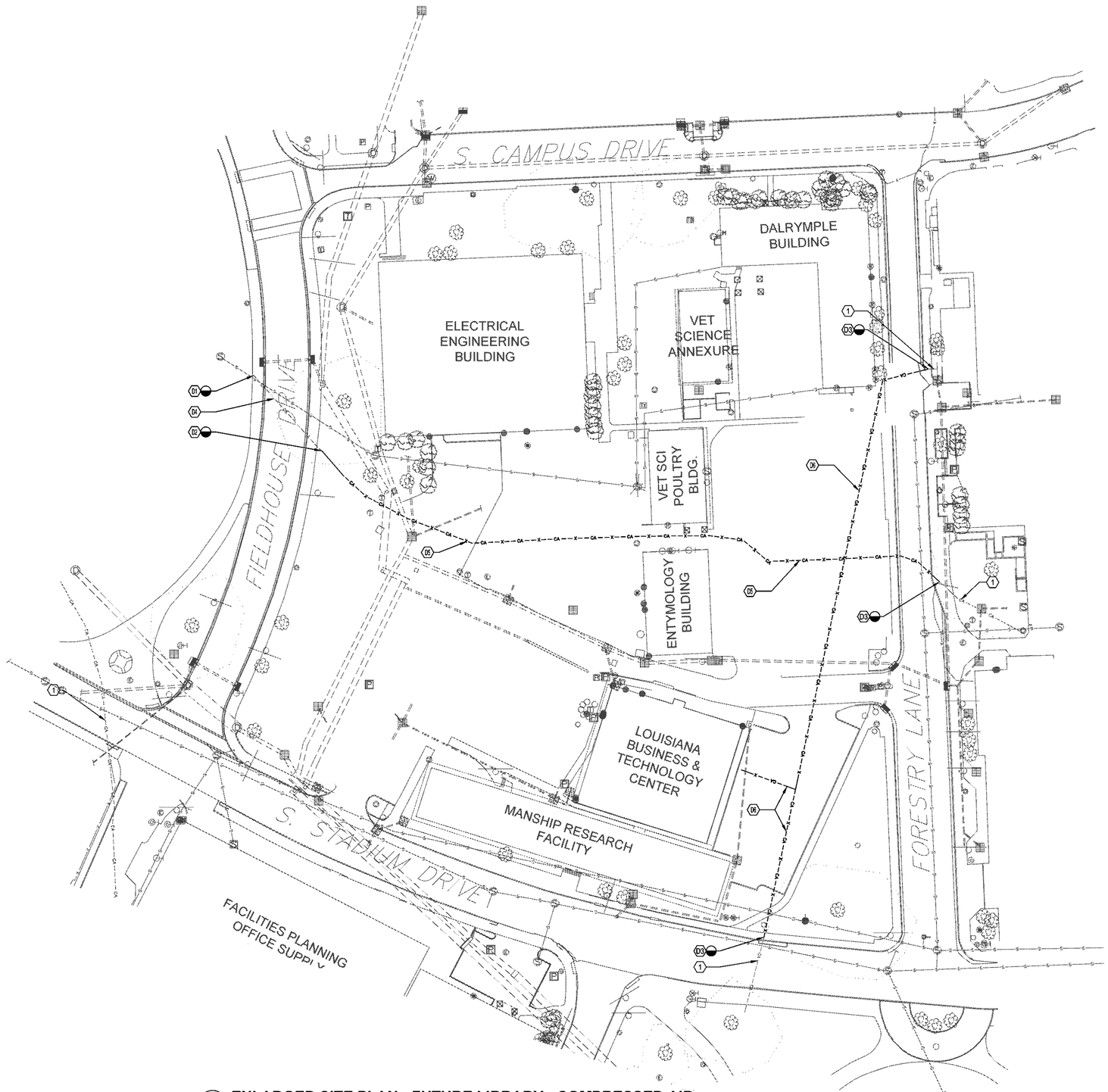

1 M02.05 **ENLARGED SITE PLAN - FUTURE LIBRARY - COMPRESSED AIR**
1"=40'-0"

N

40 0 20 40
(IN FEET)

GENERAL NOTES

1. THE UNIVERSITY HAS DETERMINED THE ONLY BUILDING ON THIS SITE CURRENTLY UTILIZING THIS COMPRESSED AIR SYSTEM IS THE MANSHIP RESEARCH FACILITY, WHICH WILL BE DEMOLISHED. THE UNIVERSITY HAS INDICATED THERE ARE NO DOWNSTREAM COMPRESSED AIR USERS CONNECTED TO THIS PIPING LOOP AND THE COMPRESSED AIR PIPING DOES NOT REQUIRE RECONNECTION AT FORESTRY LANE.
2. THE DESIGN INTENT OF THE UNDERGROUND COMPRESSED AIR SCOPE OF WORK IS TO REMOVE ALL UNDERGROUND COMPRESSED AIR PIPING AT THE FUTURE LIBRARY SITE, BACK TO THE POINT(S) SHOWN IN THE DRAWINGS. PROVIDE CLASS 150 CAP AT UNDERGROUND DISCONNECT POINT AND ABANDON REMAINING UNDERGROUND COMPRESSED AIR PIPING.

REFERENCE NOTES

(1) EXISTING UNDERGROUND COMPRESSED AIR PIPING TO REMAIN.

REFERENCE NOTES - DEMO

(01) EXISTING COMPRESSOR IN ENERGY PLANT. COORDINATE PIPING ISOLATION AND SYSTEM SHUTDOWN WITH UNIVERSITY FACILITIES STAFF.

(02) DISCONNECT EXISTING COMPRESSED AIR PIPING AND DEMOLISH DOWNSTREAM COMPRESSED AIR PIPING.

(03) DISCONNECT EXISTING COMPRESSED AIR PIPING AND CAP UNDERGROUND THAT IS EXISTING TO REMAIN WITH CLASS 150 CAP.

(04) SECTION OF UNDERGROUND COMPRESSED AIR PIPING PIPING TO BE FILLED WITH FLOWABLE FILL FOR ABANDONMENT.

(05) SECTION OF UNDERGROUND COMPRESSED AIR TO BE DEMOLISHED.

(06) THE SUBSURFACE UTILITY ENGINEERING (SUE) INVESTIGATION WAS UNABLE TO LOCATE COMPRESSED AIR MAIN PIPING THROUGH SITE. CONTRACTOR SHALL LOCATE AND DEMOLISH COMPRESSED AIR PIPING SERVING MANSHIP RESEARCH FACILITY AND BUSINESS & TECHNOLOGY CENTER. ENSURE NO DOWNSTREAM COMPRESSED AIR USERS ARE CONNECTED TO THE BRANCH PIPING SERVING THE PIPING TO BE DEMOLISHED.

LEGEND

——CA——X——CA——X——CA——X—— EXISTING COMPRESSED AIR TO BE DEMOLISHED

- - - - CA - - - - - - CA - - - - - - CA - - - - EXISTING COMPRESSED AIR TO REMAIN

NOTE: REFER TO REFERENCE NOTES FOR PIPING SEGMENTS TO BE FILLED WITH FLOWABLE FILL

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENLARGED SITE PLAN - FUTURE LIBRARY - CA

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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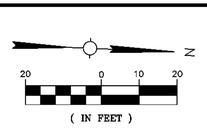
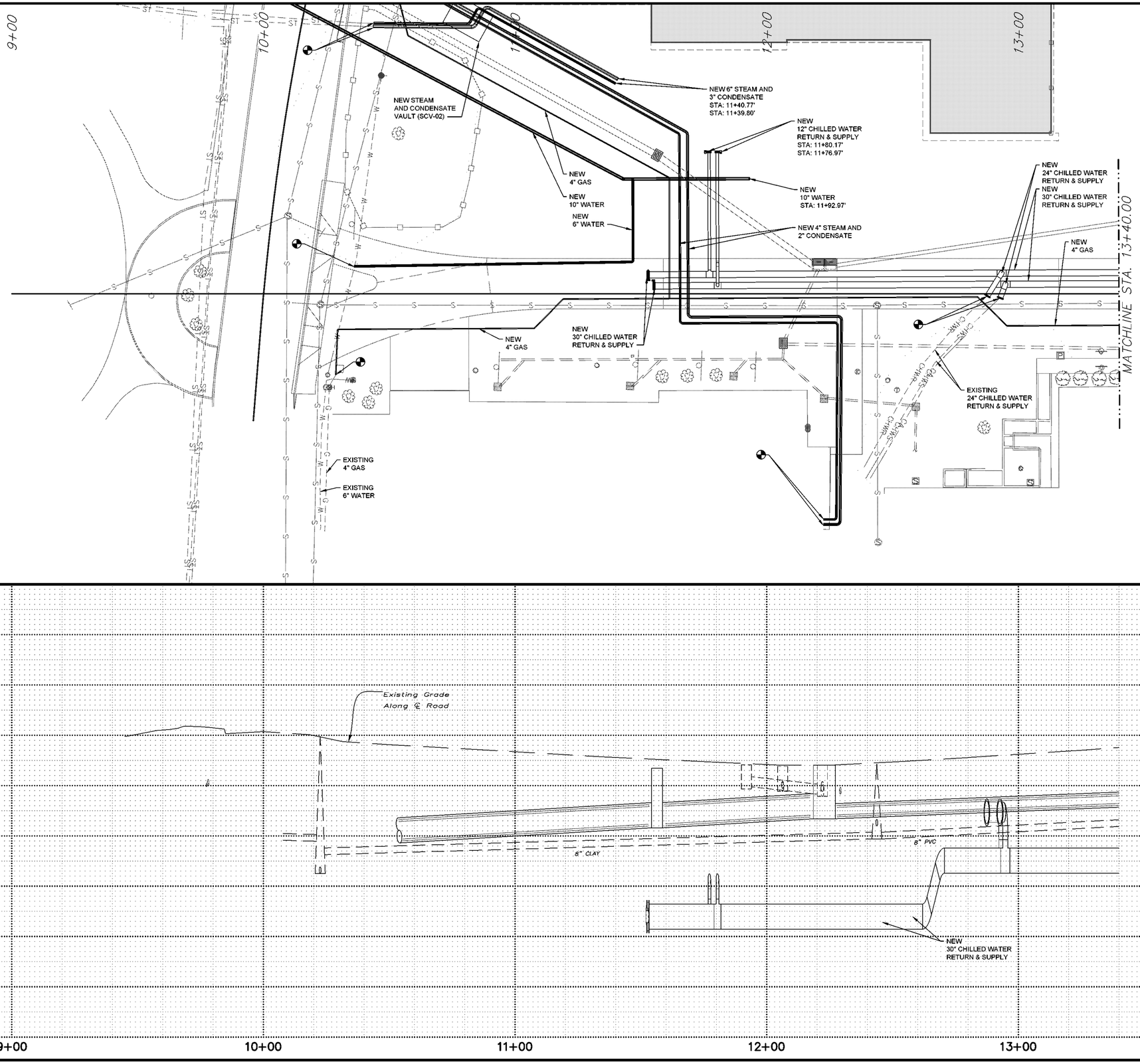
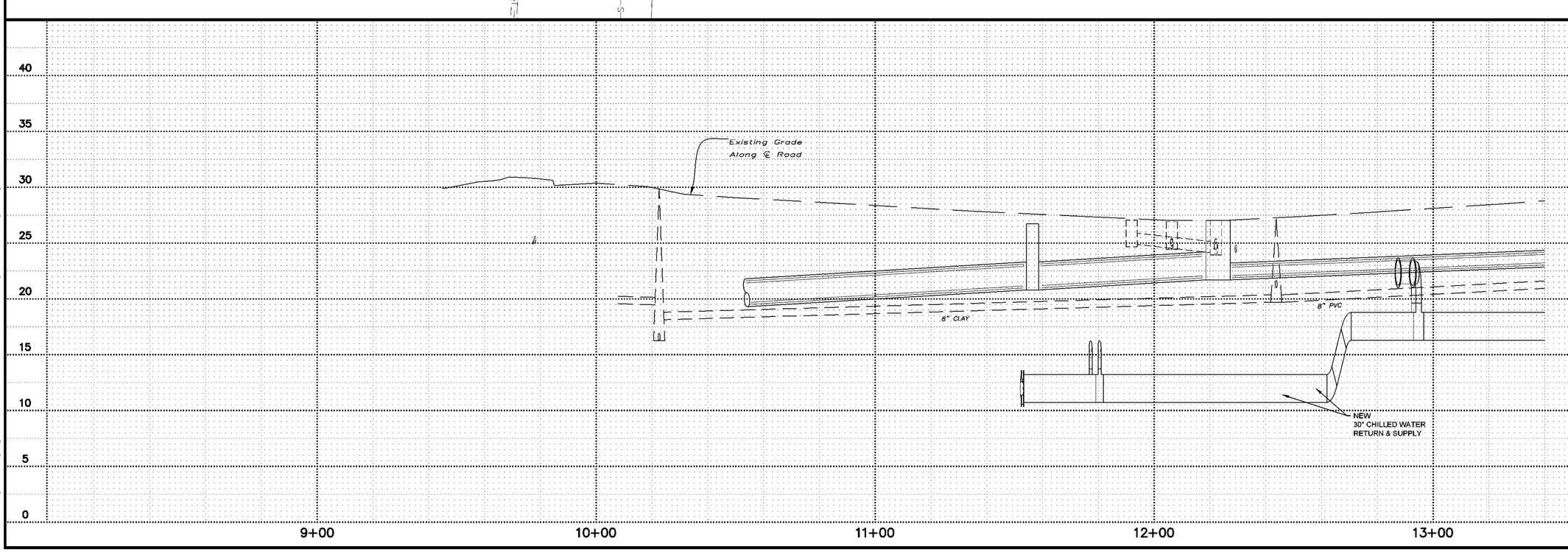
Z:\BE\Projects\Legacy\BES\Orlando\24\70324 - LSU Library Site Strategic Capitol Plan\02-BIM-CAD\M02.05 ENLARGED SITE PLAN - FUTURE LIBRARY - CA

CONSTRUCTION DOCUMENTS







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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECH PLAN AND PROFILE - FORESTRY LANE

STATE OF LOUISIANA
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License No. 31064
PROFESSIONAL ENGINEER
6/27/2025

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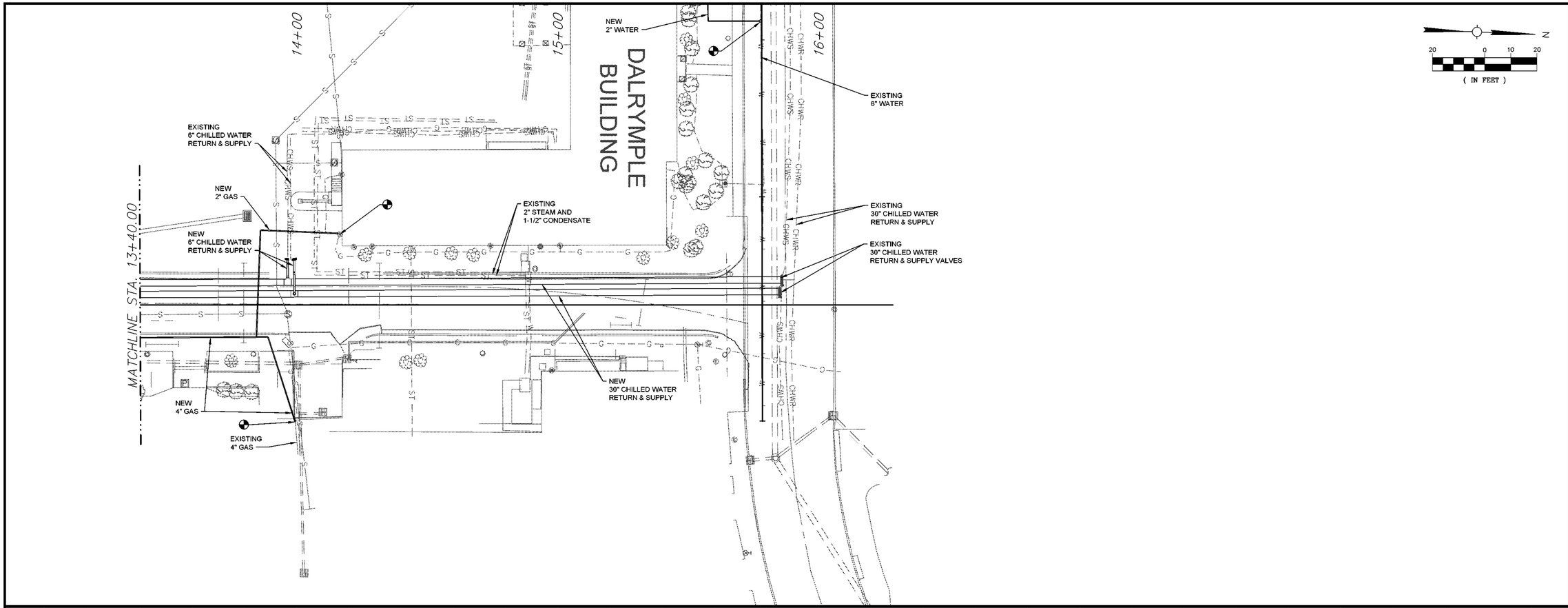
CONSTRUCTION DOCUMENTS



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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECHANICAL PLAN AND PROFILE - FORESTRY LANE

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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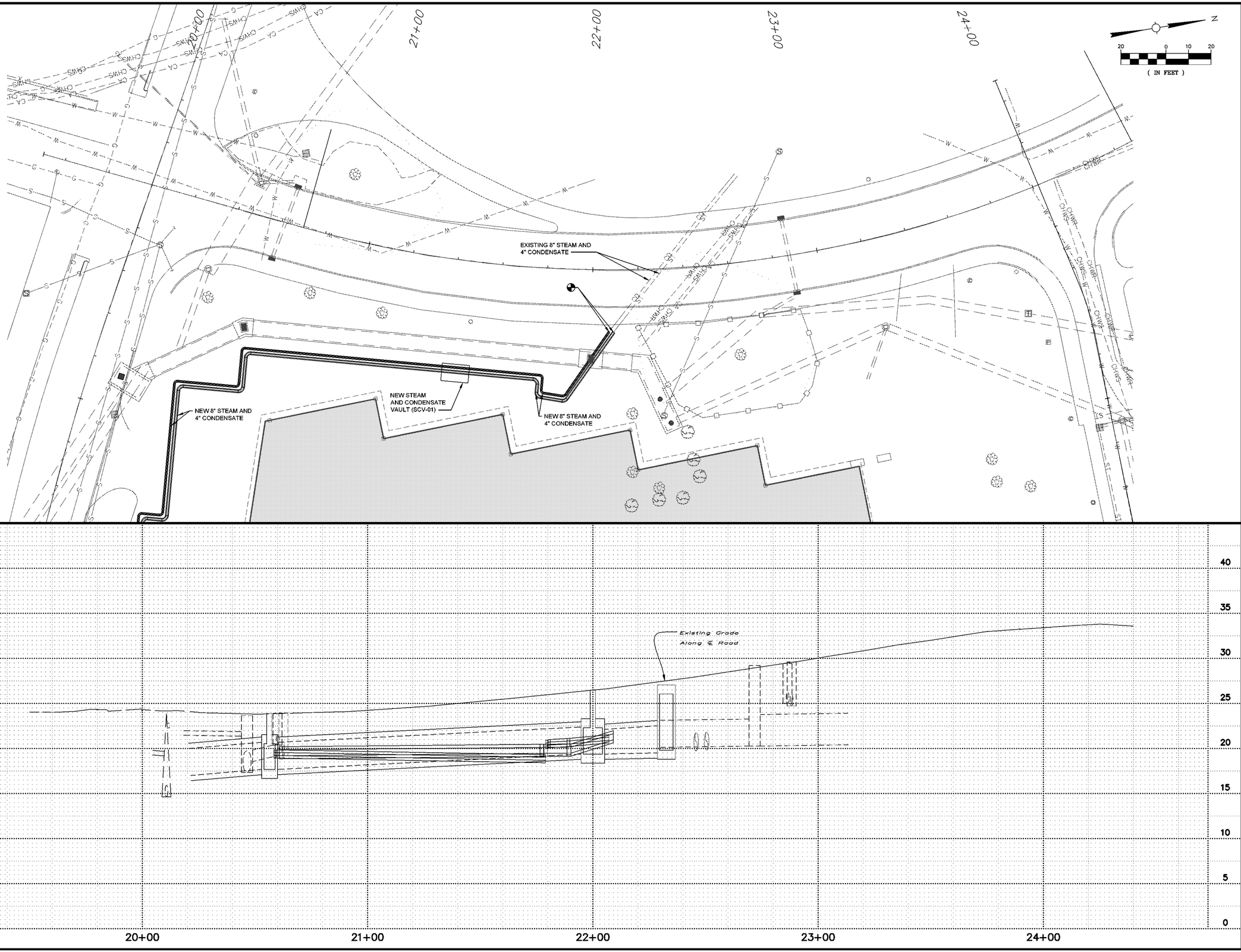

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECH - PLAN AND PROFILE - FIELDHOUSE DRIVE

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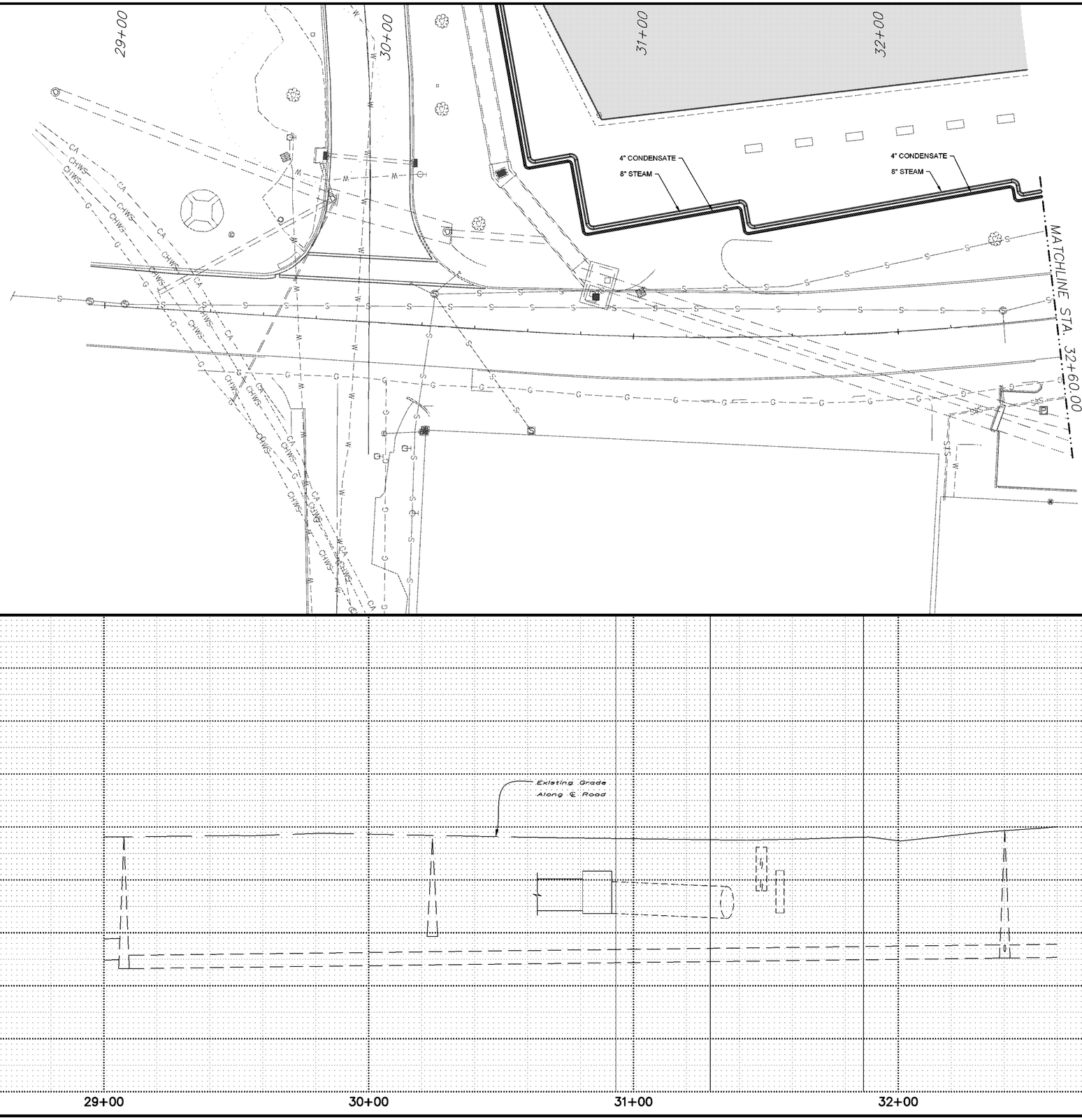

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECH PLAN AND PROFILE - S. STADIUM DRIVE

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
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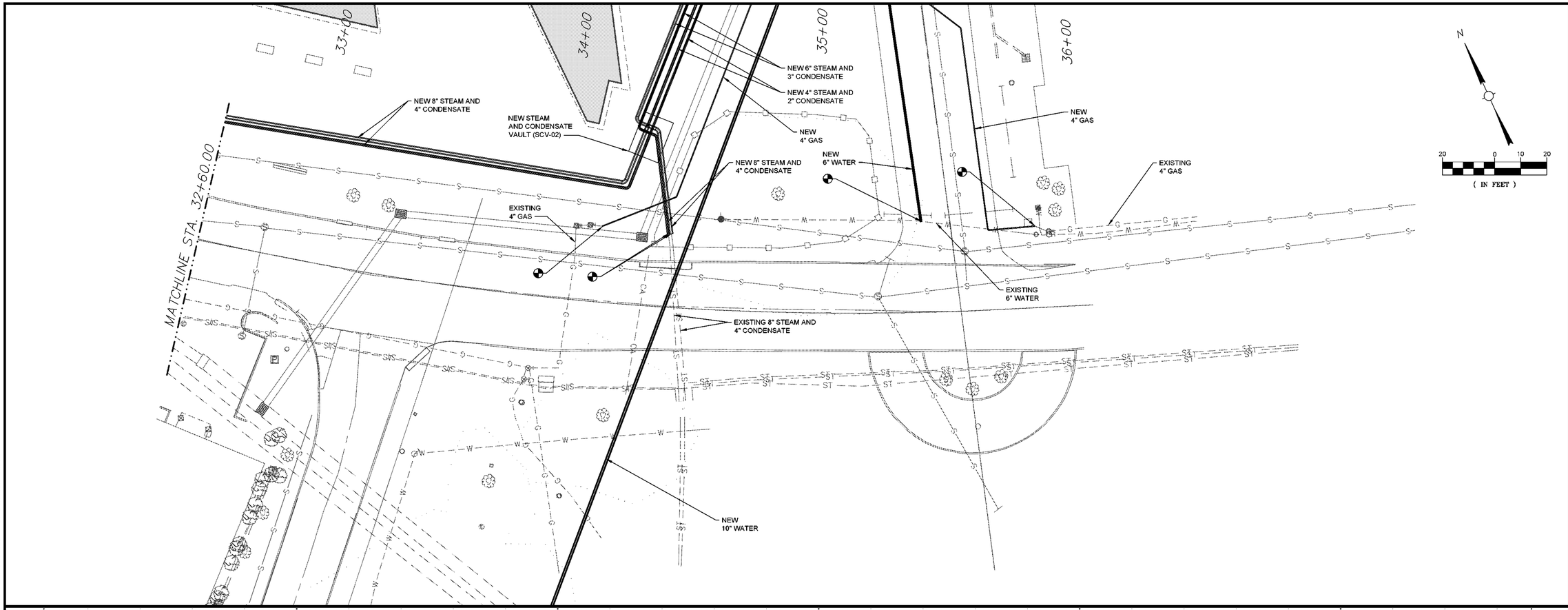

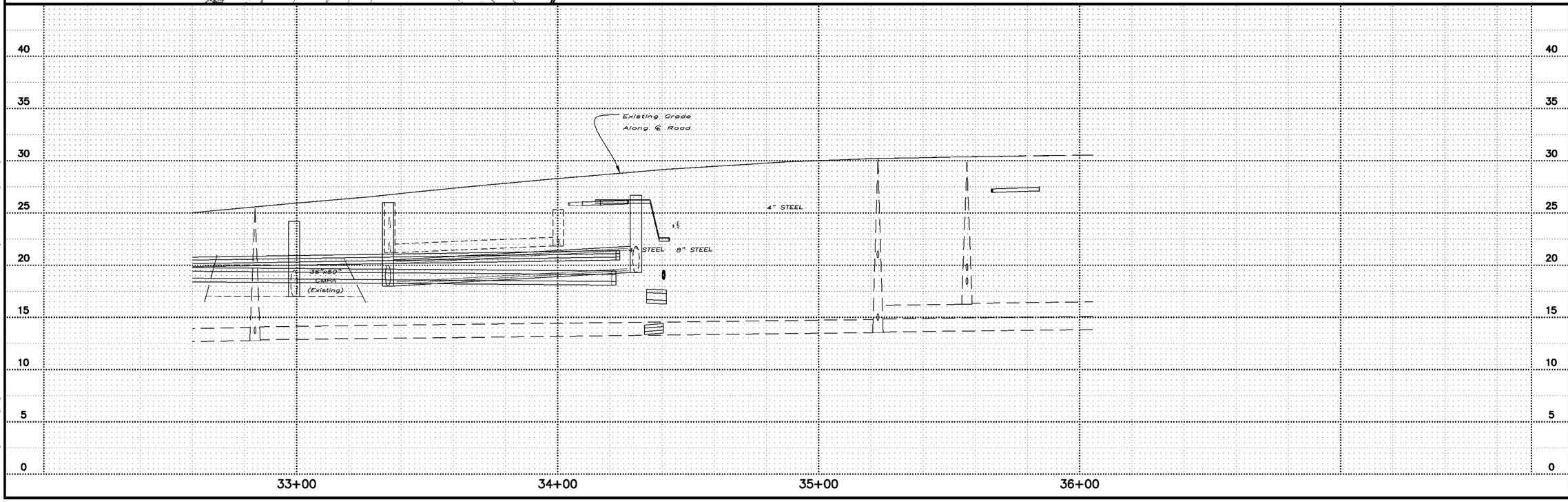

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECH. PLAN AND PROFILE - S. STADIUM DRIVE

STATE OF LOUISIANA
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License No. 31064
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40+00 41+00 42+00 43+00 44+00

N

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(IN FEET)

EXISTING 6" WATER

EXISTING 30" CHILLED WATER RETURN & SUPPLY

NEW 30" CHILLED WATER RETURN & SUPPLY

NEW 2" WATER

P.C. Sta. 40+49.91

P.T. Sta. 40+68.74

N76°44'46.9"E

N87°31'48.2"E

CHWR CHWS ST W S G M

Existing Grade Along ℄ Road

30" HDPE 30" HDPE

45 40 35 30 25 20 15 10 5

40+00 41+00 42+00 43+00 44+00

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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECH PLAN AND PROFILE - S. CAMPUS DRIVE

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
6/27/2025

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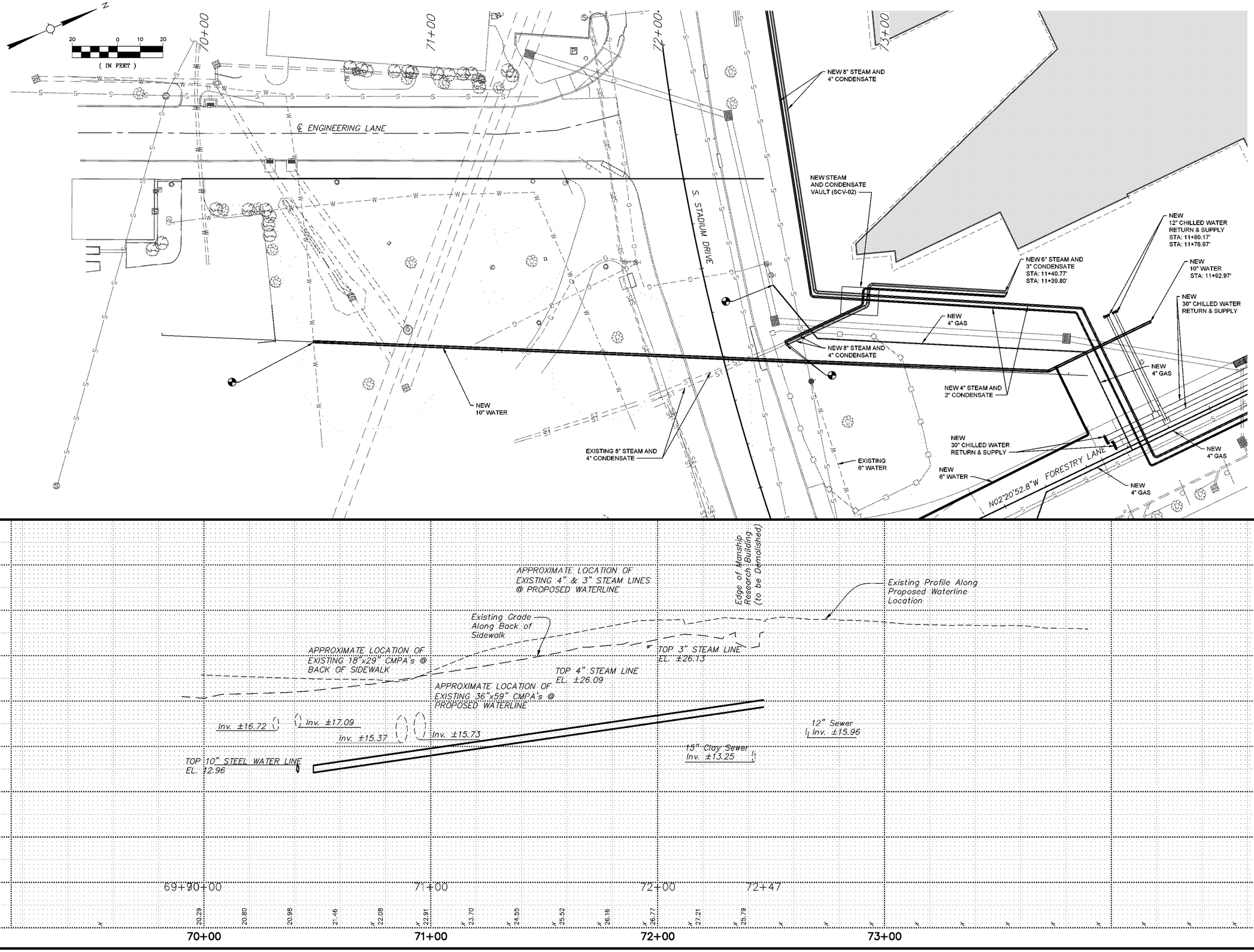

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STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECHANICAL PLAN / PROFILE - ENGINEERING LANE

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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CONSTRUCTION DOCUMENTS

EXISTING 30" HDPE CHILLED WATER SUPPLY AND RETURN PIPING.

EXISTING 42" HDPE CHILLED WATER SUPPLY AND RETURN PIPING.

DISCONNECT AND DEMOLISH ABOVE GROUND 24" CHILLED WATER SUPPLY AN RETURN PIPING BACK TO NEAREST SUPPLY AND RETURN MAINS AT ENERGY PLANT.

SECTION OF EXISTING 24" CHILLED WATER SUPPLY AND RETURN PIPING TO BE FILLED WITH FLOWABLE FILL FOR ABANDONMENT.

AERIAL VIEW

NOTES:

1. REFER TO OVERALL AND ENLARGED PLANS FOR MORE INFORMATION.
2. WHEN PIPE IS FILLED WITH GROUT AND GROUTING OPERATIONS ARE COMPLETE, CONTRACTOR SHALL CUT VENT PIPE TO 1'-0" BELOW GRADE, INSTALL CAP AND BACKFILL EXCAVATION TO GRADE.

DISCONNECT AND DEMOLISH ABOVE GROUND 24" CHILLED WATER SUPPLY AN RETURN PIPING BACK TO NEAREST SUPPLY AND RETURN MAINS AT ENERGY PLANT.

EXISTING 24" CHILLED WATER VALVES TO BE DEMOLISHED.

ENSURE COMMON SUPPLY HEADER REMAINS IN SERVICE AFTER THE DEMOLITION OF 24" ABOVEGROUND CHILLED WATER SUPPLY PIPING.

DEMOLISH EXISTING 24" SUPPLY AND RETURN PIPING TO 3' BELOW GRADE AND PREPARE UNDERGROUND PIPING FOR FLOWABLE FILL FOR ABANDONMENT.

NOTES:

1. REFER TO OVERALL AND ENLARGED PLANS FOR MORE INFORMATION.
2. WHEN PIPE IS FILLED WITH GROUT AND GROUTING OPERATIONS ARE COMPLETE, CONTRACTOR SHALL CUT VENT PIPE TO 1'-0" BELOW GRADE, INSTALL CAP AND BACKFILL EXCAVATION TO GRADE.
3. EXISTING STEEL PIPING SUPPORTS TO REMAIN.

2 M06.01 **EXISTING 24" CHILLED WATER VALVES AT ENERGY PLANT**
NOT TO SCALE

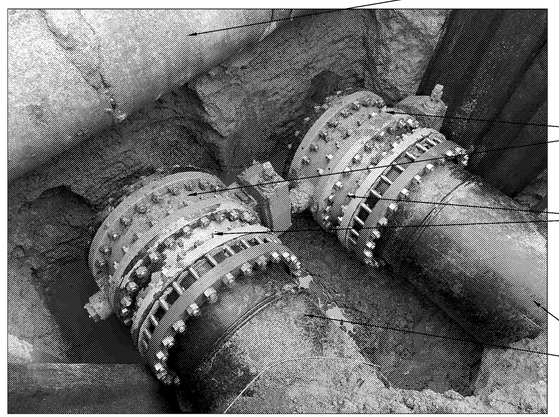
UNCOVERED VIEW

COVERED VIEW

NOTES:

1. REFER TO OVERALL AND PLAN FOR MORE INFORMATION.
2. REPLACE EXISTING STEAM AND CONDENSATE METAL MANHOLE WITH NEW UNDERGROUND PRECAST CONCRETE MANHOLE WITH COMPOSITE VAULT COVERS DESIGNED TO MAINTAIN COOL-TO-TOUCH PROPERTIES.
3. MAINTAIN ACCESS WITHIN NEW MANHOLE FOR OPERATING AND SERVICING OF EXISTING VALVE(S).
4. PROVIDE ANCHOR BLOCKING AT ALL PIPING ENTRANCES/EXITS OF VAULT WALLS DESIGNED TO ELIMINATE THE MOVEMENT OF PIPING.

3 M06.01 **EXISTING STEAM AND CONDENSATE MANHOLE TO BE REPLACED**
NOT TO SCALE



EXISTING 24" RCP PIPE TO REMAIN. CONTRACTOR TO CONFIRM ABILITY TO INSTALL NEW BACK-TO-BACK STEEL FLANGES AND HDPE FLANGE ADAPTER BENEATH EXISTING RCP PIPE.

EXISTING 30" HDPE CHILLED WATER SUPPLY AND RETURN VALVES.

EXISTING BACK-TO-BACK STEEL FLANGES REQUIRED FOR VALVE ACTUATION. REMOVE BLIND FLANGE AND PROVIDE ADDITIONAL BACK-TO-BACK STEEL FLANGES.

EXISTING 30" HDPE CHILLED WATER SUPPLY AND RETURN PIPING.

1 M06.01 **EXISTING 30" CHILLED WATER VALVES AT S. CAMPUS DRIVE**
NOT TO SCALE

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7353 HIGHLAND ROAD,
SUITE B-3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY

PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECHANICAL DETAILS

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
6/27/2025

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M06.01

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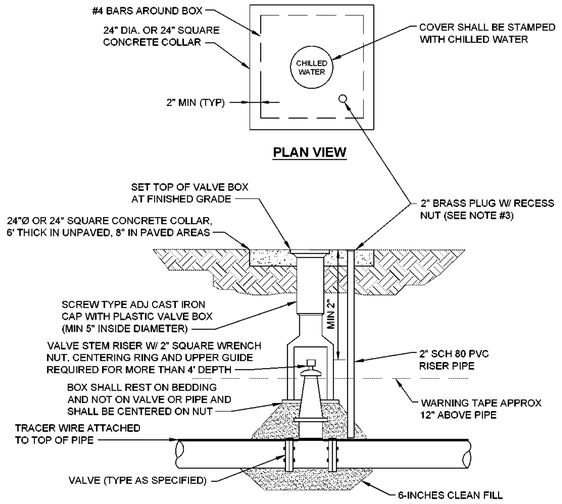
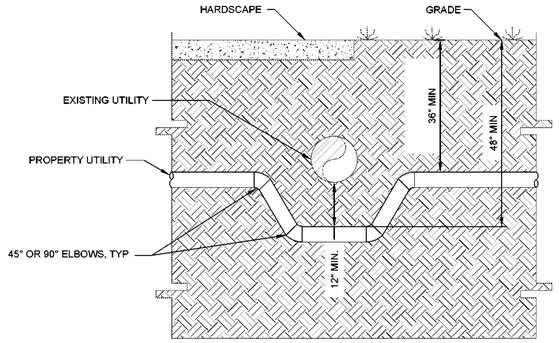
CONSTRUCTION DOCUMENTS



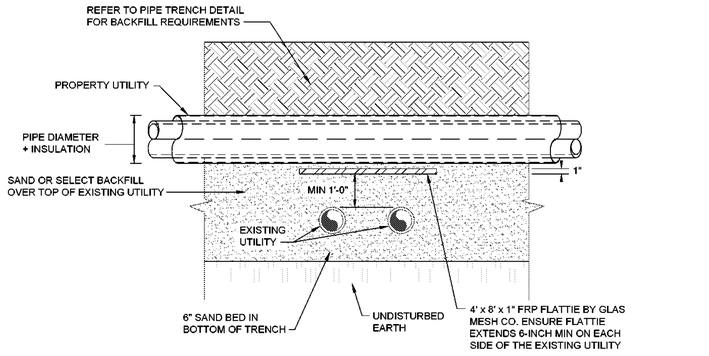
NOTES
1. VALVES SHALL NOT BE LOCATED IN STREET CURBS.
2. VALVE COVERS SHALL BE PAINTED COLOR CHOSEN BY UNIVERSITY.
3. LOCATOR WIRE ACCESS - 2" SCHEDULE 80 PVC, FEMALE ADAPTER COUPLING AND 2" BRASS PLUG WITH RECESSED NUT. TERMINATE INSULATED TRACER WIRES AT TOP WITH 12" OF EXTRA WIRE.

5 M06.02 BURIED CHILLED WATER VALVE AND VALVE BOX
NOT TO SCALE



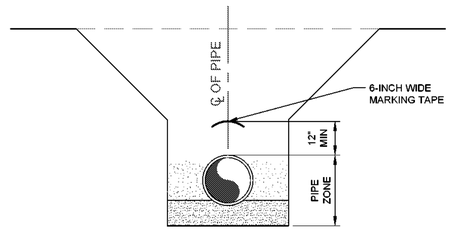
NOTE
1. IF PLAN AND/OR PROFILE SHOW ADDITIONAL CLEARANCE FOR SPECIFIC LOCATIONS, THEN THE REQUIREMENTS FOR PLAN AND/OR PROFILE SHALL GOVERN.

3 M06.02 UTILITY PIPE CROSSING DETAIL
NOT TO SCALE



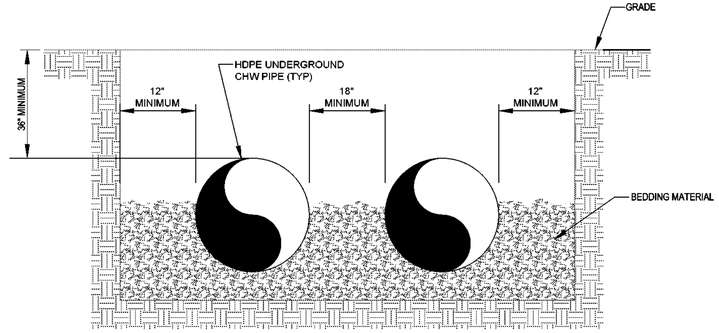
NOTES
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSION AND PIPING LOCATIONS.

2 M06.02 SHALLOW STEAM & CONDENSATE UTILITY PIPE CROSSING DETAIL
NOT TO SCALE



MARKING TAPE AND MESSAGES			
PIPE	TAPE COLOR	MESSAGE	MESSAGE COLOR
CHILLED WATER SUPPLY CHILLED WATER RETURN	GREEN W/ BROWN STRIPING	"CAUTION CHILLED WATER MAIN BURIED BELOW"	BLACK
NATURAL GAS	YELLLOW	"CAUTION NATURAL GAS MAIN BURIED BELOW"	BLACK
COMBINED DOMESTIC AND FIRE PROTECTION WATER	BLUE	"CAUTION WATER MAIN BURIED BELOW"	WHITE
STEAM & CONDENSATE	YELLOW	"CAUTION HIGH PRESSURE STEAM MAIN BURIED BELOW" "CAUTION STEAM CONDENSATE MAIN BURIED BELOW"	BLACK

4 M06.02 UTILITY PIPING IDENTIFICATION & DETECTION DETAIL
NOT TO SCALE



1 M06.02 HYDRONICS - UNDERGROUND CHILLED WATER PIPING TRENCH
NOT TO SCALE

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BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
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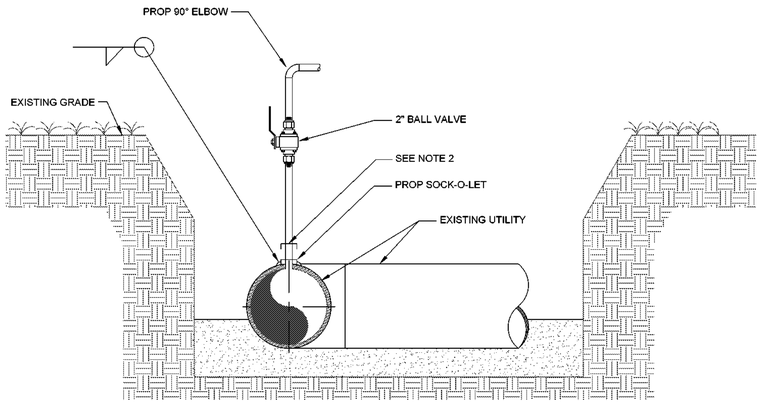


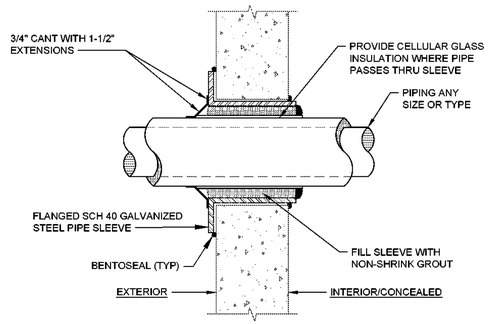
ELEVATION

MIX BASIS OF DESIGN:
STRENGTH: 50 PSI (MIN.)/100 PSI (MAX.)
PUMPING DISTANCE: 280 FT (MAX.)

NOTES:

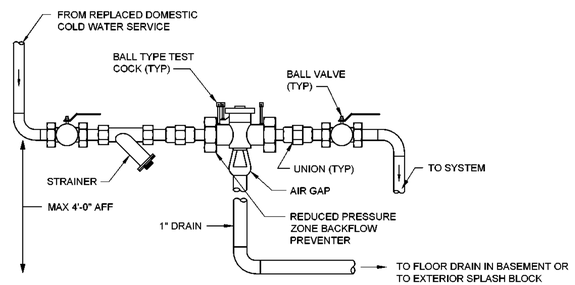
1. UTILIZE EXISTING VENT OR DRAIN PIPE FOR EXISTING UTILITIES WHEN AVAILABLE.
2. WHEN PIPE IS FILLED WITH GROUT AND GROUTING OPERATIONS ARE COMPLETE, CONTRACTOR SHALL CUT VENT PIPE TO 1'-0" BELOW GRADE, INSTALL CAP AND BACKFILL EXCAVATION TO GRADE.
3. USE SAME DETAILS ON BOTTOM OF PIPE FOR DRAINS WHEN AVAILABLE.
4. COORDINATE ALL INJECTION/VENT/DRAIN LOCATIONS WITH EXISTING AND NEW UNDERGROUND UTILITIES
5. ADDITIONAL VENTING AND/OR INJECTION POINTS MAY BE REQUIRED AS PART OF THE GROUTING WORK. CONTRACTOR IS RESPONSIBLE FOR ALL ADDITIONAL MATERIALS, EQUIPMENT, COORDINATION, ETC. THAT IS NOT SHOWN OR INDICATED ON THE GROUTING PLAN.
6. COORDINATE THE SIZE AND/OR SCHEDULE OF ALL VALVES, FITTINGS, PIPING, ETC. WITH THE GROUT CONTRACTOR PRIOR TO FABRICATION.
7. CONTRACTOR SHALL COORDINATE THE SIZE AND QUANTITY OF HOPPERS/CONTAINERS WITH FIELD CONDITIONS.
8. CONTRACTOR TO DETERMINE THE PIPE SIZE FOR GROUT INJECTION/VENTING BASED THE GROUT SCHEDULE.

3 M06.03 UTILITY INJECTION POINT/VENT/DRAIN INSTALLATION
NOT TO SCALE



NOTE
1. PROVIDE CHROME ESCUTCHEON OVER PENETRATION WHEN EXPOSED TO VIEW.

2 M06.03 DOMESTIC WATER PIPE PENETRATION - EXTERIOR WALL
NOT TO SCALE



1 M06.03 REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER
NOT TO SCALE

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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

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DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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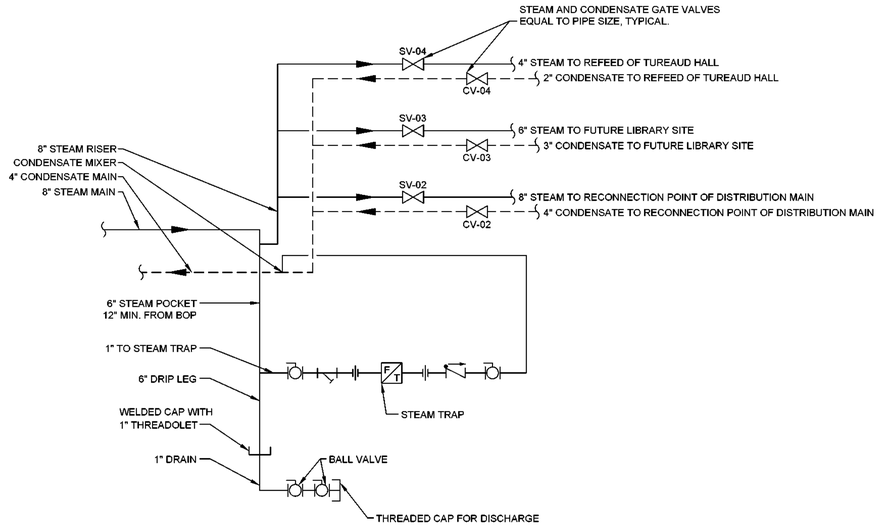
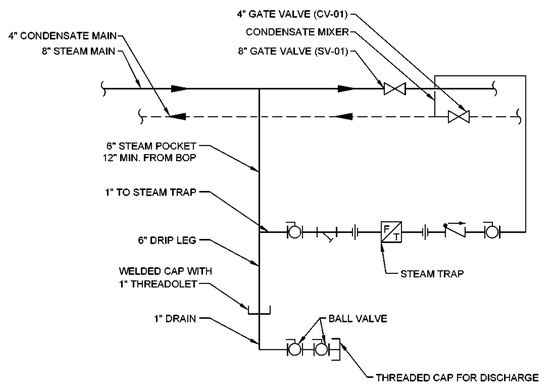


NOTES:

1. PROVIDE ANCHOR BLOCKING AT ALL PIPING ENTRANCES/EXITS OF VAULT WALLS DESIGNED TO ELIMINATE THE MOVEMENT OF PIPING.
2. INSULATE AND JACKET ALL FIELD FABRICATED PIPING WITHIN STEAM AND CONDENSATE VAULT WITH MINIMUM 5" CALCIUM SILICATE PIPE INSULATION AND 125-MIL THICK HDPE JACKET.
3. INSULATE ALL VALVES, TRAPS, STRAINERS, AND APPURTENANCES WITHIN STEAM AND CONDENSATE VAULT WITH REMOVABLE INSULATION JACKET DESIGNED FOR OPERATING TEMPERATURES BETWEEN 300 AND 375 DEG-F. REMOVABLE JACKET MATERIALS SHALL BE NON-ASBESTOS AND DESIGNED FOR INSTALLATION WITHIN UNDERGROUND VAULTS AND TO MAINTAIN A TOUCH TEMPERATURE (EXTERIOR) OF LESS THAN 120 DEG-F (BASIS OF DESIGN: THERMAXX PTFE WITH PYROGEL INSULATION, OR EQUAL).
4. PROVIDE VALVE TAGS/LABELS FOR EACH GATE VALVE ON EXTERIOR SIDE OF REMOVABLE JACKET, INCLUDING THE BUILDING SERVED AND/OR VALVE NUMBER. SUBMIT TAG/LABELS FOR REVIEW PRIOR TO ORDERING.

4 M06.04 STEAM & CONDENSATE VAULT (SCV-02) P&ID
NOT TO SCALE



NOTES:

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3 M06.04 STEAM & CONDENSATE VAULT (SCV-01) P&ID
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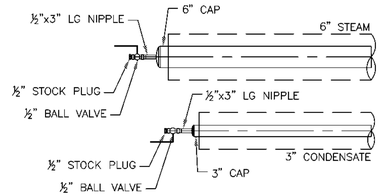
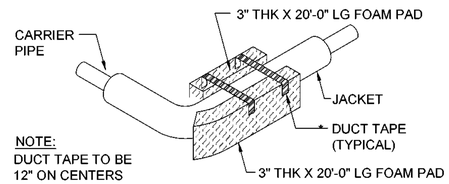
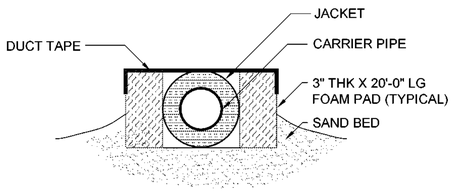


2 M06.04 FUTURE LIBRARY STEAM AND CONDENSATE BRANCH TERMINATIONS
NOT TO SCALE



ISOMETRIC VIEW



CROSS SECTION

INSTALLATION INSTRUCTIONS:

EXPANSION BOLSTERS PROCEDURE

1. EXPANSION BOLSTER MATERIAL SHALL BE PROVIDED IN PADS: 20'-0" LONG x 3" THICK x 29 TALL".
2. PLACE BOLSTER PADS AGAINST JACKET AND CURVE AROUND ELBOW AS SHOWN. HOLD IN PLACE BY ATTACHING PADS TO JACKET WITH DUCT TAPE OR EQUIVALENT ON TOP AND BEDDING SAND ON THE BOTTOM. BE CERTAIN THAT THE BOLSTER PADS FITS SNUG TO JACKET.

1 M06.04 STEAM AND CONDENSATE EXPANSION BOLSTER
NOT TO SCALE

CONSTRUCTION DOCUMENTS

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5215 ESSEN LANE, SUITE 100
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06/27/2025

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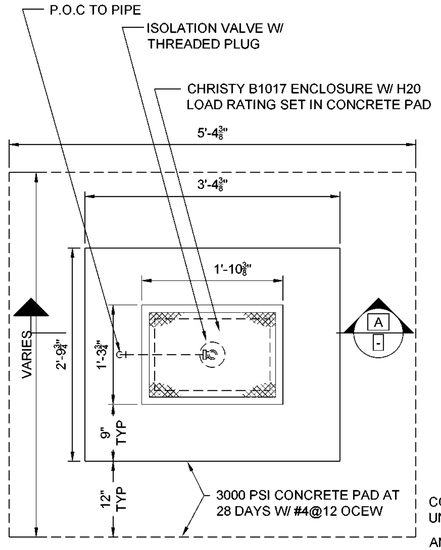
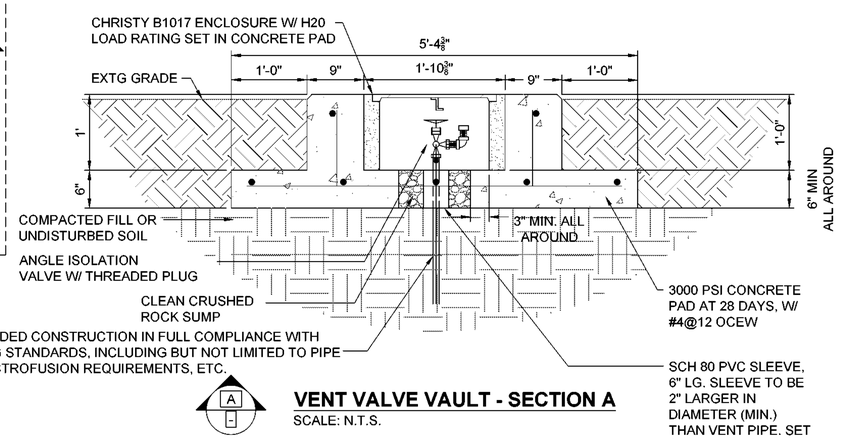


VENT VALVE VAULT - PLAN

SCALE: N.T.S.

NOTES:

1. VENT VALVE VAULT BASE:
   - 1.1. PREPARE THE EXCAVATION APPROXIMATELY 6" DEEPER THAN THE OVERALL HEIGHT OF THE ENCLOSURE. THE LENGTH AND WIDTH OF THE EXCAVATION SHOULD BE DETERMINED BY ADDING 12" TO THE OVERALL LENGTH AND WIDTH OF THE BOX.
   - 1.2. THE VENT VALVE VAULT SHALL BE PLACED ON A 6" THICK OF COMPACTED CLEAN CRUSHED ROCK, COARSE GRAVEL OR ANGULAR STONE FOR IMPROVED DRAINAGE CHARACTERISTICS. THE COMPACTED MATERIAL SHOULD BE LEVELED SO THE TOP OF THE BOX IS FLUSH WITH GRADE IN THE CASE ON PAVEMENT INSTALLATIONS AND ADJUSTED AS SHOWN BELOW FOR GREENSPACE INSTALLATIONS.
   - 1.3. ALL COMPACTION ACTIVITIES SHALL BE PERFORMED BY HAND IN 4" TO 6" LIFTS.
   - 1.4. THE FINAL 6" TO 8" OF THE EXCAVATION SHALL BE FINISHED WITH CONCRETE COLLAR. THIS MAY BE ACCOMPLISHED BY PROVIDING A FORM AROUND THE ENCLOSURE THAT WOULD PRODUCE A 6" MINIMUM WIDE COLLAR.
2. SUBGRADE SHALL BE PLACED IN LAYERS NOT TO EXCEED 6 INCHES AND SELECT FILL SHALL BE COMPACTED TO NOT LESS THAN 98% RELATIVE DENSITY IN ACCORDANCE WITH ASTM D-1557.
3. COORDINATE THE DEPTH OF VAULT WITH THE SPECIFIED VALVE AND INCREASE THE DEPTH AS NEEDED TO ACHIEVE A MINIMUM OF 4" CLEARANCE ON THE TOP AND BOTTOM OF THE VALVE.
4. VENT VALVE VAULTS INSTALLED ADJACENT TO ONE ANOTHER SHALL HAVE THEIR PADS COMBINED INTO A SINGLE, LARGER PAD.

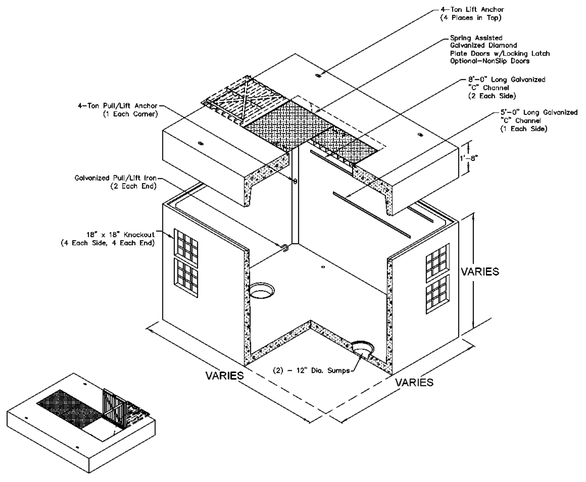


VENT VALVE VAULT - SECTION A

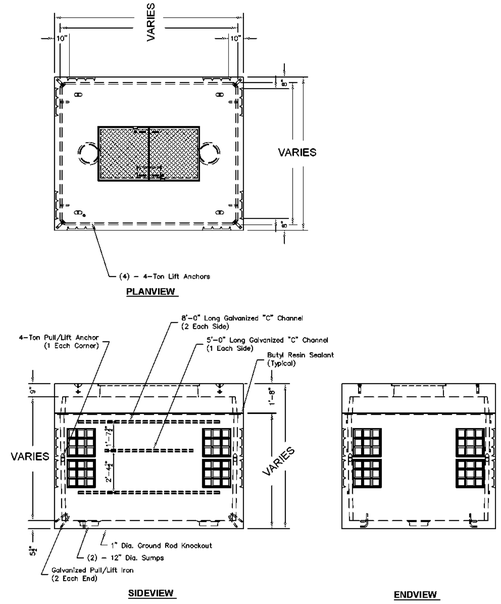
SCALE: N.T.S.

2 M06.05 VENT VALVE VAULT INSTALLATION DETAIL (OR EQUAL)

NOT TO SCALE



Note: Designed for 0 to 5'-0" of Cover



1 M06.05 STEAM AND CONDENSATE VAULT (OR EQUAL)

NOT TO SCALE

CONSTRUCTION DOCUMENTS

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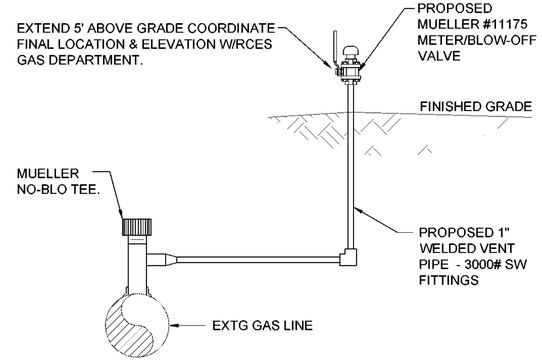
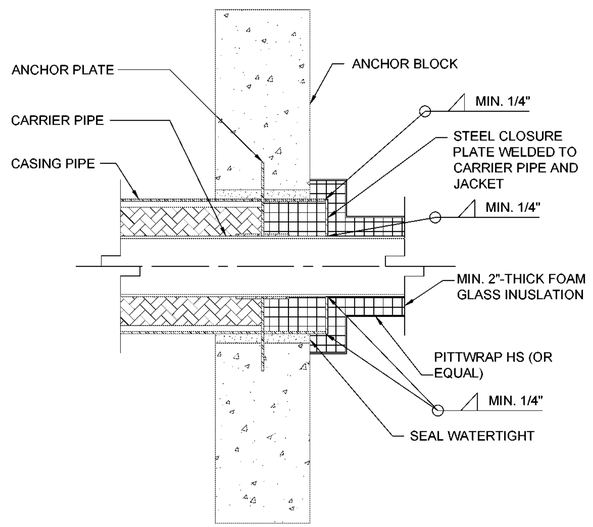


2 M06.06 TEMPORARY VENT VALVE DETAIL
NOT TO SCALE



3 M06.06 STEAM & CONDENSATE END CLOSURE (OR EQUAL)
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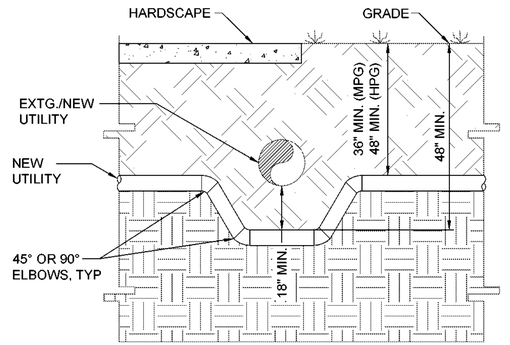

NOTE:

1. IF PLAN AND/OR PROFILE SHOW ADDITIONAL CLEARANCE FOR SPECIFIC LOCATIONS, THEN THE REQUIREMENTS FOR PLAN AND/OR PROFILE SHALL GOVERN.

1 M06.06 NATURAL GAS UTILITY CROSSING
NOT TO SCALE

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BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
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6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B - 3B
BATON ROUGE, LA 70808

SUBSURFACE UTILITY ENGINEERING (SUE):
T. BAKER SMITH, LLC
180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS, LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

MECHANICAL DETAILS

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
06/27/2025

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1"

REVISIONS

NO.	DESCRIPTION	DATE

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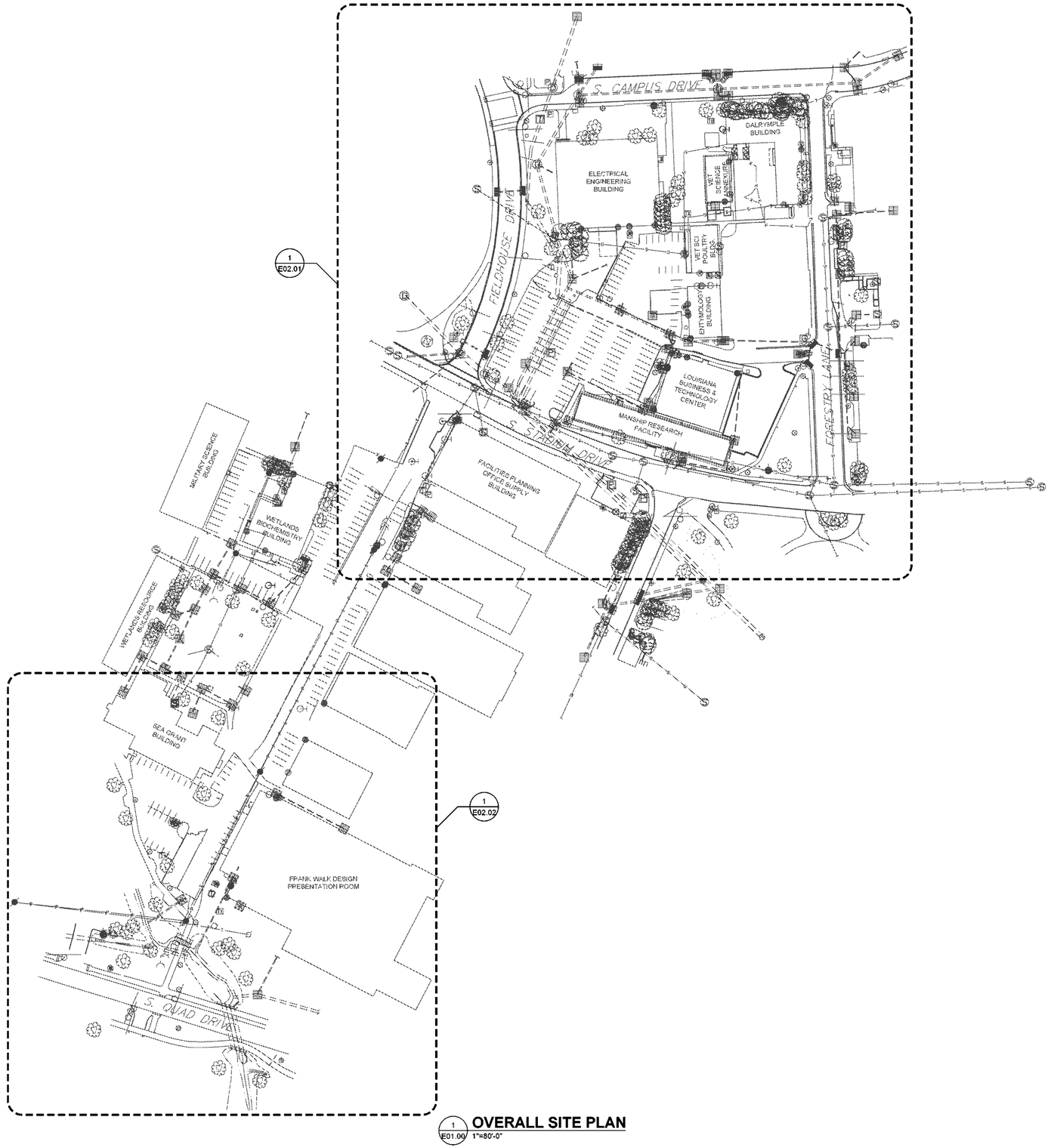
Z:\BE\Projects\Legacy\BE3\Orlando\24\70324 - LSU Library Site Strategic Capital Plan\02-BIM-CAD\M06.06 MECHANICAL DETAILS

CONSTRUCTION DOCUMENTS



1 E01.00 **OVERALL SITE PLAN** 1"=80'-0"

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LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ELECTRICAL - OVERALL SITE PLAN WITH KEY

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
6/27/25

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z:\BE\Projects\Legacy\BE3\Orlando\24\70324 - LSU Library Site Strategic Capitol Plan\02-BIM-CAD\E01.00 ELECTRICAL SITE PLAN - OVERALL SITE PLAN WITH KEY

CONSTRUCTION DOCUMENTS

G:\BE\Projects\Legacy\BES\Orlando\24\70324 - LSU Library Site Strategic Capital Plan\02-BIM-CAD\E01.01 ELECTRICAL - TELECOMM - NOTES AND LEGEND

POWER

	DISCONNECT SWITCH. REFER TO PLAN SHEET FOR REQUIREMENTS (I.E. SIZE, FUSED, NON-FUSED, ETC.)	h, j
C	CONTROL AND/OR POWER EQUIPMENT CONNECTION.	j
	120/208V BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED	h, j
	277/480V BRANCH CIRCUIT PANELBOARD	h, j
	TRANSFORMER, PAD MOUNTED (PROVIDE 4" CONCRETE HOUSEKEEPING PAD FOR ALL INDOOR APPLICATIONS.)	j
	ENCLOSED MOLDED CASE CIRCUIT BREAKER IN NEMA 1 ENCLOSURE	h, j
SPD	SURGE PROTECTIVE DEVICE	
	BRANCH CIRCUIT CONDUIT CONCEALED ABOVE CEILING OR IN WALL. MINIMUM TWO CONDUCTORS PLUS GROUND. REFER TO SPECIFICATIONS AND EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR REQUIREMENTS. ARROWS INDICATE CIRCUIT CONNECTIONS AND HOMERUNS TO PANEL AS INDICATED ON PLANS. TYPICAL FOR ALL RACEWAY TYPES, U.O.N.	
	BRANCH CIRCUIT CONDUIT CONCEALED BELOW SLAB OR UNDERGROUND	
	BRANCH CIRCUIT CONDUIT EXPOSED	
	CONDUIT CONTINUED	
	CONDUIT CAPPED OFF	
--x--P--	UNDERGROUND POWER LINE - DEMOLISH.	
----P--	UNDERGROUND POWER LINE - EXISTING TO REMAIN.	
——P——	UNDERGROUND POWER LINE - NEW.	
PB	FLUSH GRADE FIBER COMPOSITE PULLBOX	
	CONDUIT CONTINUED	
	CONDUIT CAPPED OFF	
	CONDUIT RUN UP	
	CONDUIT RUN DOWN	

LIGHTING

	PEDESTRIAN LIGHT POLE	

COMMUNICATION AND DATA

COM	TELECOMMUNICATIONS CABINET	n
--x--TE--	UNDERGROUND FIBER OPTIC LINE - DEMOLISH.	
----TE--	UNDERGROUND FIBER OPTIC LINE - EXISTING TO REMAIN.	
—TE—TE—	UNDERGROUND FIBER OPTIC LINE - NEW.	
--x--T--	UNDERGROUND TELEPHONE LINE - DEMOLISH.	
----T----	UNDERGROUND TELEPHONE LINE - EXISTING TO REMAIN.	
—T——T—	UNDERGROUND TELEPHONE LINE - NEW.	
--x--TV--	UNDERGROUND TELEVISION LINE - DEMOLISH.	
----TV----	UNDERGROUND TELEVISION LINE - EXISTING TO REMAIN.	
—TV——TV—	UNDERGROUND TELEVISION LINE - NEW.	
TPB	TELEPHONE PRESSURE PULLBOX.	
PB	FLUSH GRADE FIBER COMPOSITE PULLBOX	
	DATA CONDUIT CONCEALED BELOW SLAB OR UNDERGROUND	
	CONDUIT CONTINUED	
	CONDUIT CAPPED OFF	
	CONDUIT RUN UP	
	CONDUIT RUN DOWN	

SYMBOL LEGEND NOTES:

1. SCREENED ELECTRICAL ITEM DENOTES EXISTING.
2. ALL DIMENSIONS INDICATED ARE TO THE BOTTOM OF FIXTURE, OUTLET, OR EQUIPMENT AND SHALL BE THE DIMENSIONS USED UNLESS INDICATED OTHERWISE ON THE DRAWINGS. DIMENSIONS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS ARE TO THE BOTTOM OF THE FIXTURE, OUTLET, OR EQUIPMENT, UNLESS INDICATED OTHERWISE. ALL MOUNTING HEIGHTS SHALL COMPLY WITH ADA REQUIREMENTS. VERIFY AND COORDINATE THE EXACT HEIGHT AND LOCATION OF ALL FIXTURES, OUTLETS, AND EQUIPMENT WITH ALL DOCUMENTS AND DISCIPLINES PRIOR TO ROUGH-IN; ADJUST TO MEET ALL REQUIREMENTS.
3. ALL SYMBOLS INDICATED IN THIS LEGEND MAY NOT BE USED ON THE PLANS.
4. ALL WIRING DEVICES SHALL BE PROVIDED WITH A GROUNDING TERMINAL SCREW.
5. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. U.O.N. = UNLESS OTHERWISE NOTED.
7. A.H.J. = AUTHORITY HAVING JURISDICTION.
8. A.F.F. = ABOVE FINISHED FLOOR
9. ELECTRICAL CONTRACTOR TO PROVIDE PULL STRINGS IN ALL CONDUIT(S).

REMARKS:

a. MOUNTED 16" ABOVE FINISHED FLOOR TO THE BOTTOM.
b. MOUNTED 44" ABOVE FINISHED FLOOR TO THE BOTTOM.
c. MOUNTED 50" ABOVE FINISHED FLOOR TO THE BOTTOM.
d. OUTLET BOX SHALL BE SIZED PER SYSTEM INSTALLERS REQUIREMENTS.
e. SUPPORT OUTLET BOX FROM STRUCTURE WITH (1) 3/8" ALL THREADS MINIMUM. BOXES LARGER THAN 25" SQUARE INCHES SHALL BE SUPPORTED WITH (2) 3/8" ALL THREADS MINIMUM.
f. JUNCTION/OUTLET BOX SHALL BE SIZED AS REQUIRED FOR CONDUCTOR/DEVICES FILL PER N.E.C.
g. THREADED CONDUIT HUBS SHALL BE SIZED AND CONFIGURED AS REQUIRED FOR APPLICATION.
h. PROVIDE STRUT MOUNTING RACK FOR FREE STANDING APPLICATIONS. STRUT SHALL BE PAINTED FOR EXTERIOR APPLICATIONS.
i. WHEN SURFACE JUNCTION BOX SYMBOL IS COMBINED WITH DEVICE SYMBOL, PROVIDE APPROPRIATE SURFACE PLATE FOR OUTLET APPLICATION.
j. MAINTAIN WORKING CLEARANCES IN STRICT ACCORDANCE WITH N.E.C. COORDINATE EXACT LOCATION OF EQUIPMENT WITH ALL DISCIPLINES (I.E. ARCHITECTURAL, STRUCTURAL, HVAC, PLUMBING, FIRE PROTECTION, KITCHEN EQUIPMENT, MILLWORK, ETC.) PRIOR TO ROUGH-IN TO MAINTAIN CLEARANCES.
k. "NL" INDICATES FIXTURE CONNECTED AHEAD OF ALL SWITCHES FOR 24 HOUR NIGHTLIGHT OPERATION.
l. MOUNTED 80" ABOVE FINISHED FLOOR TO BOTTOM.
m. ALL STROBES SHALL BE ADJUSTABLE INTENSITY TYPE SET AT 75cd UNLESS OTHERWISE NOTED.
n. MOUNTED 72" ABOVE FINISHED FLOOR TO THE TOP.

GENERAL NOTES

1. ALL 120V, 20A CIRCUIT HOMERUNS OVER 50FT. SHALL BE #10 CU. MINIMUM, UNLESS NOTED OTHERWISE.
2. ALL 120V, 20A CIRCUIT HOMERUNS OVER 150FT. SHALL BE #8 CU. MINIMUM, UNLESS NOTED OTHERWISE.
3. ALL BRANCH CIRCUIT CONDUCTORS WILL BE SIZED PER NEC MINIMUM. THE MINIMUM ALLOWABLE BRANCH CIRCUIT CONDUCTOR SIZE IS #12 AWG COPPER. INCREASE CONDUCTOR SIZE FOR APPLICATION PER NEC AND AS NOTED ON THE PLANS.
4. CONDUCTOR SIZES INDICATED ON CIRCUIT HOMERUNS OR IN SCHEDULES SHALL BE INSTALLED OVER THE ENTIRE LENGTH OF THE CIRCUIT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
5. UP TO THREE PHASE CONDUCTORS, CORRESPONDING SWITCHLEGS, AND NEUTRALS ARE ALLOWED IN THE SAME RACEWAY UNLESS INDICATED OTHERWISE ON THE DRAWINGS. DO NOT COMBINE HOMERUNS.
6. PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDERS AND BRANCH CIRCUITS.
7. COMPLY WITH ARTICLE 210 OF THE NEC. PROVIDE A DEDICATED NEUTRAL FOR ALL 120V CIRCUITS OR PROVIDE CIRCUIT BREAKER HANDLE TIES TO CONNECT POLES SERVING MULTI-WIRE CIRCUITS.
8. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRINGS IN THEM.
9. THE USE OF ANY PROCESS INVOLVING ASBESTOS OR PCB, AND THE INSTALLATION OF ANY PRODUCT, INSULATION, COMPOUND OF MATERIAL CONTAINING OR INCORPORATING ASBESTOS OR PCB, IS PROHIBITED. THE REQUIREMENTS OF THIS SPECIFICATION FOR A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM SHALL BE MET WITHOUT THE USE OF ASBESTOS OR PCB.
10. THE POWER COMPANY SHALL BE CONTACTED WITHIN 10 DAYS OF THE AWARD OF THE CONTRACT BY THE CONTRACTOR TO VERIFY THE ACTUAL AVAILABLE SHORT CIRCUIT FAULT CURRENT (SCC) AT THE TRANSFORMER SECONDARY BUSHINGS. THE CONTRACTOR SHALL PROVIDE ELECTRICAL DISTRIBUTION AND UTILIZATION EQUIPMENT AND PANELBOARDS WHICH HAVE AIC/WITHSTAND RATINGS GREATER THEN THE AVAILABLE SCC AT EACH POINT IN THE ELECTRICAL SYSTEM.
11. VISIT THE EXISTING FACILITY AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS, SO AS TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
12. CONTRACTOR SHALL INCLUDE IN THE BID THE TRANSPORT AND DISPOSAL OR RECYCLING OF ALL WASTE MATERIALS GENERATED BY THIS PROJECT IN ACCORDANCE WITH ALL RULES, REGULATIONS AND GUIDELINES APPLICABLE.
13. EXISTING CONDITIONS AND UTILITIES INDICATED ARE TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS, VARIOUS SURVEYS, AND FIELD INVESTIGATIONS. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ENGINEER MAY BE NECESSARY AND IT IS INTENDED THAT SUCH DEVIATIONS SHALL BE CONSIDERED A PART OF THIS CONTRACT. IT IS ALSO UNDERSTOOD THAT THE PLANS ARE NOT COMPLETELY TO SCALE. THIS CONTRACTOR IS TO FIELD VERIFY DIMENSIONS OF ALL EXISTING CONDITIONS PRIOR TO BID AND INCLUDE ANY DEVIATIONS IN THE CONTRACT.
14. LOCATE ALL EXISTING UTILITIES AND PROTECT THEM FROM DAMAGE.
15. REMOVE EXISTING POWER, LIGHTING, SYSTEMS, MATERIALS, AND EQUIPMENT WHICH ARE MADE OBSOLETE OR WHICH INTERFERE WITH THE CONSTRUCTION OF THE PROJECT. REINSTALL ANY SUCH POWER, LIGHTING, SYSTEMS, MATERIALS, AND EQUIPMENT WHICH ARE REQUIRED TO REMAIN ACTIVE FOR THE SITE/FACILITY TO BE FULLY FUNCTIONAL.
16. THE UNIVERSITY HAS THE RIGHT OF SALVAGE TO ANY DEMOLISHED EQUIPMENT. FOR EQUIPMENT TO BE REMOVED, THE CONTRACTOR IS TO CONFIRM WITH THE UNIVERSITY WHETHER OR NOT THE UNIVERSITY DESIRES TO KEEP THE RESPECTIVE PIECE OF EQUIPMENT. EQUIPMENT DESIRED BY THE UNIVERSITY SHALL BE MOVED BY THE CONTRACTOR TO A DESIGNATED SITE ON CAMPUS. ANY EQUIPMENT NOT DESIRED BY THE UNIVERSITY SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED/DISPOSED OF BY THE CONTRACTOR.
17. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS AND USE APPROPRIATE PERSONNEL PROTECTION EQUIPMENT. FOLLOW ALL SAFETY PROCEDURES INCLUDED IN NFPA 70E.
18. EXISTING ELECTRICAL SERVICE: MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR SERVICE. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER AT LEAST 72 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION.
19. DISCONNECT AND REMOVE ABANDONED PANELBOARDS AND DISTRIBUTION EQUIPMENT.
20. DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
21. SCREENED ELECTRICAL INDICATES EXISTING TO REMAIN ACTIVE, UNLESS NOTED OTHERWISE.
22. ENSURE ALL ELECTRICAL AND TELECOMMUNICATIONS WORK IS IN ACCORDANCE WITH LSU DESIGN STANDARDS.
23. ALL REQUESTS FOR POWER OUTAGES SHALL BE COORDINATED WITH THE OFFICE OF FACILITY SERVICES, AND SHALL BE REQUESTED IN WRITING AT LEAST TWO WEEKS PRIOR TO THE OUTAGE. FOR EACH OUTAGE, THE CONTRACTOR SHALL COMPLETE AND SUBMIT A FACILITY SERVICES UTILITY SHUTDOWN REQUEST FORM. THE CONTRACTOR SHALL ATTEND ANY PRE- SHUTDOWN MEETINGS REQUIRED BY THE UNIVERSITY TO COORDINATE SUCH OUTAGES. ALL WORK REQUIRING A SHUTDOWN SHALL BE SCHEDULED AFTER WORKING HOURS OR ON WEEKENDS UNLESS SPECIFICALLY ALLOWED OTHERWISE BY LSU.
24. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL LICENSES, PERMITS, DOCUMENTS, FEES, SERVICES AND UTILITY FEES REQUIRED TO DO THE WORK OF THIS CONTRACT. CONTRACTOR SHALL OBTAIN ANY SPECIAL CONFINED SPACE WORK PERMITS AND FOLLOW ALL UNIVERSITY CONSTRUCTION AND SAFETY PROCEDURES AND STANDARDS. REFER TO UNIVERSITY WEBSITE FOR CONSTRUCTION AND SAFETY PROCEDURES.
25. PROVIDE PHOTOS OF ALL NEW UNDERGROUND MATERIALS, SUPPORTS, CONNECTIONS, ANCHORS, ETC. TO THE UNIVERSITY ON A WEEKLY BASIS. COORDINATE WITH UNIVERSITY FOR DELIVERY METHOD OF PHOTOS. AT MINIMUM, PROVIDE (4) PHOTOS OF EACH INSTALLATION, ONE FROM EACH OF THE NORTH-EAST-SOUTH-WEST HEADINGS.

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ELECTRICAL - TELECOMM - NOTES AND LEGEND

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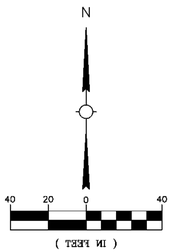

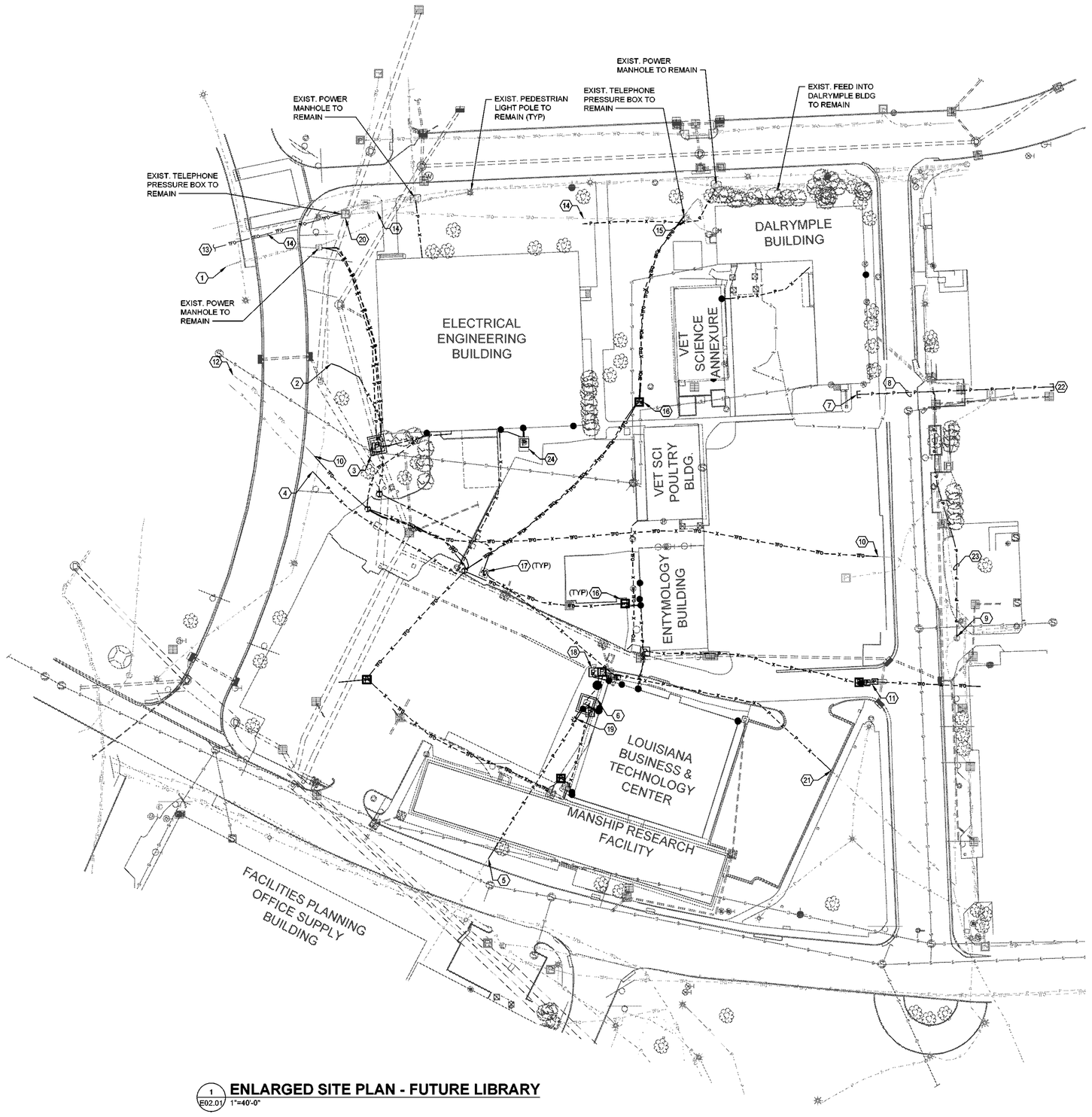

1 E02.01 **ENLARGED SITE PLAN - FUTURE LIBRARY**
1"=40'-0"

GENERAL NOTES

1. SCREENED ELECTRICAL ITEM DENOTES EXISTING TO REMAIN. BOLD AND DASHED ELECTRICAL ITEM DENOTES DEMOLITION.
2. INSTALL ALL CONDUITS A MINIMUM OF 36" BELOW GRADE, UNLESS OTHERWISE NOTED.
3. MAINTAIN MINIMUM 12" SEPARATION BETWEEN UTILITIES AND EDGE OF NEW CONDUITS.
4. INSTALL ALL NEW WORK PRIOR TO REMOVAL, INTERCEPTION, OR DISCONNECTION OF EXISTING UTILITIES.
5. COORDINATE MEDIUM VOLTAGE (MV) FEEDER DE-ENERGIZATION WITH LSU FACILITIES PRIOR TO DISCONNECTION OF FEEDERS.
6. COORDINATE ALL NEW TELECOMMUNICATIONS WORK WITH LSU INFORMATION TECHNOLOGY SERVICES (ITS) PRIOR TO COMMENCING WORK.
7. EXISTING SURVEY AND SUE COULD NOT DETERMINE QUANTITY OF ELECTRICAL OR TELECOMMUNICATIONS CONDUITS WITHIN THE SITE. ALL QUANTITIES OF EXISTING CONDUITS MUST BE FIELD VERIFIED.
8. PROVIDE DUCT TERMINATORS FOR ALL EXISTING TO REMAIN MANHOLES AND PULLBOXES WITH CONDUITS REMOVED FROM SIDEWALLS. ENSURE TERMINATORS ARE SEALED WATERTIGHT TO PREVENT WATER INTRUSION.
9. ENSURE ALL BUILDINGS DISCONNECTED FROM TELECOMMUNICATIONS SERVICE DURING DEMOLITION ARE RECONNECTED TO CAMPUS NETWORK.
10. ALL DEMOLISHED CONDUCTORS ARE PERMITTED TO BE KEPT FOR SALVAGE VALUE.

REFERENCE NOTES

1. DISCONNECT AND REMOVE MV FEEDERS 30 AND 35 TO THEIR SOURCES. FEEDERS TERMINATE INSIDE THE POWER HOUSE WITHIN SWITCHGEARS "SWGR-C" AND "SWGR-D", RESPECTIVELY. COORDINATE ACCESS TO POWER HOUSE WITH LSU FACILITIES.
2. DISCONNECT AND REMOVE ALL CONDUCTORS TO SOURCE. CUT AND CAP CONDUIT(S) BELOW GRADE WITHIN 1FT OF SIDEWALK. FULL EXTENT OF POWER LINE COULD NOT BE DETERMINED DUE TO END OF SUE SIGNAL. FIELD VERIFY LIMIT AND REMOVE AS INDICATED ABOVE.
3. DISCONNECT EXISTING PAD MOUNT SF6 SWITCHGEAR AND RETURN TO LSU FACILITIES.
4. DISCONNECT AND REMOVE ALL CONDUCTORS TO SOURCE. CUT AND CAP ABANDONED CONDUIT(S) BELOW GRADE WITHIN 1FT OF SIDEWALK.
5. DISCONNECT AND REMOVE ALL CONDUCTORS TO SOURCE. CUT AND CAP ABANDONED CONDUIT(S) BELOW GRADE WITHIN 5FT OF CURB.
6. DISCONNECT EXISTING PAD MOUNT TRANSFORMER AND RETURN TO LSU FACILITIES.
7. FUTURE LOCATION FOR PAD MOUNT SWITCH/TRANSFORMER. STUB-UP (3) 5" PRIMARY CONDUITS AND (5) 4" SECONDARY CONDUITS MINIMUM OF 36" ABOVE GRADE. CAP, MARK, AND PROTECT CONDUITS FOR FUTURE USE.
8. PROVIDE (3) 5" PRIMARY CONDUITS AND (5) 4" SECONDARY CONDUITS. INSTALL 36" MINIMUM HORIZONTAL SEPARATION BETWEEN PRIMARY AND SECONDARY CONDUIT RUNS.
9. CORE DRILL PRIMARY CONDUITS INTO MV MANHOLE AT NORTHWEST CORNER OF TUREAUD HALL. PROVIDE WATERTIGHT SEALANT AROUND PENETRATIONS TO PREVENT WATER INTRUSION. COORDINATE CORE DRILL INTO MANHOLE WITH LSU FACILITIES MINIMUM 72 HOURS PRIOR TO SCHEDULED WORK.
10. CUT AND CAP ABANDONED CONDUIT(S) BELOW GRADE WITHIN 1FT OF SIDEWALK. CUT CABLING WITHIN NEAREST MANHOLE/SPLICE VAULT. COORDINATE EXACT LOCATION WITH LSU ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION. REMOVE ALL CABLING WITHIN SITE TO PREDETERMINED CUT POINT.
11. DISCONNECT AND REMOVE CABLING FROM GATE CONTROLLER TO ROOM WITHIN TUREAUD HALL. CUT AND CAP CONDUIT WITHIN 1FT OF CURB ON EAST SIDE OF FORESTRY LANE TO FACILITATE NEW UTILITY CORRIDOR. EXISTING SURVEY AND SUE COULD NOT DETERMINE COMMUNICATIONS PATHWAY TO GATE CONTROLLER. PATH CURRENTLY SHOWN IS AN APPROXIMATION AND EXACT PATH MUST BE FIELD VERIFIED.
12. EXISTING 12-STRAND SINGLE MODE FIBER OPTIC CABLE ORIGINATING IN POWER HOUSE TO BE REFED THROUGH NORTHERN FIBER DUCT BANK.
13. DIRECTIONAL BORE (2) 4" CONDUITS TO COMMUNICATIONS PULLBOX "PB-H7-5", ADJACENT TO POWER HOUSE. VERIFY EXACT LOCATION OF PULLBOX WITH LSU FACILITIES.
14. PROVIDE 12-STRAND, SINGLE MODE, FIBER OPTIC CABLE FROM POWER HOUSE THROUGH NEW CONDUITS TO EXISTING DUCT BANK. ROUTE NEW CABLING THROUGH EXISTING NORTHERN DUCTBANK.
15. SPLICE NEW 12-STRAND, SINGLE MODE, FIBER OPTIC CABLE TO EXISTING DEAD-END FIBER OPTIC CABLE WITHIN EXISTING SPLICE VAULT. EXACT LOCATION OF SPLICE VAULT AND EXISTING FIBER OPTIC CABLE TO BE FIELD VERIFIED. PROVIDE SPLICE PER LSU CONSTRUCTION REQUIREMENTS.
16. EXISTING TELECOMMUNICATIONS PRESSURE BOX TO BE DEMOLISHED.
17. EXISTING POWER MANHOLE TO BE DEMOLISHED.
18. DISCONNECT EXISTING SITE EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS TO SOURCE. DEMOLISH EQUIPMENT DISCONNECT SWITCH/STARTER.
19. DISCONNECT AND REMOVE EXISTING SITE LIGHT POLE. REMOVE CONDUIT AND CONDUCTORS TO SOURCE.
20. TIE NEW CONDUITS INTO EXISTING TELECOMMUNICATIONS PULLBOX. PROVIDE WATERTIGHT SEALANT AROUND PENETRATIONS TO PREVENT WATER INTRUSION.
21. CUT AND CAP ABANDONED CONDUIT(S) BELOW GRADE WITHIN 1FT OF SIDEWALK.
22. PROVIDE (5) 4" SECONDARY CONDUITS TO SOFTSCAPE AT SOUTHEAST CORNER OF FRANCIONI HALL. STUB-UP CONDUITS MINIMUM OF 36" ABOVE GRADE. CAP, MARK, AND PROTECT CONDUITS FOR FUTURE USE.
23. PROVIDE (3) 5" PRIMARY CONDUITS. ROUTE CONDUITS WITHIN SOFTSCAPE TO MAINTAIN INTEGRITY OF EXISTING HARDSCAPE. WHERE CONDUITS CROSS HARDSCAPE, PATCH, REPAIR, AND/OR REPLACE ALL DAMAGED CONCRETE TO MATCH EXISTING CONDITION.
24. DISCONNECT EXISTING GENERATOR AND RETURN TO LSU FACILITIES.

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SUBSURFACE UTILITY ENGINEERING (SUE):
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180 GREENBRIER BOULEVARD
COVINGTON, LA 70433

GEOTECHNICAL ENGINEER:
PREMIER GEOTECH AND TESTING, LLC
9434 INTERLINE AVENUE
BATON ROUGE, LA 70809

STRATEGIC CAPITAL PLAN - DEFERRED MAINTENANCE FOR INFRASTRUCTURE, RENOVATIONS, AND STREETS,
LOUISIANA STATE UNIVERSITY
PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ELECTRICAL - FUTURE LIBRARY SITE

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
6/27/25

ATTENTION:
THIS BAR = 1 INCH ON ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.
1"

REVISIONS

NO.	DESCRIPTION	DATE

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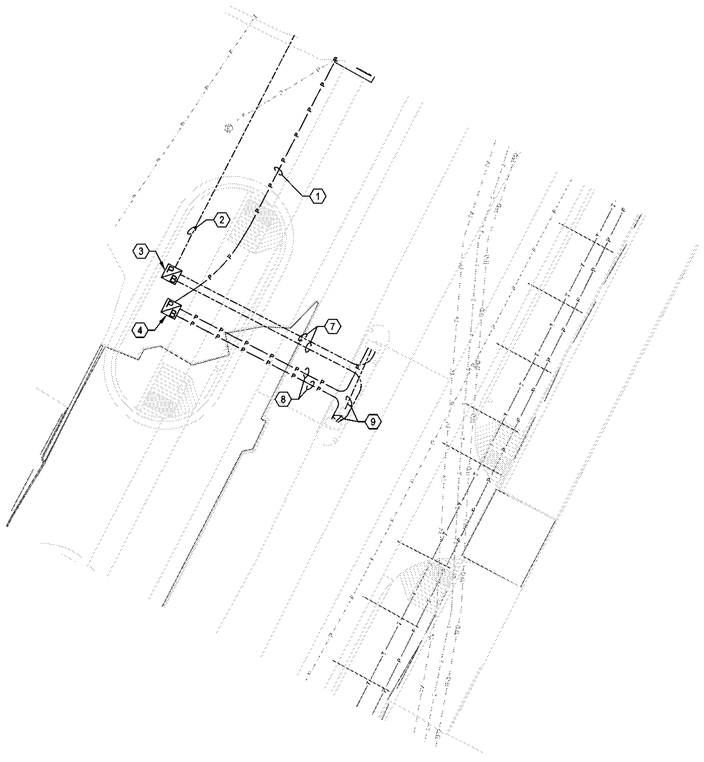
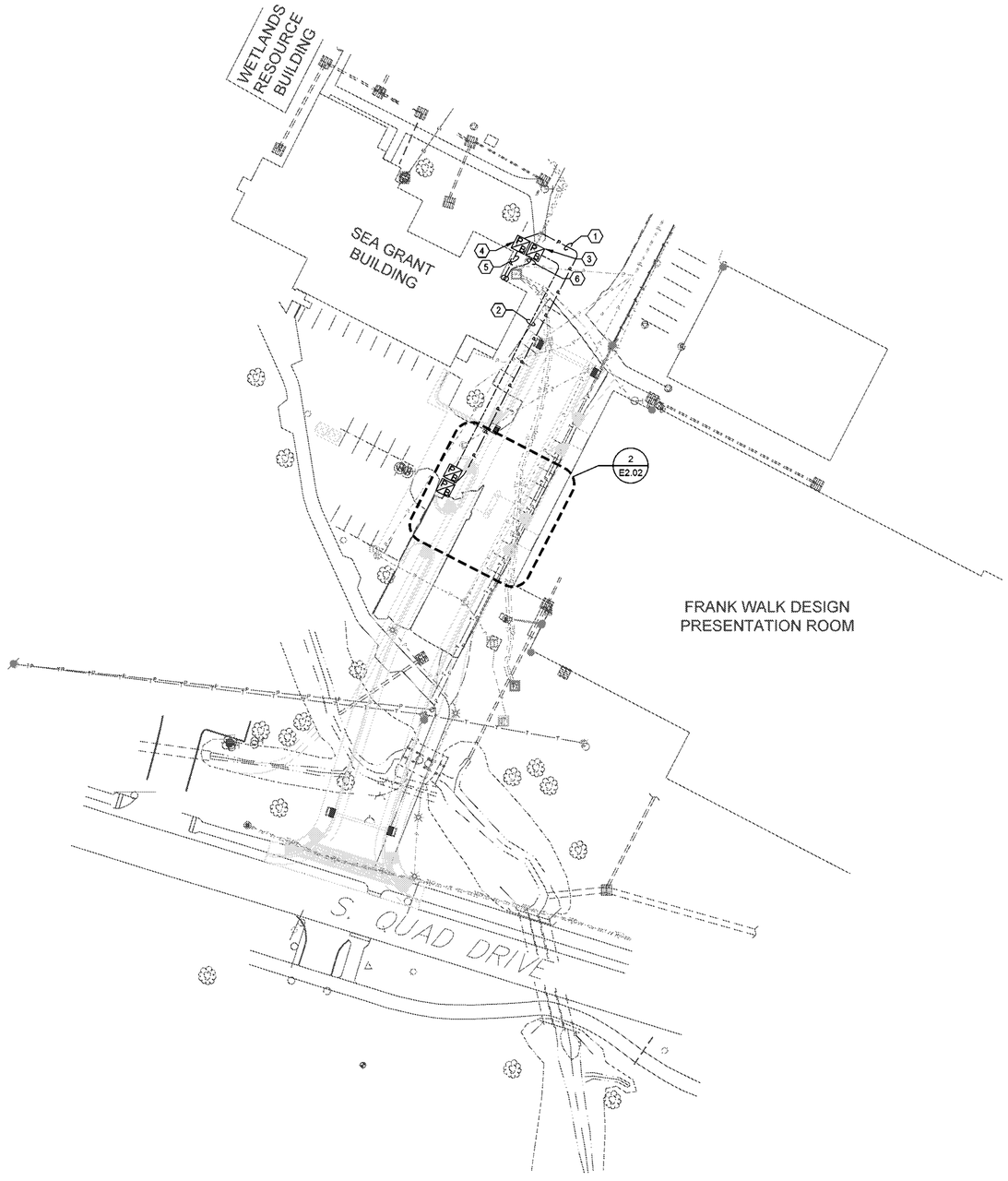
CONSTRUCTION DOCUMENTS



2 E02.02 **ENLARGED SITE PLAN - GATE PLAN** 1"=10'-0"

10 0 5 10
(IN FEET)



1 E02.02 **ENLARGED SITE PLAN - FIELDHOUSE DRIVE EXTENSION** 1"=40'-0"

40 0 20 40
(IN FEET)

N

GENERAL NOTES

1. INSTALL ALL CONDUITS A MINIMUM OF 36" BELOW GRADE, UNLESS OTHERWISE NOTED.
2. MAINTAIN MINIMUM 12" SEPARATION BETWEEN UTILITIES AND EDGE OF NEW CONDUITS.
3. VERIFY ALL INSTALLATION REQUIREMENTS WITH GATE VENDOR, LSU, AND APPROVED GATE SHOP DRAWINGS.
4. SCOPE OF WORK IS TO PROVIDE POWER AND ACCESS CONTROL PATHWAYS FROM SEAGRANT BUILDING TO NEW GATE. ALL INTERIOR BUILDING ROUTING, WIRING/CABLING, AND TERMINATIONS TO BE PROVIDED BY OTHERS AT A LATER DATE.

REFERENCE NOTES

1. PROVIDE (1) 1-1/4" CONDUIT WITH PULL STRING.
2. PROVIDE (1) 2" CONDUIT WITH PULL STRING.
3. PROVIDE 11"X18"X12" FLUSH GRADE PULLBOX RATED FOR LOCATION OF INSTALLATION. LABEL COVER "ELECTRIC" OR AS DIRECTED BY LSU.
4. PROVIDE 11"X18"X12" FLUSH GRADE PULLBOX RATED FOR LOCATION OF INSTALLATION. LABEL COVER "COMMUNICATIONS" OR AS DIRECTED BY LSU.
5. ROUTE (1) 1-1/4" CONDUIT UP BUILDING EXTERIOR AND PROVIDE 12" SQUARE JUNCTION BOX AT ELEVATION ABOVE INTERIOR CEILING. PENETRATE EXTERIOR WALL ABOVE CEILING WITH (1) 1-1/4" CONDUIT. SEAL PENETRATION WITH WATER TIGHT SEALANT TO PREVENT WATER INTRUSION. PROVIDE EMPTY CONDUIT WITH PULL STRING.
6. PROVIDE (1) 2" CONDUIT UP BUILDING EXTERIOR AND PROVIDE 12" SQUARE JUNCTION BOX AT ELEVATION ABOVE INTERIOR CEILING. PENETRATE EXTERIOR WALL ABOVE CEILING WITH (1) 2" CONDUIT. SEAL PENETRATION WITH WATER TIGHT SEALANT TO PREVENT WATER INTRUSION. PROVIDE EMPTY CONDUIT WITH PULL STRING.
7. PROVIDE (1) 1" CONDUIT TO EACH GATE CONTROLLER FOR ACCESS CONTROL. COORDINATE WITH CIVIL AND GATE INSTALLER FOR EXACT LOCATION GATE CONTROLLER.
8. PROVIDE (1) 1" CONDUIT TO EACH GATE CONTROLLER FOR POWER. COORDINATE WITH CIVIL AND GATE INSTALLER FOR EXACT LOCATION GATE CONTROLLER.
9. PROVIDE (1) 1" CONDUIT FROM EACH GATE CONTROLLER TO GATE ACCESS READER. COORDINATE WITH CIVIL AND GATE INSTALLER FOR EXACT LOCATION OF GATE ACCESS READER.

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CIVIL ENGINEER & SURVEY:
FORTE & TABLADA, INC.
9107 INTERLINE AVENUE
BATON ROUGE, LA 70809

LANDSCAPE ARCHITECT:
CARBO LANDSCAPE ARCHITECTURE, LLC
6633 GOVERNMENT STREET
BATON ROUGE, LA 70806

MECHANICAL & ELECTRICAL ENGINEER:
SALAS O'BRIEN, LLC
5215 ESSEN LANE, SUITE 100
BATON ROUGE, LA 70809

ENVIRONMENTAL - ASBESTOS:
RAYNER CONSULTING GROUP
7353 HIGHLAND ROAD.
SUITE B - 3B
BATON ROUGE, LA 70808

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PROJECT NO. 19-601-20-03 / WBS NO. F.19002643

ENLARGED SITE PLAN - FIELDHOUSE DRIVE EXT.

STATE OF LOUISIANA

DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
6/27/25

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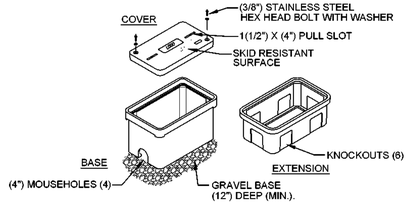
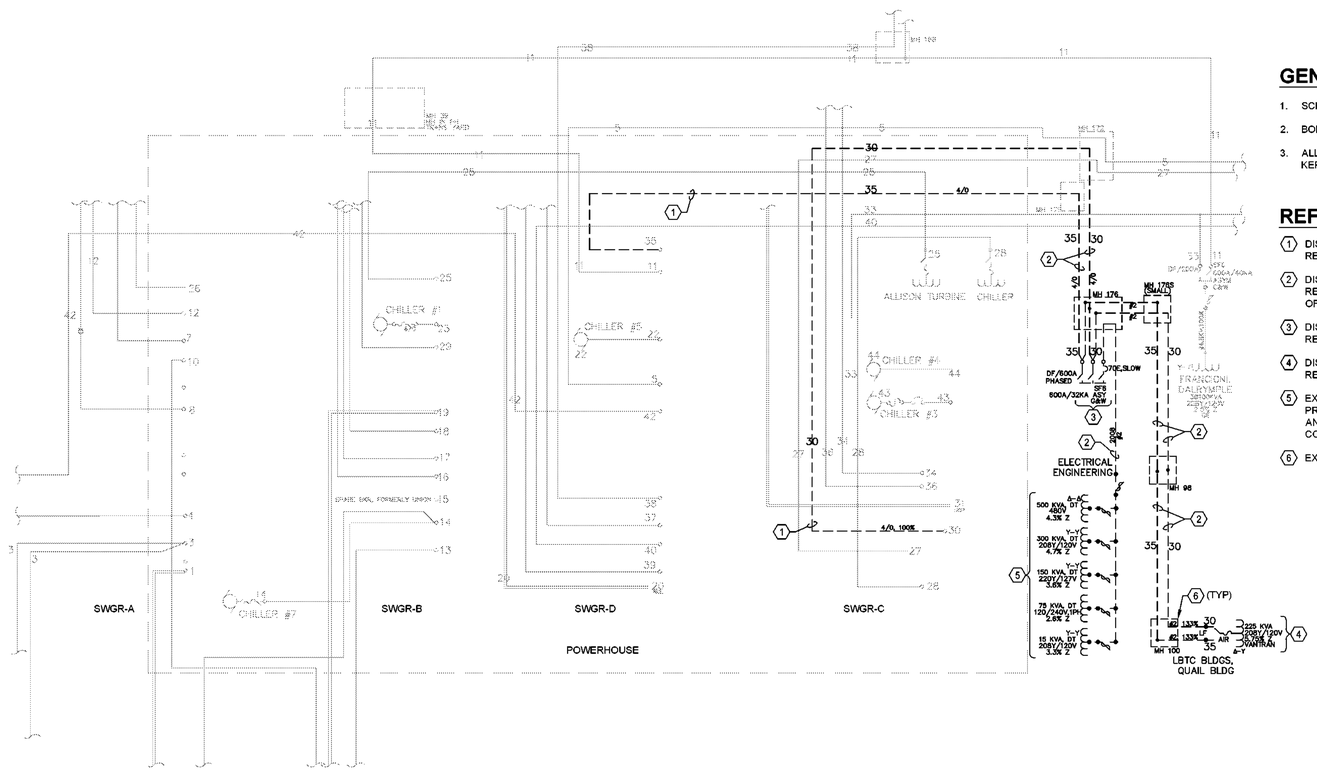
CONSTRUCTION DOCUMENTS



2 E03.01 **PULLBOX DETAIL - TYPICAL**
NOT TO SCALE

GENERAL NOTES:

1. PROVIDE STANDARD FLUSH GRADE PULLBOX.
2. PULLBOX OR IN-GROUND JUNCTION BOX SHALL BE SIZED PER NEC, UNLESS STATED OTHERWISE.
3. PROVIDE 1" X 3/8" BELL PULL SLOT FOR EACH PULLBOX.
4. COVER, RING, AND BOX SHALL BE MADE OF THE SAME MATERIAL.
5. PROVIDE IMPRINTED LOGO TO MATCH. LOGO SHALL BE BASED ON THE PURPOSE OF THE CONTENTS.
   - 5.1. "ELECTRIC" FOR POWER CIRCUITS
   - 5.2. "COMMUNICATIONS" FOR NETWORK CABLES



GENERAL NOTES

1. SCREENED ELECTRICAL DENOTES EXISTING TO REMAIN.
2. BOLD AND DASHED ELECTRICAL DENOTES DEMOLITION.
3. ALL DEMOLISHED CONDUCTORS ARE PERMITTED TO BE KEPT FOR SALVAGE VALUE.

REFERENCE NOTES

1. DISCONNECT AND REMOVE CONDUCTORS TO SOURCE. RELABEL CIRCUIT BREAKER AS "SPARE".
2. DISCONNECT AND REMOVE CONDUCTORS AND CONDUIT. REFER TO SITE PLAN ON SHEET E02.01 FOR CONDUIT LIMITS OF DEMOLITION.
3. DISCONNECT EXISTING PAD MOUNT SF6 SWITCHGEAR AND RETURN TO LSU FACILITY SERVICES.
4. DISCONNECT EXISTING PAD MOUNT TRANSFORMER AND RETURN TO LSU FACILITY SERVICES.
5. EXISTING VAULT TRANSFORMER TO BE DEMOLISHED PER PRIOR DIRECTION FROM LSU FACILITY SERVICES. VERIFY AND COORDINATE WORK WITH LSU FACILITY PRIOR TO COMMENCING WORK.
6. EXISTING MANHOLES TO BE DEMOLISHED.

1 E03.01 **PARTIAL 4160V POWER RISER DIAGRAM**
NOT TO SCALE

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ELECTRICAL TELECOMM DETAILS

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