Renovations to
Fair Haven Community Health Clinic, Inc.

374 GRAND AVENUE, NEW HAVEN, CT 06513

ISSUED FOR BID 04/04/2025

ISSUED FOR CONSTRUCTION 00/00/2025

GENERAL NOTES:

1. ALL ARCHITECTURAL, PLUMBING & CONSTRUCTION WORK SHOWN HEREIN APPLIES EXCLUSIVELY TO THE PREMISES NOTED.
2. ALL CONTRACTORS AND SUBCONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND WORKING CONDITIONS FOUND THEREIN AND ALL OTHER REQUIREMENTS MADE NECESSARY BY THE SITE, BUILDING AND OTHER RELATED CONDITIONS.
3. THE CONTRACTOR SHALL TAKE AND VERIFY ALL MEASUREMENTS AND NOTE ALL CONDITIONS OF THE JOB, AS HE WILL BE HELD RESPONSIBLE FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK UNDER THIS CONTRACT. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING IMMEDIATELY IF OCCASION FOR SUCH ARISES, PRIOR TO FURTHER PROCEEDING OF WORK.
4. THE CONTRACTOR SHALL DETERMINE WITH THE OWNER AND ARCHITECT AT WHAT TIMES THE WORK IS INSTALLED ON SITE. THE CONTRACTOR SHALL PROPOSE PHASES OF WORK TO BE DONE ON THE PROJECT SUBJECT TO THE OWNER'S APPROVAL.
5. THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE BUILDING AND OTHER PORTIONS OF THE PROPERTY THAT IS AFFECTED BY THIS WORK, OR THROUGH WHICH MATERIALS ARE BROUGHT. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGED AREAS TO THE SATISFACTION OF THE OWNER AND THE ARCHITECT AS PART OF THE WORK OF THIS CONTRACT.
6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRADES WORKING UNDER SUBCONTRACTOR WITH OVER-ALL CONTRACTS, AND IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION INSTALLATION.
7. NO CHANGE TO THE SCOPE OF WORK SHALL BE AUTHORIZED UNLESS A CHANGE ORDER IS ISSUED IN WRITING AND THE COST OF CHANGE (IF ANY) IS AGREED TO BY THE OWNER IN ADVANCE.
8. THE CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL FEES, AND CARRY ALL REQUIRED INSURANCES. CONTRACTOR SHALL PROVIDE OWNER, ARCHITECT & BUILDINGS DEPARTMENT PROOF FOR SUCH REQUIRED INSURANCES BEFORE ISSUANCE OF WORK PERMIT OR OTHERWISE STARTING-OUT OF WORK.
9. THE CONTRACTOR SHALL PROPERLY SHORE AND MAKE SAFE ALL FLOORS, WALLS, ROOF, FOUNDATIONS, AND ALL RELATED BUILDING COMPONENTS AS REQUIRED BY THE SEQUENCE OF TRADES.
10. ALL WORKMANSHIP, MATERIALS, AND EQUIPMENT SHALL BE GUARANTEED BY THE GENERAL CONTRACTOR FOR A PERIOD OF ONE YEAR. THE GENERAL CONTRACTOR SHALL PROVIDE AN ADDITIONAL GUARANTEE COVERING ALL SUBCONTRACTOR'S WORK AS WELL, FOR A PERIOD OF ONE YEAR UNLESS OTHERWISE NOTED.
11. ALL WORK AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS IN STRICT ACCORDANCE WITH WRITTEN SPECIFICATIONS AND INSTRUCTIONS ACCOMPANYING SUCH MANUFACTURER'S EQUIPMENT AND/OR MATERIALS.
12. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE MANNER. ALL ITEMS SHALL BE NEATLY STORED. THE WORK SHALL BE PERFORMED AS TO PROVIDE ADEQUATE SECURITY TO THE BUILDING / APARTMENT THROUGHOUT THE COURSE OF THE WORK. THE WORK SHALL BE DONE IN A MANNER AS TO MAINTAIN ALL MEANS OF EGRESS FROM THE ENTIRE AFFECTED AREA THROUGHOUT THE CONSTRUCTION. THE OWNER SHALL BE THE SOLE PERSON TO DECIDE WHAT CONSTITUTES ADEQUATE SECURITY.
13. THE CONTRACTOR SHALL TEMPORARILY BRACE OR IN ANY OTHER APPROVED MANNER REINFORCE THE EXISTING STRUCTURE WHILE THE WORK IS BEING PERFORMED. THE CONTRACTOR SHALL REPAIR ALL PORTIONS OF THE EXISTING BUILDING THAT AFFECT THEIR PREMISES PRIOR TO STARTING WORK.
14. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLETING THE WORK IN AN EXPEDITIOUS FASHION. HE SHALL PROVIDE THE OWNER WITH A WRITTEN PROPOSED PHASES CONSTRUCTION SCHEDULE PRIOR TO THE BEGINNING OF WORK SUBJECT TO THE OWNER'S APPROVAL AND SHALL ADVISE THE ARCHITECT AS TO THE PROGRESS OF INSTALLATION. HE SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY NON-CONFORMING CONDITIONS OR ANY OTHER ITEM REQUIRING IMMEDIATE ATTENTION SO AS NOT TO INTERRUPT THE WORK SEQUENCE OF TRADES.
15. THE CONTRACTOR SHALL MAINTAIN THE COMPLETE CONSTRUCTION SITE IN A NEAT AND ORDERLY MANNER WHILE PERFORMING THE WORK UNDER THIS CONTRACT. THE OWNER SHALL DESIGNATE AREAS THAT CAN BE USED BY THE CONTRACTOR / SUBCONTRACTORS FOR THE STORAGE OF MATERIALS. NO ITEMS SHALL BE UNPROTECTED WHILE WORK IS NOT BEING PERFORMED.
16. CONTRACTOR AND SUBCONTRACTORS SHALL HAVE THEIR RESPECTIVE WORK INSPECTED AND ACCEPTED BY THE INSPECTORS HAVING JURISDICTION AND UTILITIES INVOLVED. ALL SUCH APPROVED INSPECTIONS SHALL BE VOUCHED FOR BY WRITTEN PROOF OF SIGN-OFFS FROM THE APPROPRIATE JURISDICTION AND FORWARD TO THE ARCHITECT.
17. CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR FILLING REVISED DRAWINGS (AS NECESSARY) FOR OBTAINING SUBSEQUENT APPROVALS BY JURISDICTIONS PRIOR TO ANY ABOVE - NOTED SIGN - OFFS.
18. THE CONTRACTOR SHALL BE GUIDED AT ALL TIMES BY DIMENSIONS SHOWN ON DRAWINGS. HE SHALL CONSULT ARCHITECT IN CASE OF DISCREPANCIES PRIOR TO INSTALLATIONS.
19. THE CONTRACTOR SHALL MAINTAIN THE PREMISE IN A WATERTIGHT FASHION THROUGHOUT THE PERFORMANCE OF ALL PHASES OF THE WORK.
20. THE CONTRACTOR SHALL PROVIDE TEMPORARY WEATHER PROTECTION AND SECURITY AS REQUIRED TO PROTECT THE BUILDING AND OCCUPANTS AT ALL OPENINGS TO EXTERIOR
21. THE CONTRACTOR SHALL LEAVE THE ENTIRE PREMISES IN A BROOM - SWEPT / DAMP - MOPPED CONDITION. TO BE PROTECTED AS PER MANUFACTURERS RECOMMENDATIONS.
22. ALL ELECTRICAL WORK SHALL CONFORM TO THE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, NATIONAL FIRE PROTECTION ASSOCIATION, LOCAL UTILITY COMPANY, AND ALL APPLICABLE LOCAL ELECTRICAL CODES. WORK MUST BE DONE BY A LICENCE ELECTRICIAN. OUTLETS AT BATHROOMS OR WITHIN 6'-0" OF WATER ARE TO BE GFIC PROTECTED.
23. CONTRACTOR TO DETERMINE LOCATION OF EXISTING BUILDING STRUCTURAL ELEMENTS AND PREPARE SHOP DRAWINGS FOR THE STRUCTURAL ENGINEER REVIEW FOR ALL STRUCTURAL WORK REQUIRED ON PROJECT.
24. THE CONTRACTOR SHALL MAKE ADEQUATE PROBES OF EXISTING PARTITIONS TO BE REMOVED TO DETERMINE PRESENCE OF ANY CONCEALED RISERS, ELECTRIC CONDUIT, TELEPHONE OR OTHER UTILITY LINES SERVING THE BUILDING OR PHARMACY PRIOR TO REMOVAL WORK.
25. THE GENERAL CONTRACTOR SHALL LEAVE ALL WALL SURFACES PRIMED AND READY TO RECEIVE FINISH PAINT OR WALL COVERINGS. THE ARCHITECT OR THEIR REPRESENTATIVE SHALL INSPECT THE SURFACES FOR ACCEPTABILITY. THE GENERAL CONTRACTOR SHALL REDO ANY SURFACES THAT THE ARCHITECT FINDS NOT ACCEPTABLE. CONTRACTOR SHALL PROVIDE ONE COAT PRIMER SEALER AND TWO COATS FINISHED PAINT IN ACCORDANCE WITH SCHEDULE TO BE PROVIDED BY ARCHITECT.
26. INTERIOR CONSTRUCTION (I.E., THE INSTALLATION OF BUILT-IN MILL WORK, CUSTOM FURNITURE OR CABINETRY, ETC.) SHALL NOT IMPEDE ACCESS TO ANY OF THE BUILDING'S COMMON SYSTEMS, SUCH AS MECHANICAL DUCTWORK, ELECTRICAL AND PLUMBING RISERS, SHUT-OFF VALVES, AND/OR ELECTRICAL PANELS. BARRIERS TO THESE AREAS ARE SUBJECT TO IMMEDIATE REMOVAL TO THE EXPENSE OF THE CONTRACTOR.
27. CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL TOILET GRAB BARS AND BABY CHANGING STATIONS.
28. CONTRACTOR TO INSTALL ALL MILLWORK AND PLUMBING, OWNER PROVIDED, IN PHARMACY.

1 GENERAL NOTES
3/8" = 1'-0"

LIST OF DRAWINGS

Date	Sheet Number	Sheet Name
04/04/25	T-100.00	TITLE SHEET
04/04/25	CC-100.00	CODE COMPLIANCE DRAWINGS
04/04/25	PH-100.00	PROPOSED PHASING PLANS
04/04/25	D-100.00	BASEMENT DEMOLITION PLAN
04/04/25	D-101.00	FIRST FLOOR DEMOLITION PLAN
04/04/25	A-101.00	PROPOSED FIRST FLOOR PLAN
04/04/25	A-110.00	WALL TYPES AND MISC. DETAILS
04/04/25	A-201.00	FIRST FLOOR REFLECTED CEILING PLAN
04/04/25	A-202.00	CEILING DETAILS
04/04/25	A-500.00	TOILET PLANS
04/04/25	A-510.00	DOOR SCHEDULE, DETAILS AND WINDOWS
04/04/25	A-601.00	TYPICAL EXAM ROOM PLANS AND ELEVATIONS
04/04/25	A-800.00	CORRIDOR ELEVATIONS
04/04/25	A-810.00	MILLWORK DETAILS
04/04/25	A-900.00	FINISH SCHEDULE AND KEY
04/04/25	A-901.00	PROPOSED FIRST FLOOR FLOORING REPLACEMENT
04/04/25	LV-102.00	SECOND AND THIRD FLOOR WIRELESS ACCESS POINTS
04/04/25	FP-001	FIRE PROTECTION GENERAL NOTES AND LEGEND
04/04/25	FP-101	FIRE PROTECTION FIRST FLOOR PLAN
04/04/25	P-001	PLUMBING GENERAL NOTES AND LEGENDS
04/04/25	PD-100	PLUMBING DEMOLITION BASEMENT FLOOR PLAN
04/04/25	PD-101	PLUMBING DEMOLITION FIRST FLOOR PLAN
04/04/25	P-100	PLUMBING BASEMENT FLOOR PLAN
04/04/25	P-101	PLUMBING FIRST FLOOR PLAN
04/04/25	H-001	HVAC LEGEND, GENERAL NOTES, AND SCHEDULES
04/04/25	HD-101	HVAC DEMOLITION BASEMENT PLAN
04/04/25	HD-102	HVAC DEMOLITION FIRST FLOOR PLAN
04/04/25	H-101	HVAC BASEMENT PLAN
04/04/25	H-102	HVAC FIRST FLOOR PLAN
04/04/25	H-501	HVAC DETAILS
04/04/25	E-001	ELECTRICAL LEGEND
04/04/25	E-002	ELECTRICAL GENERAL NOTES
04/04/25	ED-101	ELECTRICAL DEMOLITION FIRST FLOOR PLAN
04/04/25	E-101	ELECTRICAL LIGHTING FIRST FLOOR PLAN
04/04/25	E-200	ELECTRICAL POWER BASEMENT PLAN
04/04/25	E-201	ELECTRICAL POWER & LOW VOLTAGE FIRST FLOOR PLAN
04/04/25	E-501	ELECTRICAL DETAILS -1
04/04/25	E-600	ELECTRICAL SCHEDULES
04/04/25	FA-001	FIRE ALARM LEGEND & GENERAL NOTES
04/04/25	FA-101	FIRE ALARM FIRST FLOOR PLAN

Fair Haven Community Health Care

Revision Schedule

Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

TITLE SHEET

SEAL & SIGNATURE

STATE OF CONNECTICUT · DEBORAH L. GEDDIS · No. 31737 · LICENSED ARCHITECT

DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: -
CHK BY: -
DWG No:
T-100.00

BUILDING INFORMATION – BUILDING CODE

2022 CT STATE BUILDING CODE (IBC 2021)

BUILDING OCCUPANCY CLASSIFICATION	B, BUSINESS
CONSTRUCTION CLASSIFICATION	V-B
MAX. HEIGHT PERMITTED	60'-0"
MAX. HEIGHT PROVIDED	41'-0"
STORIES PERMITTED	3 STORIES
STORIES PROVIDED	3 STORY
AREA PERMITTED	6,000 SF X 300% = 18,000 SF
AREA PROVIDED	7,510 + 7,118 = 14,628 SF
EXIT ACCESS TRAVEL DISTANCE	300'-0" (SPRINKLERED)
COMMON PATH OF TRAVEL	100'-0"
FIRE SUPPRESSION SYSTEM	AUTOMATIC SPRINKLER SYSTEM
AUTOMATIC FIRE DETECTION SYSTEM	PROVIDED
NOTIFICATION / ALARMS	PROVIDED

BUILDING INFORMATION – ZONING

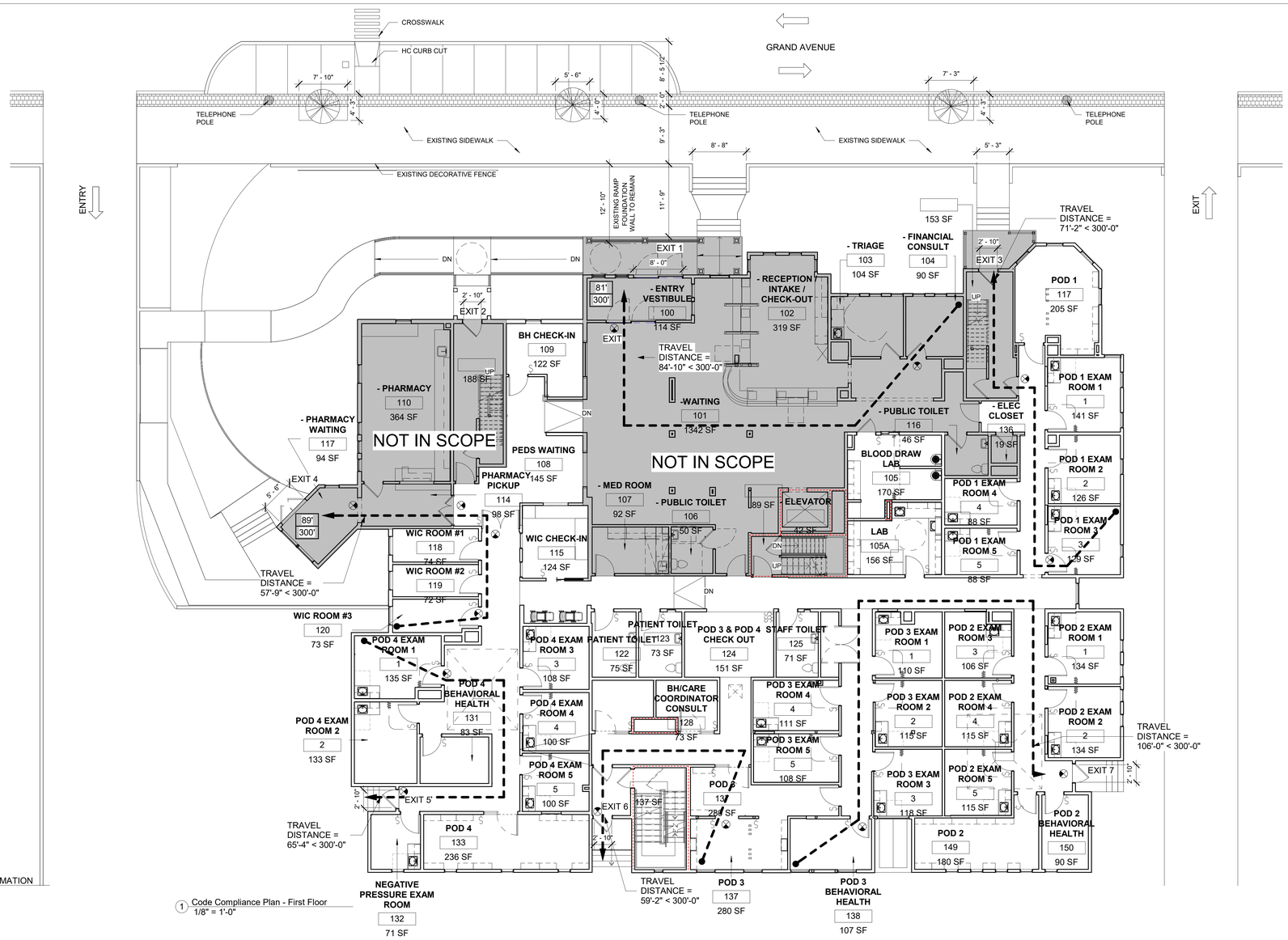
CITY OF NEW HAVEN, CT – ZONING REGULATIONS

ZONING DISTRICT	BA-1 (Neighborhood Center Mixed Use)
LOT AREA	28,750SF (.66 ACRES)
ALLOWABLE FLOOR AREA RATIO	2.0
ALLOWABLE FLOOR AREA	2.0 X 28,750 = 57,500 SF
USE GROUP	HEALTH CARE CLINIC
MAX. HEIGHT ALLOWED	45'-0"
MAX. HEIGHT PROVIDED	41'-0"
YARDS FACING PUBLIC RIGHT- OF - WAY	MAXIMUM 10'-0"
SIDE YARDS	NO MINIMUM
REAR YARDS	MINIMUM 10'-0"

CHAPTER 6 TYPES OF CONSTRUCTION

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS) TABLE 601

BUILDING ELEMENT	TYPE V B
Structural frame Including columns, girders, trusses	0
Bearing walls Exterior Interior	0 0
Nonbearing walls and partitions Exterior	N/A
Nonbearing walls and partitions Interior	0
Floor construction Including supporting beams and joists	0
Roof construction Including supporting beams and joists	0



1 Code Compliance Plan - First Floor
1/8" = 1'-0"

2 BUILDING INFORMATION
3/32" = 1'-0"

MEANS OF EGRESS OCCUPANT LOAD - FIRST FLOOR IN PROJECT SCOPE

Number	Name	Occupancy	Area	Load Factor	Occupant Load
1	POD 4 EXAM ROOM 1	BUSINESS, B	135 SF	150 SF	1
1	POD 3 EXAM ROOM 1	BUSINESS, B	110 SF	150 SF	1
1	POD 2 EXAM ROOM 1	BUSINESS, B	134 SF	150 SF	1
1	POD 1 EXAM ROOM 1	BUSINESS, B	141 SF	150 SF	1
2	POD 4 EXAM ROOM 2	BUSINESS, B	133 SF	150 SF	1
2	POD 3 EXAM ROOM 2	BUSINESS, B	115 SF	150 SF	1
2	POD 2 EXAM ROOM 2	BUSINESS, B	134 SF	150 SF	1
2	POD 1 EXAM ROOM 2	BUSINESS, B	126 SF	150 SF	1
3	POD 4 EXAM ROOM 3	BUSINESS, B	108 SF	150 SF	1
3	POD 3 EXAM ROOM 3	BUSINESS, B	118 SF	150 SF	1
3	POD 2 EXAM ROOM 3	BUSINESS, B	106 SF	150 SF	1
3	POD 1 EXAM ROOM 3	BUSINESS, B	129 SF	150 SF	1
4	POD 4 EXAM ROOM 4	BUSINESS, B	100 SF	150 SF	1
4	POD 3 EXAM ROOM 4	BUSINESS, B	111 SF	150 SF	1
4	POD 1 EXAM ROOM 4	BUSINESS, B	88 SF	150 SF	1
4	POD 2 EXAM ROOM 4	BUSINESS, B	115 SF	150 SF	1
5	POD 4 EXAM ROOM 5	BUSINESS, B	100 SF	150 SF	1
5	POD 1 EXAM ROOM 5	BUSINESS, B	88 SF	150 SF	1
5	POD 2 EXAM ROOM 5	BUSINESS, B	115 SF	150 SF	1
5	POD 3 EXAM ROOM 5	BUSINESS, B	108 SF	150 SF	1
105	BLOOD DRAW LAB	BUSINESS, B	170 SF	150 SF	1
105A	LAB	BUSINESS, B	156 SF	150 SF	1
108	PEDS WAITING	BUSINESS, B	145 SF	150 SF	1
109	BH CHECK-IN	BUSINESS, B	122 SF	150 SF	1
115	WIC CHECK-IN	BUSINESS, B	124 SF	150 SF	1
117	POD 1	BUSINESS, B	205 SF	150 SF	1
118	WIC ROOM #1	BUSINESS, B	74 SF	150 SF	0
119	WIC ROOM #2	BUSINESS, B	72 SF	150 SF	0
120	WIC ROOM #3	BUSINESS, B	73 SF	150 SF	0
122	PATIENT TOILET	BUSINESS, B	75 SF	0 SF	
123	PATIENT TOILET	BUSINESS, B	73 SF	0 SF	
124	POD 3 & POD 4 CHECK OUT	BUSINESS, B	151 SF	150 SF	1
125	STAFF TOILET	BUSINESS, B	71 SF	0 SF	
126	CLEAN STORAGE	BUSINESS, B	31 SF	300 SF	0
127	NURSE MANAGER	BUSINESS, B	73 SF	150 SF	0
128	BH/CARE COORDINATOR CONSULT	BUSINESS, B	73 SF	150 SF	0
129	POD 1 CORRIDOR	BUSINESS, B	181 SF		
130	POD 2 CORRIDOR	BUSINESS, B	170 SF		

MEANS OF EGRESS OCCUPANT LOAD - FIRST FLOOR IN PROJECT SCOPE

Number	Name	Occupancy	Area	Load Factor	Occupant Load
131	POD 4 BEHAVIORAL HEALTH	BUSINESS, B	83 SF	150 SF	1
131	POD 3 CORRIDOR	BUSINESS, B	168 SF		
132	NEGATIVE PRESSURE EXAM ROOM	BUSINESS, B	71 SF	150 SF	0
132	CORRIDOR	BUSINESS, B	479 SF		
133	POD 4	BUSINESS, B	236 SF	150 SF	2
133	CORRIDOR	BUSINESS, B	174 SF		
134	POD 4 CORRIDOR	BUSINESS, B	424 SF		
137	POD 3	BUSINESS, B	280 SF	150 SF	2
138	POD 3 BEHAVIORAL HEALTH	BUSINESS, B	107 SF	150 SF	1
149	POD 2	BUSINESS, B	180 SF	150 SF	1
150	POD 2 BEHAVIORAL HEALTH	BUSINESS, B	90 SF	150 SF	1
				TOTAL	32

MEANS OF EGRESS OCCUPANT LOAD - FIRST FLOOR NOT IN PROJECT SCOPE

Number	Name	Occupancy	Area	Load Factor	Occupant Load
100	- ENTRY VESTIBULE	BUSINESS, B	114 SF	150 SF	1
101	-WAITING	BUSINESS, B	1342 SF	150 SF	9
102	- RECEPTION / INTAKE / CHECK-OUT	BUSINESS, B	319 SF	150 SF	2
103	- TRIAGE	BUSINESS, B	104 SF	150 SF	1
104	- FINANCIAL CONSULT	BUSINESS, B	90 SF	150 SF	1
106	- PUBLIC TOILET	BUSINESS, B	50 SF	0 SF	
107	- MED ROOM	BUSINESS, B	92 SF	150 SF	1
110	- PHARMACY	BUSINESS, B	364 SF	150 SF	2
114	- PHARMACY PICKUP	BUSINESS, B	98 SF	150 SF	1
116	- PUBLIC TOILET	BUSINESS, B	46 SF	0 SF	
117	- PHARMACY WAITING	BUSINESS, B	94 SF	150 SF	1
				TOTAL	17

CODE LEGEND
1/4" = 1'-0"

NOT IN PROJECT SCOPE

TRAVEL DISTANCE

ONE HOUR RATED

ZONING LOCATION MAP

N

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

CODE COMPLIANCE DRAWINGS

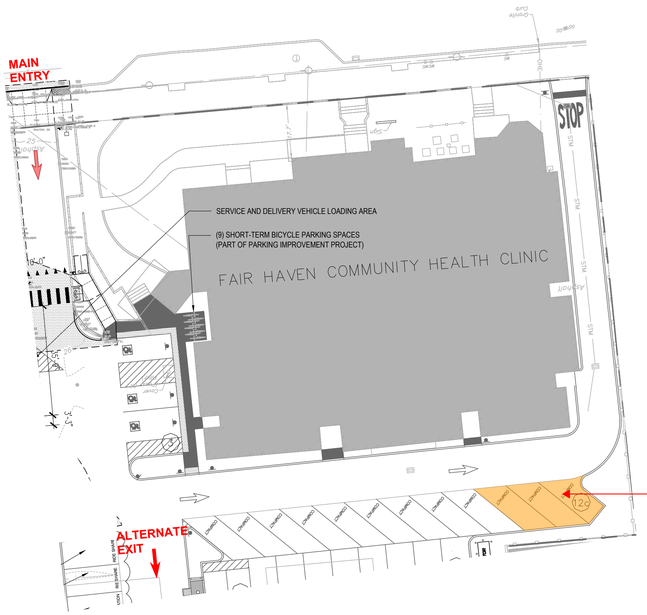
SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN L. GEDDIS · REGISTERED ARCHITECT · NO. 011

DATE:	04/04/25
PROJECT No:	9400
DRAWING BY:	TAP
CHK BY:	BG
WG No:	

CC-100.00

SITE LOGISTICS PLAN



CONSTRUCTION DUMPSTERS

PHASING PLAN:

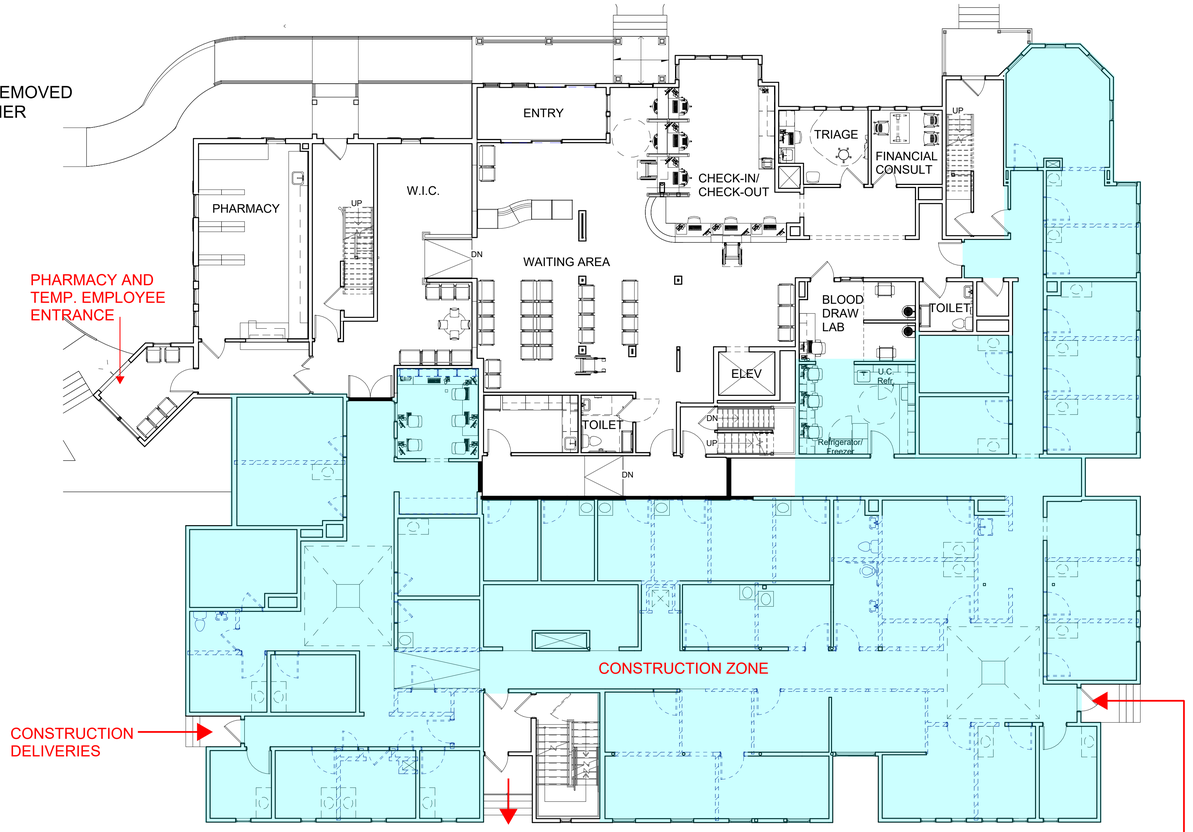
ALL FURNITURE AND EQUIPMENT REMOVED FROM HIGHLIGHTED AREA, BY OWNER

CONSTRUCTION ZONE SECURED, EGRESS MAINTAINED AT CENTER STAIR AND BACK STAIR

EMPLOYEE ENTRANCE, TO FIRST FLOOR, MOVED TO PHARMACY ENTRANCE UNTIL CONSTRUCTION IS COMPLETE

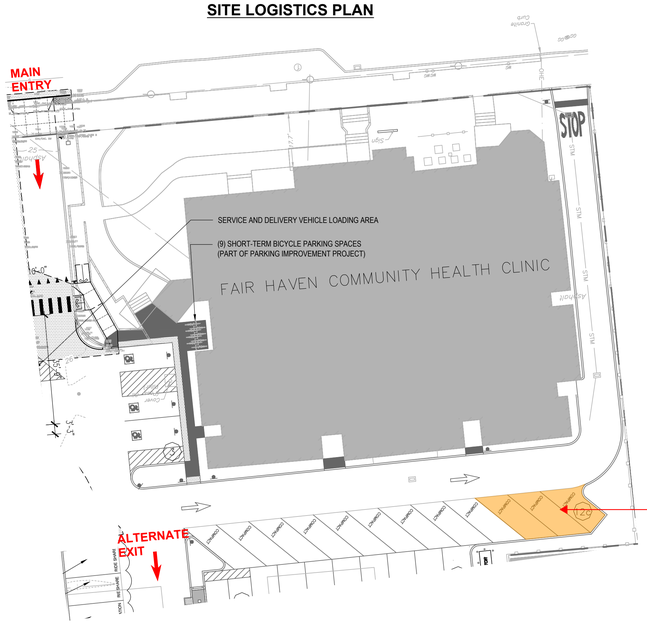
CONSTRUCTION DELIVERIES TO BE THROUGH EXISTING SIDE ENTRANCES

AFTER THE CONSTRUCTION IS COMPLETE, ALL PODS ARE OPEN FOR PATIENT CARE



1 101-First Floor Phasing Plan
1/8" = 1'-0"

SITE LOGISTICS PLAN



CONSTRUCTION DUMPSTERS

ALTERNATE PHASING PLAN:

HIGHLIGHTED AREAS STAY OPERATIONAL

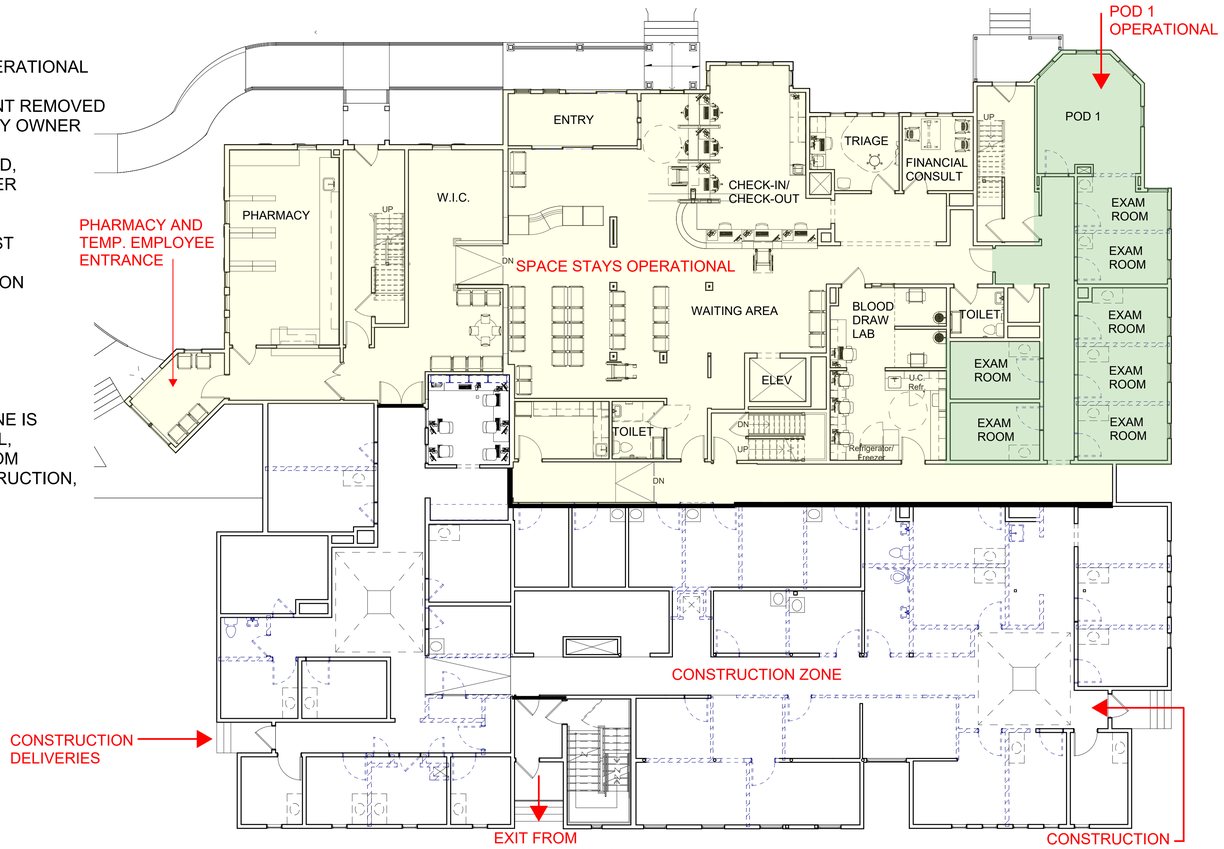
ALL FURNITURE AND EQUIPMENT REMOVED FROM CONSTRUCTION ZONE, BY OWNER

CONSTRUCTION ZONE SECURED, EGRESS MAINTAINED AT CENTER STAIR AND BACK STAIR

EMPLOYEE ENTRANCE, TO FIRST FLOOR, MOVED TO PHARMACY ENTRANCE UNTIL CONSTRUCTION IS COMPLETE

CONSTRUCTION DELIVERIES TO BE THROUGH EXISTING SIDE ENTRANCES

ONCE THE CONSTRUCTION ZONE IS COMPLETED AND OPERATIONAL, POD 1 GETS SECURED OFF FROM THE REST OF THE NEW CONSTRUCTION, DEMOLISHED AND FINISHED



2 101-First Floor Phasing Plan Alternate
1/8" = 1'-0"

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Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
Colliers Engineering
Joseph Luciano
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Madison, CT
203-415-4416

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TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

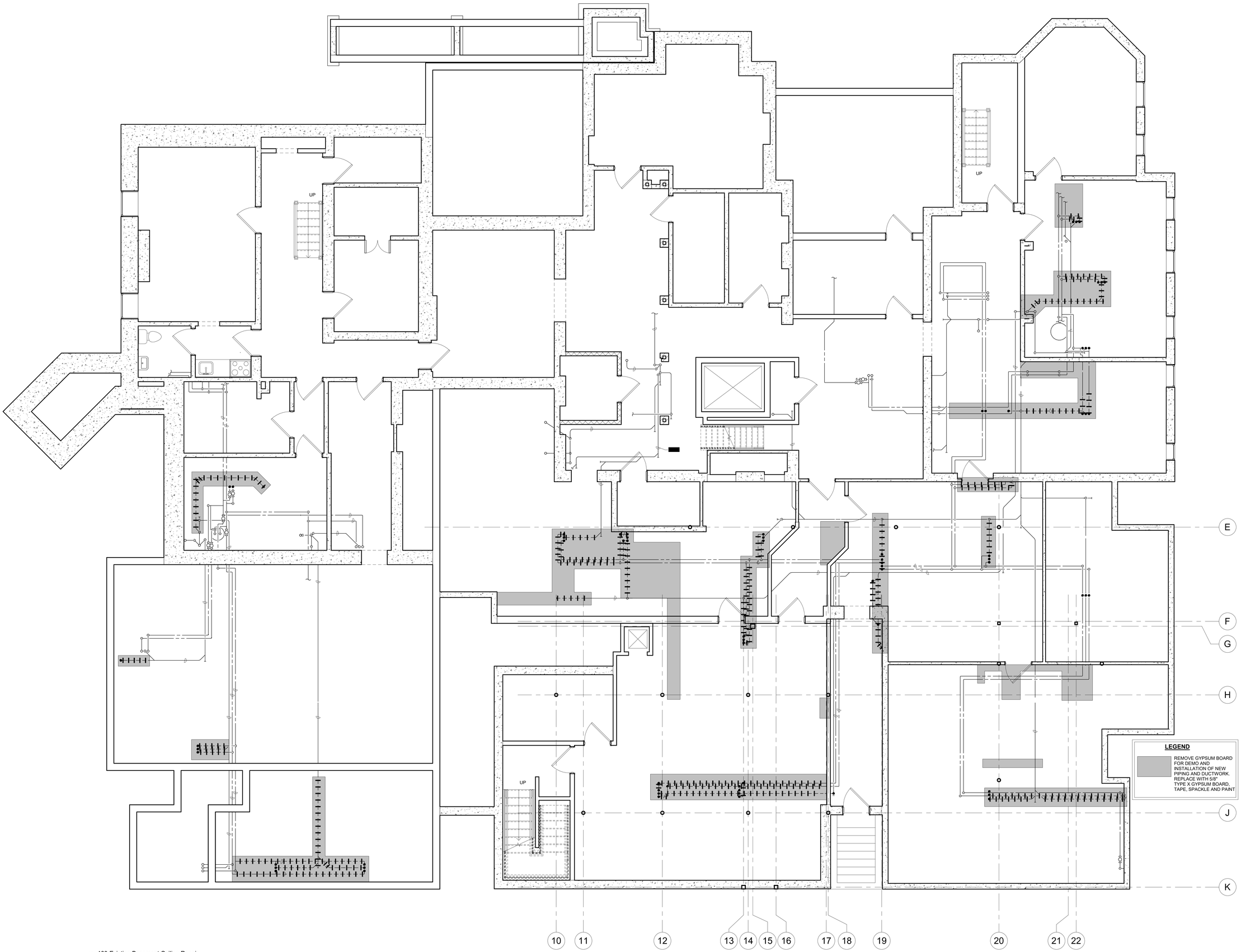
374 Grand Avenue, New Haven, CT 06513

PROPOSED PHASING PLANS

SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN L. GEDDIS · No. 11374 · REGISTERED ARCHITECT

DATE:	04/04/25
PROJECT No:	9400
DRAWING BY:	TAP
CHK BY:	BG
WG No:	**PH-100.00**



1 100-Existing Basement Ceiling Repair
1/4" = 1'-0"

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Geddis Architects

Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

BASEMENT DEMOLITION PLAN

SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN L. GEDDIS · No. 21312 · REGISTERED ARCHITECT

DATE:	04/04/25
PROJECT No:	9400
DRAWING BY:	TAP
CHK BY:	BG
WG No:	D-100.00

1 101-Demo First Floor Plan
1/4" = 1'-0"

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

DEMOLITION LEGEND	
Key Value	Keynote Text
01	METAL/WOOD STUDS - GYPSUM OR PLASTER PARTITION
02	DOOR, FRAME, GLAZING AND ASSOCIATED HARDWARE
03	WOOD CABINETS, OPEN SHELVES, AND/OR COAT RACKS
07	2'X 4' ACOUSTIC CEILING TILE, GRID & ALL RELATED LIGHT FIXTURES
08	APPLIED FLOORING, BASE, ADHESIVE, & ALL ACCESSORIES
09	PLUMBING AND ASSOCIATED HARDWARE
10	CERAMIC TILE FLOORING, BASE AND WALL TILE

GENERAL NOTE:
EXISTING DOOR HARDWARE TO BE REMOVED AND STORED FOR FUTURE USE

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

FIRST FLOOR DEMOLITION PLAN

SEAL & SIGNATURE

STATE OF CONNECTION · BRIAN GEDDIS · No. 013... · REGISTERED ARCHITECT

DATE:	04/04/25
PROJECT No:	9400
DRAWING BY:	TAP
CHK BY:	BG
WG No:	D-101.00

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects

Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

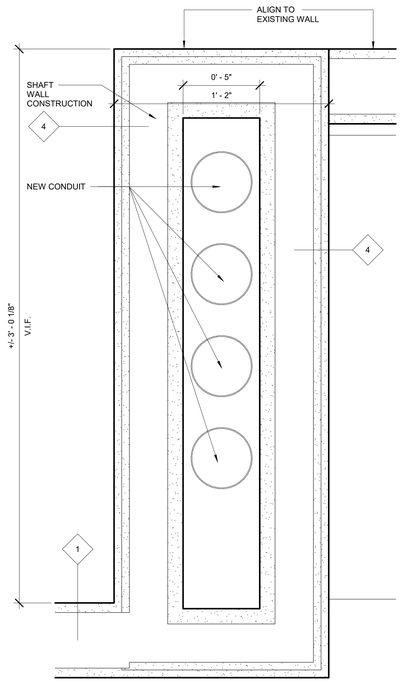
PROPOSED FIRST FLOOR PLAN

SEAL & SIGNATURE

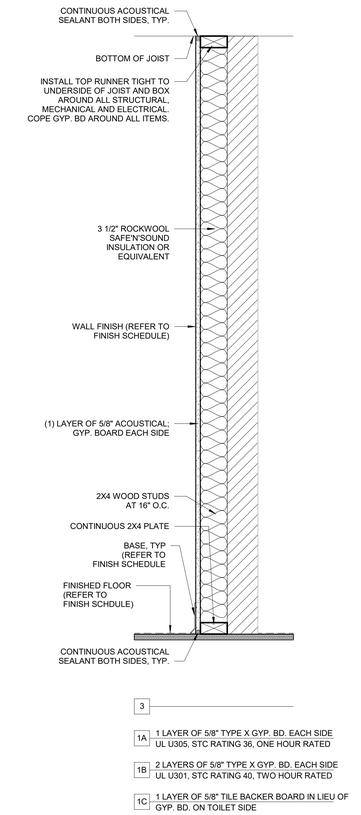
STATE OF CONNECTICUT · BRIANA L. GEDDIS · LICENSED ARCHITECT · No. 31367

DATE:	04/04/25
PROJECT No:	9400
DRAWING BY:	TAP
CHK BY:	
DWG No:	A-101.00

1 101-Proposed First Floor
1/4" = 1'-0"



7 CONDUIT BOX OUT
3" = 1'-0"



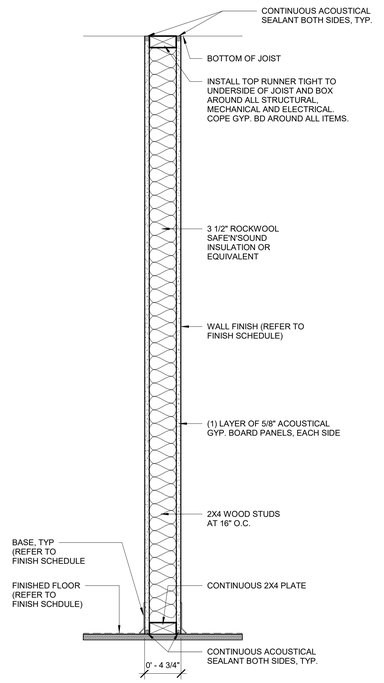
3 | 3

1A | 1 LAYER OF 5/8" TYPE X GYP. BD. EACH SIDE
UL U305, STC RATING 36, ONE HOUR RATED

1B | 2 LAYERS OF 5/8" TYPE X GYP. BD. EACH SIDE
UL U301, STC RATING 40, TWO HOUR RATED

1C | 1 LAYER OF 5/8" TILE BACKER BOARD IN LIEU OF
GYP. BD. ON TOILET SIDE

3 FURRED PARTITION
1 1/2" = 1'-0"



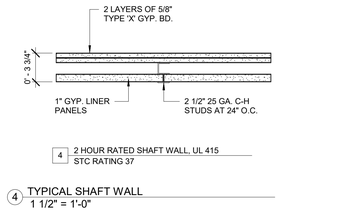
1 | STC RATING #36

1A | 1 LAYER OF 5/8" TYPE X GYP. BD. EACH SIDE
UL U305, STC RATING 36, ONE HOUR RATED

1B | 2 LAYERS OF 5/8" TYPE X GYP. BD. EACH SIDE
UL U301, STC RATING 40, TWO HOUR RATED

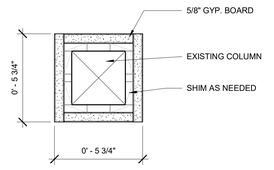
1C | 1 LAYER OF 5/8" TILE BACKER BOARD IN LIEU OF
GYP. BD. ON TOILET SIDE

1 TYPICAL PARTITION 1
1 1/2" = 1'-0"

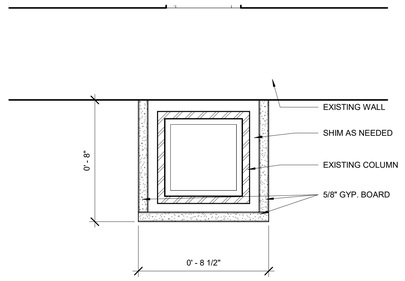


4 | 2 HOUR RATED SHAFT WALL, UL 415
STC RATING 37

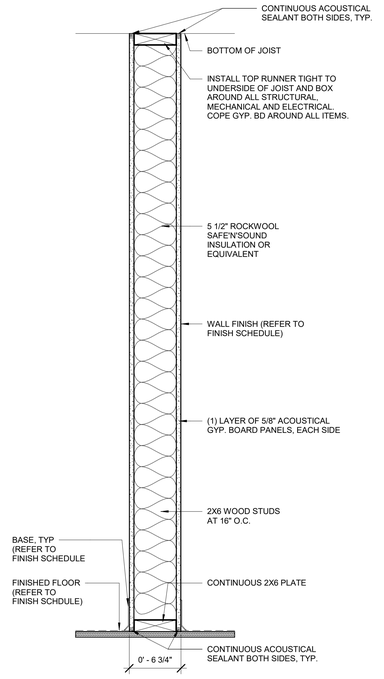
4 TYPICAL SHAFT WALL
1 1/2" = 1'-0"



5 PLAN DETAIL - COLUMN
3" = 1'-0"



6 PLAN DETAIL - COLUMNS
3" = 1'-0"



2 | STC RATING #36

2A | 1 LAYER OF 5/8" TYPE X GYP. BD. EACH SIDE
UL U305, STC RATING 36, ONE HOUR RATED

2B | 2 LAYERS OF 5/8" TYPE X GYP. BD. EACH SIDE
UL U301, STC RATING 40, TWO HOUR RATED

2C | 1 LAYER OF 5/8" TILE BACKER BOARD IN LIEU OF
GYP. BD. ON TOILET SIDE

2 TYPICAL PARTITION 2
1 1/2" = 1'-0"

Revision Schedule

Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects

Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

WALL TYPES AND MISC. DETAILS

SEAL & SIGNATURE

STATE OF CONNECTICUT
BRIAN LEE GEDDIS
No. 11737
REGISTERED ARCHITECT

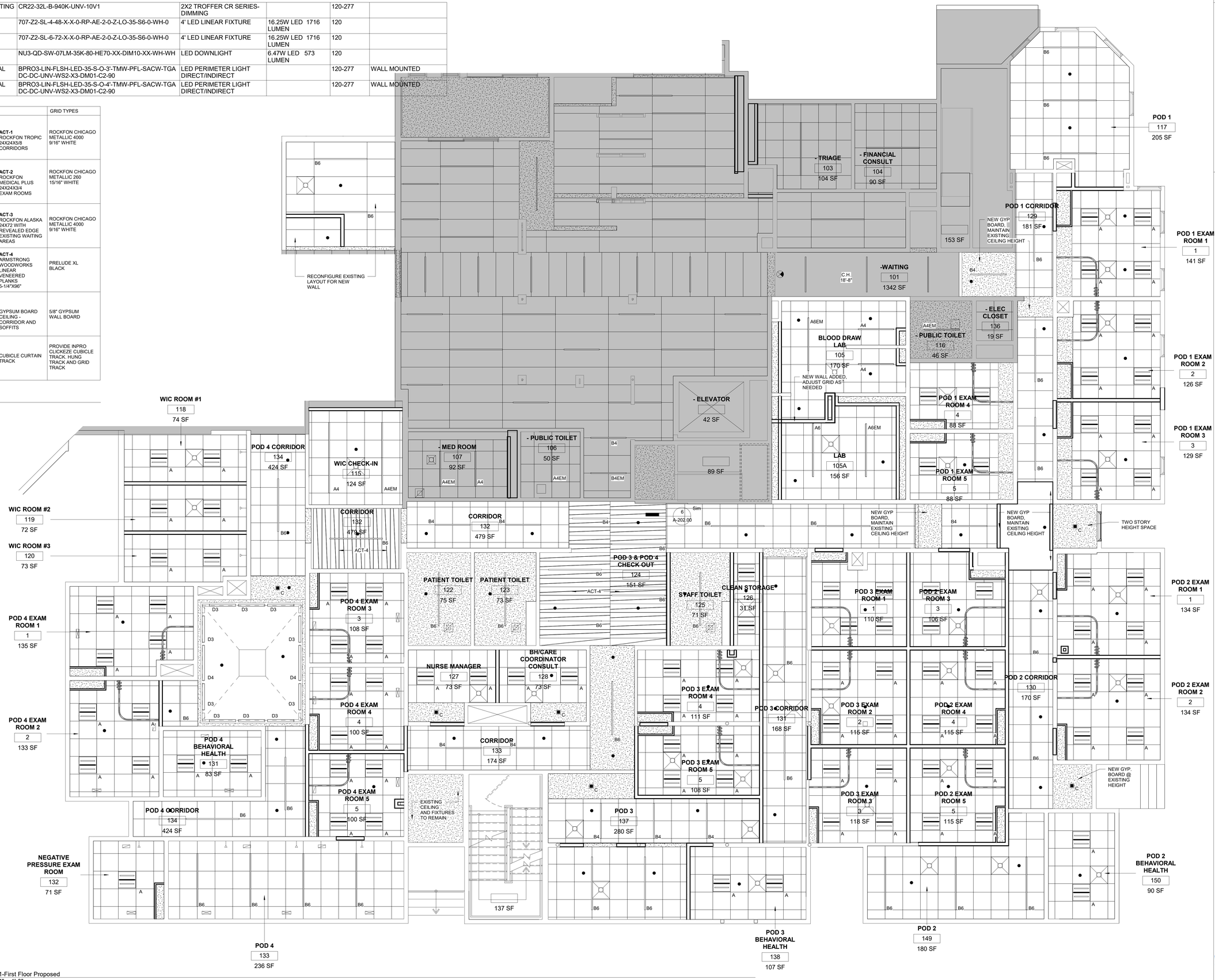
DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY:
DWG No: **A-110.00**

LIGHTING SCHEDULE

Type	Manufacturer	Catalog Number	Description Type	Lamp	Volt	Mounting Types
A	CREE LIGHTING	CR22-32L-B-940K-UNV-10V1	2X2 TROFFER CR SERIES-DIMMING		120-277	
B4	VODE	707-Z2-SL-4-48-X-X-0-RP-AE-2-0-Z-LO-35-S6-0-WH-0	4' LED LINEAR FIXTURE	16.25W LED 1716 LUMEN	120	
B6	VODE	707-Z2-SL-6-72-X-X-0-RP-AE-2-0-Z-LO-35-S6-0-WH-0	4' LED LINEAR FIXTURE	16.25W LED 1716 LUMEN	120	
C	ALPHABET	NU3-QD-SW-07LM-35K-80-HE70-XX-DIM10-XX-WH-WH	LED DOWNLIGHT	6.47W LED 573 LUMEN	120	
D3	PRUDENTIAL LTG.	BPRO3-LIN-FLSH-LED-35-S-O-3'-TMW-PFL-SACW-TGA DC-DC-UNV-WS2-X3-DM01-C2-90	LED PERIMETER LIGHT DIRECT/INDIRECT		120-277	WALL MOUNTED
D4	PRUDENTIAL LTG.	BPRO3-LIN-FLSH-LED-35-S-O-4'-TMW-PFL-SACW-TGA DC-DC-UNV-WS2-X3-DM01-C2-90	LED PERIMETER LIGHT DIRECT/INDIRECT		120-277	WALL MOUNTED

CEILING TYPES		GRID TYPES
	ACT-1 ROCKFON TROPIC 24X24X5/8 CORRIDORS	ROCKFON CHICAGO METALLIC 4000 9/16" WHITE
	ACT-2 ROCKFON MEDICAL PLUS 24X24X3/4 EXAM ROOMS	ROCKFON CHICAGO METALLIC 260 15/16" WHITE
	ACT-3 ROCKFON ALASKA 24X72 WITH REVEALED EDGE EXISTING WAITING AREAS	ROCKFON CHICAGO METALLIC 4000 9/16" WHITE
	ACT-4 ARMSTRONG WOODWORKS LINEAR VENEERED PLANKS 5-1/4"X96"	PRELUDE XL BLACK
	GYPSUM BOARD CEILING - CORRIDOR AND SOFFITS	5/8" GYPSUM WALL BOARD
	CUBICLE CURTAIN TRACK	PROVIDE INPRO CLICKEZE CUBICLE TRACK. HUNG TRACK AND GRID TRACK

CEILING LEGEND
1/4" = 1'-0"



1 101-First Floor Proposed
1/4" = 1'-0"

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

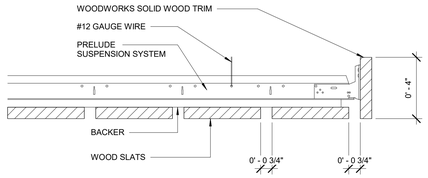
374 Grand Avenue, New Haven, CT 06513

FIRST FLOOR REFLECTED CEILING PLAN

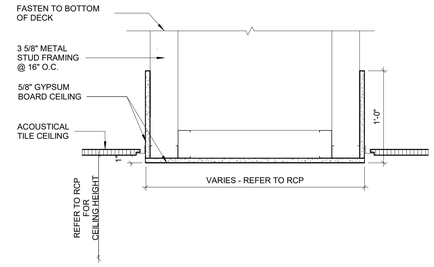
SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN L. GEDDIS · No. 21312 · LICENSED ARCHITECT

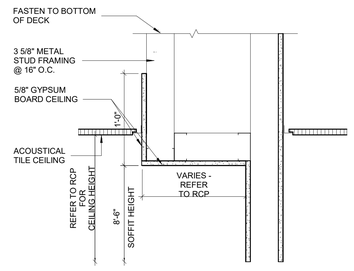
DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY:
WG No: **A-201.00**



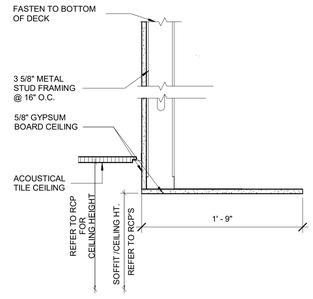
6 CEILING AT RECEPTION
3" = 1'-0"



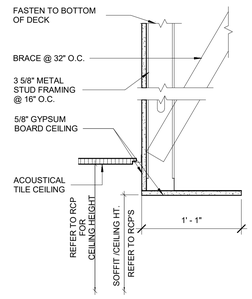
1 CEILING DETAIL AT CORRIDOR
1 1/2" = 1'-0"



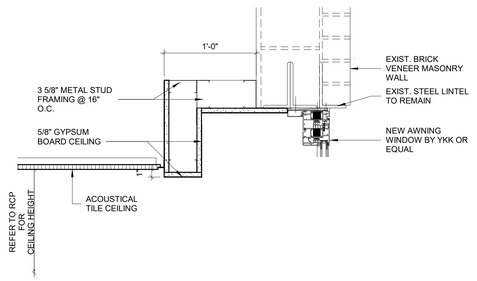
2 CEILING DETAIL AT RECEPTION DESK
1 1/2" = 1'-0"



3 EXISTING SOFFIT DETAIL
1 1/2" = 1'-0"



4 SOFFIT DETAIL
1 1/2" = 1'-0"



5 SOFFIT DETAIL AT WINDOW
1 1/2" = 1'-0"

Revision Schedule

Date	Description
04/04/2025	ISSUED FOR BID

Geddis
Architects

Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

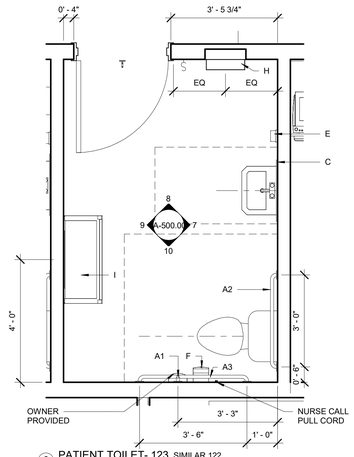
CEILING DETAILS

SEAL & SIGNATURE

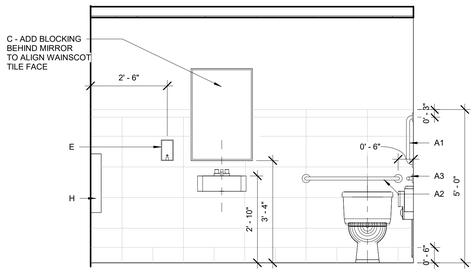
STATE OF CONNECTICUT · THOMAS A. PAPPAS · No. 31327 · LICENSED ARCHITECT

DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY:
WG No:

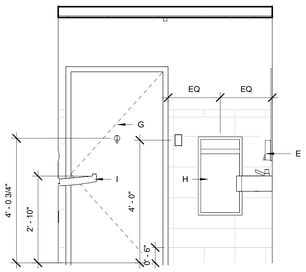
A-202.00



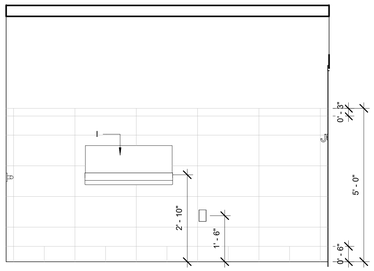
6 PATIENT TOILET- 123, SIMILAR 122
1/2" = 1'-0"



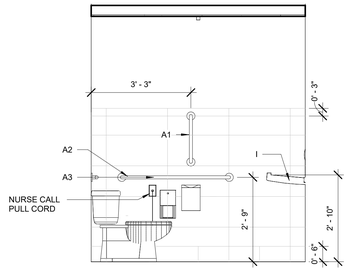
7 ELEVATION-PATIENT TOILET, 123
1/2" = 1'-0"



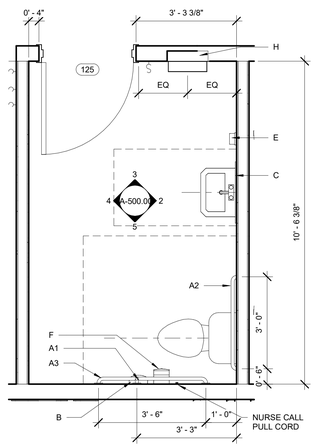
8 ELEVATION-PATIENT TOILET, 123
1/2" = 1'-0"



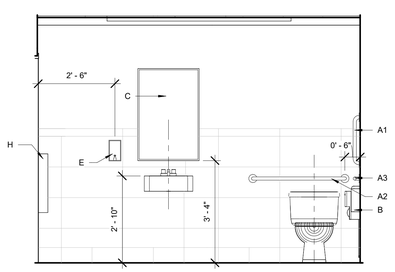
9 ELEVATION-PATIENT TOILET, 123
1/2" = 1'-0"



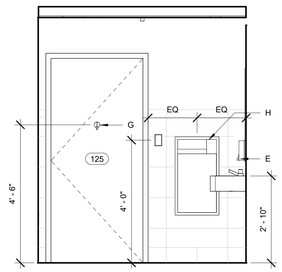
10 ELEVATION-PATIENT TOILET, 123
1/2" = 1'-0"



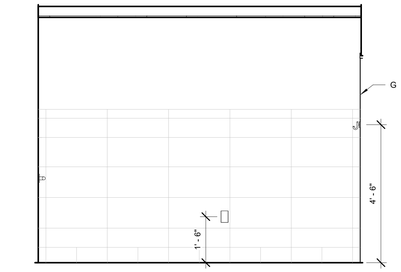
1 STAFF TOILET, 125
1/2" = 1'-0"



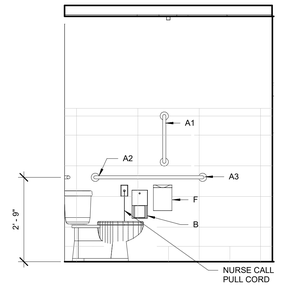
2 ELEVATION- STAFF TOILET, 125
1/2" = 1'-0"



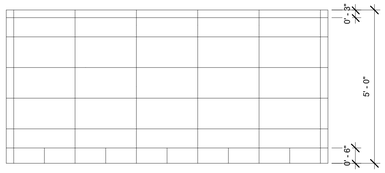
3 ELEVATION- STAFF TOILET, 125
1/2" = 1'-0"



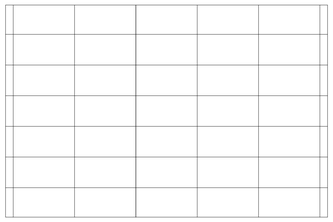
4 ELEVATION- STAFF TOILET, 125
1/2" = 1'-0"



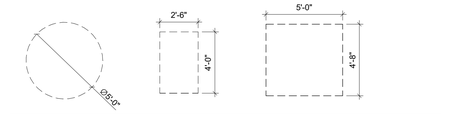
5 ELEVATION- STAFF TOILET, 125
1/2" = 1'-0"

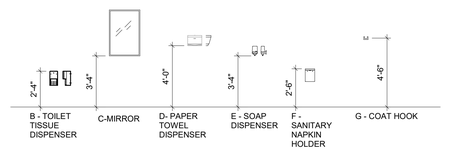


12 WALL TILE PATTERN
1/2" = 1'-0"



13 FLOOR TILE PATTERN
1/2" = 1'-0"





MOUNTING HEIGHTS
ACCESSORIES

11 ACCESSORY SCHEDULE
1/4" = 1'-0"

ACCESSORY SCHEDULE:
ACCESSORIES TO BE AS NOTED OR EQUAL

NUMBER	DESCRIPTION
A1 A2 A3	GATCO GLAM GRAB BAR - MINIMALIST - SATIN NICKEL - 18" GRAB BAR GATCO GLAM GRAB BAR - MINIMALIST - SATIN NICKEL - 36" GRAB BAR GATCO GLAM GRAB BAR - MINIMALIST - SATIN NICKEL - 42" GRAB BAR
B	TOILET TISSUE DISPENSER - BY OWNER
C	GLAM FRAMED RECTANGLE MIRROR - 24.5 X 32.5 - SATIN NICKEL
D	NOT USED
E	SURFACE MOUNTED SOAP DISPENSER - BY OWNER
F	BOBRICK B-270, SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
G	GLAM DOUBLE ROBE HOOK - 4645A - SATIN NICKEL
H	BOBRICK B-3699 COMBINATION PAPER TOWEL/WASTE RECEPTACLE
I	ASI 9013 RECESSED BABY CHANGING STATION

GENERAL NOTE:
1. PROVIDE HOOKS ON THE BACK OF ALL BATHROOM AND OFFICE DOORS.
2. PROVIDE UNDER LAVATORY GUARD AT PIPING BELOW SINKS.
3. PROVIDE BLOCKING AT ALL GRAB BARS AND BABY CHANGING STATIONS.

CLEARANCES

2010 ADA STANDARDS

CHAPTER 6: Plumbing Elements and Facilities
Section 603.2.3
Door Swing: Doors shall not swing into the clear floor space required for any fixture. Doors shall be permitted to swing into the required turning space.

EXCEPTIONS: #2
Where the toilet room or bathing room is for individual use and clear floor space complying with 305.3. is provided within the room beyond the arc of the door swing, doors shall be permitted to swing into the clear floor space or clearance required for any fixture.

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

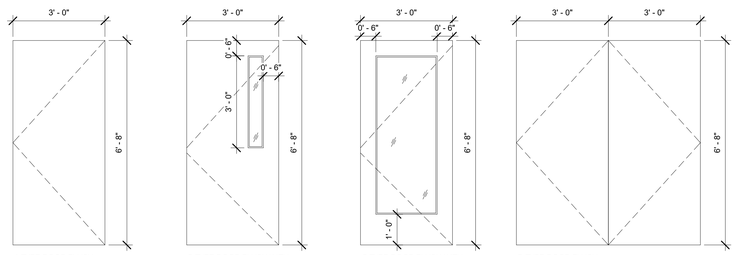
TOILET PLANS

SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN T. GEDDIS · No. 21312 · REGISTERED ARCHITECT

DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY: BG
DWG No: **A-500.00**

DOOR TYPES:



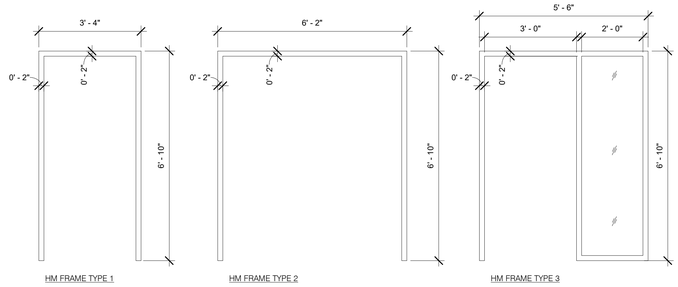
A TYPE DOOR FLUSH
ROTARY CUT NATURAL MAPLE

B TYPE DOOR FLUSH WITH VISION PANEL
ROTARY CUT NATURAL MAPLE

C TYPE DOOR FLUSH WITH VISION PANEL
ROTARY CUT NATURAL MAPLE

D TYPE DOOR FLUSH
ROTARY CUT NATURAL MAPLE

FRAME TYPES:



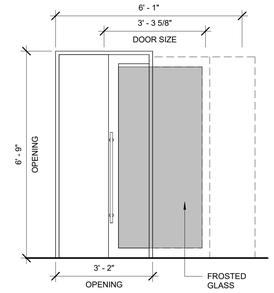
HM FRAME TYPE 1

HM FRAME TYPE 2

HM FRAME TYPE 3

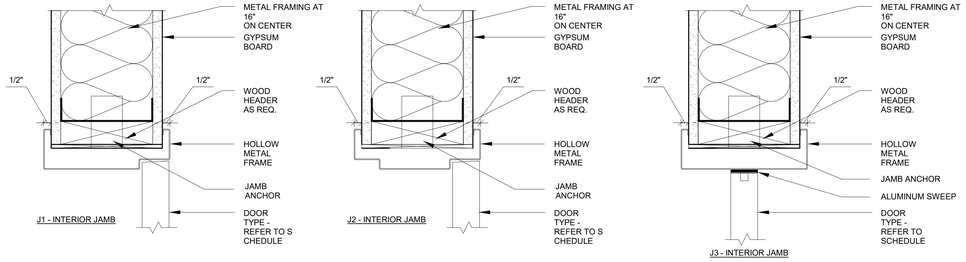
DOOR NOTES:
ALL DOORS TO BE ROTARY CUT NATURAL MAPLE.
DOOR HOOKS TO BE MOUNTED ON THE BACK OF ALL OFFICE, TOILET AND TRIAGE DOORS.
VERIFY SWING AND HANDING WITH DOOR SCHEDULE AND CONSTRUCTION PLANS.

1 DOOR AND FRAME ELEVATIONS
1/2" = 1'-0"



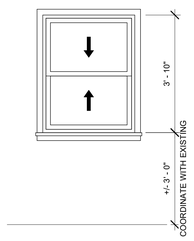
3 POCKET DOOR - TYPE E
1/2" = 1'-0"

BASIS OF DESIGN: SERENITY SLIDING DOOR SYSTEMS
SPRING CLOSE, SUNRISE LEVER, SD9650 - OFFICE

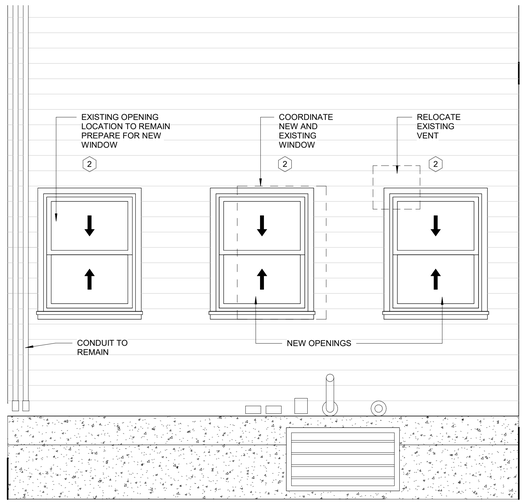


2 HEAD AND JAMB DETAILS
3" = 1'-0"

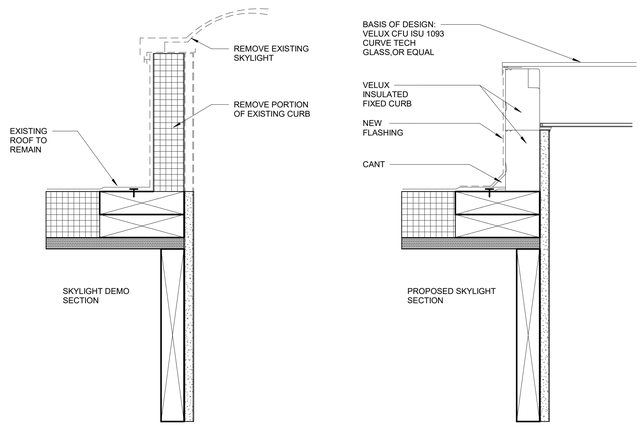
DOOR NUMBER	DOOR Size Width	Height	Type	Mat.	Fin.	FRAME Type	Mat.	Fin.	Jamb	Fire Rating	Hardware Sets	Security	Comments
115	3' - 0"	6' - 8"	E	WD	CLR		HM	P	J2				POCKET DOOR
118	3' - 0"	6' - 8"	B	WD	CLR	1	HM	P	J2	-	3		
119	3' - 0"	6' - 8"	B	WD	CLR	1	HM	P	J2	-	3		
120	3' - 0"	6' - 8"	B	WD	CLR	1	HM	P	J2	-	3		
122	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J3	-	2		
123	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J3	-	2		
125	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J3	-	2		
126	(2) 3'-0"	6' - 8"	D	WD	CLR	2	HM	P	J1		4		
127	3' - 0"	6' - 8"	C	WD	CLR	3	HM	P	J2		2		
128	3' - 0"	6' - 8"	C	WD	CLR	3	HM	P	J2		2		
129	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
130	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
131	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
132	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
133	3' - 0"	6' - 8"	C	WD	CLR	3	HM	P	J2		3		
134	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
135	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
136	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
137	3' - 0"	6' - 8"	C	WD	CLR	3	HM	P	J2		3		
137A	3' - 0"	6' - 8"	C	WD	CLR	1	HM	P	J2	-	3		
138	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
139	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
140	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
141	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
142	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
143	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
144	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
145	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
146	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
147	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
148	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
149	3' - 0"	6' - 8"	C	WD	CLR	1	HM	P	J2	-	3		
150	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
151	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
152	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
153	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
154	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
155	3' - 0"	6' - 8"	A	WD	CLR	1	HM	P	J2	-	1		
156	3' - 0"	6' - 8"	C	WD	CLR	1	HM	P	J2	-	3		



4 WINDOW TYPE 2
1/2" = 1'-0"



5 PARTIAL NORTH ELEVATION
1/2" = 1'-0"



6 SKYLIGHT
3" = 1'-0"

Revision Schedule

Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

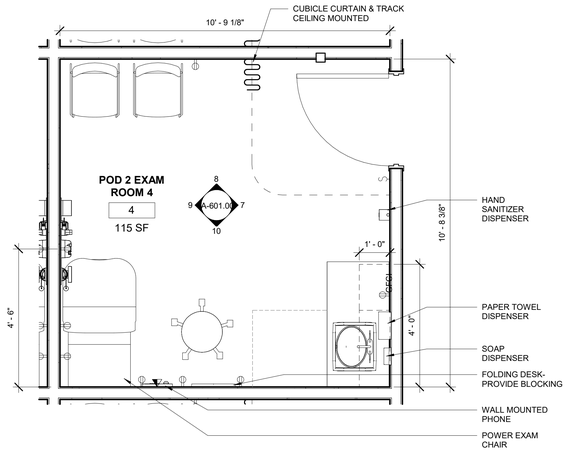
DOOR SCHEDULE, DETAILS AND WINDOWS

SEAL & SIGNATURE

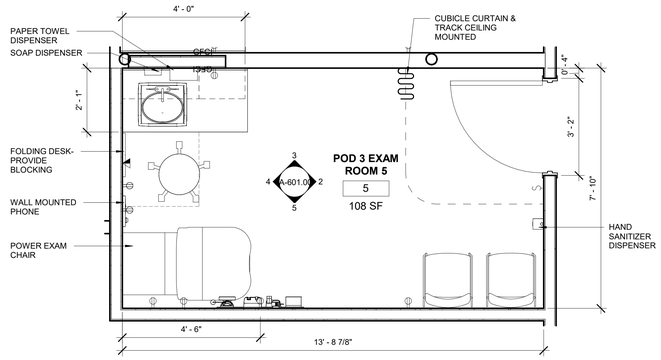
STATE OF CONNECTION · BRIAN L. GEDDIS · No. 11124 · REGISTERED ARCHITECT

DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY: BG
WG No:

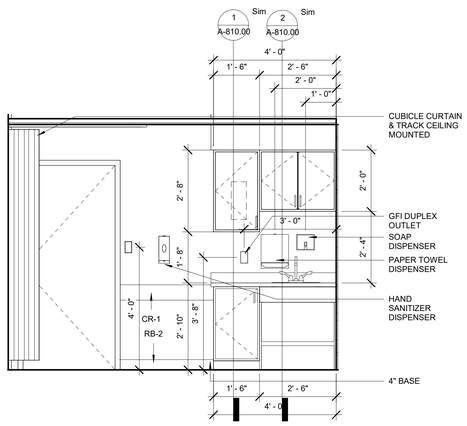
A-510.00



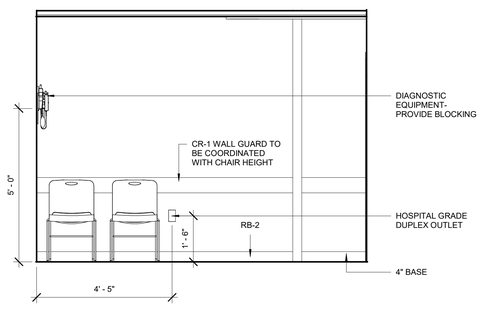
6 TYP. NEW EXAM ROOM 2
1/2" = 1'-0"



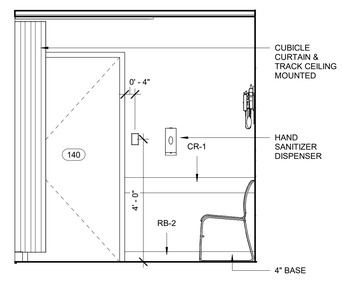
1 TYP. NEW EXAM ROOM 1
1/2" = 1'-0"



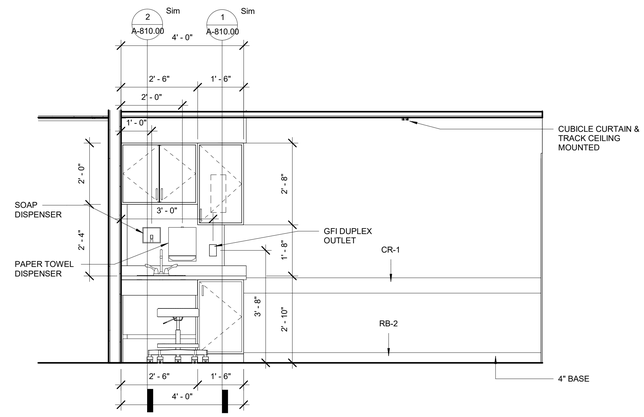
7 ELEVATION-TYP. NEW EXAM ROOM 2
1/2" = 1'-0"



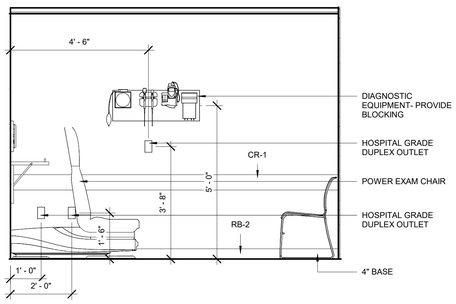
8 ELEVATION-TYP. NEW EXAM ROOM 2
1/2" = 1'-0"



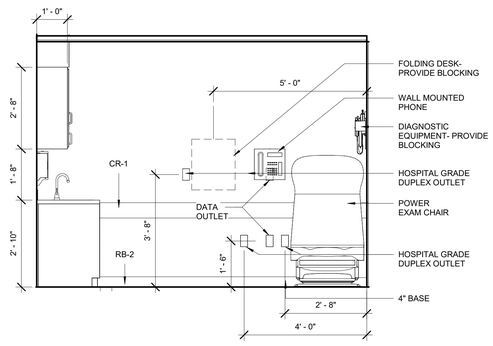
2 ELEVATION-TYP. NEW EXAM ROOM 1
1/2" = 1'-0"



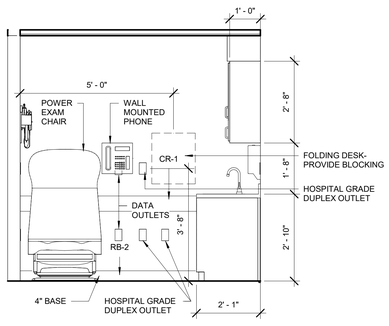
3 ELEVATION-TYP. NEW EXAM ROOM 1
1/2" = 1'-0"



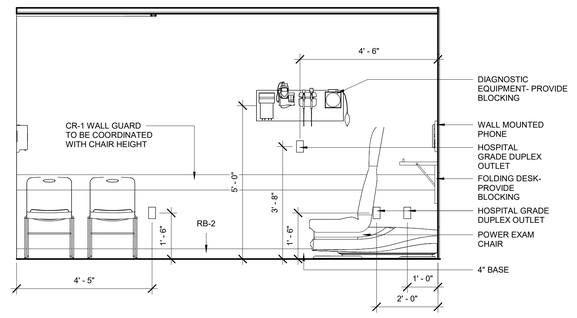
9 ELEVATION-TYP. NEW EXAM ROOM 2
1/2" = 1'-0"



10 ELEVATION-TYP. NEW EXAM ROOM 2
1/2" = 1'-0"



4 ELEVATION-TYP. NEW EXAM ROOM 1
1/2" = 1'-0"



5 ELEVATION-TYP. NEW EXAM ROOM 1
1/2" = 1'-0"

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
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Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

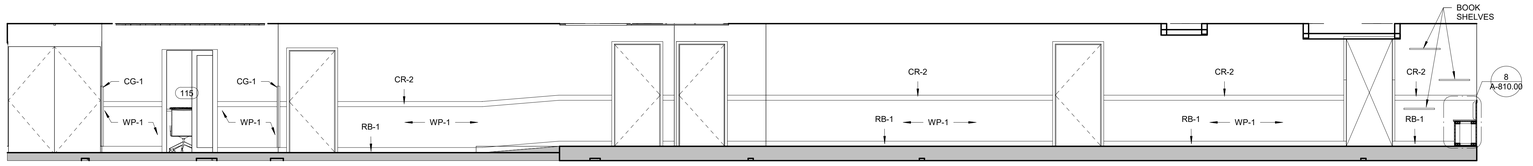
374 Grand Avenue, New Haven, CT 06513

TYPICAL EXAM ROOM PLANS AND ELEVATIONS

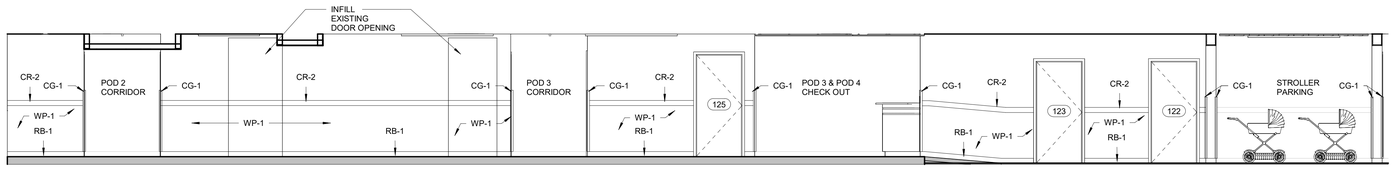
SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIDGET L. GEDDIS · 31572 · REGISTERED ARCHITECT

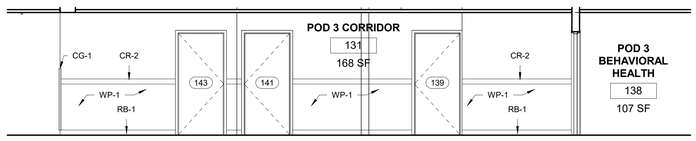
DATE:	04/04/25
PROJECT No:	9400
DRAWING BY:	TAP
CHK BY:	BG
WG No:	A-601.00



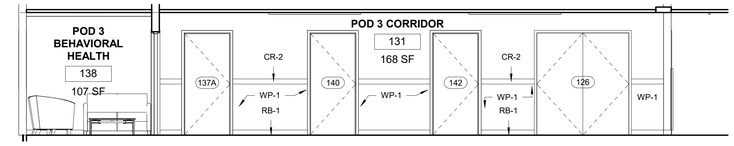
1 CORRIDOR 132 A
1/4" = 1'-0"



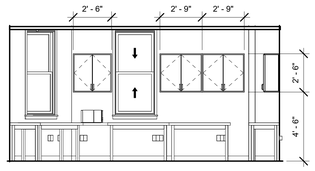
2 CORRIDOR 132 B
1/4" = 1'-0"



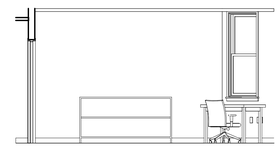
3 POD 3 CORRIDOR A (TYP FOR POD CORRIDORS)
1/4" = 1'-0"



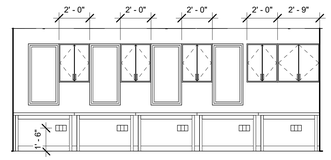
4 POD 3 CORRIDOR B
1/4" = 1'-0"



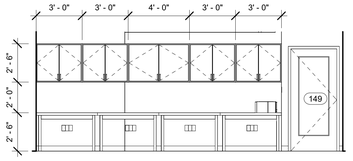
5 POD 1 ELEVATION A
1/4" = 1'-0"



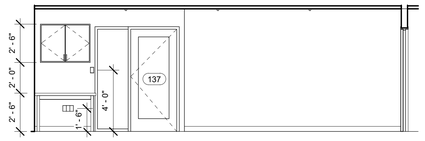
6 POD 1 ELEVATION B
1/4" = 1'-0"



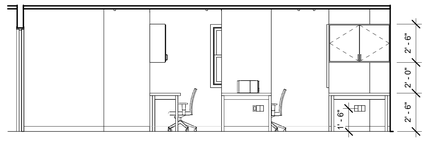
7 POD 2 ELEVATION A
1/4" = 1'-0"



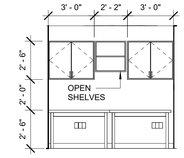
8 POD 2 ELEVATION B
1/4" = 1'-0"



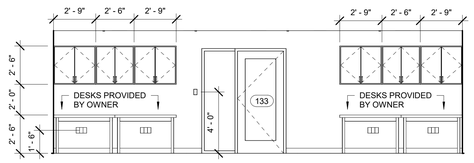
9 POD 3 ELEVATION A
1/4" = 1'-0"



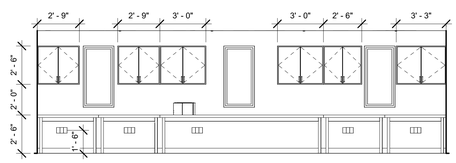
10 POD 3 ELEVATION B
1/4" = 1'-0"



11 POD 3 ELEVATION C
1/4" = 1'-0"



12 POD 4 ELEVATION A
1/4" = 1'-0"



13 POD 4 ELEVATION B
1/4" = 1'-0"

N

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects

Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

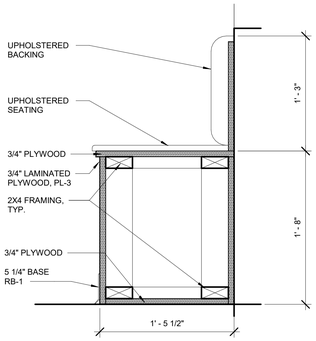
374 Grand Avenue, New Haven, CT 06513

CORRIDOR ELEVATIONS

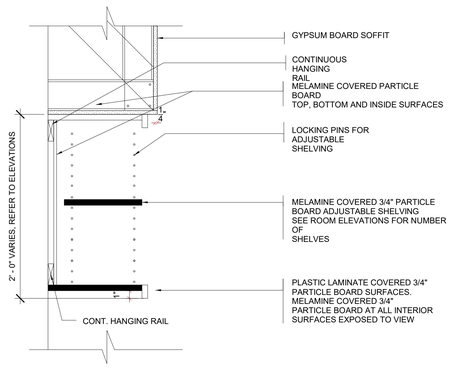
SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN T. TADDEI · No. 31324 · REGISTERED ARCHITECT

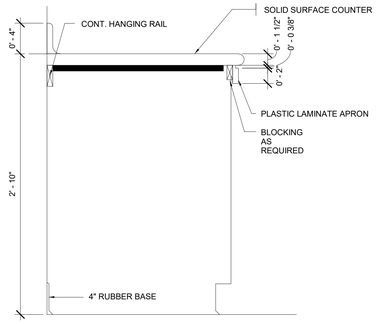
DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY:
WG No: **A-800.00**



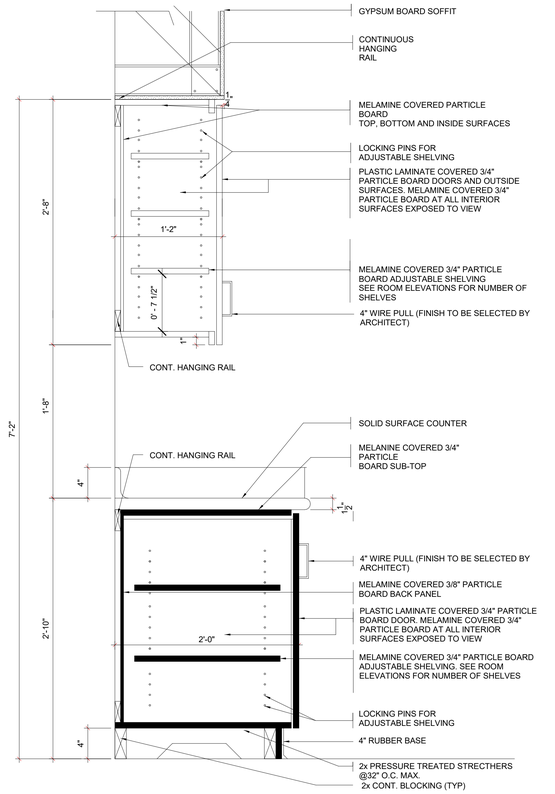
8 BOOK BENCH
1 1/2" = 1'-0"



3 MILLWORK DETAILS - SHELVING
1 1/2" = 1'-0"



4 COUNTERTOP DETAIL
1 1/2" = 1'-0"



1 WALL AND BASE CABINETS
1 1/2" = 1'-0"

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects

Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
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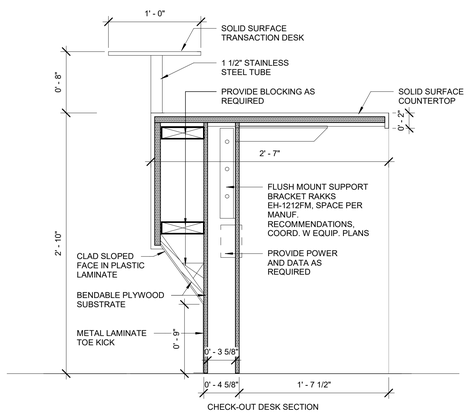
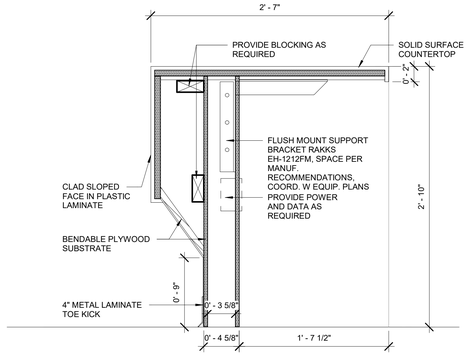
413-572-3226

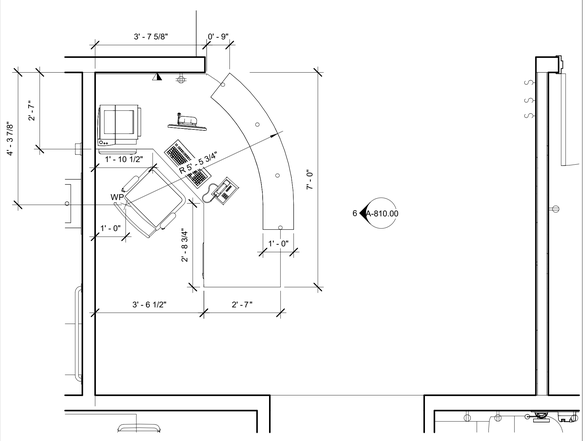


CHECK-OUT DESK SECTION

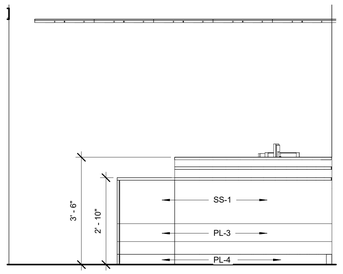


SECTION AT ACCESSIBLE DESK

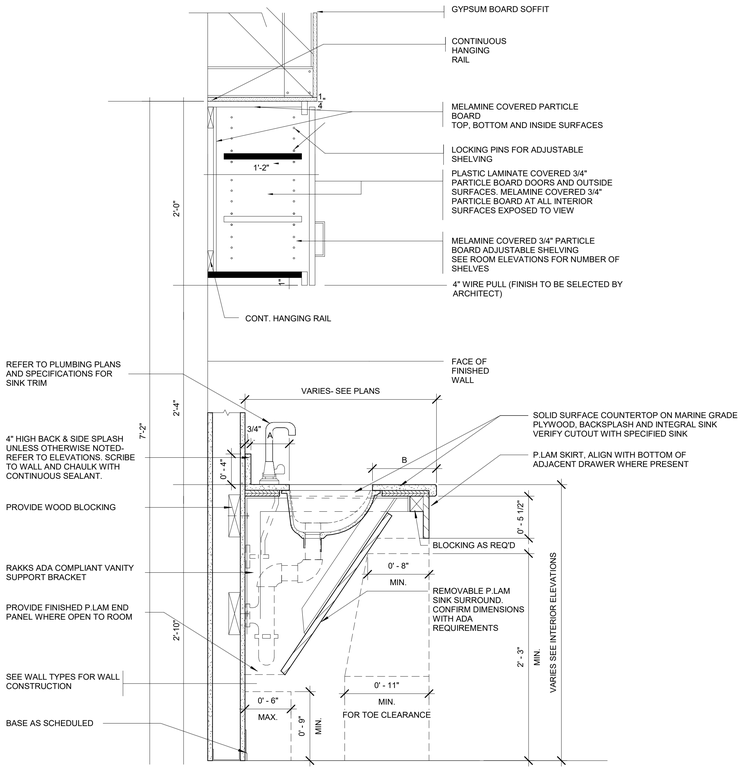
7 RECEPTION DESK SECTION DETAIL
1 1/2" = 1'-0"



5 RECEPTION DESK
1/2" = 1'-0"



6 ELEVATION- RECEPTION DESK
1/2" = 1'-0"



2 WALL AND SINK CABINETS
1 1/2" = 1'-0"

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

MILLWORK DETAILS

SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN L. GEDDIS · No. 013... · REGISTERED ARCHITECT

DATE:	04/04/25
PROJECT No:	9400
DRAWING BY:	TAP
CHK BY:	BG
WG No:	A-810.00

FINISH SCHEDULE KEY

GENERAL FINISH SPECIFICATIONS

MATERIALS		ABBREV.	DESCRIPTION	COLOR:	SIZE:	NOTES
FLOORING:						
Resilient Tile		RT-1	Noraplan Enviroincare Art. 2462	Snow Shoeing 7035	24"x24", 2mm THICK	Field Color
ALTERNATE TO FORBO		RT-2	Shaw Contract Mineral Floor	TBD	12" x 23" , 6.0mm	
Porcelain Tile		PCT-1	Daltile - Synchronic Colorbody Porcelain	Beige SY31 - Matte	12"x24"	Floor Tile; Install: Stacked Grout: Epoxy, Mapei 5039 Ivory Grout Joint 1/8"
Textile Flooring		TF-1	Forbo Flotex	Advance Code Pewter	20"x20"	
		TF-2	Forbo Flotex	Advance Code Nickel	20"x20"	
		TF-3	Forbo Flotex	TBD BY ARCHITECT	20"x20"	
BASE:						
Rubber Cove Base		RB-1	Johnsonite Millwork Inflection Profile	Grey Haze	5 1/4"	
		RB-2	Tarkett Traditional Wall Base	Grey Haze	4"	
Porcelain Tile		PCB-1	Daltile - Synchronic Colorbody Porcelain	Beige SY31 - Matte	Cove Base, P36C9 6"x12"	Tile Base - Grout: Epoxy, Mapei 5039 Ivory, Grout Joint 1/8"
WALLS:						
Porcelain Tile		PWT-1	Daltile - Synchronic Colorbody Porcelain	White SY30 - Matte	12"x24"	Toilet Wall Field; Install: Stacked; Grout: Epoxy, Mapei 5039 Ivory; Grout Joint 1/8"
		PWT-2	Daltile - Synchronic Colorbody Porcelain	White SY30 - Matte	3"x24" Bullnose, P43F9	
Wall Protection		CR-1	InPro Palladium Rub Rails		4" Rigid Vinyl	Coordinate height with chairs in...
		CR-2	Tarkett Millwork Chair Rail	Grey Haze Millwork Masquerade	4" Rampart CHR-XX-C	
		CG-1	InPro High Impact Corner Guard 150		4' Height, 3" wing size	
		WP-1	Wolf Gordon Sparta STONE	Color TBD, full range of colors	52" Roll Width	
Paint		PT-1-EG	Sherwin Williams	Snowbound SW7004		
F- Flat Paint		PT-2-EG	Sherwin Williams	Recycled Glass SW 7747		
EG - Eggshell		PT-3-EG	Sherwin Williams	Vast Sky SW 6506		
SG - Semigloss		PT-4-EG	Sherwin Williams	Impressive Ivory SW 7560		
G - Gloss		PT-5-SG	Sherwin Williams Pro Industrial HP Acrylic	Colonnade Gray SW 7641		Door Trim
MISCELLANEOU...						
Plastic Laminate		PL-1	Wilsonart	Handspun Chestnut 5036-38 - Fine...		Exam Rooms Upper Cabinets
		PL-2	Arborite	Chambray Vert - P404 CA		Exam Room Base Cabinets
		PL-3	Pionite	Honey Maple - WM951 Textured/Suede		Pods and Recpetion Desk
		PL-4	Wilsonart	Matte Natural Aluminum		Reception Desk Base
Solid Surface Countertop		SS-1	Corian	Whisper	Reception/transaction desktops	
		SS-2	Corian	Linen	Exam Room Counter Tops	
Cubicle Curtain		CC-1	Stinson	Spectrum Kaleidoscope	Provide 78" of cubicle curtain + 18" mesh above the cubicle curtain. Total length = 96"	Provide InPro Clickeze cubicle track. Hung track and grid track.
Window Treatments		WT-1	Mechoshade Roller Shade	Eurotwill 6200 Series, Sand 6204		

FINISH SCHEDULE - FIRST FLOOR

ROOM NUMBER	ROOM NAME	FLOORING	BASE	WALLS	DOOR TRIM	MILLWORK TOPS	MILLWORK FRONTS	CUBICLE CURTAIN	WINDOW TREATMENTS	NOTES
109	BH CHECK-IN	TF-1	RB-2	PT-1/PT-3	PT-5					
128	BH/CARE COORDINATOR CONSULT	TF-1/TF-2/TF-3	RB-2	PT-1/PT-3	PT-5					
105	BLOOD DRAW LAB	EXISTING TO REMAIN		EXISTING FINISHES TO REMAIN						
126	CLEAN STORAGE	RT-1	RB-2	PT-1	PT-5					
132	CORRIDOR	TF-1/TF-2/TF-3	RB-1	WP-1 LOWER WALL, PT ABOVE	PT-5					
133	CORRIDOR	TF-1/TF-2/TF-3	RB-1	WP-1 LOWER WALL, PT ABOVE	PT-5					
105A	LAB	EXISTING TO REMAIN		EXISTING FINISHES TO REMAIN						
132	NEGATIVE PRESSURE EXAM ROOM	RT-1	RB-2	PT-1	PT-5	SS-2				
127	NURSE MANAGER	TF-1/TF-2/TF-3	RB-2	PT-1/PT-3	PT-5					
122	PATIENT TOILET	PCT-1	PCB-1	PWT-1/PWT-2	PT-5					
123	PATIENT TOILET	PCT-1	PCB-1	PWT-1/PWT-2	PT-5					
108	PEDS WAITING	TF-1/TF-2	RB-1	EXISTING TO REMAIN						
117	POD 1	TF-3	RB-2	PT-TBD	PT-5				WT-1	
129	POD 1 CORRIDOR	TF-1/TF-2/TF-3	RB-1	WP-1 LOWER WALL	PT-5					
1	POD 1 EXAM ROOM 1	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
2	POD 1 EXAM ROOM 2	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
3	POD 1 EXAM ROOM 3	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
4	POD 1 EXAM ROOM 4	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
5	POD 1 EXAM ROOM 5	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
149	POD 2	TF-3	RB-2	PT-TBD	PT-5		PL-3		WT-1	
150	POD 2 BEHAVIORAL HEALTH	TF-1/TF-2/TF-3	RB-2	PT-1/PT-3	PT-5					
130	POD 2 CORRIDOR	TF-1/TF-2/TF-3	RB-1	WP-1 LOWER WALL	PT-5					
1	POD 2 EXAM ROOM 1	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
2	POD 2 EXAM ROOM 2	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
3	POD 2 EXAM ROOM 3	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
4	POD 2 EXAM ROOM 4	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
5	POD 2 EXAM ROOM 5	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
137	POD 3	TF-3	RB-2	PT-TBD	PT-5		PL-3		WT-1	
124	POD 3 & POD 4 CHECK OUT	TF-1/TF-2/TF-3	RB-1	PT-1/PT-2	PT-5	SS-1	PL-3			
138	POD 3 BEHAVIORAL HEALTH	TF-1/TF-2/TF-3	RB-2	PT-1/PT-3	PT-5					
131	POD 3 CORRIDOR	TF-1/TF-2/TF-3	RB-1	WP-1 LOWER WALL	PT-5					
1	POD 3 EXAM ROOM 1	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
2	POD 3 EXAM ROOM 2	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
3	POD 3 EXAM ROOM 3	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
4	POD 3 EXAM ROOM 4	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
5	POD 3 EXAM ROOM 5	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
133	POD 4	TF-3	RB-2	PT-TBD	PT-5		PL-3		WT-1	
131	POD 4 BEHAVIORAL HEALTH	TF-1/TF-2/TF-3	RB-2	PT-1/PT-3	PT-5					
134	POD 4 CORRIDOR	TF-1/TF-2/TF-3	RB-2	WP-1 LOWER WALL, PT ABOVE	PT-5					
1	POD 4 EXAM ROOM 1	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
2	POD 4 EXAM ROOM 2	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
3	POD 4 EXAM ROOM 3	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
4	POD 4 EXAM ROOM 4	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
5	POD 4 EXAM ROOM 5	RT-1	RB-2	PT-1, CR-1	PT-5	SS-2	PL-1/PL-2	CC-1		
125	STAFF TOILET	PCT-1	PCB-1	PWT-1/PWT-2	PT-5					
115	WIC CHECK-IN	EXISTING TO REMAIN		EXISTING TO REMAIN						
118	WIC ROOM #1	RT-1	RB-2	PT-1/PT-3	PT-5				WT-1	
119	WIC ROOM #2	RT-1	RB-2	PT-1/PT-3	PT-5				WT-1	
120	WIC ROOM #3	RT-1	RB-2	PT-1/PT-3	PT-5				WT-1	

Revision Schedule

Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects

Architecture. Planning. Interiors

19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

FINISH SCHEDULE AND KEY

SEAL & SIGNATURE

STATE OF CONNECTION · BRIAN T. GEDDIS · No. 013... · REGISTERED ARCHITECT

DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY: BG
DWG No: **A-900.00**

CORRIDOR FLOORING LEGEND
REFER TO FINISH SCHEDULE FOR SELECTIONS

2,478 SF OF FLOORING REPLACMENT
OPTION 1 FORBO FLOTEX
OPTION 2 RESILIENT FLOORING

3,022 SF OF NEW FLOORING
PATCH AND REPAIR SUBFLOOR AS NEEDED
OPTION 1 FORBO FLOTEX
OPTION 2 RESILIENT FLOORING

DN

U.C.
Refr.

Refrigerator/
Freezer

DN

1 PROPOSED FIRST FLOOR FINISH PLAN
1/4" = 1'-0"

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects

Architecture. Planning. Interiors

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53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

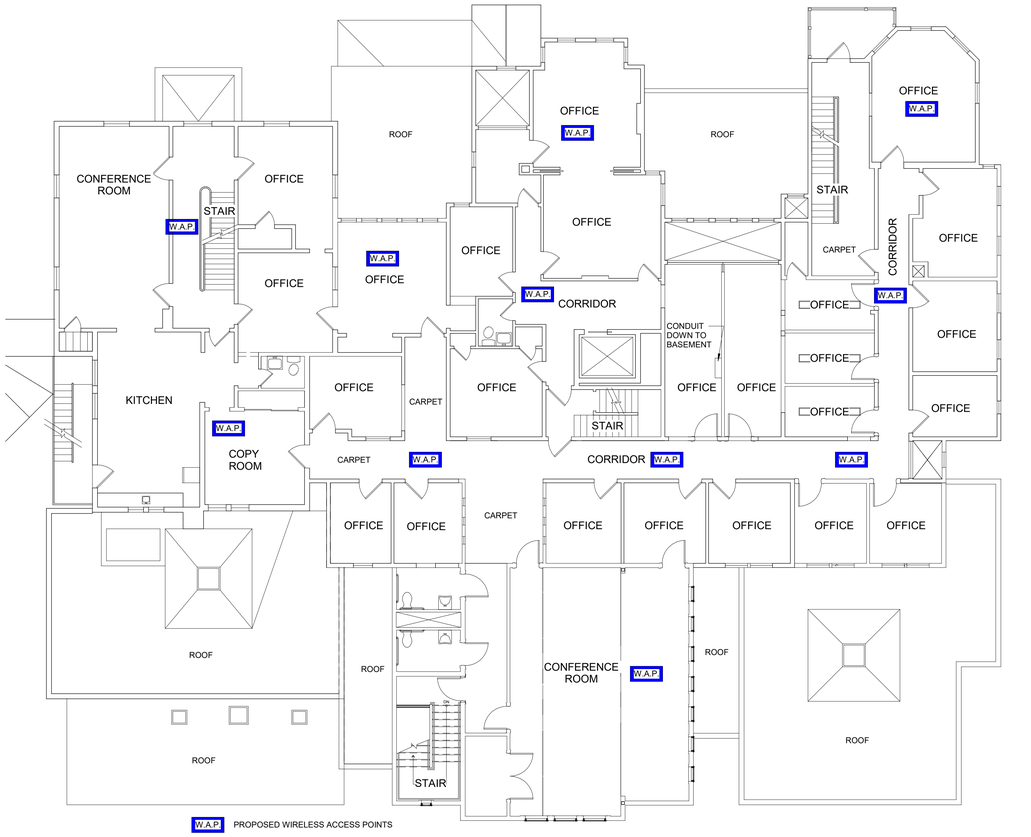
374 Grand Avenue, New Haven, CT 06513

PROPOSED FIRST FLOOR FLOORING REPLACEMENT

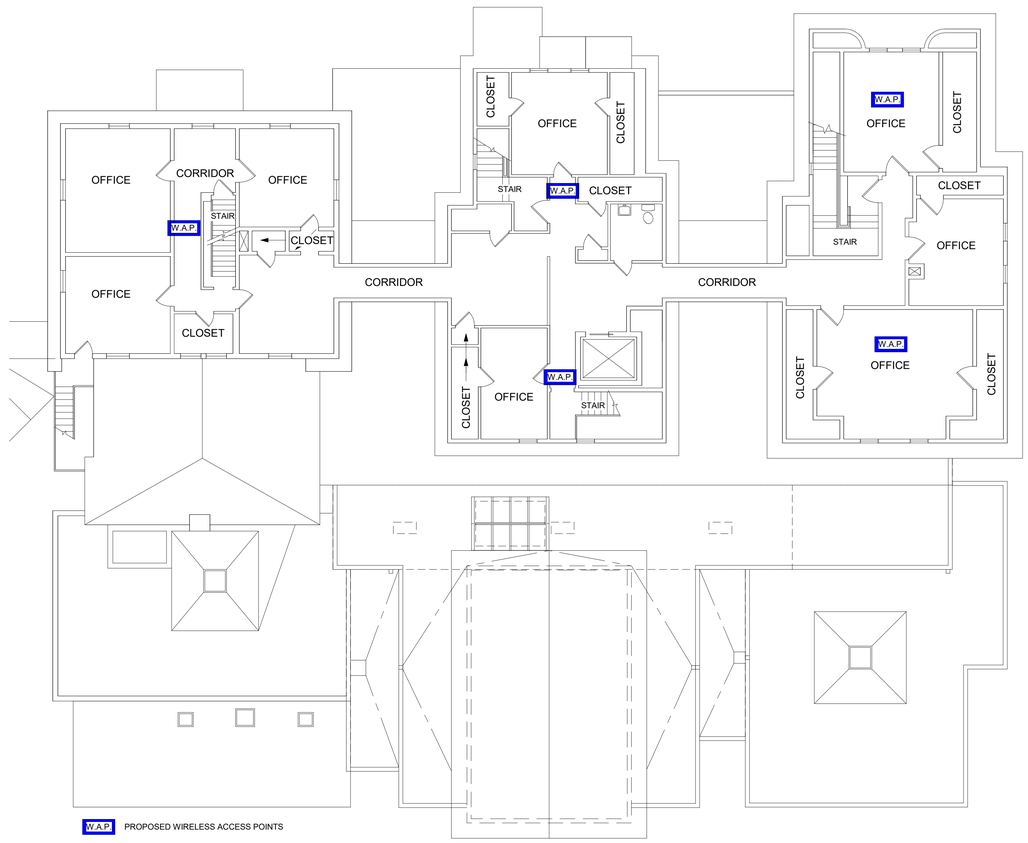
SEAL & SIGNATURE

STATE OF CONNECTICUT
TIMOTHY A. PAUL
No. 31378
LICENSED ARCHITECT

DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY: JB
DWG No:
A-901.00



1 102-Existing Second Floor
1/8" = 1'-0"



2 103-Existing Third Floor
1/8" = 1'-0"

Revision Schedule	
Date	Description
04/04/2025	ISSUED FOR BID

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Owner's Project Manager
Colliers Engineering Engineering and Design
Joseph Luciano
Sr. Construction Rep.
Madison, CT
203-415-4416

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

SECOND AND THIRD FLOOR WIRELESS ACCESS POINTS

SEAL & SIGNATURE

STATE OF CONNECTICUT · BRIAN L. GEDDIS · No. 31732 · LICENSED ARCHITECT

DATE: 04/04/25
PROJECT No: 9400
DRAWING BY: TAP
CHK BY: BG
DWG No:
LV-102.00

FIRE PROTECTION LEGEND

- (F) FIRE SERVICE PIPING
- (WS) WET SPRINKLER PIPE
- (SD) SPRINKLER DRAIN
- EXISTING PIPING TO BE REMOVED
- UPRIGHT SPRINKLER HEAD
- EXISTING SPRINKLER HEAD
- EXISTING SPRINKLER HEAD TO BE REMOVED
- PENDANT SPRINKLER HEAD
- SIDEWALL SPRINKLER HEAD
- DRY SIDEWALL SPRINKLER HEAD
- CAPPED PIPE
- ARROW INDICATES DIRECTION OF FLOW
- OS&Y VALVE WITH SUPERVISORY TAMPER SWITCH
- CHECK VALVE
- FS — FLOW SWITCH
- FLOOR CONTROL VALVE ASSEMBLY
- RISER CHECK VALVE WITH TRIM
- PUMP

ABBREVIATIONS

CAP	CAPPED PIPE
F	FIRE SERVICE PIPING
FCV	FLOOR CONTROL VALVE ASSEMBLY
FDC	FIRE DEPARTMENT CONNECTION
FPC	FIRE PROTECTION CONTRACTOR
FS	FLOW SWITCH
FTC	FIRE TEST CONNECTION
GC	GENERAL CONTRACTOR
LFPC	LIMIT OF FIRE PROTECTION CONTRACT
NTS	NOT TO SCALE
OSY	OS&Y VALVE WITH SUPERVISORY TAMPER SWITCH
RCV	RISE CHECK VALVE WITH TRIM
SD	SPRINKLER DRAIN
TYP	TYPICAL
WS	WET SPRINKLER PIPE

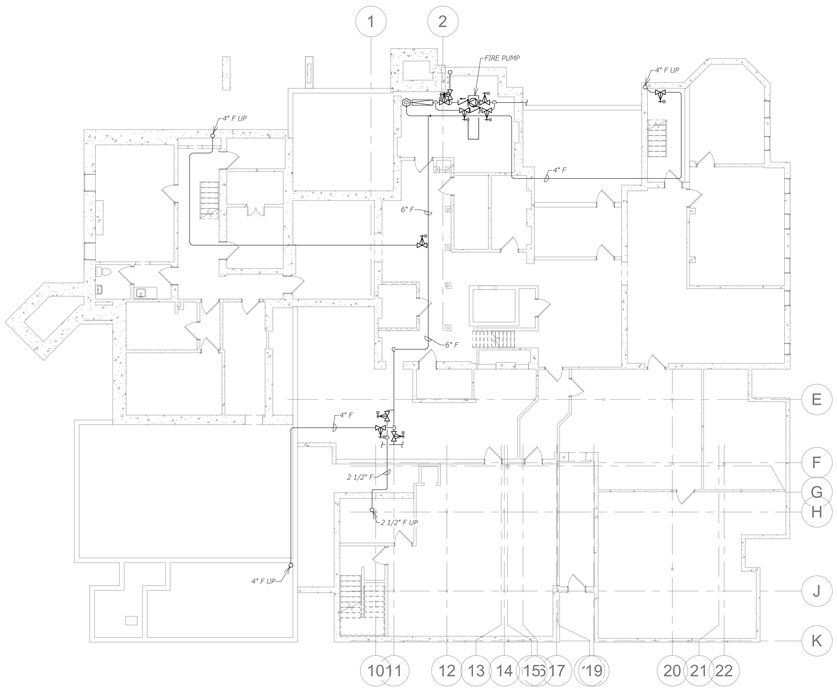
GENERAL NOTES

1. GENERAL NOTES ON THIS DRAWING ARE APPLICABLE TO ALL DRAWINGS IN THE FIRE PROTECTION SERIES OF DRAWINGS.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK.
3. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE FIRE PROTECTION SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED, AND AS REQUIRED BY APPLICABLE CODES AND REGULATIONS. SEE SPECIFICATIONS FOR REFERENCES.
4. COORDINATE ALL PIPING WORK WITH ALL TRADES INVOLVED IN THE PROJECT. PROVIDE OFFSETS AND TRANSITIONS IN PIPING TO AVOID OBSTRUCTIONS AND INTERFERENCES WITH EQUIPMENT AND PIPING OF OTHER TRADES AND FIELD CONDITIONS.
5. COORDINATE ALL REQUIRED OPENINGS THROUGH WALLS, FLOORS, AND CEILINGS WITH EQUIPMENT SHOP DRAWINGS OF OTHER TRADES, AND CORE AND SLEEVE THROUGH ANY FULL HEIGHT WALLS OR FLOORS AS REQUIRED TO RUN PIPING.
6. PROVIDE AND INSTALL PIPE SLEEVES FOR PIPING PASSING THRU OR UNDER CONCRETE GRADE BEAMS AND FOUNDATIONS. WHERE PASSING THROUGH BELOW-GRADE OR FOUNDATIONS, PROVIDE WATER-TIGHT LINK SEALS.
7. ALL FIRE PROTECTION PIPING WHICH PASSES THROUGH WALLS AND/OR FLOORS SHALL BE INSTALLED WITH A SLEEVE, SEALED AND INSULATED. PROVIDE WALL ESCUTCHEONS FOR EXPOSED PIPING PASSING THROUGH WALLS AS DETAILED.
8. INSTALL EQUIPMENT, AND SUPPORTS IN ACCORDANCE WITH ALL RELEVANT BUILDING CODES AND NFPA STANDARDS. SEE SPECIFICATIONS FOR REFERENCES.
9. ALL MATERIALS, METHODS AND EQUIPMENT INSTALLED SHALL BE IN COMPLIANCE WITH PROJECT SPECIFICATIONS, APPLICABLE CODES, AND NFPA STANARDS.
10. PREPARE PIPING FOR PAINTING UNDER DIVISION 09. PROVIDE TEMPORARY COVERS ON ALL SPRINKLER HEADS, OR AT THE CONTRACTORS OPTION PROVIDE TEMPORARY PLUGS IN SPRINKLER HEAD OUTLETS FOR REMOVAL AFTER PAINTING IS COMPLETE.

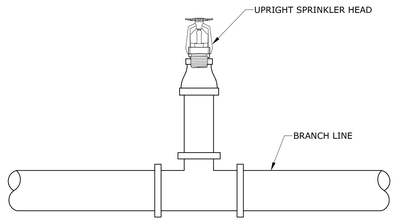
FIRE PROTECTION NOTES

1. SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY DESIGNED AND CALCULATED BY THE FIRE PROTECTION CONTRACTOR. THE FIRE PROTECTION CONTRACTOR SHALL SUBMIT ALL REQUIRED HYDRAULIC CALCULATIONS TO PROVE THE HYDRAULICALLY MOST REMOTE AREAS ARE BEING PROTECTED PER SYSTEM AND OCCUPANCY HAZARD. FABRICATION DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION AND INSURANCE UNDERWRITERS (IF REQUIRED) PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW. FABRICATION DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BEAR THE SEAL OF A QUALIFIED REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF CONNECTICUT. MAINTAIN A MINIMUM OF 10 PSI CUSHION BETWEEN REQUIRED PRESSURE AND AVAILABLE PRESSURE. COMPLY WITH ALL UNDERWRITERS' AND CODE AUTHORITIES REQUIREMENTS INCLUDING MAXIMUM WATER FLOW VELOCITY IN THE FIRE PROTECTION SYSTEM.
2. FOLLOW THE LATEST REQUIREMENTS OF NFPA, THE STATE'S BUILDING CODE AND ANY APPLICABLE AMENDMENTS, INSURANCE UNDERWRITERS', AND THOSE OF ANY CITY, STATE, OR FEDERAL AGENCY HAVING JURISDICTION OVER THIS PROJECT. SEE SPECIFICATIONS FOR REFERENCES.
3. PLANS INDICATE GENERAL SCOPE OF WORK. REFER TO CONTRACT DOCUMENTS AND SPECIFICATIONS FOR DETAILS ON ENTIRE SCOPE OF WORK. LOCATIONS OF SPRINKLER OUTLETS, BRANCH LINES AND FEED MAINS ARE DIAGRAMMATIC. THE DRAWINGS ARE NOT MEANT TO SHOW ALL OFFSETS AND PIPING ELEVATION CHANGES. THE CONTRACTOR SHALL VERIFY ALL NEEDED OFFSETS AND PIPE ELEVATIONS TO INSTALL THE PROPOSED SPRINKLER SYSTEM.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE WORK WITH THAT OF ALL OTHER TRADES. THE INSTALLING CONTRACTOR SHALL COORDINATE ALL WORK TO THE EXISTING AND/OR NEW FIELD CONDITIONS.
5. ANY INTERFERENCE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF WORK. ANY SIZES OF NEW PIPING SHOWN ON THE PLAN ARE MEANT TO BE A GUIDE FOR ESTIMATING THE WORK.
6. THE CONTRACTOR SHALL PERFORM HYDRAULIC CALCULATIONS TO VERIFY PIPE SIZES ARE ADEQUATE TO PROVIDE THE NECESSARY SYSTEM DEMANDS.
7. PROVIDE OR COMMISSION A NEW HYDRANT FLOW TEST AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND NFPA. USE THE RESULTS OF THE NEW HYDRANT FLOW TEST TO HYDRAULICALLY DESIGN THE SPRINKLER SYSTEMS WITHIN THE BUILDINGS.
8. SPRINKLER HEAD LAYOUTS SHOWN ARE PRELIMINARY AND FOR BIDDING PURPOSES ONLY TO ACCOUNT FOR A MINIMUM QUANTITY OF SPRINKLER HEADS, FINAL SPRINKLER HEAD AND PIPING LAYOUTS SHALL BE THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR. HEAD LAYOUTS AND LOCATIONS SHALL BE ADJUSTED ACCORDINGLY TO MEET ALL DESIGN, COORDINATION, AND CODE REQUIREMENTS.
9. PREPARE FIRE PROTECTION SYSTEM IMPAIRMENT PLANS AND SUBMIT TO THE GENERAL CONTRACTOR, OWNER, AND THE AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK. SURVEY AND DOCUMENT AFFECTED AREAS TO DETERMINE THE SCOPE AND DURATION OF FIRE PROTECTION SYSTEM IMPAIRMENTS, INCLUDING POTENTIAL INCONVENIENCES. CONSULT WITH THE GENERAL CONTRACTOR, THE OWNER'S REPRESENTATIVE, AND THE AUTHORITY HAVING JURISDICTION REGARDING THE PLANNED PROCEDURES. SUBMIT THE APPROVED PLAN TO THE ENGINEER FOR RECORD.
10. DESIGN CRITERIA:

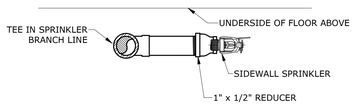
LH — AUTOMATIC SPRINKLER SYSTEMS IN AREAS OF LIGHT HAZARD OCCUPANCY SHALL BE DESIGNED WITH A MINIMUM DESIGN DENSITY OF .10 GPM PER SQUARE FOOT OVER THE HYDRAULICALLY MOST REMOTE 1500 SQUARE FEET. MAXIMUM PROTECTION AREA PER SPRINKLER HEAD SHALL BE 225 SQUARE FEET FOR UPRIGHT AND PENDENT SPRINKLER HEADS, AND 196 FEET FOR SIDEWALL SPRINKLER HEADS. PROVIDE A 100 GPM OUTSIDE HOSE ALLOWANCE. LIGHT HAZARD AREAS INCLUDE OFFICES, OPEN OFFICE AREAS, CONFERENCE ROOMS, RECEPTION AREAS, AND SIMILAR AREAS.



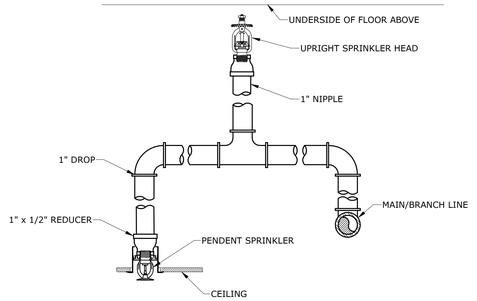
FIRE PROTECTION BASEMENT PLAN (FOR REFERENCE ONLY)
SCALE: 3/32" = 1'-0"



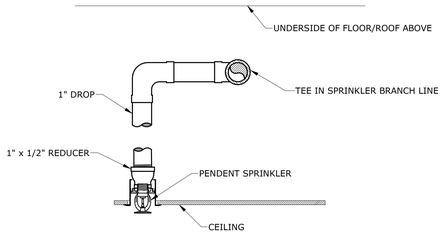
UPRIGHT SPRINKLER HEAD PIPING
SCALE: N.T.S.



SIDEWALL SPRINKLER
SCALE: N.T.S.



UP AND DOWN SPRINKLER CONNECTION
SCALE: N.T.S.



PENDENT SPRINKLER CONNECTION (RECESSED)
SCALE: N.T.S.

Revision Schedule

Date	Description

STATE OF CONNECTICUT — JASON CURTIS — 27455 — LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT — JASON CURTIS — 30072 — LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

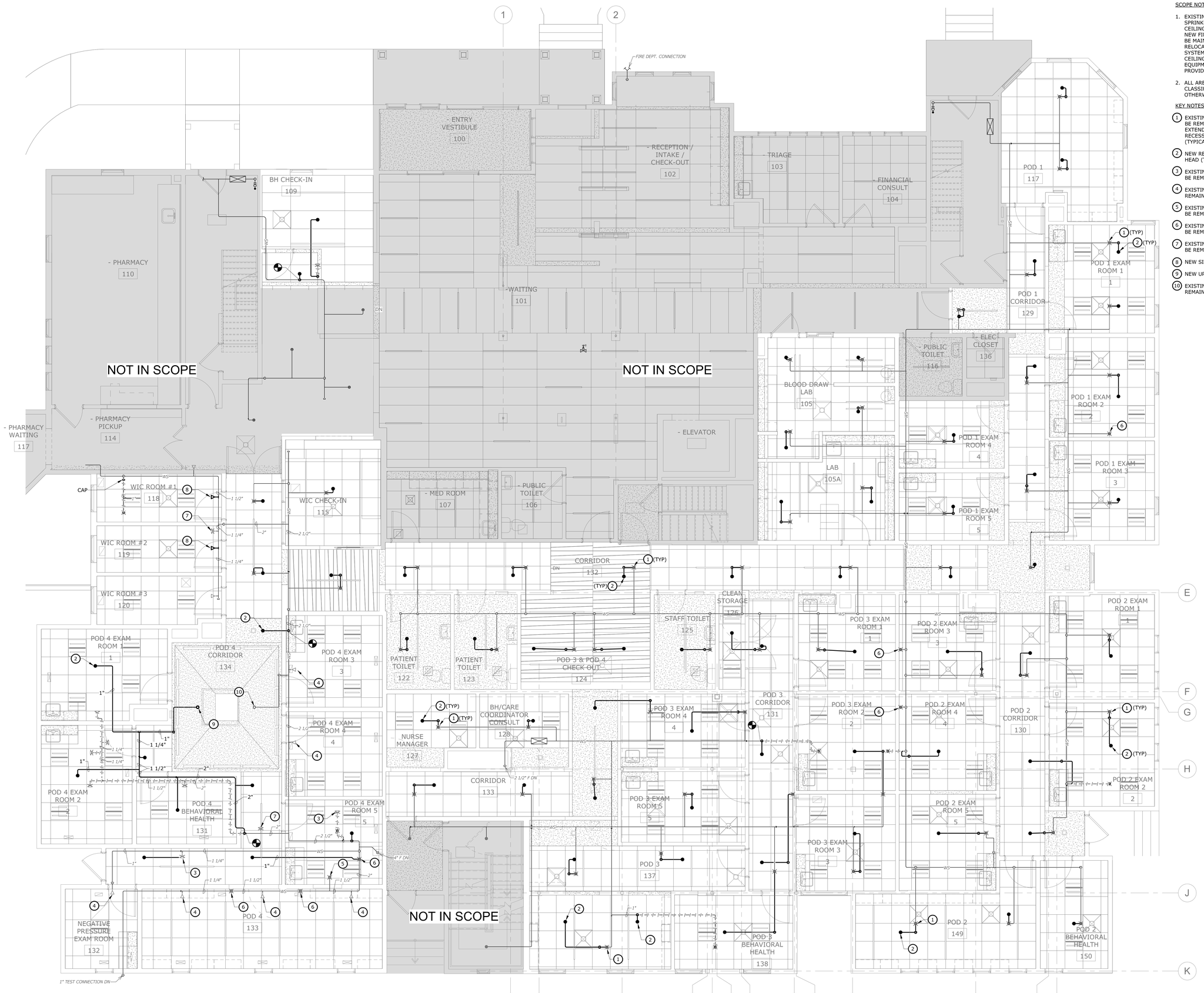
1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

FIRE PROTECTION GENERAL NOTES AND LEGEND

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: WAL
CHK BY: DCW
DWG No: **FP-001**



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

SCOPE NOTE:

1. EXISTING SYSTEM OF UPRIGHT SPRINKLERS LOCATED IN COMBUSTIBLE CEILING CAVITIES LOCATED ABOVE THE NEW FINISHED CEILING MATERIALS SHALL BE MAINTAINED AND PROTECTED. RELOCATION OF EXISTING UPRIGHT SYSTEM SHALL BE PROVIDED TO SUIT NEW CEILING AREAS AND WHERE NEW EQUIPMENT AND DUCTWORK IS TO BE PROVIDED.
2. ALL AREAS ARE LH OCCUPANCY CLASSIFICATION UNLESS NOTED OTHERWISE.

KEY NOTES:

1. EXISTING PENDANT SPRINKLER HEAD TO BE REMOVED, FROM THIS LOCATION, EXTEND NEW SPRINKLER PIPING TO NEW RECESSED PENDANT SPRINKLER HEAD (TYPICAL).
2. NEW RECESSED PENDANT SPRINKLER HEAD (TYPICAL).
3. EXISTING SIDEWALL SPRINKLER HEAD TO BE REMOVED (TYPICAL).
4. EXISTING SIDEWALL SPRINKLER HEAD TO REMAIN (TYPICAL).
5. EXISTING UPRIGHT SPRINKLER HEAD TO BE REMOVED (TYPICAL).
6. EXISTING UPRIGHT SPRINKLER HEAD TO BE REMOVED AND CAPPED.
7. EXISTING SIDEWALL SPRINKLER HEAD TO BE REMOVED AND CAPPED.
8. NEW SIDEWALL SPRINKLER HEAD.
9. NEW UPRIGHT SPRINKLER HEAD.
10. EXISTING UPRIGHT SPRINKLER HEAD TO REMAIN.

Revision Schedule

Date	Description

STATE OF CONNECTICUT · JASON URSO · 27455 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

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FIRE PROTECTION FIRST FLOOR PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: WAL
CHK BY: DCW
DWG No: **FP-101**

GENERAL SYMBOLS

THICK, DARK SOLID LINES INDICATE NEW ITEMS

THIN, LIGHT LINES INDICATE EXISTING ITEMS

EQUIPMENT, STRUCTURES, PIPING AND/OR CONDUIT TO BE DEMOLISHED

POINT OF NEW CONNECTION TO EXISTING UTILITY

PIPING SYSTEMS

(CW) DOMESTIC COLD WATER PIPE

(HW) DOMESTIC HOT WATER PIPE

(HWR) DOMESTIC HOT WATER RETURN PIPE

(V) VENT PIPE

(SAN / W) SANITARY PIPE OR WASTE PIPE

ABBREVIATIONS

A/C	ABOVE CEILING	HWR	HOT WATER RETURN
AD	ACCESS DOOR	INV	INVER ELEVATION (BOTTOM OF PIPE)
AFF	ABOVE FINISHED FLOOR	LV	LVLAVATORY
AFG	ABOVE FINISHED GRADE	MS	MOP SINK
AR	ACID RESISTANT	NC	NORMALLY CLOSED
B/C	BELOW COUNTER	NG	NATURAL GAS
BDT	BELOW DECK THERMOSTATIC	NIC	NOT IN CONTRACT
BFP	BACKFLOW PREVENTER	NO	NORMALLY OPEN
B/F	BELOW FLOOR	OSY	OUTSIDE SCREW AND YOKE
B/G	BELOW GRADE	PP	POLYPROPYLENE
BOP	BOTTOM OF PIPE	PRO	PROPANE GAS
CI	CAST IRON	PVC	POLYVINYL CHLORIDE
CO	CLEANOUT	SAN	SANITARY OR WASTE
CPVC	CHLORINATED POLYVINYL CHLORIDE	SD	STORM DRAIN
CW	COLD WATER	SS	STAINLESS STEEL
CS	COUNTER SINK	TBD	TO BE DETERMINED
DCO	DANDY CLEANOUT	TD	TRENCH DRAIN
DI	DUCTILRE IRON	TOP	TOP OF PIPE
DWH	DOMESTIC WATER HEATER	TP	TRAP PRIMER
ES	EMERGENCY SHOWER	TW	TEMPERED WATER
EW	EMERGENCY EYEWASH	TWR	TEMPERED WATER RETURN
FD	FLOOR DRAIN	UR	URINAL
FF	FINISHED FLOOR	V	VENT
FS	FLOOR SINK	VIF	VERIFY IN FIELD
GC	GENERAL CONTRACTOR	W	WASTE
HB	HOSE BIBB	WC	WATER CLOSET
HC	HANDICAPPED	WH	WALL HYDRANT
HD	HUB DRAIN	WST	WATER STORAGE TANK
HW	HOT WATER		

GENERAL DEMOLITION NOTES

1. IT IS NOT THE INTENT OF THESE DOCUMENTS TO SHOW EVERY DEVICE, APPURTENANCE, PIPE, WIRE OR CONDUIT TO BE REMOVED. PLUMBING EQUIPMENT, UNITS AND SYSTEMS NOT BEING REUSED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ASSOCIATED HANGERS, SUPPORTS, BASES, PADS, PIPES, CONDUITS, WIRES, INSULATION AND CONTROLS BACK TO THE POINT OF ORIGIN.
2. EQUIPMENT, PIPING, OR CONDUIT SHALL NOT BE ABANDONED IN-PLACE UNLESS SPECIFICALLY NOTED.
3. PROPERLY DISPOSE OF DEMOLISHED EQUIPMENT IN COMPLIANCE WITH CODES, REGULATIONS, AND DEP STANDARDS. INVENTORY, SALVAGE AND TURN OVER OR DISPOSE OF EQUIPMENT AT DIRECTION OF OWNER.
4. RELOCATE EXISTING EQUIPMENT, DEVICES, PIPING WIRING, AND RELATED SYSTEMS AS REQUIRED FOR CONSTRUCTION PURPOSES. ALL EXISTING SYSTEMS SHALL BE MADE FULLY OPERATIONAL, INCLUDING RECONNECTION TO SERVICES AND UPGRADED SYSTEMS. ALL EXISTING EQUIPMENT TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.
5. INCLUDE ALL WORK REQUIRED FOR PHASED CONSTRUCTION WHEN NECESSARY TO MAINTAIN SYSTEM OPERATION TO OCCUPIED AREAS. COORDINATE WITH OWNER FOR PHASING REQUIREMENTS.
6. ALL EXISTING EQUIPMENT, FIXTURES, AND DEVICES TO BE REMOVED AND RELOCATED SHALL BE FIELD VERIFIED FOR QUANTITY AND CONDITION. KEEP AN ACCURATE RECORD OF STORED EQUIPMENT INCLUDING CONDITION.
7. SYSTEMS REQUIRED TO REMAIN IN OPERATION DURING DEMOLITION SHALL BE CAREFULLY PROTECTED FROM DAMAGE AND CONTAMINATION BY THE CONSTRUCTION PROCESS.
8. THE DRAWINGS INDICATE APPROXIMATE LOCATIONS BASED UPON INFORMATION OBTAINED WITHOUT REMOVING CEILING TILES OR WALLS. THEREFORE, THE CONTRACTOR SHALL INCLUDE IN THEIR BID CONTINGENCY COSTS TO ADDRESS CONFLICTS BETWEEN DESIGN AND EXISTING CONDITIONS. ANY CHANGES AND/OR MODIFICATIONS MUST BE REVIEWED AND APPROVED BY THE ENGINEER AND/OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.

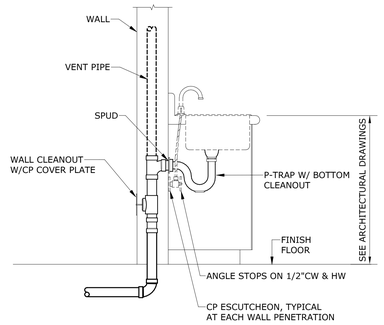
PIPING SYMBOLS

BACKFLOW PREVENTER
BUTTERFLY VALVE
BUTTERFLY VALVE WITH MEMORY STOP
PRESSURE REDUCING VALVE
CHECK VALVE
BALANCING VALVE
GATE VALVE
DRAIN VALVE WITH HOSE CONNECTION
COMBINATION BALANCING AND SHUT-OFF VALVE
COMBINATION FLOWMETER/SHUT OFF/BALANCING VALVE (CIRCUIT SETTER)
THERMOSTATIC MIXING VALVE
GAS COCK
BALL VALVE
BALL VALVE WITH MEMORY STOP
PLUG VALVE
GLOBE VALVE
METER
PRESSURE RELIEF VALVE
PRESSURE REDUCING VALVE
STRAINER
PRESSURE GAUGE
PUMP
SHOCK ABSORBER
THERMOMETER
VACUUM BREAKER
EXPANSION JOINT
PIPE ANCHOR

PIPE RISER UP
PIPE RISER DOWN
RISE (DOUBLE LINE - PLAN VIEW)
DROP (DOUBLE LINE - PLAN VIEW)
TEE DOWN
TEE UP
UNION OR FLANGE (AS INDICATED BY PIPE SIZE - SEE SPEC.)
BLIND FLANGE
END CAP
IN-LINE CLEANOUT
END OF LINE CLEANOUT
FLOOR LEVEL CLEANOUT
WASTE & TRAP
PIPE BREAK (DOUBLE LINE)
PIPE BREAK (SINGLE LINE)
DIRECTION OF FLOW IN PIPE
WYE
WYE PLUS ONE EIGHTH BEND
45° MITERED ELBOW
45° RADIUSED ELBOW
SANITARY TEE
MITERED TEE
90° RADIUSED ELBOW
90° MITERED ELBOW
WALL HYDRANT
HOSE BIB
TEMPERATURE GAUGE WITH THERMOWELL

GENERAL NOTES

1. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK.
2. PROVIDE ALL REQUIRED MATERIALS, LABOR, EQUIPMENT, AND SERVICES NECESSARY FOR THE INSTALLATION OF THE WORK AS SHOWN ON THESE DRAWINGS OR AS INDICATED IN THE PROJECT SPECIFICATIONS.
3. ALL MATERIALS, METHODS, SUPPORTS, AND EQUIPMENT INSTALLED MUST BE IN COMPLIANCE WITH PROJECT SPECIFICATIONS AND APPLICABLE CODES.
4. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. PROVIDE OFFSETS AND TRANSITIONS IN PIPING TO AVOID OBSTRUCTIONS AND INTERFERENCES WITH FIELD CONDITIONS. OBTAIN APPROVAL FROM ENGINEER PRIOR TO MAJOR RELOCATIONS OR INSTALLATION SIGNIFICANT OFFSETS (MORE THAN 6 IN A SINGLE PIPING SYSTEM).
5. PLUMBING DRAWINGS DO NOT SHOW ALL CONDITIONS AND SYSTEMS OF THE BUILDING. CONTRACTOR SHALL USE ALL DRAWINGS AND SPECIFICATIONS OF CONTRACT DOCUMENTS FOR COORDINATION AND SHALL VERIFY FIELD CONDITIONS.
6. COORDINATE LOCATIONS OF EQUIPMENT AND SYSTEMS WITH OTHER TRADES BEFORE AND DURING CONSTRUCTION. ANY MODIFICATIONS REQUIRED THAT RESULT FROM A LACK OF COORDINATION SHALL BE PERFORMED AT NO ADDITIONAL COST.
7. INSTALL ALL PIPING AS CLOSE TO THE UNDERSIDE OF DECK AS POSSIBLE UNLESS NOTED OTHERWISE.
8. UNLESS OTHERWISE SPECIFIED OR INDICATED ON DRAWINGS, ALL HORIZONTAL STORM DRAIN AND SANITARY SEWER PIPING SHALL BE INSTALLED AT THE MINIMUM SLOPE OF: 2-1/2" PIPING AND SMALLER - 1/4" PER FOOT (2%), 3" TO 6" PIPING - 1/8" PER FOOT (1%), 8" PIPING AND LARGER - 1/16" PER FOOT (0.5%).
9. COORDINATE ALL PENETRATIONS THROUGH WALLS, FLOORS, AND THE ROOF WITH THE GENERAL CONTRACTOR AND OTHER TRADES.
10. CORE THROUGH FLOORS AND FULL HEIGHT WALLS AS REQUIRED TO INSTALL PIPING.
11. ALL PLUMBING PIPING WHICH PASSES THROUGH WALLS, FLOORS, AND FOUNDATIONS SHALL BE INSTALLED WITH A SLEEVE, SEALED AND INSULATED. PROVIDE WALL ESCUTCHEONS FOR EXPOSED PIPING PASSING THROUGH WALLS.
12. FIRE SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS.
13. PROVIDE ISOLATION VALVES AND BYPASS PIPING ON DOMESTIC WATER PIPING AS REQUIRED TO ISOLATE THE PIPING IN THE WORK AREA FROM THE REST OF THE BUILDING THAT WILL REMAIN OPERATIONAL. VERIFY THAT THE VALVES WILL NOT INHIBIT THE SERVICES TO AREAS REMAINING OPERATIONAL.



CASEWORK/COUNTER SINK
SCALE: N.T.S.

PLUMBING FIXTURE SCHEDULE

GENERAL NOTES:
1. ALL PLUMBING FIXTURES SHALL BE IAPMO LISTED.
2. C.P. = CHROME PLATED

TAG ID	FIXTURE TYPE	SIZE & DESCRIPTION	MATERIAL/ COLOR	MOUNTING HEIGHT	CONNECTION SIZES (IN)				MANUFACTURER	MODEL	CARRIER OR HANGER			FAUCET OR VALVE			MANUFACTURER			NOTES
					CW	HW	DRAIN	VENT			TYPE	MANUFACTURER/ MODEL	NOTES	TYPE	MANUFACTURE/ MODEL	NOTES	TYPE	MANUFACTURER/ MODEL	NOTES	
P-1	WATER CLOSET - FLOOR MOUNTED	ELONGATED, TWO-PIECE	VIT. CHINA, WHITE	FLOOR MOUNTED	1/2"	0"	3"	2"	KOHLER	K-3999	-	-	-	-	-	-	OPEN FRONT SEAT, WHITE, LESS COVER	CENTOCO #500CC	SOLID PLASTIC ANTI-MICROBIAL	PROVIDE C.P. WALL ESCUTCHEON
P-2	LAVATORY - WALL HUNG	21-1/4"L X 18-1/8"W	VIT. CHINA, WHITE	BY ARCHITECT	1/2"	1/2"	1 1/2"	1 1/2"	KOHLER	K-2005	FLOOR MOUNTED CONCEALED ARM	JOSAM #17100	-	LAVATORY FAUCET	SYMMONS #S-20-0-W-0.50	0.50 GPM	-	-	-	PROVIDE C.P. LOOSE KEY ANGLE STOPS, C.P. FLEXIBLE TUBE RISERS, 1-1/2" C.P. P-TRAP, C.P. OFFSET TAIL PIECE, C.P. WALL ESCUTCHEONS, AND C.P. GRID DRAIN, SUPPLY INSULATION ON STOPS AND WASTE. PROVIDE WITH TRUEBRO LAV GUARD INSULATION. PROVIDE WITH WATTS LFMMV-US-M1 THERMOSTATIC MIXING VALVE.
P-3	HAND SINK	16" X 18 1/2" X 7 7/8" UNDERMOUNT SINK	304 STAINLESS STEEL, 18 GS	BY ARCHITECT	1/2"	1/2"	1 1/2"	1 1/2"	ELKAY	ELUH1316	-	-	-	FAUCET	SYMMONS #S-245-LWG-1.5-5	1.50 GPM	-	-	-	PROVIDE C.P. LOOSE KEY ANGLE STOPS, C.P. FLEXIBLE TUBE RISERS, 1-1/2" C.P. P-TRAP, C.P. OFFSET TAIL PIECE, C.P. WALL ESCUTCHEONS, AND C.P. GRID DRAIN, SUPPLY INSULATION ON STOPS AND WASTE. PROVIDE WITH TRUEBRO LAV GUARD INSULATION. PROVIDE WITH WATTS LFMMV-US-M1 THERMOSTATIC MIXING VALVE.

Revision Schedule

Date	Description

STATE OF CONNECTICUT · JASON CURTIS · 27455 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

PLUMBING GENERAL NOTES AND LEGENDS

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: WAL
CHK BY: KDP
DWG No: **P-001**

KEY NOTES:

(1) TO BE DEMOLISHED:
1/2" CW UP
1 1/2" W UP
1/2" HW UP

1/2" CW
1/2" HW
1/2" HW UP
1/2" CW UP
1 1/2" W UP
1 1/2" W
1/2" CW
1/2" HW
EXISTING GAS FIRED DOMESTIC WATER HEATER TO REMAIN
4" SAN DN
2" W
1/2" HW UP
2" W UP
1/2" CW UP
3" SAN
3" SAN UP
1/2" HW UP
2" W UP
1/2" CW UP
1/2" CW
1/2" HW
2" W
1/2" CW
1/2" HW
2" W
1/2" HW UP
2" W UP
1/2" CW UP
3" W
3" W
3" SAN
2" W
1 1/2" W
3" W
1/2" HW
1/2" HW
2" V UP
EXISTING GAS FIRED DOMESTIC WATER HEATER TO REMAIN
4" SAN
3" W
1 1/2" W
2" W UP
1/2" HW UP
1/2" CW UP
1/2" HW UP
1/2" CW UP
3" W
4" SAN
4" SAN
3" SAN UP
4" SAN
3/4" CW
3/4" HW
2" V UP
3" SAN UP
2" SAN
2" W UP
1/2" CW
1/2" HW
2" W
3" W

1 2 E F G H J K

10 11 12 13 14 15 16 17 18 19 20 21 22

PLUMBING DEMOLITION BASEMENT PLAN
SCALE: 1/4" = 1'-0"

Revision Schedule	
Date	Description

STATE OF CONNECTICUT
JASON URSO
27455
LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT
JASON CURTIS
30072
LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

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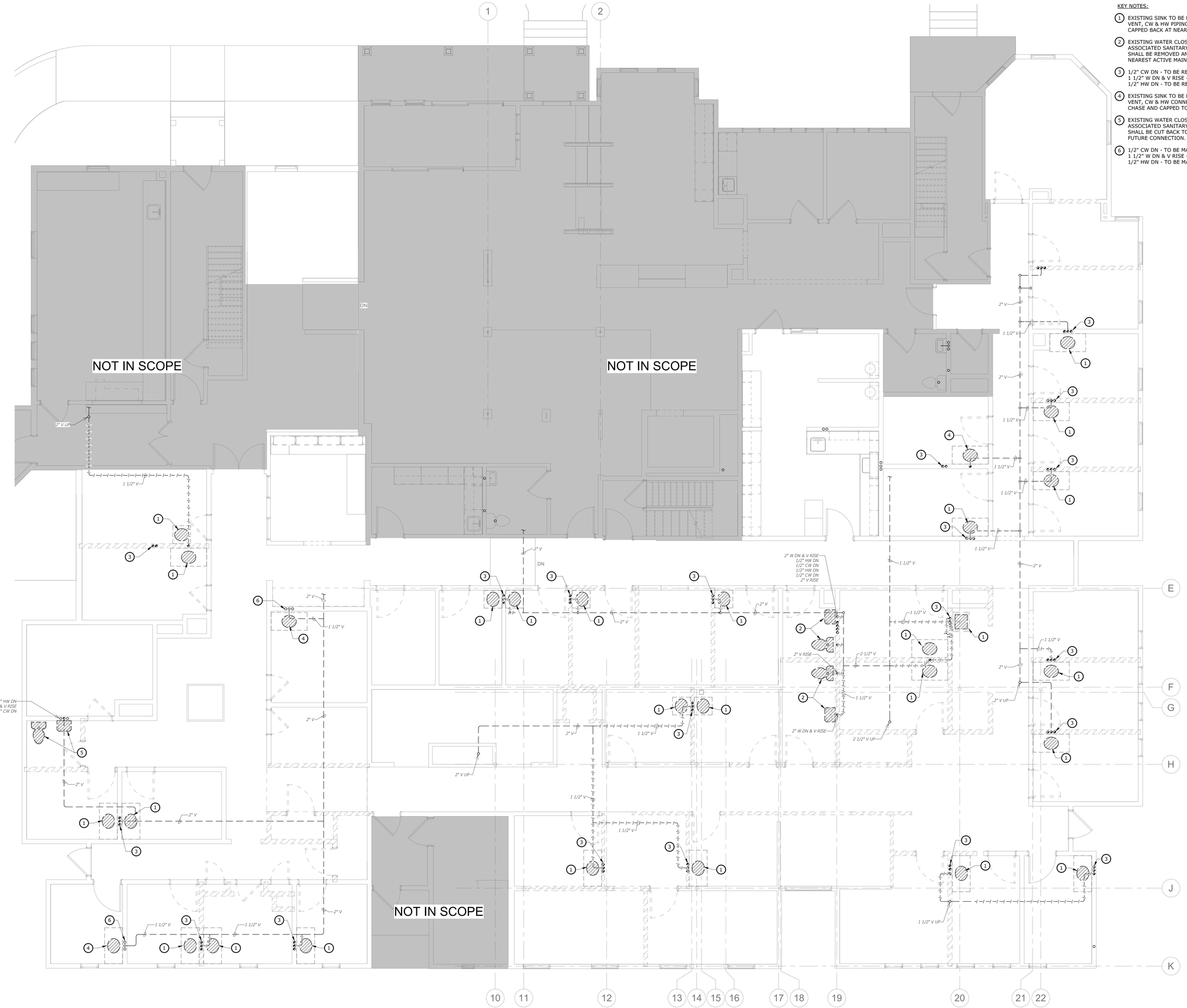
PLUMBING DEMOLITION BASEMENT FLOOR PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: WAL
CHK BY: KDP
DWG No:
PD-100



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

KEY NOTES:

1. EXISTING SINK TO BE REMOVED, ASSOCIATED WASTE, VENT, CW & HW PIPING SHALL BE REMOVED AND CUT AND CAPPED BACK AT NEAREST ACTIVE MAIN.
2. EXISTING WATER CLOSET & LAVATORY TO BE REMOVED, ASSOCIATED SANITARY, WASTE, VENT, CW & HW PIPING SHALL BE REMOVED AND CUT BACK AND CAPPED AT NEAREST ACTIVE MAIN.
3. 1/2" CW DN - TO BE REMOVED
   1 1/2" W DN & V RISE - TO BE REMOVED
   1/2" HW DN - TO BE REMOVED
4. EXISTING SINK TO BE REMOVED, ASSOCIATED WASTE, VENT, CW & HW CONNECTIONS SHALL BE CUT BACK TO CHASE AND CAPPED TO ALLOW FOR FUTURE CONNECTION.
5. EXISTING WATER CLOSET & LAVATORY TO BE REMOVED, ASSOCIATED SANITARY, WASTE, VENT, CW & HW PIPING SHALL BE CUT BACK TO CHASE AND CAPPED TO ALLOW FOR FUTURE CONNECTION.
6. 1/2" CW DN - TO BE MAINTAINED & PROTECTED
   1 1/2" W DN & V RISE - TO BE MAINTAINED & PROTECTED
   1/2" HW DN - TO BE MAINTAINED & PROTECTED

Revision Schedule	
Date	Description

STATE OF CONNECTICUT · JASON URSO · 27455 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

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04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
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PLUMBING DEMOLITION FIRST FLOOR PLAN

SEAL & SIGNATURE

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PD-101

PLUMBING BASEMENT PLAN
SCALE: 1/4" = 1'-0"

Revision Schedule	
Date	Description

STATE OF CONNECTICUT · JASON CURTIS · 27455 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

Geddis Architects

Architecture. Planning. Interiors

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PLUMBING BASEMENT FLOOR PLAN

SEAL & SIGNATURE	DATE: 04/04/25
	PROJECT No: F5050
	DRAWING BY: WAL
	CHK BY: KDP
	DWG No: **P-100**

KEY NOTES:

1. 1/2" CW DN
   1 1/2" W DN & V RISE
   1/2" HW DN
2. EXTEND NEW 1/2" CW, 1/2" HW, 1 1/2" W, AND 1 1/2" VENT TO EXISTING RISER LOCATION.
3. 2" V DN & RISE
4. 1/2" CW DN

- ENTRY VESTIBULE 100
- RECEPTION / INTAKE / CHECK-OUT 102
- TRIAGE 103
- FINANCIAL CONSULT 104
- POD 1 117
- BH CHECK-IN 109
- PHARMACY 110
- WAITING 101
- POD 1 CORRIDOR 129
- POD 1 EXAM ROOM 1 1
- POD 1 EXAM ROOM 2 2
- POD 1 EXAM ROOM 3 3
- POD 1 EXAM ROOM 4 4
- POD 1 EXAM ROOM 5 5
- PUBLIC TOILET 116
- ELEC CLOSET 136
- BLOOD DRAW LAB 105
- LAB 105A
- NOT IN SCOPE
- PHARMACY WAITING 117
- PHARMACY PICKUP 114
- ELEVATOR
- WIC ROOM #1 118
- WIC CHECK-IN 115
- MED ROOM 107
- PUBLIC TOILET 106
- WIC ROOM #2 119
- WIC ROOM #3 120
- CORRIDOR 132
- CLEAN STORAGE 126
- POD 3 EXAM ROOM 1 1
- POD 2 EXAM ROOM 3 3
- POD 2 EXAM ROOM 1 1
- POD 4 EXAM ROOM 1 1
- POD 4 CORRIDOR 134
- PATIENT TOILET 122
- PATIENT TOILET 123
- POD 3 & POD 4 CHECK OUT 124
- STAFF TOILET 125
- POD 4 EXAM ROOM 3 3
- NURSE MANAGER 127
- BH/CARE COORDINATOR CONSULT 128
- POD 3 CORRIDOR 131
- POD 2 EXAM ROOM 4 4
- POD 2 CORRIDOR 130
- POD 2 EXAM ROOM 2 2
- POD 4 EXAM ROOM 4 4
- POD 3 EXAM ROOM 4 4
- POD 4 EXAM ROOM 2 2
- POD 4 BEHAVIORAL HEALTH 131
- CORRIDOR 133
- POD 3 EXAM ROOM 2 2
- POD 3 EXAM ROOM 5 5
- POD 4 EXAM ROOM 5 5
- POD 3 EXAM ROOM 3 3
- POD 2 EXAM ROOM 5 5
- POD 3 137
- NEGATIVE PRESSURE EXAM ROOM 132
- POD 4 133
- NOT IN SCOPE
- POD 3 BEHAVIORAL HEALTH 138
- POD 2 149
- POD 2 BEHAVIORAL HEALTH 150

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

Revision Schedule	
Date	Description

STATE OF CONNECTICUT · JASON CURTIS · 27455 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

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PLUMBING FIRST FLOOR PLAN

SEAL & SIGNATURE

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DWG No: **P-101**

GENERAL SYMBOLS

BOLD LINES AND TEXT INDICATE PROPOSED WORK

LIGHT LINES AND ITALIZED TEXT INDICATE APPROXIMATE EXISTING CONDITIONS

EQUIPMENT, STRUCTURES, PIPING AND/OR CONDUIT TO BE DEMOLISHED

CONNECT TO EXISTING

PIPING SYSTEMS

HWS — HOT WATER SUPPLY

HWR — HOT WATER RETURN

FLOW ARROW

FINNED TUBE RADIATION

PIPE CAP OR PLUG

ELBOW TURNED UP

ELBOW TURNED DOWN

TEE TURNED UP

TEE TURNED DOWN

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AMPS	AMPERES
APD	AIR PRESSURE DROP
B	BOILER
BOD	BOTTOM OF DUCT
BTU/HR	BRITISH THERMAL UNIT PER HOUR
CFM	CUBIC FEET PER MINUTE
CU	CONDENSING UNIT
CUH	HYDRONIC CABINET UNIT HEATER
D	DEPTH
DB	DRY BULB OR DECIBEL
DDC	DIRECT DIGITAL CONTROL
DN	DOWN
DWG	DRAWING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB
EF	EXHAUST FAN
EFF	EFFICIENCY
ESP	EXTERNAL STATIC PRESSURE
EXH	EXHAUST
°F	DEGREES FAHRENHEIT
FA	FREE AREA
FCU	FAN COIL UNIT
FLA	FULL LOAD AMPERES
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FT	FEET
FTR	FIN TUBE RADIATION
GC	GENERAL CONTRACTOR
GAL	GALLON/S
GFH	GAS-FIRED UNIT HEATER
GPM	GALLONS PER MINUTE
H	HEIGHT
HI	HIGH
HP	HEAT PUMP OR HORSE POWER
HW	HOT WATER
HWC	HOT WATER HEATING COIL
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HZ	HERTZ
IN	INCH
K	KILO (X1000)
KW	KILOWATT
L	LOUVER OR LENGTH
LB	POUNDS
LAT	LEAVING AIR TEMPERATURE
LDB	LEAVING DRY BULB
MAX	MAXIMUM
MBH	THOUSAND BTU/HR
MCA	MINIMUM CIRCUIT AMPACITY
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVER CURRENT PROTECTION
MTR	MOTOR
OA	OUTSIDE AIR
P	PUMP
PD	PRESSURE DROP
PH	PHASE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE IN GAUGE
QTY	QUANTITY
RA	RETURN AIR
RGD	REGISTER, GRILLE, & DIFFUSESR
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SENS	SENSIBLE
SF	SUPPLY FAN
SP	STATIC PRESSURE
SPD	STATIC PRESSURE DROP
SQFT	SQUARE FEET
TR	TONS OF REFRIGERANTION
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UH	HYDRONIC UNIT HEATER
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
W	WIDTH OR WATTS
WB	WET BULB
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP

AIR SYSTEMS

VD — VOLUME DAMPER

M — MOTORIZED CONTROL DAMPER

SUPPLY AIRFLOW

EXHAUST AIRFLOW

SUPPLY DUCT DN

SUPPLY DUCT UP

RETURN DUCT DN

RETURN DUCT UP

EXHAUST DUCT DN

EXHAUST DUCT UP

CAP

RETURN REGISTER

SUPPLY DIFFUSER

SUPPLY/EXHAUST GRILLE

DUCT MOUNTED REHEAT COIL

SUPPLY OUTLET

RETURN OR EXHAUST INLET

TURNING VANES

RECTANGULAR TO ROUND TRANSITION

OxO — RECTANGULAR DUCT SIZE, FIRST FIGURE IS SIDE SHOWN

OØ — ROUND SPIRAL DUCT SIZE, FIRST FIGURE IS SIDE SHOWN

R — CHANGE IN DUCT ELEVATION
R=RISE, D=DROP

STANDARD RECTANGULAR BRANCH
CONNECTION W/45° ENTRY COLLAR

STANDARD ROUND
BRANCH CONNECTION

A-CFM
NECK SIZE — DIFFUSER/GRILLE TAG

GENERAL DEMOLITION NOTES

1. IT IS NOT THE INTENT OF THESE DOCUMENTS TO SHOW EVERY DEVICE, APPURTENANCE, PIPE, WIRE OR CONDUIT TO BE REMOVED. HVAC EQUIPMENT, UNITS AND SYSTEMS NOT BEING REUSED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ASSOCIATED HANGERS, SUPPORTS, BASES, PADS, PIPES, DUCTS, CONDUITS, WIRES, INSULATION AND CONTROLS BACK TO THE POINT OF ORIGIN.
2. EQUIPMENT, PIPING, OR CONDUIT SHALL NOT BE ABANDONED IN-PLACE UNLESS SPECIFICALLY NOTED.
3. ALL HVAC CONTROLS, CONTROL WIRING, CONDUIT AND HANGERS/SUPPORTS SERVING EQUIPMENT TO BE REMOVED SHALL BE DEMOLISHED, UNLESS NOTED TO REMAIN.
4. INVENTORY, SALVAGE AND TURN OVER OR DISPOSE OF EQUIPMENT AT DIRECTION OF OWNER.
5. PROPERLY DISPOSE OF DEMOLISHED EQUIPMENT IN COMPLIANCE WITH CODES, REGULATIONS, AND DEP (OR DEEP) STANDARDS.
6. RELOCATE EXISTING EQUIPMENT, DEVICES, PIPING WIRING, AND RELATED SYSTEMS AS REQUIRED FOR CONSTRUCTION PURPOSES. ALL EXISTING SYSTEMS SHALL BE MADE FULLY OPERATIONAL, INCLUDING RECONNECTION TO SERVICES AND UPGRADED SYSTEMS. ALL EXISTING EQUIPMENT IN WORK AREA TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.
7. INCLUDE ALL WORK REQUIRED FOR PHASED CONSTRUCTION WHEN NECESSARY TO MAINTAIN SYSTEM OPERATION TO OCCUPIED AREAS. COORDINATE WITH OWNER FOR PHASING REQUIREMENTS.
8. ALL EXISTING EQUIPMENT AND DEVICES TO BE REMOVED AND RELOCATED SHALL BE FIELD VERIFIED FOR QUANTITY AND CONDITION. KEEP AN ACCURATE RECORD OF STORED EQUIPMENT INCLUDING CONDITION. PROVIDE COPY OF INVENTORY TO OWNER.
9. SYSTEMS REQUIRED TO REMAIN IN OPERATION DURING DEMOLITION SHALL BE CAREFULLY PROTECTED FROM DAMAGE AND CONTAMINATION BY THE CONSTRUCTION PROCESS.

GENERAL NOTES

1. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK.
2. PROVIDE ALL REQUIRED MATERIALS, LABOR, EQUIPMENT, AND SERVICES NECESSARY FOR THE INSTALLATION OF THE WORK AS SHOWN ON THESE DRAWINGS OR AS INDICATED IN THE PROJECT SPECIFICATIONS.
3. ALL MATERIALS, METHODS AND EQUIPMENT INSTALLED MUST BE IN COMPLIANCE WITH PROJECT SPECIFICATIONS AND APPLICABLE CODES.
4. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT.
5. COORDINATE LOCATIONS OF EQUIPMENT AND SYSTEMS WITH OTHER TRADES BEFORE AND DURING CONSTRUCTION. ANY MODIFICATIONS REQUIRED THAT RESULT FROM A LACK OF COORDINATION SHALL BE PERFORMED AT NO ADDITIONAL COST.
6. HVAC DRAWINGS DO NOT SHOW ALL CONDITIONS AND SYSTEMS OF THE BUILDING. CONTRACTOR SHALL USE ALL DRAWINGS AND SPECIFICATIONS OF CONTRACT DOCUMENTS FOR COORDINATION AND SHALL VERIFY FIELD CONDITIONS.
7. COORDINATE NEW DUCTWORK AND PIPING WITH STRUCTURAL STEEL, LIGHTING, AND OTHER UTILITIES. INSTALL ALL REQUIRED OFFSETS AND TRANSITIONS TO PREVENT INTERFERENCE WITH FIELD CONDITIONS. OBTAIN APPROVAL FROM ENGINEER PRIOR TO MAJOR RELOCATIONS OR INSTALLATION SIGNIFICANT OFFSETS (MORE THAN 6 IN A SINGLE PIPING SYSTEM).
8. VOIDS CREATED BY THE REMOVAL OF DUCTWORK, PIPING OR HVAC CONTROL SYSTEM CONDUIT/WIRING IN FLOORS OR WALLS ABOVE OR BELOW CEILINGS SHALL BE PATCHED AND SEALED WITH MATERIALS MATCHING THE EXISTING CONSTRUCTION.
9. COORDINATE ALL REQUIRED OPENINGS THROUGH WALLS, FLOORS, AND ROOFS WITH GENERAL CONTRACTOR AND OTHER TRADES.
10. INSTALL DUCTWORK AND PIPING AS CLOSE TO THE UNDERSIDE OF DECK AS POSSIBLE UNLESS NOTED OTHERWISE.
11. DO NOT PENETRATE STAIR WALLS WITH ANY UTILITIES OR CONDUIT EXCEPT FOR UTILITIES SPECIFICALLY SERVING THAT STAIR.
12. INSTALL EQUIPMENT AND SUPPORTS IN ACCORDANCE WITH ALL RELEVANT BUILDING CODES. ALL EQUIPMENT SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS. SUPPORT FROM DECKING WILL NOT BE ACCEPTED.
13. PROVIDE FLEXIBLE CONNECTION BETWEEN MECHANICAL EQUIPMENT AND DUCTWORK OR PIPING SYSTEMS.
14. COORDINATE EXACT DIFFUSER/REGISTER/GRILLE PLACEMENT WITH LIGHTING, SPRINKLERS OR OTHER EQUIPMENT MOUNTED IN OR ABOVE CEILING.
15. DUCT SIZES SHOWN INDICATE CLEAR INSIDE DIMENSIONS OF DUCTWORK.
16. THERMOSTATS AND SWITCHES ARE SHOWN IN GENERAL LOCATIONS. COORDINATE EXACT LOCATION WITH FIELD CONDITIONS.
17. VERIFY EQUIPMENT PIPING CONNECTIONS WITH MANUFACTURER. LOCATE BRANCH PIPING TO ACCOMMODATE PIPING CONNECTION LOCATION.
18. INSTALL ALL EXPOSED CONTROL WIRING IN CONDUIT AND IN ACCORDANCE WITH DIVISION 26 REQUIREMENTS.
19. CORE THROUGH FULL HEIGHT WALLS AS REQUIRED TO INSTALL DUCTWORK, PIPING, OR CONTROL WIRING.

REGISTERS, GRILLES, & DIFFUSERS SCHEDULE

GENERAL NOTES:
1. ALL NECK SIZES ARE NOTED ON DRAWINGS.
2. PROVIDE MANUFACTURER'S NECK ADAPTORS WHERE REQUIRED TO MAKE CONNECTIONS BETWEEN DIFFUSERS, REGISTERS, AND GRILLES AND BRANCH DUCTS. ADAPTORS SHALL BE EQUIVALENT DUCT SIZE TO THE ASSOCIATED BRANCH DUCT. FIELD FABRICATED DUCT TRANSITIONS OR ADAPTORS THAT ARE NOT EQUIVALENT TO BRANCH DUCT SIZES WILL NOT BE ACCEPTED.
3. THROW PATTERNS ARE 4-WAY UNLESS NOTED WITH FLOW ARROWS ON FLOOR PLANS.
4. PROVIDE COLOR AND FINISH PER DIRECTION OF ARCHITECT.
5. PROVIDE FRAME/MOUNTING TYPE SUITABLE FOR CEILING CONSTRUCTION.

TYPE	MANUFACTURER	MODEL	REMARKS
A	TITUS	TDC	SQUARE LOUVER FACE CEILING SUPPLY DIFFUSER WITH REMOVABLE CORE, 4-WAY THROW. TRANSITIONAL ADAPTER.
B	TITUS	300RS	WALL SUPPLY GRILLE, DOUBLE DEFLECTION WITH ADJUSTABLE VERTICAL FRONT BLADES, 3/4" BLADE SPACING.
C	TITUS	CT-580	LINEAR BAR DIFFUSER/RETURN FLOOR GRILLE. 1/8" BAR-O° DEFLECTION 1/2" SPACING, FRAME AND BORDER TYPE 5.
D	TITUS	355RL	LOUVER TYPE CEILING RETURN OR EXHAUST GRILLE, 35° FIXED DEFLECTION, 1/2" SPACING WITH BLADES PARALLEL TO THE LONG DIMENSION. GRILLE SHALL BE USED FOR CEILING AND WALL APPLICATIONS.

GRAVITY VENTILATOR SCHEDULE

GENERAL NOTES:
1. PROVIDE MINIMUM 12" HIGH CURB.
2. INSTALL WITH ALUMINUM BIRDSCREEN.
3. INSTALL WITH INTERNALLY MOUNTED, LOW LEAKAGE CONTROL DAMPER.

UNIT NO.	LOCATION	MANUFACTURER	MODEL	THROAT SIZE (IN)	OVERALL SIZE, LxWxH (IN.)	CFM	THROAT VELOCITY (FPM)	FACE VELOCITY (FPM)	PD (IN WG)	MATERIAL	WEIGHT (LBS)	REMARKS
GV-1	ROOF	COOK	TRE	24 x 14	28 x38 x 12.25	890	385	195	0.03	ALUMINUM	72	

Revision Schedule	
Date	Description
Date 1	Revision 1

STATE OF CONNECTICUT · JASON URSO · 27453 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT · JASON CURTIS KDP · 30072 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

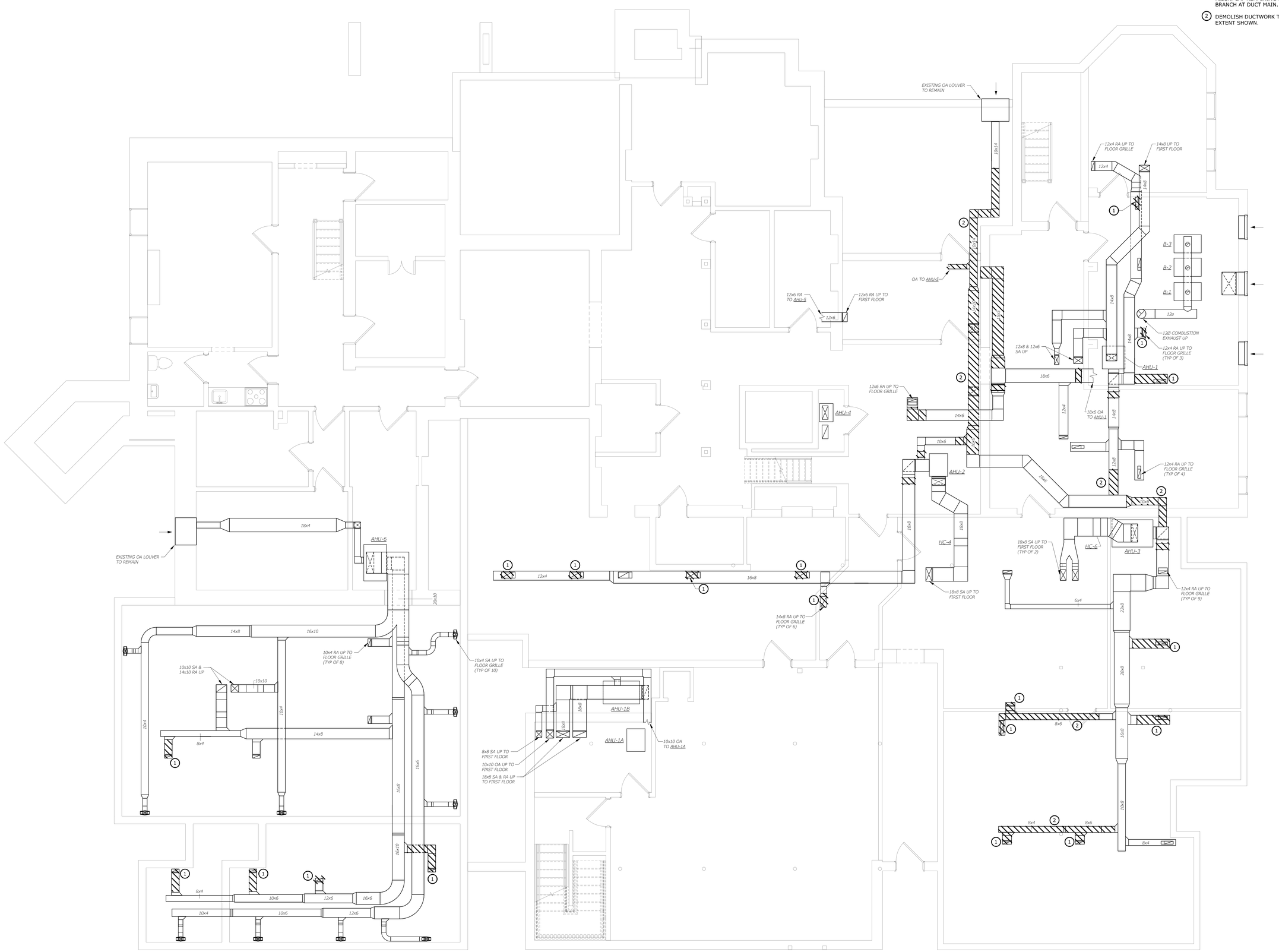
HVAC LEGEND, GENERAL NOTES, AND SCHEDULES

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: OLR
CHK BY: JNR/KDP
DWG No: **H-001**

KEY NOTES:

1. DEMOLISH FLOOR GRILLE AND RISER. CAP REMAINING DUCT BRANCH AT DUCT MAIN.
2. DEMOLISH DUCTWORK TO THE EXTENT SHOWN.



HVAC DEMOLITION BASEMENT PLAN
SCALE: 1/4" = 1'-0"

Revision Schedule	
Date	Description

STATE OF CONNECTICUT · JASON URSO · 27453 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

HVAC DEMOLITION BASEMENT PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: OLR
CHK BY: JNR/KDP
DWG No:
HD-101

KEY NOTES:

1. DEMOLISH FLOOR GRILLE AND RISER. CAP REMAINING DUCT BRANCH.
2. DEMOLISH CEILING RGD AND DUCT BRANCH.
3. DEMOLISH CEILING RGD AND DUCT BRANCH. CAP REMAINING DUCT BRANCH.
4. DEMOLISH FLOOR GRILLE.
5. DEMOLISH DUCTWORK TO THE EXTENT SHOWN.
6. EXISTING FTR ELEMENT TO REMAIN. DEMOLISH EXISTING FTR ENCLOSURE.

NOT IN SCOPE

APPOINTMENTS -
VESTIBULE -
CONFERENCE ROOM -
VESTIBULE -
CH-2
EX-FTR
LAB -
PUBLIC TOILET
EX-EF
8x4 EA UP TO ROOF
12Ø COMBUSTION EXHAUST DN TO BASEMENT
14x8 DN TO AHU-1 IN BASEMENT
POD 12
EXAM ROOM 2
EXAM ROOM 3
EXAM ROOM 5
CH-1
MED ROOM -
POD -
POD 2
EX-EF
12x8 & 12x6 SA DN TO AHU-1 IN BASEMENT
EXAM ROOM 24
EXAM ROOM 22
EXAM ROOM 21
EXAM ROOM 20
EXAM ROOM 19
EXAM ROOM 18
EXAM ROOM 16
POD -
POD 7
EXAM ROOM 28
EXAM ROOM 21
POD 9
HC-1
14x20 SA & RA UP TO RTU-10 ON ROOF
10x10 SA & 14x10 RA DN TO BASEMENT
8x8 SA DN TO AHU-1B IN BASEMENT
10x10 OA DN TO BASEMENT
18x8 SA & RA DN TO AHU-1B IN BASEMENT
18x8 SA DN TO AHU-2 IN BASEMENT
14x8 SA DN TO AHU-3 IN BASEMENT
8x6 EA UP TO EF ON ROOF
CUH-3
UH-7
EXISTING EF TO REMAIN.
DEMOLISH EXHAUST GRILLE

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

Revision Schedule

Date	Description

STATE OF CONNECTICUT · JASON URSO · 27453 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

STATE OF CONNECTICUT · JASON CURTIS DAVIS · 30072 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

HVAC DEMOLITION FIRST FLOOR PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: OLR
CHK BY: JNR/KDP
DWG No:
HD-102

KEY NOTES:

1. CONTRACTOR MUST MOVE EXISTING UTILITES TO ACCOMODATE THE NEW DUCTWORK AS REQUIRED. FIELD VERIFY DURING THE BIDDING PROCESS.

General Notes:

Provide volume damper in all existing return branch ducts serving floor grilles. Refer to volume damper detail for damper location. If an existing volume damper exists, then a new damper is not required. Verify in field.

EXISTING OA LOUVER TO REMAIN
10x14
30x8 OA UP
OA TO AHU-5
12x4 RA UP TO FLOOR GRILLE
14x8 UP TO FIRST FLOOR
12x4 RA UP TO FLOOR GRILLE
B-3
B-2
B-1
12x6 RA TO AHU-4
12x6 RA UP TO FIRST FLOOR
20x10
20x6
VD
12x8 & 12x6 SA UP
REBALANCE AHU-1: OA = 410 CFM SA = 1225 CFM
AHU-1
12x4 RA UP TO FLOOR GRILLE
18x6
12x6 RA UP TO FLOOR GRILLE
AHU-4
12x6
14x6
REBALANCE AHU-2: OA = 200 CFM SA = 750 CFM
10x6
AHU-2
18x6 RA TO AHU-1
PROVIDE VOLUME DAMPER
12x4 RA UP TO FLOOR GRILLE (TYP OF 3)
10x10
REBALANCE AHU-3: OA = 310 CFM SA = 1155 CFM
18x8 SA UP TO FIRST FLOOR (TYP OF 2)
HC-6
AHU-3
12x4 RA UP TO FLOOR GRILLE
12x6 RA UP TO FLOOR GRILLE
16x8
HC-4
18x8
18x8 SA UP TO FIRST FLOOR
14x8 RA UP TO FLOOR GRILLE
12x4
16x8
14x8 RA UP TO FLOOR GRILLE
CAP ABANDONED DUCT BRANCH (TYP OF 4)
6x4
22x8
CAP ABANDONED DUCT BRANCH (TYP OF 2)
20x8
12x4 RA UP TO FLOOR GRILLE (TYP OF 5)
16x8
10x8
8x4
12x4 RA UP TO FLOOR GRILLE
14x4
12x4
18x4
AHU-6
REBALANCE AHU-6: OA = 360 CFM SA = 1680 CFM
EXISTING OA LOUVER TO REMAIN
26x10
14x8
16x10
10x4 RA UP TO FLOOR GRILLE (TYP OF 3)
10x4 SA UP TO FLOOR GRILLE (TYP OF 10)
10x10 SA & 14x10 RA UP
10x10
10x4
12x4
14x8
8x4
10x4 RA UP TO FLOOR GRILLE
10x4 RA UP TO FLOOR GRILLE
CONNECT FLOOR GRILLE TO EXISTING RISER (TYP)
16x6
16x8
CAP ABANDONED DUCT BRANCH (TYP OF 4)
16x10
10x4 RA UP TO FLOOR GRILLE (TYP OF 2)
8x4
10x6
12x6
16x6
10x4
10x6
12x6
10x10
AHU-1B
18x8
18x8
REBALANCE AHU-1B: OA = 270 CFM SA = 1250 CFM
AHU-1A
10x10 OA TO AHU-1A
8x8 SA UP TO FIRST FLOOR
10x10 OA UP TO FIRST FLOOR
18x8 SA & RA UP TO FIRST FLOOR

HVAC BASEMENT PLAN
SCALE: 1/4" = 1'-0"

N

Revision Schedule	
Date	Description

STATE OF CONNECTICUT JASON URSO 27453 LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT JASON CURTIS 30072 LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

HVAC BASEMENT PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: OLR
CHK BY: JNR/KDP
DWG No:
H-101

NOTES:

1. REPLACE ALL FTR ENCLOSURES WITH VULCAN MODEL JV3-AR14 OR SIMILAR TO MATCH EXISTING ENCLOSURES. EXISTING FTR ELEMENT TO REMAIN.

KEY NOTES:

1. MODIFY EXISTING BASEBOARD FIN TUBE RADIATION ENCLOSURE AND HYDRONIC HEATING PIPING TO ACCOMODATE NEW WALL OR REMOVAL OF EXISTING WALL. CUT PIPE, RECONNECT, AND PROVIDE NEW MATCHING FTR ENCLOSURE.
2. REBALANCE RTU-10: OA = 410 CFM SA = 1525 CFM
3. RELOCATE ROOM THERMOSTAT TO ACCOMODATE NEW OA DUCT.
4. CONTRACTOR MUST MOVE EXISTING UTILITES TO ACCOMODATE THE NEW DUCTWORK AS REQUIRED. FIELD VERIFY DURING THE BIDDING PROCESS.

NOT IN SCOPE

NOT IN SCOPE

- ENTRY VESTIBULE 100
- RECEPTION / INTAKE / CHECK-OUT 102
- TRIAGE 103
- FINANCIAL CONSULT 104
- WAITING 101
- BH CHECK-IN 109
- PHARMACY 110
- PHARMACY PICKUP 114
- PHARMACY WAITING 117
- PEDS WAITING 108
- ELEVATOR
- PUBLIC TOILET 106
- MED ROOM 107
- WIC CHECK-IN 115
- WIC ROOM #1 118
- WIC ROOM #2 119
- WIC ROOM #3 120
- POD 1 117
- POD 1 CORRIDOR 129
- POD 1 EXAM ROOM 1 1
- POD 1 EXAM ROOM 2 2
- POD 1 EXAM ROOM 3 3
- POD 1 EXAM ROOM 4 4
- POD 1 EXAM ROOM 5 5
- BLOOD DRAW LAB 105
- LAB 105A
- CORRIDOR 132
- PATIENT TOILET 122
- PATIENT TOILET 123
- POD 3 & POD 4 CHECK OUT 124
- STAFF TOILET 125
- NURSE MANAGER 127
- CORRIDOR 133
- BH/CARE COORDINATOR CONSULT 128
- POD 3 EXAM ROOM 4 4
- POD 3 EXAM ROOM 5 5
- POD 3 CORRIDOR 131
- CLEAN STORAGE 126
- POD 3 EXAM ROOM 1 1
- POD 3 EXAM ROOM 2 2
- POD 3 EXAM ROOM 3 3
- POD 3 137
- POD 3 BEHAVIORAL HEALTH 138
- POD 4 EXAM ROOM 1 1
- POD 4 EXAM ROOM 2 2
- POD 4 EXAM ROOM 3 3
- POD 4 EXAM ROOM 4 4
- POD 4 EXAM ROOM 5 5
- POD 4 CORRIDOR 134
- POD 4 BEHAVIORAL HEALTH 131
- POD 4 133
- NEGATIVE PRESSURE EXAM ROOM 132
- POD 2 EXAM ROOM 1 1
- POD 2 EXAM ROOM 2 2
- POD 2 EXAM ROOM 3 3
- POD 2 EXAM ROOM 4 4
- POD 2 EXAM ROOM 5 5
- POD 2 CORRIDOR 130
- POD 2 149
- POD 2 BEHAVIORAL HEALTH 150

RELOCATE EXISTING EXHAUST TERMINATION TO ACCOMMODATE NEW WINDOW

14x20 SA & RA UP TO RTU-10 ON ROOF

10x10 SA & 14x10 RA DN TO BASEMENT

8x8 SA DN TO AHU-1B IN BASEMENT

10x10 OA DN TO BASEMENT

18x8 SA & RA DN TO AHU-1B IN BASEMENT

12x8 & 12x6 SA DN TO AHU-1 IN BASEMENT

8x4 EA UP TO ROOF

12Ø COMBUSTION EXHAUST DN TO BASEMENT

18x8 SA DN TO AHU-2 IN BASEMENT

14x8 SA DN TO AHU-2 IN BASEMENT

CAP ABANDONED DUCT BRANCH (TYP OF ALL)

8x6 EA UP TO EF ON ROOF

REBALANCE EF ON ROOF TO 150 CFM

TYP FOR ALL NEW DIFFUSER CONNECTIONS

EXISTING EF TO REMAIN.

CONNECT GRILLE TO EXISTING EXHAUST FAN. EXTEND DUCT AS NECESSARY.

TITUS 8F, ALUMINUM PERFORATE RETURN GRILLE, 3/16" HOLES ON 1/4" STAGGERED CENTERS, 24x24.

N

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

Revision Schedule	
Date	Description

STATE OF CONNECTICUT · JASON URSO · 27453 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

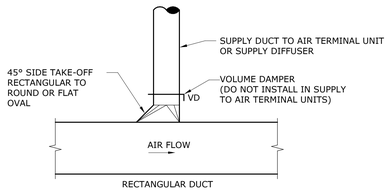
1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

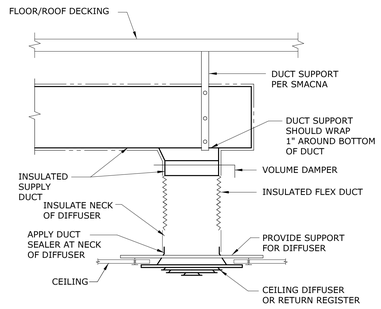
HVAC FIRST FLOOR PLAN

SEAL & SIGNATURE

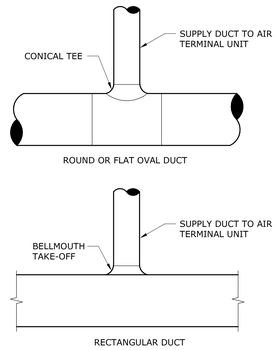
DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: OLR
CHK BY: JNR/KDP
DWG No: **H-102**



45° SUPPLY AIR TAKEOFF
NO SCALE

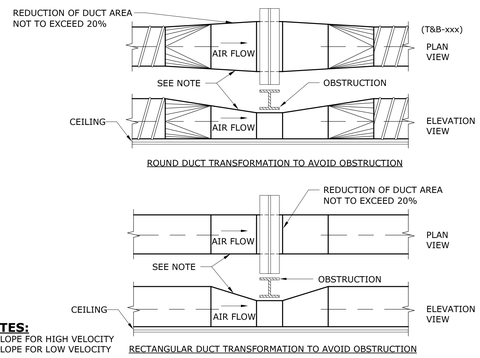


DIFFUSER
NO SCALE



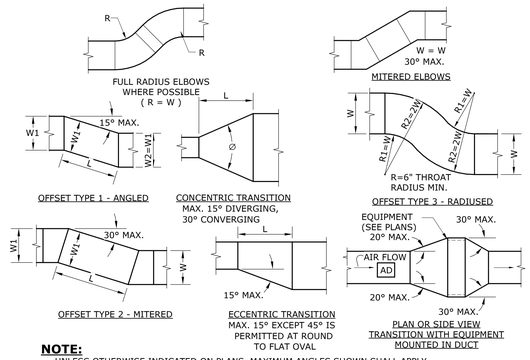
VAV LOOP PRIMARY SUPPLY AIR TAKEOFF
NO SCALE

Add VD Detail



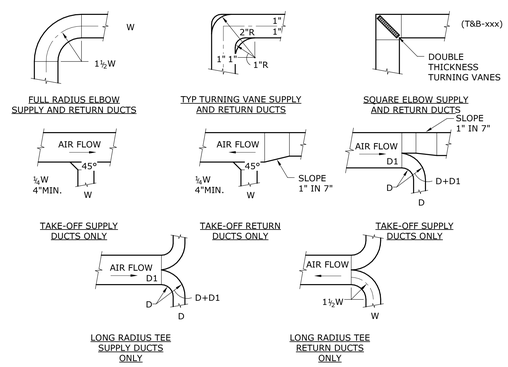
NOTES:
- 1:7 SLOPE FOR HIGH VELOCITY
- 1:4 SLOPE FOR LOW VELOCITY

DUCT OBSTRUCTION TRANSFORMATION
NO SCALE

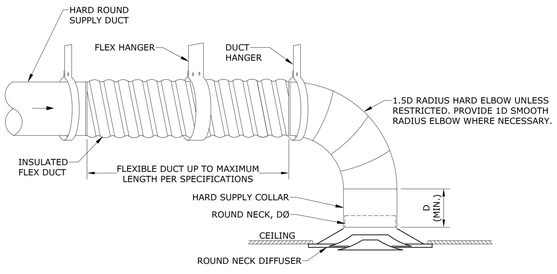


NOTE:
- UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

OFFSETS AND TRANSITION
NO SCALE

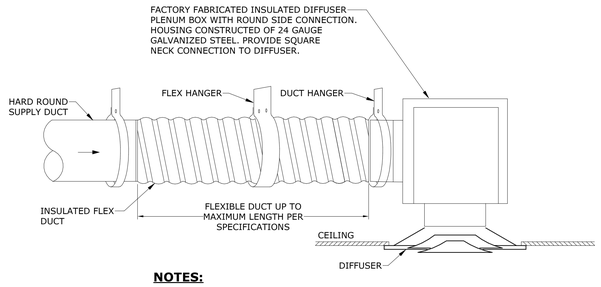


DUCT
NO SCALE



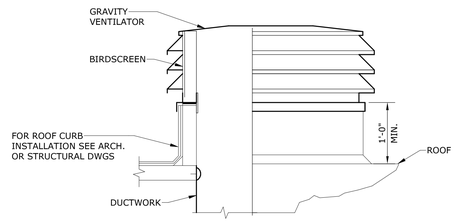
NOTE:
1. HANGER PER SPECIFICATION.

ROUND CONNECTION TO ROUND NECK DIFFUSER
NO SCALE



NOTES:
1. HANGER PER SPECIFICATION.
2. PROVIDE THIS INSTALLATION DETAIL FOR SQUARE NECK DIFFUSERS WHERE AVAILABLE HEIGHT IS NOT ADEQUATE FOR DETAILS UTILIZING 1D RADIUS ELBOW DIFFUSER CONNECTIONS.

SIDE CONNECTION TO PLENUM BOX FOR SQUARE DIFFUSERS
NO SCALE



ROOF MOUNTED PENTHOUSE GRAVITY VENTILATOR
NO SCALE

Revision Schedule

Date	Description

STATE OF CONNECTICUT · JASON URGO · 27453 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER · 04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

374 Grand Avenue, New Haven, CT 06513

HVAC DETAILS

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: OLR
CHK BY: JNR/KDP
DWG No: **H-501**

GENERAL SYMBOLS

BOLD LINES AND TEXT INDICATE PROPOSED WORK

LIGHT LINES AND ITALIZED TEXT INDICATE APPROXIMATE EXISTING CONDITIONS

SECTION

PHOTOGRAPH LOCATION

EQUIPMENT, STRUCTURES, PIPING AND/OR CONDUIT TO BE DEMOLISHED.

RACEWAYS AND WIRING

L4A1-1,3 — HOMERUN TO EQUIPMENT. "L4A1" INDICATES EQUIPMENT ID, "1,3" INDICATES PANELBOARD CIRCUIT NUMBERS, (20A, 1P, UNLESS INDICATED OTHERWISE)

L4A1-1,3 — SEE DRAWINGS FOR QUANTITY AND SIZE OF WIRE AND CONDUIT. MINIMUM 2#12,#12G, IN 3/4"C IF NOT INDICATED OR SCHEDULED OTHERWISE. DASHED LINES INDICATE IN OR UNDER SLAB.

2#10,#10G,3/4"C

CONDUIT, CONCEALED IN CONSTRUCTION IN FINISHED AREAS, EXPOSED IN UNFINISHED AREAS

E — UNDERGROUND CONDUIT (SHADING INDICATES CONCRETE ENCASED)

CONDUIT IN OR UNDER SLAB

CONDUIT TURNING UP

CONDUIT TURNING DOWN

CT — CABLE TRAY, REFER TO SPECIFICATIONS

NOTES:

1. GREEN GROUND CONDUCTOR NOT INDICATED BUT SHALL BE INCLUDED IN EACH RACEWAY. SIZE SHALL BE #12AWG UNLESS INDICATED OTHERWISE.
2. HOMERUNS TO PANELBOARDS SHALL HAVE A MAXIMUM OF THREE (3) PHASE CONDUCTORS (ONE PER PHASE), (3) NEUTRALS AND (3) GROUND CONDUCTORS IN EACH CONDUIT. DERATE CONDUCTORS AS REQUIRED PER CODE.

16 — FEEDER TAG - REFER TO LEGEND OR TABLE OF FEEDER SIZES

BRANCH CIRCUIT WIRING NOTES

1. WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
2. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
3. ALL SWITCH CONTROLS SHALL BE FURNISHED WITH WIRING AND CONDUIT AS REQUIRED.
4. ALTHOUGH ALL BRANCH CIRCUIT WIRING AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED. ALL PATIENT CARE AREAS BRANCH CIRCUIT WIRING SHALL INCLUDE AN EQUIPMENT BONDING CONDUCTOR AND A GREEN GROUNDING CONDUCTOR PER NFPA 99.
5. A GREEN GROUNDING CONDUCTOR SHALL BE RUN WITH ALL CIRCUITS. VERIFY CONDUIT SIZE TO ENSURE IT CAN ACCOMMODATE ALL PHASE, NEUTRAL AND GROUND CONDUCTORS.
6. ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS AND GROUNDS. BRANCH CIRCUITS SHALL NOT SHARE NEUTRALS OR GROUNDS.

LIGHTING FIXTURES

NUMBERS/LETTERS SHOWN BESIDE LIGHT FIXTURES SHALL INDICATE THE FOLLOWING:
"F1" (CAPITAL LETTER(S) OR COMBINATION OF CAPITAL LETTER(S) AND NUMBERS) INDICATES FIXTURE TYPE.
"2" (NUMBER OR PANELBOARD NAME AND NUMBER) INDICATES CIRCUIT NUMBER.
"a" (LOWERCASE LETTER) INDICATES SWITCH CONTROL OF FIXTURE.

F1 2 a — LIGHTING FIXTURE, SURFACE, RECESSED OR PENDANT MOUNTED.

CEILING MOUNTED LIGHTING FIXTURE

STRIP OR INDUSTRIAL STRIP

PENDANT OR SURFACE MOUNTED LIGHTING FIXTURE

WALL MOUNTED LIGHTING FIXTURE

WALL MOUNTED LIGHTING FIXTURE - WIRED TO THE EMERGENCY LIFE SAFETY SYSTEM

CEILING MOUNTED ILLUMINATED EXIT SIGN, ARROWS AS INDICATED ON DRAWINGS. SHADED AREAS INDICATE NUMBER OF EXIT SIGN FACES

WALL MOUNTED ILLUMINATED EXIT SIGN, ARROWS AS INDICATED ON DRAWINGS. SHADED AREAS INDICATE NUMBER OF EXIT SIGN FACES

EMERGENCY BATTERY UNIT

RECEPTACLES

MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.

NUMBERS/LETTERS SHOWN BESIDE RECEPTACLES SHALL INDICATED THE FOLLOWING:
"GFI" INDICATES INTEGRAL GROUND FAULT INTERRUPTER.
"2" (NUMBER OR PANELBOARD NAME AND NUMBER) INDICATES POWER
"TP" INDICATES TAMPER PROOF WITH PLASTIC SHUTTER MECHANISM

2 GFI — SIMPLEX RECEPTACLE

DUPLEX RECEPTACLE

DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER TOP

DUPLEX RECEPTACLE, ENERGY CONTROLLED

DUPLEX RECEPTACLE GFI TYPE

DUPLEX RECEPTACLE GFI TYPE, MOUNTED 6" ABOVE COUNTER TOP

DUPLEX RECEPTACLE GFI TYPE, ENERGY CONTROLLED

DOUBLE DUPLEX RECEPTACLE

DOUBLE DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER TOP.

DOUBLE DUPLEX RECEPTACLE, ENERGY CONTROLLED

1 — SPECIAL PURPOSE RECEPTACLE, NEMA L5-20 INDICATES TYP.

LIGHTING CONTROLS

OCCUPANCY SENSOR LIGHTING CONTROL, "C" INDICATES CEILING MOUNTED. SEE ELECTRICAL DETAIL DRAWINGS FOR ADDITIONAL WIRING INFORMATION.

S_{2B} — TWO BUTTON SWITCH

S_D — DIMMER SWITCH WITH ON-OFF PUSHBUTTONS. SEE SPECIFICATION FOR INFORMATION.

SP — SWITCH PACK WITH RELAY (NON-DIM)

SP 0-10 — SWITCH PACK WITH RELAY (0-10V DIM)

RC — ROOM CONTROLLER

P — DAYLIGHT DIMMING PHOTOCELL

D2 — DIMMING RELAY

POWER DISTRIBUTION EQUIPMENT

PANELBOARD, SURFACE OR RECESSED MOUNTED

M 2 — MOTOR, "2" INDICATES HORSEPOWER

MAGNETIC MOTOR STARTER

6P — NON-FUSED DISCONNECT SWITCH, SIZE AS REQUIRED. "6P" INDICATES 6 POLE.

30A — FUSED DISCONNECT SWITCH. THE DISCONNECT SWITCH RATING SHALL MEET OR EXCEED THE CIRCUIT AMPACITY. "30A" INDICATES FUSE SIZE. FUSE SHALL BE SIZED FOR THE FULL RATING OF THE DISCONNECT SWITCH UNLESS SHOWN OTHERWISE.

COMBINATION MAGNETIC STARTER AND FUSED DISCONNECT SWITCH. SIZE OF STARTER, SWITCH, AND FUSE AS REQUIRED.

MISCELLANEOUS

J — JUNCTION BOX, SIZED PER NEC

J — JUNCTION BOX WITH SINGLE POINT ELECTRICAL CONNECTION TO EQUIPMENT.

ELECTRICAL PANELBOARD KEY

EDP 4 A 1

- 1 — NUMBER IN SEQUENTIAL ORDER.
- A — SWITCHBOARD SOURCE OF POWER
- 4 — VOLTAGE (2) 208, (4) 480
- EDP — PANEL TYPE (DP) DISTRIBUTION PANEL
  (L) LIGHTING PANEL
  (P) POWER PANEL
  (OS) OPTIONAL STANDBY
  (E) EMERGENCY

TELECOMMUNICATIONS SYSTEM

(EMPTY CONDUIT AND BACK BOXES ONLY)

W — TELEPHONE OUTLET MOUNTED 44" A.F.F. INTERCONNECTED USING CAT6 CABLING FOR AREA NETWORK SWITCH (BY OTHERS). BACKBOX LOCATION ONLY.

2 — DATA OUTLET MOUNTED 18" A.F.F. "2" INDICATES CAPACITY FOR NUMBER OF JACKS/CABLES INTERCONNECTED USING CAT6 CABLING FOR AREA NETWORK SWITCH (BY OTHERS). BACKBOX LOCATION ONLY.

IDF — INTERMEDIATE DISTRIBUTION FRAME

WIRELESS ACCESS POINT - INTERCONNECTED USING CAT6 CABLING FOR AREA NETWORK SWITCH (BY OTHERS). BACKBOX LOCATION ONLY.

ABBREVIATIONS

#	WIRE SIZE OR IDENTIFICATION NUMBER
A	AMPERES
AF	AMPERE FRAME (CIRCUIT BREAKER RATING)
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ARCH	ARCHITECT
AS	AMPERE SENSOR (CIRCUIT BREAKER RATING)
AT	AMPERE TRIP (CIRCUIT BREAKER RATING)
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CT	CURRENT TRANSFORMER
CAT	CATALOG
CIR, CKT	CIRCUIT
CP	CONTROL PANEL
COL	COLUMN
Δ	DELTA
CU	COPPER
DISC SW, DS	DISCONNECT SWITCH
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
F	FLUSH
FU	FUSE
FT	FEET
G	GROUND
GC	GENERAL CONTRACTOR
GFI, GFCI	GROUND FAULT CIRCUIT INTERRUPTER
ID	IDENTIFICATION
KCMIL, MCM	ONE THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERES
KVAR	KILOVOLT-AMPERES REACTIVE
KW	KILOWATTS
LSIG	LONG/SHORT TIME, INSTANTANEOUS AND GROUND FAULT SETTINGS (FOR CIRCUIT BREAKER)
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MISC	MISCELLANEOUS
MFR	MANUFACTURER
MLO	MAIN LUGS ONLY
NC, NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OL	OVERLOAD
P	POLE
PH, Ø	PHASE
PT	POTENTIAL TRANSFORMER
R	RECESSED
RGS	RIGID GALVANIZED STEEL CONDUIT
S	SURFACE
SCCR, SCR	SHORT CIRCUIT CURRENT INTERRUPTING RATING
SCH 40	SCHEDULE 40 PVC CONDUIT
SP	SPARE
SPD	SURGE PROTECTION DEVICE
SS	STAINLESS STEEL
SW	SWITCH
TEL	TELEPHONE
TSP	TWISTED SHIELDED PAIR CABLE
TYP	TYPICAL
UG	UNDERGROUND
UPS	UNINTERRUPTABLE POWER SUPPLY
V	VOLT
VFD	VARIABLE FREQUENCY DRIVE (ALSO REFERED TO AS ADJUSTABLE FREQUENCY DRIVE)
Y	WYE
W	WATT, WIRE
WP	WEATHERPROOF
XFMR	TRANSFORMER

Revision Schedule

Date	Description

STATE OF CONNECTICUT · MATTHEW ROMALD · 27315 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

ELECTRICAL LEGEND

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No: **E-001**

GENERAL DEMOLITION NOTES

1. DISCONNECT AND REMOVE EXISTING ELECTRICAL PANELBOARDS, JUNCTION BOXES, BRANCH CIRCUITS, FEEDERS, RACEWAYS, DEVICES, ETC., AS REQUIRED TO ACCOMPLISH THE NEW WORK AS SHOWN OR REASONABLY IMPLIED. REFER TO THE ARCHITECTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL WORK SHOWN ON THE OTHER DRAWINGS OF THIS SET TO DETERMINE THE EXTENT OF THE DEMOLITION WORK REQUIRED.
2. EXISTING BRANCH CIRCUITS NO LONGER SERVING ANY EQUIPMENT OR DEVICES SHALL BE PULLED BACK TO AND DISCONNECTED FROM THE PANEL OF ORIGIN. RE-LABEL EXISTING CIRCUIT BREAKERS AS SPARE AND PROVIDE A NEW LABEL/NAMEPLATE OR TYPE-WRITTEN PANEL DIRECTORY.
3. BRANCH CIRCUITS SERVING EXISTING DEVICES TO REMAIN AND EXISTING DEVICES TO BE REMOVED SHALL BE MAINTAINED AND RECONNECTED AS REQUIRED AFTER REMOVAL OF THE EXISTING DEVICES, AS NECESSARY TO ACCOMMODATE THE ALTERATIONS.
4. COORDINATE WITH THE OWNER'S RESPECTIVE DEPARTMENTS FOR THE DISCONNECTION AND REMOVAL OF TELECOMMUNICATIONS, PAGING, FIRE ALARM, AND SECURITY SYSTEM DEVICES, EQUIPMENT, AND CABLING.
5. COORDINATE WITH THE ARCHITECTURAL DRAWINGS AND THE GC FOR EXISTING PARTITIONS TO BE REMOVED. DISCONNECT EXISTING BRANCH CIRCUITS SERVING DEVICES IN PARTITIONS TO BE REMOVED. MAINTAIN CONTINUITY OF EXISTING CIRCUITS SERVING EXISTING DEVICES IN OTHER AREAS TO REMAIN. PROVIDE ADDITIONAL CONDUIT AND WIRING AS REQUIRED.
6. COORDINATE WITH THE ENGINEER, GENERAL, MECHANICAL, AND PLUMBING CONTRACTORS FOR EXISTING EQUIPMENT TO BE DISCONNECTED AND REMOVED. DISCONNECT AND REMOVE THE ELECTRIC CONDUIT AND WIRING BACK TO THE POINT OF ORIGIN FOR EACH PIECE OF EQUIPMENT TO BE REMOVED.
7. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES TO ACCOMMODATE ALTERATIONS. MAINTAIN CONTINUITY OF ALL FIRE ALARM INITIATION AND INDICATING CIRCUITS SERVING OTHER AREAS. PROVIDE ADDITIONAL CONDUIT AND WIRING AS REQUIRED.
8. EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY OPERATIONAL UNTIL NEW FIRE ALARM SYSTEM HAS BEEN INSTALLED, TESTED, AND ACCEPTED. THE EXISTING FIRE ALARM SYSTEM PANELS, DEVICES, CABLING, RACEWAYS, ETC., SHALL BE DISCONNECTED AND REMOVED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
9. REMOVE ALL WIRING/CABLING NO LONGER IN USE FROM EXISTING RACEWAYS/CONDUITS. RACEWAYS/CONDUITS NO LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLABS SHALL BE CUT BACK AS REQUIRED AND CAPPED. SURFACE-MOUNTED RACEWAYS/CONDUITS NO LONGER IN USE SHALL BE REMOVED.
10. PROVIDE BLANK STAINLESS STEEL COVER PLATES FOR ALL JUNCTION/DEVICE BOXES NO LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLABS OR MASONRY WALLS. ALL COVER PLATES SHALL BE PAINTED TO MATCH EXISTING CONDITIONS.
11. REFER TO SPECIFICATIONS FOR ADDITIONAL DEMOLITION CRITERIA.
12. OWNER RETAINS RIGHT OF FIRST REFUSAL FOR ALL ITEMS TO BE REMOVED OR DEMOLISHED. TAKE REASONABLE CARE TO AVOID DAMAGE TO ITEMS TO BE RETAINED BY OWNER. NO ADDITIONAL CHARGE WILL BE ALLOWED FOR REMOVAL OF SALVAGEABLE ITEMS.
13. FOR ITEMS BEING DEMOLISHED, REMOVE EXISTING SUPPORTS AND MOUNTING HARDWARE. FILL OPENINGS FROM ANCHOR HOLES AND CONDUIT/PIPE PENETRATIONS (UNLESS CONDUIT IS TO BE REUSED) WITH NON-SHRINK GROUT AND PAINT TO MATCH WALL OR FLOOR.
14. PATCH HOLES IN CONCRETE FROM OLD EQUIPMENT SUPPORTS, CONDUITS, PENETRATIONS, ETC. WITH NON-SHRINK GROUT. PAINT TO MATCH SURROUNDING SURFACE.
15. VOIDS CREATED BY THE REMOVAL OF CONDUIT/WIRE IN FLOORS OR WALLS ABOVE OR BELOW CEILINGS SHALL BE PATCHED AND SEALED WITH MATERIALS MATCHING THE EXISTING CONSTRUCTION.
16. PROPERLY DISPOSE OF DEMOLISHED EQUIPMENT IN COMPLIANCE WITH CODES, REGULATIONS, AND STATE STANDARDS.

GENERAL NOTES

1. FOR SYMBOLS AND ABBREVIATIONS, REFER TO DRAWING E-001.
2. BOLD TEXT AND LINES INDICATE PROPOSED WORK, LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.
3. PROVIDE TEMPORARY POWER AND EQUIPMENT AS REQUIRED TO KEEP SYSTEMS OPERATIONAL, SEE 260500 FOR SEQUENCING AND SCHEDULING.
4. FOR ELECTRICAL DETAILS, REFER TO DETAIL DRAWINGS
5. REFER TO ARCHITECTURAL FLOOR PLANS FOR EQUIPMENT LOCATIONS.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR COORDINATION OF CEILING MOUNTED DEVICES.
7. REFER TO ARCHITECTURAL ELEVATIONS AND ELECTRICAL DETAIL DRAWINGS FOR COORDINATION OF WALL MOUNTED DEVICES AND MOUNTING HEIGHTS.
8. ALL CONDUIT SHALL BE INSTALLED ATTACHED TO THE TOP OF STEEL (TOP CHORD OF JOIST/GIRDER).
9. COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECT, GC AND/OR OWNER PRIOR TO ROUGH-IN.
10. COORDINATE ALL REQUIRED OPENINGS/PENETRATIONS THROUGH WALLS, FLOORS, AND CEILING WITH OTHER TRADES AND APPROVED EQUIPMENT SUBMITTALS.
11. SUPPORT ALL UTILITIES AND STRUCTURES DURING CONSTRUCTION AND MAKE REPAIRS IF DAMAGED.
12. PREVENT DUST FROM BECOMING A NUISANCE OR HAZARD. CONTROL DUST DURING AND AFTER CONSTRUCTION.
13. DO NOT COMBINE POWER AND SIGNAL WIRING IN ANY CONDUIT, BOX, WIREWAY, CABLE TRAY, ETC. WITHOUT WRITTEN PERMISSION FROM THE ENGINEER, UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS.

GENERAL LIGHTING NOTES

1. FOR ELECTRICAL PANEL LOCATIONS, REFER TO RESPECTIVE FLOOR POWER PLAN.
2. COORDINATE WITH MECHANICAL DRAWINGS FOR EQUIPMENT LOCATIONS.
3. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR LIGHT FIXTURE LOCATIONS.
4. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL MOUNTED FIXTURE LOCATIONS.
5. COORDINATE LIGHT FIXTURE MOUNTING REQUIREMENTS AND TRIMS WITH REFLECTED CEILING PLANS AND ARCHITECT/GENERAL CONTRACTOR/ENGINEER PRIOR TO PURCHASE AND INSTALLATION.
6. PROVIDE ALL REMOTE LIGHTING DRIVERS AND POWER SUPPLIES WITH REQUIRED CONDUIT AND WIRING WITHIN MANUFACTURERS' RECOMMENDED DISTANCES FROM REMOTE LOCATION TO LIGHT FIXTURE. LOCATE ALL REMOTE LIGHTING DRIVERS LOCATIONS IN AN ACCESSIBLE LOCATION AND COORDINATE WITH ARCHITECT.
7. COORDINATE ALL LIGHTING COLOR TEMPERATURES AND CRI REQUIREMENTS WITH ARCHITECT PRIOR TO ORDERING OF LIGHT FIXTURES.
8. COORDINATE THE LOCATION OF ALL EXIT SIGNS AND EMERGENCY LIGHTING WITH EQUIPMENT. EXIT SIGNS AND EMERGENCY LIGHTING SHALL NOT BE OBSTRUCTED. ALL EMERGENCY BATTERY UNITS AND BATTERIES IN EXIT SIGNS SHALL BE WIRED AHEAD OF LOCAL SWITCH CONTROL.

GENERAL POWER NOTES

1. PRIOR TO COMMENCING WORK, PROVIDE A CIRCUIT SURVEY OF EXISTING PANELBOARDS AND CIRCUITRY. RECORD FINDINGS ON A SET OF AS-BUILT DRAWINGS INDICATING SOURCE OF POWER PANELBOARD AND CIRCUIT NUMBERS.
2. EXISTING HOMERUNS MAY BE USED AT THE DISCRETION OF THE CONTRACTOR PROVIDED THE CONDITION OF THE WIRING AND CONFIGURATION OF THE CABLING MEETS THE REQUIREMENTS OF THE SPECIFICATIONS.
3. IF OPTION TO REUSE ANY EXISTING HOMERUN IS EXERCISED, VERIFY AND DOCUMENT THE EXISTING CABLING HAS A METALLIC BONDING STRIP IN THE ARMORED JACKET OF THE CABLE AND A DEDICATED GREEN GROUNDING CONDUCTOR PRIOR TO REUSE IN A PATIENT CARE AREA. IF CABLING IS FOUND TO BE LACKING EITHER GROUNDING REQUIREMENT, THE EXISTING CABLE IS DISQUALIFIED FOR REUSE IN SERVING PATIENT CARE AREAS.
4. ALL RECEPTACLES IN PATIENT CARE AREAS SHALL BE HOSPITAL GRADE TYPE.
5. PROVIDE NEW ENGRAVED NAMEPLATES FOR ALL PANELBOARDS INDICATING PANEL IDENTITY, VOLTAGE, PHASE AND SOURCE OF POWER. REFER TO DETAIL DRAWING E-501.
6. PROVIDE NEW TYPED CIRCUIT DIRECTORIES IN ALL PANELBOARDS REFLECTING ALL NEW AND EXISTING REUSED CIRCUITS AS INSTALLED.
7. PROVIDE PRESSURE SENSITIVE LABELS ON ALL WIRING DEVICES INDICATING SOURCE OF POWER PANELBOARD AND CIRCUIT NUMBERS.

GENERAL LOW VOLTAGE NOTES

1. COORDINATE THE LOCATION OF ALL LOW VOLTAGE DEVICES WITH THE GC AND OWNER PRIOR TO ROUGH-IN.
2. ALL LOW VOLTAGE DEVICE TYPES SHALL BE PER THE DRAWINGS AND SPECIFICATIONS.
3. PROVIDE ELECTRICAL CONNECTIONS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. COORDINATE LOCATION, QUANTITY WITH GC AND OWNER PRIOR TO INSTALLATION.
4. ALL LOW VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT.
5. PROVIDE DEDICATED 20A, 120VAC POWER AT ALL EQUIPMENT LOCATIONS FOR CONNECTION BY THE EQUIPMENT SYSTEM INSTALLER. ALL PRIMARY CONTROL PANELS SHALL BE CONNECTED TO GENERATOR OR UPS BACKUP CIRCUITS.
6. REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
7. PROVIDE ALL CONDUIT SLEEVES THROUGH FLOORS AND WALLS TO ACCOMMODATE OWNER'S CABLING REQUIREMENTS.
8. PROVIDE NYLON PULL CORDS IN ALL EMPTY CONDUITS AND SLEEVES.

ELECTRICAL FASTENING NOTES

1. EQUIPMENT SHALL BE FASTENED USING THE FOLLOWING MEANS BASED ON THE TYPE OF WALL OR SURFACE:
   A. FOR MOUNTING TO CONCRETE (CMU OR PRECAST), USE CRACKED-CONCRETE RATED EXPANDING SHEATH CONCRETE ANCHORS.
   B. FOR MOUNTING TO METAL COLUMNS, METAL EQUIPMENT FRAME, OR METAL MOUNTING PLATES, USE STAINLESS STEEL STUD WELD WITH STAINLESS STEEL ACORN NUT.
2. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. FASTENERS AND MATERIALS SHALL BE OF THE MATERIAL TYPE SPECIFIED FOR THE AREA, UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS OR DETAILS.

Revision Schedule

Date	Description

STATE OF CONNECTICUT · MATTHEW ROMALDO · 27315 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

ELECTRICAL GENERAL NOTES

SEAL & SIGNATURE

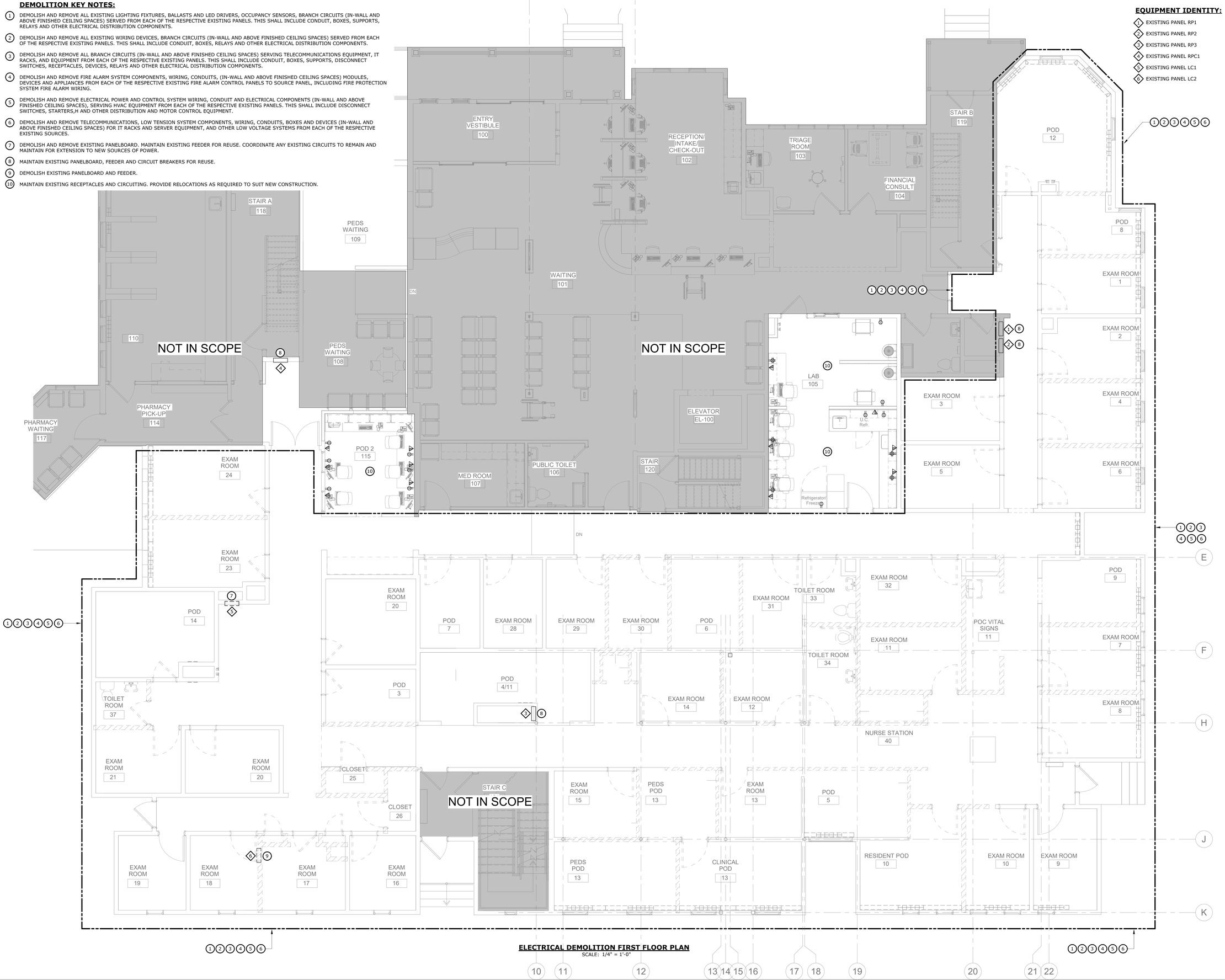
DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No: **E-002**

DEMOLITION KEY NOTES:

1. DEMOLISH AND REMOVE ALL EXISTING LIGHTING FIXTURES, BALLASTS AND LED DRIVERS, OCCUPANCY SENSORS, BRANCH CIRCUITS (IN-WALL AND ABOVE FINISHED CEILING SPACES) SERVED FROM EACH OF THE RESPECTIVE EXISTING PANELS. THIS SHALL INCLUDE CONDUIT, BOXES, SUPPORTS, RELAYS AND OTHER ELECTRICAL DISTRIBUTION COMPONENTS.
2. DEMOLISH AND REMOVE ALL EXISTING WIRING DEVICES, BRANCH CIRCUITS (IN-WALL AND ABOVE FINISHED CEILING SPACES) SERVED FROM EACH OF THE RESPECTIVE EXISTING PANELS. THIS SHALL INCLUDE CONDUIT, BOXES, RELAYS AND OTHER ELECTRICAL DISTRIBUTION COMPONENTS.
3. DEMOLISH AND REMOVE ALL BRANCH CIRCUITS (IN-WALL AND ABOVE FINISHED CEILING SPACES) SERVING TELECOMMUNICATIONS EQUIPMENT, IT RACKS, AND EQUIPMENT FROM EACH OF THE RESPECTIVE EXISTING PANELS. THIS SHALL INCLUDE CONDUIT, BOXES, SUPPORTS, DISCONNECT SWITCHES, RECEPTACLES, DEVICES, RELAYS AND OTHER ELECTRICAL DISTRIBUTION COMPONENTS.
4. DEMOLISH AND REMOVE FIRE ALARM SYSTEM COMPONENTS, WIRING, CONDUITS, (IN-WALL AND ABOVE FINISHED CEILING SPACES) MODULES, DEVICES AND APPLIANCES FROM EACH OF THE RESPECTIVE EXISTING FIRE ALARM CONTROL PANELS TO SOURCE PANEL, INCLUDING FIRE PROTECTION SYSTEM FIRE ALARM WIRING.
5. DEMOLISH AND REMOVE ELECTRICAL POWER AND CONTROL SYSTEM WIRING, CONDUIT AND ELECTRICAL COMPONENTS (IN-WALL AND ABOVE FINISHED CEILING SPACES), SERVING HVAC EQUIPMENT FROM EACH OF THE RESPECTIVE EXISTING PANELS. THIS SHALL INCLUDE DISCONNECT SWITCHES, STARTERS,H AND OTHER DISTRIBUTION AND MOTOR CONTROL EQUIPMENT.
6. DEMOLISH AND REMOVE TELECOMMUNICATIONS, LOW TENSION SYSTEM COMPONENTS, WIRING, CONDUITS, BOXES AND DEVICES (IN-WALL AND ABOVE FINISHED CEILING SPACES) FOR IT RACKS AND SERVER EQUIPMENT, AND OTHER LOW VOLTAGE SYSTEMS FROM EACH OF THE RESPECTIVE EXISTING SOURCES.
7. DEMOLISH AND REMOVE EXISTING PANELBOARD. MAINTAIN EXISTING FEEDER FOR REUSE. COORDINATE ANY EXISTING CIRCUITS TO REMAIN AND MAINTAIN FOR EXTENSION TO NEW SOURCES OF POWER.
8. MAINTAIN EXISTING PANELBOARD, FEEDER AND CIRCUIT BREAKERS FOR REUSE.
9. DEMOLISH EXISTING PANELBOARD AND FEEDER.
10. MAINTAIN EXISTING RECEPTACLES AND CIRCUITING. PROVIDE RELOCATIONS AS REQUIRED TO SUIT NEW CONSTRUCTION.

EQUIPMENT IDENTITY:

1. EXISTING PANEL RP1
2. EXISTING PANEL RP2
3. EXISTING PANEL RP3
4. EXISTING PANEL RPC1
5. EXISTING PANEL LC1
6. EXISTING PANEL LC2



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

Revision Schedule	
Date	Description

STATE OF CONNECTICUT MATTHEW ROMANO 27315 LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT JASON CURTIS 30072 LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

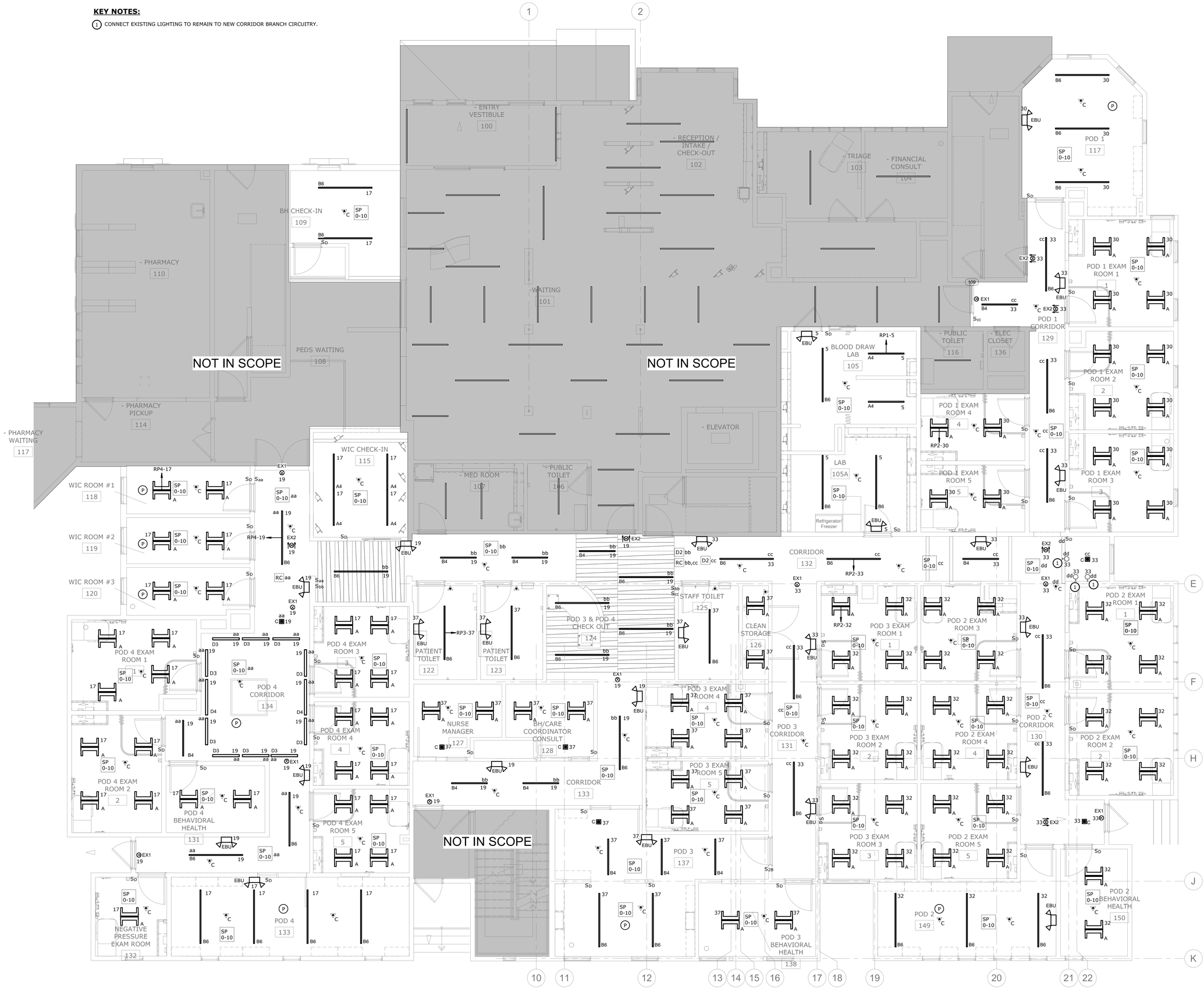
ELECTRICAL DEMOLITION FIRST FLOOR PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No: **ED-101**

KEY NOTES:

(1) CONNECT EXISTING LIGHTING TO REMAIN TO NEW CORRIDOR BRANCH CIRCUITRY.



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

Revision Schedule	
Date	Description

STATE OF CONNECTICUT MATTHEW ROMANO 27315 LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT JASON CURTIS 30072 LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

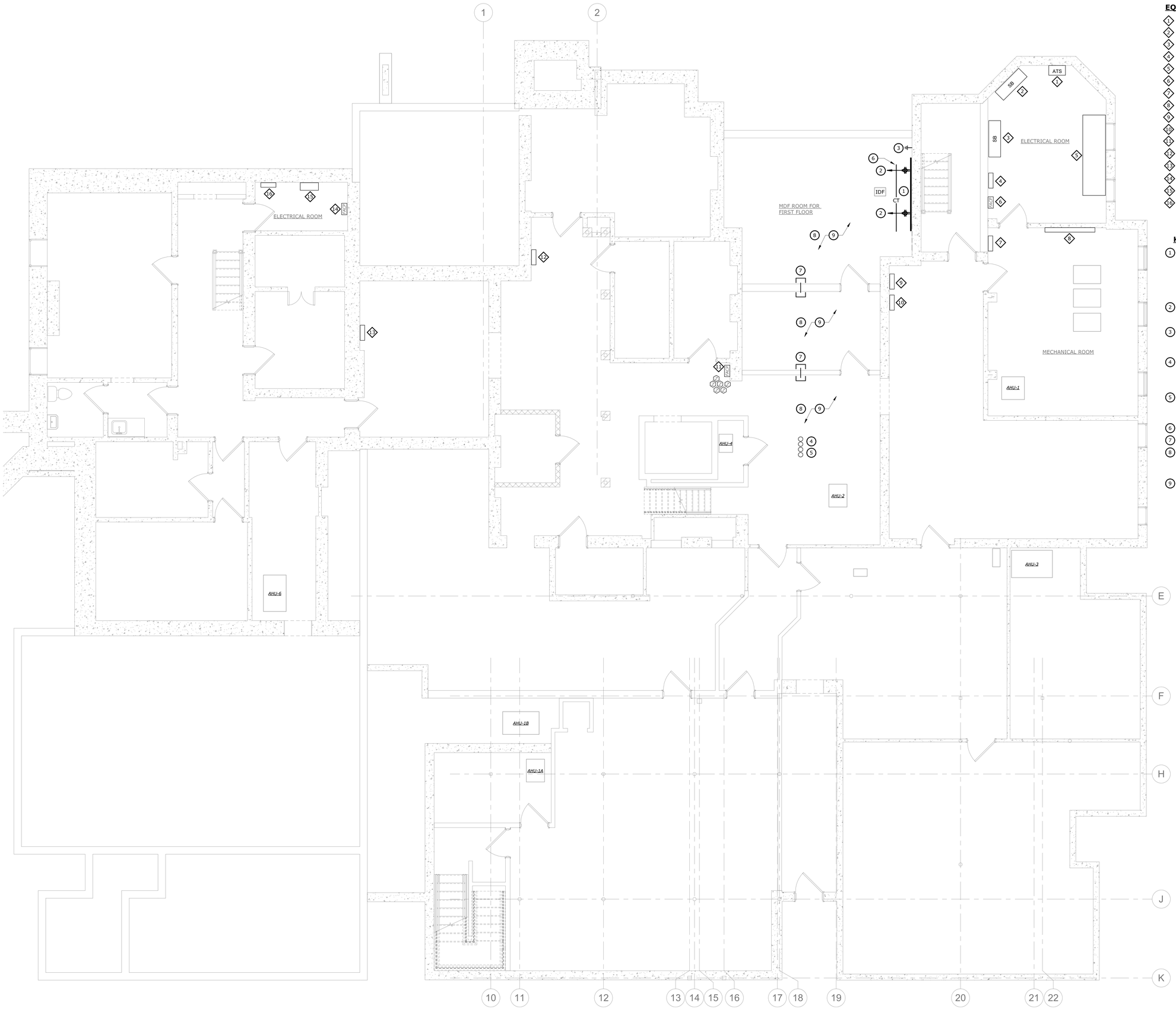
1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

ELECTRICAL LIGHTING FIRST FLOOR PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No: **E-101**



ELECTRICAL POWER BASEMENT PLAN
SCALE: 1/4" = 1'-0"

EQUIPMENT IDENTITY:

1. EXISTING AUTOMATIC TRANSFER SWITCH (ATS)
2. EXISTING SWITCHBOARD SWBA (BREAKER SIDE)
3. EXISTING SWITCHBOARD SWBA(DISTRIBUTION SIDE)
4. EXISTING PANEL RP-B
5. EXISTING TELECOMMUNICATION EQUIPMENT
6. EXISTING FIRE ALARM PANEL FACP#3
7. EXISTING PANEL AC-1
8. EXISTING TELEPHONE SERVICE CABINET
9. EXISTING PANEL B2
10. EXISTING PANEL B2B
11. EXISTING FIRE ALARM PANEL FACP#2
12. EXISTING PANEL DP-372
13. EXISTING PANEL B2A
14. EXISTING FIRE ALARM PANEL FACP#1
15. EXISTING MAIN CIRCUIT BREAKER
16. EXISTING PANEL DP-374

KEY NOTES:

1. PROVIDE 48"H X 96"W X 3/4"D PLYWOOD MOUNTING BOARD SECURED TO BUILDING STRUCTURE. PROVIDE 23 INCH WIDE 48-PORT CAT 6 PATCH PANELS IN QUANTITIES TO MEET DATA CABLE QUANTITIES TERMINATION REQUIREMENTS WITH 20% SPARE CAPACITY MOUNTED IN AN OPEN FRAME 48U WALL RACK; MIDDLE ATLANTIC CATALOG NUMBER WM-15-18.
2. PROVIDE 2#12,1#12G FROM QUAD RECEPTACLE TO STANDBY PANEL BY OTHERS FOR EQUIPMENT POWER.
3. PROVIDE 24 INCH GROUND BUS WITH 1#6G., 3/4"CONDUIT CONNECTED TO LOCAL STANDBY POWER GROUND BUS AND 1#6, 3/4"C TO LOCAL STRUCTURAL STEEL LOCATION.
4. APPROXIMATE LOCATION OF NEW TELECOMMUNICATIONS CABLES TERMINATION LOCATION FROM FIRST FLOOR. REFER TYPICAL TELECOMMUNICATIONS RACEWAY & SLEEVES DETAIL ON DRAWING E-501.
5. PROVIDE (4) 4" CONDUITS UP TO FIRST FLOOR. PROVIDE ADDITIONAL 2 INCH WIDE J-HOOKS AS REQUIRED TO SUPPORT CABLES AS THEY EXIT CONDUIT SLEEVES FROM FLOOR ABOVE.
6. CABLE TRAY, REFER TO SPECIFICATIONS.
7. PROVIDE (4) 4" CONDUIT SLEEVES.
8. PROVIDE 2 INCH WIDE J-HOOKS SPACED 4'-0" ON CENTER TELECOMMUNICATIONS CABLING. REFER TYPICAL TECHNOLOGY RACEWAY & SLEEVES DETAIL ON DRAWING E-501.
9. COORDINATE 2 INCH WIDE J-HOOKS INSTALLATIONS WITH EXISTING DUCT WORK, PIPING AND LIGHTING FIXTURES. PROVIDE A CLEAR PATH FOR TELECOMMUNICATIONS CABLING. REFER TYPICAL TECHNOLOGY RACEWAY & SLEEVES DETAIL ON DRAWING E-501.

Revision Schedule	
Date	Description

STATE OF CONNECTICUT
MATTHEW ROMANO
27315
LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT
JASON CURTIS
30072
LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

ELECTRICAL POWER BASEMENT PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No:
E-200

KEY NOTES:

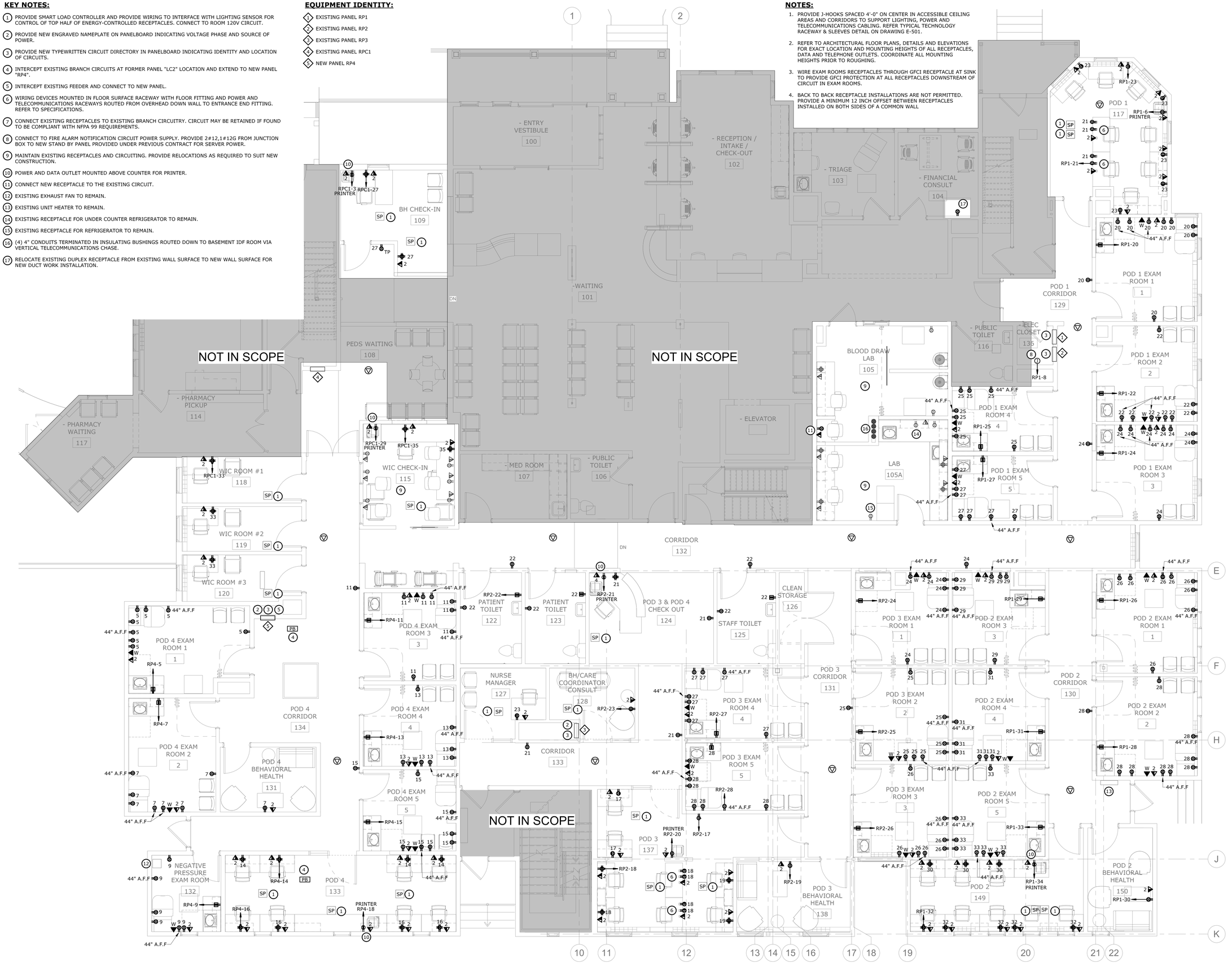
1. PROVIDE SMART LOAD CONTROLLER AND PROVIDE WIRING TO INTERFACE WITH LIGHTING SENSOR FOR CONTROL OF TOP HALF OF ENERGY-CONTROLLED RECEPTACLES. CONNECT TO ROOM 120V CIRCUIT.
2. PROVIDE NEW ENGRAVED NAMEPLATE ON PANELBOARD INDICATING VOLTAGE PHASE AND SOURCE OF POWER.
3. PROVIDE NEW TYPEWRITTEN CIRCUIT DIRECTORY IN PANELBOARD INDICATING IDENTITY AND LOCATION OF CIRCUITS.
4. INTERCEPT EXISTING BRANCH CIRCUITS AT FORMER PANEL "LC2" LOCATION AND EXTEND TO NEW PANEL "RP4".
5. INTERCEPT EXISTING FEEDER AND CONNECT TO NEW PANEL.
6. WIRING DEVICES MOUNTED IN FLOOR SURFACE RACEWAY WITH FLOOR FITTING AND POWER AND TELECOMMUNICATIONS RACEWAYS ROUTED FROM OVERHEAD DOWN WALL TO ENTRANCE END FITTING. REFER TO SPECIFICATIONS.
7. CONNECT EXISTING RECEPTACLES TO EXISTING BRANCH CIRCUITRY. CIRCUIT MAY BE RETAINED IF FOUND TO BE COMPLIANT WITH NFPA 99 REQUIREMENTS.
8. CONNECT TO FIRE ALARM NOTIFICATION CIRCUIT POWER SUPPLY. PROVIDE 2#12,1#12G FROM JUNCTION BOX TO NEW STAND BY PANEL PROVIDED UNDER PREVIOUS CONTRACT FOR SERVER POWER.
9. MAINTAIN EXISTING RECEPTACLES AND CIRCUITING. PROVIDE RELOCATIONS AS REQUIRED TO SUIT NEW CONSTRUCTION.
10. POWER AND DATA OUTLET MOUNTED ABOVE COUNTER FOR PRINTER.
11. CONNECT NEW RECEPTACLE TO THE EXISTING CIRCUIT.
12. EXISTING EXHAUST FAN TO REMAIN.
13. EXISTING UNIT HEATER TO REMAIN.
14. EXISTING RECEPTACLE FOR UNDER COUNTER REFRIGERATOR TO REMAIN.
15. EXISTING RECEPTACLE FOR REFRIGERATOR TO REMAIN.
16. (4) 4" CONDUITS TERMINATED IN INSULATING BUSHINGS ROUTED DOWN TO BASEMENT IDF ROOM VIA VERTICAL TELECOMMUNICATIONS CHASE.
17. RELOCATE EXISTING DUPLEX RECEPTACLE FROM EXISTING WALL SURFACE TO NEW WALL SURFACE FOR NEW DUCT WORK INSTALLATION.

EQUIPMENT IDENTITY:

1. EXISTING PANEL RP1
2. EXISTING PANEL RP2
3. EXISTING PANEL RP3
4. EXISTING PANEL RPC1
5. NEW PANEL RP4

NOTES:

1. PROVIDE J-HOOKS SPACED 4'-0" ON CENTER IN ACCESSIBLE CEILING AREAS AND CORRIDORS TO SUPPORT LIGHTING, POWER AND TELECOMMUNICATIONS CABLING. REFER TYPICAL TECHNOLOGY RACEWAY & SLEEVES DETAIL ON DRAWING E-501.
2. REFER TO ARCHITECTURAL FLOOR PLANS, DETAILS AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL RECEPTACLES, DATA AND TELEPHONE OUTLETS. COORDINATE ALL MOUNTING HEIGHTS PRIOR TO ROUGHING.
3. WIRE EXAM ROOMS RECEPTACLES THROUGH GFCI RECEPTACLE AT SINK TO PROVIDE GFCI PROTECTION AT ALL RECEPTACLES DOWNSTREAM OF CIRCUIT IN EXAM ROOMS.
4. BACK TO BACK RECEPTACLE INSTALLATIONS ARE NOT PERMITTED. PROVIDE A MINIMUM 12 INCH OFFSET BETWEEN RECEPTACLES INSTALLED ON BOTH SIDES OF A COMMON WALL



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

Revision Schedule	
Date	Description

STATE OF CONNECTICUT — MATTHEW ROWLAND — 27315 — LICENSED PROFESSIONAL ENGINEER — 04/04/2025

STATE OF CONNECTICUT — JASON CURTIS — 30072 — LICENSED PROFESSIONAL ENGINEER — 04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

PROJECT

Fair Haven Community Health Care FHCHC

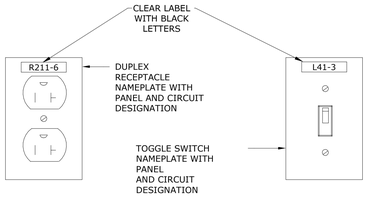
1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

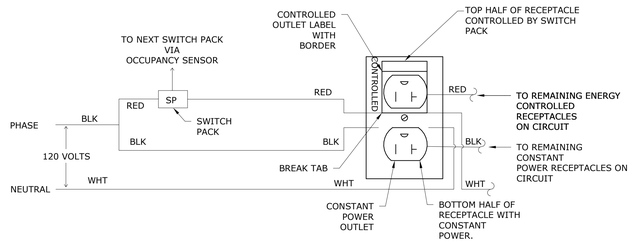
ELECTRICAL POWER & LOW VOLTAGE FIRST FLOOR PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No:
E-201



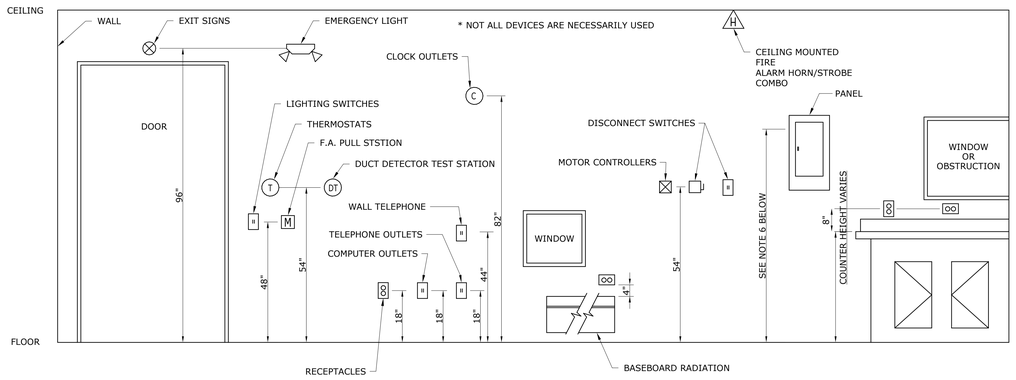
ELECTRICAL DEVICE LABELING
NO SCALE



RECOMMENDED OPERATIONAL NOTES:

1. CONSTANT POWER LOADS: COMPUTER CPU'S, SWITCHES OR ROUTERS, CLOCKS, DEVICES ALWAYS REQUIRING CONSTANT POWER.
2. CONTROLLED OUTLET LOADS: VISUAL DISPLAYS, MONITORS, TASK LIGHTS, SPACE HEATERS, FANS, RADIOS, PRINTERS, TELEVISIONS, CABLE TV AND SATELLITE BOXES.

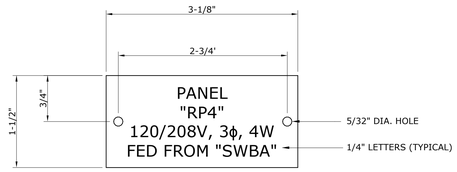
ENERGY CONTROLLED OUTLET
NO SCALE



NOTES

1. THE ABOVE MOUNTING HEIGHTS SHALL APPLY TO ALL DEVICES UNLESS NOTED OTHERWISE ON THE PLANS. ALL NOTED DIMENSIONS ARE TO THE CENTERLINE OF THE DEVICE FROM THE FINISHED FLOOR.
2. WHERE EXISTING OR SPECIAL CONDITIONS PREVENT THE INSTALLATION OF DEVICES AT THE ABOVE HEIGHTS, THE EC SHALL VERIFY HEIGHTS ON SITE WITH THE CONSTRUCTION MANAGER PRIOR TO ROUGHIN.
3. ALL DEVICES IN FINISHED AREAS SHALL BE INSTALLED IN FLUSH DEVICE BOXES. NO SURFACE BOXES SHALL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE ARCHITECT.
4. EC SHALL VERIFY FINAL WORKBENCH, COUNTER, CABINET OR VANITY HEIGHTS INCLUDING BACKSPLASH, ON SITE WITH THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION OF BOXES.
5. INSTALL RECEPTACLES HORIZONTALLY, 4" ABOVE ALL BASEBOARD RADIATION.
6. INSTALL PANELBOARDS SUCH THAT HIGHEST CIRCUIT BREAKER IS NO HIGHER THAN 6'-6" AFF.

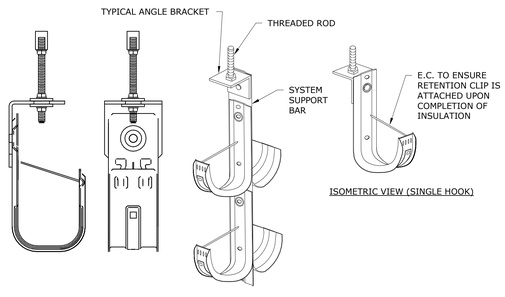
DEVICE MOUNTING HEIGHTS ELEVATION - OFFICE AREAS
NO SCALE



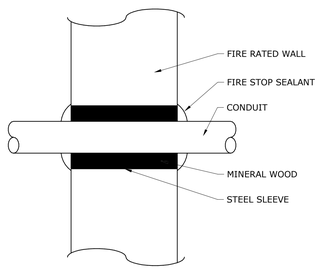
NOTES:

1. REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
2. NAMEPLATE TO BE 1/16" WHITE PLASTIC WITH BLACK CENTER LAMINATION. FACE TO BE WHITE, ENGRAVED LETTERS TO BE BLACK.
3. SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS.

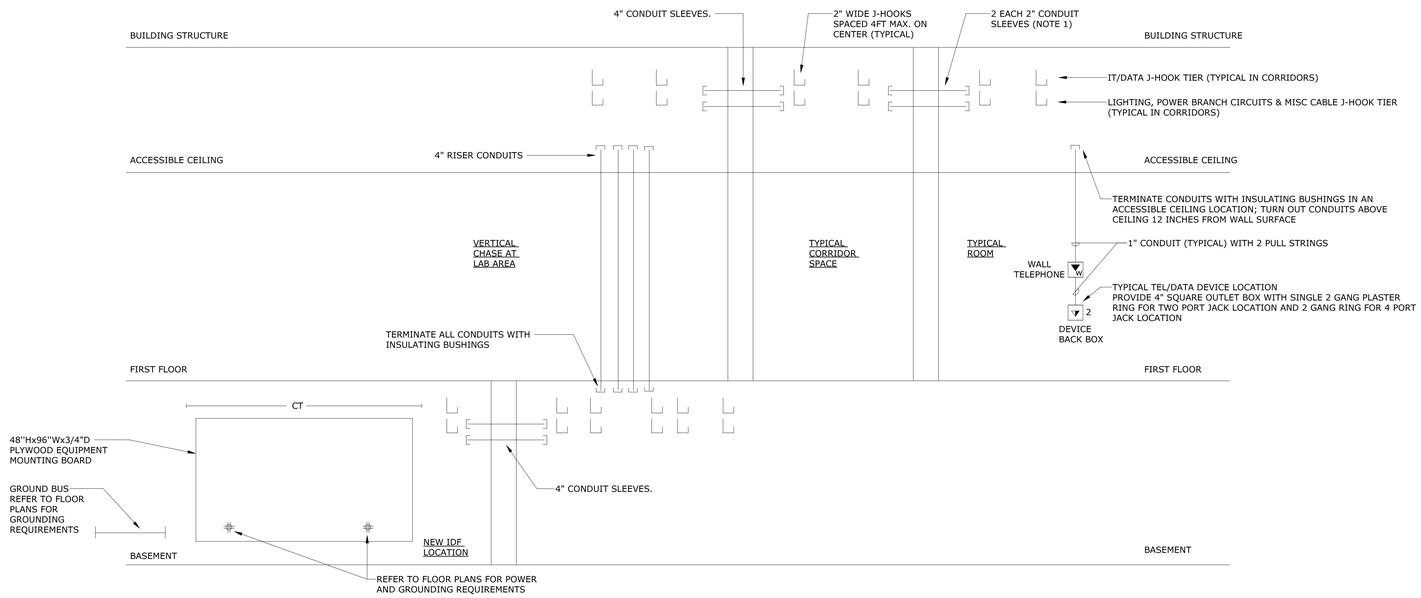
TYPICAL PANELBOARD NAMEPLATE
NO SCALE



J-HOOK CABLE MANAGEMENT
NO SCALE



CONDUIT WALL PENETRATION
NO SCALE



NOTES:

1. PROVIDE (2) 2 INCH CONDUIT SLEEVES WITH INSULATING BUSHINGS FOR ALL SPACES SERVED BY TELEPHONE AND DATA WIRING SYSTEMS. THIS SHALL INCLUDE PROVIDING SAME QUANTITY OF SLEEVES IN ALL PASS THROUGH SPACES/AREAS.

TYPICAL TELECOMMUNICATIONS SYSTEMS RACEWAY & SLEEVES DETAIL
NO SCALE

Revision Schedule

Date	Description

STATE OF CONNECTICUT MATTHEW ROWALD 27315 LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT JASON CURTIS TOST 30072 LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

ELECTRICAL DETAILS-1

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No:
E-501

Branch Panel: RP1

Location: ELEC CLOSET
Supply From:
Mounting: SURFACE
Enclosure: TYPE 1

Volts: 120/208 Wye
Phases: 3
Wires: 4
Neutral:
Ground Bus:

A.I.C.: 10K
A.S.C.:
Mains Type: MLO
Mains Rating: 225 A

Notes: EXISTING

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	*WAITING AREA LIGHTING*	20 A	1	1200...	0 VA					1	20 A	*EXAM ROOM & TRIAGE LTG*	2
3	*CONF & WAIT AREA LIGHTING*	20 A	1			1200...	0 VA			1	20 A	*HALLWAY LTG*	4
5	**LAB AND POD 1 EXAM ROOM LIGHTS**	20 A	1					325 VA	180 VA	1	20 A	**POD 1 PRINTER**	6
7	***LAB REFRIG***	20 A	1	1200...	240 VA					1	20 A	**FIRE ALARM CIRCUIT**	8
9	***LAB RECEPTACLES***	20 A	1			1200...	0 VA			1	20 A	SPARE	10
11	***LAB RECEPT***	20 A	1					1200...	0 VA	1	20 A	*WAITING ROOM RECEPTACLES*	12
13	***CORRIDOR RECEPTACLES***	20 A	1	1200...	0 VA					1	20 A	SPARE	14
15	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	16
17	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	18
19	***LAB UC REFR***	20 A	1	1200...	1800...					1	20 A	**POD 1 EXAM RM RECEPTACLES**	20
21	**POD 1 OFFICE RECEPTACLES**	20 A	1			720 VA	1440...			1	20 A	**POD 1 EXAM RM RECEPTACLES**	22
23	**POD 1 OFFICE RECEPTACLES**	20 A	1					1620...	1800...	1	20 A	**POD 1 EXAM RM RECEPTACLES**	24
25	**POD 1 EXAM ROOM RECEPTACLES**	20 A	1	1440...	1440...					1	20 A	**RECEPTACLES**	26
27	**POD 1 EXAM ROOM RECEPTACLES**	20 A	1			1440...	1620...			1	20 A	**POD 2 EXAM RM RECEPTACLES**	28
29	**POD 2 EXAM RM RECEPTACLES**	20 A	1					1440...	900 VA	1	20 A	**POD 2 OFFICE RECEPTACLES**	30
31	**POD 2 EXAM RM RECEPTACLES**	20 A	1	1440...	900 VA					1	20 A	**POD 2 OFFICE RECEPTACLES**	32
33	**POD 2 EXAM RM RECEPTACLES**	20 A	1			1440...	180 VA			1	20 A	**POD 2 OFFICE PRINTER**	34
35	**POD 3 EXAM RM RECEPTACLES**	20 A	1					1200...	0 VA	1	20 A	SPARE	36
37	**POD 3 EXAM RM RECEPTACLES**	20 A	1	1200...	1200...					1	20 A	SPARE	38
39	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	40
41	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	42
		Total Load:		14460 VA		9240 VA		8665 VA					
		Total Amps:		121 A		78 A		72 A					

Branch Panel: RP2

Location: ELEC CLOSET
Supply From:
Mounting: SURFACE
Enclosure: TYPE 1

Volts: 120/208 Wye
Phases: 3
Wires: 4
Neutral:
Ground Bus:

A.I.C.: 10K
A.S.C.:
Mains Type: MLO
Mains Rating: 225 A

Notes: EXISTING

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	*EXISTING CIRCUIT*	20 A	1	1200...	1200...					1	20 A	*EXISTING CIRCUIT*	2
3	*EXISTING CIRCUIT*	20 A	1			1200...	1200...			1	20 A	*EXISTING CIRCUIT*	4
5	*EXISTING CIRCUIT*	20 A	1					1200...	1200...	1	20 A	*EXISTING CIRCUIT*	6
7	*EXISTING CIRCUIT*	20 A	1	1200...	1200...					1	20 A	*EXISTING CIRCUIT*	8
9	*EXISTING CIRCUIT*	20 A	1			1200...	180 VA			1	20 A	*EXISTING CIRCUIT*	10
11	*EXISTING CIRCUIT*	20 A	1					0 VA	475 VA	1	20 A	*EXISTING CIRCUIT*	12
13	*EXISTING CIRCUIT*	20 A	1	0 VA	0 VA					1	20 A	*EXISTING CIRCUIT*	14
15	*EXISTING CIRCUIT*	20 A	1			0 VA	0 VA			1	20 A	*EXISTING CIRCUIT*	16
17	**POD 3 OFFICE RECEPTACLE**	20 A	1					540 VA	360 VA	1	20 A	**POD 3 & POD 4 OFFICE RECEPTACLES**	18
19	**POD 3 OFFICE RECEPTACLES**	20 A	1	180 VA	180 VA					1	20 A	**POD 3 PRINTER**	20
21	**POD 3 & POD 4 CHECK OUT RECEPTACLES**	20 A	1			540 VA	1440...			1	20 A	**STAFF & PATIENT TOILETS**	22
23	**BH/CARE/NURSE MANAGER ROOM...**	20 A	1					180 VA	1440...	1	20 A	**POD 3 EXAM RM RECEPTACLES**	24
25	**POD 3 EXAM ROOM RECEPTACLES**	20 A	1	1620...	1440...					1	20 A	**POD 3 EXAM ROOM RECEPTACLES**	26
27	**POD 3 EXAM ROOM RECEPTACLES**	20 A	1			1620...	1440...			1	20 A	**POD 3 EXAM ROOM RECEPTACLES**	28
29	SPARE	20 A	1					0 VA	**575 VA**	1	20 A	**POD 1 EXAM ROOM LIGHTING**	30
31	SPARE	20 A	1	0 VA	**1025...**					1	20 A	**POD 2 & 3 EXAM ROOM LIGHTING**	32
33	**POD 1 & 2 COORRIDORS LIGHTING**	20 A	1			1115...	0 VA			1	20 A	SPARE	34
35	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	36
37	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	38
39	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	40
41	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	42
		Total Load:		9245 VA		9935 VA		5970 VA					
		Total Amps:		81 A		87 A		50 A					

Branch Panel: RP3

Location:
Supply From:
Mounting: SURFACE
Enclosure: TYPE 1

Volts: 120/208 Wye
Phases: 3
Wires: 4
Neutral:
Ground Bus:

A.I.C.: 10K
A.S.C.:
Mains Type: MLO
Mains Rating: 225 A

Notes: EXISTING

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	*BASEMENT LIGHTING*	20 A	1	1200...	1200...					1	20 A	*EXAM RM REC, 2ND FLR GFI*	2
3	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	4
5	*HALL RECEPT & EBU'S*	20 A	1					1200...	0 VA	1	20 A	SPARE	6
7	*HALL LIGHTING 1ST FLR*	20 A	1	1200...	1200...					1	20 A	SPARE	8
9	*2ND FLR BATH AND HALL LTG*	20 A	1			1200...	0 VA			1	20 A	SPARE	10
11	*EXAM RM RECEPTACLES*	20 A	1					1200...	0 VA	1	20 A	SPARE	12
13	SPARE	20 A	3	0 VA	0 VA					1	20 A	SPARE	14
15	--	--	--			2310...	1200...			1	20 A	*CABINET UNIT HEATER*	16
17	--	--	--					2310...	1200...	1	20 A	*BASEMENT WIREMOLD*	18
19	*COND UNIT CU-2*	30 A	3	2310...	1200...					1	20 A	*BASEMENT WIREMOLD*	20
21	--	--	--			2310...	1333...			2	20 A	*AIR HANDLER AHU-1*	22
23	--	--	--					2310...	1333...	--	--	--	24
25	*STAIR WELL LIGHTING*	20 A	1	1200...	2310...					3	30 A	*COND UNIT CU-1*	26
27	*AHU-3*	20 A	2			1333...	2310...			--	--	--	28
29	--	--	--					1333...	2310...	--	--	--	30
31	*AHU-4*	20 A	2	1333...	2310...					3	30 A	*COND UNIT CU-4*	32
33	--	--	--			1333...	2310...			--	--	--	34
35	*MECH ROOM LIGHTING*	20 A	1					1200...	2310...	--	--	--	36
37	**POD 3 / TOILETS LIGHTING**	**20 A**	**1**	**940 VA**	4600...					3	60 A	*RTU-1*	38
39	SPARE	20 A	1			0 VA	4600...			--	--	--	40
41	SPARE	20 A	1					0 VA	4600...	--	--	--	42
		Total Load:		21003 VA		20239 VA		21306 VA					
		Total Amps:		176 A		169 A		179 A					

Branch Panel: RP4

Location: POD 4 CORRIDOR
Supply From:
Mounting: SURFACE
Enclosure: TYPE 1

Volts: 120/240 Single
Phases: 1
Wires: 3
Neutral:
Ground Bus:

A.I.C.: 10
A.S.C.:
Mains Type: MCB
Mains Rating: 100 A
MCB Rating:

Notes: NEW

CKT	Circuit Description	Trip	Poles	A		B		Poles	Trip	Circuit Description	CKT
1	*AC UNITS*	20 A	1	500 VA	500 VA			1	20 A	*AC UNIT ROOF, WALL*	2
3	*HALL LIGHTING*	20 A	1			750 VA	750 VA	1	20 A	*HALL LIGHTING*	4
5	**POD 4 EXAM ROOM RECEPTACLES**	20 A	1	1620 VA	180 VA			1	20 A	*EXAM ROOM RECEPTACLES*	6
7	**POD 4 EXAM ROOM RECEPTACLES**	20 A	1			1800 VA	999 VA	1	20 A	*COND UNIT FGI*	8
9	**NEGATIVE PRESSURE EXAM ROOM...**	20 A	1	1260 VA	999 VA			2	20 A	*COND UNIT*	10
11	**POD 4 EXAM ROOM RECEPTACLES**	20 A	1			1620 VA	0 VA	--	--	--	12
13	**POD 4 EXAM ROOM RECEPTACLES**	20 A	1	1440 VA	720 VA			1	20 A	**POD 4 ROOM RECEPTACLES**	14
15	**POD 4 EXAM ROOM RECEPTACLES**	20 A	1			1800 VA	720 VA	1	20 A	**POD 4 ROOM RECEPTACLES**	16
17	**POD 4 EXAM ROOM LIGHTING**	20 A	1	925 VA	180 VA			1	20 A	**POD 4 PRINTER**	18
19	**HALLWAY LIGHTING**	20 A	1			898 VA	0 VA	1	20 A	SPARE	20
21	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	22
23	SPARE	20 A	1			0 VA	0 VA	1	20 A	SPARE	24
25	SPACE	--	1	--	--			1	--	SPACE	26
27	SPACE	--	1	--	--	--	--	1	--	SPACE	28
29	SPACE	--	1	--	--			1	--	SPACE	30
		Total Load:		8324 VA		9337 VA					
		Total Amps:		69 A		78 A					

Branch Panel: RPC1

Location: PEDS WAITING HALLWAY
Supply From:
Mounting: SURFACE
Enclosure: TYPE 1

Volts: 120/208 Wye
Phases: 3
Wires: 4
Neutral:
Ground Bus:

A.I.C.: 10K
A.S.C.:
Mains Type: MLO
Mains Rating: 225 A

Notes: EXISTING

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	*WAITING AREA LIGHTING*	20 A	1	1200...	1200...					1	20 A	*EXISTING CIRCUIT*	2
3	**BH CHECK-IN PRINTER**	20 A	1			180 VA	1200...			1	20 A	*EXISTING CIRCUIT*	4
5	SPARE	20 A	1					1200...	1200...	1	20 A	*EXISTING CIRCUIT*	6
7	*NEW WAIT ROOM RECEPT*	20 A	1	1200...	1200...					1	20 A	*EXISTING CIRCUIT*	8
9	*2ND,3RD FLR. RECEPT*	20 A	1			1200...	1200...			1	20 A	*EXIT SIGNS*	10
11	*2ND,3RD FLR. RECEPT*	20 A	1					1200...	1200...	1	20 A	*GENERAL LIGHTING*	12
13	*NEW WAIT ROOM RECEPT*	20 A	1	1200...	1200...					1	20 A	*RECEPTION LIGHTING*	14
15	SPARE	20 A	1			0 VA	1200...			1	20 A	*HALLWAY LIGHTING*	16
17	SPARE	20 A	1					0 VA	1200...	1	20 A	*INVERTER POWER*	18
19	*MEDICAL REFRIGERATOR*	20 A	1	1200...	1200...					1	20 A	*RECEPTION HALL RECEPT*	20
21	*IN OFFICE TIMER*	20 A	1			1200...	1200...			1	20 A	SPARE	22
23	SPARE	20 A	1					1200...	1200...	1	20 A	*MED ROOM RECEPT*	24
25	*HALLWAY RECEPT*	20 A	1	1200...	1200...					1	20 A	*MED ROOM GFCI*	26
27	**BH OFFICE&WAITING RECEPTACLES**	**20 A**	**1**			**360 VA**	1200...			1	20 A	*MED ROOM GFCI*	28
29	**WIC CHECK-IN PRINTER**	20 A	1					180 VA	1200...	1	20 A	*MED ROOM REFRIGARATOR*	30
31	*MED ROOM RECEPT*	20 A	1	1200...	1200...					1	20 A	*PHARMACY RECEPT*	32
33	**WIC OFFICES 1,2,3 RECEPTACLES**	**20 A**	**1**			**540 VA**	1200...			1	20 A	*PHARMACY RECEPT*	34
35	**WIC CHECK-IN RECEPTACLES**	**20 A**	**1**					**360 VA**	1200...	1	20 A	*HEATER*	36
37	*PRINTER*	20 A	1	1200...	1200...					1	20 A	SPARE	38
39	*ULTRA FREEZER*	20 A	1			1200...	0 VA			1	20 A	SPARE	40
41	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	42
		Total Load:		16800 VA		11880 VA		11340 VA					
		Total Amps:		141 A		100 A		95 A					

LUMINAIRE SCHEDULE

FIXTURE TYPE	FIXTURE DESCRIPTION	WATTAGE	VOLTAGE	MANUFACTURER	CATALOG NUMBER	DEG K	REMARKS
A	2X2 TROFFER CR SERIES- DIMMING	25 W	120 V	CREE LIGHTING	CR22-32L-B-940K-UNV-10V1	3500K	NOTES 1,2,3,4,5
A4	4 FOOT LED LINEAR	25 W	120 V	VODE LIGHTING LLC	707-Z2-SL-4-48-X-X-0-RP-AE-2-0-Z-LO-35-S6-0-WH-0	3500K	NOTES 1,2,3,4,5
B4	4 FOOT LED LINEAR	25 W	120 V	VODE LIGHTING LLC	707-Z2-SL-4-48-X-X-0-RP-AE-2-0-Z-LO-35-S6-0-WH-0	3500K	NOTES 1,2,3,4,5
B6	6 FOOT LED LINEAR	25 W	120 V	VODE LIGHTING LLC	707-Z2-SL-6-72-X-X-0-RP-AE-2-0-Z-LO-35-S6-0-WH-0	3500K	NOTES 1,2,3,4,5
C	DOWNLIGHT - CORRIDORS	20 W	120 V	ALPHABET	NU3-QD-SW-07LM-35K-80-HE70-XX	3500K	NOTES 1,2,3,4,5
D3	3 FOOT LED LINEAR	19 W	120 V	PRUDENTIAL LIGHTING	BPRO3-LIN-FLSH-LED-35-S-O-3'-TMW-PFL-SACW-TGADC-DC-UNV-WS2-X 3-DM01-C2-90	3500K	NOTES 1,2,3,4,5,6,7
D4	4 FOOT LED LINEAR	19 W	120 V	PRUDENTIAL LIGHTING	BPRO3-LIN-FLSH-LED-35-S-O-4'-TMW-PFL-SACW-TGADC-DC-UNV-WS2-X 3-DM01-C2-90	3500K	NOTES 1,2,3,4,5,6,7
EBU	EMERGENCY BATTERY UNIT - OFFICE WITH LED LAMPS	5 W	120 V	SURE-LITES	APC-7-RG	3500K	NOTES 1,2,3,4,5
EX1	LED EXIT SIGN - HC ISA LOGO - CONNECTICUT APPROVED - SINGLE FACED - INTEGRAL BATTERY	5 W	120 V	SURE-LITES	BLWP4 15L-ADP-MVOLT-GZ1-LP835 CONTROLS XX OPTIONS WH	3500K	NOTES 1,2,3,4,5,8
EX2	LED EXIT SIGN - UNIVERSAL FACE COMBO - INTEGRAL BATTERY	5 W	120 V	SURE-LITES	BSS215-4-30-D-R-A-X-SM-SN FINISH	SELECTABLE	NOTES 1,2,3,4,5,8

LUMINAIRE SCHEDULE NOTES:

1. ALL FINSHES AND COLORS SHALL BE AS SELECTED BY ARCHITECT.
2. COORDINATE CEILING TYPE AND MOUNTING REQUIREMENTS WITH ARCHITECT PRIOR TO ORDERING OF LUMINAIRES.
3. PROVIDE ALL REMOTE DRIVERS, HANGERS AND MOUNTING ACCESSORIES FOR A COMPLETE INSTALLATION.
4. COORDINATE ALL LUMINAIRE MOUNTING HEIGHTS, ACCESSORIES AND POWER FEED REQUIREMENTS OF ALL LUMINAIRES WITH ARCHITECT PRIOR TO ORDERING OF LUMINAIRES.
5. COORDINATE CEILING TYPE AND MOUNTING REQUIREMENTS WITH ARCHITECT PRIOR TO ORDERING OF LUMINAIRES.
6. PROVIDE ILLUMINATED STRAIGHT EXTENSIONS AND 90 DEGREE CORNERS FOR A CONTINOUS ILLUMINATED CONFIGURATION AS SHOWN ON PLAN
7. COORDINATE LIGHT DISTRIBUTION PATTERN AND CIRCUIT CONTROL CONFIGURATION WITH ARCHITECT PRIOR TO ORDERING LUMINAIRES.
8. COORDINATE EXIT SIGN COLOR WITH ARCHITECT.

PANELBOARD SCHEDULE NOTES:

1. LOAD DESCRIPTION WITH ITALIC TEXT REPRESENTS THE EXISTING CIRCUIT TO REMAIN.
2. LOAD DESCRIPTION WITH ITALIC-BOLD TEXT REPRESENTS THE EXISTING CIRCUIT TO BE REUSED.
3. LOAD DESCRIPTION WITH BOLD TEXT REPRESENTS THE NEW CIRCUIT.

Revision Schedule

Date	Description

STATE OF CONNECTICUT — MATTHEW ROWALD — 27315 — LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT — JASON CURTIS — 30072 — LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

ELECTRICAL SCHEDULES

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No:
E-600

GENERAL SYMBOLS

BOLD LINES AND TEXT INDICATE PROPOSED WORK

LIGHT LINES AND ITALIZED TEXT INDICATE APPROXIMATE EXISTING CONDITIONS

GENERAL DEMOLITION NOTES

1. EXISTING BRANCH CIRCUITS NO LONGER SERVING ANY EQUIPMENT OR DEVICES SHALL BE PULLED BACK TO AND DISCONNECTED FROM THE PANEL OF ORIGIN. RE-LABEL EXISTING CIRCUIT BREAKERS AS SPARE AND PROVIDE A NEW LABEL/NAMEPLATE OR TYPE-WRITTEN PANEL DIRECTORY.
2. BRANCH CIRCUITS SERVING EXISTING DEVICES TO REMAIN AND EXISTING DEVICES TO BE REMOVED SHALL BE MAINTAINED AND RECONNECTED AS REQUIRED AFTER REMOVAL OF THE EXISTING DEVICES, AS NECESSARY TO ACCOMMODATE THE ALTERATIONS.
3. COORDINATE WITH THE OWNER'S RESPECTIVE DEPARTMENTS FOR THE DISCONNECTION AND REMOVAL OF TELECOMMUNICATIONS, PROCESS, PAGING, FIRE ALARM, AND SECURITY SYSTEM DEVICES, EQUIPMENT, AND CABLING.
4. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES TO ACCOMMODATE ALTERATIONS. MAINTAIN CONTINUITY OF ALL FIRE ALARM INITIATION AND INDICATING CIRCUITS SERVING OTHER AREAS. PROVIDE ADDITIONAL CONDUIT AND WIRING AS REQUIRED.
5. EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY OPERATIONAL UNTIL NEW FIRE ALARM SYSTEM HAS BEEN INSTALLED, TESTED, AND ACCEPTED. THE EXISTING FIRE ALARM SYSTEM PANELS, DEVICES, CABLING, RACEWAYS, ETC., SHALL BE DISCONNECTED AND REMOVED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. PROVIDE BLANK STAINLESS STEEL COVER PLATES FOR ALL JUNCTION/DEVICE BOXES NO LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLABS OR MASONRY WALLS. ALL COVER PLATES SHALL BE PAINTED TO MATCH EXISTING CONDITIONS.
7. REFER TO SPECIFICATIONS FOR ADDITIONAL DEMOLITION CRITERIA.
8. OWNER RETAINS RIGHT OF FIRST REFUSAL FOR ALL ITEMS TO BE REMOVED OR DEMOLISHED. TAKE REASONABLE CARE TO AVOID DAMAGE TO ITEMS TO BE RETAINED BY OWNER. NO ADDITIONAL CHARGE WILL BE ALLOWED FOR REMOVAL OF SALVAGEABLE ITEMS.
9. FOR ITEMS BEING DEMOLISHED, REMOVE EXISTING SUPPORTS AND MOUNTING HARDWARE. FILL OPENINGS FROM ANCHOR HOLES AND CONDUIT/PIPE PENETRATIONS (UNLESS CONDUIT IS TO BE REUSED) WITH NON-SHRINK GROUT AND PAINT TO MATCH WALL OR FLOOR.
10. PATCH HOLES IN CONCRETE FROM OLD EQUIPMENT SUPPORTS, CONDUITS, PENETRATIONS, ETC. WITH NON-SHRINK GROUT. PAINT TO MATCH SURROUNDING SURFACE.
11. VOIDS CREATED BY THE REMOVAL OF CONDUIT/WIRE IN FLOORS OR WALLS ABOVE OR BELOW CEILINGS SHALL BE PATCHED AND SEALED WITH MATERIALS MATCHING THE EXISTING CONSTRUCTION.
12. PROPERLY DISPOSE OF DEMOLISHED EQUIPMENT IN COMPLIANCE WITH CODES, REGULATIONS, AND STATE STANDARDS.

GENERAL FIRE ALARM NOTES

1. ALL FIRE ALARM DEVICE TYPES SHALL MEET THE SPECIFICATIONS AND AREA CLASSIFICATION REQUIREMENTS.
2. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT.
3. PREPARE FIRE ALARM SYSTEM IMPAIRMENT PLANS AND SUBMIT TO THE GENERAL CONTRACTOR, OWNER, AND THE AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK. SURVEY AND DOCUMENT AFFECTED AREAS TO DETERMINE THE SCOPE AND DURATION OF FIRE ALARM SYSTEM IMPAIRMENTS, INCLUDING POTENTIAL INCONVENIENCES. CONSULT WITH THE GENERAL CONTRACTOR, THE OWNER'S REPRESENTATIVE, AND THE AUTHORITY HAVING JURISDICTION REGARDING THE PLANNED PROCEDURES. UPON RECEIPT OF APPROVAL OF THE IMPAIRMENT PLANT BY THE AUTHORITY HAVING JURISDICTION, NOTIFY THE FIRE ALARM SERVICE COMPANY AND UL CENTRAL STATION 72 HOURS IN ADVANCE OF IMPAIRMENT AND ADVISE OF TIMES AND DATES OF ANY PLANNED INTERRUPTIONS TO FIRE ALARM SERVICE. SUBMIT THE APPROVED IMPAIRMENT PLAN TO THE ENGINEER FOR RECORD.

FIRE ALARM

- F — MANUAL PULL STATION MOUNTED 48" AFF. "XP" INDICATES EXPLOSION PROOF, 'WP' INDICATES WEATHERPROOF
- F CD — ADA COMPLIANT AUDIO/VISUAL APPLIANCE MOUNTED 80" AFF. 'CD' INDICATES CANDELA RATING, "XP" INDICATES EXPLOSION PROOF, 'WP' INDICATES WEATHERPROOF
- F CD — ADA COMPLIANT VISUAL APPLIANCE. 'CD' INDICATES CANDELA RATING, "XP" INDICATES EXPLOSION PROOF, "WP" INDICATES WEATHERPROOF
- PHOTOELECTRIC SMOKE DETECTOR
- REMOTE ALARM INDICATOR
- FACP — FIRE ALARM CONTROL PANEL (REQUIRES 120VAC)
- NAC — FIRE ALARM BOOSTER NAC PANEL (REQUIRES 120VAC)
- CONTROL MODULE
- MONITOR MODULE
- ZONE ALARM MODULE

ABBREVIATIONS

A	AMPERES
AF	AMPERE FRAME (CIRCUIT BREAKER RATING)
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ARCH	ARCHITECT
AT	AMPERE TRIP (CIRCUIT BREAKER RATING)
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BLDG	BUILDING
C	CONDUIT
C.B.	CIRCUIT BREAKER
C.T.	CURRENT TRANSFORMER
CAT	CATALOG
CIR	CIRCUIT
COL	COLUMN
CU	COPPER
△	DELTA
DWG	DRAWING
E	WIRED ON EMERGENCY CIRCUIT
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
F	FLUSH
FT	FEET
G	GROUND
GC	GENERAL CONTRACTOR
KCMIL	ONE THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERES
KVAR	KILOVOLT-AMPERES REACTIVE
KW	KILOWATTS
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
∅	PHASE
P	POLE
P.T.	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
R	RECESSED
S	SURFACE
SCR	SHORT CIRCUIT INTERRUPTING RATING
SP	SPARE
SW	SWITCH
TEL	TELEPHONE
TYP	TYPICAL
UG	UNDERGROUND
V	VOLT
Y	WYE
W	WATT
WP	WEATHERPROOF
XFMR	TRANSFORMER

THE FIRE ALARM SYSTEM WILL BE PROVIDED BY OTHERS

Revision Schedule	
Date	Description

STATE OF CONNECTICUT · MATTHEW ROMANO · 27315 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT · JASON CURTIS · 30072 · LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

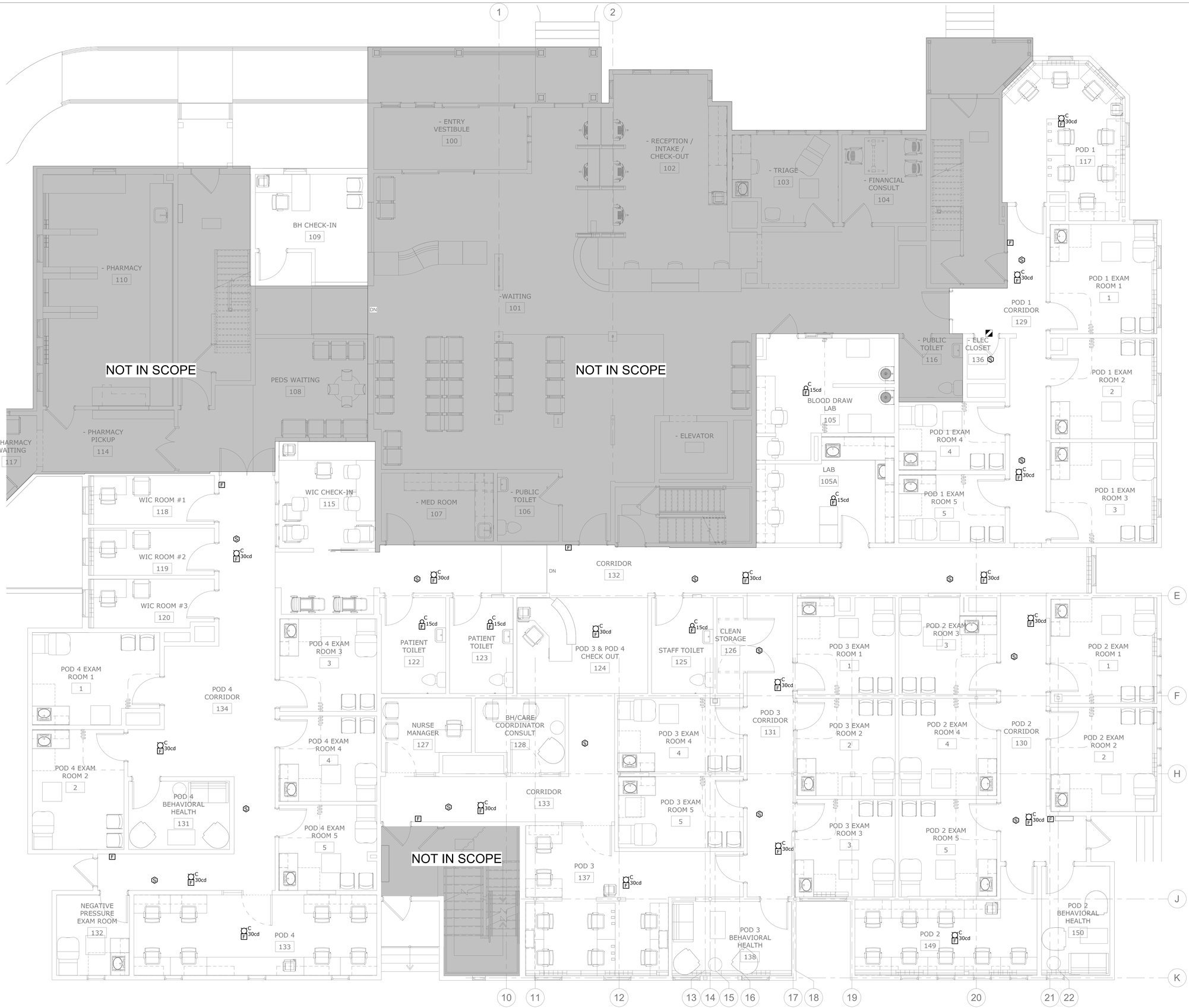
1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

FIRE ALARM LEGEND & GENERAL NOTES

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No: **FA-001**



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

THE FIRE ALARM SYSTEM WILL BE PROVIDED BY OTHERS

Revision Schedule	
Date	Description

STATE OF CONNECTICUT MATTHEW ROMANO 27315 LICENSED PROFESSIONAL ENGINEER
04/04/2025

STATE OF CONNECTICUT JASON CURTIS 30072 LICENSED PROFESSIONAL ENGINEER
04/04/2025

Geddis Architects
Architecture. Planning. Interiors
19 Ludlow Road, Suite 201
Westport, CT 06880
(203) 256-8700

Construction Manager
COLLIERS

MEP Engineer
TIGHE & BOND
53 Southhampton Road
Westfield, MA 10185
413-572-3226

N

PROJECT

Fair Haven Community Health Care FHCHC

1st Floor Renovation

375 Grand Avenue, New Haven, CT 06513

FIRE ALARM FIRST FLOOR PLAN

SEAL & SIGNATURE

DATE: 04/04/25
PROJECT No: F5050
DRAWING BY: SG
CHK BY: MB/MR
DWG No:
FA-101