

EMERY COUNTY SCHOOL DISTRICT

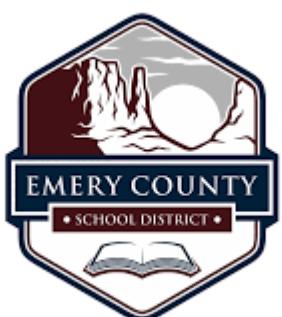
HUNTINGTON ELEMENTARY MECHANICAL UPGRADE

90 EAST 100 NORTH

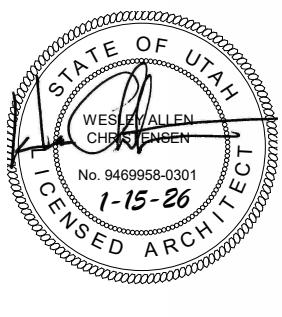
HUNTINGTON, UT 84528

PROJECT CONTACTS

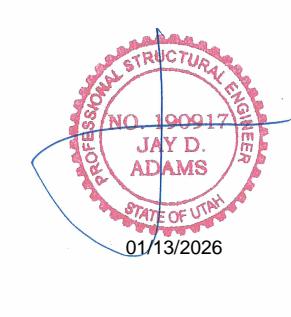
OWNER
EMERY COUNTY SCHOOL DISTRICT
120 NORTH MAIN STREET
HUNTINGTON, UTAH 84528
(435) 687-9846



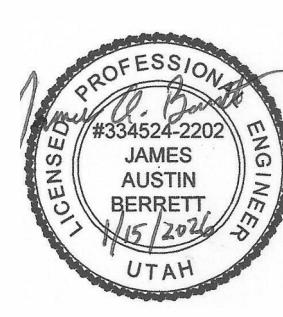
ARCHITECTURAL
KMA ARCHITECTS, INC.
170 NORTH MAIN STREET
SPANISH FORK, UTAH 84660
(801) 377-5062



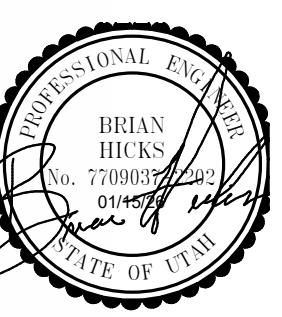
STRUCTURAL
DYNAMIC STRUCTURES
744 SOUTH 400 EAST,
OREM, UTAH 84097
(801) 356-1140



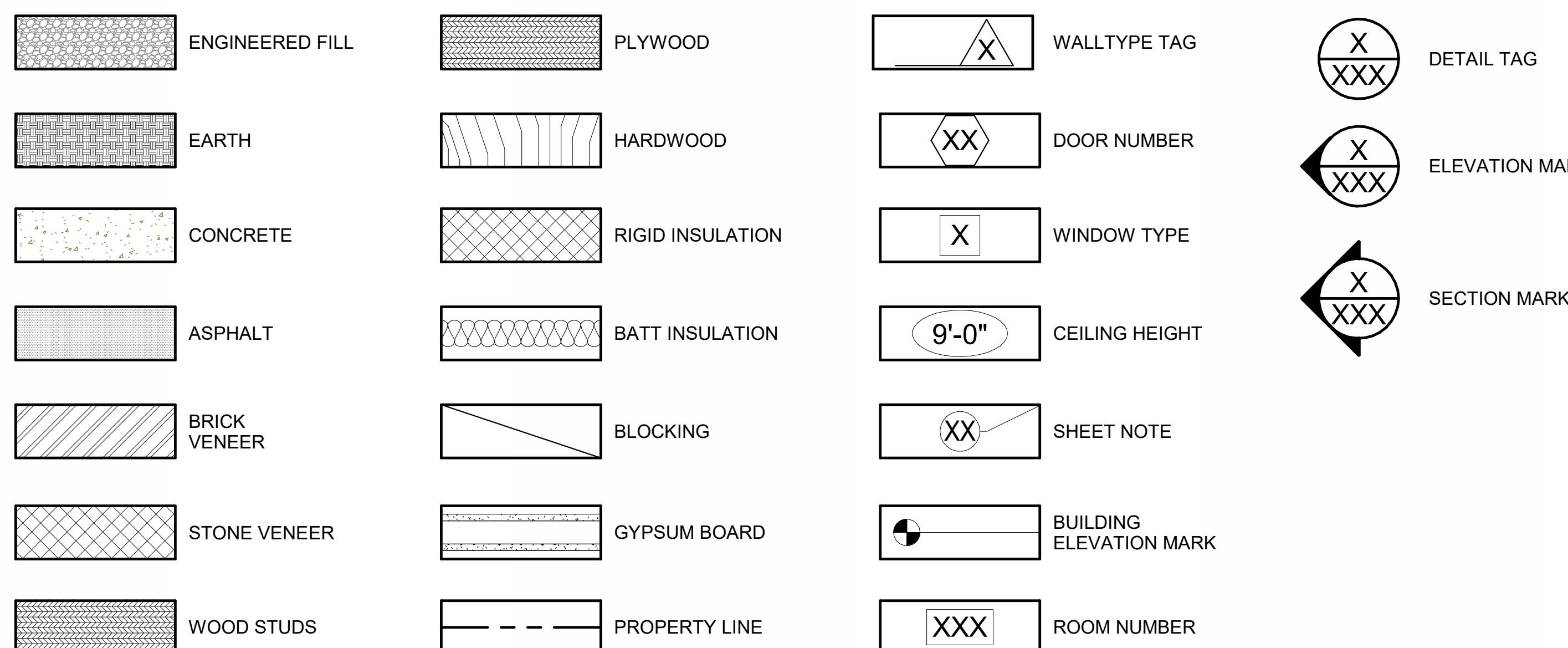
MECHANICAL
OLSEN & PETERSON ENGINEERING
14 EAST 2700 SOUTH
SALT LAKE CITY, UTAH 84115
(801) 486-4646



ELECTRICAL
RESOLUT
181 EAST 5600 SOUTH, SUITE 200
MURRAY, UTAH 84107
(801) 530-3148



GRAPHIC SYMBOLS



PROJECT DATA

APPROX. TOTAL BUILDING AREA: 48,870 SQ. FT.

PROJECT SCOPE

HUNTINGTON ELEMENTARY SCHOOL MECHANICAL UPGRADE CONSISTS OF INSTALLING NEW GAS FIRE/DX ROOF TOP UNITS ALONG WITH THE ASSOCIATED DUCT WORK, NEW HEAT PUMP INDOOR UNIT, NEW AIR COOLED OUTDOOR UNIT, CABINET UNIT HEATER, REPLACING A NEW MAKE-UP AIR UNIT, REPLACING EXISTING EXHAUST FANS, ELECTRICAL SYSTEMS WILL BE MODIFIED ACCORDINGLY TO MEET THE NEW MECHANICAL NEEDS, UPGRADING THE BUILDINGS MAIN SERVICE AND REPLACING EXISTING SWITCH GEAR. ROOF PATCHING IS REQUIRED FOR NEW PENETRATIONS AND STRUCTURAL BRACING AS NEEDED FOR THE NEW ROOF TOP UNITS. ARCHITECTURAL ITEMS WILL BE TO ADDRESS THE Affected AREAS DUE TO CONSTRUCTION.

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- P6.2 - PLUMBING DETAILS

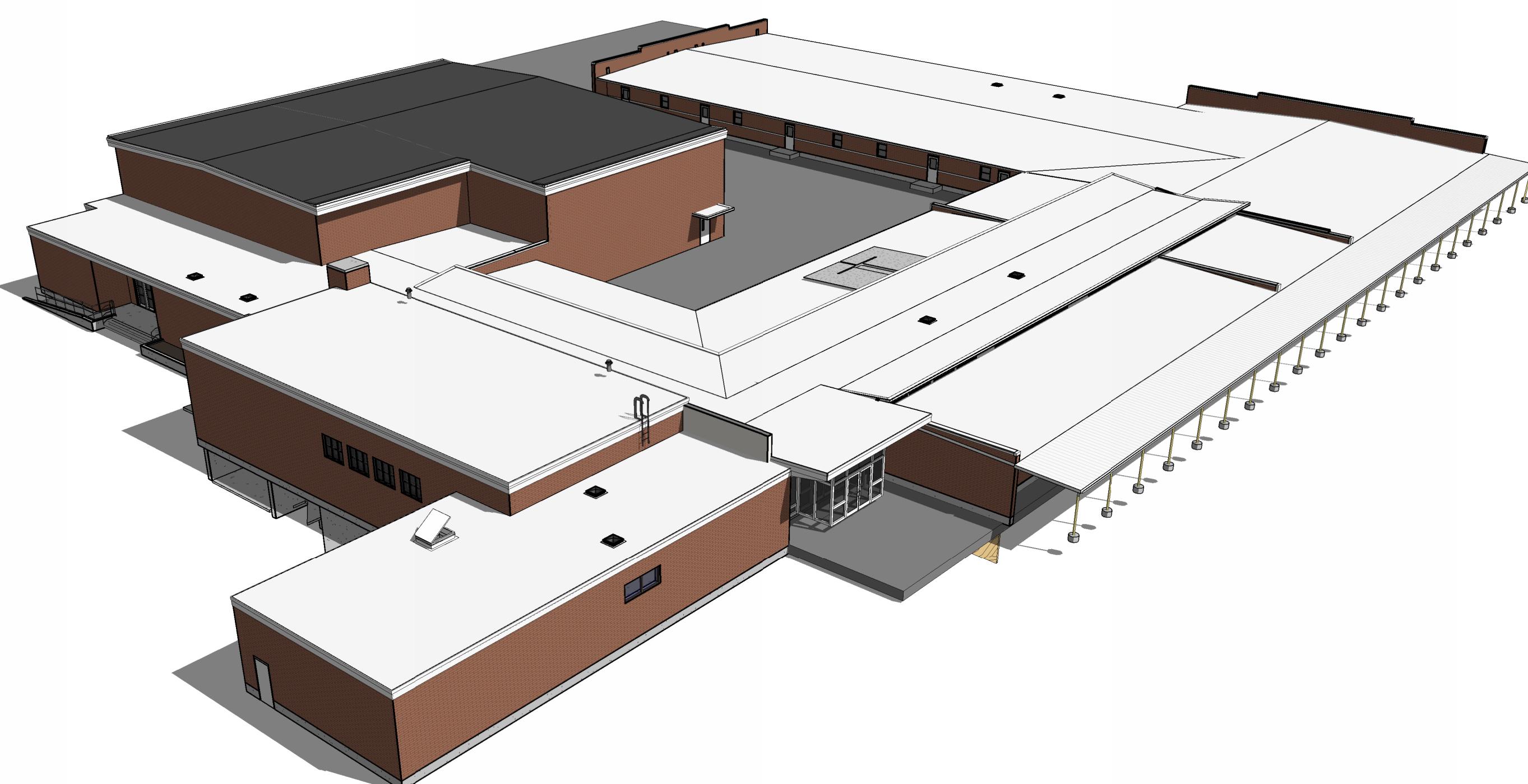
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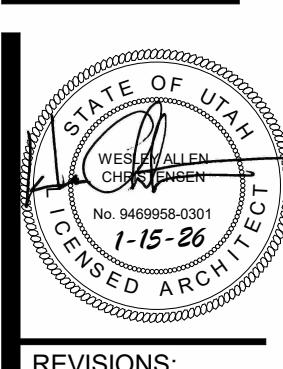


VICINITY MAP



170 NORTH MAIN STREET
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REVISIONS:

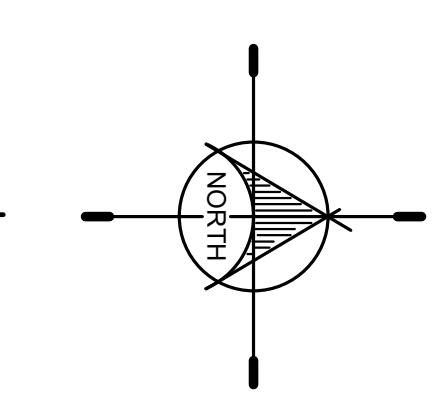
EMERY SCHOOL DISTRICT
HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
DRAWN BY: STAFF
CHECKED BY: WC
DATE: JAN 2026
PROJECT #: 176525

TITLE



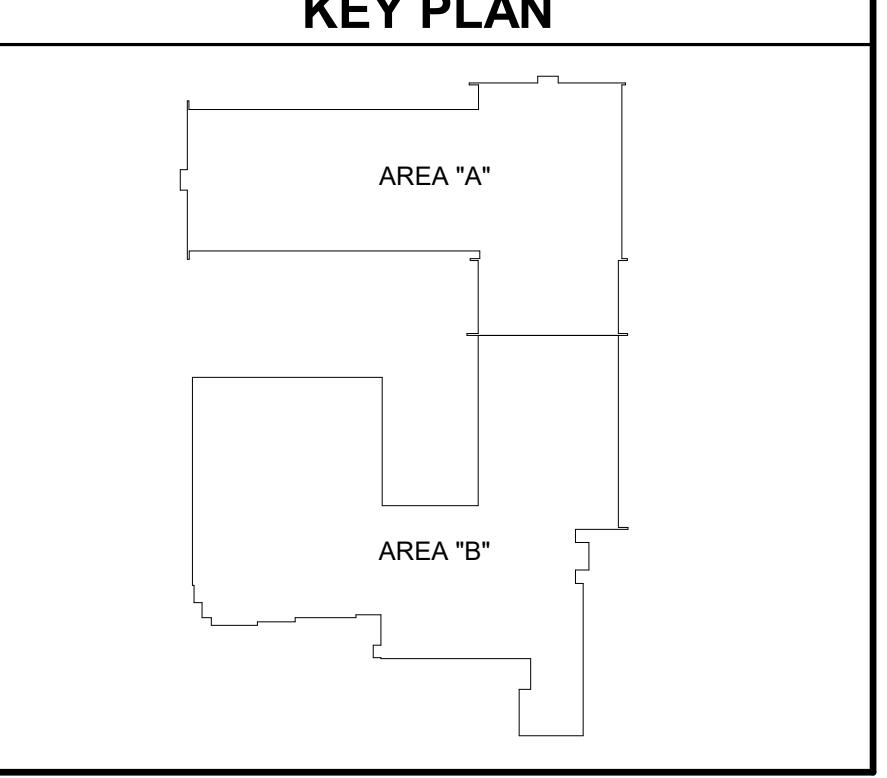
OVERALL MAIN FLOOR PLAN



1/16" = 1'-0"

GENERAL NOTES	
A -	COORDINATE WITH MECHANICAL PLANS FOR ADDITIONAL DEMOTION OF MECHANICAL SYSTEMS
B -	ADDITIONAL CEILINGS MAY NEED TO BE DEMOLISHED THAT MAY NOT BE NOTED. TO PROVIDE ADDITIONAL ACCESS FOR THE CONTRACTOR TO WORK ON CEILINGS, THE CONTRACTOR IS TO PLAN ON WORKING ABOVE AND AROUND THE CEILINGS AND TO BE CAREFUL TO PROTECT THE CEILING TILES, THE GRIDS, EXISTING LIGHTING, FIRE ALARM, AND ANY GYPSUM BOARD MATERIAL FROM ANY DAMAGE. THE CONTRACTOR SHALL REPLACE ANY DAMAGED MATERIALS.

KEY PLAN



PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
DRAWN BY: KMA
CHECKED BY: WC
DATE: JAN 2026
PROJECT #: 176525

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SPANISH FORK, UTAH 84660
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REVISIONS:

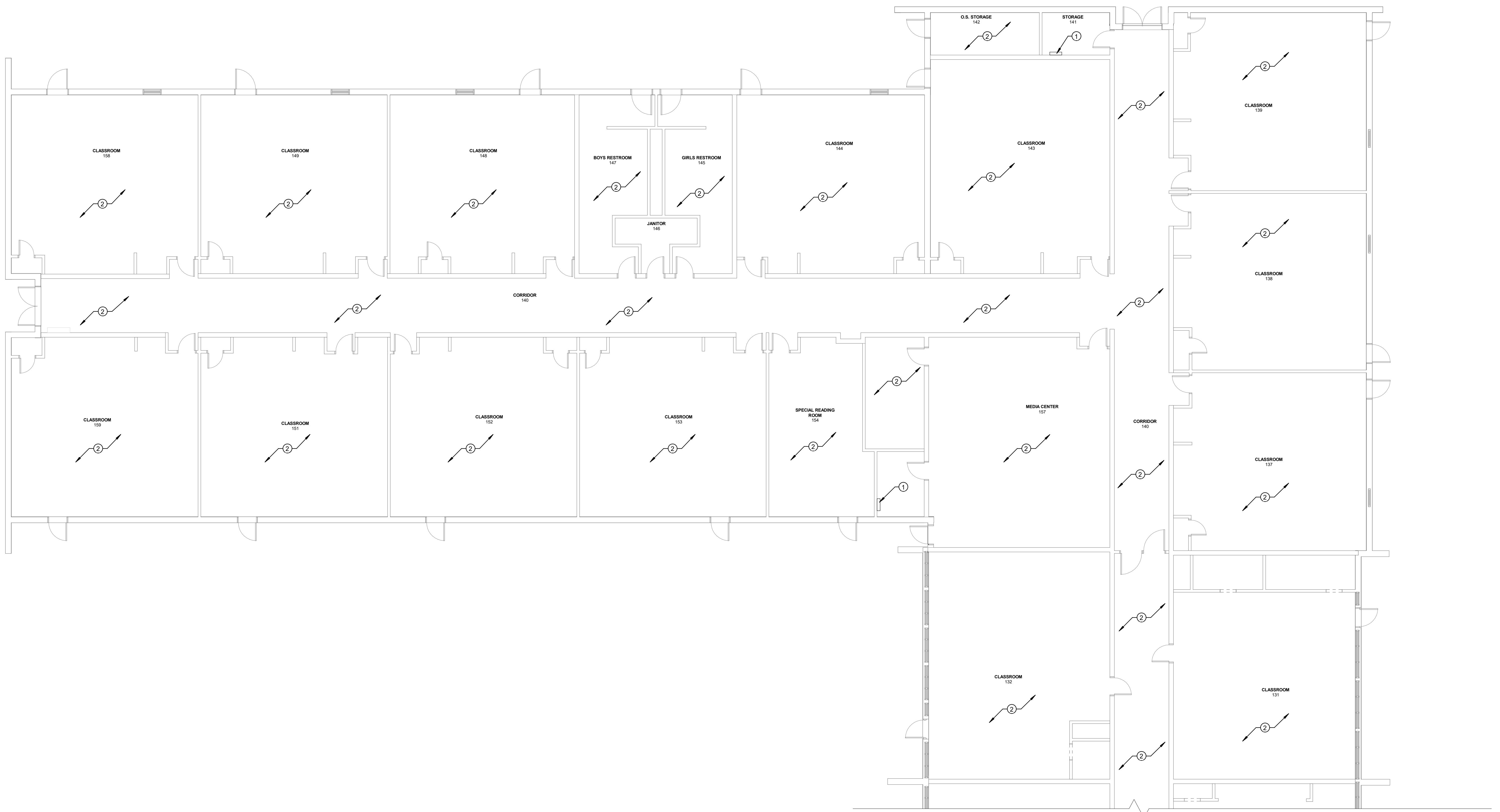
PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
DRAWN BY: KMA
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A1.1

SHEET NOTES

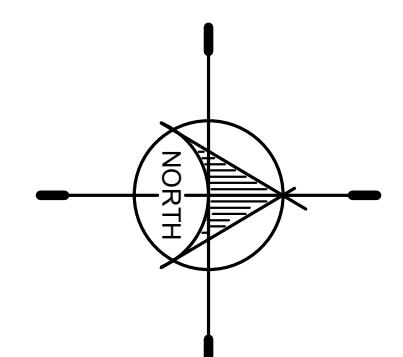
1 - PROPOSED NEW LOCATION OF THE ATC PANEL. COORDINATE IN FIELD WITH EXISTING CONDITIONS. PATCH AND REPAIR ALL EXISTING CONDITIONS DUE TO CONSTRUCTION.

2 - EXISTING CONSTRUCTION TO REMAIN. CONTRACTOR TO PATCH, REPAIR, AND CLEAN AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION.



AREA 'A' MAIN FLOOR PLAN

1/8" = 1'-0"

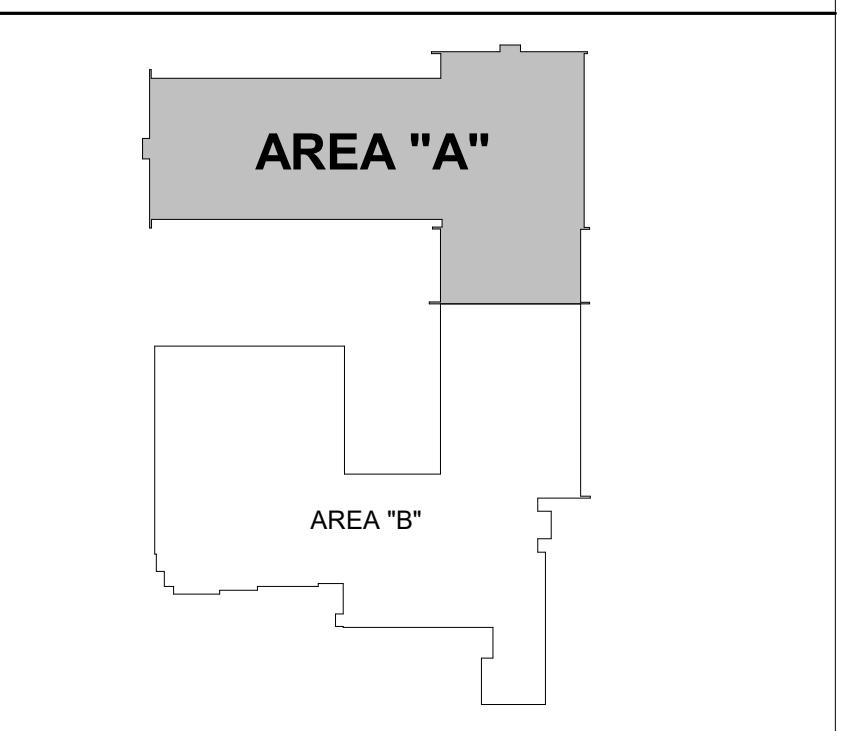


GENERAL NOTES

A - COORDINATE WITH MECHANICAL PLANS FOR ADDITIONAL DEMOTION OF MECHANICAL SYSTEMS

B - ADDITIONAL CEILINGS MAY NEED TO BE DEMOLISHED THAT MAY NOT BE NOTED. TO PROVIDE ADDITIONAL ACCESS FOR THIS, CONTRACTOR TO DEMOLISH CEILINGS. CONTRACTOR TO PLAN ON WORKING ABOVE AND AROUND THE CEILINGS AND TO BE CAREFUL TO PROTECT THE CEILING TILES, THE GRIDS, EXISTING LIGHTING, FIRE ALARM, AND ANY GYPSUM BOARD MATERIAL FROM ANY DAMAGE. THE CONTRACTOR SHALL REPLACE ANY DAMAGED MATERIALS.

KEY PLAN



PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

PROJECT TITLE: 90 E 100 N
DRAWN BY: KMA
CHECKED BY: WC
DATE: JAN 2026
PROJECT #: 176525

A1.1A

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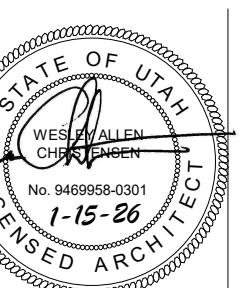
REVISIONS:

SHEET NOTES

- PROPOSED NEW LOCATION OF THE ATC PANEL. COORDINATE IN FIELD WITH EXISTING CONDITIONS. PATCH AND REPAIR ALL EXISTING CONDITIONS DUE TO CONSTRUCTION.
- EXISTING CONSTRUCTION TO REMAIN. CONTRACTOR TO PATCH, REPAIR, AND CLEAN AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION.
- EXISTING CHIMNEY BLOCK AND FOUNDATION TO BE REMOVED FOR NEW ELECTRICAL EQUIPMENT. CONTRACTOR TO COORDINATE WITH ELECTRICAL PLANS.
- EXISTING CONCRETE SLAB TO BE REMOVED TO PROVIDE ACCESS FOR NEW ELECTRICAL EQUIPMENT/CONDUIT. REPLACE CONCRETE SLAB TO MATCH EXISTING.
- CONTRACTOR IS TO PATCH EXISTING VOID RESULTING FROM DEMOLITION OF EXISTING CHIMNEY. CONCRETE IS TO BE FORMED INTO OPENING TO TIE IN WITH EXISTING FOUNDATION. COORDINATE WITH STRUCTURAL PLANS.
- PROVIDE NEW CONCRETE CURB FOR ELECTRICAL EQUIPMENT. COORDINATE SIZE AND THICKNESS WITH ELECTRICAL PLANS AND SPECS.

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REVISIONS:

1-15-26

EMERY SCHOOL DISTRICT
HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE

HUNTINGTON, UT 84528

PROJECT TITLE
90 E 100 N

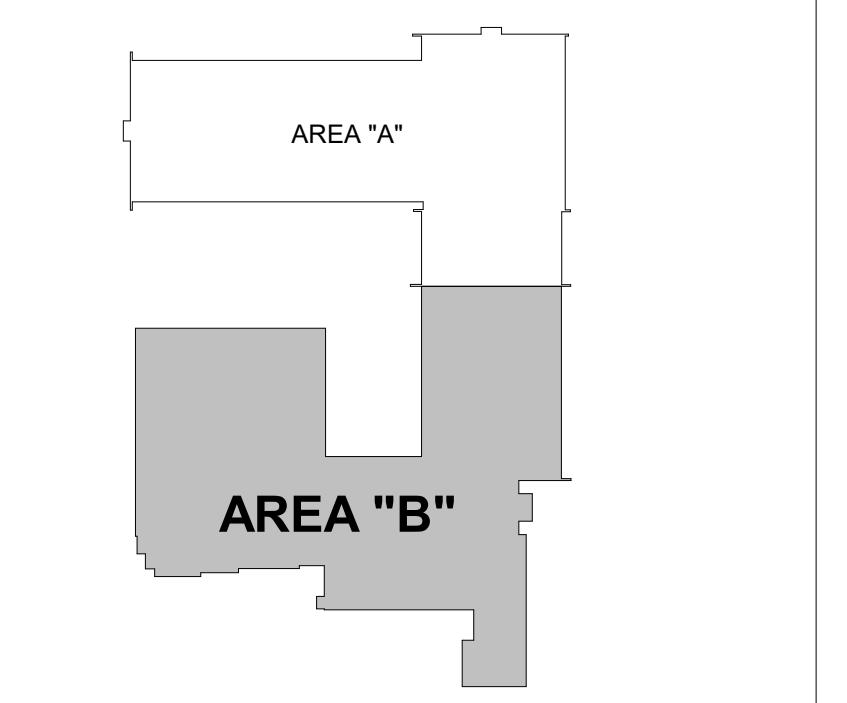
DRAWN BY: KMA
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A1.1B

GENERAL NOTES

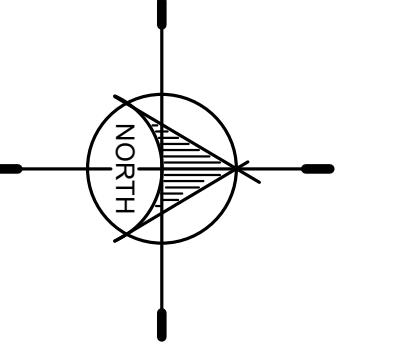
A - COORDINATE WITH MECHANICAL PLANS FOR ADDITIONAL DEMOTION OF MECHANICAL SYSTEMS
B - ADDITIONAL CEILINGS MAY NEED TO BE DEMOLISHED THAT MAY NOT BE NOTED. TO PROVIDE ADDITIONAL ACCESS FOR THE CONTRACTOR TO WORK ABOVE THE CEILINGS, THE CONTRACTOR IS TO PLAN ON WORKING ABOVE AND AROUND THE CEILINGS AND TO BE CAREFUL TO PROTECT THE CEILING TILES, THE GRIDS, EXISTING LIGHTING, FIRE ALARM, AND ANY GYPSUM BOARD EXISTING FROM ANY DAMAGE. THE CONTRACTOR SHALL REPLACE ANY DAMAGED MATERIALS.

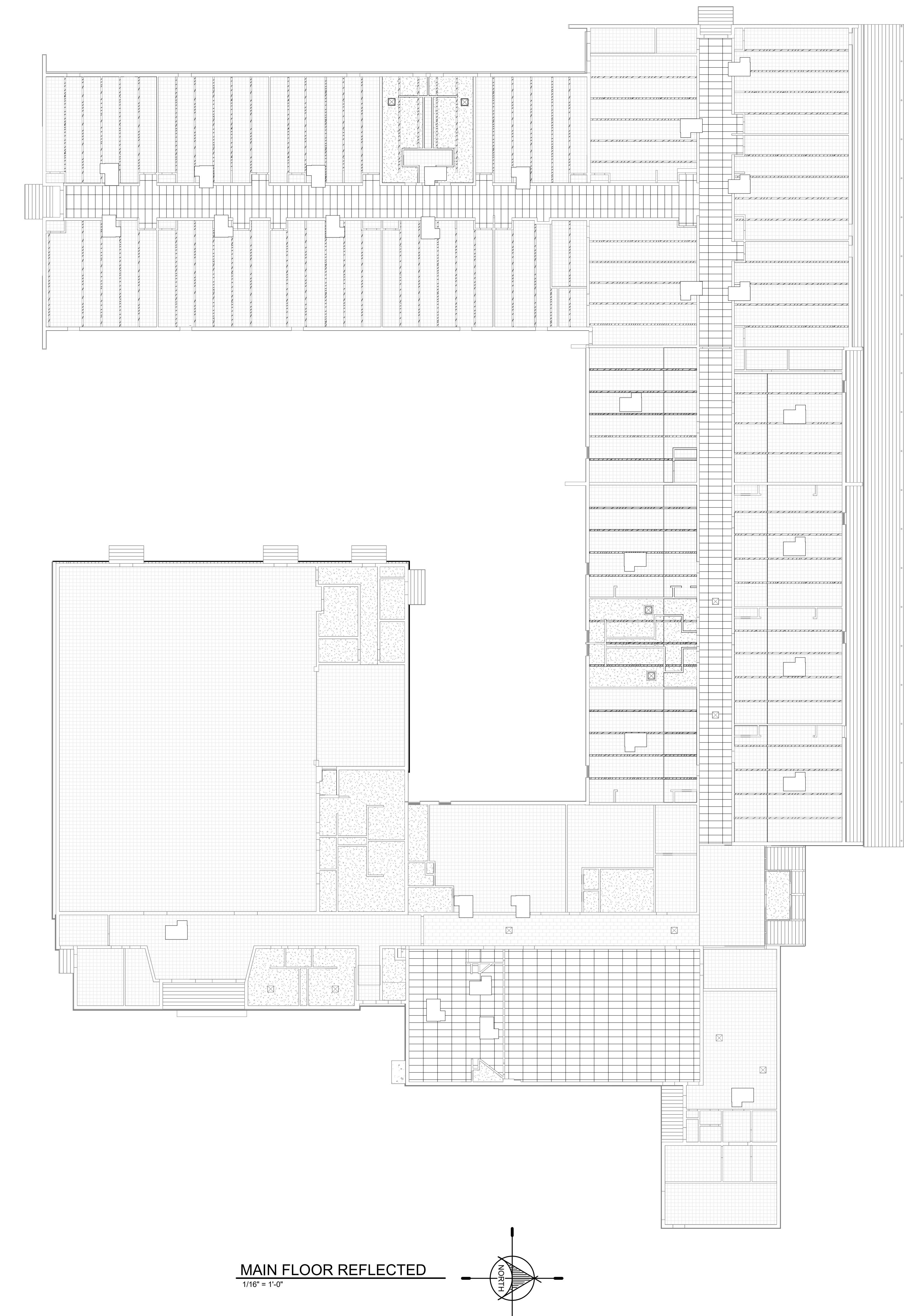
KEY PLAN



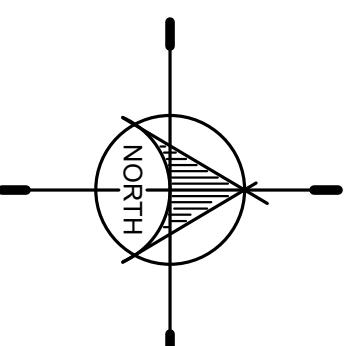
AREA 'B' MAIN FLOOR PLAN

1/8" = 1'-0"





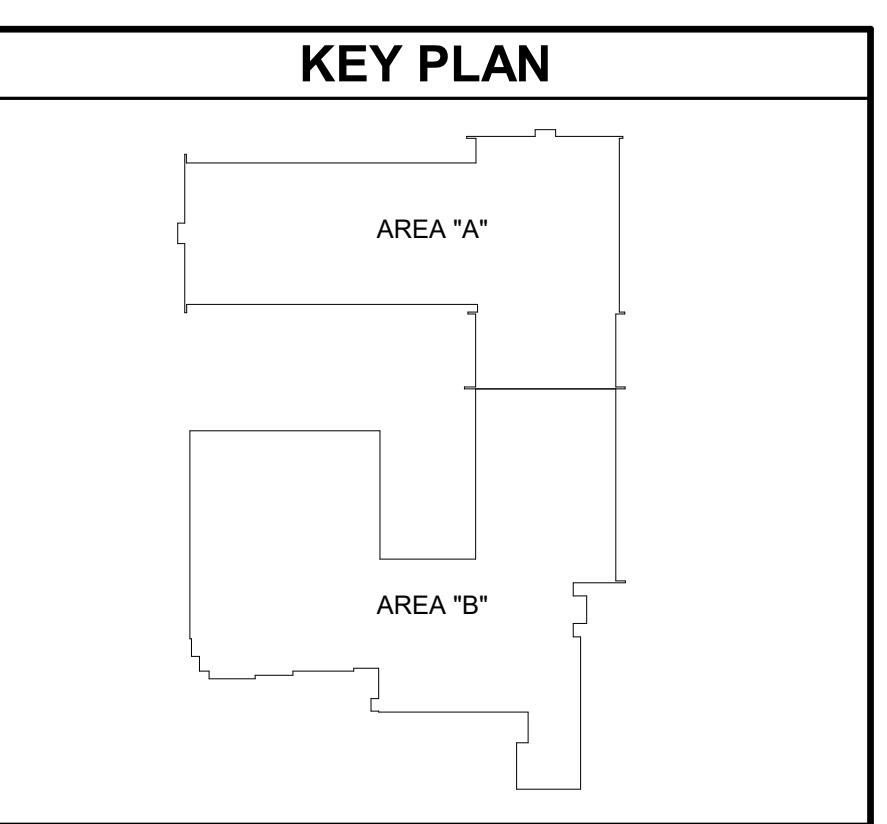
MAIN FLOOR REFLECTED
1/16" = 1'-0"



GENERAL NOTES

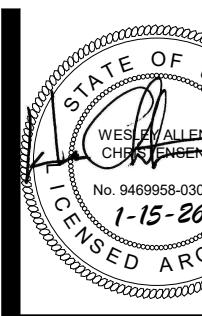
A - COORDINATE WITH MECHANICAL PLANS FOR ADDITIONAL DEMOTION OF MECHANICAL SYSTEMS.

B - ADDITIONAL CEILINGS MAY NEED TO BE DEMOLISHED THAT MAY BE REQUIRED FOR ADDITIONAL ACCESS FOR THE MECHANICAL SYSTEM AND CONTROLS. CONTRACTOR IS TO PLAN ON WORKING ABOVE AND AROUND THE CEILINGS AND TO BE CAREFUL TO PROTECT THE CEILING TILES, THE GRID, EXISTING LIGHTING, FIRE ALARMS, AND GLASS BOARD. EXISTING CEILINGS ARE TO REMAIN. THE CONTRACTOR SHALL REPLACE ANY DAMAGED MATERIALS.



PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
90 E 100 N
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

170 NORTH MAIN STREET
SPANISH FORK, UTAH 84660
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REVISIONS:

1/16" = 1'-0"

EMERY SCHOOL DISTRICT
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

DRAWN BY: KMA
CHECKED BY: WC
DATE: JAN 2026
PROJECT #: 176525

A2.1

1 - EXISTING CEILING TO BE REMOVED TO ALLOW ACCESS FOR DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR IS TO PRESERVE ALL CEILING ELEMENTS (LIGHT FIXTURES, CEILING TILE, CEILING GRID, ETC.) THAT IS REMOVED TO PROVIDE ACCESS WITHIN THE SHADED REGION. REINSTALL ALL ELEMENTS WHEN CONSTRUCTION IS COMPLETED. CONTRACTOR IS TO REPLACE ANY DAMAGED COMPONENTS CAUSED BY CONSTRUCTION.

2 - APPROXIMATE LOCATION OF NEW MECHANICAL UNIT. COORDINATE WITH MECHANICAL AND STRUCTURAL PLAN ON EXACT LOCATION AND BRACING - SEE STRUCTURAL DETAILS ON SHEET SX.0.

3 - CEILING TILE IS TO BE REMOVED AND REINSTALLED AS NEEDED TO ALLOW FOR ANY NEW CONTROL WIRES TO BE INSTALLED. CONTRACTOR IS TO FIX ANY GRID DAMAGED DUE TO CONSTRUCTION.

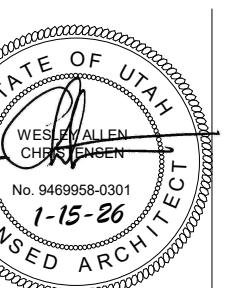
4 - EXISTING CONSTRUCTION TO REMAIN. CONTRACTOR TO PATCH, REPAIR, AND CLEAN AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION.

5 - EXISTING STRUCTURE TO REMAIN.

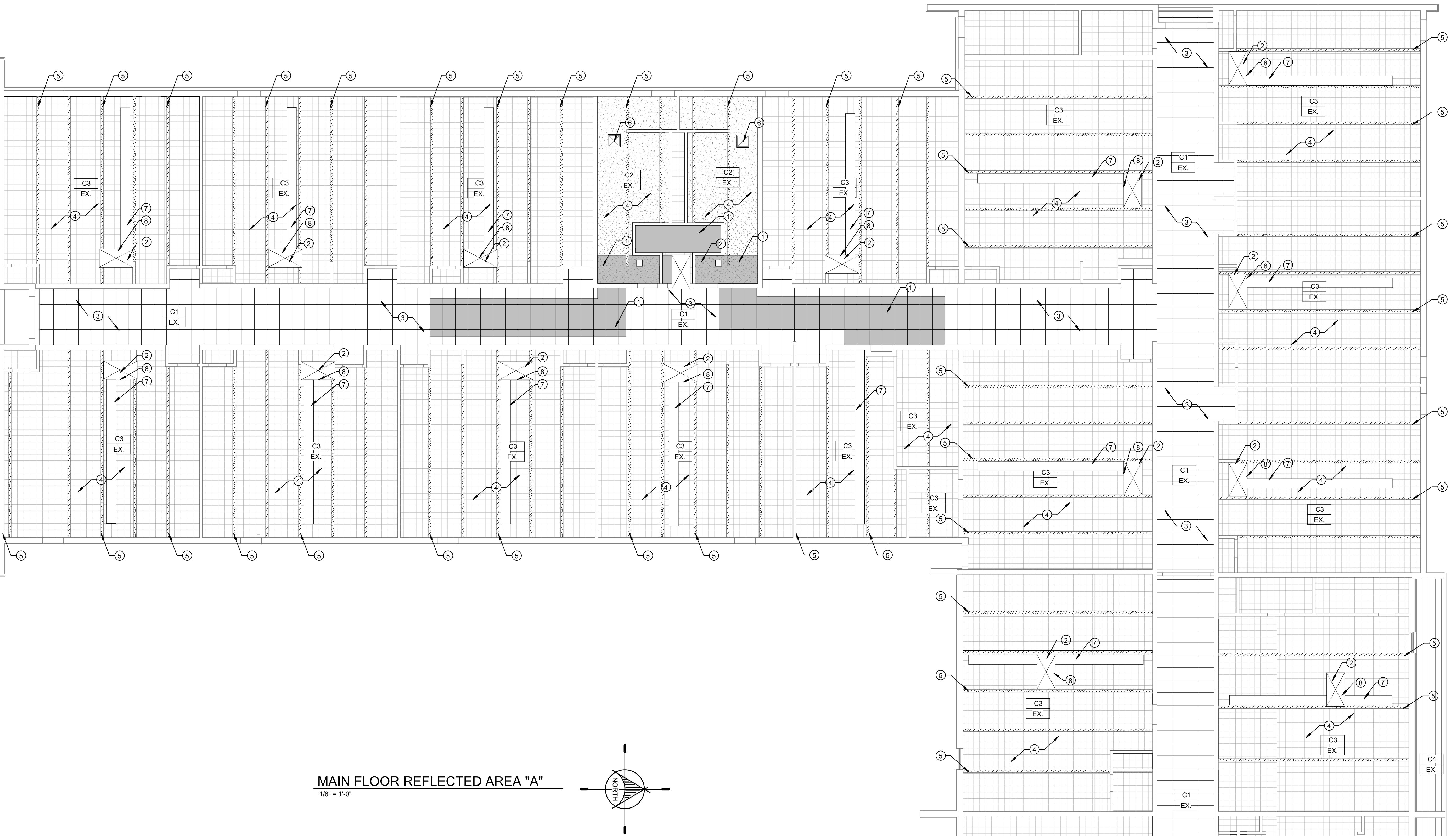
6 - EXISTING SKY LIGHTS TO REMAIN.

7 - NEW MECHANICAL EQUIPMENT AND DUCT WORK TO BE PAINTED - COLOR SELECTED BY ARCHITECT.

8 - NEW WOOD STRUCTURAL SUPPORTS ARE TO BE STAINED TO MATCH EXISTING BEAMS. STAIN COLOR TO BE APPROVED BY ARCHITECT.

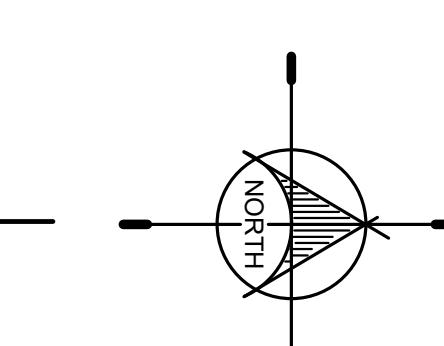


REVISIONS:



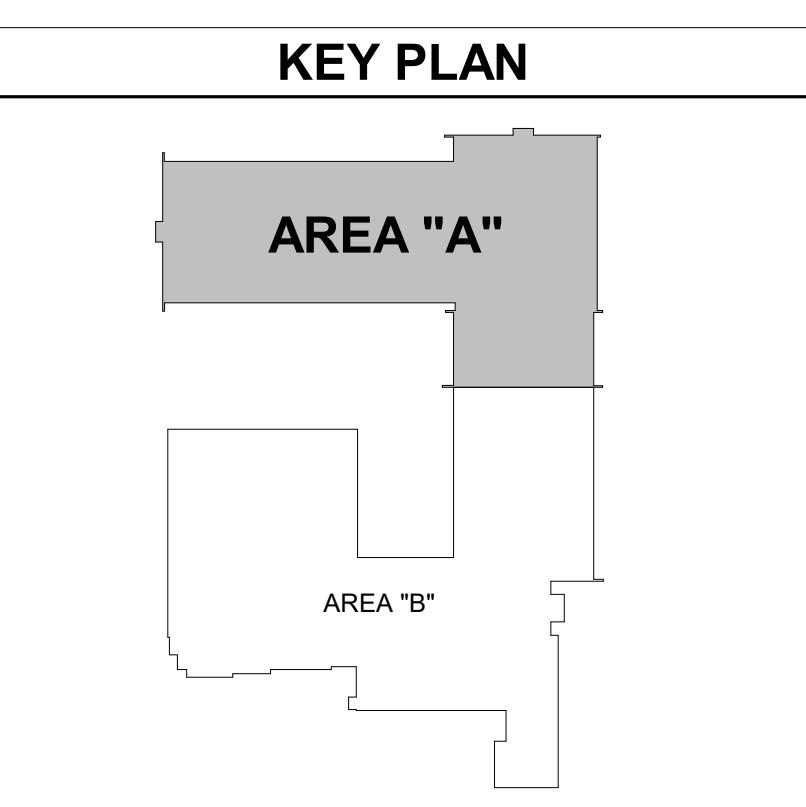
MAIN FLOOR REFLECTED AREA "A"

1/8" = 1'-0"



GENERAL NOTES	
A - COORDINATE WITH MECHANICAL PLANS FOR ADDITIONAL DEMOLITION OF MECHANICAL SYSTEMS	
B - ADDITIONAL CEILINGS MAY NEED TO BE DEMOLISHED THAT MAY NOT BE NOTED. TO PROVIDE ADDITIONAL ACCESS FOR THE MECHANICAL SYSTEM AND CONTROLS. CONTRACTOR IS TO PRESERVE ALL CEILING ELEMENTS (LIGHT FIXTURES, CEILING TILE, CEILING GRID, ETC.) THAT IS REMOVED TO PROVIDE ACCESS AND TO BE CAREFUL TO PROTECT THE CEILING TILES, THE GRIDS, EXISTING LIGHTING, FIRE ALARM, AND ANY GYPSUM BOARD MATERIAL FROM ANY DAMAGE. THE CONTRACTOR SHALL REPLACE ANY DAMAGED MATERIALS.	

CEILING LEGEND	
C1	EXISTING 2X4 CEILING GRID
C2	EXISTING 5/8" GYP BOARD (TEXTURED AND PAINTED)
C3	EXISTING GLUE UP CEILING TILES
C4	EXISTING SOFFIT
	EXISTING CEILING HEIGHT (VERIFY ELEVATION) C1 EX.
	LIGHT FIXTURES
	MECHANICAL DIFFUSERS

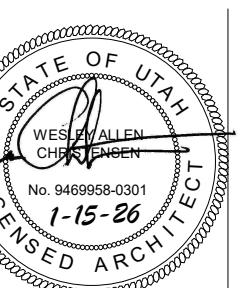


SHEET NOTES

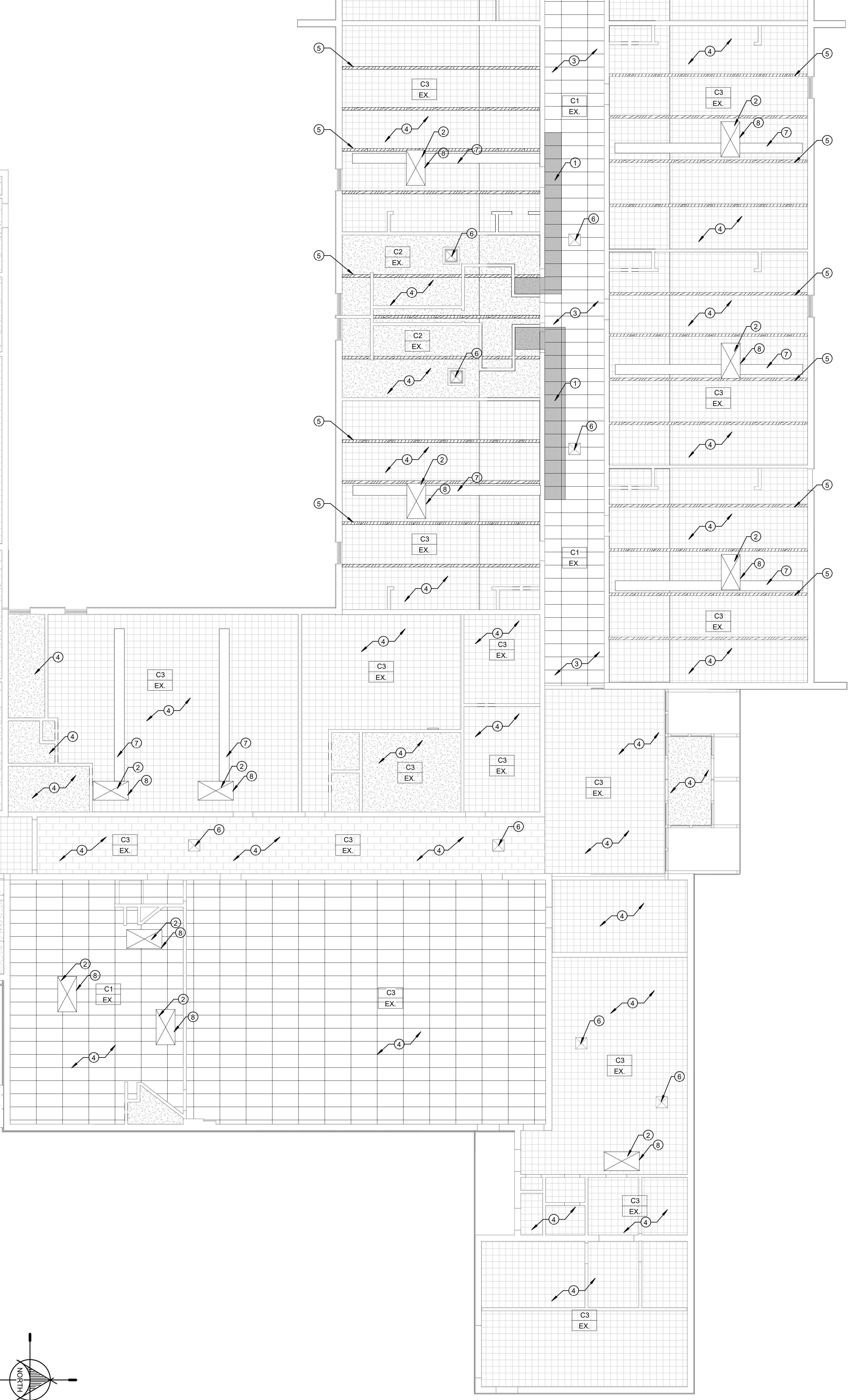
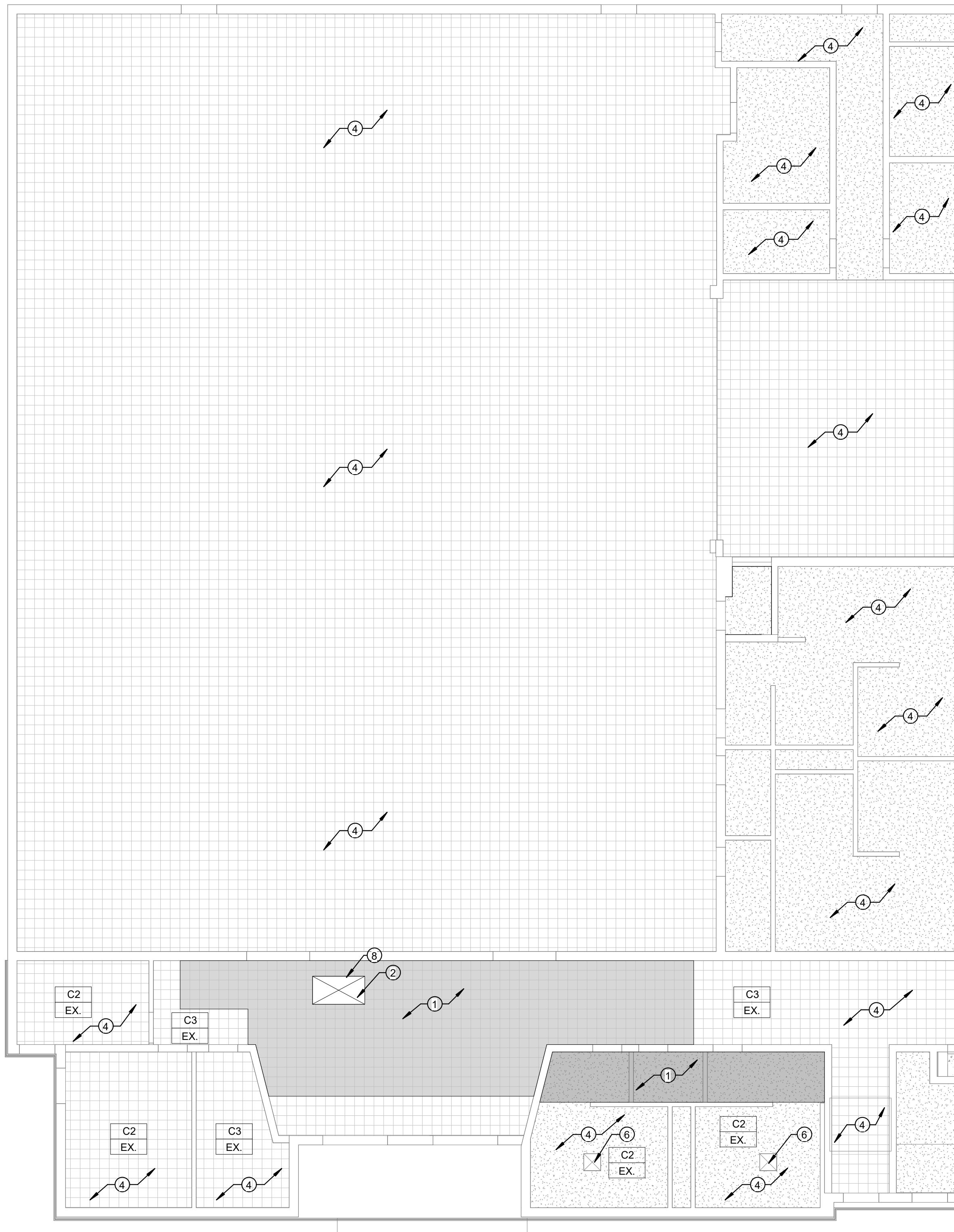
- EXISTING CEILING TO BE REMOVED TO ALLOW ACCESS FOR DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR IS TO PRESERVE ALL CEILING ELEMENTS (LIGHT FIXTURES, CEILING TILE, CEILING GRID, ETC) THAT IS REMOVED TO PROVIDE ACCESS WITHIN THE SHADED REGION. REINSTALL ALL ELEMENTS WHEN DEMOLITION IS COMPLETED. CONTRACTOR IS TO REPLACE ANY DAMAGED COMPONENTS CAUSED BY CONSTRUCTION.
- APPROXIMATE LOCATION OF NEW MECHANICAL UNIT. COORDINATE WITH MECHANICAL AND STRUCTURAL PLAN ON EXACT LOCATION AND BRACING - SEE STRUCTURAL DETAILS ON SHEET S2.0.
- CEILING TILE IS TO BE REMOVED AND REINSTALLED AS NEEDED TO ALLOW FOR ANY NEW CONTROL WIRES TO BE INSTALLED. CONTRACTOR IS TO FIX ANY GRID DAMAGED DUE TO CONSTRUCTION.
- EXISTING CONSTRUCTION TO REMAIN. CONTRACTOR TO PATCH, REPAIR AND CLEAN AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION.
- EXISTING STRUCTURE TO REMAIN.
- EXISTING SKY LIGHTS TO REMAIN.
- NEW MECHANICAL EQUIPMENT AND DUCT WORK TO BE PAINTED - COLOR SELECTED BY ARCHITECT.
- NEW WOOD STRUCTURAL SUPPORTS ARE TO BE STAINED TO MATCH EXISTING BEAMS. STAIN COLOR TO BE APPROVED BY ARCHITECT.

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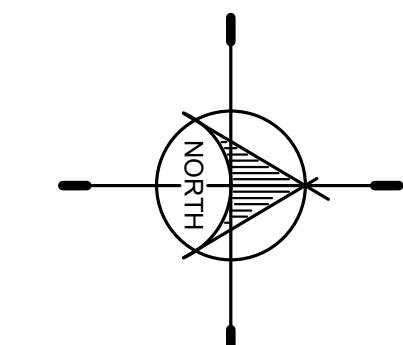


REVISIONS:



MAIN FLOOR REFLECTED AREA "B"

1/8" = 1'-0"



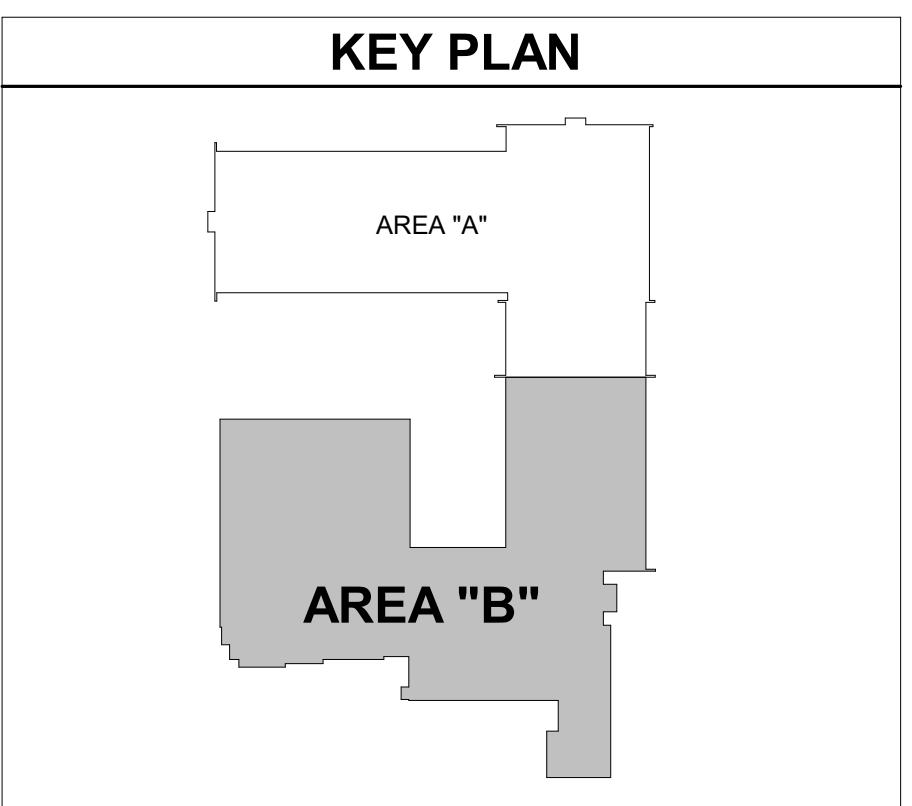
GENERAL NOTES

A - COORDINATE WITH MECHANICAL PLANS FOR ADDITIONAL DEMOLITION OF MECHANICAL SYSTEMS
B - ADDITIONAL CEILINGS MAY NEED TO BE DEMOLISHED THAT MAY NOT BE NOTED. TO PROVIDE ADDITIONAL ACCESS FOR MECHANICAL SYSTEMS AND CONTROL CONTRACTOR IS TO PLAN CONCRETE ABOVE AND AROUND THE CEILINGS AND TO BE CAREFUL TO PROTECT THE CEILING TILES, THE GRIDS, EXISTING LIGHTING, FIRE ALARM, AND ANY GYPSUM BOARD MATERIAL FROM ANY DAMAGE. THE CONTRACTOR SHALL REPLACE ANY DAMAGED MATERIALS.

CEILING LEGEND

C1	EXISTING 2X4 CEILING GRID.	
C2	EXISTING 5/8" GYP. BOARD (TEXTURED AND PAINTED)	
C3	EXISTING GLUE UP CEILING TILES	
C4	EXISTING SOFFIT	
	EXISTING CEILING HEIGHT (VERIFY ELEVATION)	
	LIGHT FIXTURES	
	MECHANICAL DIFFUSERS	

KEY PLAN

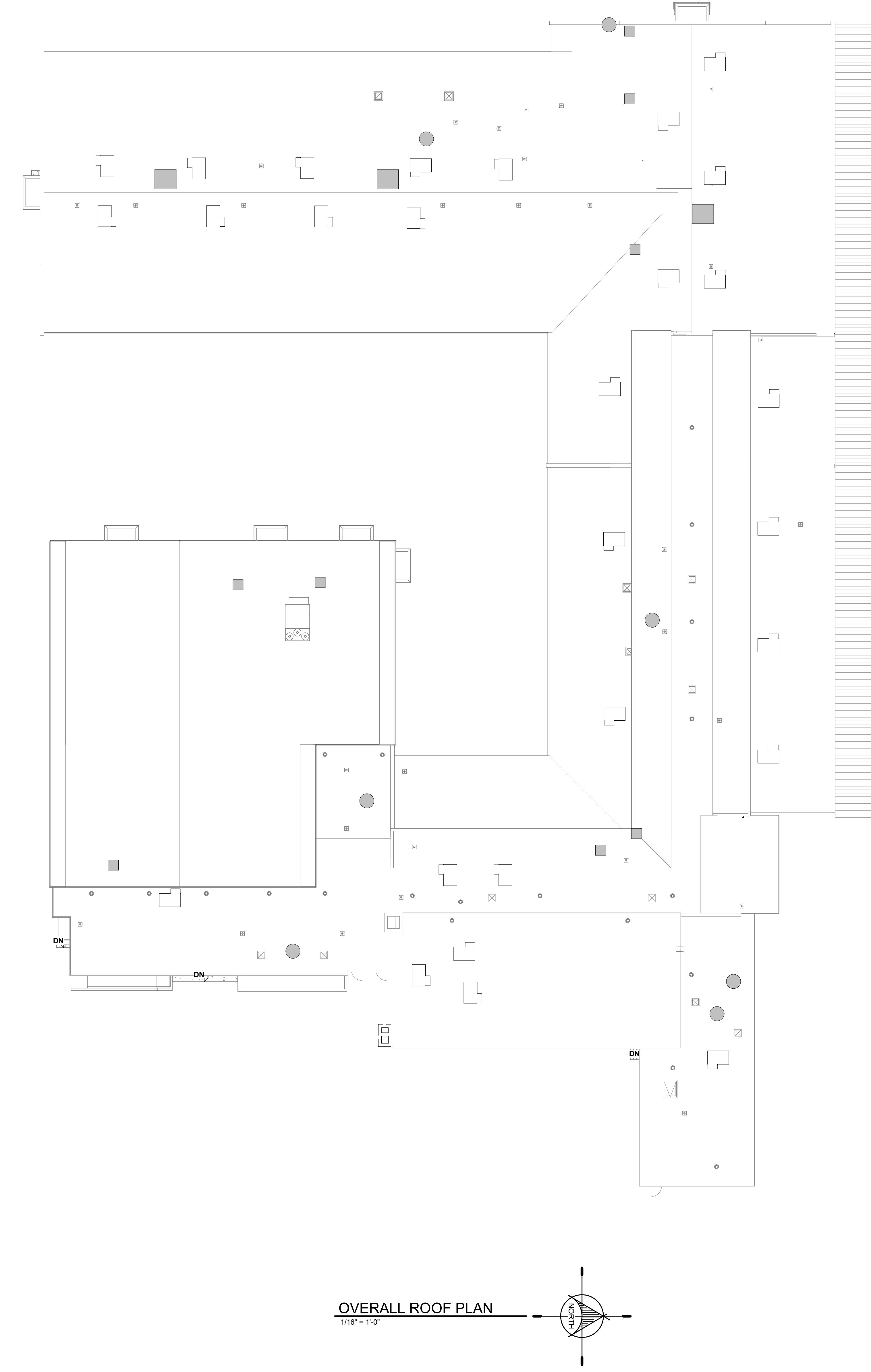


PROJECT TITLE

EMERY SCHOOL DISTRICT
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

DRAWN BY: KMA
CHECKED BY: WC
DATE: JAN 2026
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A2.1B



GENERAL NOTES

- A - ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. PROVIDE FLASHINGS, CRICKETS, AND REGLETS AT EACH UNIT SHOWN OR NOT. VERIFY ALL EXISTING PENETRATIONS.
- B - PROVIDE FLASHING AND ROOFING BOOTS FOR ALL ELECTRICAL, CONDUIT PENETRATIONS THROUGH ROOF - VERIFY ALL EXISTING ELECTRICAL PENETRATIONS.
- C - ALL ROOF CRICKETS TO BE SIZED AND SLOPED TO MATCH EXISTING.
- D - ALL MEMBRANE ROOFING AREAS TO MATCH EXISTING SLOPE.
- E - ALL MECHANICAL, ROOF HATCH, SKYLIGHT, AND SOLAR TUBE CURBS TO BE 18" MINIMUM ABOVE ROOF DECK.
- F - CONTRACTOR RESPONSIBLE FOR ANY INTERIOR DAMAGES DUE TO MECHANICAL UPGRADE.
- G - CONTRACTOR IS TO PRESERVE, PROTECT, REPLACE ALL EXISTING CONDITIONS THAT ARE AFFECTED DUE TO CONSTRUCTION.
- H - CONTRACTOR IS TO DOCUMENT EXISTING CONDITIONS BEFORE STARTING DEMOLITION.



GENERAL DEMOLITION NOTES

- 1 - CONTRACTOR TO PROVIDE PLYWOOD SHEATHING, INSULATION, AND MEMBRANE FOR WALLS & ROOF TO PROTECT INTERIOR FROM WEATHER DURING DEMOLITION AND CONSTRUCTION.
- 2 - ALL PLUMBING, HVAC, & ELECTRICAL WILL BE RE-ROUTED OR MODIFIED TO ALLOW COMPLETE CONTINUITY OF UTILITY SERVICE FOR SCHOOL OPERATION DURING CONSTRUCTION.
- 3 - STAGING TO BE DETERMINED BY GENERAL CONTRACTOR. (COSTS FOR TEMPORARY STAGING BY CONTRACTOR.)
- 4 - CONSTRUCTION FENCING SEPARATE NEW CONSTRUCTION AND DEMOLITION FROM ALL STUDENT ACTIVITY. (COSTS FOR TEMPORARY CONSTRUCTION FENCING BY CONTRACTOR.)
- 5 - CONSTRUCTION AND DEMOLITION ACCESS TO BE DETERMINED BY GENERAL CONTRACTOR AND OWNER.

PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL

MECHANICAL UPGRADE

HUNTINGTON, UT 84528

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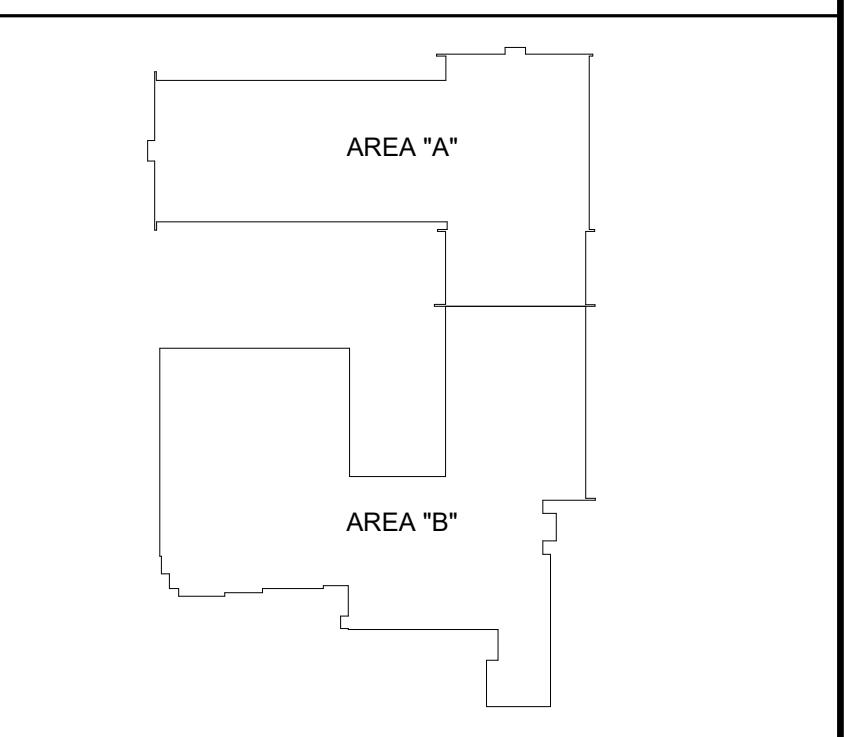


REVISIONS:

ROOFING DEMOLITION NOTE

- A - CONTRACTOR TO INCLUDE ANY NEW ROOF DECKING, 6" RIGID INSULATION, CURBING, AND SHEET MEMBRANE ROOFING AT ANY ROOF PENETRATION DUE TO CONSTRUCTION. COORDINATE ALL ROOF PENETRATIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL AND KITCHEN SHEETS FOR ROOF REPAIRS.
- B - CONTRACTOR TO ADD NEW PLYWOOD DECKING, 6" RIGID INSULATION, CURBING, AND SHEET MEMBRANE ROOFING AT CURBS BY REMOVAL OF ANY EXISTING UNITS. REFER TO MECHANICAL DEMOLITION SHEET FOR LOCATIONS.

KEY PLAN



DRAWN BY: KMA
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A2.3

SHEET NOTES

- EXISTING MECHANICAL UNITS, VENTS, PIPING, ETC. COORDINATE WITH MECHANICAL DEMOLITION PLANS. IF COMPONENT IS TO BE REMOVED CONTRACTOR IS TO PATCH AND REPAIR THE ROOF AND DECKING. IF THE COMPONENT IS NOT TO BE REMOVED PRESERVE AND PROTECT DURING CONSTRUCTION.
- EXISTING SKY LIGHTS TO REMAIN.
- APPROXIMATE LOCATION OF NEW MECHANICAL UNIT. REMOVE EXISTING ROOF FOR NEW MECHANICAL UNIT CURB. PATCH AND REPAIR ALL ADDITIONAL PENETRATIONS. COORDINATE WITH MECHANICAL PLANS.
- EXISTING ROOF MEMBRANE AND INSULATION TO REMAIN - PATCH AND REPAIR DUE TO CONSTRUCTION.
- NEW MECHANICAL CURBING AND FLASHING AT ALL NEW UNITS TO PROVIDE PROPER DRAINAGE SEE MECHANICAL DETAIL ON SHEET M6.1.



GENERAL NOTES

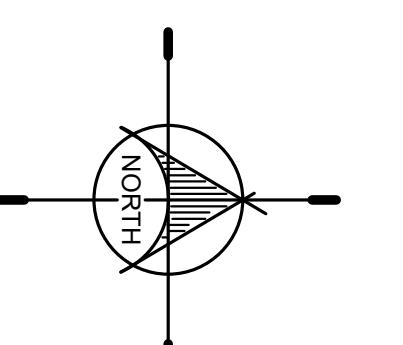
- A - ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. PROVIDE FLASHING, CRICKETS, AND REPAIRS AT EACH UNIT SHOWN OR NOT. VERIFY ALL EXISTING PENETRATIONS.
- B - PROVIDE FLASHING AND ROOFING BOOTS FOR ALL ELECTRICAL, CONDUIT PENETRATIONS THROUGH ROOF - VERIFY ALL EXISTING ELECTRICAL PENETRATIONS.
- C - ALL ROOF CRICKETS TO BE SIZED AND SLOPED TO MATCH EXISTING.
- D - ALL MEMBRANE ROOFING AREAS TO MATCH EXISTING SLOPE.
- E - ALL MECHANICAL, ROOF HATCH, SKYLIGHT, AND SOLAR PANEL CURBS TO BE 18" MINIMUM ABOVE ROOF DECK.
- F - CONTRACTOR IS RESPONSIBLE FOR ANY INTERIOR DAMAGES DUE TO MECHANICAL UPGRADE.
- G - CONTRACTOR IS TO PRESERVE, PROTECT, REPLACE ALL EXISTING CONDITIONS THAT ARE AFFECTED DUE TO CONSTRUCTION.
- H - CONTRACTOR IS TO DOCUMENT EXISTING CONDITIONS BEFORE STARTING DEMOLITION.

GENERAL DEMOLITION NOTES

- 1 - CONTRACTOR TO PROVIDE PLYWOOD SHEATHING, INSULATION, AND MEMBRANE FOR WALLS & ROOF TO PROTECT INTERIOR FROM WEATHER DURING DEMOLITION AND CONSTRUCTION.
- 2 - ALL PLUMBING, HVAC, & ELECTRICAL WILL BE RE-ROUTED OR MODIFIED TO ALLOW COMPLETE CONTINUITY OF UTILITY SERVICE FOR SCHOOL OPERATION DURING CONSTRUCTION.
- 3 - STAGING TO BE DETERMINED BY GENERAL CONTRACTOR. (COSTS FOR TEMPORARY STAGING BY CONTRACTOR.)
- 4 - CONSTRUCTION FENCING SEPARATE NEW CONSTRUCTION AND DEMOLITION FROM ALL STUDENT ACTIVITY. (COSTS FOR TEMPORARY CONSTRUCTION FENCING BY CONTRACTOR.)
- 5 - CONSTRUCTION AND DEMOLITION ACCESS TO BE DETERMINED BY GENERAL CONTRACTOR AND OWNER.

ROOF PLAN "A"

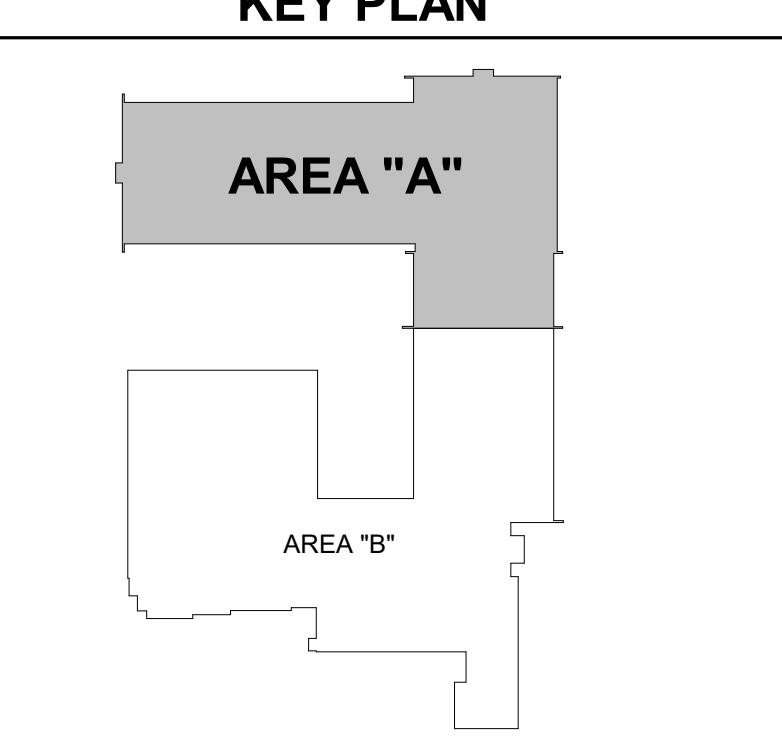
1/8" = 1'-0"



ROOFING DEMOLITION NOTE

- A - CONTRACTOR TO INCLUDE ANY NEW ROOF DECKING, 6" RIGID INSULATION, CURBING, AND SHEET MEMBRANE ROOFING AT ANY ROOF PENETRATION DUE TO CONSTRUCTION. COORDINATE ALL ROOF PENETRATIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL AND KITCHEN SHEETS FOR ROOF REPAIRS.
- B - CONTRACTOR TO ADD NEW PLYWOOD DECKING, 6" RIGID INSULATION, CURBING, AND SHEET MEMBRANE ROOFING AT CURBS BY REMOVAL OF ANY EXISTING UNITS. REFER TO MECHANICAL DEMOLITION SHEET FOR LOCATIONS.

KEY PLAN



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REVISIONS: 1-15-26

EMERY SCHOOL DISTRICT
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

PROJECT TITLE
HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
90 E 100 N

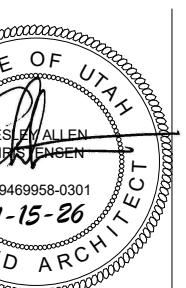
DRAWN BY: KMA
CHECKED BY: WC
DATE: JAN 2026
PROJECT #: 176525

A2.3A

SHEET NOTES

- EXISTING MECHANICAL UNITS, VENTS, PIPING, ETC. COORDINATE WITH MECHANICAL DEMOLITION PLANS. IF COMPONENT IS TO BE REMOVED PRESERVE AND PATCH AND REPAIR THE ROOF AND DECKING. IF THE COMPONENT IS NOT TO BE REMOVED PRESERVE AND PROTECT DURING CONSTRUCTION.
- EXISTING SKYLIGHT TO REMAIN (TYP.)
- EXISTING ROOF DRAIN TO REMAIN (TYP.)
- EXISTING ROOF ACCESS HATCH TO REMAIN.
- EXISTING ACCESS LADDER TO REMAIN.
- APPROXIMATE LOCATION OF NEW MECHANICAL UNIT. REMOVE EXISTING ROOF FOR NEW MECHANICAL UNIT CURB, PATCH AND REPAIR ALL ADDITIONAL PENETRATIONS. COORDINATE WITH MECHANICAL PLANS.
- NEW MECHANICAL CURBING AND FLASHING AT ALL NEW UNITS TO PROVIDE PROPER DRAINAGE SEE MECHANICAL DETAIL ON SHEET M6.1.
- EXISTING ROOF MEMBRANE AND INSULATION TO REMAIN - PATCH AND REPAIR DUE TO CONSTRUCTION.

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GENERAL NOTES

- ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. PROVIDE FLASHING, CRICKETS, AND REGDRAINS AT EACH UNIT SHOWN OR NOT. VERIFY ALL EXISTING PENETRATIONS.
- PROVIDE FLASHING AND ROOFING BOOTS FOR ALL ELECTRICAL, CONDUIT PENETRATIONS THROUGH ROOF - VERIFY ALL EXISTING ELECTRICAL PENETRATIONS.
- ALL ROOF CRICKETS TO BE SIZED AND SLOPED TO MATCH EXISTING.
- ALL MEMBRANE ROOFING AREAS TO MATCH EXISTING SLOPE.
- MECHANICAL, ROOF HATCH, SKYLIGHT, AND SOLAR CURBS TO BE 18" MINIMUM ABOVE ROOF DECK.
- CONTRACTOR RESPONSIBLE FOR ANY INTERIOR DAMAGES DUE TO MECHANICAL UPGRADE.
- CONTRACTOR IS TO PRESERVE, PROTECT, REPLACE ALL EXISTING CONDITIONS THAT ARE AFFECTED DUE TO CONSTRUCTION.
- CONTRACTOR IS TO DOCUMENT EXISTING CONDITIONS BEFORE STARTING DEMOLITION.

GENERAL DEMOLITION NOTES

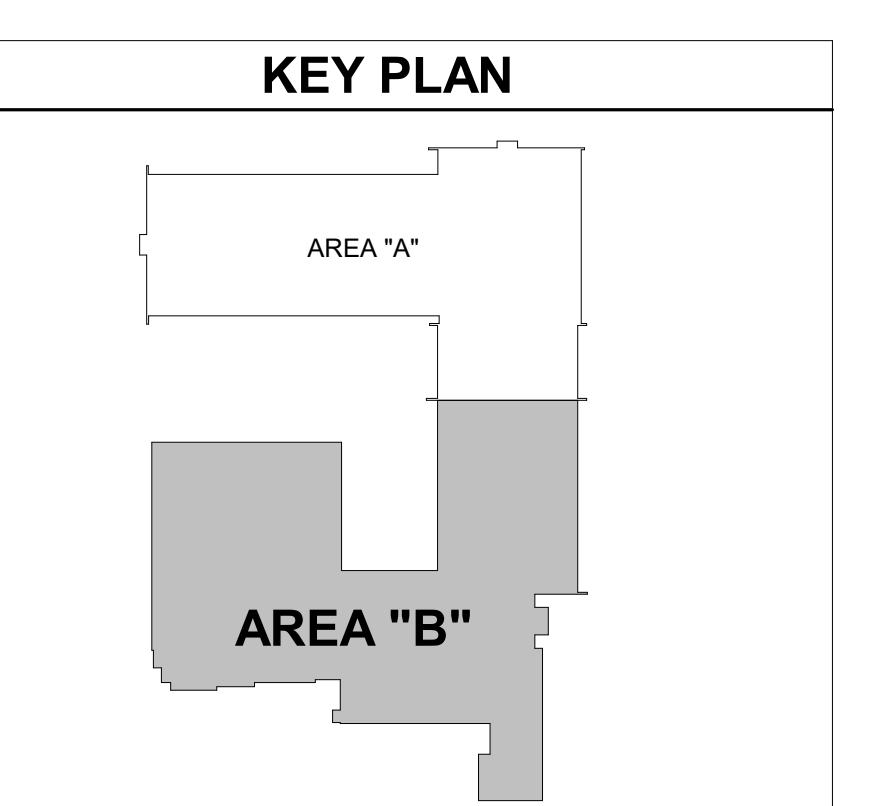
REVISIONS: 1-15-26

- CONTRACTOR TO PROVIDE PLYWOOD SHEATHING, INSULATION, AND MEMBRANE FOR WALLS & ROOF TO PROTECT INTERIOR FROM WEATHER DURING DEMOLITION AND CONSTRUCTION.
- ALL PLUMBING, HVAC, & ELECTRICAL WILL BE RE-ROUTED OR MODIFIED TO ALLOW COMPLETE CONTINUITY OF UTILITY SERVICE FOR SCHOOL OPERATION DURING CONSTRUCTION.
- STAGING TO BE DETERMINED BY GENERAL CONTRACTOR. (COSTS FOR TEMPORARY STAGING BY CONTRACTOR.)
- CONSTRUCTION FENCING SEPARATE NEW CONSTRUCTION AND DEMOLITION FROM ALL STUDENT ACTIVITY. (COSTS FOR TEMPORARY CONSTRUCTION FENCING BY CONTRACTOR.)
- CONSTRUCTION AND DEMOLITION ACCESS TO BE DETERMINED BY GENERAL CONTRACTOR AND OWNER.

ROOFING DEMOLITION NOTE

- CONTRACTOR TO INCLUDE ANY NEW ROOF DECKING, 6" RIGID INSULATION, CURBING, AND SHEET MEMBRANE ROOFING AT ANY ROOF PENETRATION DUE TO CONSTRUCTION. COORDINATE ALL ROOF PENETRATIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL AND KITCHEN SHEETS FOR ROOF REPAIRS.
- CONTRACTOR TO ADD NEW PLYWOOD DECKING, 6" RIGID INSULATION, CURBING, AND SHEET MEMBRANE ROOFING AT CURBS BY REMOVAL OF ANY EXISTING UNITS. REFER TO MECHANICAL DEMOLITION SHEET FOR LOCATIONS.

KEY PLAN

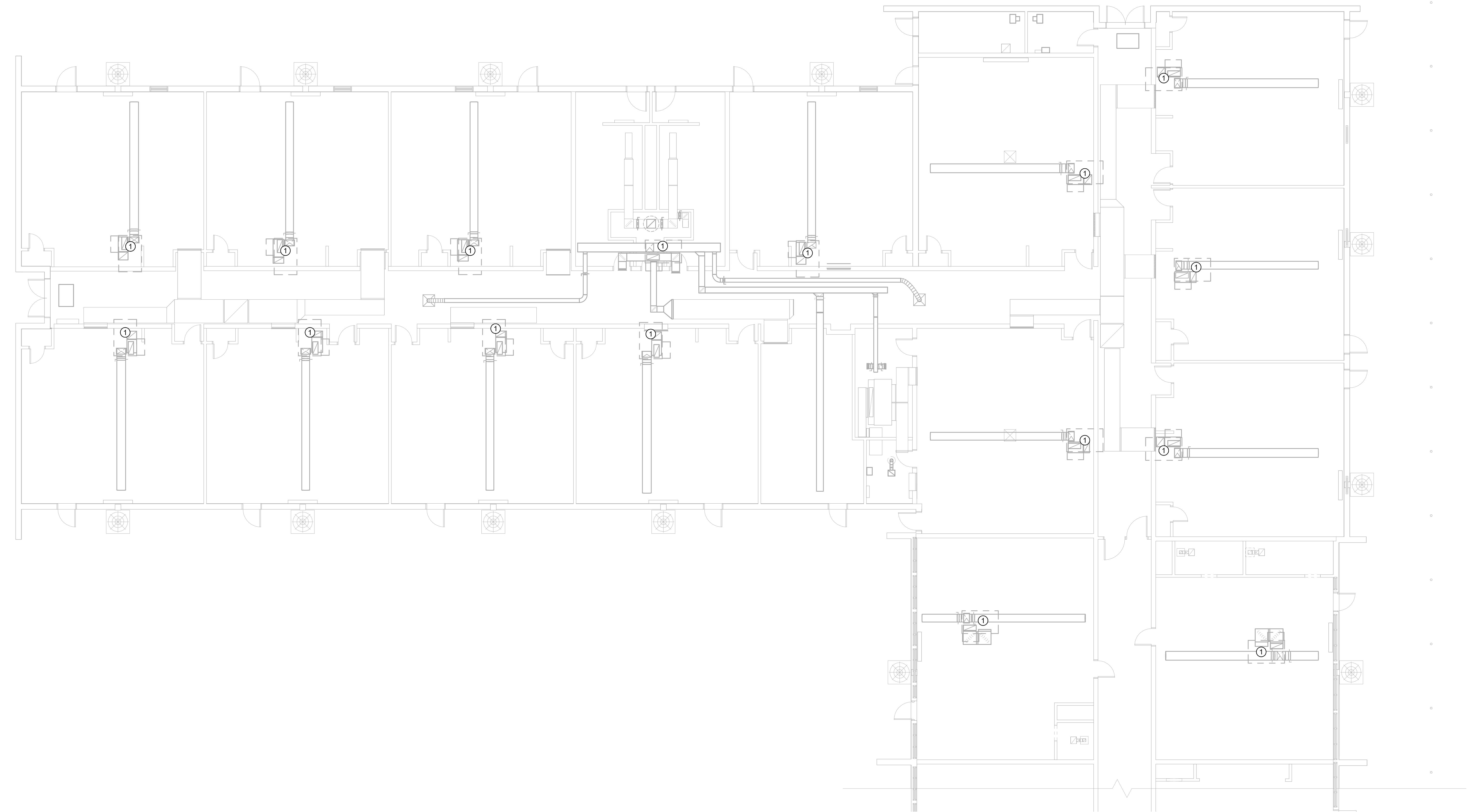


EMERY SCHOOL DISTRICT
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

PROJECT TITLE
DRAWN BY: KMA
CHECKED BY: WC
DATE: JAN 2026
PROJECT #: 176525

A2.3B

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

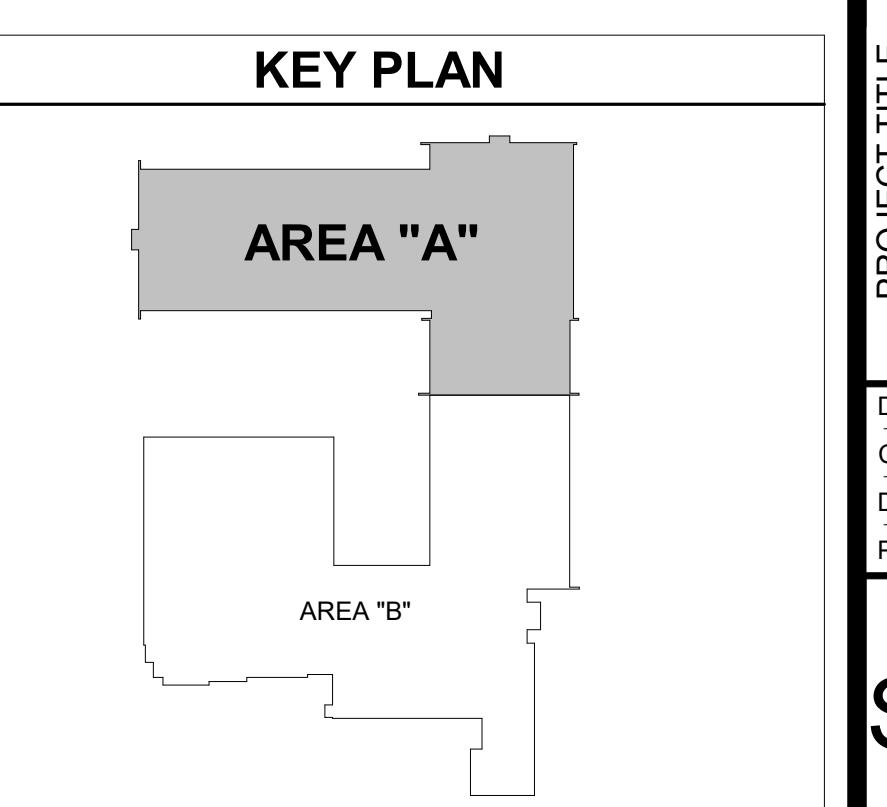


1 FLOOR PLAN AREA 'A'
1/8" = 1'-0"

SHEET NOTES

SEE DETAILS ON S2.0 FOR REQUIRED FRAMING AROUND NEW DUCT OPENINGS THROUGH EXISTING ROOF. SEE MECHANICAL PLANS FOR EXACT NUMBER OF NEW UNITS AND REQUIRED DUCT CONFIGURATIONS

KEY PLAN



HUNTINGTON ELEMENTARY SCHOOL

MECHANICAL UPGRADE

EMERY SCHOOL DISTRICT

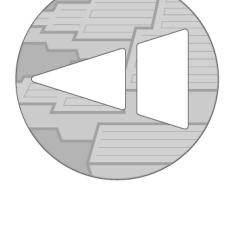
HUNTINGTON, UT 84528

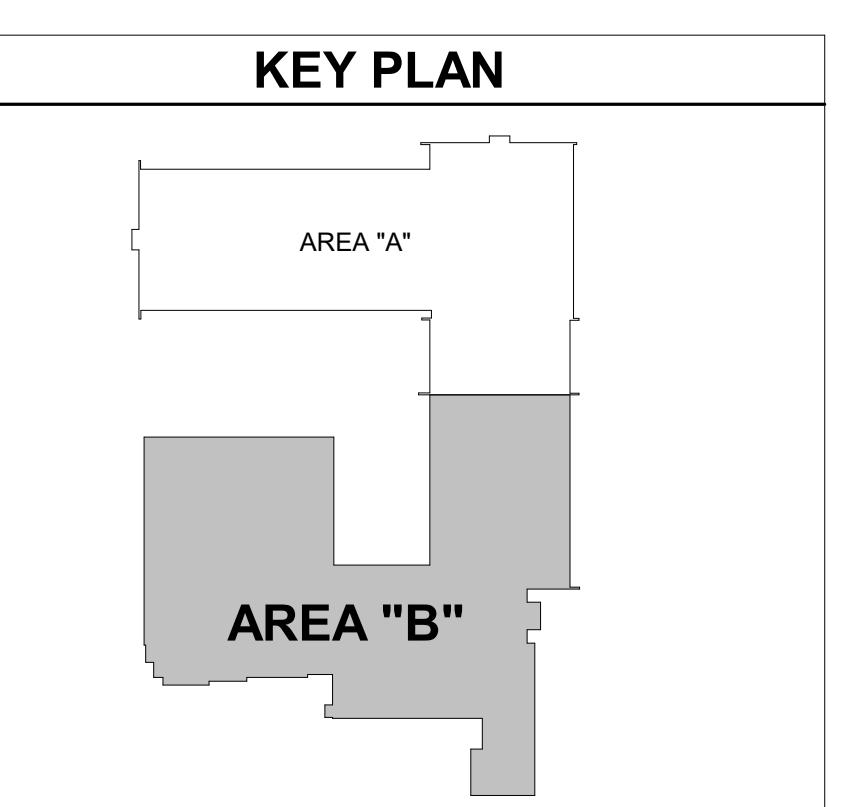
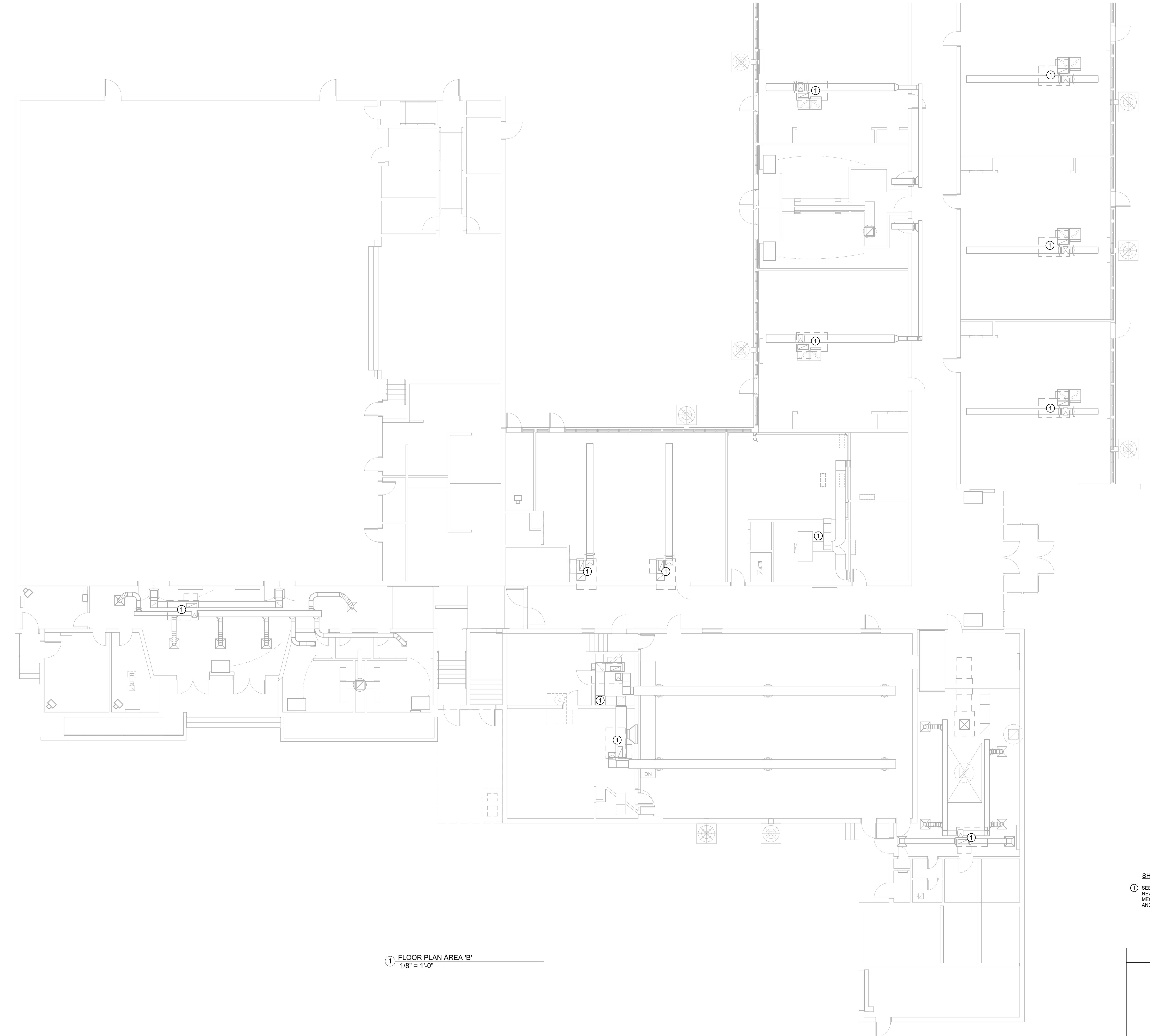
PROJECT TITLE	HUN
DRAWN BY:	J.K.P.
CHECKED BY:	J.D.A.
DATE:	JAN. 15, 2026
PROJECT #:	7611125

S1.1A



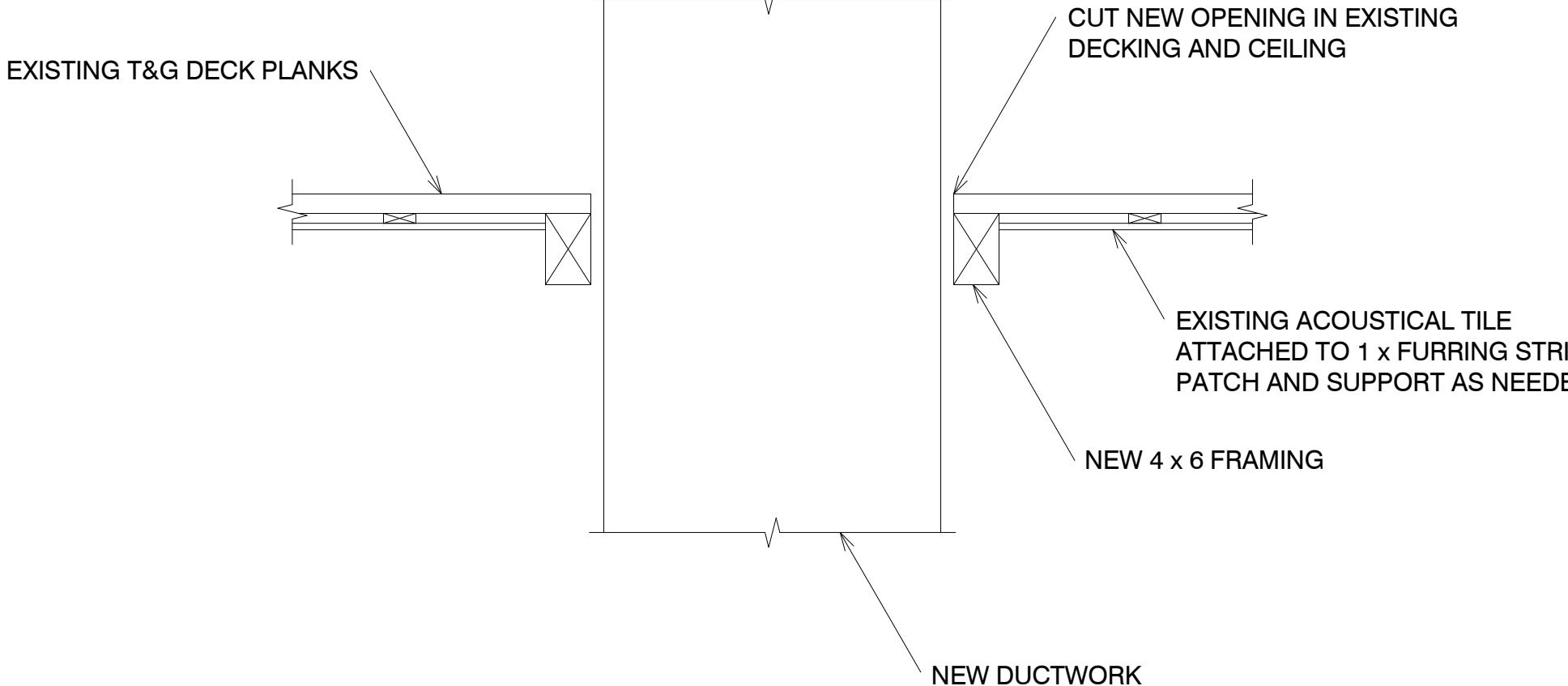
The logo for Dynamic Structures is a circular emblem. Inside the circle, there is a stylized representation of a building's exterior with horizontal lines and a textured pattern. Two white, angular 3D blocks are positioned in front of the building, one slightly overlapping the other. The entire logo is contained within a thin black circular border.





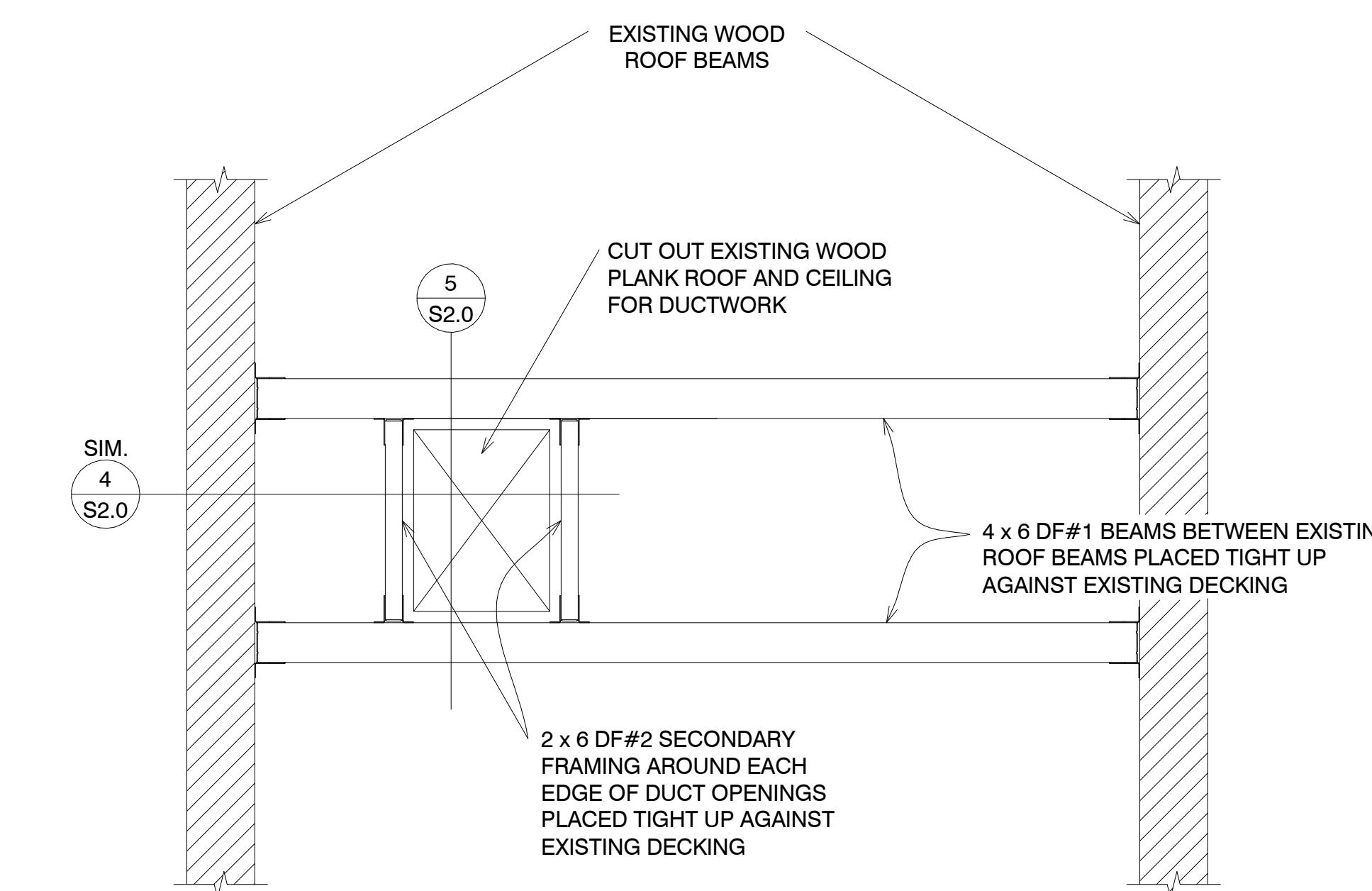
PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
HUNTINGTON, UT 84528
REVISIONS:
01/13/2026
DRAWN BY: Author
CHECKED BY: checker
DATE: JAN. 15, 2026
PROJECT #: 7611125

S1.1B

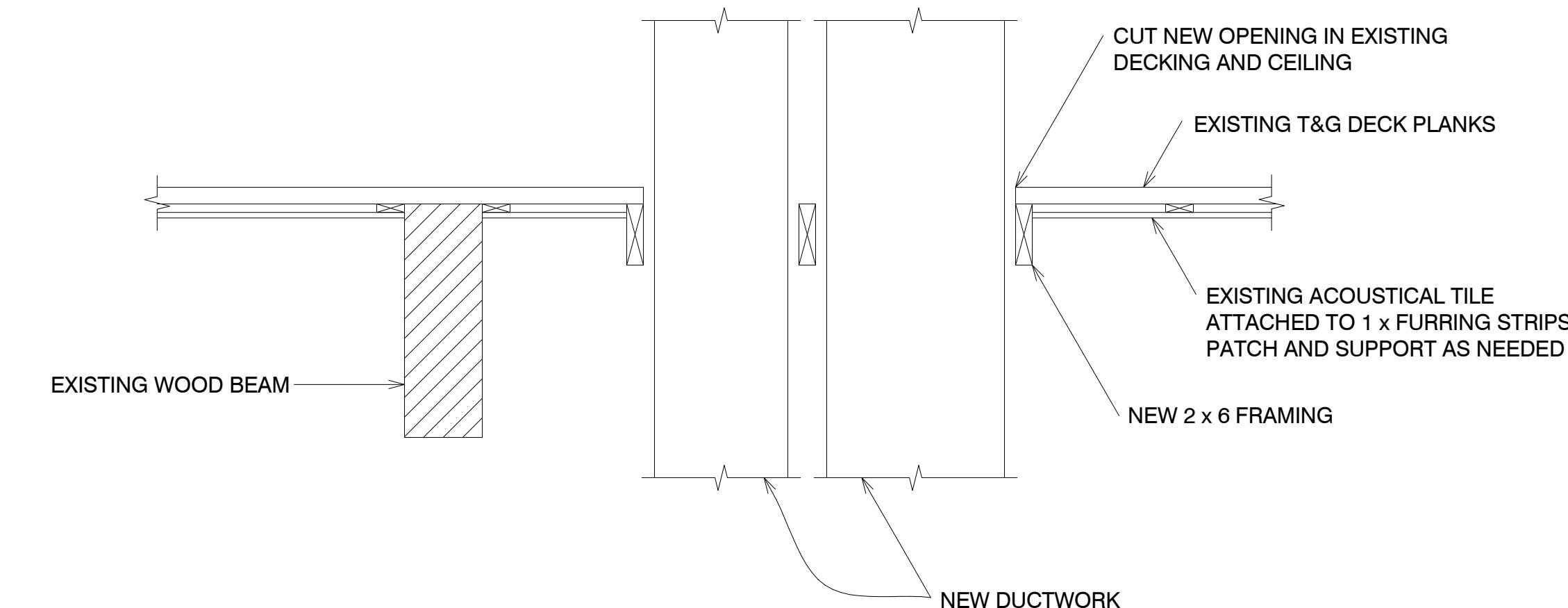


CONSTRUCTION DETAIL
5 S2.0 NO SCALE

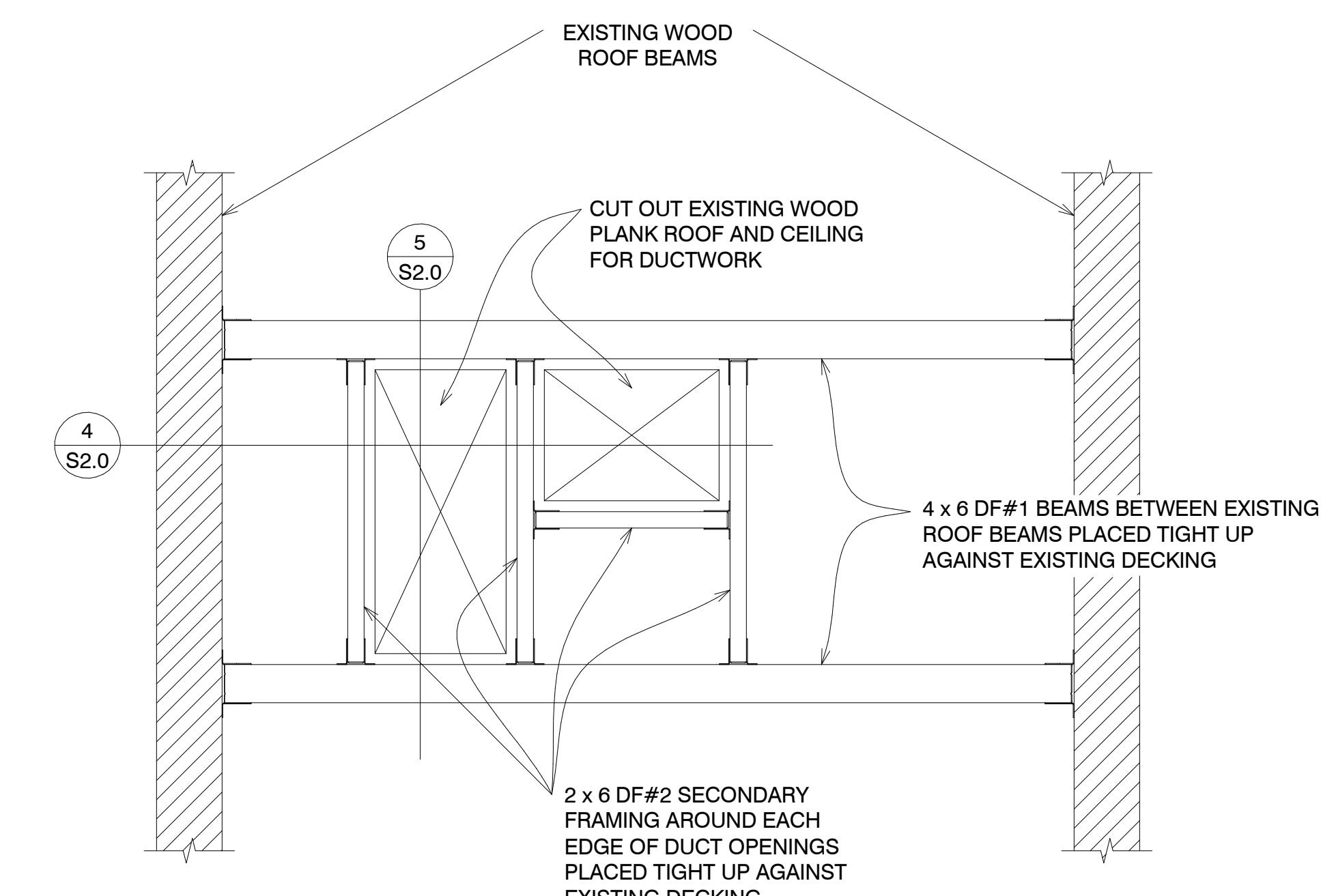
FOR NEW DUCT OPENINGS THROUGH AREAS WITH CONVENTIONAL RAFTER FRAMING, USE SAME DETAILS BUT REPLACE FRAMING MEMBERS WITH NEW 2 X DIMENSIONAL RAFTERS MATCHING EXISTING RAFTER DEPTH. PROVIDE SIMPSON LU210 EACH END OF EACH NEW MEMBER



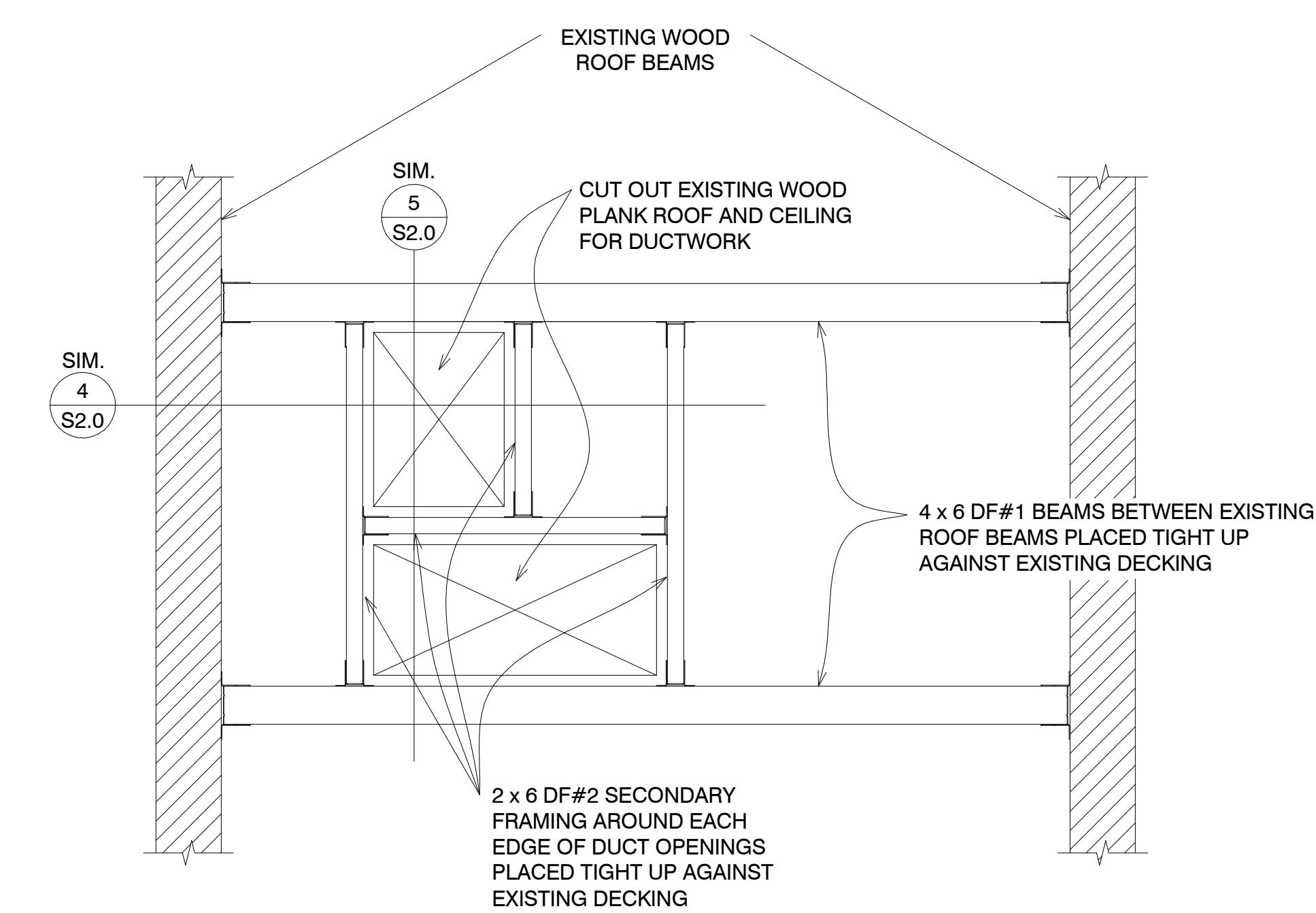
CONSTRUCTION DETAIL
3 S2.0 NO SCALE



CONSTRUCTION DETAIL
4 S2.0 NO SCALE



CONSTRUCTION DETAIL
1 S2.0 NO SCALE



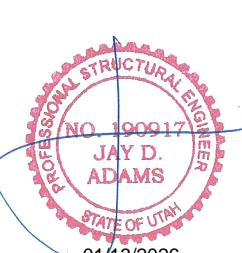
CONSTRUCTION DETAIL
2 S2.0 NO SCALE

PROJECT TITLE: 1012028.222.00
DRAWN BY: J.K.P.
CHECKED BY: J.D.A.
DATE: JAN. 15, 2026
PROJECT #: 7611125

PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
DRAWN BY: J.K.P.
CHECKED BY: J.D.A.
DATE: JAN. 15, 2026
PROJECT #: 7611125

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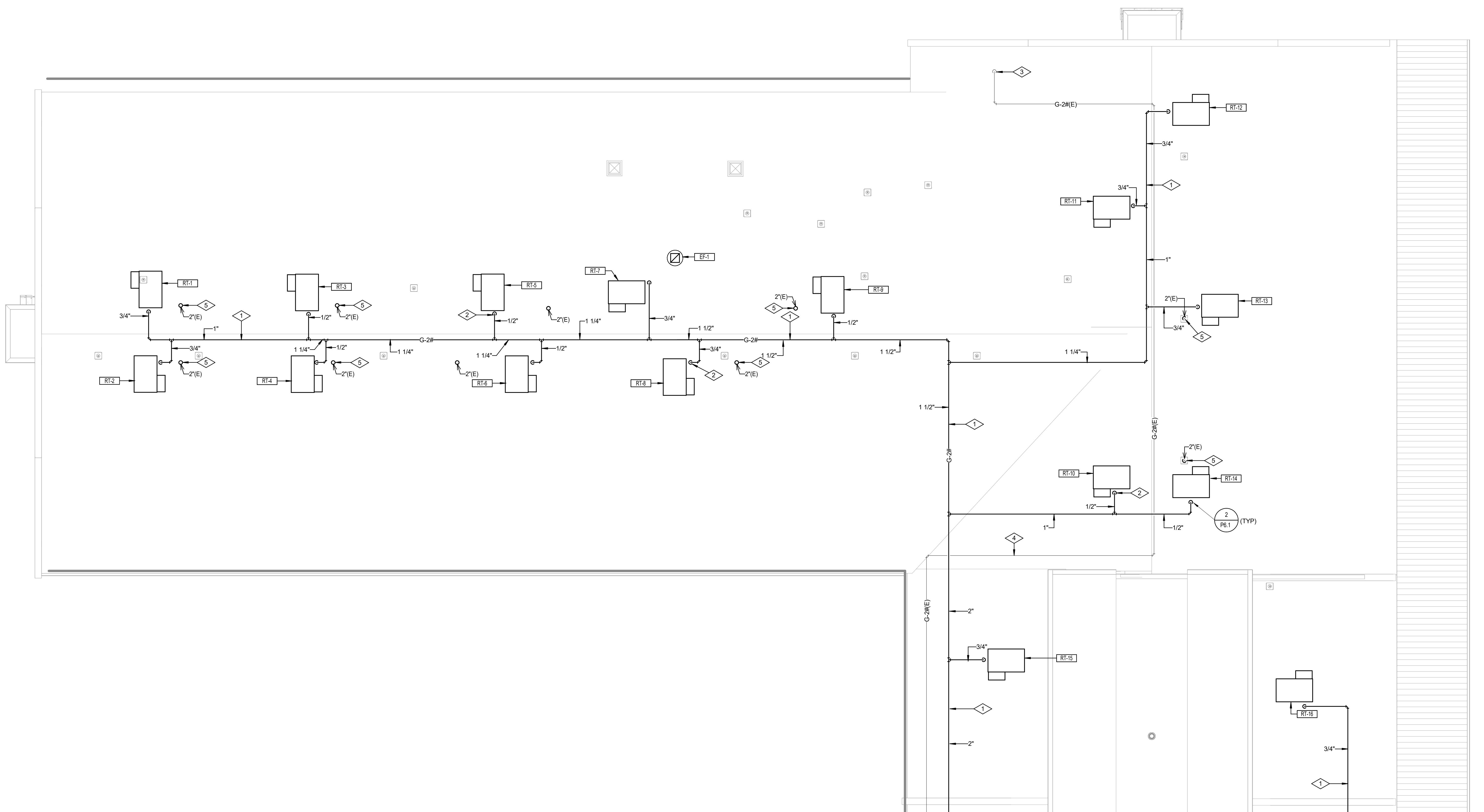


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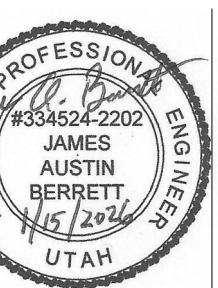
DYNAMIC
STRUCTURES
740 S 100 E Orem, UT 84097 801.229.9020

REFERENCE NOTES

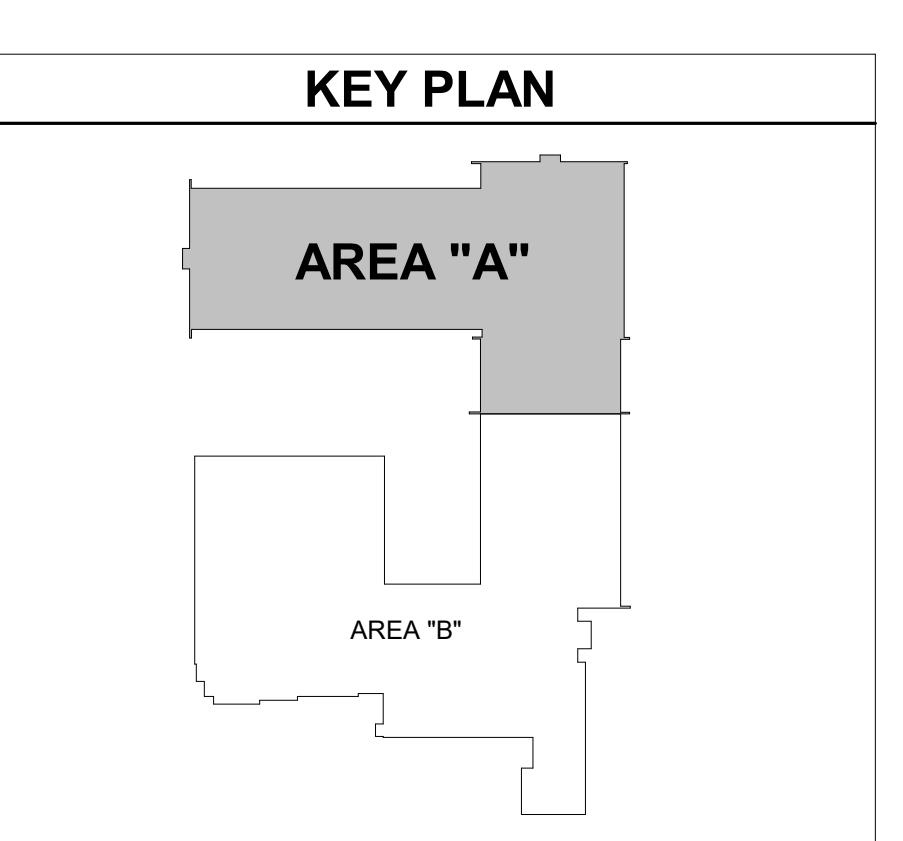
- 1 GAS PIPE TO RUN ON ROOF AND BE SUPPORTED ON STANDS FOLLOWING 2021 IFC 415.1. SEE DETAIL 3/P6.1 (TYPICAL).
- 2 TYPICAL GAS CONNECTION TO EQUIPMENT. SEE DETAIL 2/P6.1 (TYPICAL).
- 3 EXISTING GAS PIPING DROPS TO SERVE EXISTING WATER HEATER.
- 4 EXISTING PIPING ON ROOF TO REMAIN.
- 5 ADD AIR ADMITTANCE VALVE WITH UV RESISTANT CAP TO EXISTING PLUMBING VENT. FIELD VERIFY VENT SIZE.



Overall Roof Plan - Area A

PROJECT TITLE
HUNTINGTON ELEMENTARY SCHOOLEMERY SCHOOL DISTRICT
MECHANICAL UPGRADE
HUNTINGTON, UT 84528170 NORTH MAIN STREET
SPANISH FORK, UTAH 84660
www.kmaarchitects.com

REVISIONS:



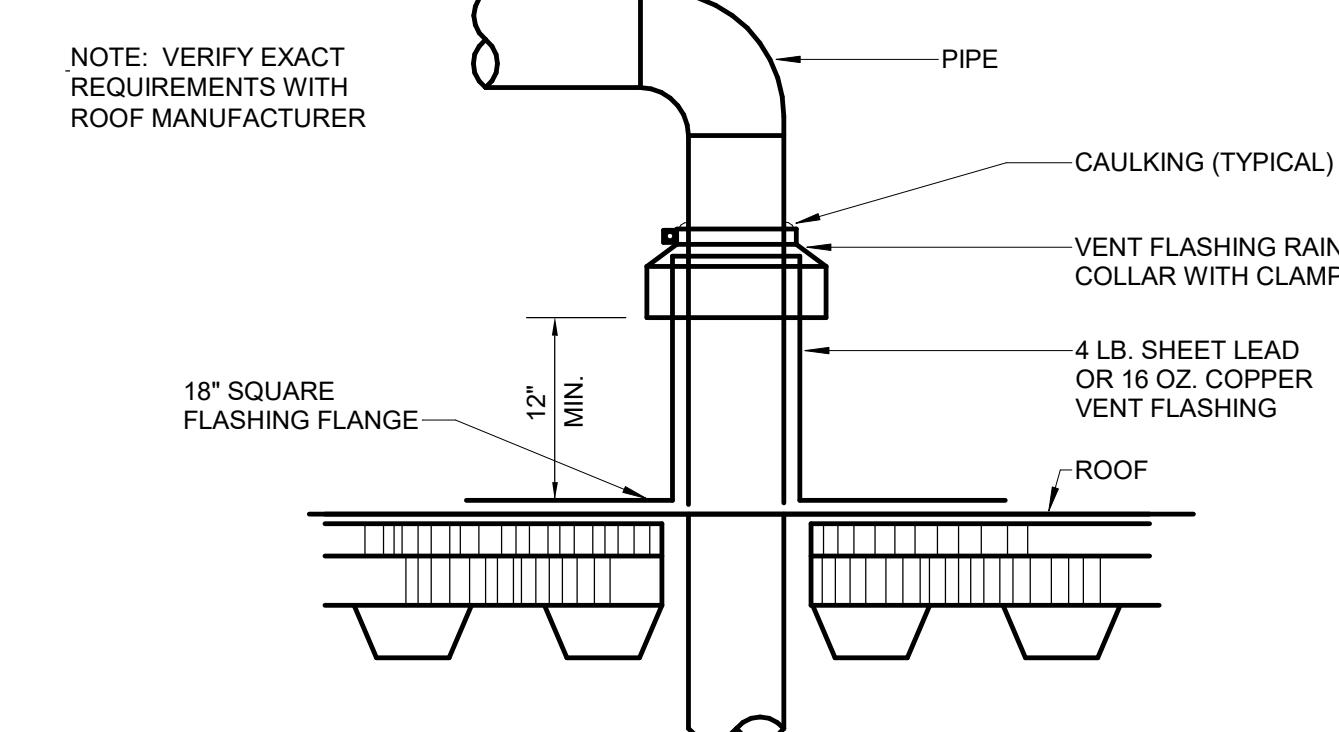
DRAWN BY: STAFF

CHECKED BY: M.T.

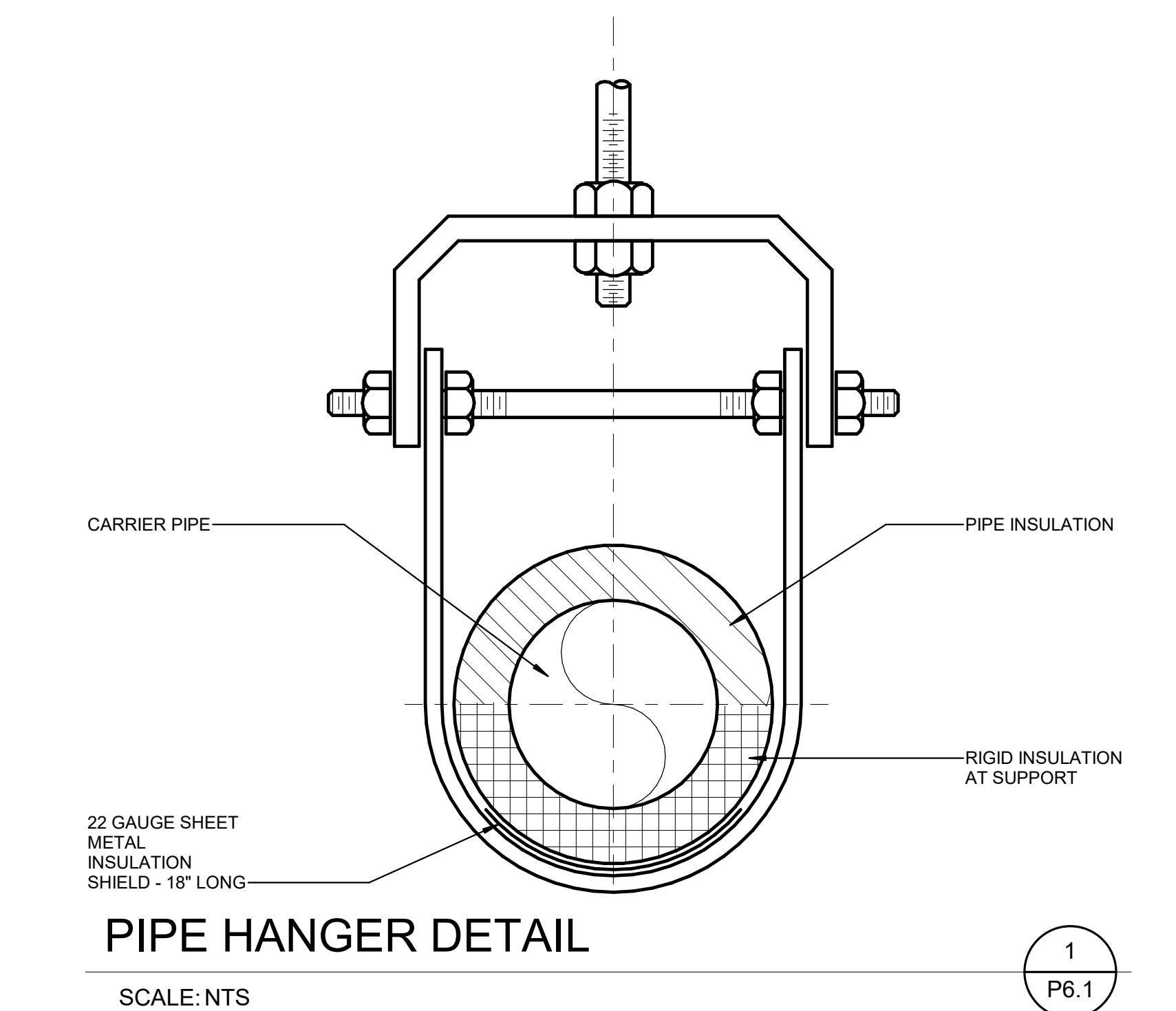
DATE: JAN 2026

PROJECT #: 176525

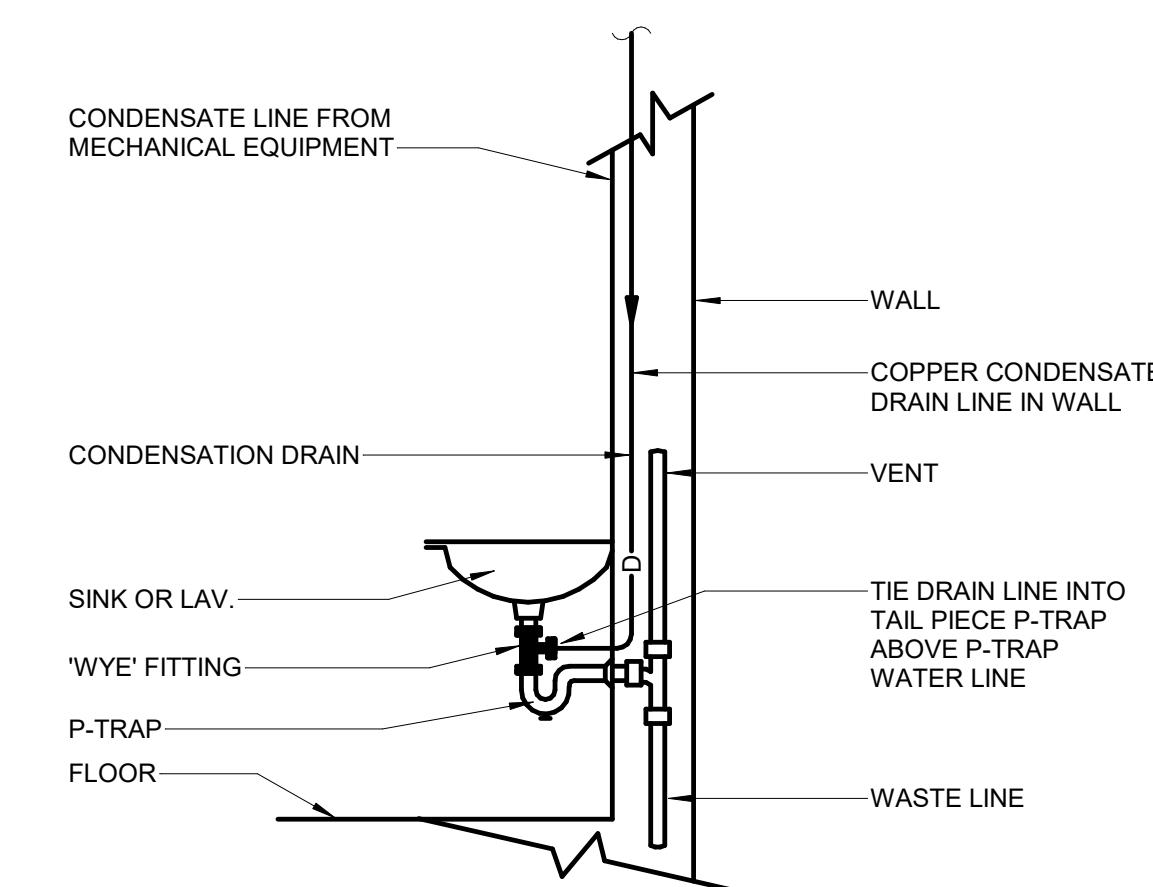
P1.1A



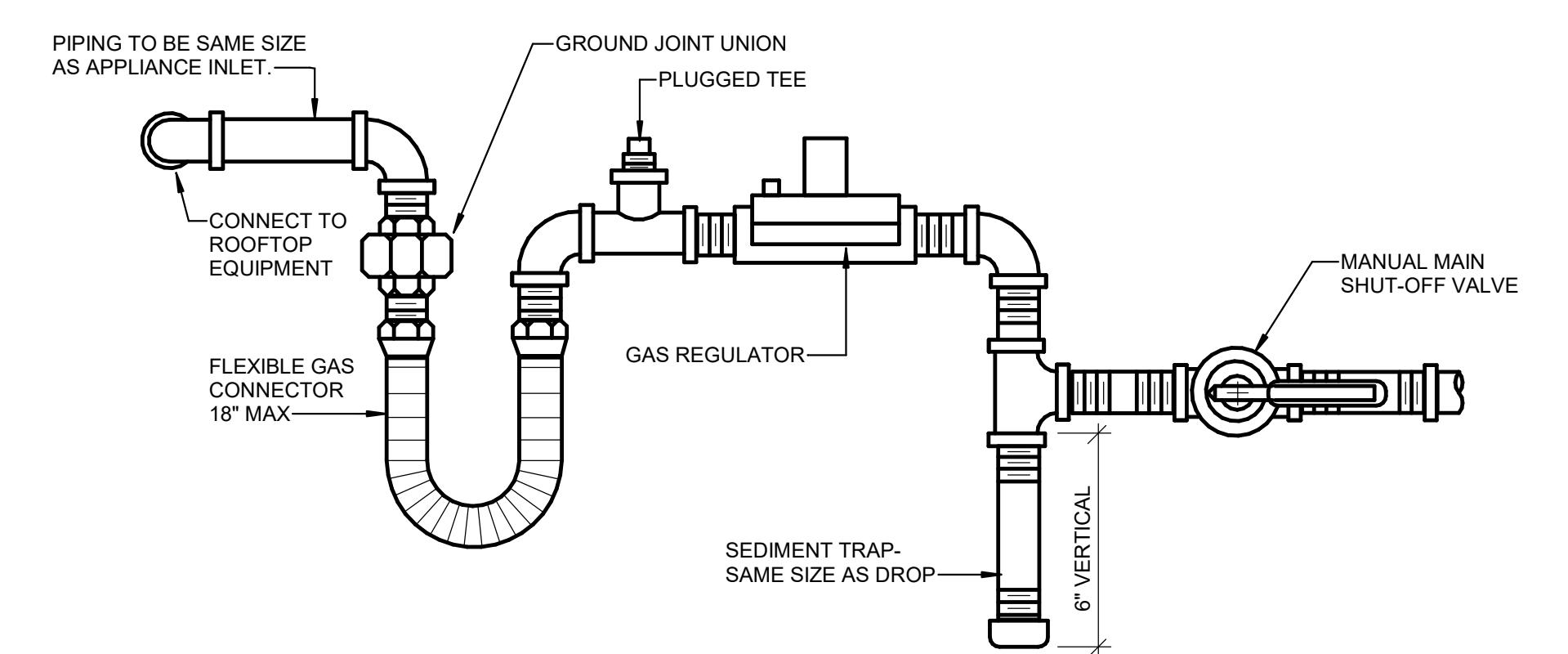
PIPE THRU ROOF PENETRATION DETAIL
SCALE: NTS
4 P6.1



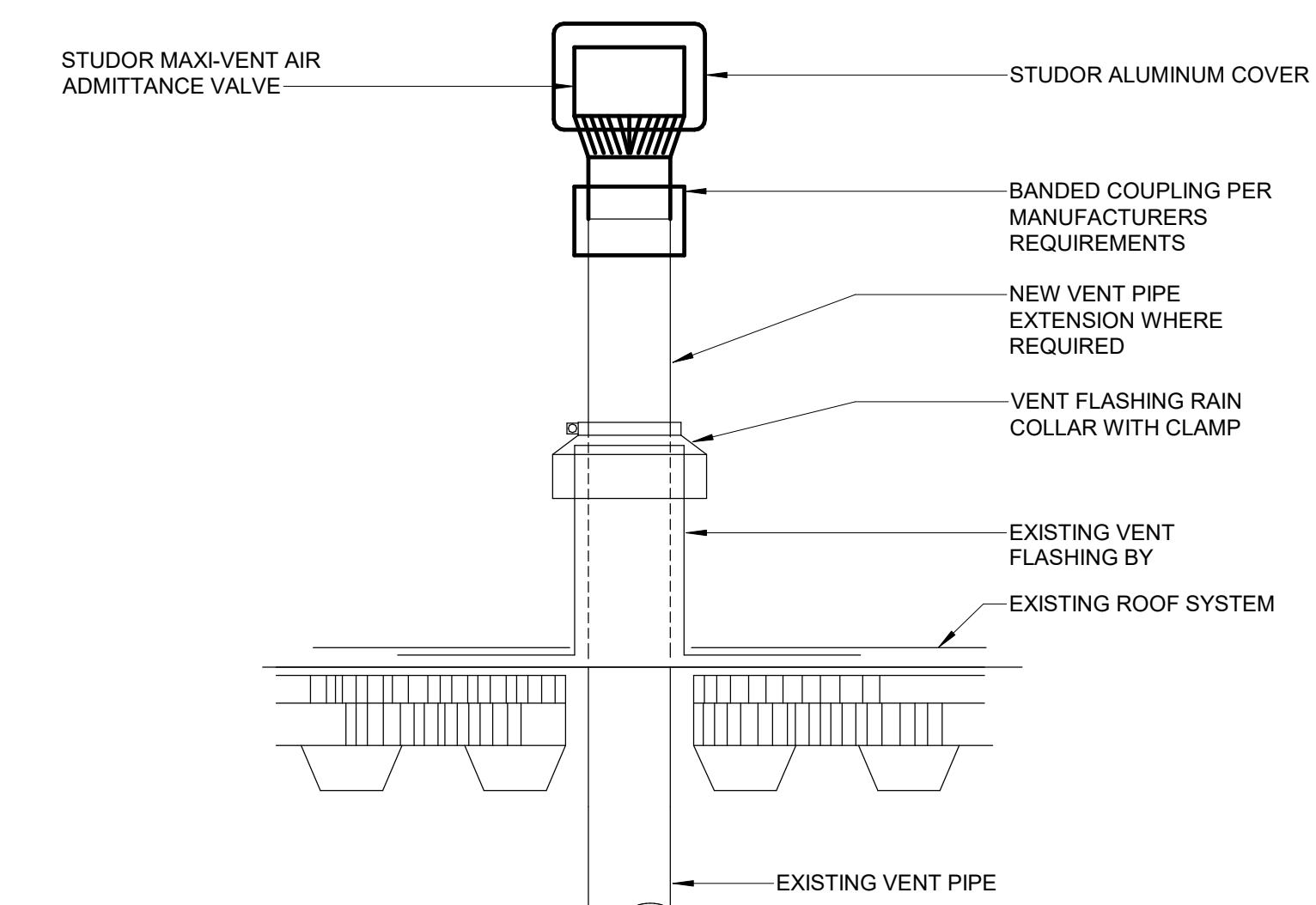
PIPE HANGER DETAIL
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1 P6.1



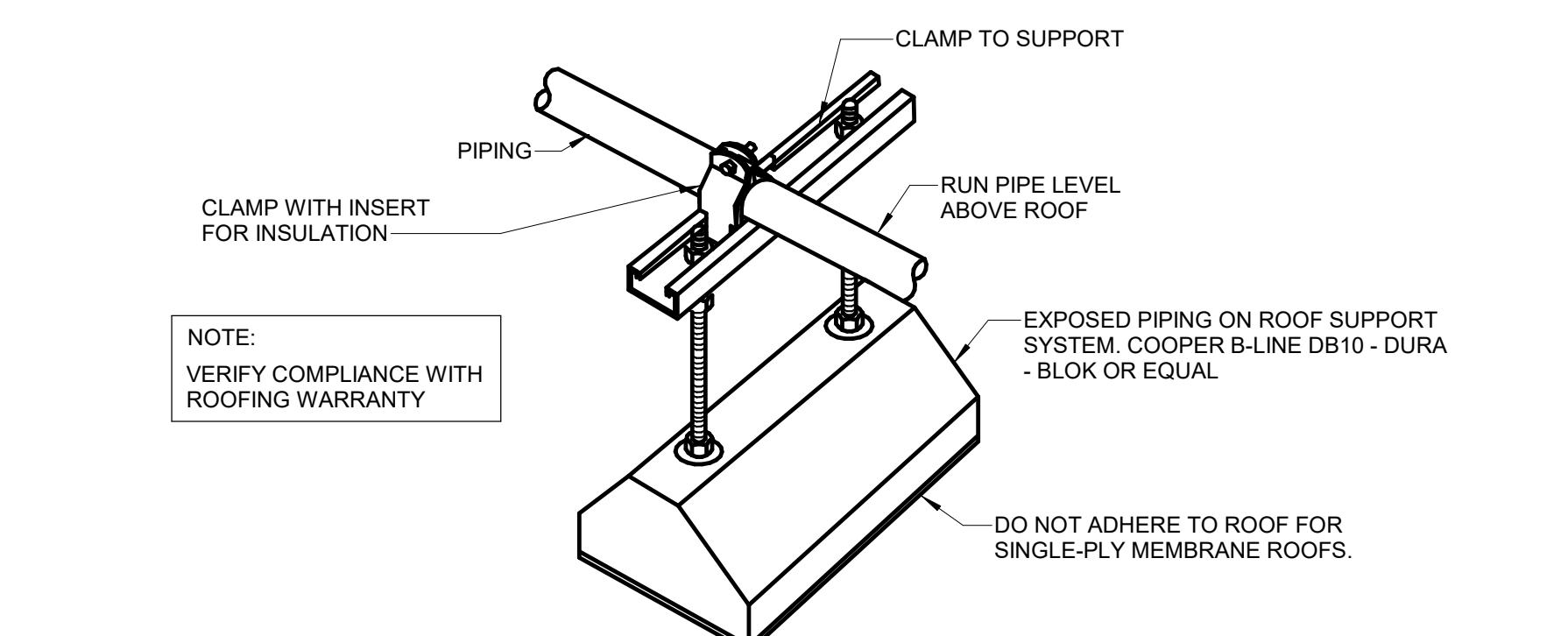
CONDENSATE DRAIN DETAIL
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5 P6.1



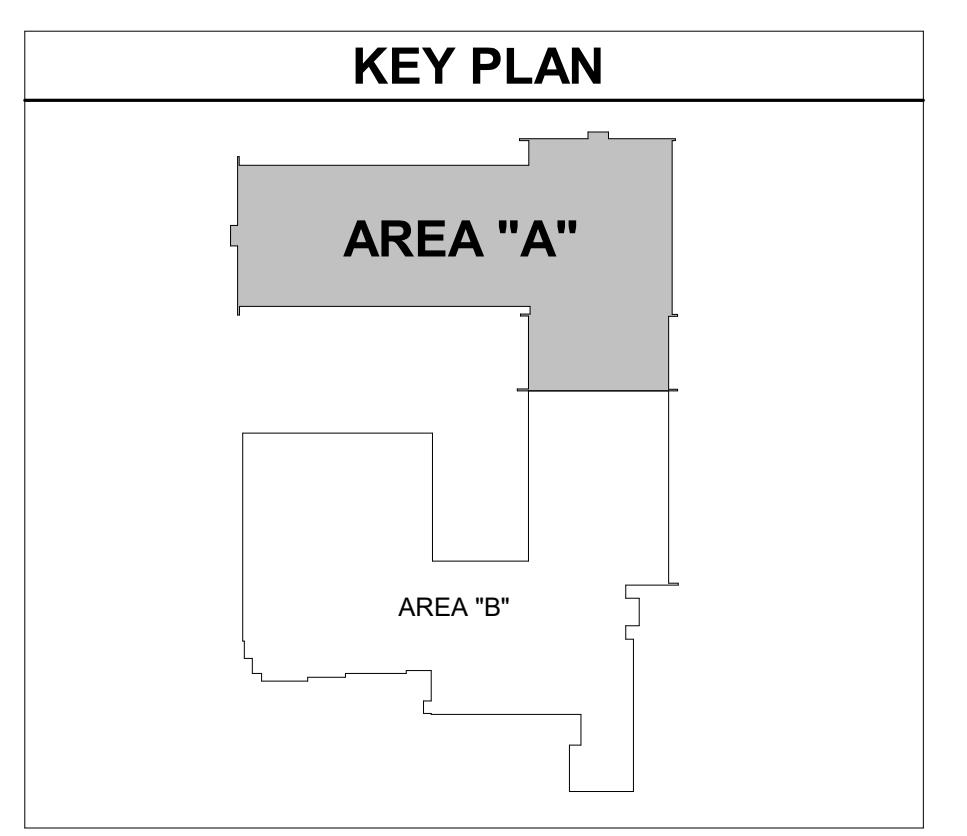
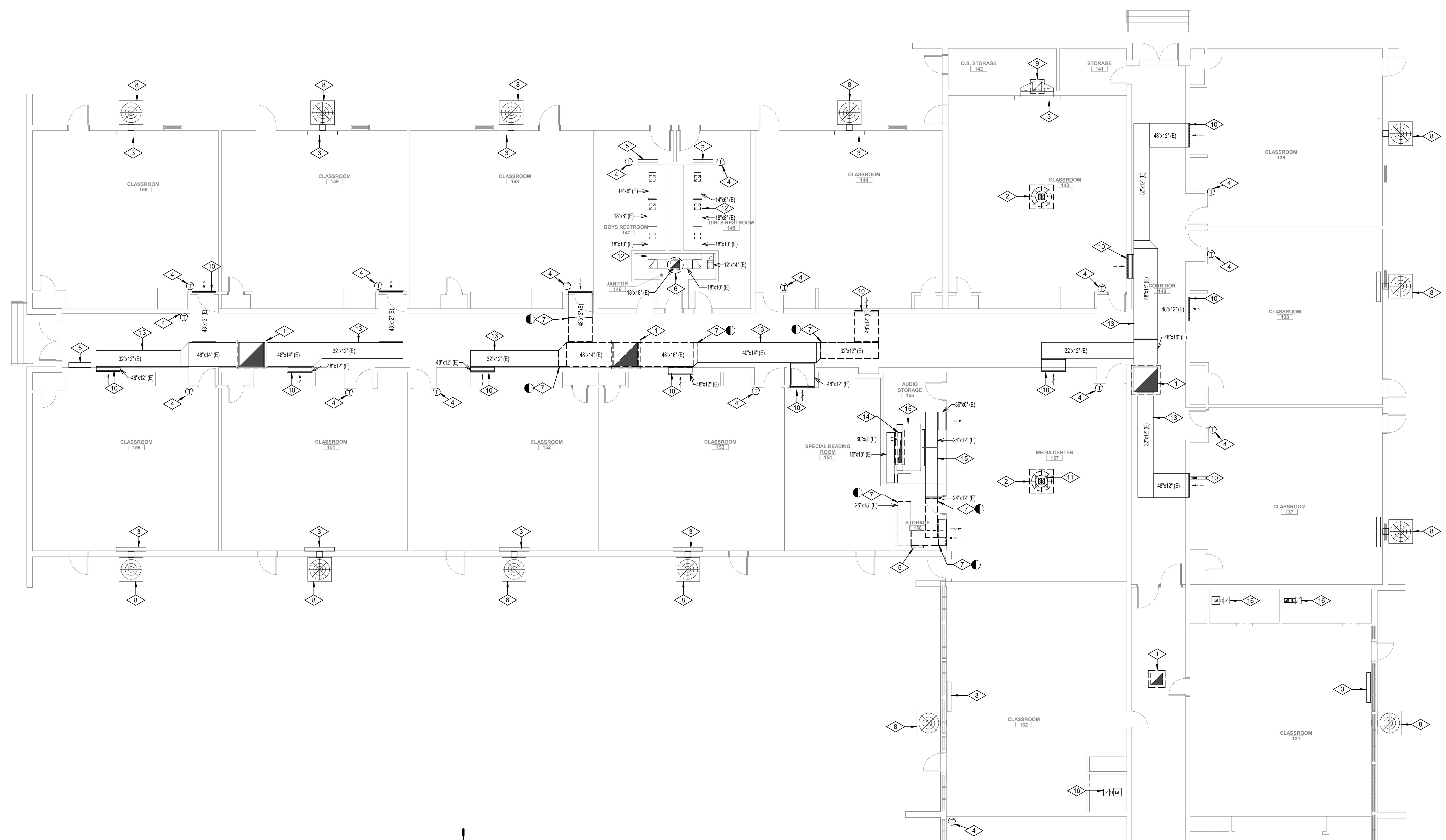
ROOFTOP GAS LINE CONNECTION DETAIL
SCALE: NTS
2 P6.1



AIR ADMITTANCE VALVE DETAIL
SCALE: NTS
6 P6.1



PIPING ON ROOF SUPPORT
SCALE: NTS
3 P6.1

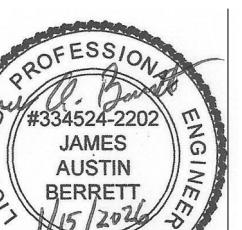


REFERENCE NOTES

- 1 REMOVE EXISTING RELIEF FAN COMPLETE, PATCH AND REPAIR ROOF.
- 2 REMOVE EXISTING EVAPORATIVE UNIT, CAP DUCT BELOW ROOF, PATCH AND REPAIR ROOF. (TYP)
- 3 ABANDON IN PLACE EXISTING UNIT VENTILATOR COMPLETE.
- 4 REMOVE EXISTING THERMOSTAT COMPLETE, REMOVE ANY WIRE MOLDING (TYPICAL)
- 5 ABANDON IN PLACE EXISTING CONVECTOR.
- 6 REMOVE EXISTING EXHAUST FAN COMPLETE, SEE NEW WORK FOR REPLACEMENT.
- 7 REMOVE EXISTING DUCT WORK TO APPROXIMATELY THIS LOCATION, EXISTING LOCATIONS AND SIZES ARE APPROXIMATE.
- 8 ABANDON EXISTING WINDOW EVAPORATIVE UNIT IN PLACE. (TYP)
- 9 REMOVE EXISTING ROOF HOOD AND OUTSIDE AIR DUCTWORK TO UNIT CONVECTOR, PATCH AND REPAIR ROOF AND WALL, COORDINATE WITH ARCHITECTURAL PLANS, USE PREFERRED ROOFING CONTRACTOR.
- 10 ABANDON RELIEF VENTS IN PLACE. (TYPICAL)
- 11 EXISTING DIFFUSERS TO REMAIN. (TYPICAL)
- 12 EXISTING DUCTWORK TO REMAIN. (TYPICAL)
- 13 ABANDON EXISTING RELIEF AIR DUCTWORK IN PLACE (TYPICAL)
- 14 REMOVE EXISTING OUTSIDE AIR ROOF HOOD, CAP DUCTWORK BELOW ROOF, PATCH AND REPAIR ROOF, COORDINATE WITH ARCHITECTURAL PLANS.
- 15 ABANDON IN PLACE EXISTING FANCOIL UNIT AND DUCTWORK.
- 16 EXISTING CEILING MOUNTED EXHAUST FAN TO REMAIN (TYPICAL).

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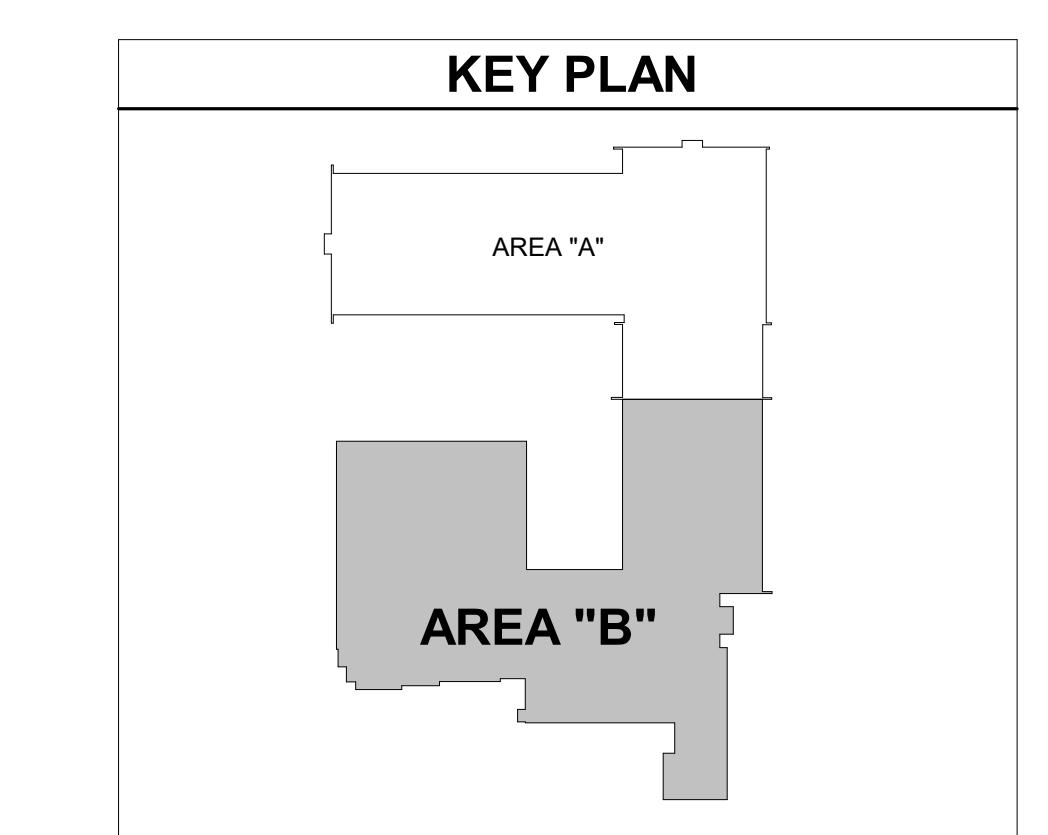
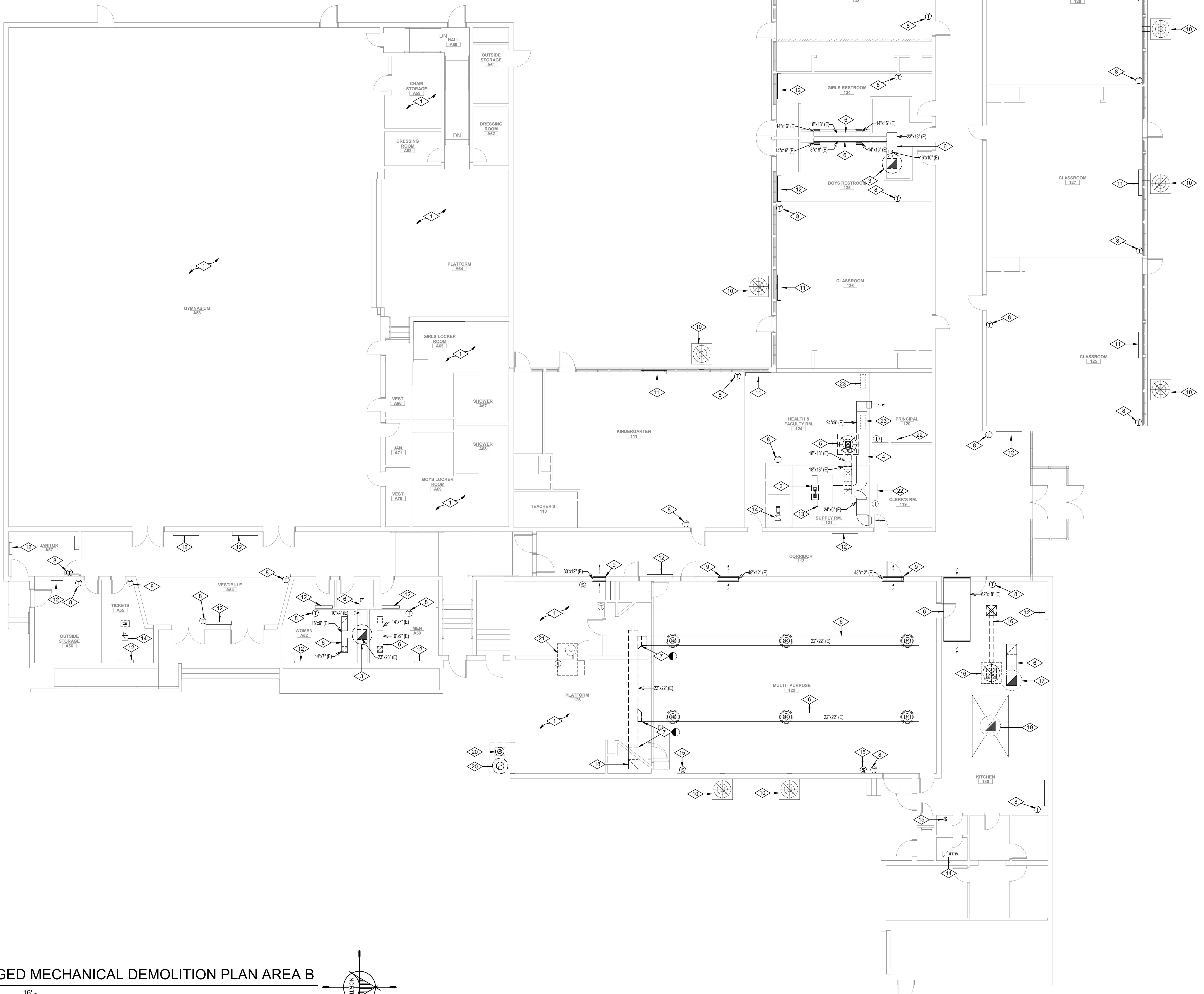


REVISIONS:

PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE HUNTINGTON, UT 84528

DRAWN BY: STAFF
CHECKED BY: M.T.
DATE: JAN. 2026
PROJECT #: 176525

M0.1A



REFERENCE NOTES

- 1 NO WORK IN THIS AREA. (TYPICAL)
- 2 REMOVE EXISTING ROOF HOOD COMPLETE. CAP DUCTWORK BELOW ROOF. PATCH AND REPAIR ROOF. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- 3 REMOVE EXISTING ROOF MOUNTED EXHAUST FAN COMPLETE.
- 4 ABANDON EXISTING DUCTWORK IN PLACE (TYPICAL)
- 5 REMOVE EXISTING EVAPORATIVE UNIT. CAP INSIDE OF THE BUILDING. PATCH AND REPAIR WALL.
- 6 EXISTING DUCTWORK TO REMAIN (TYPICAL)
- 7 REMOVE EXISTING DUCTWORK TO APPROXIMATELY THIS LOCATION
- 8 REMOVE EXISTING THERMOSTAT COMPLETE. (TYPICAL)
- 9 ABANDON EXISTING RELIEF VENTS IN PLACE. (TYPICAL)
- 10 ABANDON EXISTING WINDOW EVAPORATIVE UNIT IN PLACE. (TYP)
- 11 ABANDON EXISTING UNIT VENTILATOR COMPLETE.
- 12 ABANDON EXISTING CONVECTOR IN PLACE.
- 13 ABANDON FAN COIL IN PLACE.
- 14 EXISTING CEILING MOUNTED EXHAUST FAN TO REMAIN (TYPICAL)
- 15 REMOVE EXISTING EVAPORATIVE UNIT CONTROLS (TYPICAL)
- 16 REMOVE EXISTING EVAPORATIVE UNIT AND DUCTWORK ON ROOF. PATCH AND REPAIR ROOF. LEAVE DUCTWORK AND DIFFUSER FOR FUTURE MAU CONNECTION. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- 17 EXISTING DISHWASHER AND GENERAL EXHAUST FAN TO REMAIN.
- 18 REMOVE DUCTWORK TO DROP TO THE BASEMENT. ABANDON DUCTWORK IN CHASE.
- 19 EXISTING HOOD AND HOOD EXHAUST FAN TO REMAIN.
- 20 REMOVE EXISTING EXHAUST DUCT COMPLETE.
- 21 EXISTING ROOFTOP UNIT, DUCTWORK, AND THERMOSTAT TO REMAIN (TYP).
- 22 EXISTING WALL MOUNTED SPLIT SYSTEM TO REMAIN (TYP).
- 23 EXISTING ROOF MOUNTED CONDENSING UNIT TO REMAIN.

KMA



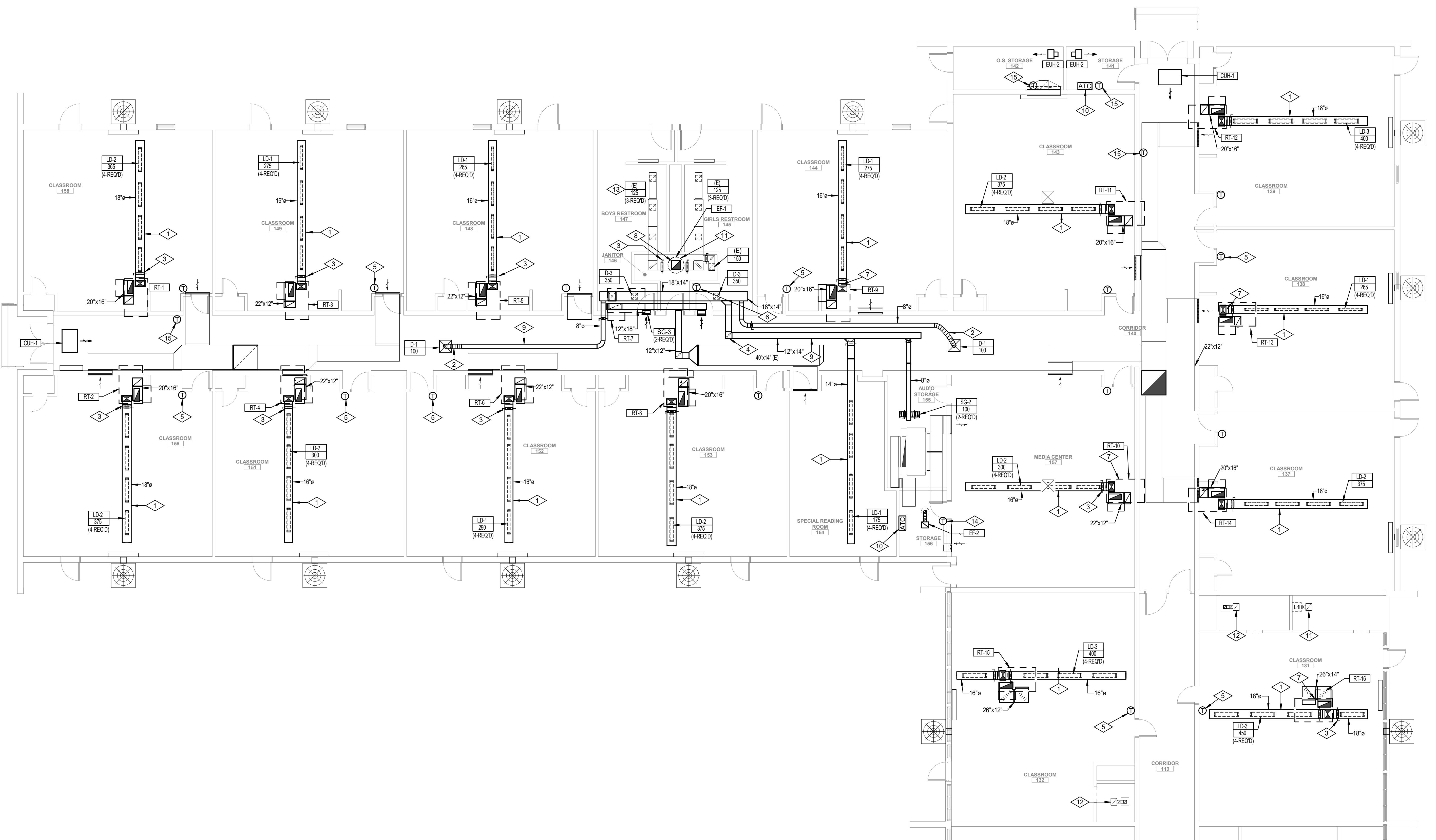
REVISIONS:

170 NORTH MAIN STREET
SPANISH FORK, UTAH 84660
www.kmaarchitects.comEMERY SCHOOL DISTRICT
MECHANICAL UPGRADE

HUNTINGTON, UT 84528

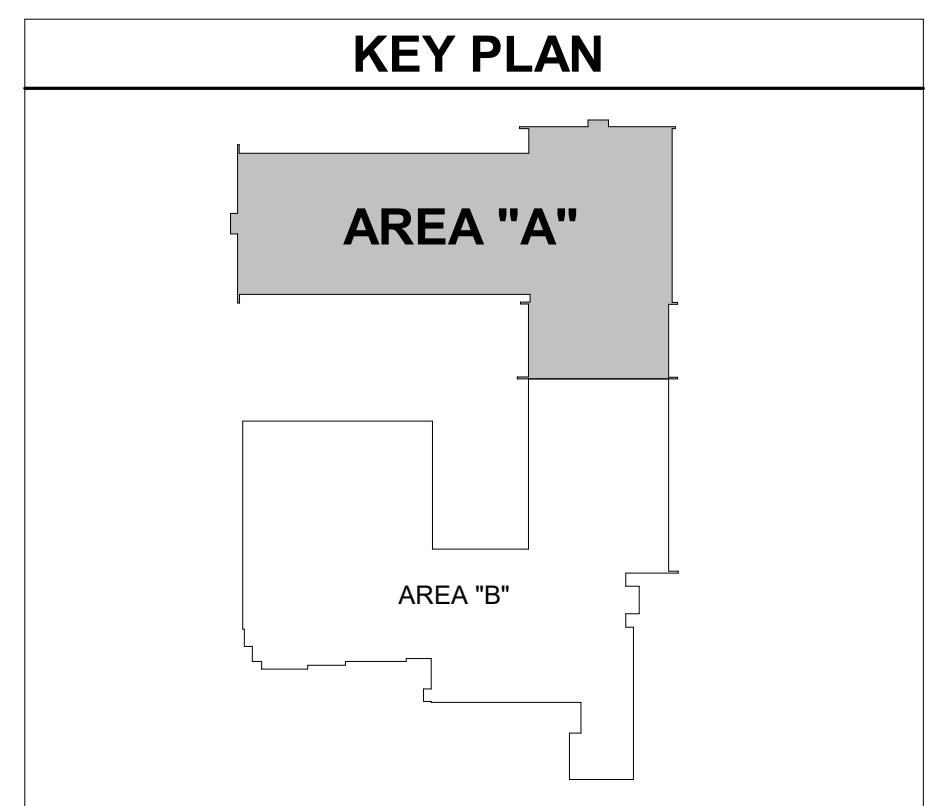
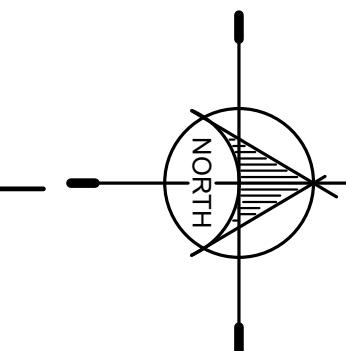
PROJECT TITLE
90 E 100 NDRAWN BY: STAFF
CHECKED BY: M.T.
DATE: JAN. 2026
PROJECT #: 176525

M0.1B



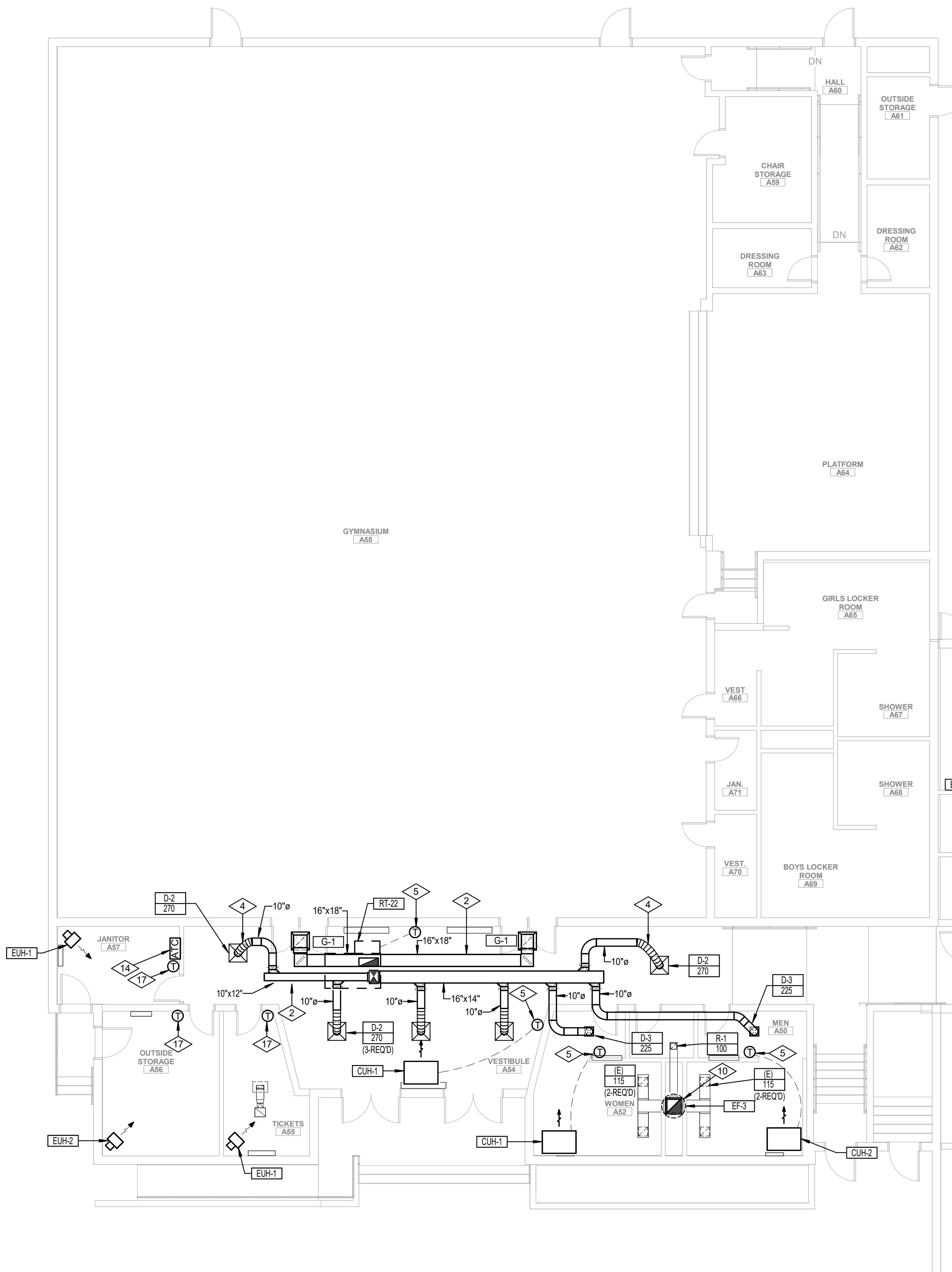
MECHANICAL PLAN AREA A

0 4'-0" 8'-0" 16'-0"
SCALE: 1/8" = 1'-0"



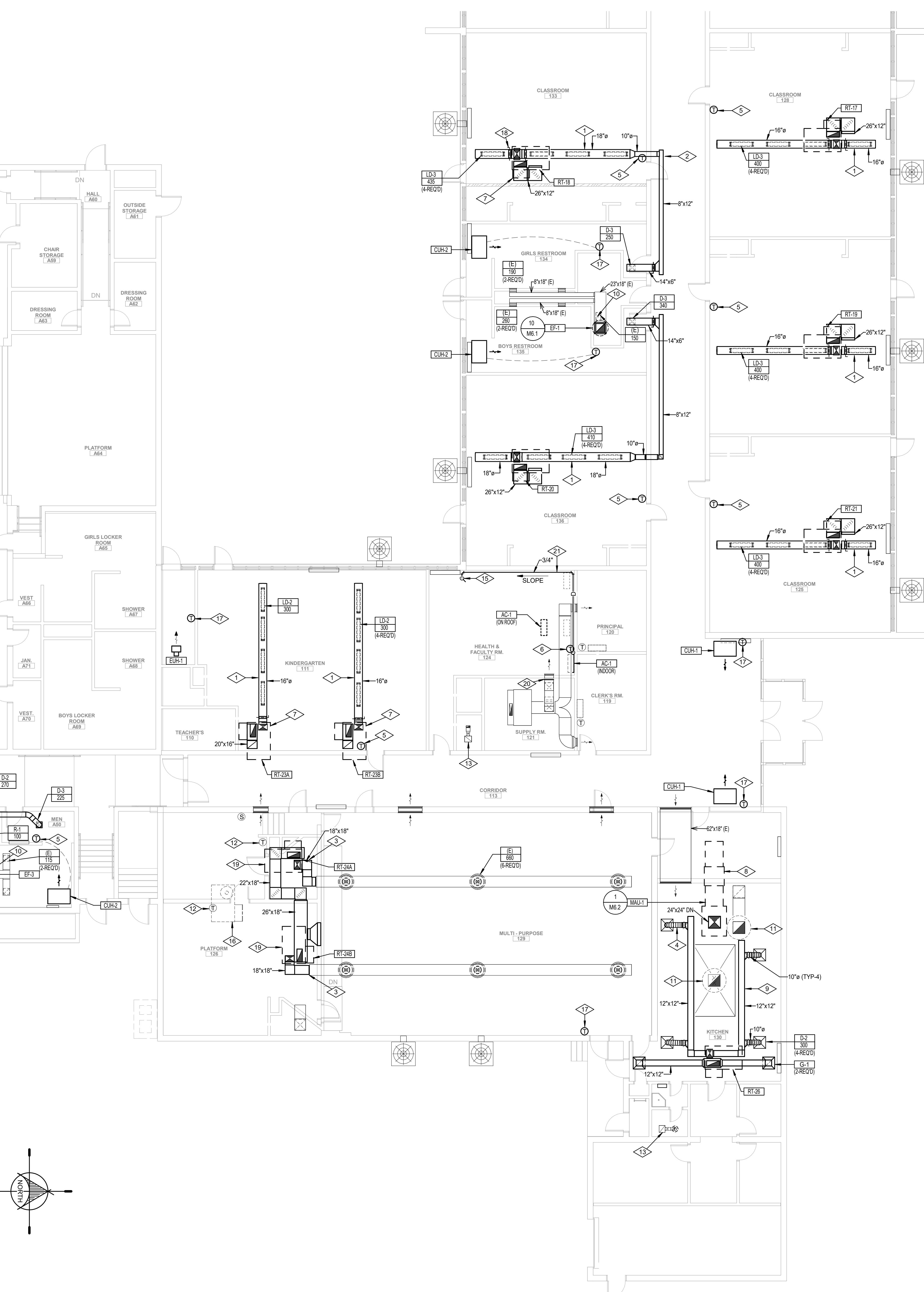
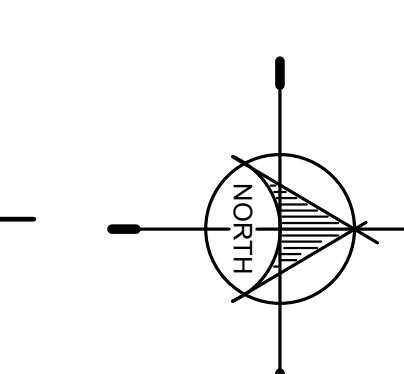
REFERENCE NOTES

- DUCTWORK TO RUN EXPOSED BETWEEN BEAM AND OFFSET FOR LIGHTING. (TYPICAL)
- FLEXIBLE DUCT WORK. MAXIMUM LENGTH 5'-0" (TYPICAL)
- MANUAL VOLUME BALANCING DAMPER. (TYPICAL)
- TURNING VANES. (TYPICAL)
- NEW WALL MOUNTED HEATING/COOLING THERMOSTAT (TYPICAL) STAT TO BE MOUNTED IN SAME POSITION AS EXISTING. PULL POWER/CONTROL WIRES THROUGH EXISTING RUN IF POSSIBLE.
- NEW WALL MOUNTED HEATING/COOLING THERMOSTAT TO BE MOUNTED 4'-0" AFF.
- SUPPLY AND RETURN DUCT DOWN THRU ROOF FROM ROOFTOP UNIT. COORDINATE EXACT LOCATION WITH STRUCTURE AND UNIT PROVIDED (TYPICAL).
- CONNECT NEW EXHAUST FAN TO EXISTING DUCTWORK WITH AN ADAPTOR CURB.
- DUCTWORK TO RUN ABOVE CEILING. COORDINATE WITH EXISTING CONDITIONS AND RE-ROUTE AS NECESSARY.
- NEW ATC PANEL. 120/160 POWER REQUIRED.
- TIE IN EXISTING EXHAUST FAN TO NEW BUILDING CONTROL SYSTEM.
- EXISTING EXHAUST FAN TO TURN ON WITH THE LIGHTS.
- REBALANCE EXISTING EXHAUST AIR GRILLES TO CFM SHOWN.
- NEW COOLING ONLY THERMOSTAT TO CONTROL EF-2.
- NEW WALL MOUNTED HEATING ONLY THERMOSTAT. STAT TO BE 4'-0" AFF.



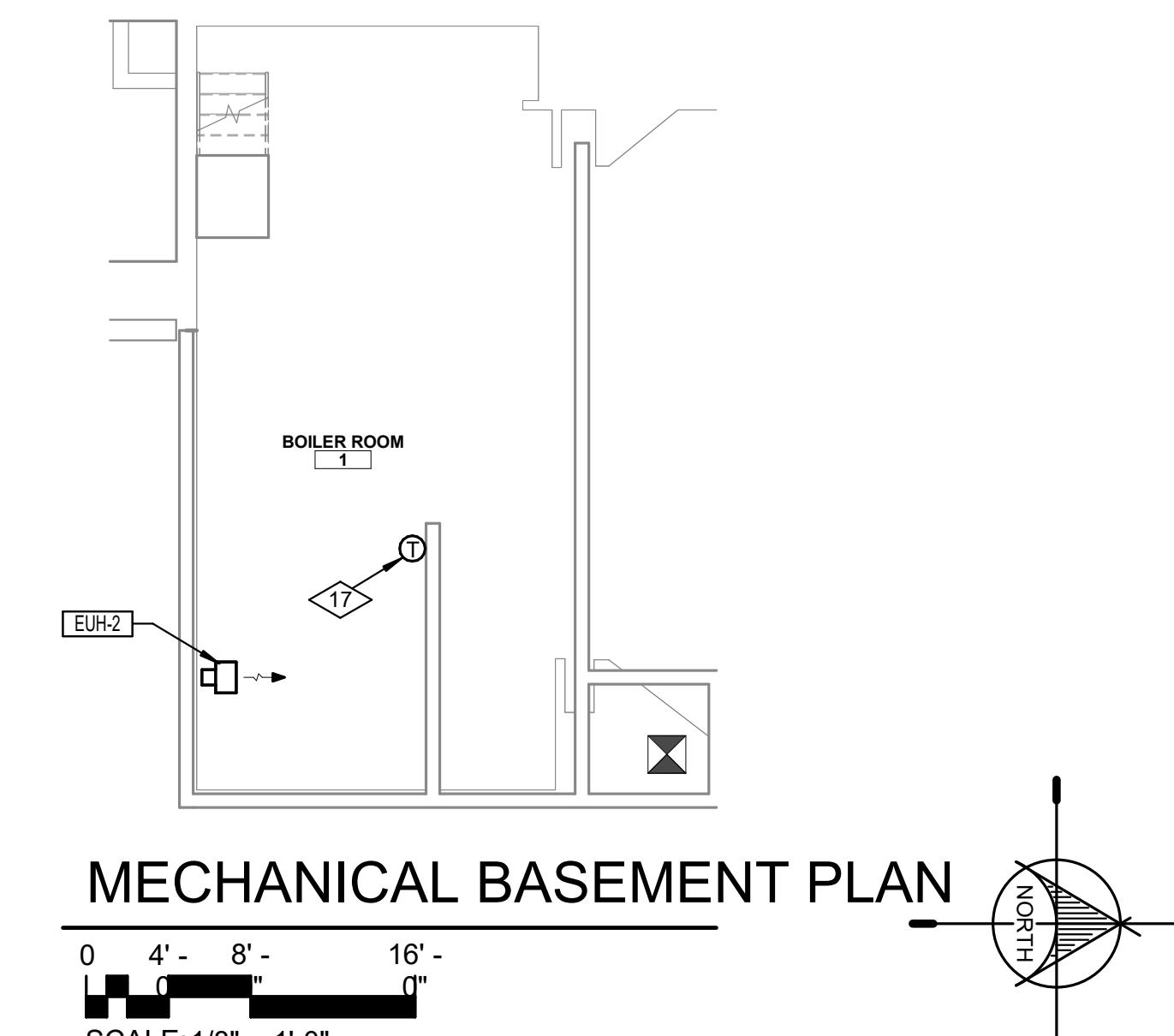
MECHANICAL PLAN AREA B

0 4' - 8' - 16' - 0"
SCALE: 1/8" = 1'-0"



REFERENCE NOTES

- DUCTWORK TO RUN EXPOSED BETWEEN BEAM AND OFFSET FOR LIGHTING. (TYPICAL)
- DUCTWORK TO RUN ABOVE CEILING. COORDINATE WITH EXISTING CONDITIONS AND RE-ROUTE AS NECESSARY.
- CONNECT TO EXISTING AT APPROXIMATELY THIS LOCATION.
- FLEXIBLE DUCT WORK. MAXIMUM LENGTH 5'-0" (TYPICAL)
- NEW WALL MOUNTED HEATING/COOLING THERMOSTAT (TYPICAL). STAT TO BE MOUNTED IN SAME POSITION AS EXISTING. PULL POWER/CONTROL WIRES THROUGH EXISTING RUN IF POSSIBLE.
- WALL MOUNTED HARD WIRED HEATING/COOLING THERMOSTAT TO CONTROL AC-1.
- SUPPLY AND RETURN DUCT DOWN THRU ROOF FROM ROOFTOP UNIT. COORDINATE EXACT LOCATION WITH STRUCTURE AND UNIT PROVIDED (TYPICAL).
- MAU-1 TO DROP INTO GRILLE FROM EXISTING EVAPORATIVE COOLER.
- DUCTWORK TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE WITH ALL TRADES.
- CONNECT NEW EXHAUST FAN TO EXISTING DUCTWORK WITH AN ADAPTOR CURB.
- EXISTING EXHAUST FAN TO BE INTERLOCKED WITH MAKE-UP AIR UNIT.
- TIE IN EXISTING THERMOSTATS TO NEW BUILDING CONTROL SYSTEM.
- EXISTING EXHAUST FAN TO TURN ON WITH THE LIGHTS.
- NEW ATC PANEL. 120/160 POWER REQUIRED.
- CONDENSATE DRAIN TO TIE INTO EXISTING SINK. SEE DETAIL S/P6.1.
- CONNECT EXISTING ROOF TOP UNIT TO NEW ATC CONTROLS SYSTEM. (TYP)
- NEW WALL MOUNTED HEATING ONLY THERMOSTAT. STAT TO BE 4'-0" AFF.
- MANUAL VOLUME BALANCING DAMPER. (TYPICAL)
- KEEP ROOFTOP UNIT AIR INTAKE AT LEAST 10' FROM ALL MECHANICAL AIR EXHAUSTS.
- CAP EXISTING DUCTWORK AT APPROXIMATELY THIS LOCATION (TYP).
- RUN DRAIN LINE AS HIGH AS POSSIBLE. TIGHT TO BOTTOM OF STRUCTURE.

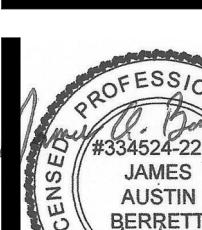


MECHANICAL BASEMENT PLAN

0 4' - 8' - 16' - 0"
SCALE: 1/8" = 1'-0"

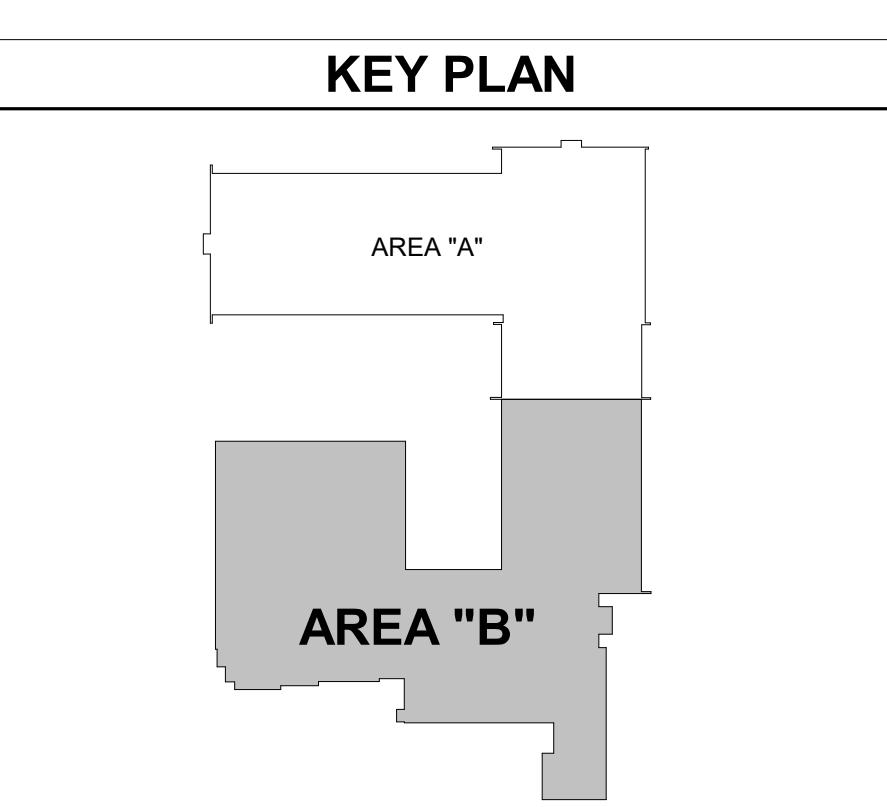
PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

170 NORTH MAIN STREET
SPANISH FORK, UTAH 84660
www.kmaarchitects.com



REVISIONS:

M1.1B



PROJECT TITLE
HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
HUNTINGTON, UT 84528

DRAWN BY: STAFF
CHECKED BY: M.T.
DATE: JAN 2026
PROJECT #: 176525

As Required

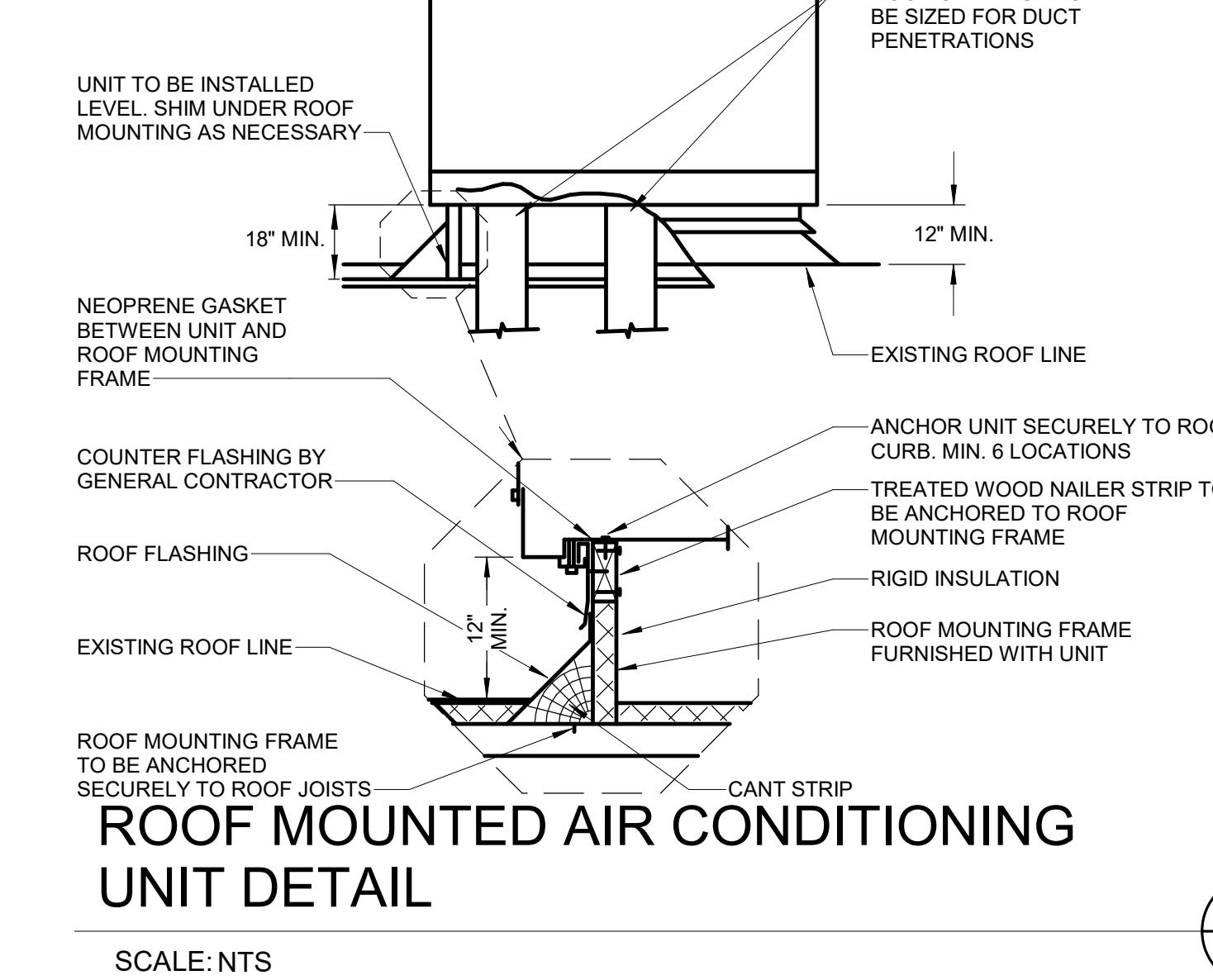
M1.1B

GAS FIRED / DX ROOF TOP UNIT SCHEDULE																	
SYMBOL	LOCATION	CFM	E.S.P.	MIN. O.A. CFM	DX - COOLING CAPACITY			GAS - HEATING CAPACITY			POWER	MCA	MOP	RT-SIZE	UNIT WTS. LBS	MAKE & MODEL	NOTES (1)(2)(3)(4)(5)(6)
					DX MBH	DX SENSIBLE MBH	DX EFFICIENCY	GAS MBH INPUT	GAS MBH OUTPUT	GAS EFFICIENCY							
RT-1	CLASSROOM 158	1450	0.5	408	34.08	26.13	13.40 SEER2	88.0/65.6	70.4/52.0	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-2	CLASSROOM 159	1500	0.5	407	34.5	28.56	13.40 SEER2	88.0/65.6	70.4/52.0	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-3	CLASSROOM 149	1100	0.5	413	31.65	26.99	13.40 SEER2	53.6	43.2	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-4	CLASSROOM 151	1200	0.5	410	32.46	27.70	13.40 SEER2	53.6	43.2	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-5	CLASSROOM 148	1050	0.5	411	31.24	26.57	13.40 SEER2	53.6	43.2	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-6	CLASSROOM 152	1150	0.5	410	32.06	27.32	13.40 SEER2	53.6	43.2	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-7	JANITOR 146	1800	0.5	750	47.74	38.72	13.40 SEER2	88.0	70.4	80 %	208/3/60	31	45.0	74.4 L x46.6 W x33.4 H	533	CARRIER	48FEEAO5B2A5-BB1C0
RT-8	CLASSROOM 153	1500	0.5	410	34.49	28.61	13.40 SEER2	88.0/65.6	70.4/52.0	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	533	CARRIER	48FEEAO4B2A5-BB1C0
RT-9	CLASSROOM 144	1100	0.5	750	34.49	26.99	13.40 SEER2	53.6	43.2	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-10	MEDIA CENTER 157	1200	0.5	410	32.46	27.70	13.40 SEER2	53.6	43.2	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	533	CARRIER	48FEEAO4B2A5-BB1C0
RT-11	CLASSROOM 143	1500	0.5	413	34.47	28.83	13.40 SEER2	88.0/65.6	70.4/52.0	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0
RT-12	CLASSROOM 139	1600	0.5	408	47.47	38.37	13.40 SEER2	88.0	70.4	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO5B2A5-BB1C0
RT-13	CLASSROOM 138	1053	0.5	426	31.27	26.58	13.40 SEER2	53.6	43.2	80 %	208/1/60	22	30.0	74.4 L x46.6 W x33.4 H	533	CARRIER	48FEEAO4B2A5-BB1C0
RT-14	CLASSROOM 137	1500	0.5	415	50.76	31.84	13.40 SEER2	53.6	43.2	80 %	208/3/60	22	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO4B2A5-BB1C0
RT-15	CLASSROOM 132	1990	0.5	410	47.47	38.42	13.40 SEER2	88.0	70.4	80 %	208/3/60	26	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO5B2A5-BB1C0
RT-16	CLASSROOM 131	1800	0.5	412	47.47	38.72	13.40 SEER2	88.0	70.4	80 %	208/3/60	26	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO5B2A5-BB1C0
RT-17	CLASSROOM 128	1600	0.5	435	47.47	38.87	13.40 SEER2	88.0	70.4	80 %	208/3/60	26	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO4B2A5-BB1C0
RT-18	CLASSROOM 133	1990	0.5	435	47.47	38.25	13.40 SEER2	88.0	70.4	80 %	208/3/60	31	45.0	86.4 L x59.5 W x39.3 H	676	CARRIER	48FEEAO6B2A5-BB1C0
RT-19	CLASSROOM 127	1600	0.5	418	47.47	38.42	13.40 SEER2	88.0	70.4	80 %	208/3/60	26	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO5B2A5-BB1C0
RT-20	CLASSROOM 136	1990	0.5	415	48.43	38.32	13.40 SEER2	88.0	70.4	80 %	208/3/60	26	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO4B2A5-BB1C0
RT-21	CLASSROOM 125	1600	0.5	418	47.47	38.42	13.40 SEER2	88.0	70.4	80 %	208/3/60	26	30.0	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO5B2A5-BB1C0
RT-22	VESTIBULE A54	1800	0.5	272	47.47	38.72	13.40 SEER2	88.0	70.4	81 %	208/3/60	32	50	74.4 L x46.6 W x33.4 H	663	CARRIER	48FEEAO5B2A5-BB1C0
RT-23A	KINDERGARTEN 111	1200	0.5	185	32.46	27.7	13.40 SEER2	53.6	43.2	80 %	208/3/60	26	30	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO4B2A5-BB1C0
RT-23B	KINDERGARTEN 111	1200	0.5	185	32.46	27.7	13.40 SEER2	53.6	43.2	80 %	208/3/60	26	30	74.4 L x46.6 W x33.4 H	594	CARRIER	48FEEAO4B2A5-BB1C0
RT-24A	MULTIPURPOSE 129	1990	0.5	625	47.74	44.49	13.40 SEER2	88.0	70.4	81 %	208/3/60	31	45	115.9 L x63.4 W x57.4 H	676	CARRIER	48FEEAO6B2A5-BB1C0
RT-24B	MULTIPURPOSE 129	1990	0.5	625	47.74	44.49	13.40 SEER2	88.0	70.4	81 %	208/3/60	31	45	115.9 L x63.4 W x57.4 H	676	CARRIER	48FEEAO6B2A5-BB1C0
RT-26	KITCHEN 130	1200	0.5	141	33.08	23.30	13.40 SEER2	53.6	43.2	80 %	208/3/60	22.0	30.0	74.4 L x46.6 W x33.4 H	648	CARRIER	48FEEAO4B2A5-BB1C0

MECHANICAL EQUIPMENT SCHEDULE

AC-1 (INDOOR)	INDOOR UNIT: HEAT PUMP, HIGH WALL MOUNTED, HORIZONTAL DISCHARGE, 441 CFM, 11,730 BTUH TOTAL COOLING CAPACITY AT 95 DEG. F. O.A. TEMP. 80 DEG. F. D.B./67 DEG. F. W.B. INDOOR AIR, AND 10,428 BTUH TOTAL HEATING CAPACITY AT 5 DEG. F. O.A. TEMP. 80/81/80 DEG. F. DB/67 DEG. F. WB. INDOOR UNIT TO BE COMPLETE WITH CLEANABLE FILTER, CHECK & EXPANSION VALVE KIT, PRE-CHARGED LINE SET, DRAIN PAN AND DRAIN CONNECTION OUT BACK SIDE OF UNIT. PROVIDE WALL-MOUNTED THERMOSTAT WITH NIGHT SET BACK.
AC-1 (ON ROOF)	OUTDOOR UNIT: AIR COOLED, HORIZONTAL DISCHARGE, INVERTER COMPRESSOR, UNIT TO BE MOUNTED ON HOUSEKEEPING PAD. 11,730 BTUH TOTAL COOLING CAPACITY AT 95 DEG. F. O.A. TEMP. 80 DEG. F. DB/67 DEG. F. WB. IN 10,428 BTUH TOTAL HEATING CAPACITY AT 5 DEG. F. O.A. TEMP. 80/81/80 DEG. F. DB/67 DEG. F. WB. OUTDOOR UNIT TO BE UL LISTED. UNITS SHALL BE COMPLETE WITH CRAC CASES, AMBIENT CONTROLS, AND AUTOMATIC OPERATION. CONTRACTOR TO PROVIDE A HOUSE KEEPING PAD ABOVE GROUND LEVEL.
	UNIT DIM: 8.86' L x 31.30" W x 11.61" H WEIGHT: 43.65 LBS MANUFACTURER: CARRIER MODEL: 45MAHQ12A3

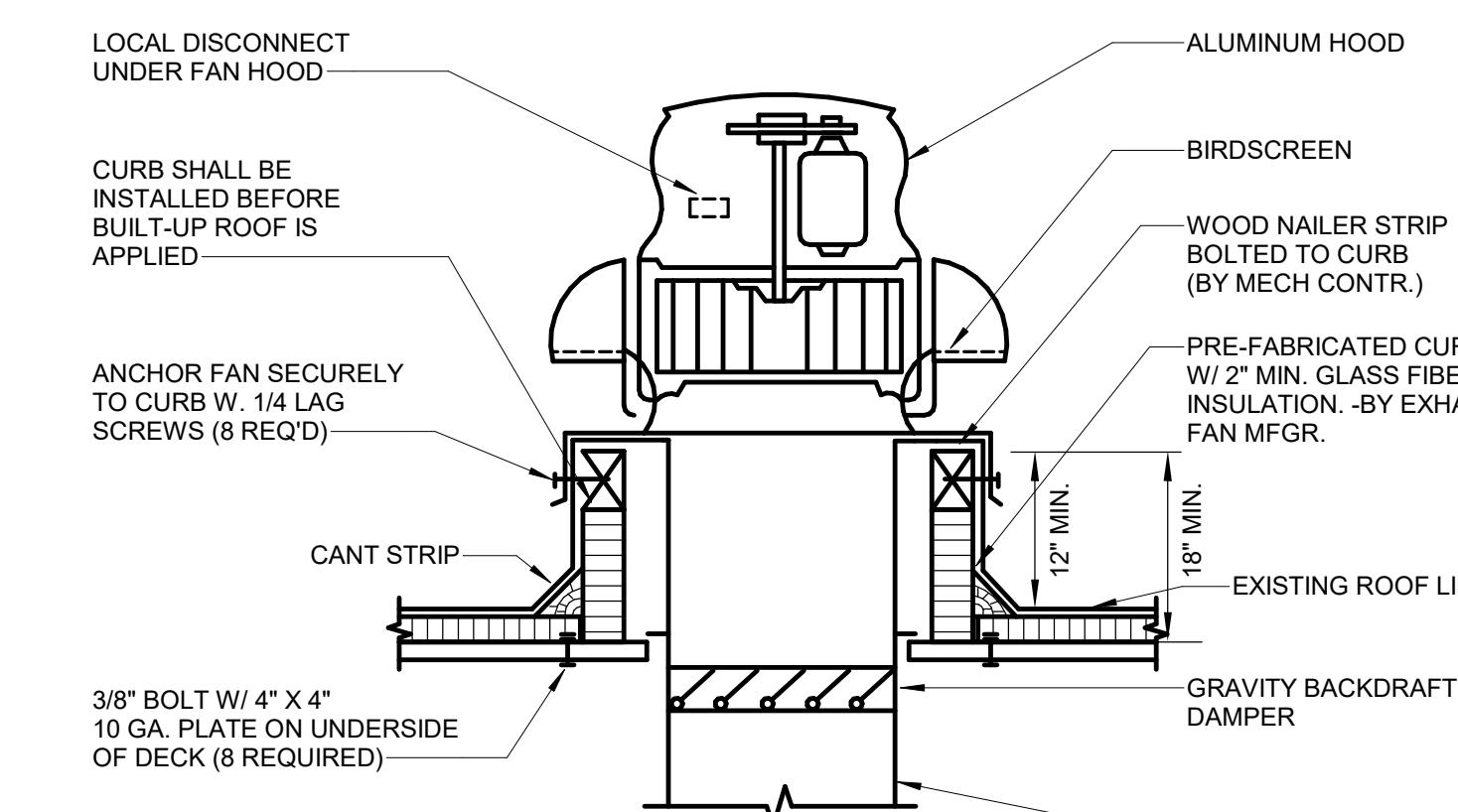
LINEAR DIFFUSER SCHEDULE					
SYMBOL	TYPE	NUMBER OF SLOTS	SIZE	AIR PATTERN	MAKE & MODEL
LD-1	SUPPLY	2	4"x46		



ROOF MOUNTED AIR CONDITIONING
UNIT DETAIL

SCALE: NTS

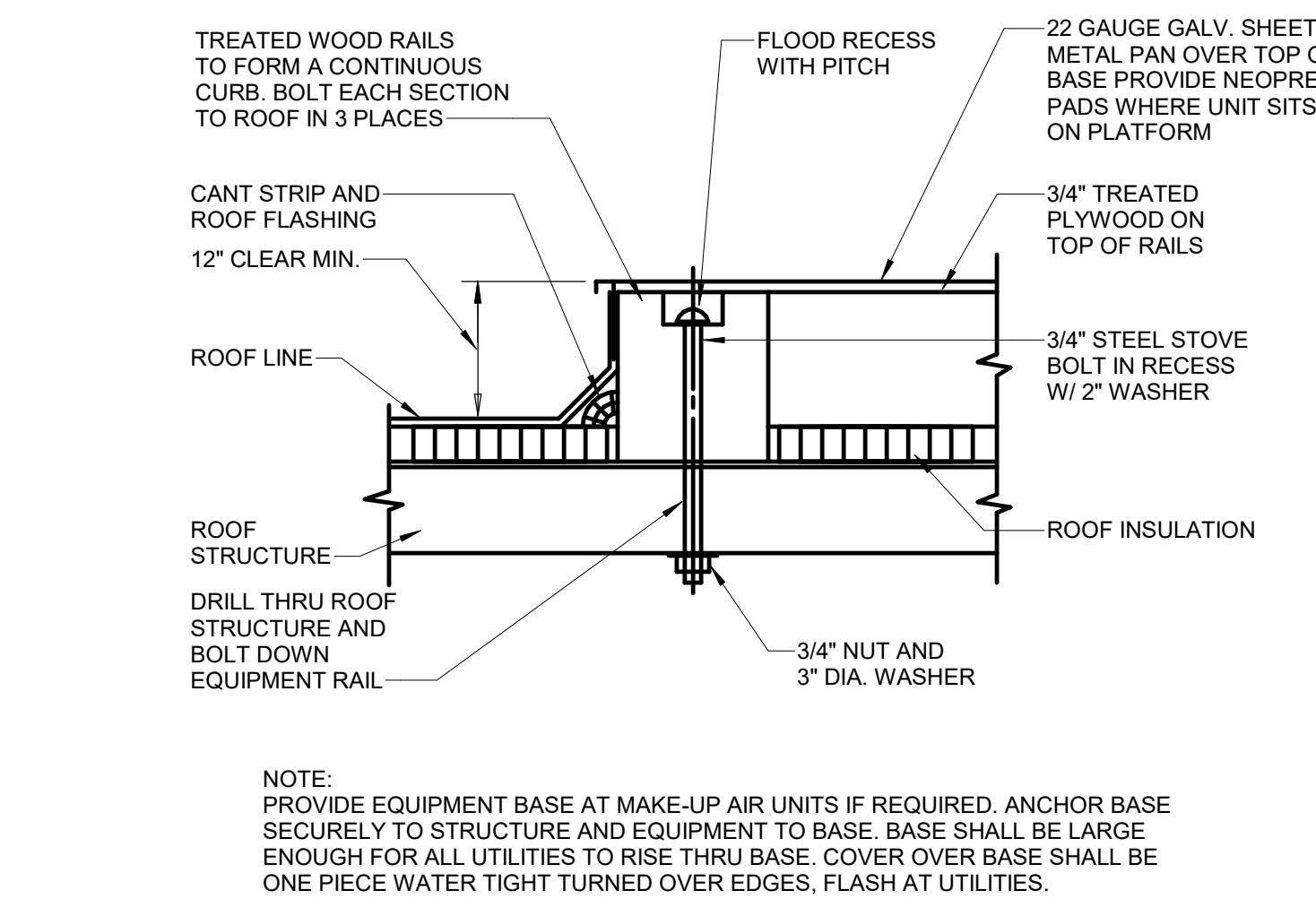
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ROOF MOUNTED EXHAUST FAN DETAIL

SCALE: NTS

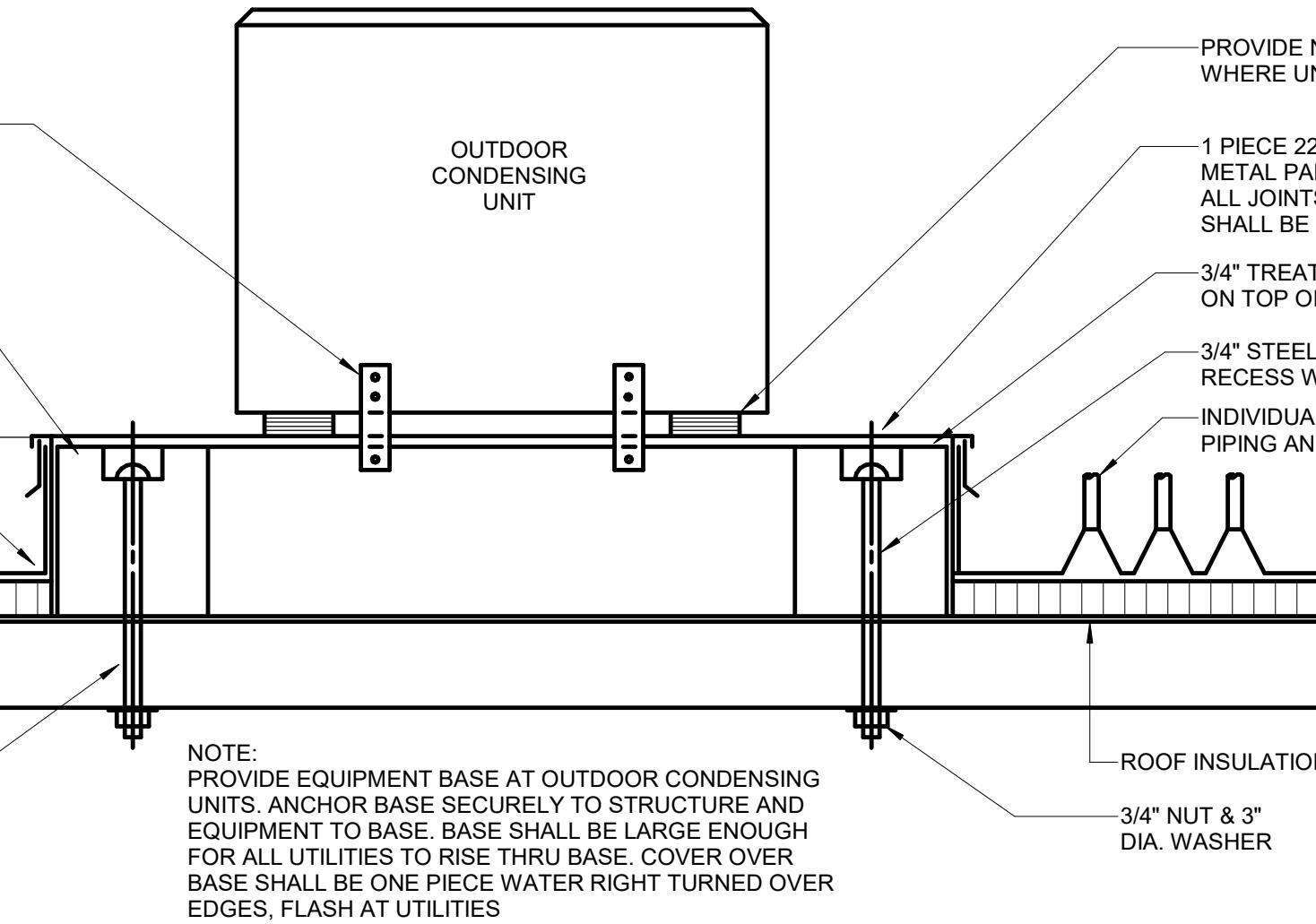
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ROOFTOP EQUIPMENT BASE DETAIL

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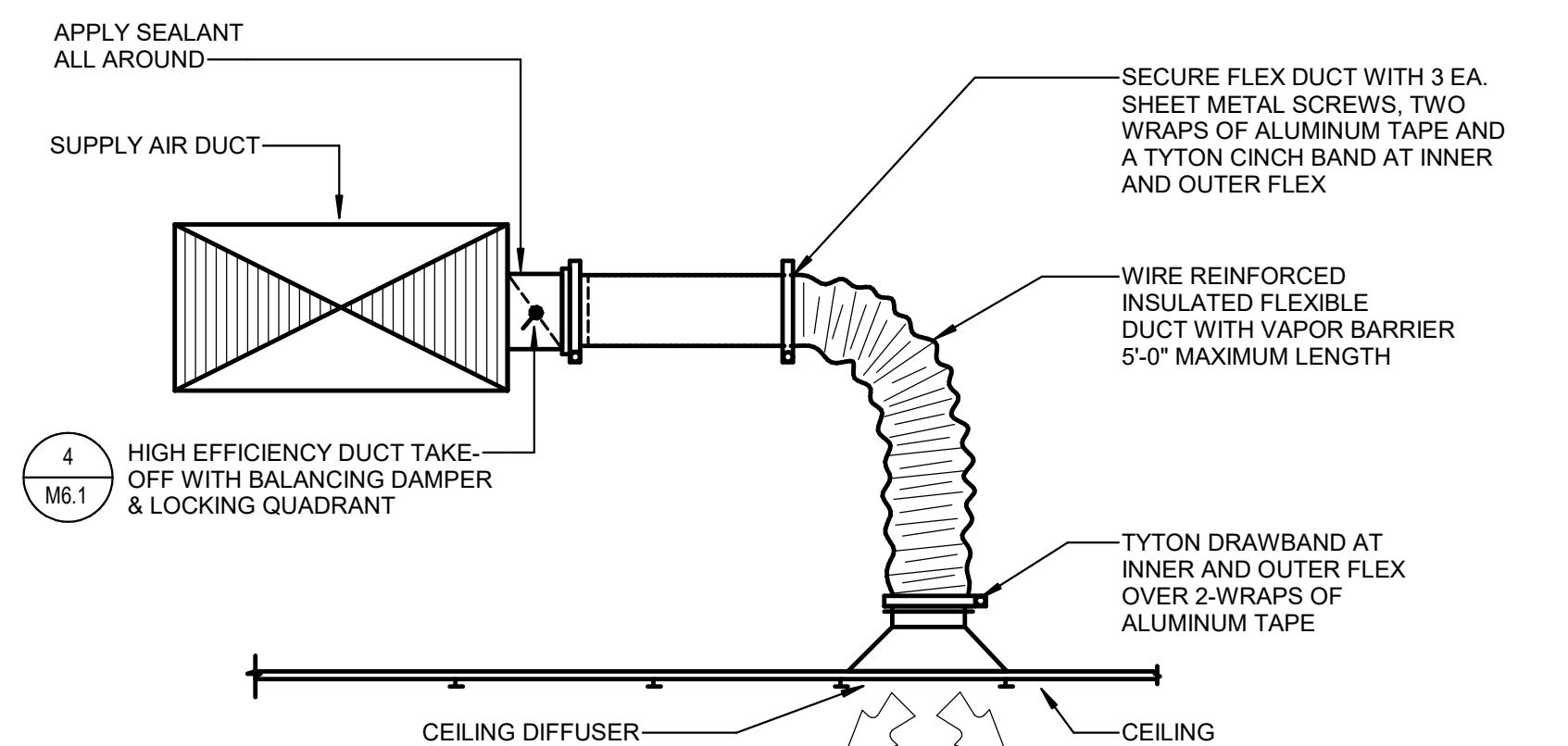
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AC OUTDOOR UNIT DETAIL

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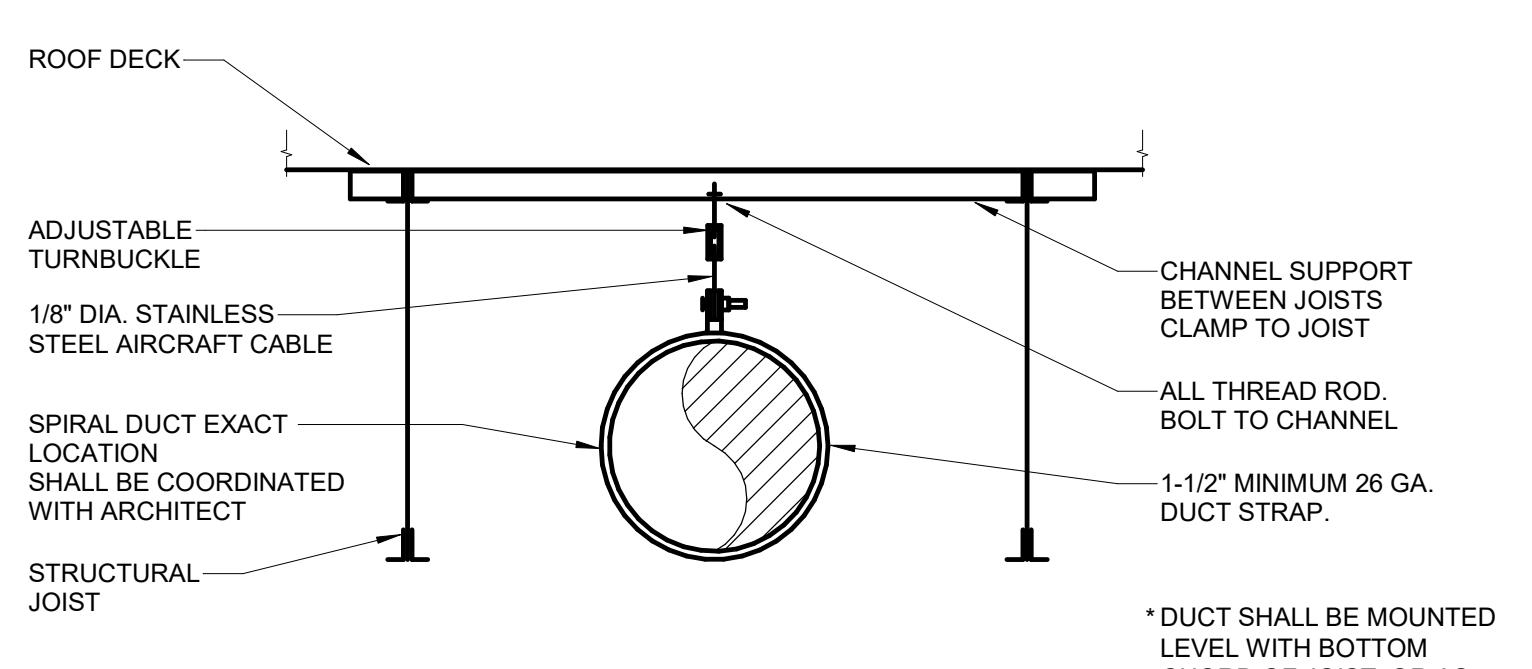
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M6.1



CEILING DIFFUSER DETAIL

SCALE: NTS

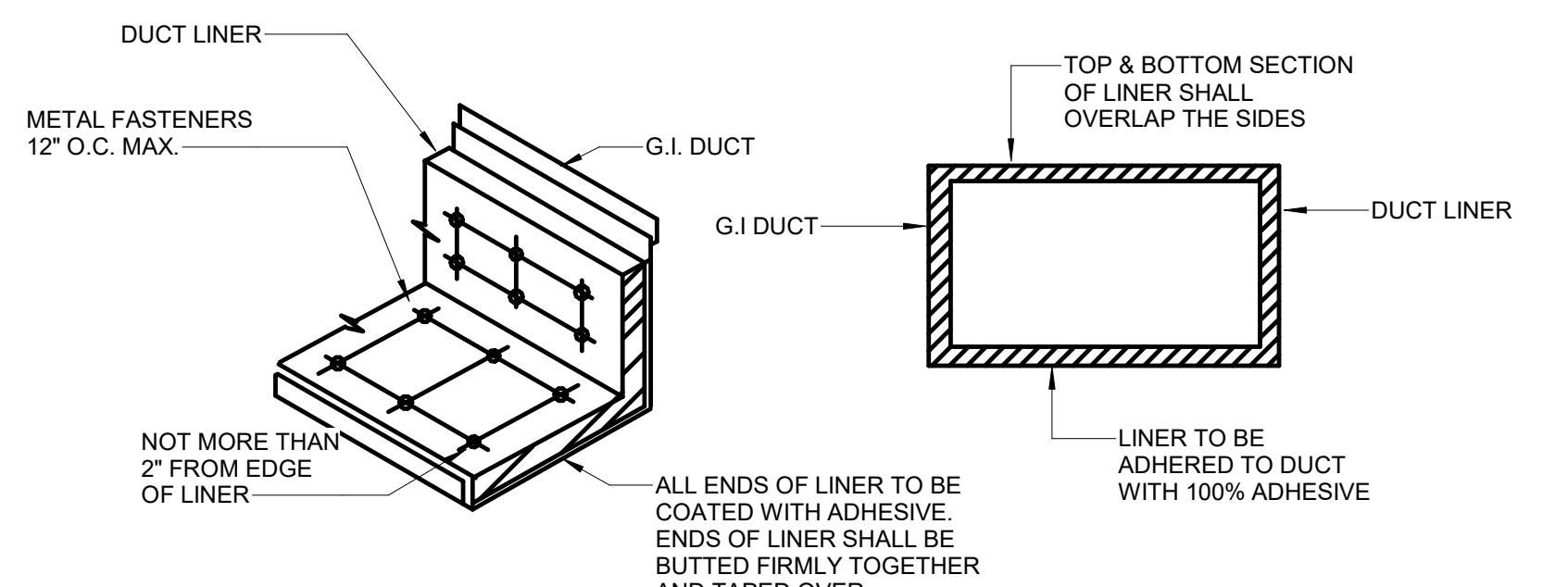
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EXPOSED SPIRAL DUCT HANGER
DETAIL

SCALE: NTS

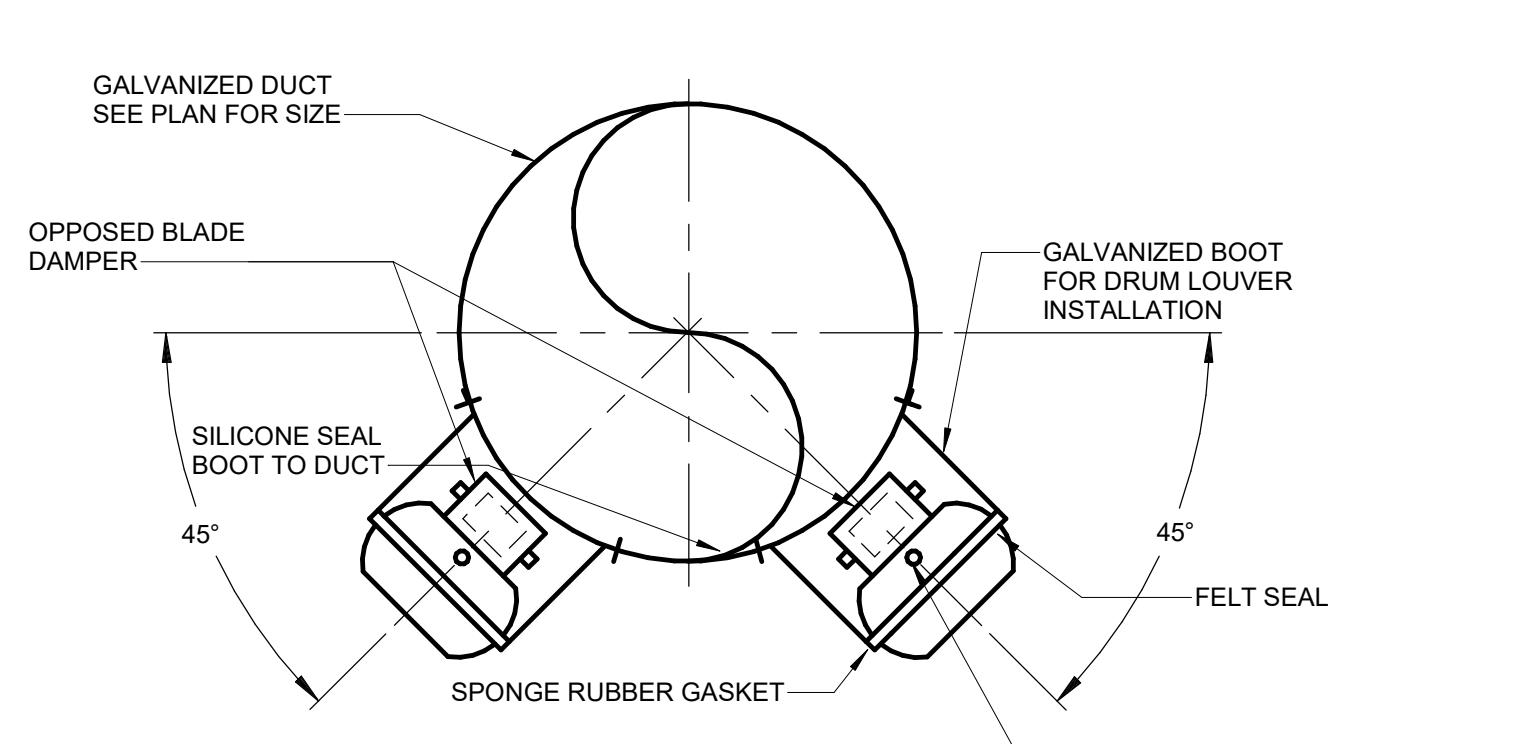
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BRANCH DUCT TAKE-OFF DETAIL

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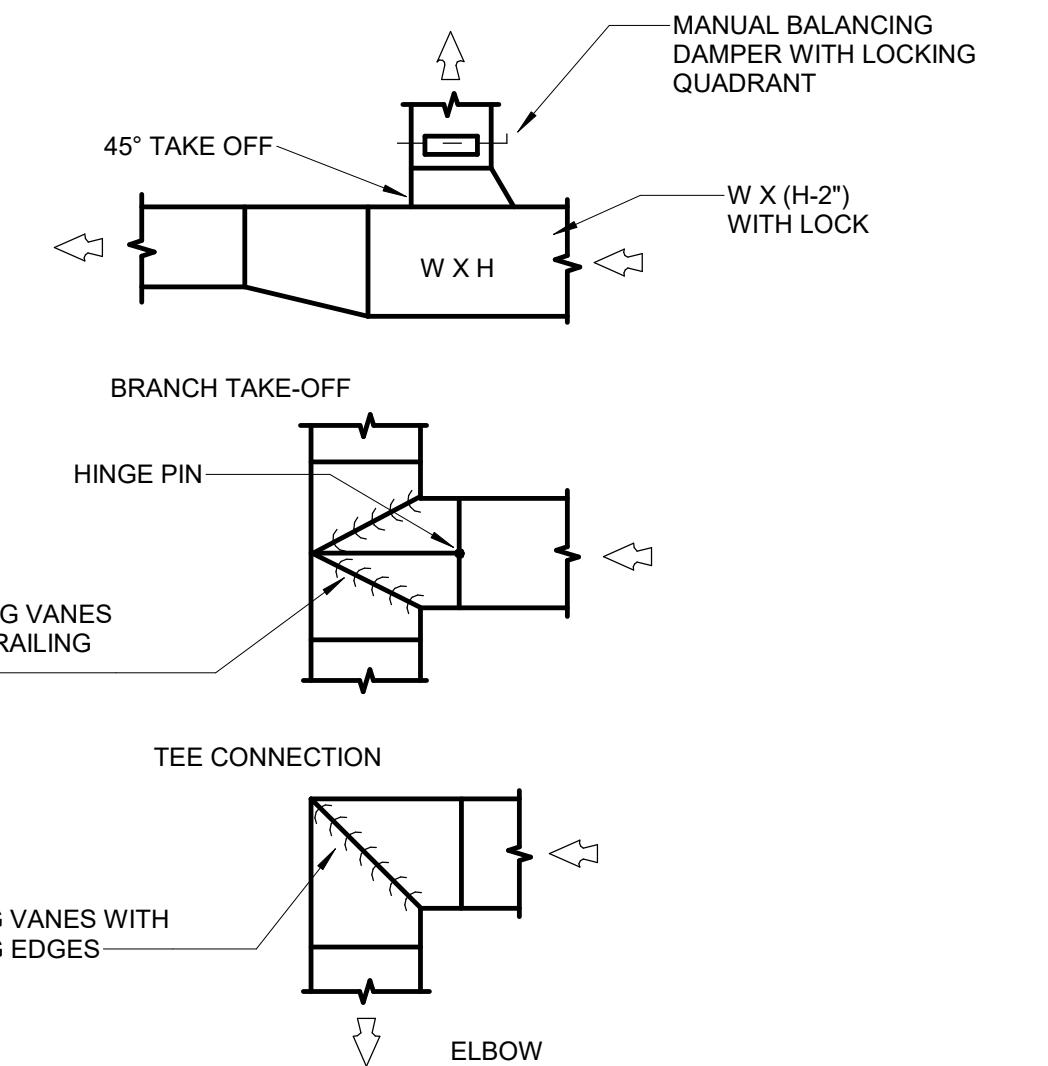
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DRUM DIFFUSER INSTALLATION DETAIL

SCALE: NTS

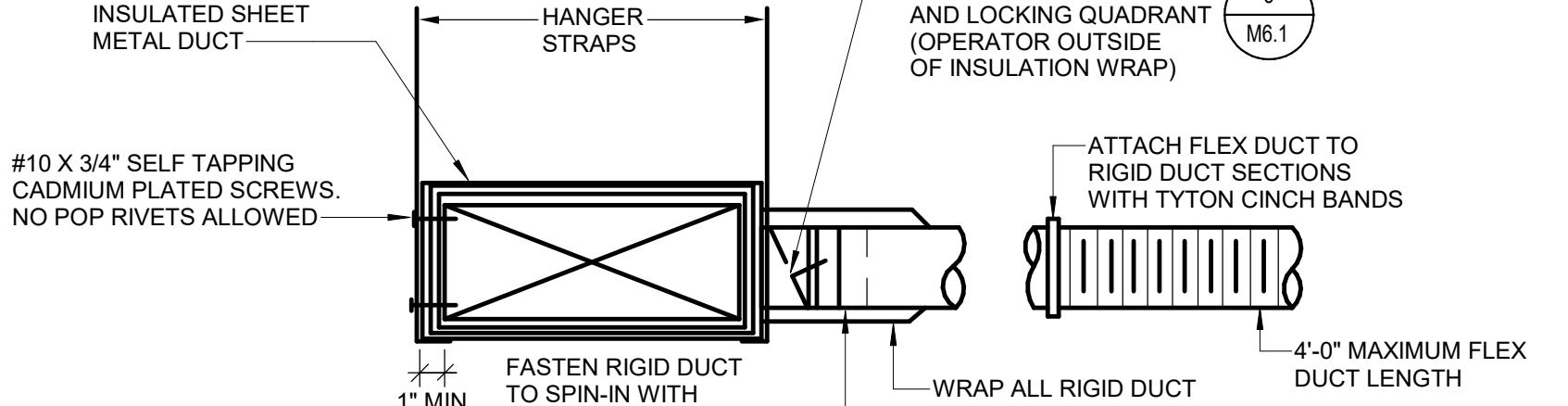
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LOW PRESSURE DUCT DETAIL

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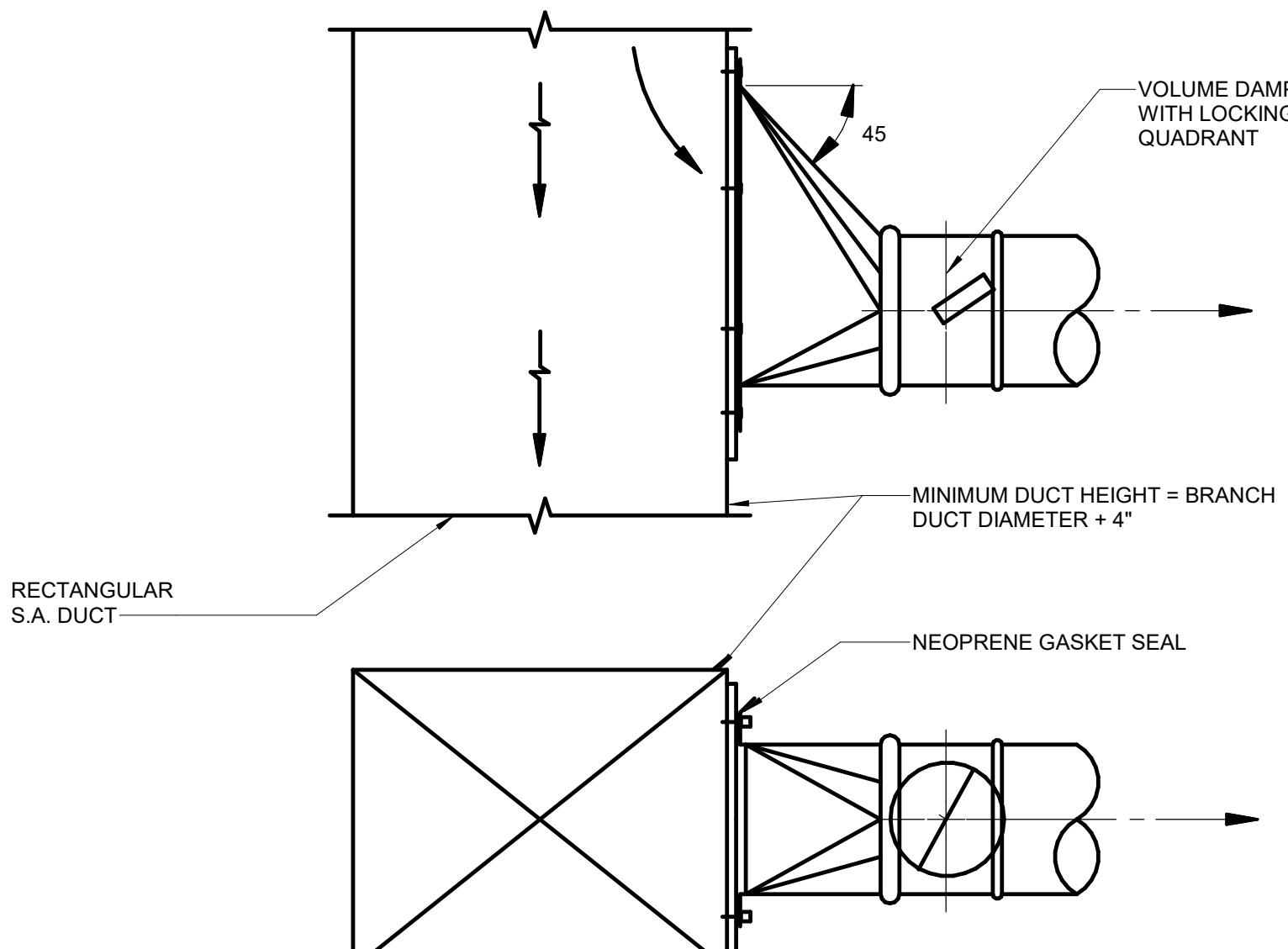
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FLEX DUCT H.E.T. FITTING DETAIL

SCALE: NTS

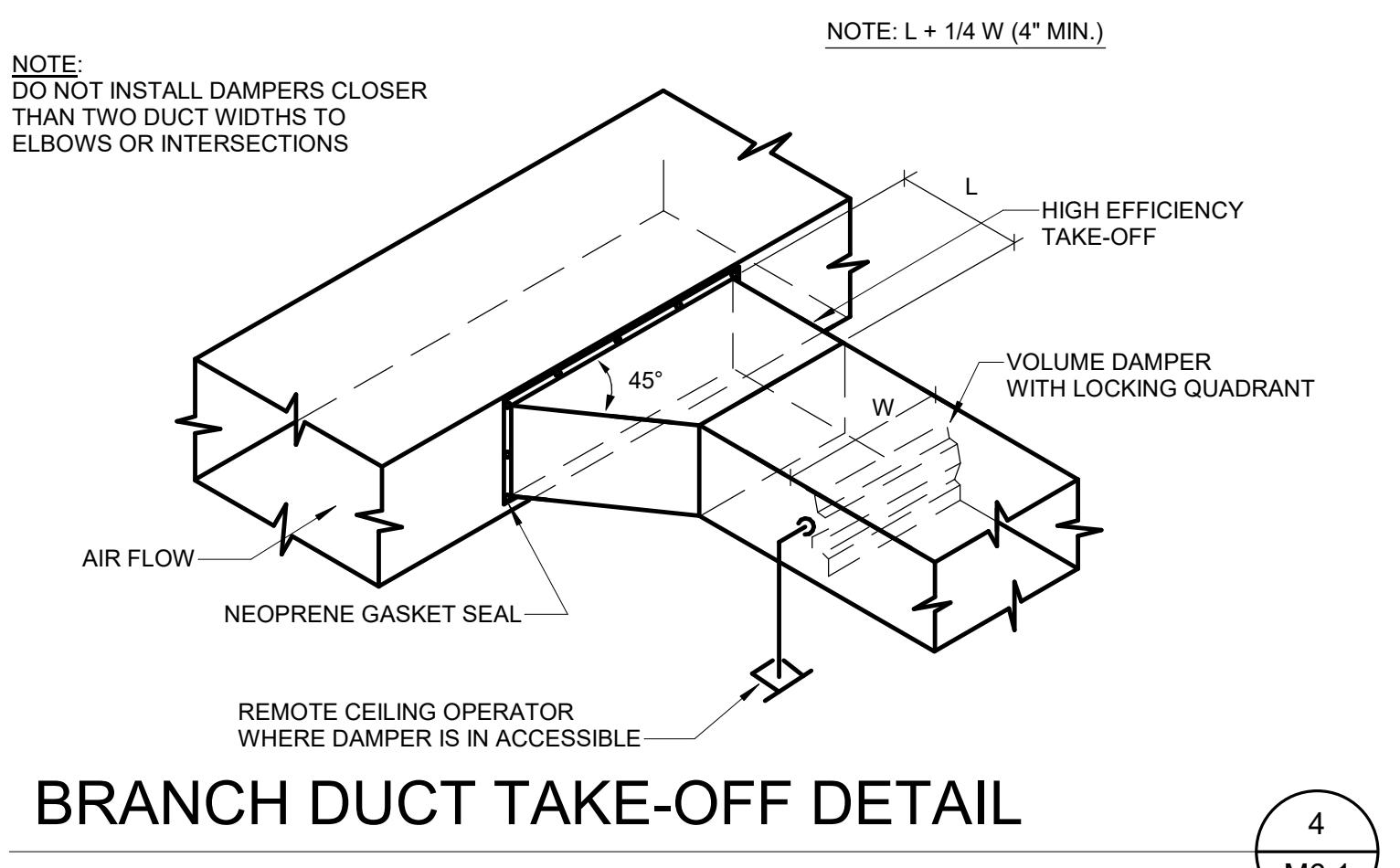
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BRANCH DUCT TAKE-OFF DETAIL

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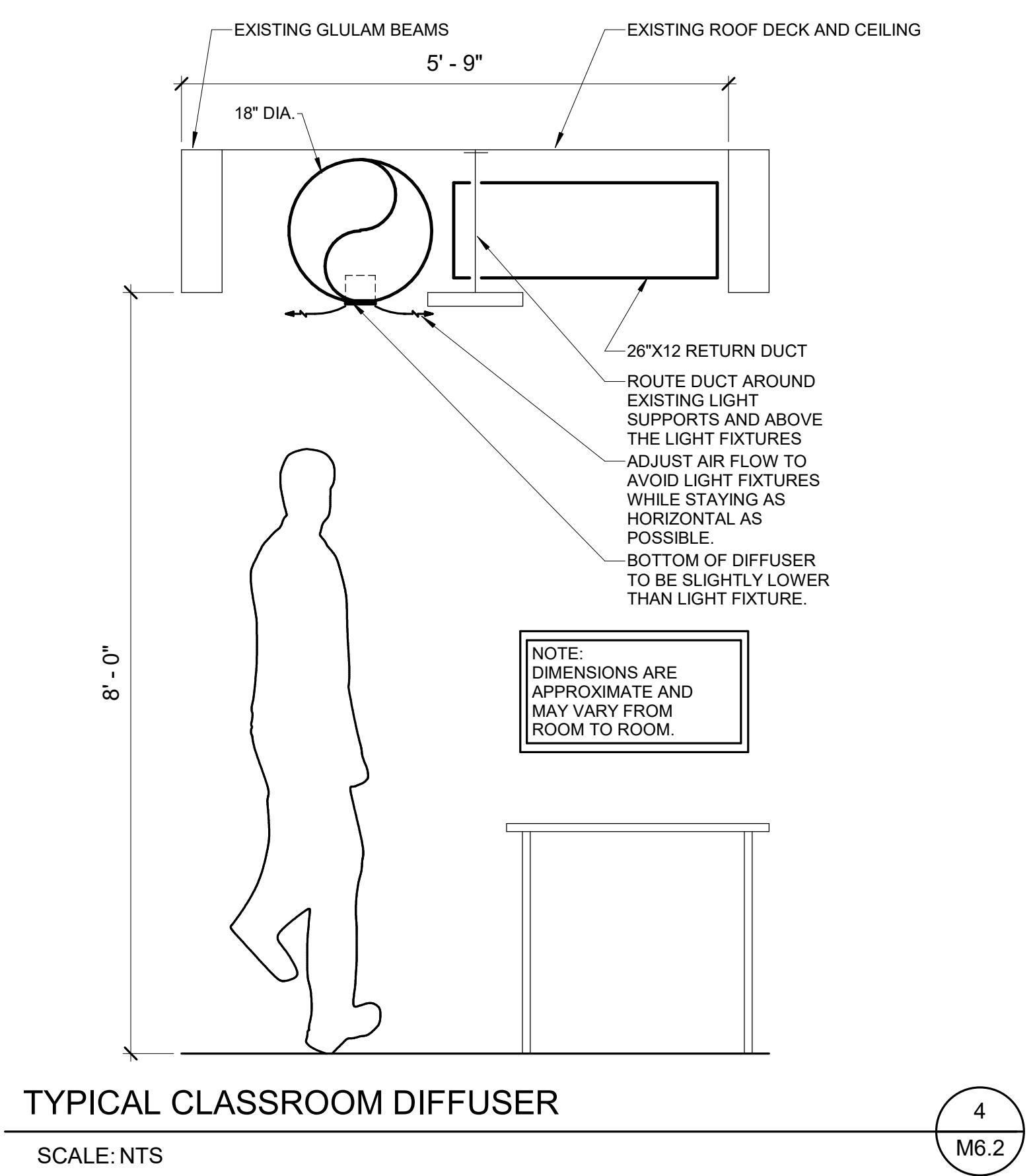
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BRANCH DUCT TAKE-OFF DETAIL

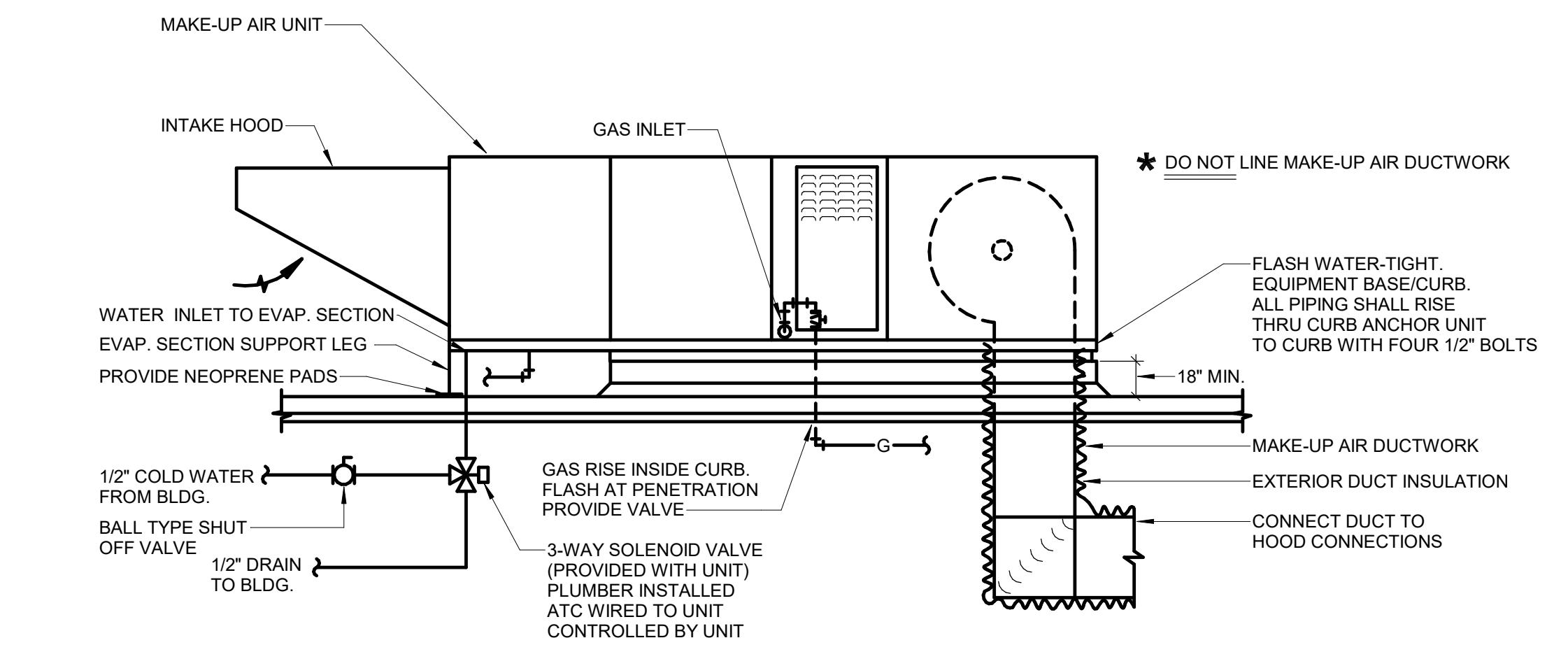
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M6.1



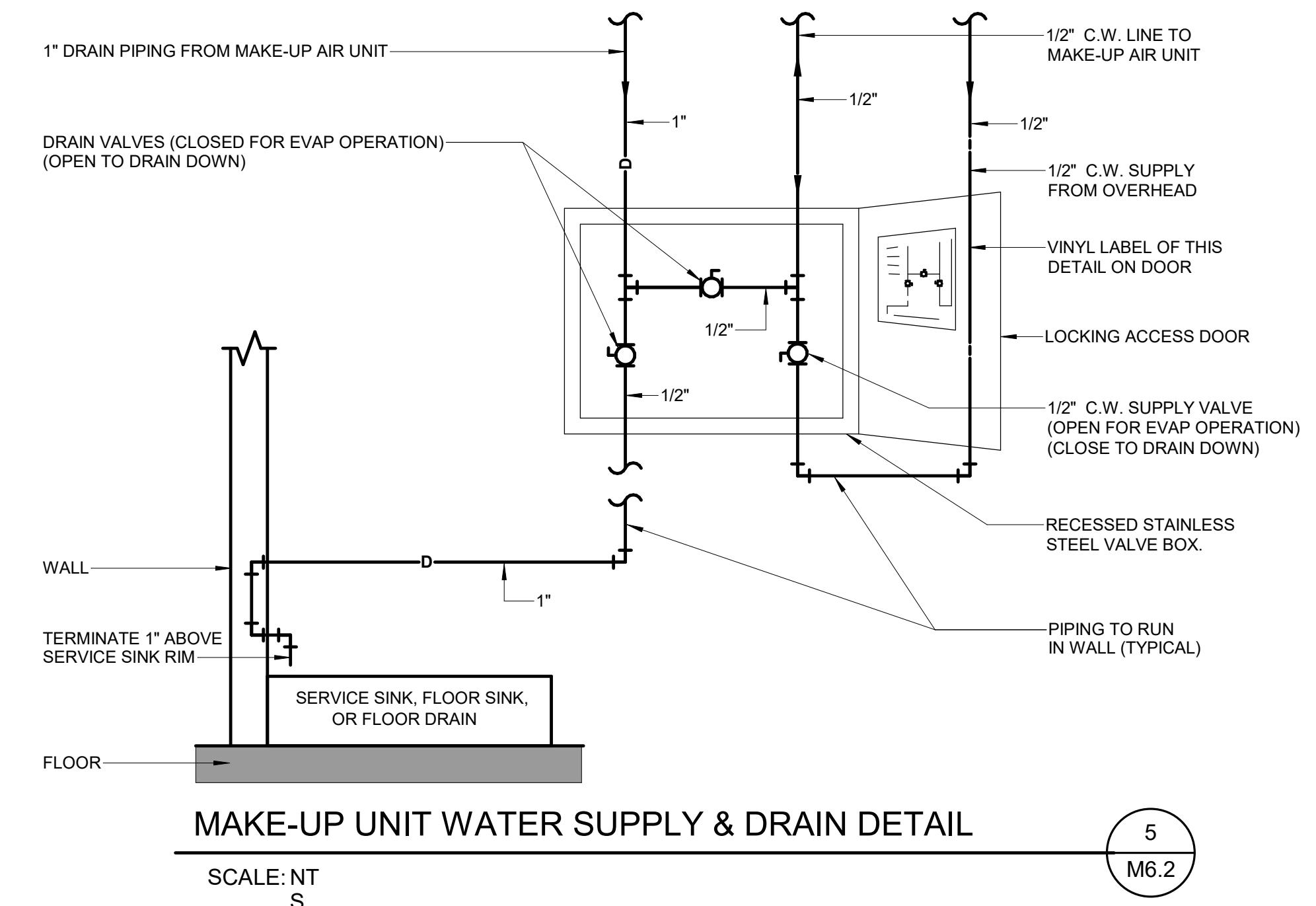
TYPICAL CLASSROOM DIFFUSER

SCALE: M



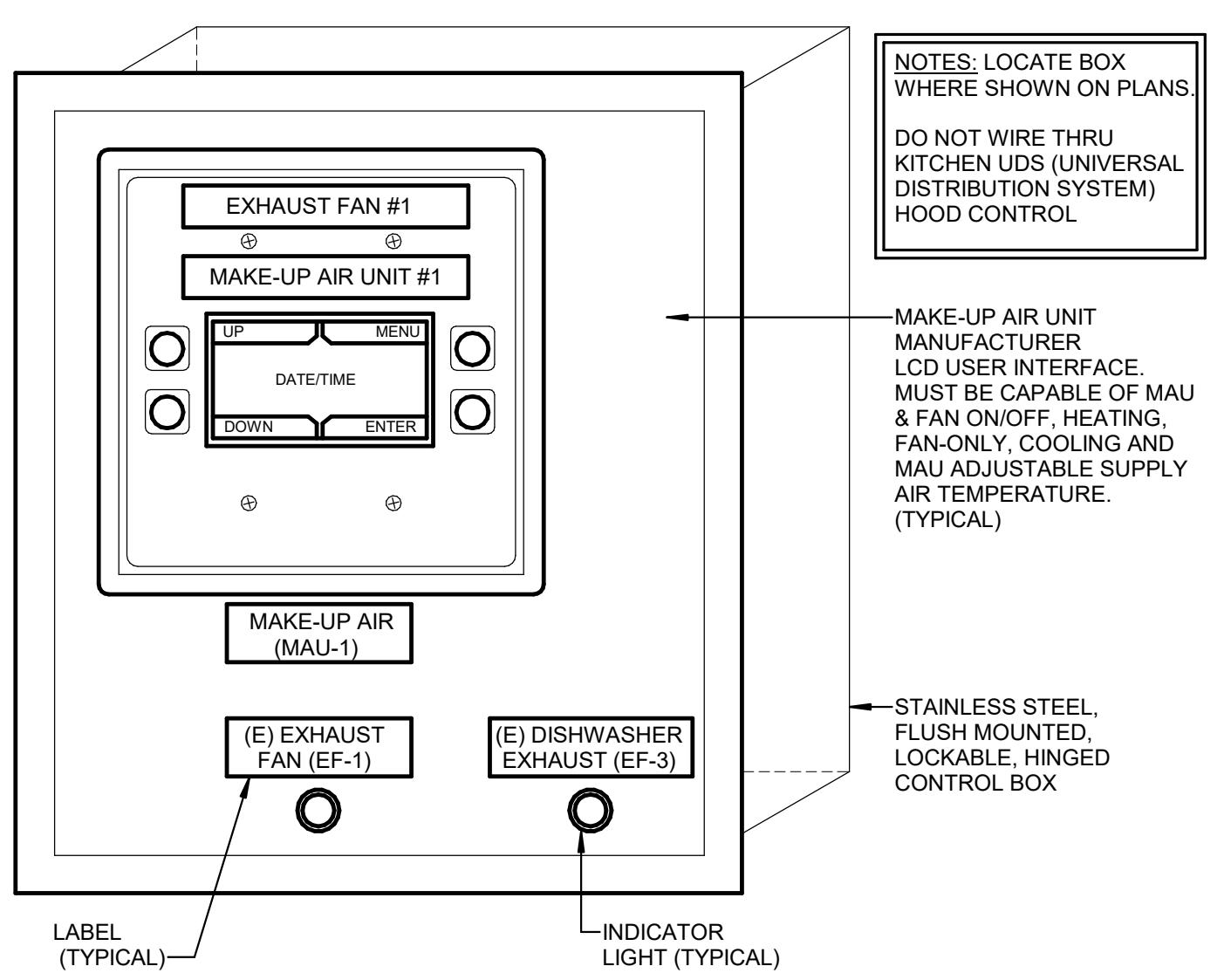
MAKE-UP AIR UNIT DETAIL

SCALE: NT



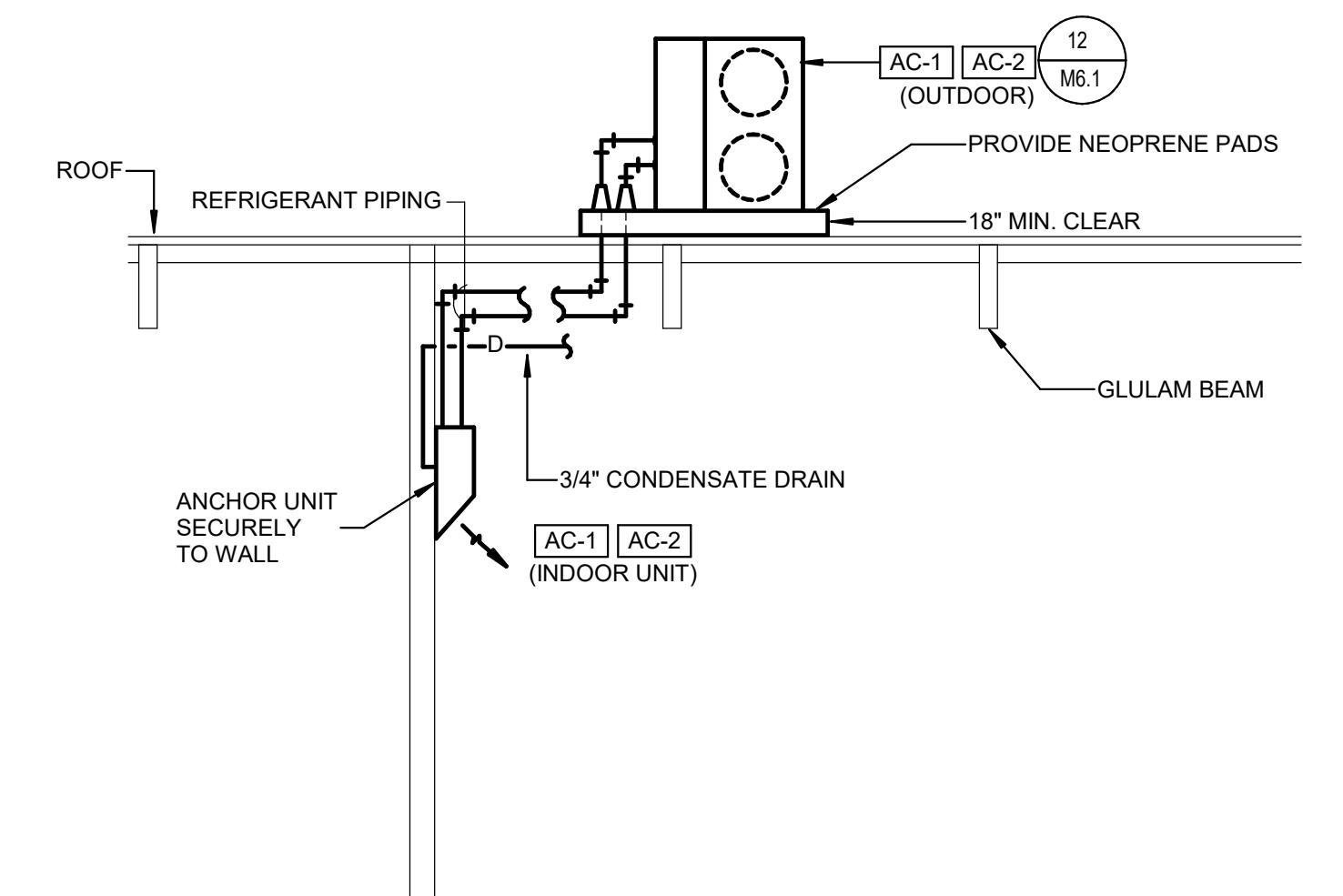
MAKE-UP UNIT WATER SUPPLY & DRAIN DETAIL

S



MAKE-UP AIR UNIT AND KITCHEN EXHAUST CONTROL PANEL DETAIL

SCAI



ROOM AC UNIT DETAIL

SCALE·NT

SYMBOL LEGEND GENERAL NOTES	
1. REFER TO LUMINAIRE SCHEDULE FOR FIXTURE TYPES, MOUNTING REQUIREMENTS, WATTAGE & DETAILS.	
2. WIRE LIGHT FIXTURE FROM ADJACENT JUNCTION BOX.	
3. CONNECT NEAREST UN-SWITCHED HOT CONDUCTOR TO EMERGENCY BALLAST.	
4. LIGHT FIXTURES ARE SCALED WITHIN THE DRAWINGS BASED ON ACTUAL DIMENSIONS.	
5. REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.	
6. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.	
7. HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISHED FLOOR.	
8. NOT USED.	
9. NEMA TYPE "ND" NON-FUSED UNLESS NOTED "F" (FUSED), USE HEAVY DUTY (HD) DEVICE FOR 480 VOLTS.	
10. SIZE TO THE EQUIPMENT BEING CONTROLLED.	
11. PROVIDE H.O.A. & S.C. PUSHBUTTONS AS REQUIRED.	
12. DOUBLE ARROWS INDICATES A DOUBLE FACE UNIT.	
13. FOR WATER COOLER LOCATION, REFER TO FIGURE 9022. FOR ALL OTHER LOCATIONS, MOUNT AT 4'-0" TO BOTTOM OF BOX FROM FINISHED FLOOR, OR AS NOTED.	
14. ARROWS SHOWN ON DEVICE INDICATE AIMING DIRECTION.	
15. COORDINATE WITH DOOR HARDWARE SUPPLIER.	
16. MOUNT ON TRACK OR OVERHEAD DOOR FROM TOP OF DOOR UNLESS OVERHEAD DOOR IS A ROLL UP DOOR, THEN MOUNT ON MANUFACTURER'S INSTRUCTIONS.	
17. INSTALL DEVICES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.	
18. DASHED LINE INDICATES EQUIPMENT CLEARANCES. ARROW INDICATES FRONT OF RACK.	
19. HEIGHT MEASURED TO BOTTOM OF THE DEVICE FROM FINISHED FLOOR.	
20. PROVIDE MUD RING & BOX COVER APPROPRIATE FOR DEVICE/FIXTURE SERVED.	
21. REFER TO DIAGRAMS, ELEVATIONS, & SCHEDULES FOR CUSTOM ROUGH-IN REQUIREMENTS.	
22. ROUGH-IN TO BE HORIZONTAL.	
23. REFER TO MANUFACTURER'S RECOMMENDED CABLE REQUIREMENTS FOR EXACT CABLE REQUIRED.	
24. FOLLOW BICSI STANDARDS FOR CABLE ROUTING & DISTANCES.	
25. SUBSCRIPT INDICATES NEMA CONFIGURATION.	
26. USE A 4" X 4" BOX WITH A MUD RING TO MATCH THE DEVICE & INSTALLATION.	
27. USE WITH POWER PACK.	
28. PROVIDE UL LISTED DEVICE COMPATIBLE WITH THE FIRE ALARM PANEL/SYSTEM.	
29. CAMERA TYPES ARE INDICATED INSIDE THE CAMERA SYMBOL.	
30. SOLID BOX AROUND DEVICE INDICATES INSTALLED IN FLOOR, DASHED BOX AROUND DEVICE INDICATES INSTALLED IN CEILING.	
31. WALL DEVICES NOTED WITH A CHEVRON INDICATE THE PROPOSED INSTALLATION HEIGHT. COORDINATE WITH MILLWORK SHOP DRAWINGS & ELEVATIONS FOR HEIGHT.	

GENERAL NOTES																						
1. CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.																						
2. VERIFY ALL EQUIPMENT DIMENSIONS & LOCATIONS BEFORE BEGINNING ROUGH-IN. PROVIDE 1" CLEARANCE FOR EQUIPMENT TO CEILING TO ENSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.																						
3. CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS) ETC. OF ALL EQUIPMENT FURNISHED IN ALL DIVISIONS, INCLUDING ALL EXISTING EQUIPMENT TO BE RE-USED. REVIEW ALL SHOP DRAWINGS AND EXISTING EQUIPMENT BEFORE BEGINNING ROUGH-IN.																						
4. SEE SECTION 0100 FOR THE SPECIFICATION FOR REQUIRED COORDINATION MEETINGS WITH MECHANICAL AND CEILING CONTRACTORS.																						
5. SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.																						
6. FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.																						
7. THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT ALL PLATE DUCTS, OR EQUIPMENT FORCED TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL NOT BE INSTALLED IN EXTERIOR OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.																						
8. ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUNDED BOXES ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.																						
9. ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIALS AND FIRE RATINGS OF SURFACE PENETRATED.																						
10. CONTRACTOR SHALL VERIFY ALL EQUIPMENT PRIOR TO MOUNTING IN THE JUNCTION BOX OR POKE-THRU WITH OWNER AND FURNITURE PROVIDER PRIOR TO ROUGH-IN.																						
11. CIRCUITS EXTENDING OVER 70' FOR 120V/120 & 115' FOR 277V/20 AMP CIRCUITS SHALL BE RUN WITH CONDUCTORS PER TABLE BELOW.																						
<table border="1"> <thead> <tr> <th colspan="3">20 AMP MINIMUM BRANCH CIRCUIT CONDUCTOR SIZING</th> </tr> <tr> <th>MAXIMUM CIRCUIT VOLTAGE</th> <th>CONDUCTOR LENGTH (FT)</th> <th>277 VOLTS</th> </tr> </thead> <tbody> <tr> <td>120 VOLT</td> <td><70</td> <td>MIN. #12 AWG</td> </tr> <tr> <td>115-170</td> <td>MIN. #12 AWG</td> <td>MIN. #12 AWG</td> </tr> <tr> <td>170-270</td> <td>MIN. #6 AWG</td> <td>MIN. #6 AWG</td> </tr> <tr> <td>271-380</td> <td>NOTE B</td> <td>MIN. #6 AWG</td> </tr> <tr> <td>>380</td> <td>NOTE B</td> <td>NOTE B</td> </tr> </tbody> </table>		20 AMP MINIMUM BRANCH CIRCUIT CONDUCTOR SIZING			MAXIMUM CIRCUIT VOLTAGE	CONDUCTOR LENGTH (FT)	277 VOLTS	120 VOLT	<70	MIN. #12 AWG	115-170	MIN. #12 AWG	MIN. #12 AWG	170-270	MIN. #6 AWG	MIN. #6 AWG	271-380	NOTE B	MIN. #6 AWG	>380	NOTE B	NOTE B
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>380	NOTE B	NOTE B																				
<p>A. THESE ARE BASED ON MAXIMUM LENGTH OF CIRCUIT.</p> <p>B. PERFORM VOLTAGE DROP CALCULATIONS AND PROVIDE CONDUCTOR SIZE TO KEEP BRANCH CIRCUIT VOLTAGE DROP LESS THAN 3% WITHIN 15 AMP LOAD.</p> <p>C. CONTRACTOR SHALL ENSURE THAT THE INSTALLATION OF EACH BRANCH CIRCUIT STAYS WITHIN 3% VOLTAGE DROP FOR A 15 AMP LOAD. IF NECESSARY CONTRACTOR SHALL INCREASE WIRE AND CONDUIT SIZE TO MEET THE STANDARDS AND ADDITIONAL COSTS SHALL BE BILLED TO OWNER.</p>																						
<p>12. ALL CONDUITS SHALL BE INSTALLED IN STRAIGHT LINES, PERP TO 45 OR 90 DEGREES ANGLES. THE STRUCTURE OR ADJACENT BUILDING ELEMENTS, SEPARATIONS BETWEEN CONDUITS AND FASTENINGS OF CONDUITS SHALL BE NEAT AND CONSISTENT. CONDUIT SHALL BE INSTALLED AS TIGHT TO THE BOTTOM OF STRUCTURAL ELEMENTS WHEN PARALLEL TO JOISTS. CONDUIT SUPPORTS AND ADJUSTABLE BRACKETS SHALL BE ACCOMPLISHED IN AN AESTHETIC AND WORKMANLIKE MANNER. NO CONDUITS SHALL BE ALLOWED TO RUN PERPENDICULAR TO THE BOTTOM CHORD OF THE JOISTS.</p> <p>13. DIVISION 02 SHALL VISIT SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. FIELD VERIFY ALL ELECTRICAL EQUIPMENT.</p> <p>14. BIDDERS SHALL EXAMINE THE SITE AND THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. THEY SHALL BECOME FULLY FAMILIAR WITH THE TYPE OF GENERAL CONTRACTOR AS WELL AS ALL PERSONAL FACTS AFFECTING THE COST OF THE PROJECT. CONTRACTORS SHALL NOT BE HELD RESPONSIBLE FOR PERSONAL FACTS OUTSIDE OF THE WORK FOR WHICH THEY ARE CONTRACTING.</p> <p>15. ELECTRICAL CONTRACTOR SHALL COORDINATE PROJECT PHASING WITH GENERAL CONTRACTOR AND BID AND PERFORM RESPONSIBILITIES FOR THIS PROJECT TO GENERAL CONTRACTOR EXPECTATIONS.</p> <p>16. COORDINATE ELECTRICAL DEMOLITION WITH ARCHITECTURAL DRAWINGS AND GENERAL CONTRACTOR.</p> <p>17. CLOSELY COORDINATE ANY REQUIRED POWER SHUTDOWNS WITH HEAD CUSTODIAN AND OWNER.</p> <p>18. WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OF INSTALLATION OR NATURE OF WORK REQUIRED, THE CONTRACTOR WILL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION OF THE OWNER.</p> <p>19. SEQUENCE, COORDINATE, AND COORDINATE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT FOR THE GIVE PRIORITY TO THE GIVE PRIORITY TO THE GIVE PRIORITY TO LARGE EQUIPMENT REQUIRING POSITIONING PRIOR TO CLOSING IN THE BUILDING. COORDINATE THE CUTTING AND PATCHING OF BUILDING COMPONENTS TO ACCOMMODATE INSTALLATION OF ELECTRICAL EQUIPMENT AND MATERIALS.</p> <p>20. DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC. WITH ELECTRICAL CONDUITS, BOXES, TRENCHES, ETC. UNLESS APPROVED BY THE ARCHITECT FOR PROPER COMPLETION OF THE WORK.</p> <p>21. CONTRACTOR MUST CONCEAL ALL RACEWAY THROUGHOUT THE PROJECT. SURFACE MOUNT RACEWAY IS UNACCEPTABLE EXCEPT WHERE THE USE OF PUNCHED SURFACE METAL RACEWAYS (EMT) IS APPROVED SOLELY BY THE ARCHITECT. PAINT TO MATCH SURROUNDING SURFACE.</p> <p>22. ALL CONCRETE CUT AND PATCH WORK REQUIRED FOR FLOOR BOXES INSTALLATION AND/OR RELOCATION OF ELECTRICAL DEVICES AND PANELS THAT REQUIRE WORK WITHIN THE FLOORS SHALL BE DONE BY ELECTRICAL CONTRACTOR. ALL CORE CUTTING FOR NEW SERVICE BOXES SHALL BE DONE UNDER CONTRACTOR'S SUPERVISION AND SUPERVISED BY ELECTRICAL CONTRACTOR.</p> <p>23. ALL CONCRETE CUT AND PATCH WORK REQUIRED FOR FLOOR BOXES INSTALLATION AND/OR RELOCATION OF ELECTRICAL DEVICES AND PANELS THAT REQUIRE WORK WITHIN THE FLOORS SHALL BE DONE BY ELECTRICAL CONTRACTOR. ALL CORE CUTTING FOR NEW SERVICE BOXES SHALL BE DONE UNDER CONTRACTOR'S SUPERVISION AND SUPERVISED BY ELECTRICAL CONTRACTOR.</p> <p>24. CONTRACTOR SHALL ATTEMPT TO USE THE EXISTING PLATES OF ALL BOXES, PULL BOXES, ETC. IDENTIFICATION PLATES ON ALL EQUIPMENT.</p> <p>25. IT IS THE INTENT THAT THE FOREGOING WORK SHALL BE COMPLETE IN EVERY RESPECT AND THAT THE CONTRACTOR NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT NECESSARY TO FULLY COMPLETE THE WORK SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR.</p> <p>26. PROVIDE GFI CIRCUIT BREAKERS SERVING RECEPTACLES PROVIDING POWER TO DRINKING FOUNTAINS, REFRIGERATORS, VENDING MACHINES, DISPENSERS, AND WASHING MACHINES.</p> <p>27. CAREFULLY REVIEW THE ENTIRE DRAWING PACKAGE PRIOR TO PROVIDING BID, INCLUDING THE ARCHITECTURAL AND MECHANICAL DRAWINGS. NOT REVIEWING THE ENTIRE SET IS NOT ACCEPTABLE.</p> <p>28. PROVIDE CONDUIT FROM DEVICE TO DEVICE IN OPEN AND/OR EXPOSED CEILINGS. CEILINGS WITH CLOUDS ARE CONSIDERED OPEN/EXPOSED CEILING. NO EXPOSED CABLES SHALL BE SEEN FROM BELOW.</p> <p>29. PROVIDE WEATHERPROOF, NEMA 3R RATED EQUIPMENT FOR ALL EXTERIOR APPLICATIONS.</p>																						

ELECTRICAL ABBREVIATIONS INDEX	
ABBREV.	DESCRIPTION
A	AMPS
AC	ALTERNATING CURRENT
ACLG	ABOVE CEILING
ACLG	ABOVE CEILING, GROUND
ACLG	ABOVE CEILING, GROUND, GND
AF	ARC FAULT CIRCUIT
AFI	ARC FAULT CIRCUIT INTERRUPTER
AFI A.F.F.	ARC FAULT CIRCUIT INTERRUPTER, ALARM, FAULT INDICATION
AG	AMBIENT
AM	AMPERE
AMPL	AMPLIFIER
AN	ANNUNCIATOR
AN/	AMBIENT/ETHERNET
ANSTAT	AQUASTAT
ARCH	ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIM
AUT	AUTOMATIC
B	BASIC
B&G	BASIC FINISHED GRADE
BA	BAR
BAH	BAR HANGLING UNIT
BAI	BAR INTERRUPTING CAPACITY
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MECHANICAL EQUIPMENT SCHEDULE

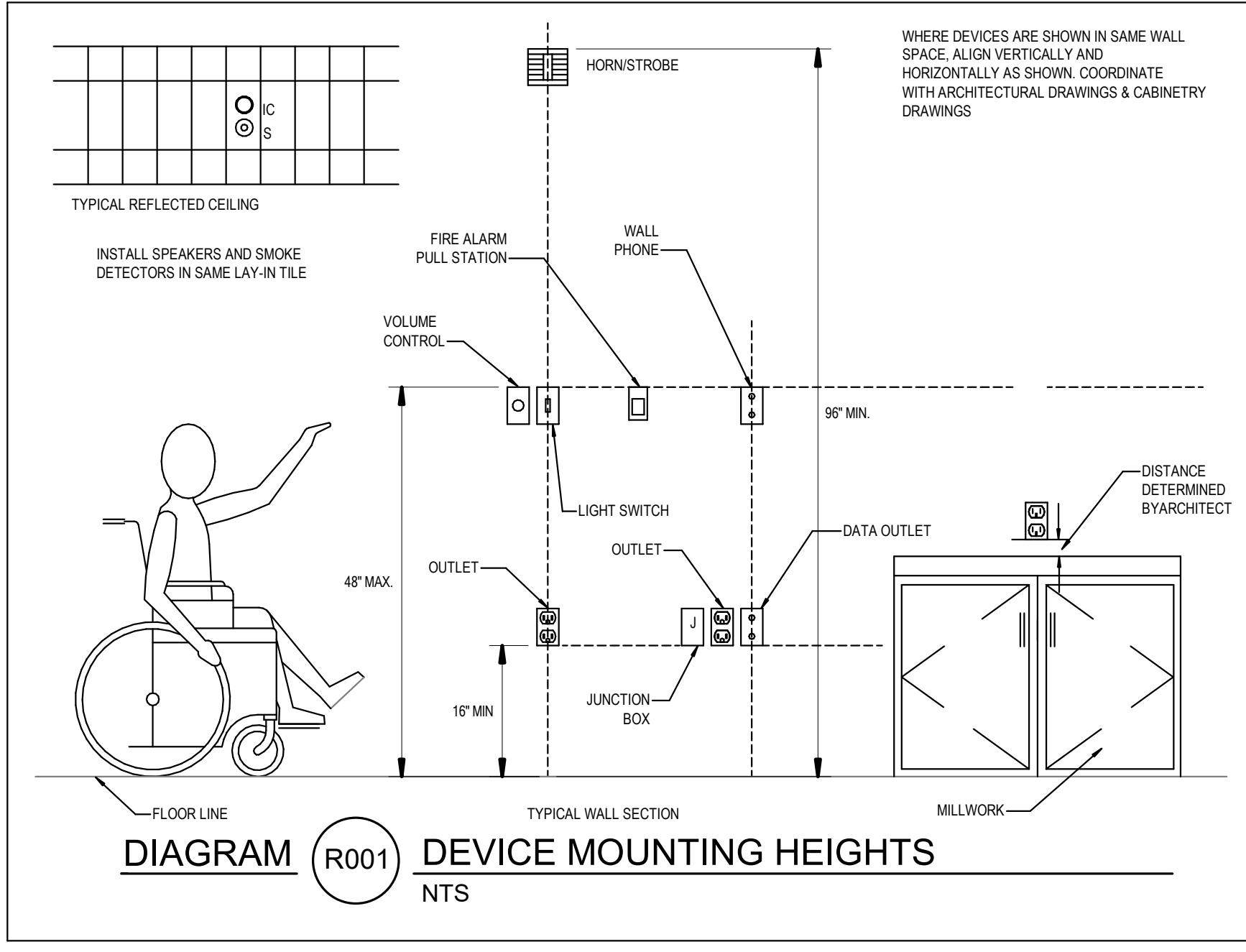
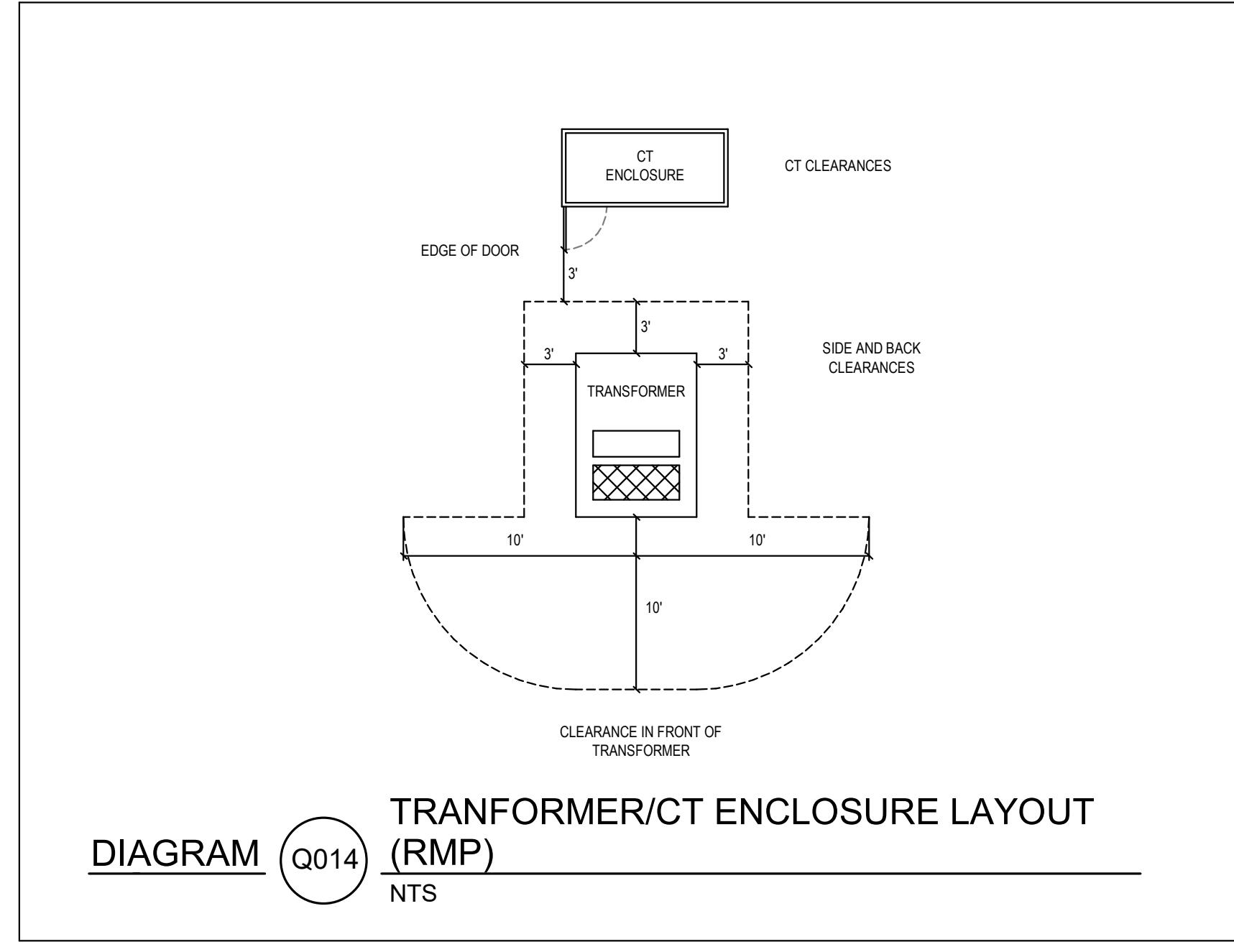
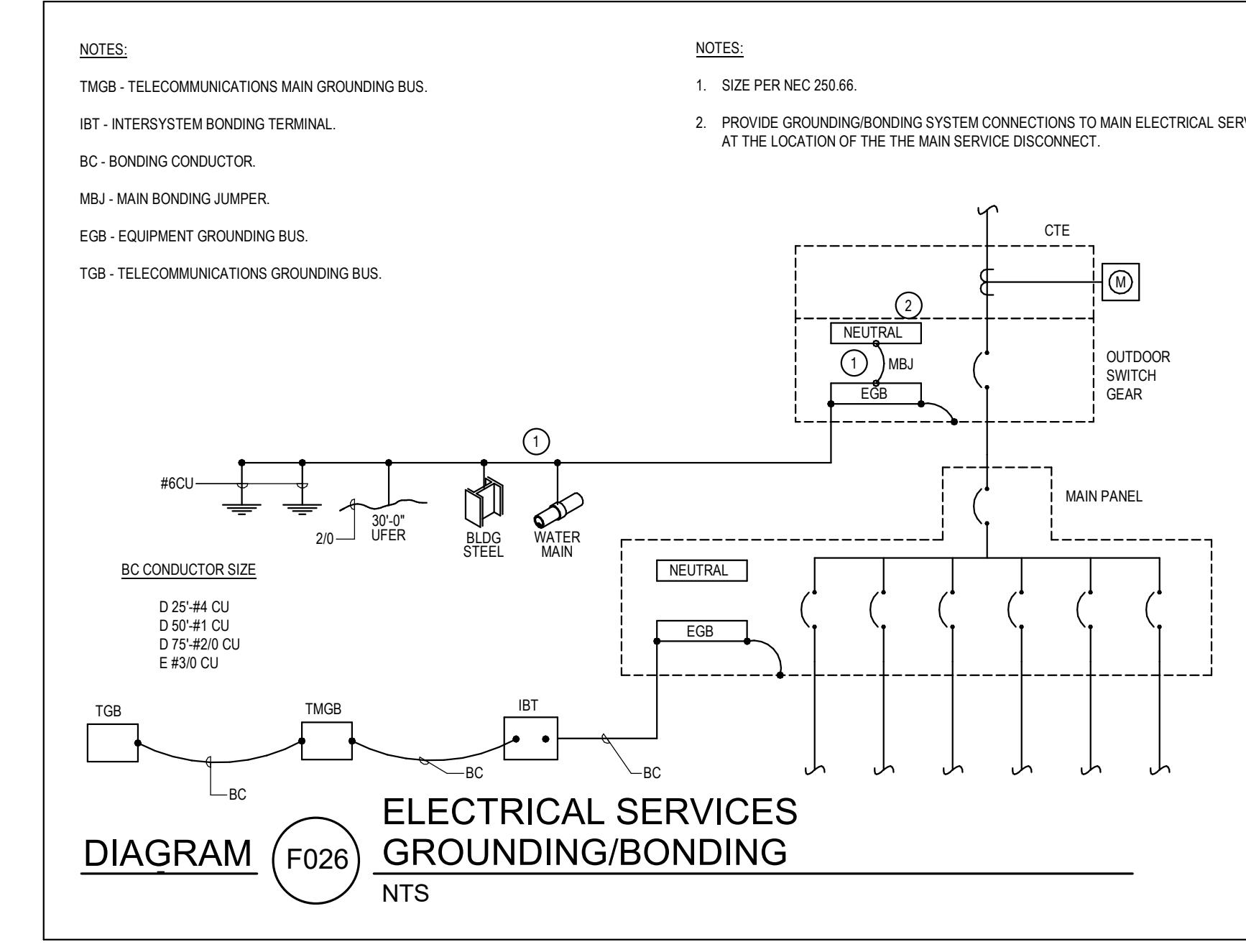
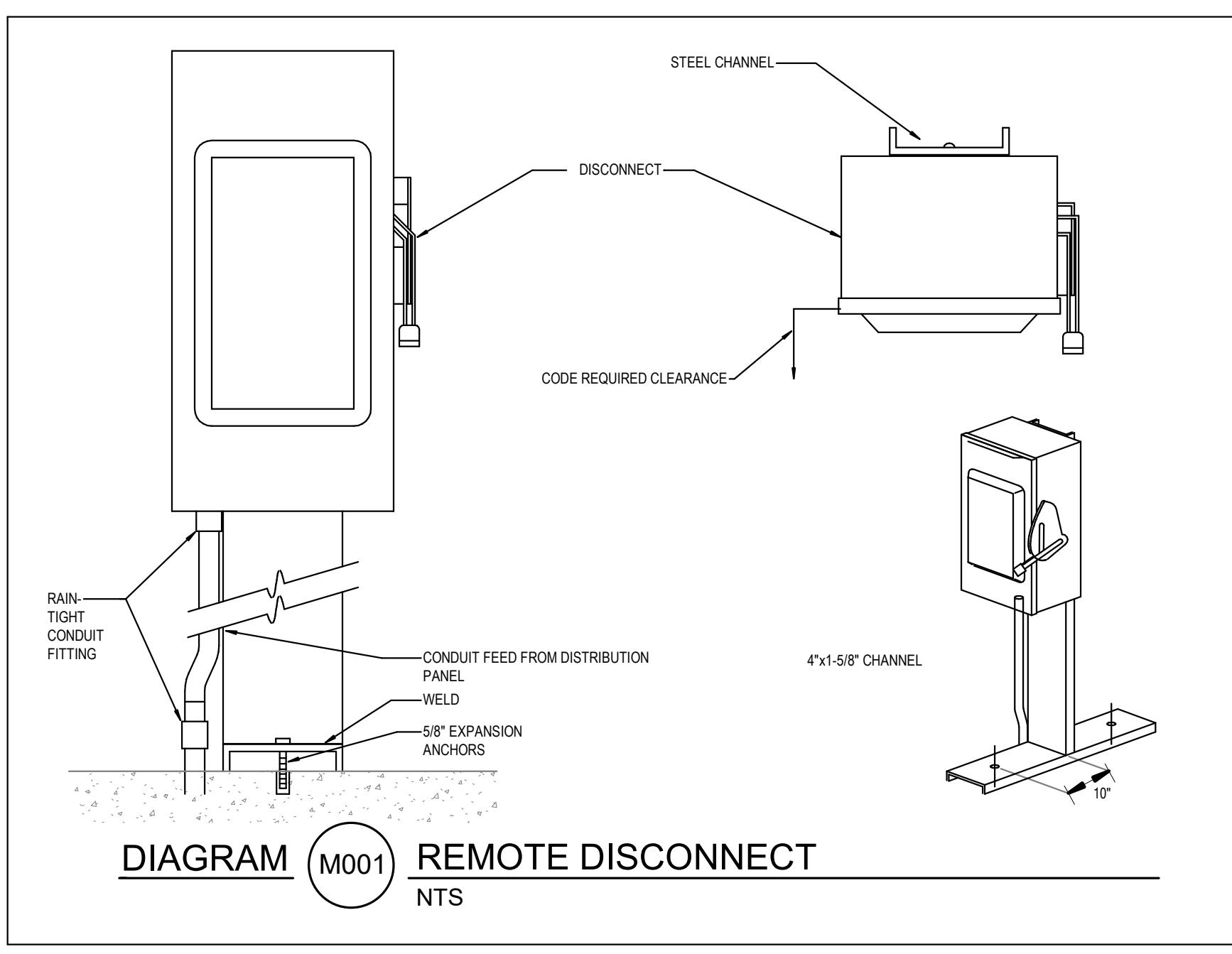
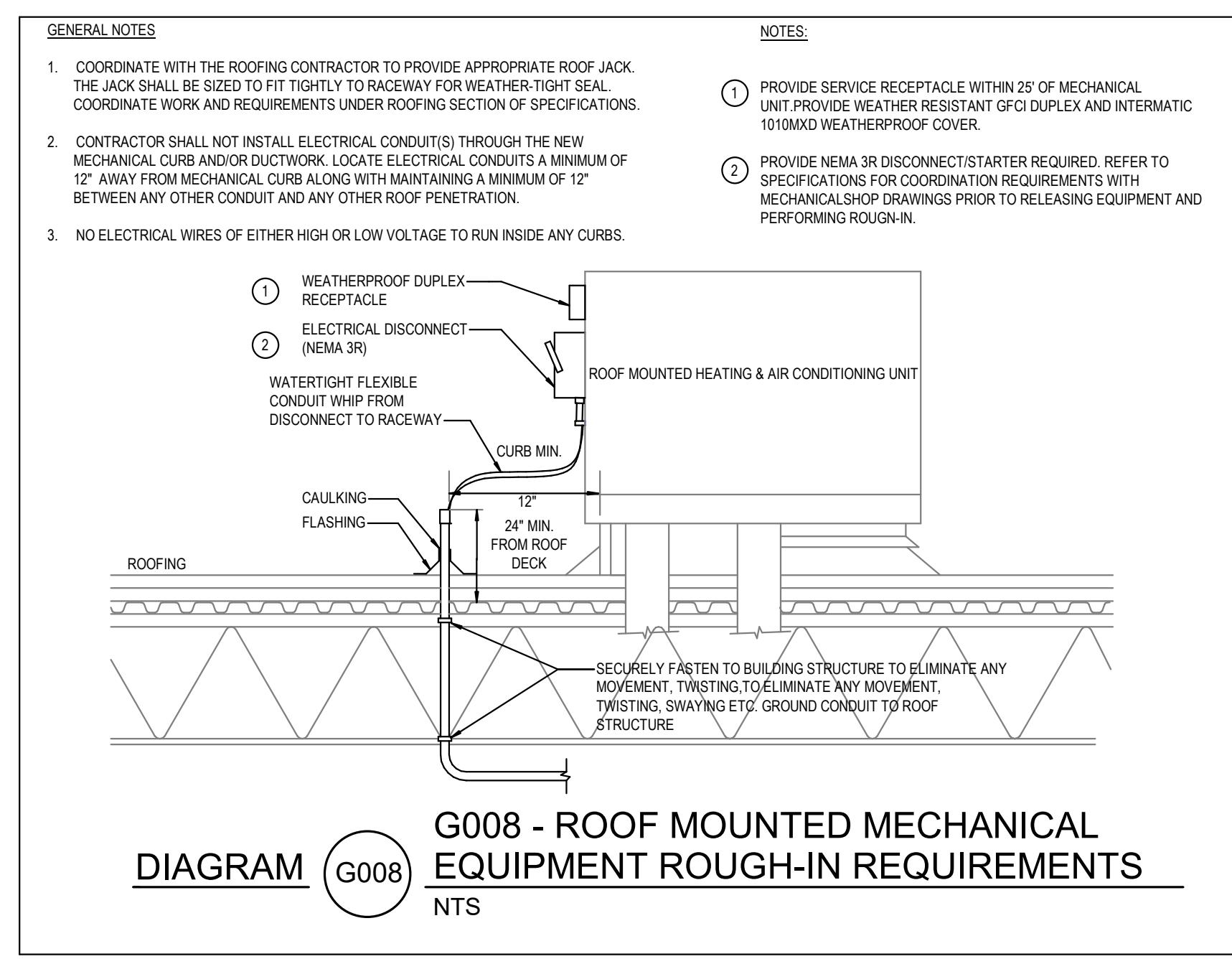
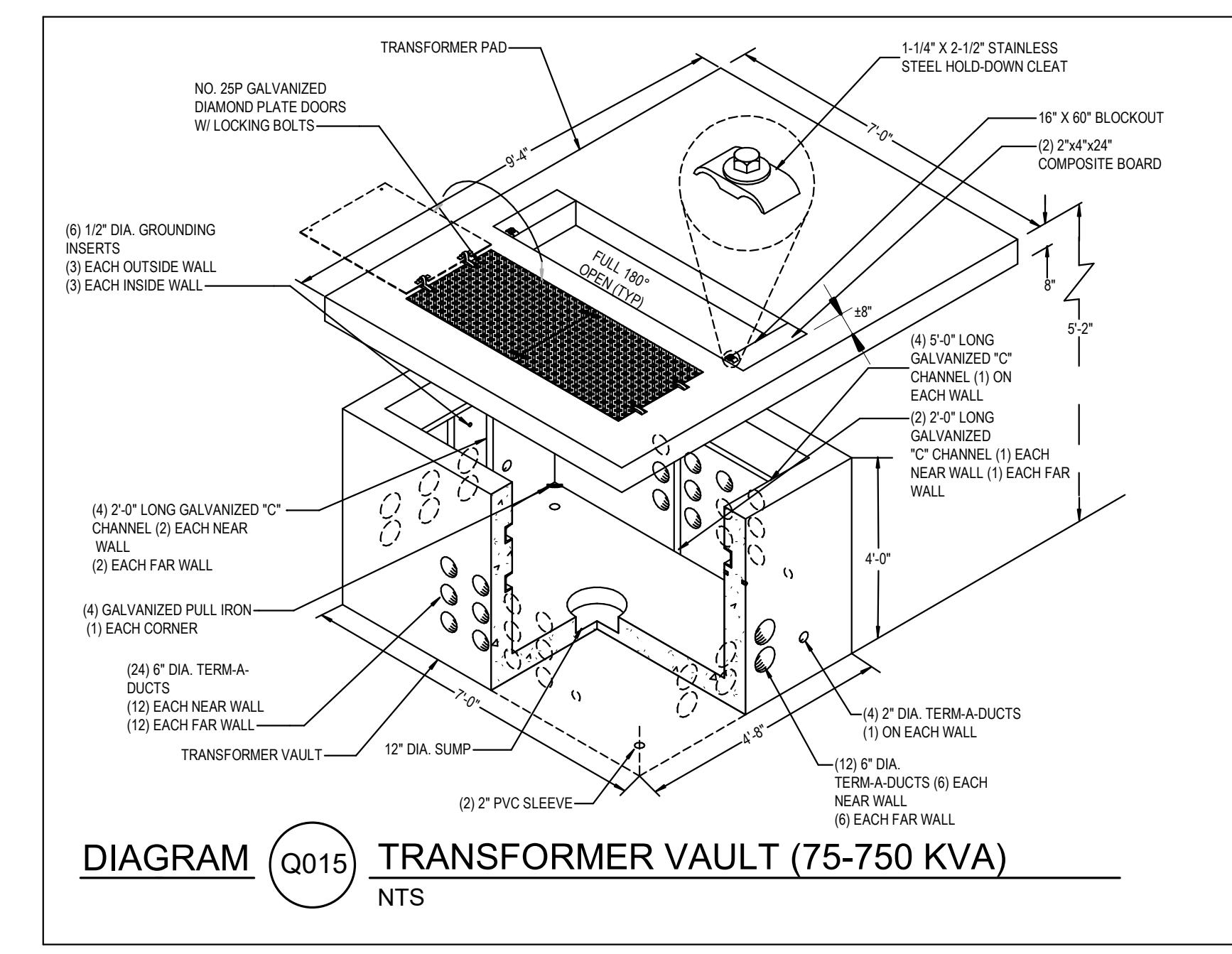
NOTES:
 1. N-FUSED DISCONNECT SWITCH
 2. FUSED DISCONNECT SWITCH
 3. BREAKER IN ENCLOSURE
 4. MANUAL STARTER WITH THERMAL OVERLOAD
 5. MAGNETIC STARTER
 6. MAGNETIC STARTER/N-FUSED DISCONNECT COMBINATION
 7. MAGNETIC STARTER/FUSED DISCONNECT COMBINATION
 8. MAGNETIC STARTER/ROTARY COMBINATION
 9. VARIABLE FREQUENCY DRIVE
 10. REDUCED VOLTAGE STARTER
 11. DIRECT CONNECTION
 12. RECEPTACLE/SPECIAL PURPOSE OUTLET/ETC.
 13. TWO-SPEED STARTER, COORDINATE WITH MOTOR TYPE
 14. SOLID STATE SOFT-STARTER

A FURNISHED, INSTALLED AND CONNECTED UNDER DIVISION 20(16)
 B FURNISHED AND INSTALLED UNDER ANOTHER DIVISION, REQUIRED CONNECTION UNDER DIVISION 26(16)
 C FURNISHED UNDER ANOTHER DIVISION BUT INSTALLED AND CONNECTED UNDER...
 D FURNISHED, INSTALLED AND CONNECTED UNDER ANOTHER DIVISION

CB = CIRCUIT BREAKER
 CKW = CHILLER KILOWATTS

NOTE 1: PER 250-22(A), EQUIPMENT GROUND IS NOT REQUIRED TO BE LARGER THAN THE PHASE CONDUCTOR
 NOTE 2: OVERCURRENT PROTECTION DEVICE (OCPD) SHOWN IS LOCATED AT POWER PANEL. ALL FUSING TO BE SIZED IN ACCORDANCE WITH FUSE MFR RECOMMENDATION FOR MOTOR NAME PLATE RATING.
 NOTE 3: ALL EQUIPMENT TO BE RATED FOR THE ENVIRONMENT FOR WHICH IT IS INSTALLED.

TYPE ID	INSTANCE ID	DESCRIPTION	ELECTRICAL			LOAD INFORMATION			OCPD	CIRCUIT INFORMATION						STARTER	CONTROL			NOTES					
			VOLTAGE	PHASE	MOTOR POWER	APPARENT POWER	REAL POWER	FLA		NEUTRAL CONDUCTOR	GROUND CONDUCTOR	CONDUIT SIZE	TYPE	FURNISH	INSTALL	TYPE	FURNISH	INSTALL	TYPE	FURNISH	INSTALL				
AUH -	1	AIR COOLED OUTDOOR UNIT	208 V	1	0.00 hp	2.5 kVA	2.2 kW	12 A	15 A	No	(Motor) Inverse Time Breaker	20 A	1	2	12	7A	EC	EC	MC	MC	7A	EC	EC		
CUH -	1	CABINET UNIT HEATER	208 V	3	0.00 hp	6.5 kVA	5.8 kW	18 A	22.5 A	No	(Motor) Inverse Time Breaker	20 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
CUH -	2	CABINET UNIT HEATER	208 V	3	0.00 hp	8.5 kVA	8.0 kW	18 A	22.5 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
EUH -	1	ELECTRIC UNIT HEATER	208 V	3	0.00 hp	5.5 kVA	5.1 kW	15.5 A	18 A	No	(Motor) Inverse Time Breaker	20 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
EUH -	2	ELECTRIC UNIT HEATER	208 V	3	0.00 hp	5.8 kVA	5.3 kW	16.2 A	18.2 A	No	(Motor) Inverse Time Breaker	25 A	1	3	12	Cu	3/4"	4A	EC	EC	MC	MC	4A	EC	EC
EF -	1	EXHAUST FAN	120 V	1	0.25 hp	0.7 kVA	0.6 kW	5.8 A	7.3 A	No	(Motor) Inverse Time Breaker	15 A	1	1	12	Cu	3/4"	4A	EC	EC	MC	MC	4A	EC	EC
EF -	2	EXHAUST FAN	120 V	1	0.25 hp	0.7 kVA	0.6 kW	5.8 A	7.3 A	No	(Motor) Inverse Time Breaker	15 A	1	1	12	Cu	3/4"	4A	EC	EC	MC	MC	4A	EC	EC
MAU -	1	MAKE-UP AIR UNIT	208 V	3	0.00 hp	6.3 kVA	7.8 kW	24.2 A	27.8 A	No	(Motor) Inverse Time Breaker	40 A	1	3	10	Cu	3/4"	7A	EC	EC	MC	MC	7A	EC	EC
RT -	1	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	2	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	3	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	4	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	5	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	6	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	7	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	8	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	9	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	10	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	11	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	12	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	13	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	14	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	15	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	30 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	16	ROOF TOP UNIT	208 V	3	0.00 hp	6.3 kVA	5.7 kW	17.6 A	22 A	No	(Motor) Inverse Time Breaker	35 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	17	ROOF TOP UNIT	208 V	3	0.00 hp	7.5 kVA	6.7 kW	26.8 A	26 A	No	(Motor) Inverse Time Breaker	35 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	18	ROOF TOP UNIT	208 V	3	0.00 hp	8.9 kVA	8.0 kW	24.8 A	31 A	No	(Motor) Inverse Time Breaker	40 A	1	3	8	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	19	ROOF TOP UNIT	208 V	3	0.00 hp	7.5 kVA	6.7 kW	26.8 A	26 A	No	(Motor) Inverse Time Breaker	35 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	20	ROOF TOP UNIT	208 V	3	0.00 hp	7.5 kVA	6.7 kW	26.8 A	26 A	No	(Motor) Inverse Time Breaker	35 A	1	3	10	Cu	3/4"	2A	EC	EC	MC	MC	2A	EC	EC
RT -	21	ROOF TOP UNIT</																							





MAIN FLOOR POWER PLAN AREA A

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

 MAIN FLOOR FLOOR PLAN AREA
SCALE = 1/8" = 1'-0"



WEB GENERAL SHEET NOTES

ORDINATE PLACEMENT OF ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. DEVICES ARE SHOWN IN SAME WALL SPACE, ALIGN VERTICALLY AND HORIZONTALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS, ATHLETIC SAFETY WALL PADDING AND METRY DRAWINGS.

THE LOW VOLTAGE WIRE/CABLE FOR LIGHTING SENSORS, AUDIO/VISUAL EQUIPMENT, AND AMPLIFICATION, ETC. TO BE ROUTED THROUGH CONDUIT IN EXPOSED AND CLOUDED AREAS.

LOW VOLTAGE WIRE/CABLE FOR LIGHTING SENSORS, AUDIO/VISUAL EQUIPMENT, STROOM SOUND AMPLIFICATION, ETC. TO BE PROPERLY SUPPORTED PER THE TELE/DATA . AND AT 5'-0" INTERVALS AND TO FOLLOW BUILDING STRUCTURAL LINES. PULLING WIRE ONALLY ACROSS ROOMS IS NOT ALLOWED. USING CEILING SYSTEM OR LIGHT FIXTURE ORT/SEISMIC WIRES FOR SUPPORT IS NOT ALLOWED.

IDE GFCI PROTECTION ON ALL DEVICES AND EQUIPMENT PER THE NEC REQUIREMENTS. CES SHALL BE READILY ACCESSIBLE. IF ANY OUTLET IS INSTALLED WITHIN 6 FEET OF IDE EDGE OF SINK, CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE PER NEC, HTER SHOWN OR NOT.

ECEPTACLES LOCATED THROUGHOUT THE BUILDING SHALL BE TAMPER RESISTANT PER 06.12.

TRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS MECHANICAL CONTRACTOR. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE CATED UNLESS NOTED OTHERWISE.

AV POWER, PROVIDE A DEDICATED 120V/20A CIRCUIT FROM A PANEL LOCATED IN THE TRICAL ROOM OF THE ASSOCIATED QUADRANT. COORDINATE EXACT LOCATION OF ALL BOXES WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

IDE 120V CIRCUIT FROM NEAREST PROVIDED CIRCUIT FOR FIRE/SMOKE DAMPER S. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRE/SMOKE ERS SHOWN ON DIVISION 23 DRAWINGS. ALL FIRE/SMOKE DAMPERS SHALL HAVE A AL OVERRIDE SWITCH. PROVIDE DUCT DETECTOR WITHIN 5 FEET OF EACH FIRE/SMOKE ER.

RACTOR TO COORDINATE ALL LOCATIONS OF FIRE/SMOKE AND SMOKE DAMPERS WITH ANICAL CONTRACTOR. CONTRACTOR TO PROVIDE POWER, MONITOR MODULES, AND YS AS REQUIRED FOR A COMPLETE SYSTEM.

ON-26 IS RESPONSIBLE TO PROVIDE CONDUIT AND ROUGH-IN FOR ALL THERMOSTAT ROLS LOCATED WITHIN WALLS. COORDINATE WITH THE CONTROLS CONTRACTOR AND Y EXACT LOCATION OF ALL THERMOSTATS.

KEYNOTES

VIDE (1) CAT6 DROP TO NEAREST DATA ROOM/RACK. CONTRACTOR IS RESPONSIBLE FOR
D VERIFYING ROUTING AND DATA ROOM/RACK LOCATION.

STING UNIT VENTILATOR AND EVAPORATIVE UNITS TO BE ABANDONED. DIV. 26 TO
CONNECT EXISTING UNIT. DIV. 26 TO REMOVE CONDUCTORS BACK TO SOURCE AND RELABEL
AKER AS SPARE. CIRCUIT NUMBER BASED ON EXISTING DRAWINGS AND TO BE FIELD
IFIED.

26 TO DISCONNECT EXISTING UNIT HEATER. REMOVE CONDUCTORS COMPLETELY BACK TO
URCE AND RELABEL AS SPARE.

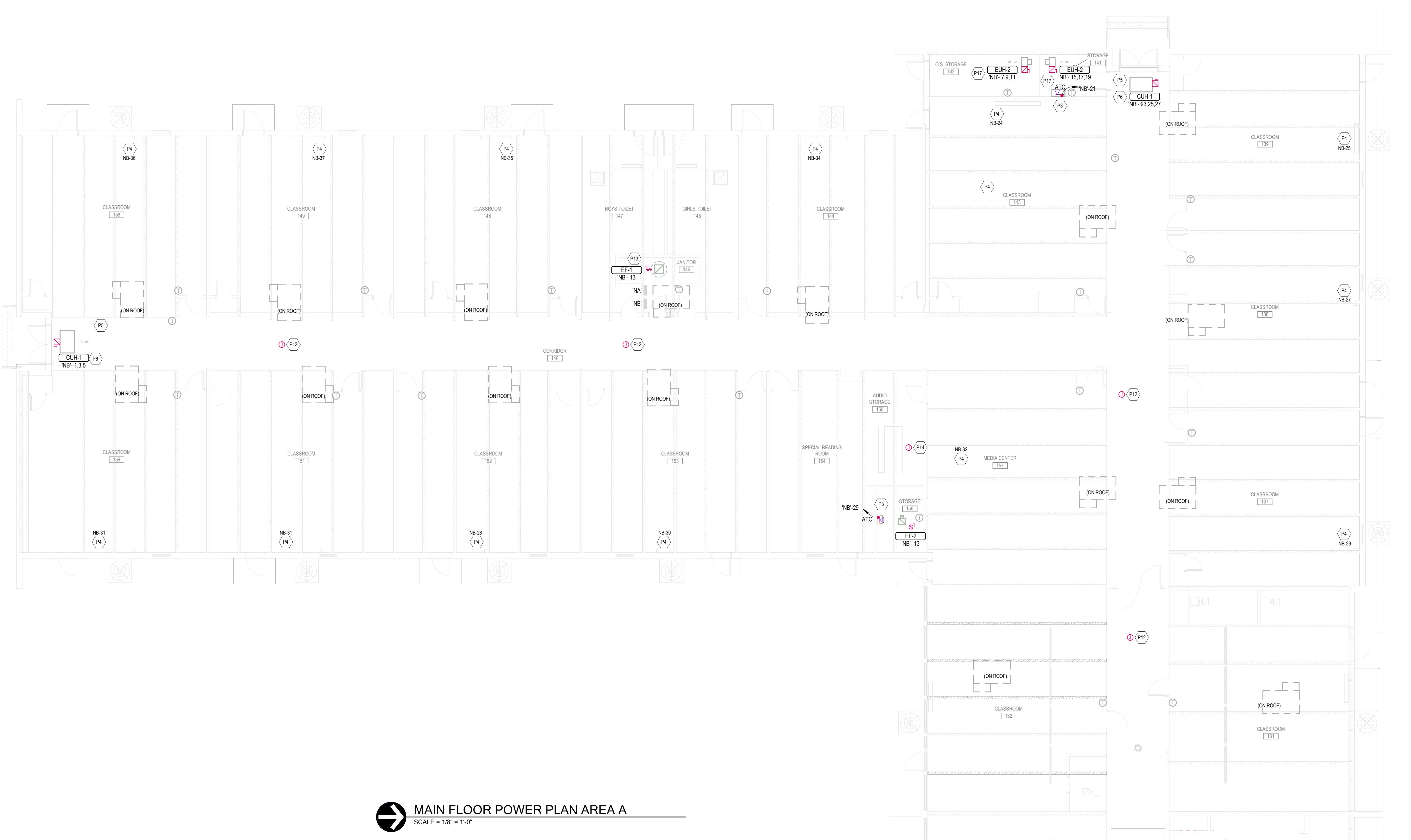
CUT NUMBER SHOWED FOR REFERENCE ONLY, UTILIZE CIRCUIT BREAKERS FREED DURING
OLITION/DISCONNECTING OF EXISTING UNIT VENTILATORS, UNIT HEATERS, AND
PORATIVE COOLERS. PROVIDE NEW 30A 3P BREAKER WITHIN PANELBOARD.

STING RELIEF FAN TO BE DEMOLISHED. DIV. 26 SHALL DISCONNECT AND REMOVE
DUCTORS BACK TO SOURCE. RELABEL BREAKER AS SPARE.

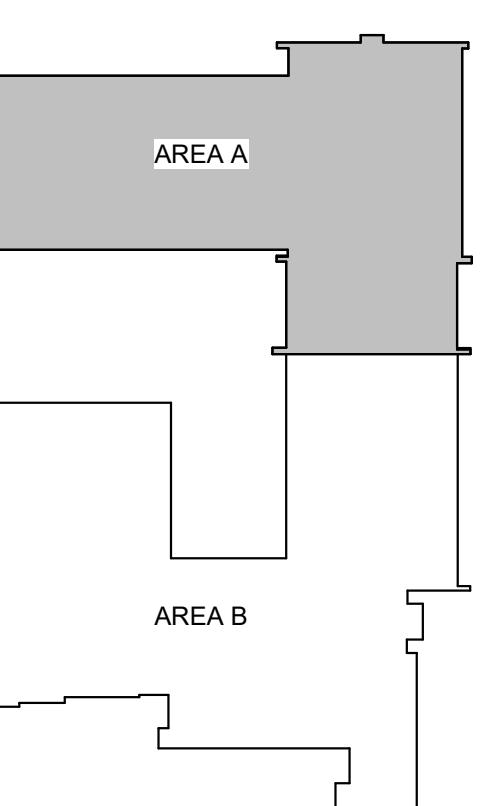
W EXHAUST FAN TO REPLACE EXISTING. PROVIDE NEW CIRCUIT AS INDICATED. DISCONNECT
TING UNIT AND REMOVE EXISTING CONDUCTORS BACK TO SOURCE.

STING FAN COIL TO BE ABANDONED. DIV. 26 SHALL DISCONNECT AND REMOVE CONDUCTORS
K TO SOURCE. RELABEL BREAKER AS SPARE.

CUT NUMBER SHOWED FOR REFERENCE ONLY, UTILIZE CIRCUIT BREAKERS FREED DURING
OLITION/DISCONNECTING OF EXISTING UNIT VENTILATORS, UNIT HEATERS, AND
PORATIVE COOLERS. PROVIDE NEW 25A 3P BREAKER WITHIN PANELBOARD.



KEYPLAN

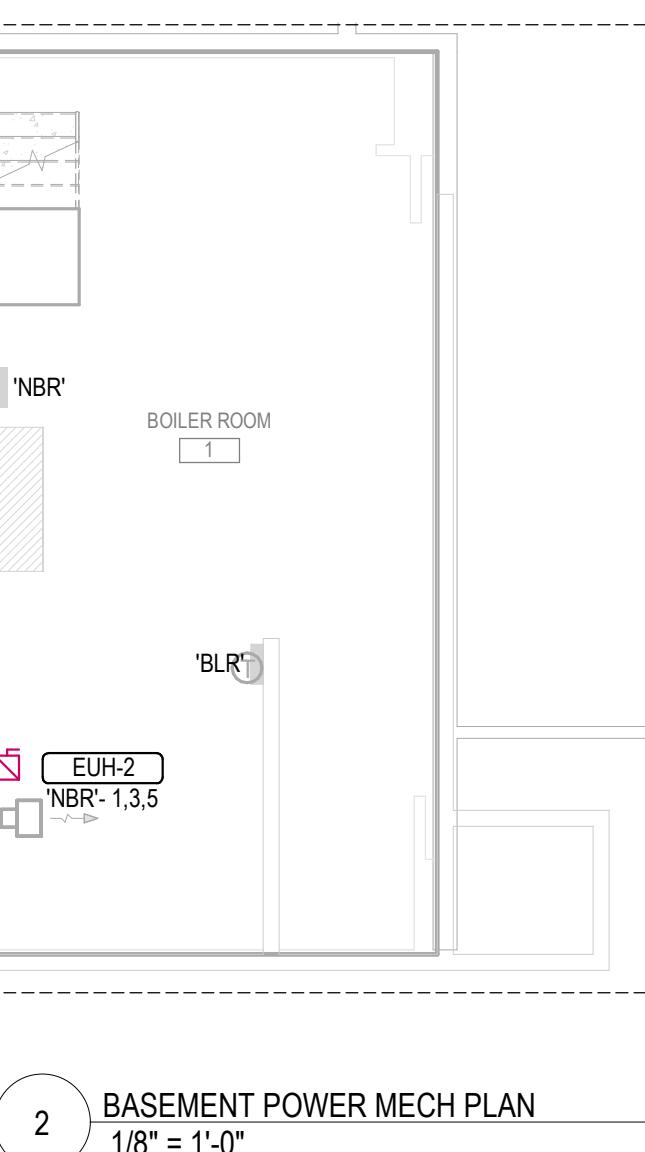
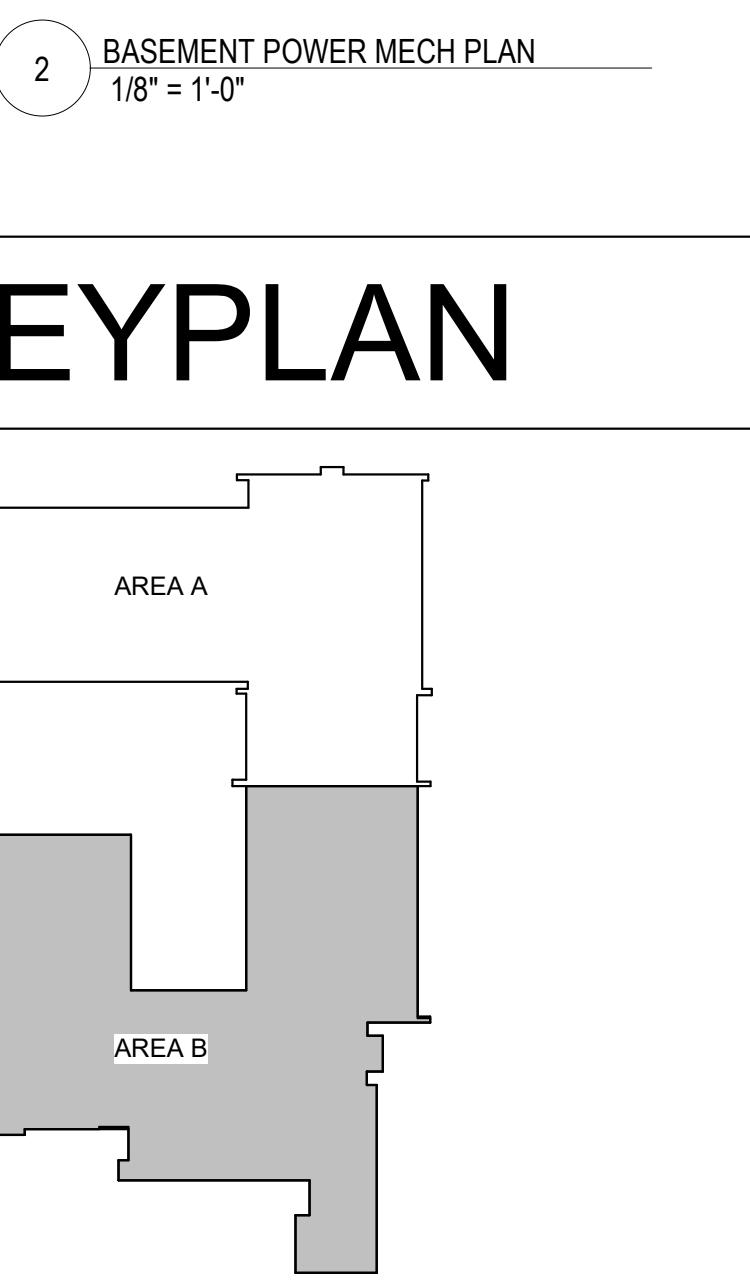
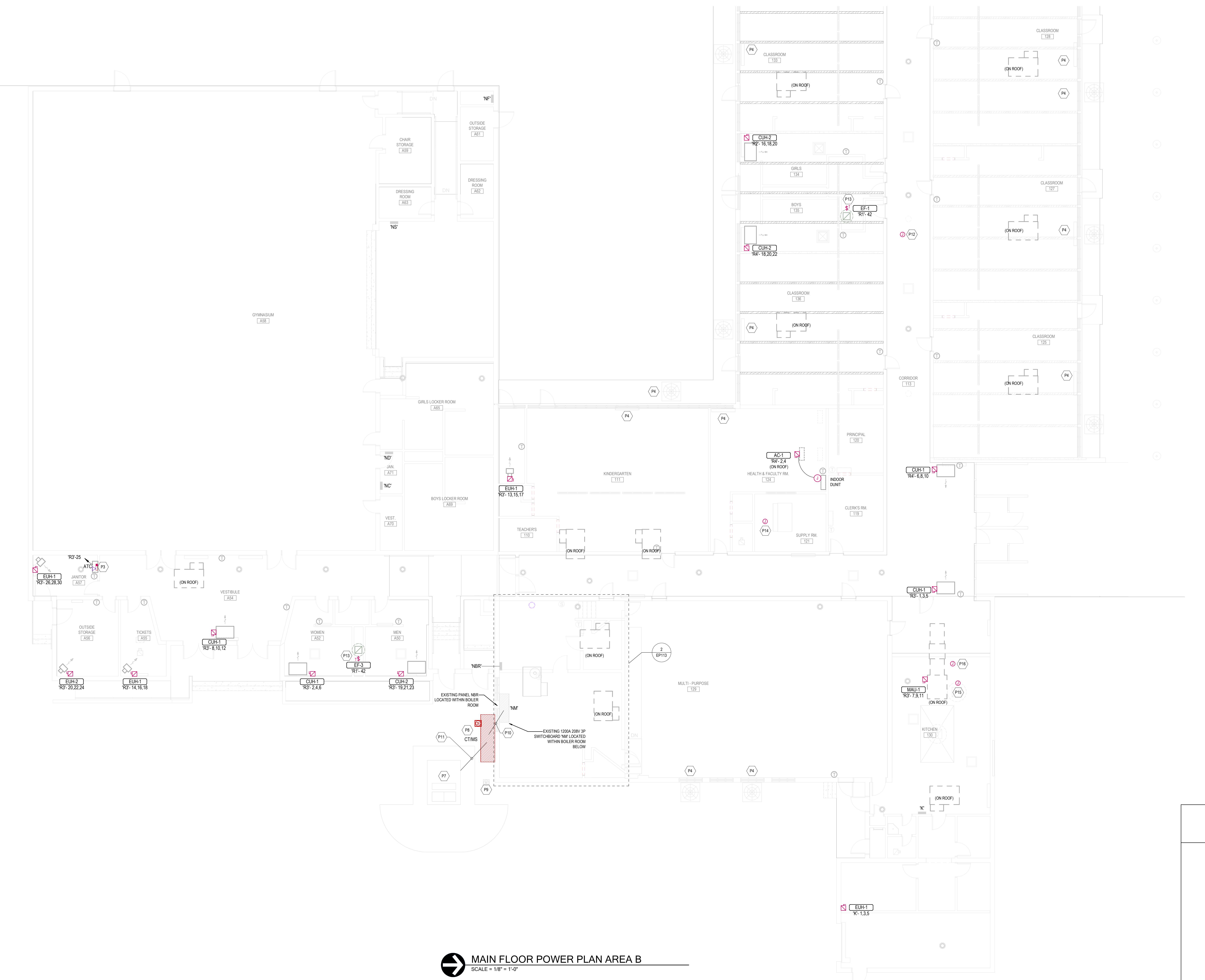


MERRY SCHOOL DISTRICT
ON ELEMENTARY SCHOOL
MECHANICAL UPGRADE

PROJECT TITLE

DRAWN BY: MK
CHECKED BY: ES
DATE: JAN. 2026
PROJECT #: 176525

EP112



POWER GENERAL SHEET NOTES

- COORDINATE PLACEMENT OF ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. WHERE DEVICES ARE SHOWN IN SAME WALL SPACE, ALIGN VERTICALLY AND HORIZONTALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- ALL THE LOW VOLTAGE WIRE/CABLE FOR LIGHTING SENSORS, AUDIOVISUAL EQUIPMENT, SPECIFICATION ETC. TO BE PROPERLY SUPPORTED PER THE TELEDATA SPEC. AND AT 9" O' INTERVALS AND TO FOLLOW BUILDING STRUCTURAL LINES. PULLING WIRE DIAGONALLY ACROSS ROOF IS NOT ALLOWED. USING CEILING SYSTEM OR LIGHT FIXTURE SUPPORTS FOR LOW VOLTAGE WIRE/CABLE.
- ALL LOW VOLTAGE WIRE/CABLE FOR LIGHTING SENSORS, AUDIOVISUAL EQUIPMENT, CLASSROOM SOUND AMPLIFICATION, ETC. TO BE PROPERLY SUPPORTED PER THE TELEDATA SPEC. AND AT 9" O' INTERVALS AND TO FOLLOW BUILDING STRUCTURAL LINES. PULLING WIRE DIAGONALLY ACROSS ROOF IS NOT ALLOWED. USING CEILING SYSTEM OR LIGHT FIXTURE SUPPORTS FOR LOW VOLTAGE WIRE/CABLE.
- PROVIDE GFI PROTECTION ON ALL DEVICES AND EQUIPMENT PER THE NEC REQUIREMENTS. DEVICES SHALL BE READILY ACCESSIBLE. IF ANY OUTLET IS INSTALLED WITHIN 6 FEET OF OUTSIDE EDGE OF SINK, CONTRACTOR SHALL PROVIDE GFI RECEPTACLE PER NEC. WHETHER SHOWN OR NOT.
- ALL RECEPTACLES LOCATED THROUGHOUT THE BUILDING SHALL BE TAMPER RESISTANT PER NEC-408.12.
- ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
- FOR VAV POWER, PROVIDE A DEDICATED DEVICE CIRCUIT FROM A PANEL LOCATED IN THE MECHANICAL CONTRACTOR'S ROOM OF THE DEDICATED QUADRANT. COORDINATE EXACT LOCATION OF ALL VAV BOXES WITH MECHANICAL CONTRACTOR.
- PROVIDE 120V CIRCUIT FROM NEAREST PROVIDED CIRCUIT FOR FIRESMOKE DAMPER RELAYS. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRESMOKE DAMPERS SHOWN ON DIVISION 23 DRAWINGS. ALL FIRESMOKE DAMPERS SHALL HAVE A MANUAL OVERRIDE SWITCH. PROVIDE DUCT DETECTOR WITHIN 5 FEET OF EACH FIRESMOKE DAMPER.
- CONTRACTOR TO COORDINATE ALL LOCATIONS OF FIRESMOKE AND SMOKE DAMPERS WITH MECHANICAL CONTRACTOR. CONTRACTOR TO PROVIDE POWER, MONITOR MODULES, AND RELAYS AS REQUIRED FOR A COMPLETE SYSTEM.
- DIVISION 26 IS RESPONSIBLE TO PROVIDE CONDUIT AND ROUGH-IN FOR ALL THERMOSTAT CONTROLS LOCATED WITHIN WALLS. COORDINATE WITH THE CONTROLS CONTRACTOR AND VERIFY EXACT LOCATION OF ALL THERMOSTATS.

KEYNOTES

P3 PROVIDE (1) CAT5 DROP TO NEAREST DATA ROOM/RACK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFY ROUTINE AND DATA ROOM/RACK LOCATION.

P4 EXISTING UNIT VENTILATOR AND EVAPORATIVE UNITS TO BE REMOVED. DIV. 26 TO LOCATE NEW CTMS WITH RMP METER. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. CTMS TO BE LOCATED AS SUCH AS TO INTERCEPT EXISTING FEEDER TO EXISTING MAIN SWITCH. CONTRACTOR TO REMOVE EXISTING FEEDER TO EXISTING MAIN SWITCH AND RELOCATE TO NEW CTMS. CONTRACTOR TO REMOVE EXISTING METER AND RELOCATE BREAKER AS SPARE. CIRCUIT NUMBER BASED ON EXISTING DRAWINGS AND TO BE FIELD VERIFIED.

P7 DETERMINE LOCATION OF EXISTING RMP TRANSFORMER. TO BE REPLACED.

P8 LOCATE NEW CTMS WITH RMP METER. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. CTMS TO BE LOCATED AS SUCH AS TO INTERCEPT EXISTING FEEDER TO EXISTING MAIN SWITCH. CONTRACTOR TO REMOVE EXISTING FEEDER TO EXISTING MAIN SWITCH AND RELOCATE TO NEW CTMS. CONTRACTOR TO REMOVE EXISTING METER AND RELOCATE BREAKER AS SPARE. CIRCUIT NUMBER BASED ON EXISTING DRAWINGS AND TO BE FIELD VERIFIED.

P9 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW CTMS AND RMP TRANSFORMER. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BY ROUGH-IN. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BY ROUGH-IN. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BY ROUGH-IN.

P10 CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BY ROUGH-IN. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BY ROUGH-IN.

P11 CONTRACTOR TO PROVIDE NEW CONDUIT AND CONDUCTORS FOR NEW CTMS AND RMP TRANSFORMER. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BY ROUGH-IN. CONTRACTOR TO REMOVE EXISTING CONDUIT AND CONDUCTORS BY ROUGH-IN.

P12 EXISTING RELIEF FAN TO BE DEMOLISHED. DIV. 26 SHALL DISCONNECT AND REMOVE CONDUCTORS FROM EXISTING RELIEF FAN. CONTRACTOR TO REMOVE EXISTING RELIEF FAN.

P13 EXISTING FAN COIL TO REPLACE EXISTING. PROVIDE NEW CIRCUIT AS INDICATED. DISCONNECT EXISTING UNIT AND REMOVE EXISTING CONDUCTORS BACK TO SOURCE.

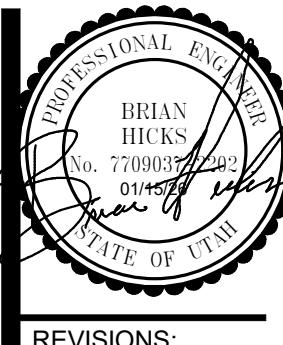
P14 EXISTING FAN COIL TO BE ABANDONED. DIV. 26 SHALL DISCONNECT AND REMOVE CONDUCTORS COMPLETELY BACK TO SOURCE. RELABEL BREAKER AS SPARE.

P15 EXISTING EVAP UNIT TO BE DEMOLISHED. DIV. 26 TO DISCONNECT AND REMOVE CONDUCTORS COMPLETELY BACK TO SOURCE. RELABEL BREAKER AS SPARE.

P16 INTERLOCK EXISTING EXHAUST FAN WITH NEW MAU.

PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
MECHANICAL UPGRADE
90 E 100 N
HUNTINGTON, UT 84528

KMA
ARCHITECTS

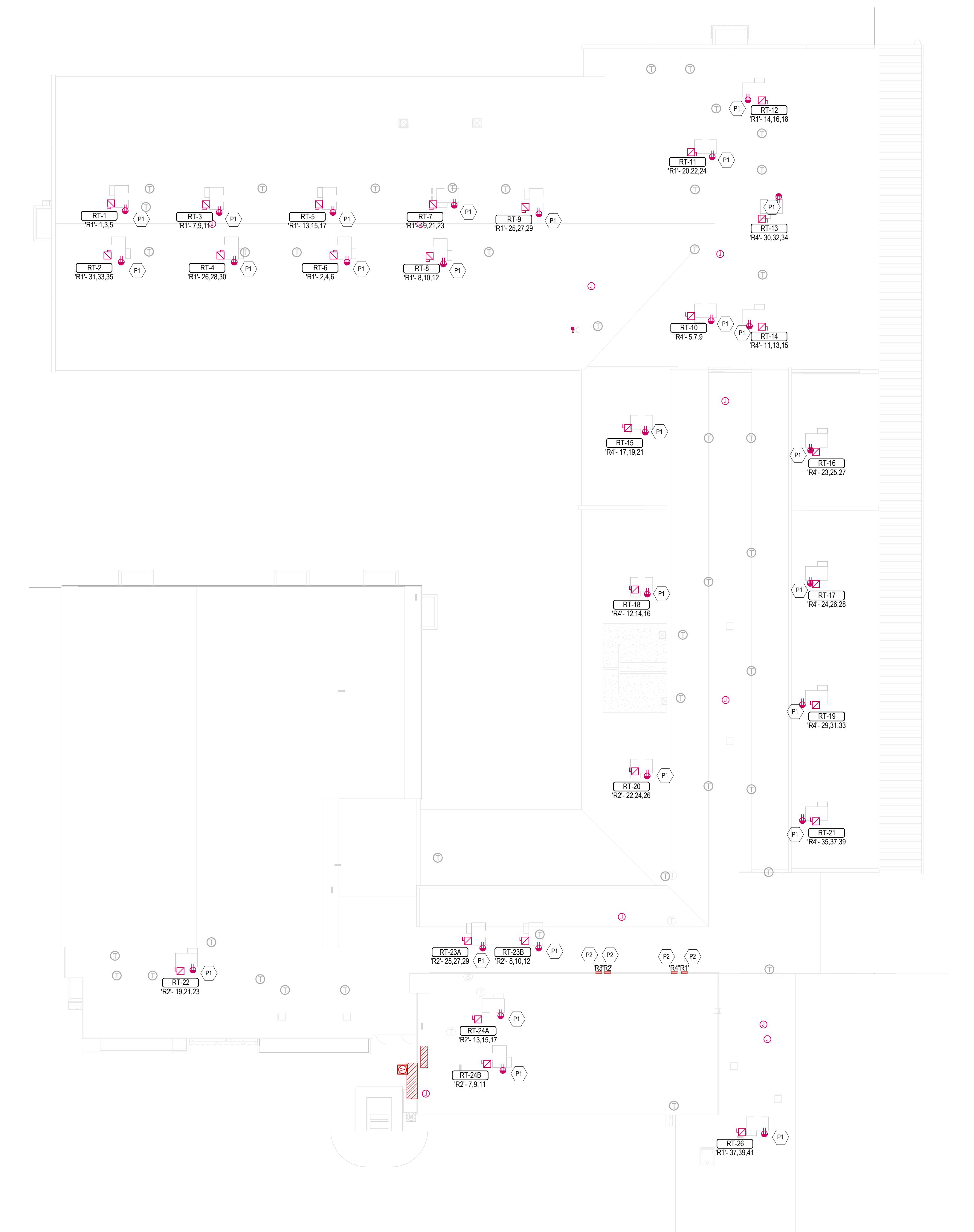


REVISIONS:

RESOLUT
All in Color. Rev. 001. Page 1 of 8
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info@resolut.com

170 NORTH MAIN STREET
SPANISH FORK, UTAH 84660
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EP113



KEYNOTES

P1 FACTORY PROVIDED OUTLET. CONTRACTOR TO EXTEND 120V POWER FROM NEAREST AVAILABLE CIRCUIT.
P2 OUTLET MOUNT PANELBOARD TO WALL SPACE. PROVIDE ADDITIONAL UNISTRUT BACKING FOR PORTION OF PANELBOARD NOT ABLE TO MOUNT TO LOW ADJACENT WALL. EQUIPMENT IS EXPOSED TO HIGH WINDS. ENSURE ALL ELECTRICAL EQUIPMENT ON THE ROOF IS WELL SECURED. CONTRACTOR SHALL PROVIDE ROOF MOUNTING BRACKETS FOR ALL EQUIPMENT. PROVIDE MINIMUM 6̂ TALL ROOF STANDOFFS/CONDUIT SUPPORTS EVERY 6̂. ALL ROOF MOUNTED CONDUCTORS MUST BE XHHW.

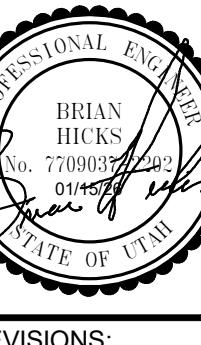
POWER GENERAL SHEET NOTES

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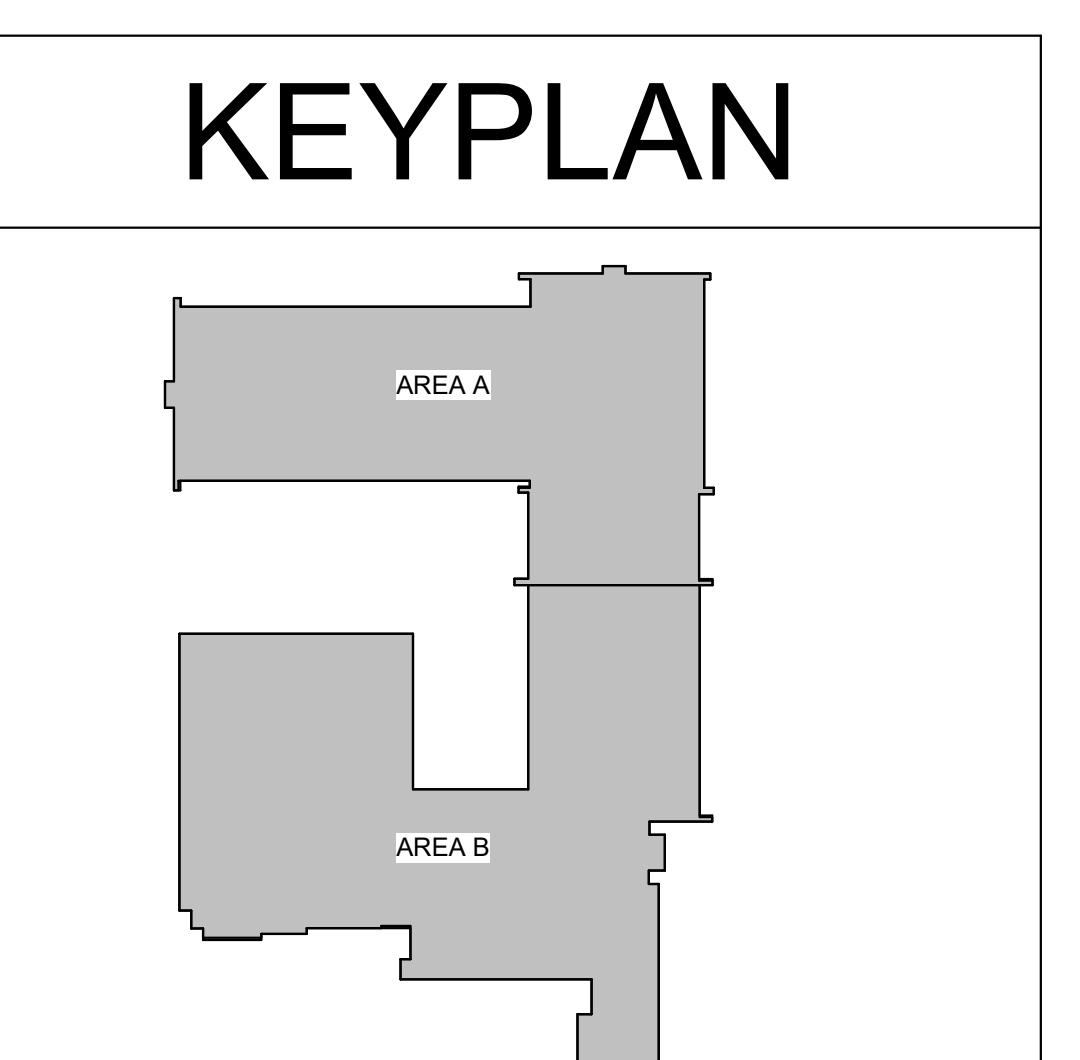
PROJECT TITLE: HUNTINGTON ELEMENTARY SCHOOL
EMERY SCHOOL DISTRICT
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REVISIONS:



DRAWN BY: MK
CHECKED BY: ES
DATE: JAN. 2026
PROJECT #: 176525

EP114

RESOLUT
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Laser. 014411 (430) 710-5481
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PANELBOARD SCHEDULE																																																																																																																																																																																																																																																																																																																																			
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