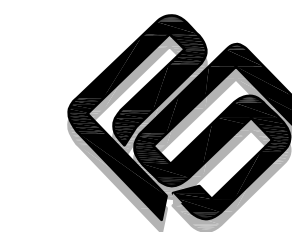


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3031 N.W. 64TH STREET SUITE 101
OKLAHOMA CITY, OKLAHOMA 73116
(405) 840-1901 FAX (405) 840-1916
COA # 390 - RENEWAL DATE 6/30/2021

JUNIOR HIGH SHELTER ADDITION

PRYOR PUBLIC
SCHOOLS
PRYOR, OK
2019

PROJECT

KEY PLAN

REVISIONS

09.17.19

ISSUE DATE

PROJECT NO.
DRAWN BY
CHECKED BY

MECHANICAL/ PLUMBING DEMOLITION PLAN

MD101

SHEET TITLE

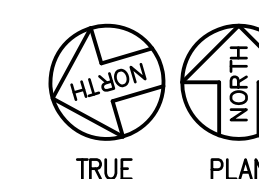
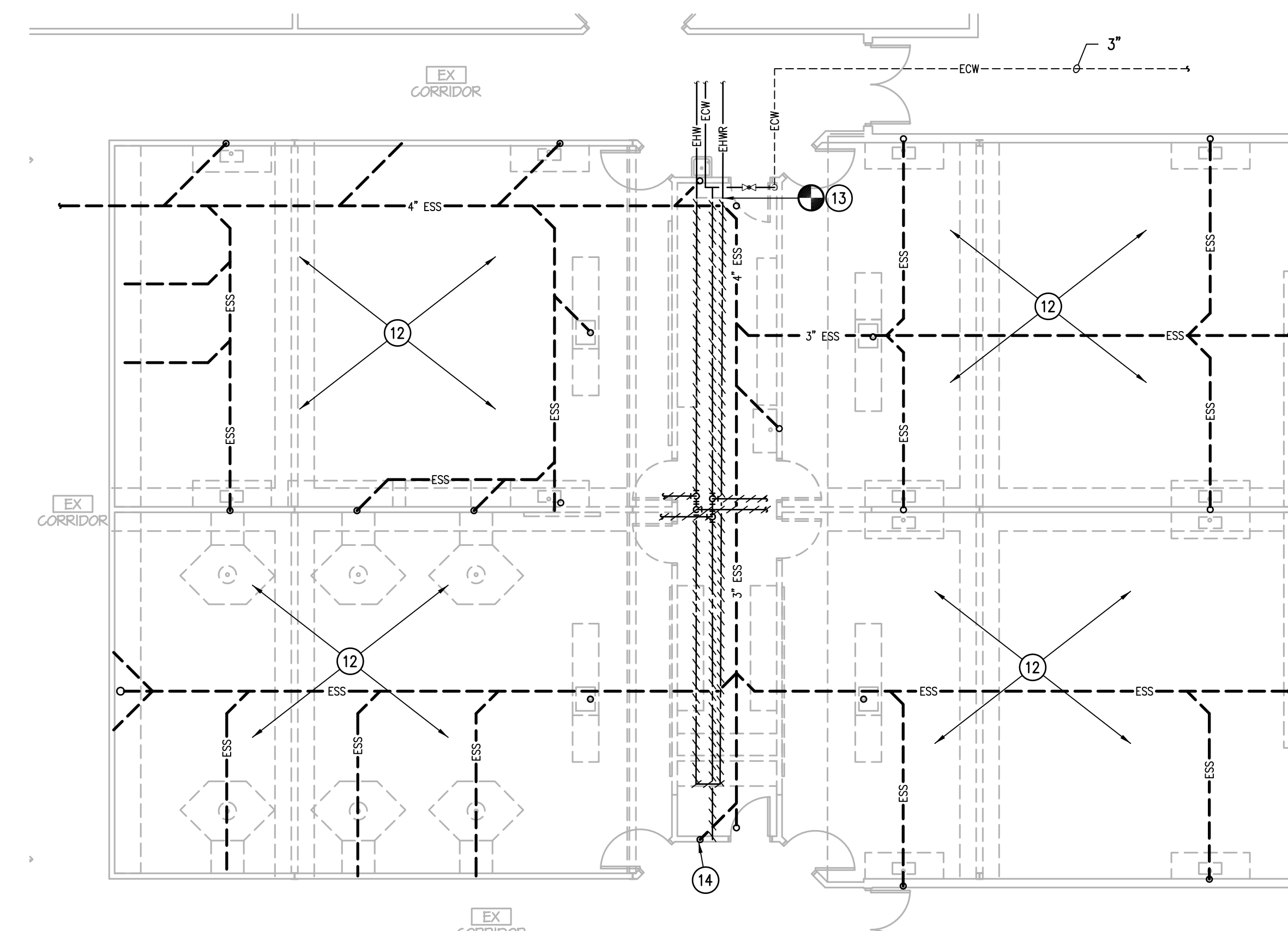
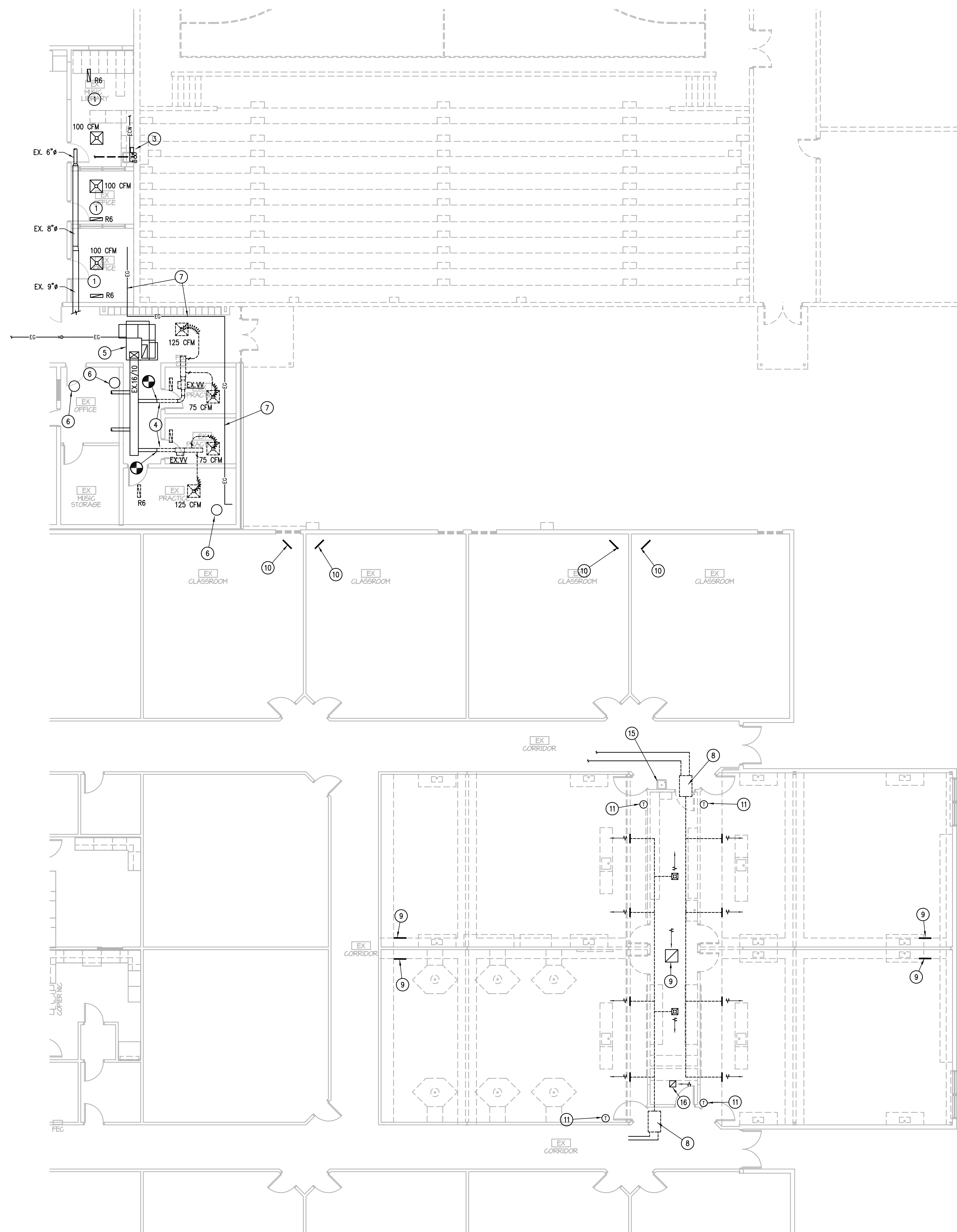
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GENERAL MECHANICAL DEMOLITION NOTES:

- REMOVE EXISTING MECHANICAL AND PLUMBING SYSTEMS SERVING THE GYMNASIUM BUILDING, INCLUDING ALL SURROUNDING OFFICES AND ANCILLARY SPACES, IN ITS ENTIRETY. REMOVE AND CAP UTILITY SERVICES, SUCH AS NATURAL GAS, WATER AND SEWER, OUTSIDE OF BUILDING FOOTPRINT.
- THE SURROUNDING JUNIOR HIGH SCHOOL BUILDING IS OCCUPIED AND DEMOLITION OF HVAC SYSTEMS, EQUIPMENT AND PIPING MUST BE COORDINATED AND SCHEDULED WITH THE OWNER.
- OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT REMOVED. VERIFY WITH OWNER PRIOR TO DISPOSAL.
- LOCATION OF EXISTING EQUIPMENT, PIPING AND DUCTWORK IS BASED ON EXISTING DRAWINGS/SURVEY. EXTREME ACCURACY IS NOT GUARANTEED AND FIELD VERIFICATION OF HVAC AND PLUMBING SYSTEMS IS REQUIRED FOR DEMO AND MODIFICATIONS.
- ALL EXISTING EQUIPMENT IDENTIFIED TO REMAIN, EVEN TEMPORARILY, SHALL BE PROTECTED FROM DAMAGE AS REQUIRED DURING CONSTRUCTION OF WORK IN OTHER AREAS.
- EXISTING FIRE SUPPRESSION SYSTEM, INCLUDING SPRINKLERS AND PIPING TO BE PROTECTED IN PLACE DURING INSTALLATION OF NEW TRUS AND DUCTWORK WITHIN THE EXISTING JUNIOR HIGH SCHOOL. PREMISES TO BE PROTECTED AT ALL TIMES.

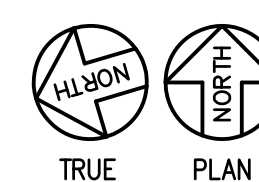
SPECIFIC MECHANICAL DEMOLITION NOTES (○):

- EXISTING SUPPLY DUCT SHOWN THIS AREA IS ROUTED WITHIN ONE OF TWO SOFFITS. CONTRACTOR TO CONFIRM IT IS ROUTED AS SHOWN. IF LOCATED WITHIN THE OTHER SOFFIT, CONTRACTOR SHALL REMOVE, STORE AND PROTECT AND RE-INSTALL WITH ALL CONNECTIONS TO EXISTING AIR DEVICES. EXISTING AIR DEVICES TO REMAIN. REMOVE/RE-INSTALL AS REQUIRED FOR INSTALLATION OF WALL. RE-CONNECT AIR DEVICES.
- EXISTING AIR DEVICES TO REMAIN. REMOVE/RE-INSTALL AS REQUIRED FOR INSTALLATION OF NEW ROOF DRAINS. RE-CONNECT AIR DEVICES.
- REMOVE EXISTING SINK, POINT-OF-USE WATER HEATER AND ALL ASSOCIATED PIPING. RE-INSTALL SINK AND RE-CONNECT 1/2" CW AND EXISTING WASTE AND VENT. PROVIDE NEW HW PIPING SERVICE FROM NEW LOOKER ARE, REFER TO P201. RETURN WATER HEATER TO OWNER.
- REMOVE AIR DEVICES, DUCTWORK AND EXISTING VV TERMINALS SHOWN DASHED TO POINT INDICATED AND STORE/PROTECT TO ALLOW INSTALLATION OF NEW METAL DECK AND STRUCTURE. RE-INSTALL DUCTWORK, TERMINAL UNITS AND AIR DEVICES. REPAIR/REPLACE DAMAGED OR DEFECTIVE PARTS. RE-CONNECT TO EXISTING T-STAT/CONTROLS.
- REMOVE EXISTING ROOFTOP UNIT AND CURB TO ALLOW INSTALLATION OF NEW ROOF INSULATION AND ROOF MODIFICATIONS. PROVIDE NEW ROOF CURB FOR EXISTING CARRIER 48LCS04B2M6 TO MAINTAIN MINIMUM REQUIRED ROOF HEIGHT ABOVE ROOF. CONTRACTOR TO VERIFY REQUIRED CURB HEIGHT NECESSARY FOR ADDITIONAL ROOF INSULATION ADDED AND PROPER FLASHING REQUIRED BY THIS INSTALLATION. RE-INSTALL UNIT AND RE-CONNECT ALL SERVICES AND DUCTWORK.
- REMOVE EXISTING ABANDONED ROOF VENT. SEAL OPENING WEATHERTIGHT, REFER TO ARCHITECTURAL DRAWINGS AND SPECS.
- REMOVE EXISTING ABANDONED GAS PIPING FROM ROOF, INCLUDING DROP THRU ROOF, AND ASSOCIATED SUPPORTS.
- REMOVE DOUBLE DUCT TERMINAL UNIT AND ALL DOWNSTREAM DUCTWORK AND AIR DEVICES. CAP HP SUPPLY DUCT RUNOUTS.
- REMOVE RETURN AIR DEVICE AND ANY ASSOCIATED DUCTWORK.
- REMOVE RETURN AIR DEVICE AND ANY ASSOCIATED DUCT TO ALLOW INSTALLATION OF NEW STRUCTURAL PLATE. RE-INSTALL AIR DEVICE AND ANY ASSOCIATED DUCT.
- REMOVE T-STAT, PATCH WALL AS REQUIRED.
- REMOVE ALL SCIENCE LAB FIXTURES AND ASSOCIATED PIPING. REMOVE ANY AND ALL NATURAL GAS PIPING (EXPOSED, SLEEVED OR ABANDONED). CAP WASTE PIPING BELOW FLOOR.
- REMOVE ALL WATER SERVICES SHOWN HATCHED AND WITHIN THE EXISTING FURRED SPACES (PIPING NOT SHOWN). CAP PIPING UPSTREAM AT POINT OF CONNECTION INDICATED FOR CONNECTION TO NEW AS SHOWN ON P102.
- REMOVE WASTE AND CAPPED WATER SERVICE AT THIS LOCATION SUCH THAT SERVICES ARE PROPERLY CAPPED WITHIN WALL AND WALL CAN BE PATCHED.
- REMOVE AND REPLACE EXISTING WATER COOLER WITH NEW P-66F. RE-CONNECT ALL SERVICES.
- REMOVE EXISTING EXHAUST FAN AND PROVIDE CURB CAP FOR ROOF PENETRATION. ROOF OPENING TO BE USED FOR NEW PLUMBING VTR.



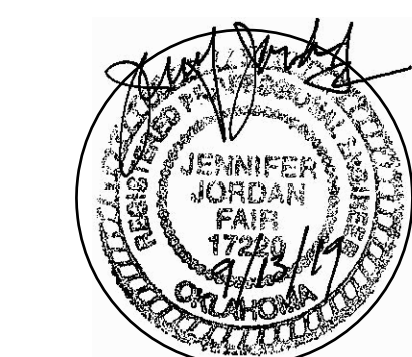
PLUMBING DEMOLITION PLAN - SCIENCE LABS
SCALE: 1/8" = 1'-0"

TRUE PLAN

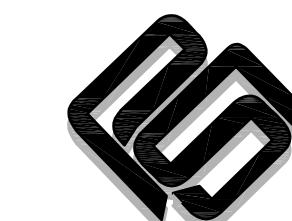


MECHANICAL/PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

TRUE PLAN



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JUNIOR HIGH SHELTER ADDITION

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PROJECT

KEY PLAN

GENERAL MECHANICAL NOTES:

- INSTALL ALL DUCTWORK AND ACCESSORIES PER 2015 INTERNATIONAL MECHANICAL CODE AND ALL LOCAL CODES, AND AUTHORITY HAVING JURISDICTION.
- COORDINATE EXACT LOCATION OF ALL AIR DEVICES WITH THE REFLECTED CEILING PLAN.
- COORDINATE ALL ROOF PENETRATIONS AND ROOF MOUNTED EQUIPMENT LOCATIONS WITH STRUCTURAL. COORDINATE MASONRY WALL PENETRATION WITH STRUCTURAL. PENETRATIONS THRU SHELTER WALL SHALL BE CAREFULLY COORDINATED WITH THE PRECAST PANEL SUPPLIER. SUPPLY OPENINGS THRU PRECAST WALL MUST ALIGN WITH DOUBLE TEE TRUSSES TO ALLOW DUCTS TO BE ROUTED UP INTO TRUSS SPACE WITHOUT OFFSET.
- MAXIMUM FLEXIBLE S/A DUCTWORK AT ANY AIR DEVICE SHALL NOT EXCEED 5'-0". PROVIDE ADDITIONAL SUPPORTS AS NECESSARY TO PREVENT CONTACT WITH CEILING MATERIAL/ASSEMBLY.
- REFER TO AIR DISTRIBUTION DEVICE SCHEDULE FOR SUPPLY RUNOUT SIZES.
- MOUNT THERMOSTAT AT NOT MORE THAN 48" AFF. COORDINATE W/ LIGHT SWITCHES. MOUNT DEVICE LEVEL WITH COVER AND TRIM SNUG TO WALL. PROVIDE CLEAR PROTECTIVE COVER FOR T-STAT AT GYM SUBMIT OUTSHEET FOR APPROVAL.
- RETURN AND/OR EXHAUST DEVICE AIRFLOW VOLUMES SHALL EQUAL SUPPLY UNLESS INDICATED OTHERWISE.
- CO SENSOR SHALL BE PROVIDED FOR EACH CLASSROOM BY DIVISION 28 FIRE ALARM INSTALLED AT CEILING.

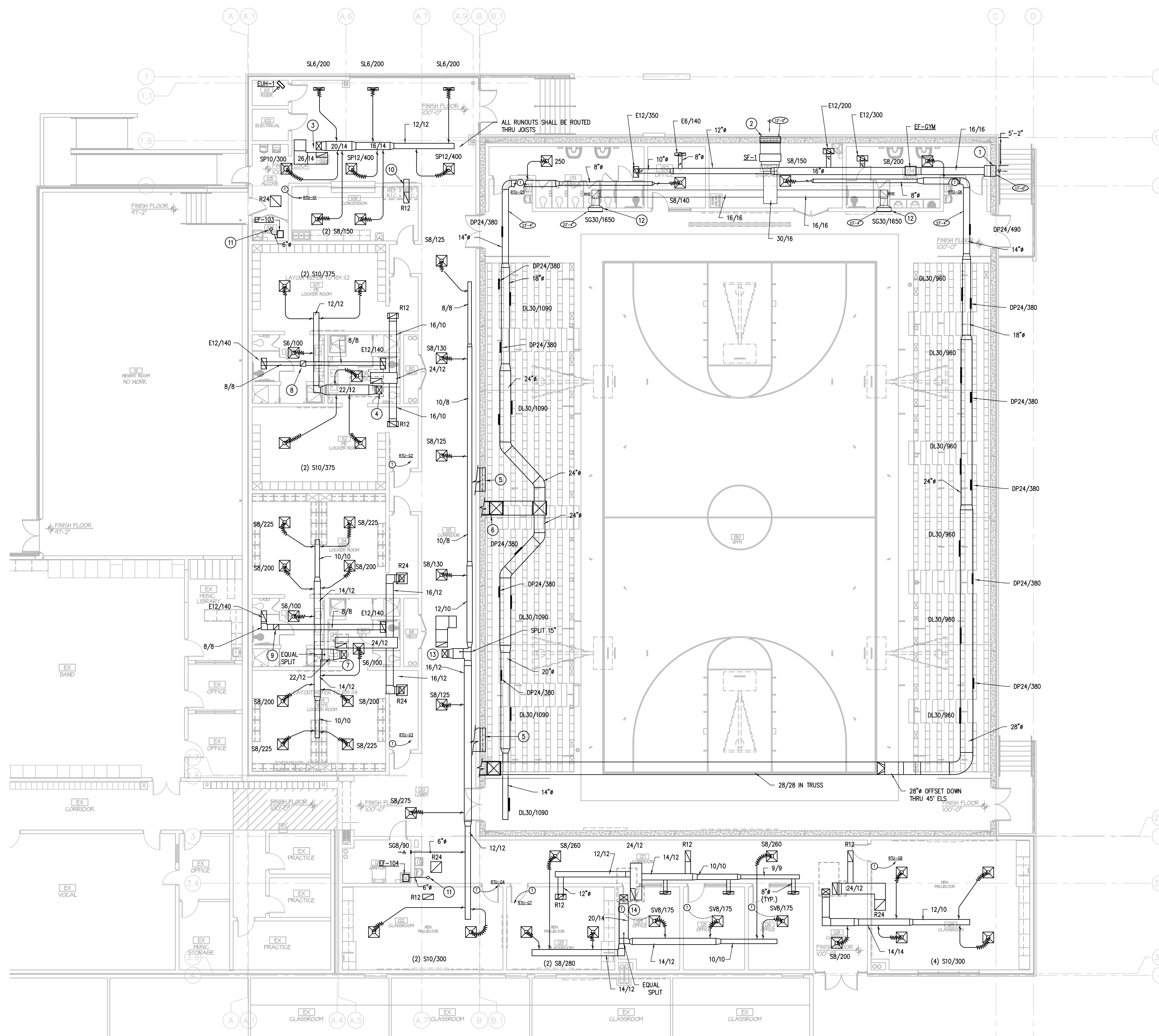
SPECIFIC MECHANICAL NOTES:

- PROVIDE 24/24 EXHAUST LOUVER, FEMA RATED, REFER TO DETAIL K/M201 FOR ADDITIONAL INFORMATION. COORDINATE INSTALLATION WITH STRUCTURAL DRAWINGS.
- PROVIDE 46/36 INTAKE LOUVER, FEMA RATED, REFER TO DETAIL B/M201 FOR ADDITIONAL INFORMATION. COORDINATE INSTALLATION WITH STRUCTURAL DRAWINGS. TRANSITION 46/36 O/A FROM LOUVER TO 43/14 INTAKE AT SUPPLY FAN. TRANSITION 40/11 DISCHARGE TO 30/16.
- 18/12 S/A & 26/11 R/A FROM RTU-G1. TRANSITION TO 20/14 S/A, DROP 26/11 R/A INTO 26/14 R/A PLENUM.
- 18/12 S/A & 26/11 R/A FROM RTU-G2. TRANSITION TO 22/12 S/A, DROP 26/11 R/A INTO 24/12 R/A DUCT.
- RS2 RETURN AIR GRILLE AND FEMA LOUVER ASSEMBLY. REFER TO ROOF PLAN FOR CONTINUATION AND DETAILS ON M201 AND M202.
- 28/28 S/A DUCT THRU SHELTER WALL AT 15'-5" AFF. STRUCTURAL PROTECTIVE SHROUD REQUIRED FOR PROTECTION OF OPENING. ALLOW OPENING SIZE TO INCLUDE 1.5" DUCTLINER.
- 18/12 S/A & 26/11 R/A FROM RTU-G3. TRANSITION TO 22/12 S/A, DROP 26/11 R/A INTO 24/12 R/A DUCT.
- CONNECT (2) 8/8 EXHAUST DUCTS ROUTED BETWEEN JOISTS IN STRUCTURE TO 12/12 EXHAUST UP TO EF-101.
- CONNECT (2) 8/8 EXHAUST DUCTS ROUTED BETWEEN JOISTS IN STRUCTURE TO 12/12 EXHAUST UP TO EF-102.
- 12/8 RETURN AIR TRANSFER.
- EXTEND 6" EXHAUST UP THRU ROOF. PROVIDE WITH MFR'S ROOF CAP/CURB.
- EXTEND 16/16 S/A UP AND TRANSITION TO 30/16 SUPPLY GRILLE. COORDINATE EXACT LOCATION AND ELEVATION WITH ARCHITECTURAL ELEVATIONS.
- 18/12 S/A & 26/11 R/A FROM RTU-G4. TRANSITION TO 22/12 S/A, TRANSITION 26/11 R/A TO 24/12 R/A DUCT.
- 18/12 S/A & 26/11 R/A FROM RTU-G7. TRANSITION TO 22/12 S/A, DROP 26/11 R/A INTO 24/12 R/A PLENUM.
- 18/12 S/A & 26/11 R/A FROM RTU-G8. TRANSITION TO 22/12 S/A, TRANSITION 26/11 R/A TO 24/12 R/A DUCT.

FIRE PROTECTION NOTES:

GENERAL:

- AN AUTOMATIC WET PIPE SPRINKLER SYSTEM SHALL BE INSTALLED FOR ALL SPACES WITHIN THE NEW CONSTRUCTION AND RENOVATION AREAS IN COMPLIANCE WITH NFPA-13 AND ALL OTHER APPLICABLE CITY AND STATE CODE REQUIREMENTS. CONTRACTOR SHALL PROVIDE HYDRAULIC CALCULATIONS FOR ALL PIPING, AND SHOP DRAWINGS SHOWING THE LOCATION AND SIZE OF ALL PIPING, INCLUDING SHUT-OFF VALVES, TEST VALVES, DRAINS, ALARMS, ETC. THAT ARE REQUIRED TO EXTEND SERVICE TO NEW AREAS.
- BUILDING IS CLASSIFIED AS LIGHT HAZARD OCCUPANCY. REFER TO ARCHITECTURAL CODE PLAN FOR TOTAL SQUARE FOOTAGE OF BUILDING. REFER SPECS FOR SPRINKLER TYPES.
- CONCEALED HEAD ESCUTCHEONS SHALL BE WHITE IN LAY-IN CEILINGS. CONCEALED HEAD ESCUTCHEONS IN ALL OTHER CEILING & DECORATIVE CEILING ELEMENTS SHALL BE BRUSHED CHROME.
- CONTRACTOR SHALL CLOSELY COORDINATE THE FIRE SYSTEM INSTALLATION WITH ALL OTHER CONTRACTORS, SUB-CONTRACTORS AND TRADES AT THOSE AREAS WITH LIMITED CLEARANCES DUE TO STRUCTURAL ELEMENTS, DUCTWORK, PIPING, LIGHTS, ETC.
- PROVIDE CONCEALED SPRINKLERS & LOCATE SPRINKLERS CENTER OF TILE AT ALL LAY-IN CEILING GRID. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ARCHITECTURAL INTERIORS PLAN FOR CEILING TYPES, DIFFUSER AND LIGHT LOCATIONS. VERIFY CEILING HEIGHTS AND VARYING ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO PROVIDE PROPER PROTECTION.
- SPRINKLER PIPING WITHIN GYM SHALL ROUTE PIPING PARALLEL TO CONCRETE BEAMS/TRUSSES AT/NEAR BOTTOM OF TRUSS. PIPING SHALL ENTER THE SHELTER ABOVE THE RESTROOMS. PROTECTIVE SHROUD AS DETAILED IN STRUCTURAL DRAWINGS IS REQUIRED.
- COORDINATE VARYING ROOF HEIGHTS & STRUCTURE WITH PIPE ROUTING & OFFSET AS REQUIRED.
- CEILING HEIGHTS INDICATED WITHOUT GRID SHOWN ARE TYPICALLY LAY-IN CEILING TYPES. CONFIRM TYPE WITH ARCHITECTURAL FINISH PLANS.
- SLOPE ALL PIPING TO ALLOW FOR DRAINAGE OF SYSTEM.
- PROVIDE PROTECTIVE GUARDS AT SPRINKLER DEVICES IN EXPOSED AREAS, SUCH AS GYM.



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

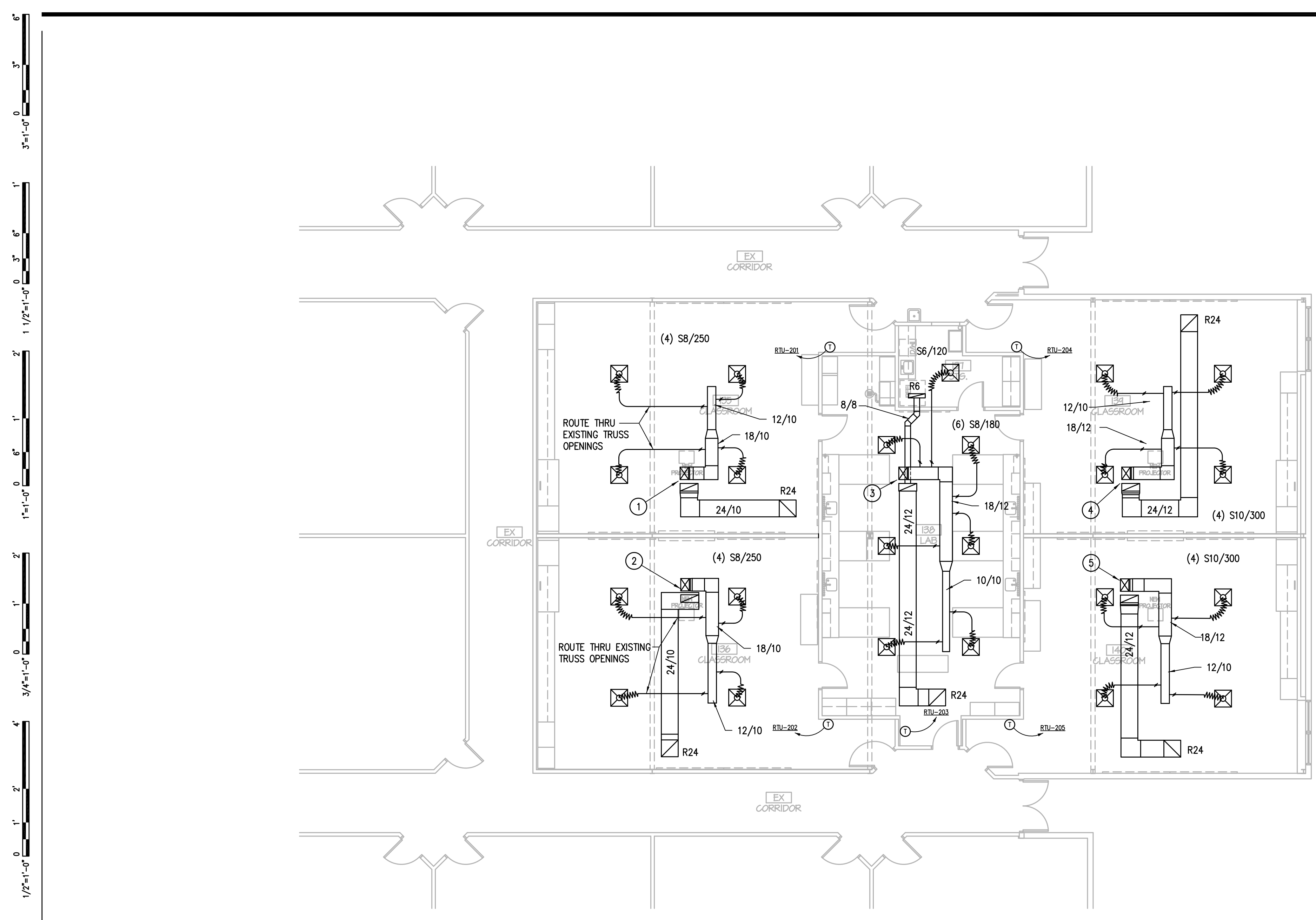
TRUE PLAN


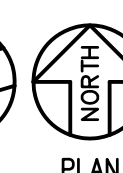
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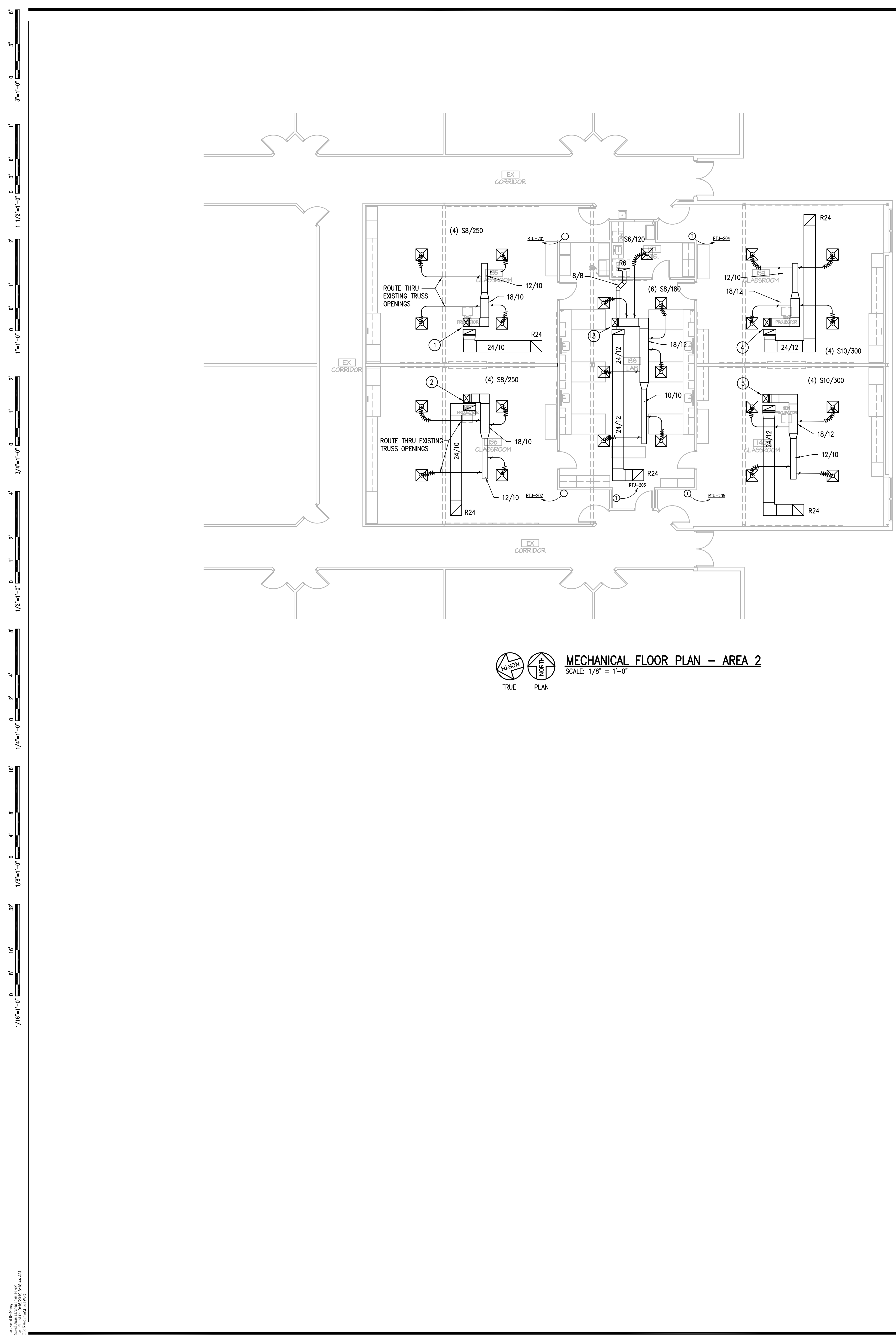
MECHANICAL FLOOR PLAN - AREA 1

M101

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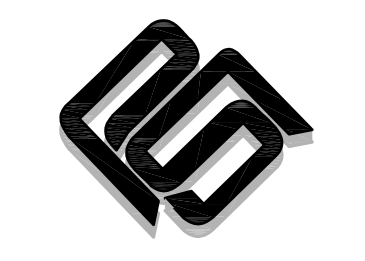


MECHANICAL FLOOR PLAN - AREA 2
 SCALE: 1/8" = 1'-0"



- GENERAL MECHANICAL NOTES:**
- INSTALL ALL DUCTWORK AND ACCESSORIES PER 2015 INTERNATIONAL MECHANICAL CODE AND ALL LOCAL CODES, AND AUTHORITY HAVING JURISDICTION.
 - COORDINATE EXACT LOCATION OF ALL AIR DEVICES WITH THE REFLECTED CEILING PLAN.
 - COORDINATE ALL ROOF PENETRATIONS AND ROOF MOUNTED EQUIPMENT LOCATIONS WITH STRUCTURAL FOR PENETRATIONS THRU THE EXISTING STRUCTURAL DECK. CONTRACTOR TO UTILIZE EXISTING TRUSS OPENINGS FOR ROUTING SUPPLY DUCT RUNOUTS. ADJUST/OFFSET SUPPLY RUNOUTS TO ACCOMMODATE EXISTING CONDITIONS.
 - MAXIMUM FLEXIBLE S/A DUCTWORK AT ANY AIR DEVICE SHALL NOT EXCEED 5'-0". PROVIDE ADDITIONAL SUPPORTS AS NECESSARY TO PREVENT CONTACT WITH CEILING MATERIAL/ASSEMBLY.
 - REFER TO AIR DISTRIBUTION DEVICE SCHEDULE FOR SUPPLY RUNOUT SIZES.
 - REPLACE EXISTING THERMOSTATS UTILIZING EXISTING LOCATIONS. LOCATIONS INDICATED ARE BASED ON EXISTING DRAWINGS. REFER SPECIFICATIONS FOR REQUIREMENTS.
 - RETURN AND/OR EXHAUST DEVICE AIRFLOW VOLUMES SHALL EQUAL SUPPLY UNLESS INDICATED OTHERWISE.
 - CO SENSOR SHALL BE PROVIDED FOR EACH CLASSROOM PROVIDED WITH NEW PACKAGED GAS-FIRED RTU BY DIVISION 28 FIRE ALARM INSTALLED AT CEILING.
 - COORDINATE ROUTING OF DUCTWORK WITH PROJECTOR LOCATION AND SUPPORT.

- SPECIFIC MECHANICAL NOTES (○):**
- 18/12 S/A & 26/11 R/A FROM RTU-201, TRANSITION TO 18/10 S/A, TRANSITION 26/11 R/A 24/10 R/A.
 - 18/12 S/A & 26/11 R/A FROM RTU-202, TRANSITION TO 18/10 S/A, DROP 26/11 R/A DOWN INTO 24/10 R/A PLENUM. TAP PLENUM WITH 24/20 R/A DUCT ROUTED TO GRILLE.
 - 18/12 S/A & 26/11 R/A FROM RTU-203, TRANSITION TO 18/12 S/A, TRANSITION 26/11 R/A 24/12 R/A.
 - 18/12 S/A & 26/11 R/A FROM RTU-204, TRANSITION TO 18/12 S/A, TRANSITION 26/11 R/A 24/12 R/A.
 - 18/12 S/A & 26/11 R/A FROM RTU-205, TRANSITION TO 18/12 S/A, TRANSITION 26/11 R/A 24/12 R/A.

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 architecture. interiors
 8091 N. Owasso Expressway
 Owasso, Oklahoma 74055
 phone: 918.272.2922
 web: stacy-group.com



PSA CONSULTING ENGINEERS, INC.
 3031 N.W. 64TH STREET SUITE 101
 OKLAHOMA CITY, OKLAHOMA 73116
 (405) 840-1901 FAX (405) 840-1916
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**JUNIOR HIGH
 SHELTER
 ADDITION**

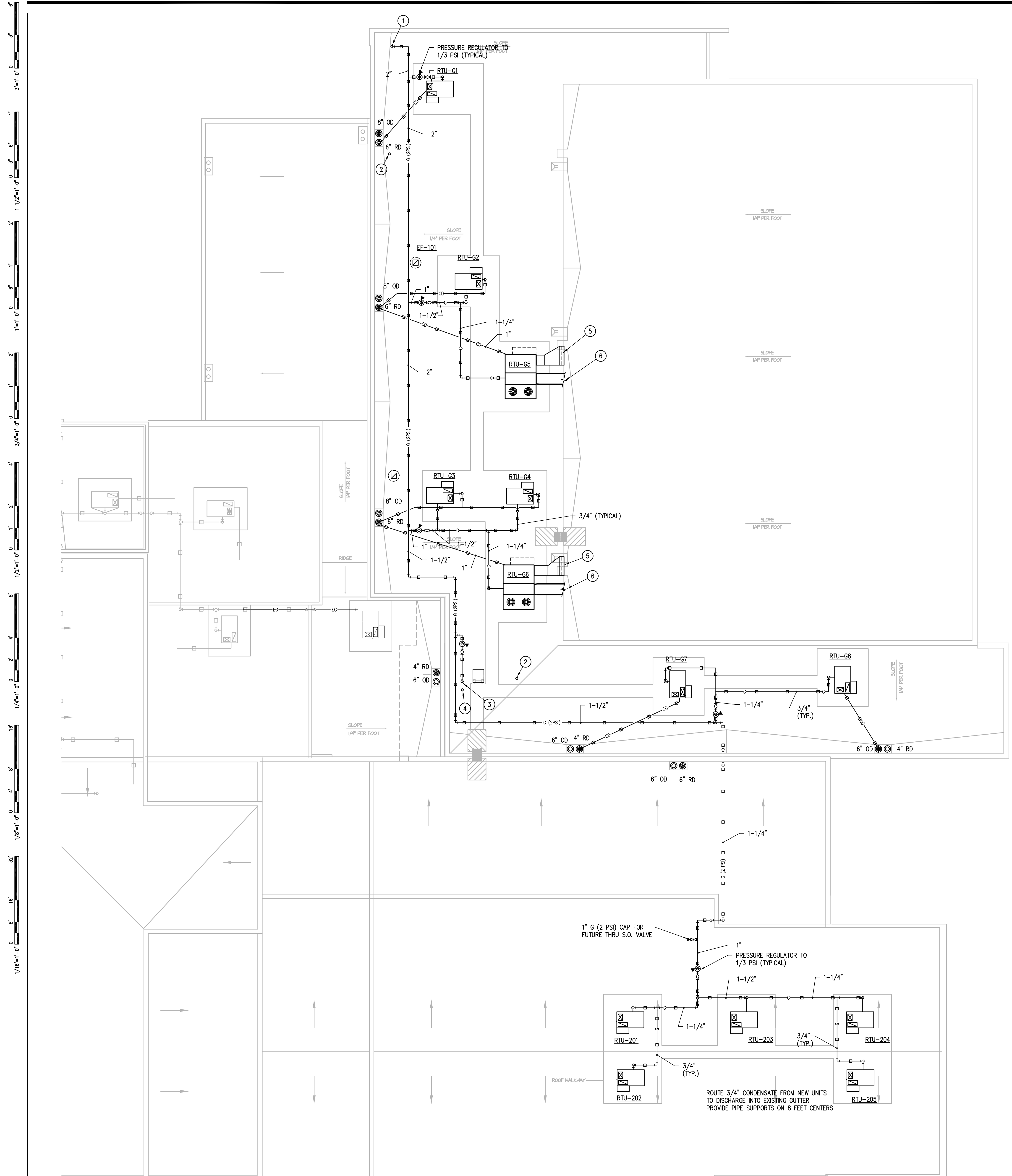
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 2019

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**MECHANICAL
 FLOOR PLAN -
 AREA 2**

M102

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

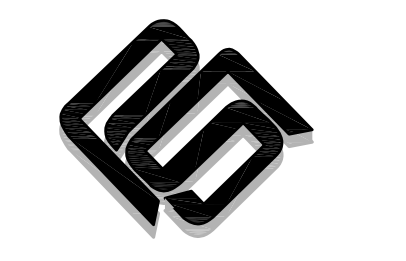
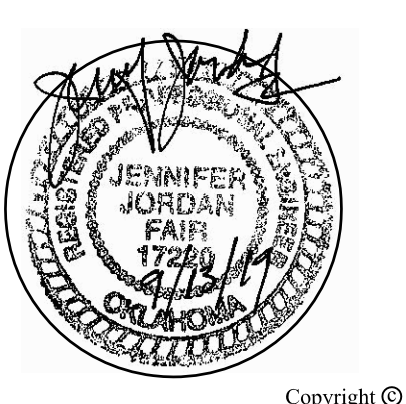
GENERAL MECHANICAL/PLUMBING NOTES:

- A. ALL MECHANICAL WORK SHALL BE INSTALLED PER THE 2015 INTERNATIONAL MECHANICAL, PLUMBING, AND FUEL GAS CODES, AMERICAN WITH DISABILITIES ACT (ADA), AND ALL LOCAL CODES, AND AUTHORITY HAVING JURISDICTION.
- B. ALL GAS PIPING SHALL BE PAINTED SILVER FOR CORROSION PROTECTION. ALL GAS PIPING TO UNITS TO BE 3/4" IN SIZE UNLESS NOTED OTHERWISE. SUPPORT ALL GAS PIPING ON ROOF NOT MORE THAN EVERY 8 FEET, REFER TO PIPING DETAILS.
- C. COORDINATE ROUTING OF ALL DUCT, PIPING, ETC. WITH STRUCTURAL ELEMENTS. MODIFY ACTUAL LOCATIONS AS REQUIRED. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AS REQUIRED BY THE DIVISION 23 SPECS FOR ALL DUCTWORK IN ALL AREAS, COORDINATED WITH THE ACTUAL STRUCTURE TO BE PROVIDED. DRAWINGS SHALL ENSURE THAT ALL CODE REQUIRED CLEARANCES ARE PROVIDED FOR ALL EQUIPMENT.
- D. ALL ROOF-TOP EQUIPMENT CURBS SHALL BE A MINIMUM OF 8 INCHES ABOVE THE FINISHED ROOF SURFACE FOR COUNTER-FLASH ENDORSED BY THE ROOF MANUFACTURER. THE TOPS OF ALL EQUIPMENT CURBS AND HOUSEKEEPING PADS SHALL BE LEVEL.
- E. ALL EQUIPMENT LABELING/IDENTIFICATION SHALL BE LEGIBLE AND SHALL BE MECHANICALLY SECURED AT THE EQUIPMENT WITH NON-CORRODING FASTENERS.
- F. ALL MISCELLANEOUS ROOF-TOP EQUIPMENT SUPPORTS SHALL BE ENDORSED BY BOTH THE RESPECTIVE EQUIPMENT AND THE ROOF SYSTEM MANUFACTURER.
- G. ALL VERTICAL LEADERS TO ROOF AND OVERFLOW DRAINS SHALL BE THE SAME SIZE AS DRAIN. NOTE THAT DRAIN PIPING SIZES MAY CHANGE AFTER TURNING HORIZONTAL.
- H. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING PIPING AND EQUIPMENT WITH ALL OTHER CONTRACTORS, SUBCONTRACTORS AND TRADES AT THOSE AREAS WITH LIMITED CLEARANCES DUE TO STRUCTURAL, MECHANICAL, CEILING AND ELECTRICAL ELEMENTS. ALL CODE REQUIRED CLEARANCES FOR ALL SYSTEMS MUST BE PROVIDED.
- I. EXTEND ALL PLUMBING VENTS UP THRU ROOF THRU PIPE PORTAL. LOCATE VENTS AT LEAST 10 FEET FROM O/A INTAKES. SUPPORT ALL GAS PIPING AND CONDENSATE PIPING ON ROOF NOT MORE THAN EVERY 8 FEET, REFER TO PIPING DETAILS.
- J. ALL RTU CONDENSATE DRAIN PIPING SHALL HAVE P-TRAPS WITH AIR VENT, ROUTE TO PRIMARY ROOF DRAIN ON PIPE SUPPORTS ON NOT MORE THAN 8 FEET CENTERS. ALL CONDENSATE DRAINS ARE 3/4" PIPE SIZE UNLESS INDICATED OTHERWISE.
- K. LOCATE ALL ROOFTOP UNITS A MINIMUM OF 10 FEET FROM ROOF EDGE AND EXHAUST FANS A MINIMUM OF 10 FEET FROM RTU INTAKES.

SPECIFIC MECHANICAL NOTES:

1. 2" GAS (2 PSI) UP FROM RISER ROOM BELOW, SEE P201 FOR CONTINUATION.
2. 6" EXHAUST THRU MFR'S ROOF CAP.
3. 1-1/4" GAS DOWN TO WATER HEATER, SEE P201 FOR CONTINUATION.
4. COMBINATION COMBUSTION AIR AND FLUE FROM WATER HEATER, SIZED PER MFR'S RECOMMENDATION AND GUIDELINES.
5. TRANSITION 27/46 R/A AT UNIT TO CONNECT TO 52/52 FEMA LOUVER ASSEMBLY. RETURN AIR DUCT SHALL BE PROVIDED WITH 1.5" DUCTLINER. CONTRACTOR SHALL COORDINATE REQUIRED OPENING SIZE AND LOCATION WITH STRUCTURAL.
6. TRANSITION 26/46 S/A TO 28/28 S/A AND EXTEND THRU SHELTER WALL. OPENING SIZE SHALL ACCOMMODATE THE REQUIRED 1.5" DUCTLINER. COORDINATE LOCATION AND REQUIRED SIZE OF OPENING WITH STRUCTURAL.

the.stacy.group
architecture. interiors
8091 N. Owasso Expressway
Owasso, Oklahoma 74055
phone: 918.272.2622
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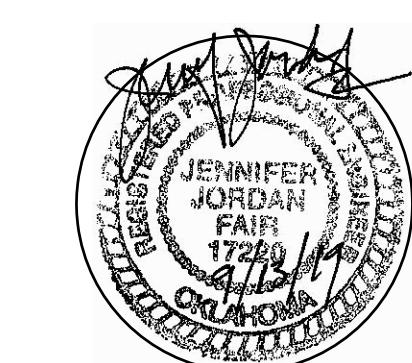
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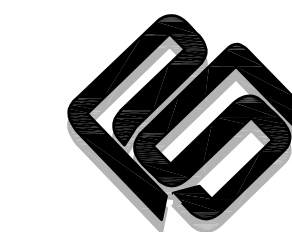
MECHANICAL
ROOF PLAN

M103

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PRYOR, OK
2019

PROJECT

KEY PLAN

REVISIONS

09.17.19

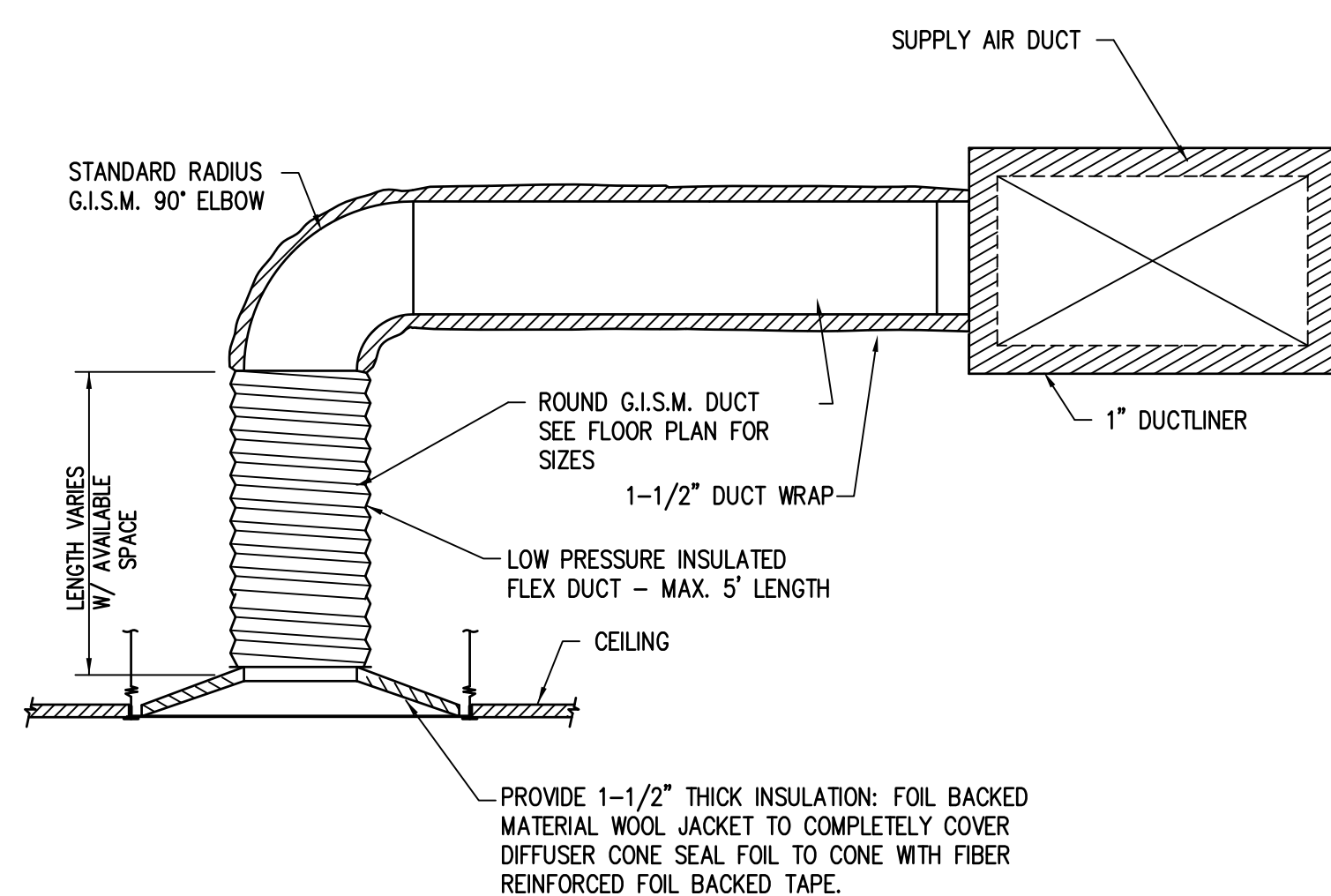
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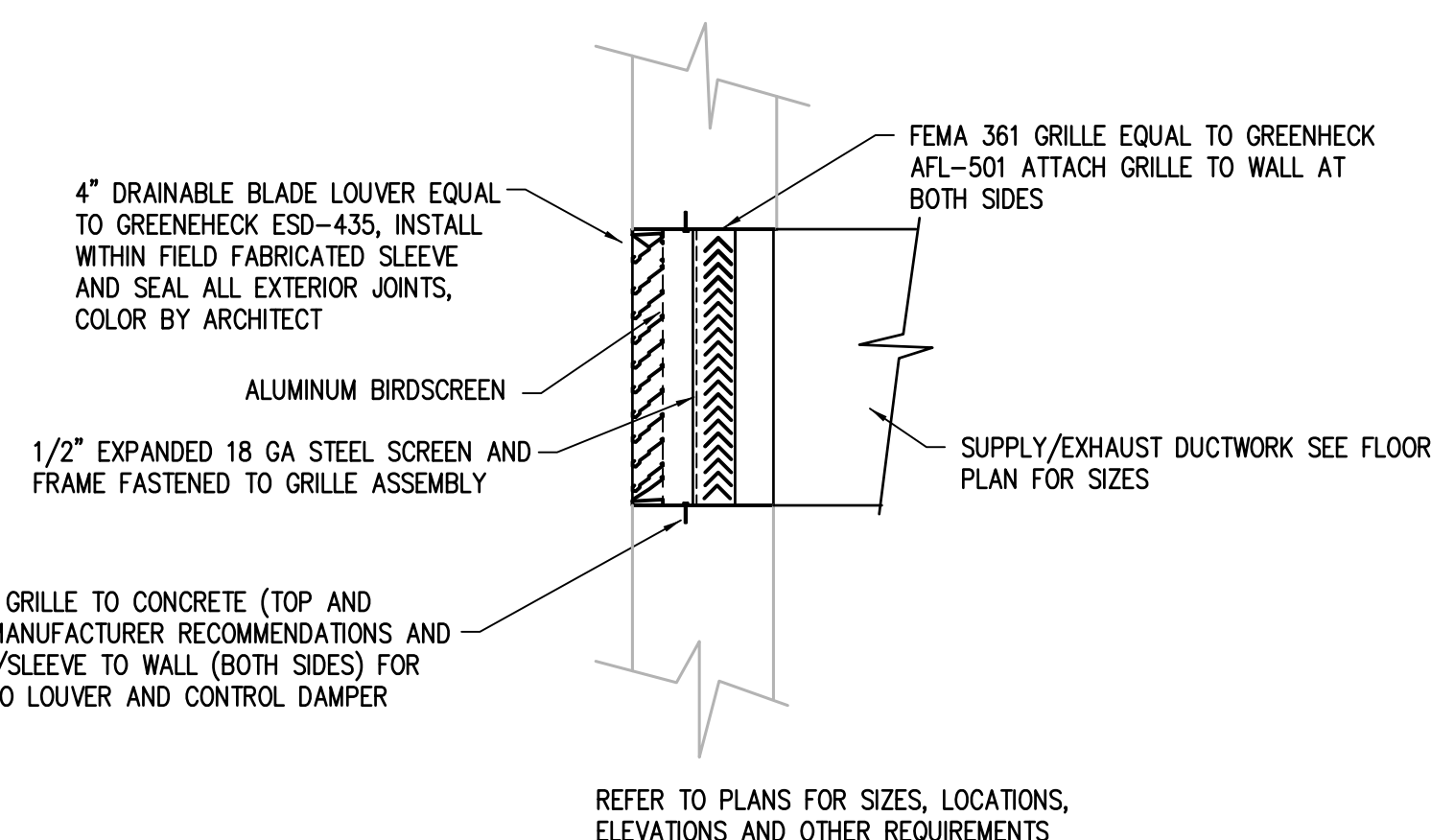
MECHANICAL
DETAILS

M201
SHEET TITLE

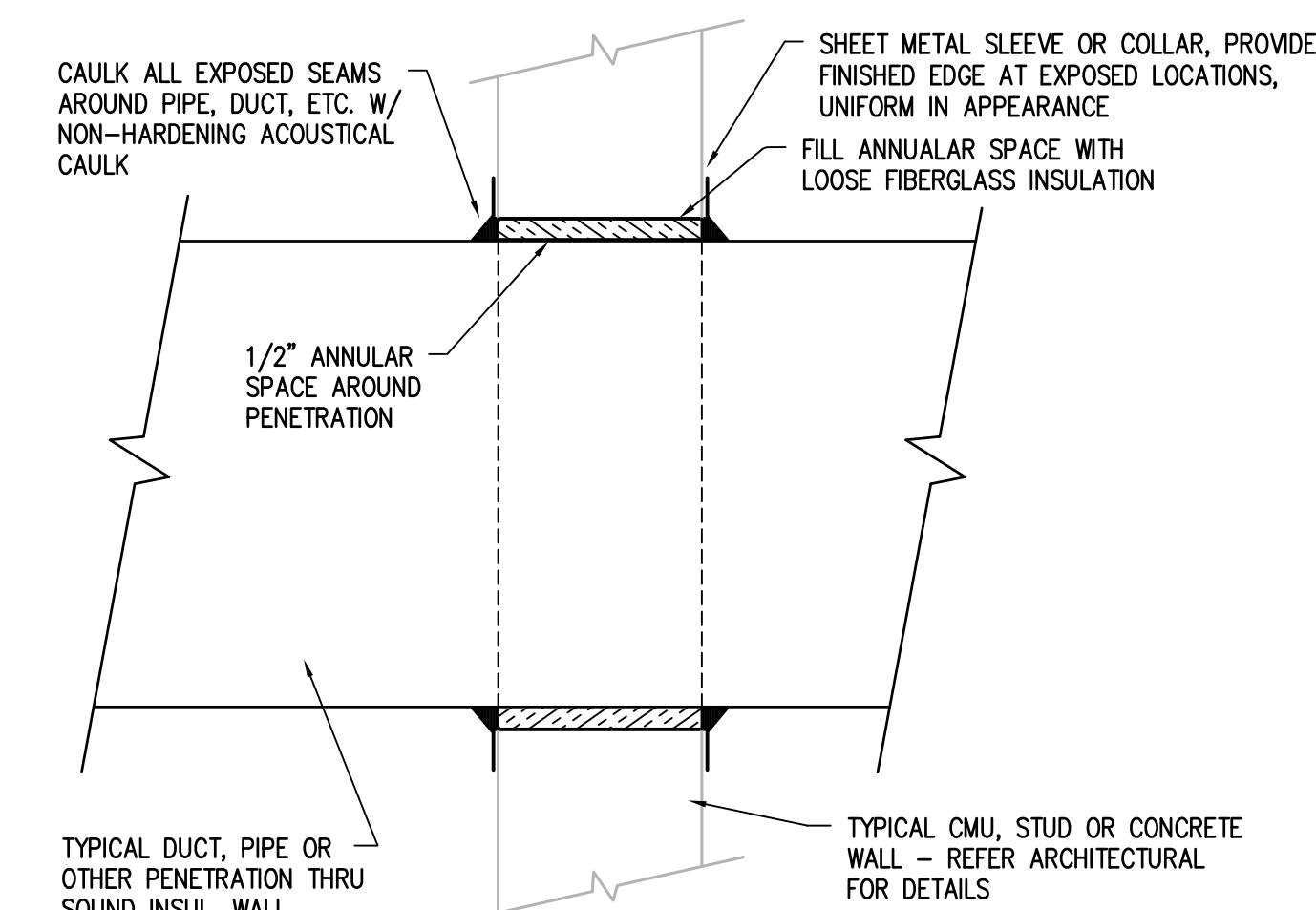
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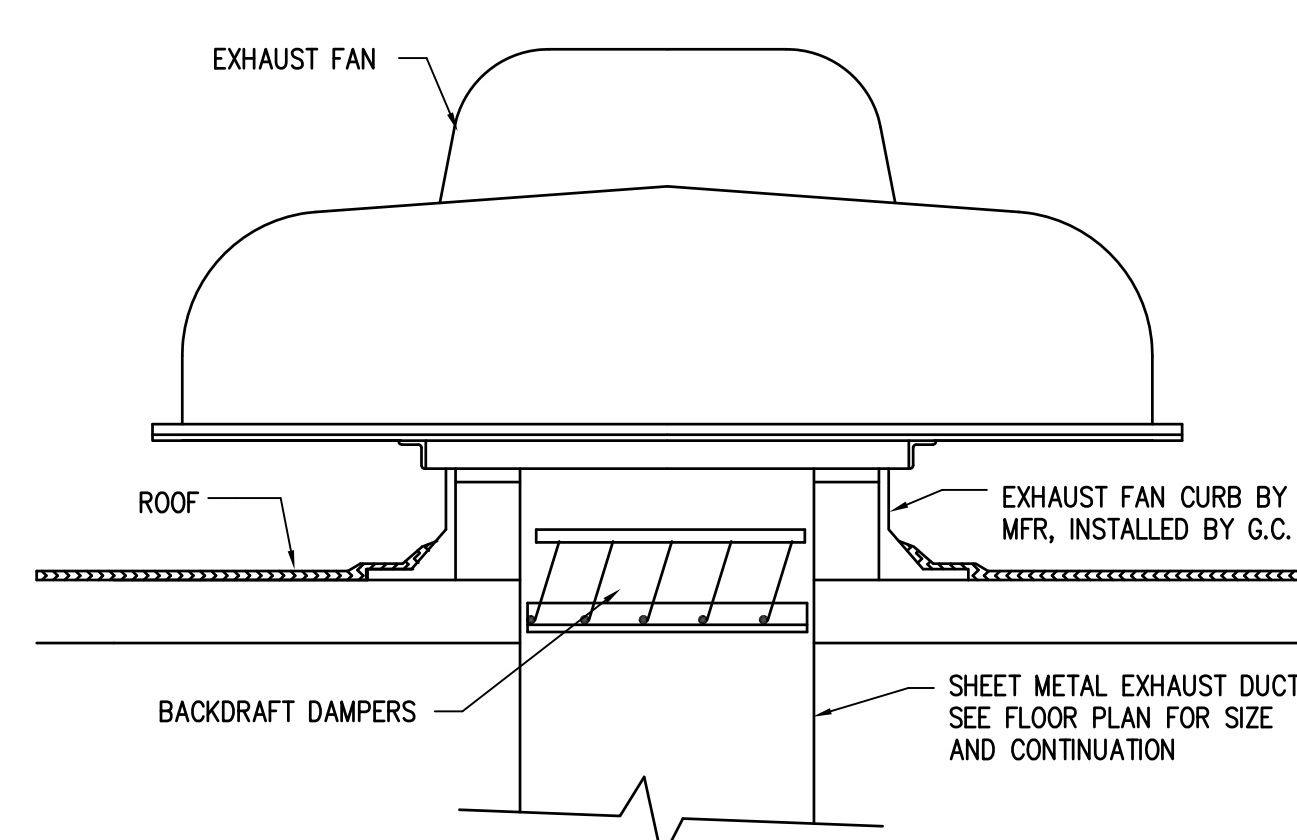
A TYPICAL FLEXIBLE DUCT DIFFUSER DETAIL
NO SCALE



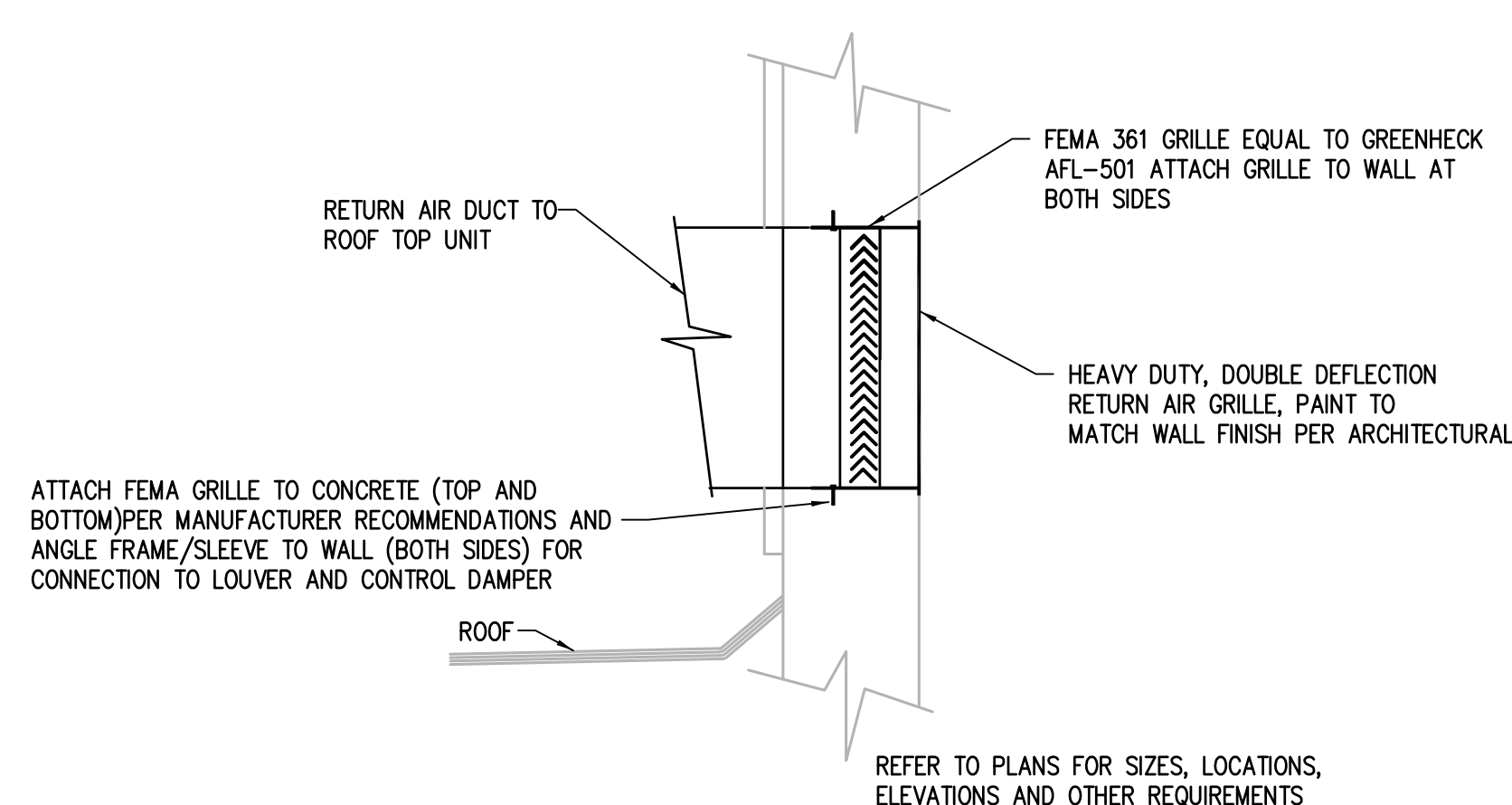
B FEMA LOUVER INTAKE/EXHAUST ASSEMBLY
NO SCALE



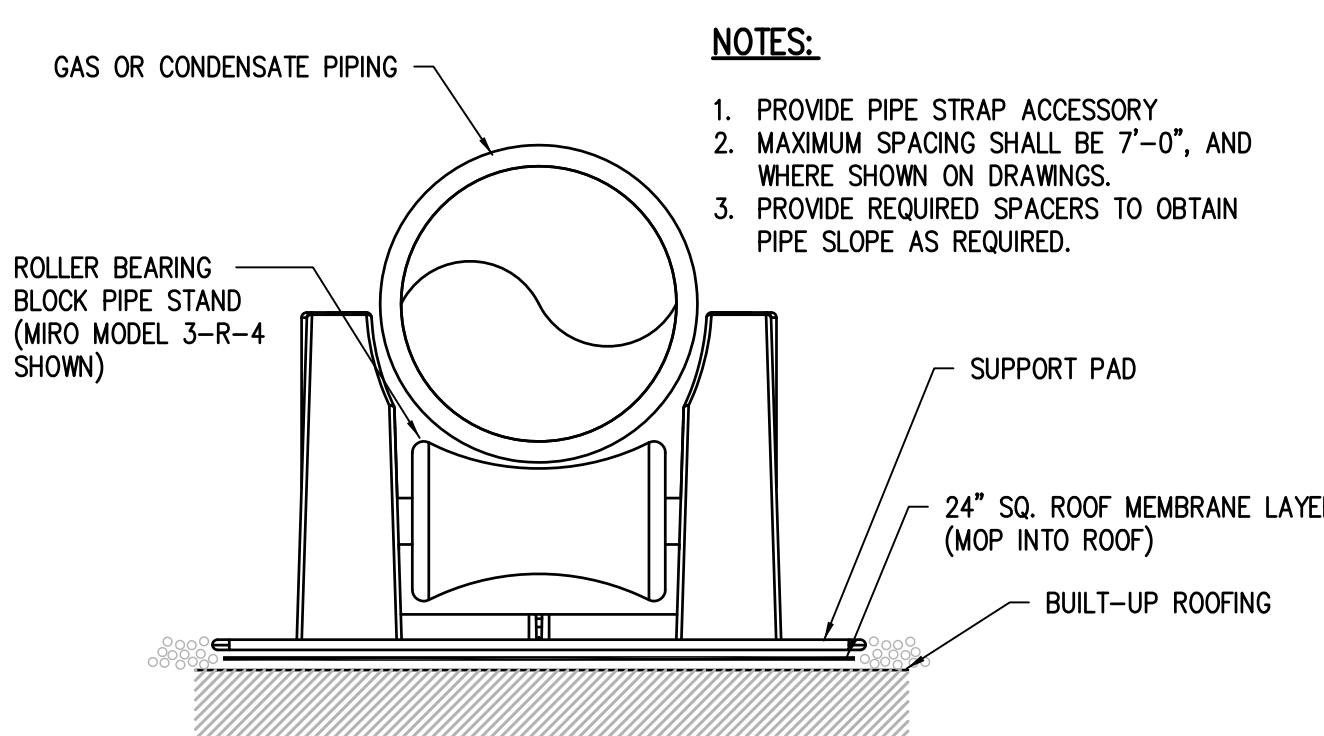
C SEALING DETAIL AT PIPE, DUCT OR OTHER PENETRATION THRU INTERIOR WALLS
NO SCALE



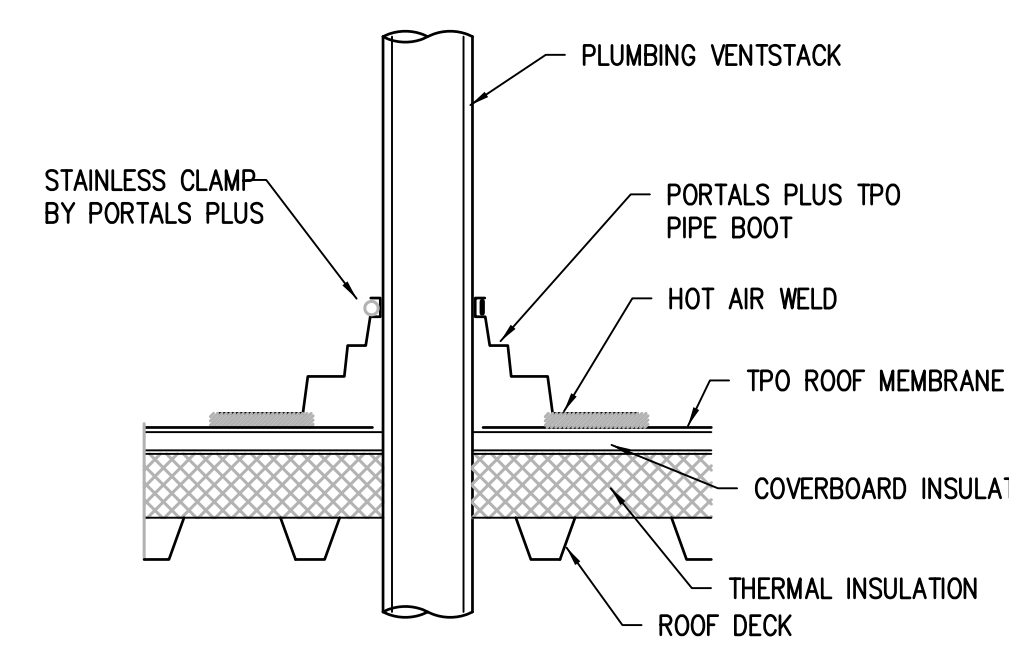
D TYPICAL ROOF MOUNTED EXHAUST
NO SCALE



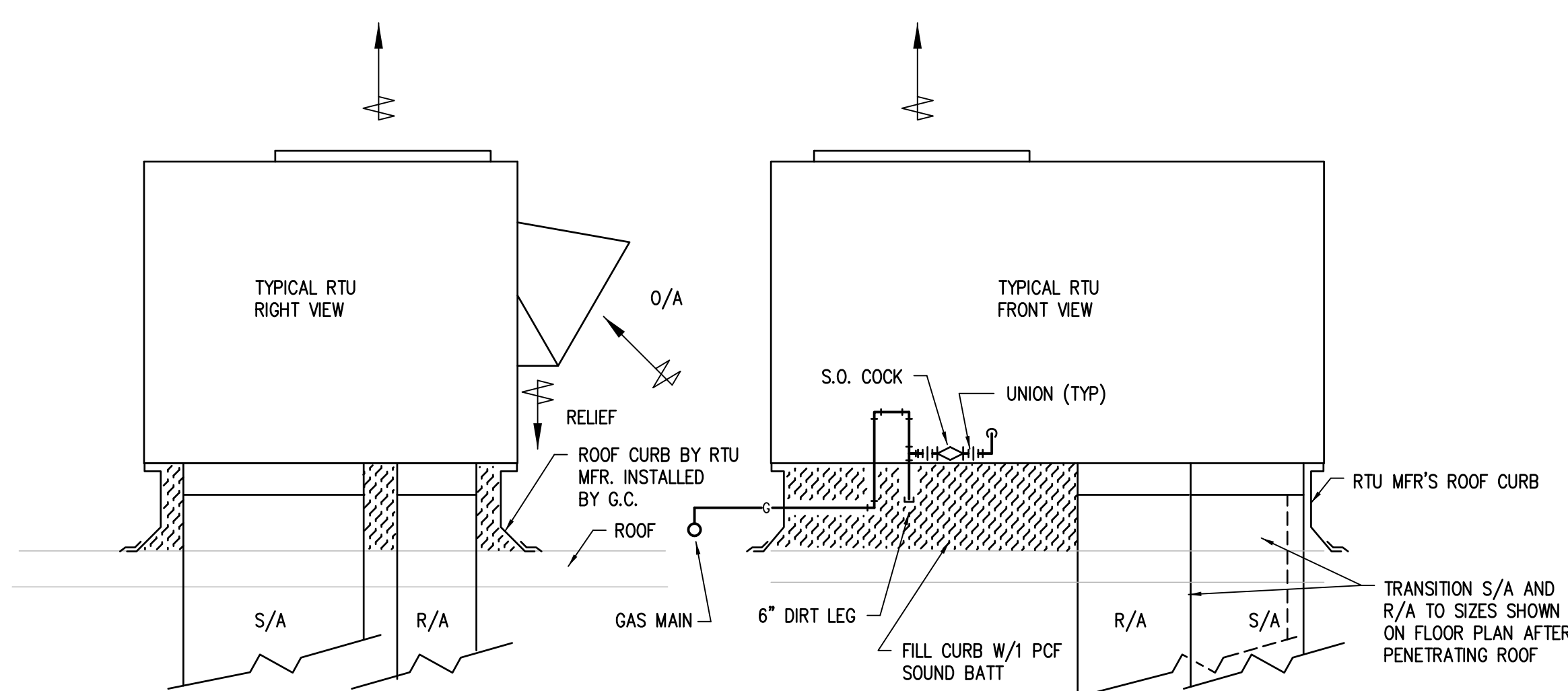
E FEMA LOUVER RETURN AIR ASSEMBLY
NO SCALE



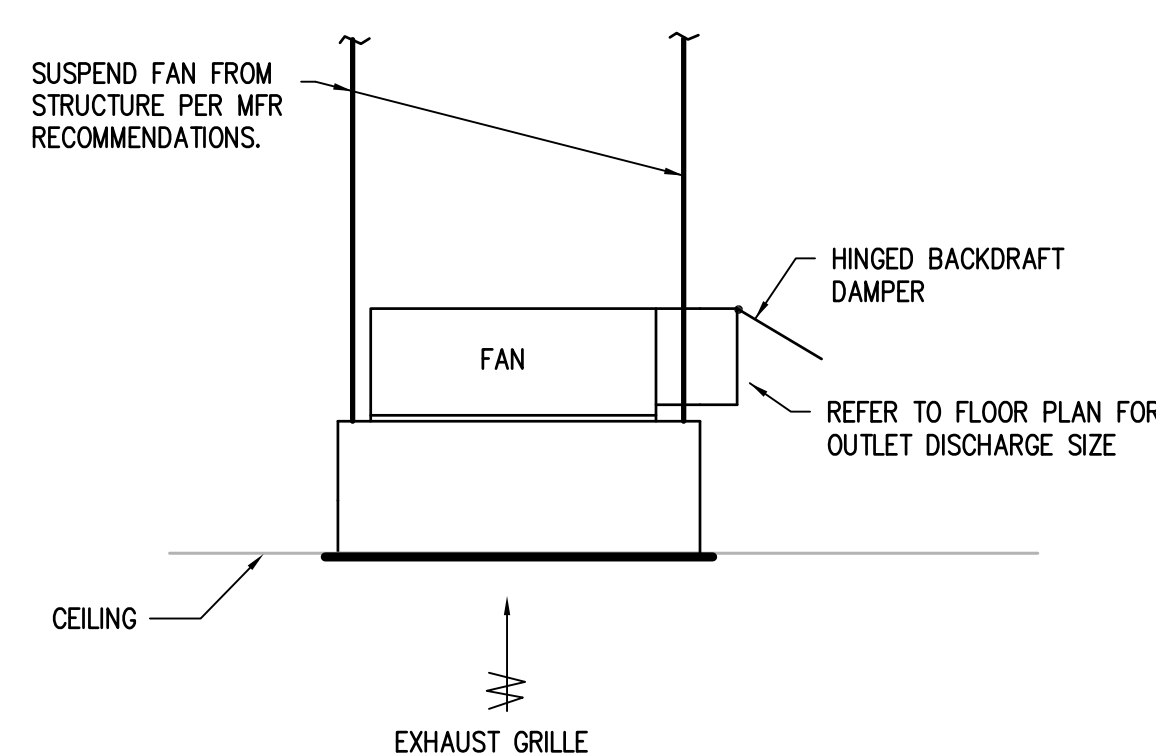
F SUPPORT FOR ROOF MOUNTED PIPE
NO SCALE



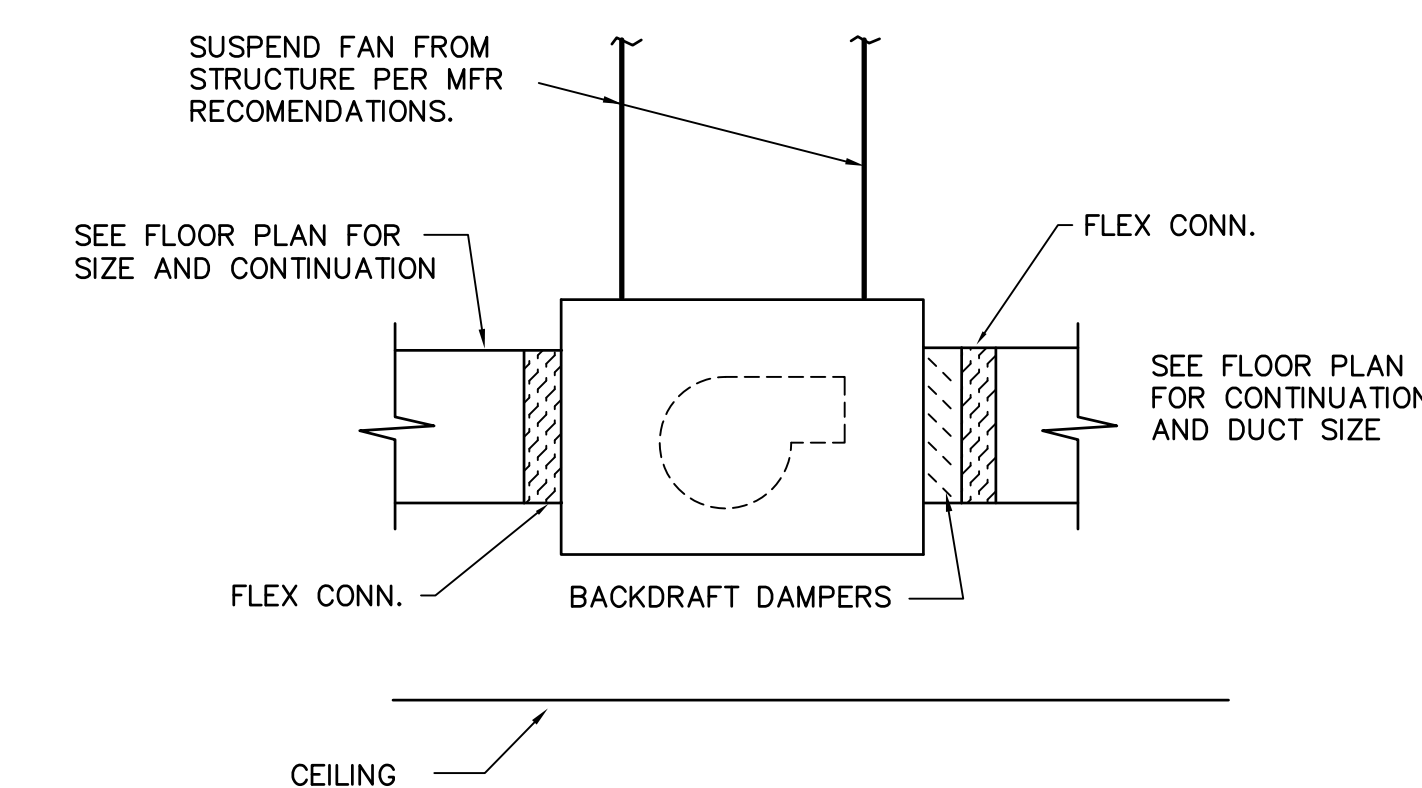
G PIPE FLASHING DETAIL
NO SCALE



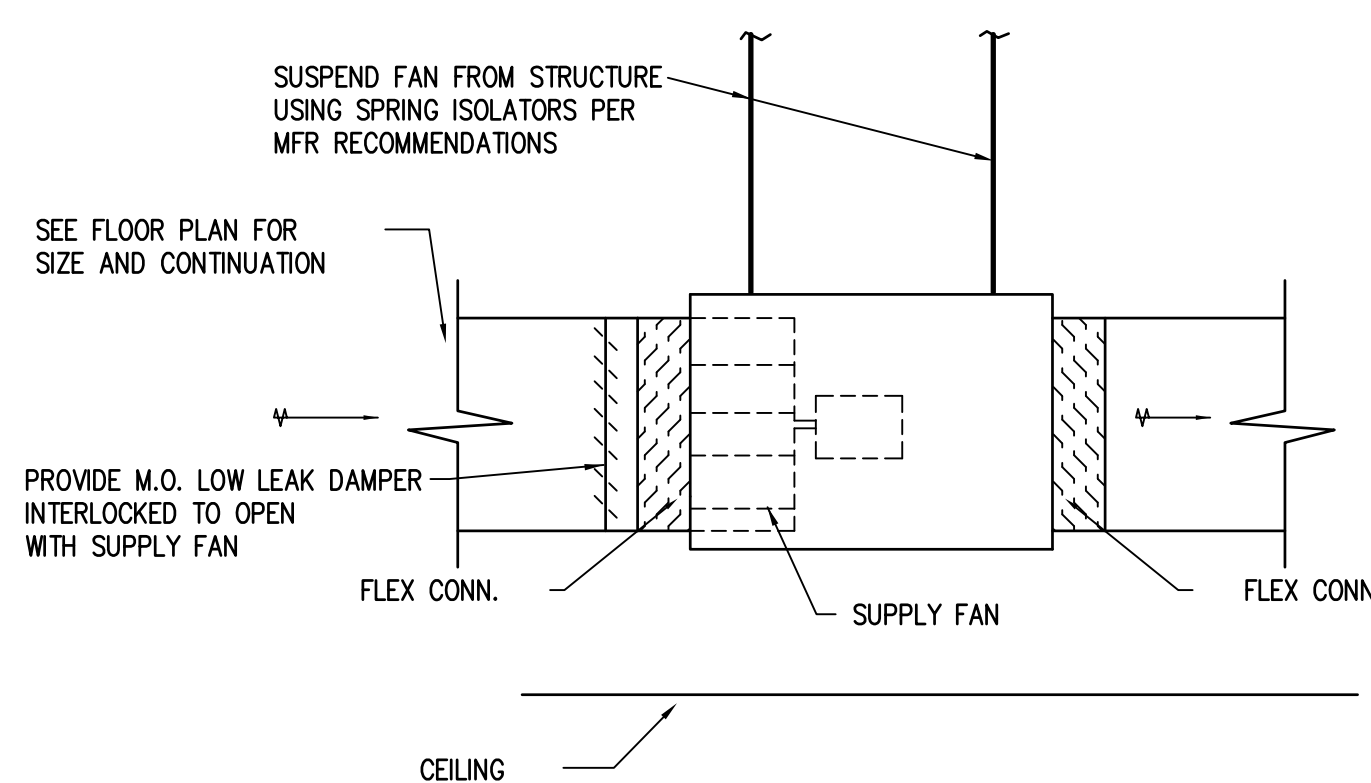
H TYPICAL ROOF TOP UNIT DETAIL
NO SCALE



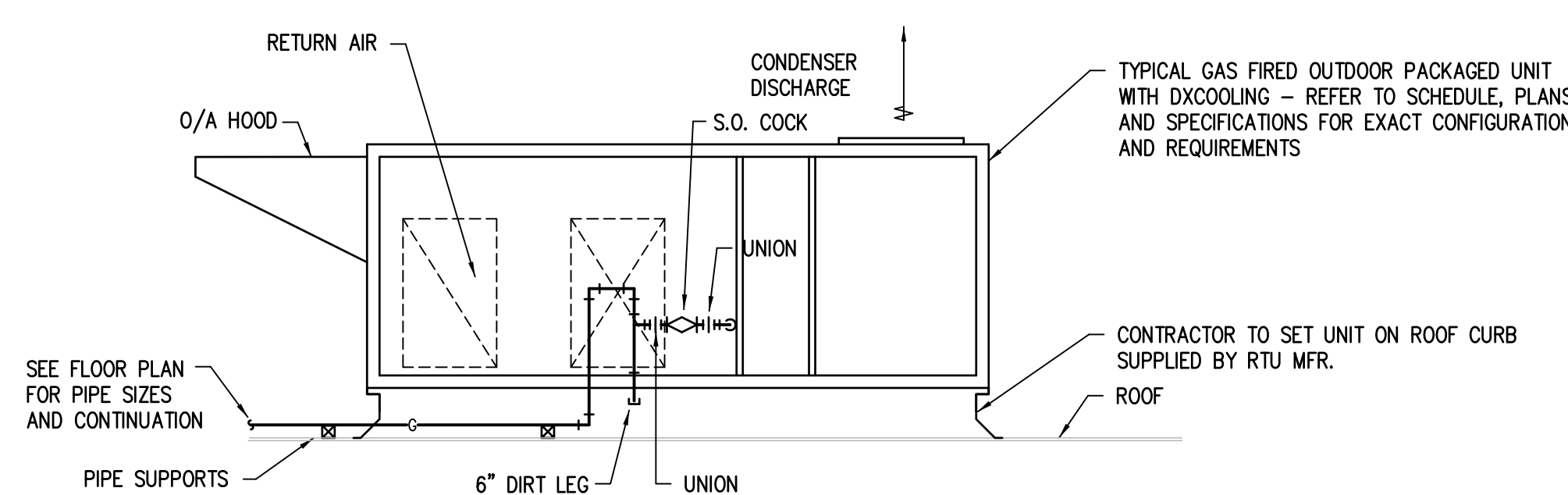
I IN-LINE EXHAUST FAN WITH GRILLE DETAIL
NO SCALE



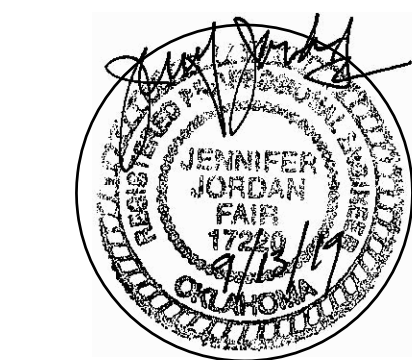
J IN-LINE EXHAUST FAN DETAIL
NO SCALE



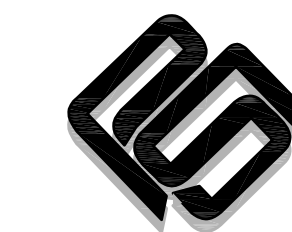
K IN-LINE SUPPLY FAN DETAIL
NO SCALE



L TYPICAL HORIZONTAL DISCHARGE ROOFTOP UNIT DETAIL
NO SCALE



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PSA CONSULTING ENGINEERS, INC.
3031 N.W. 64TH STREET SUITE 101
OKLAHOMA CITY, OKLAHOMA 73116
(405) 840-1901 FAX (405) 840-1916
COA # 390 - RENEWAL DATE 6/30/2021

JUNIOR HIGH
SHELTER
ADDITION

PRYOR PUBLIC
SCHOOLS
PRYOR, OK
2019

PROJECT

KEY PLAN

REVISIONS

09.17.19

ISSUE DATE

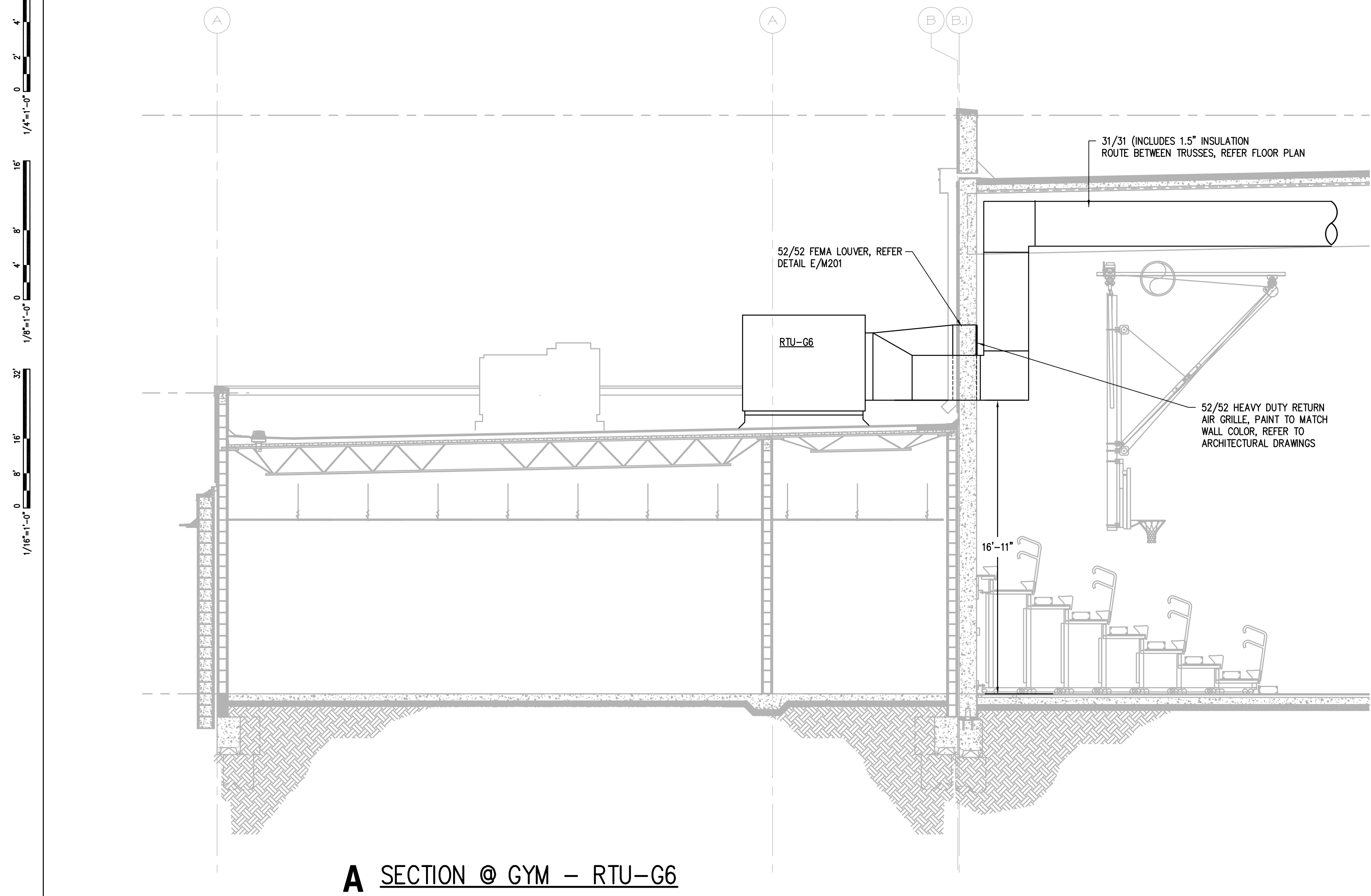
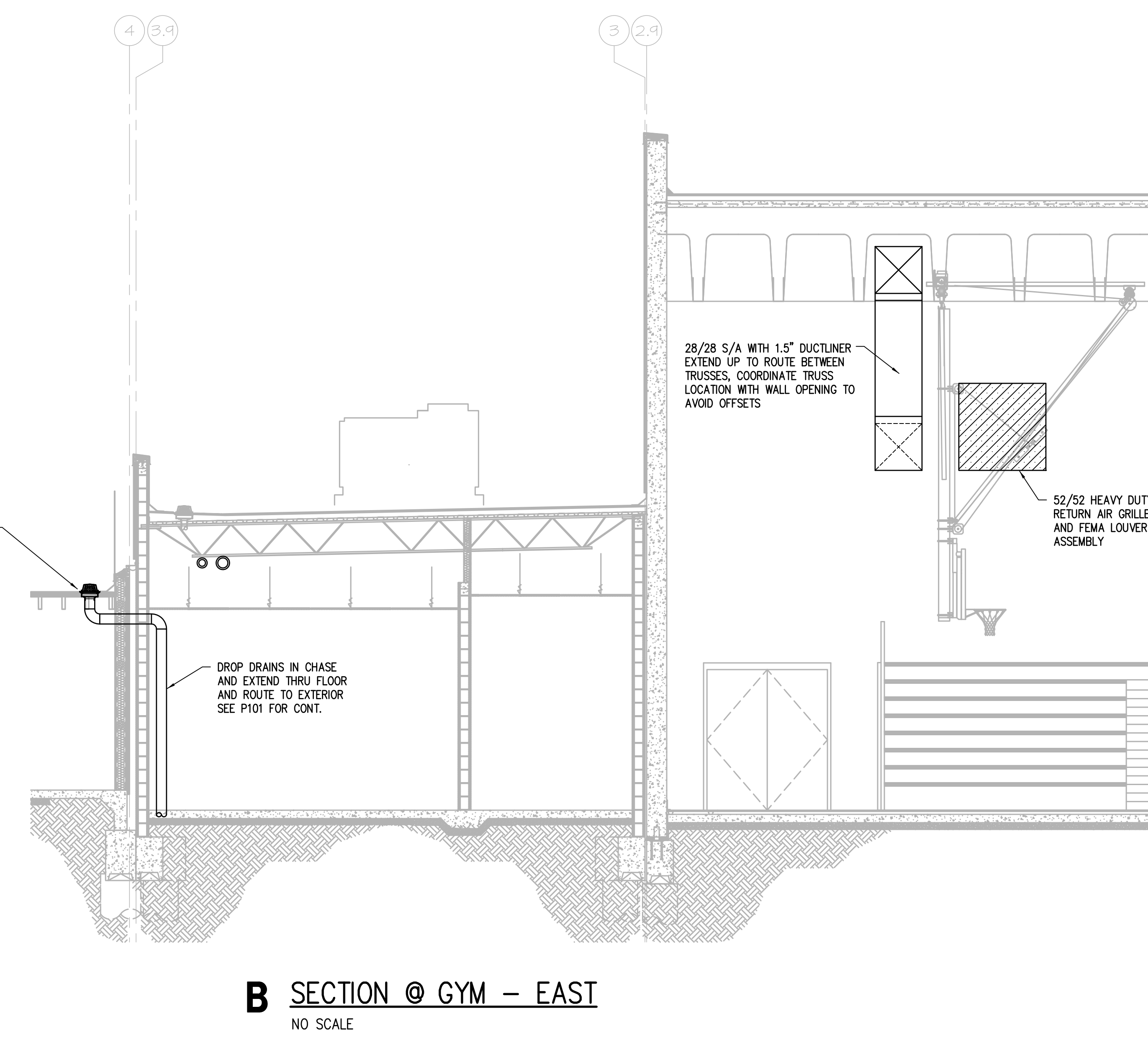
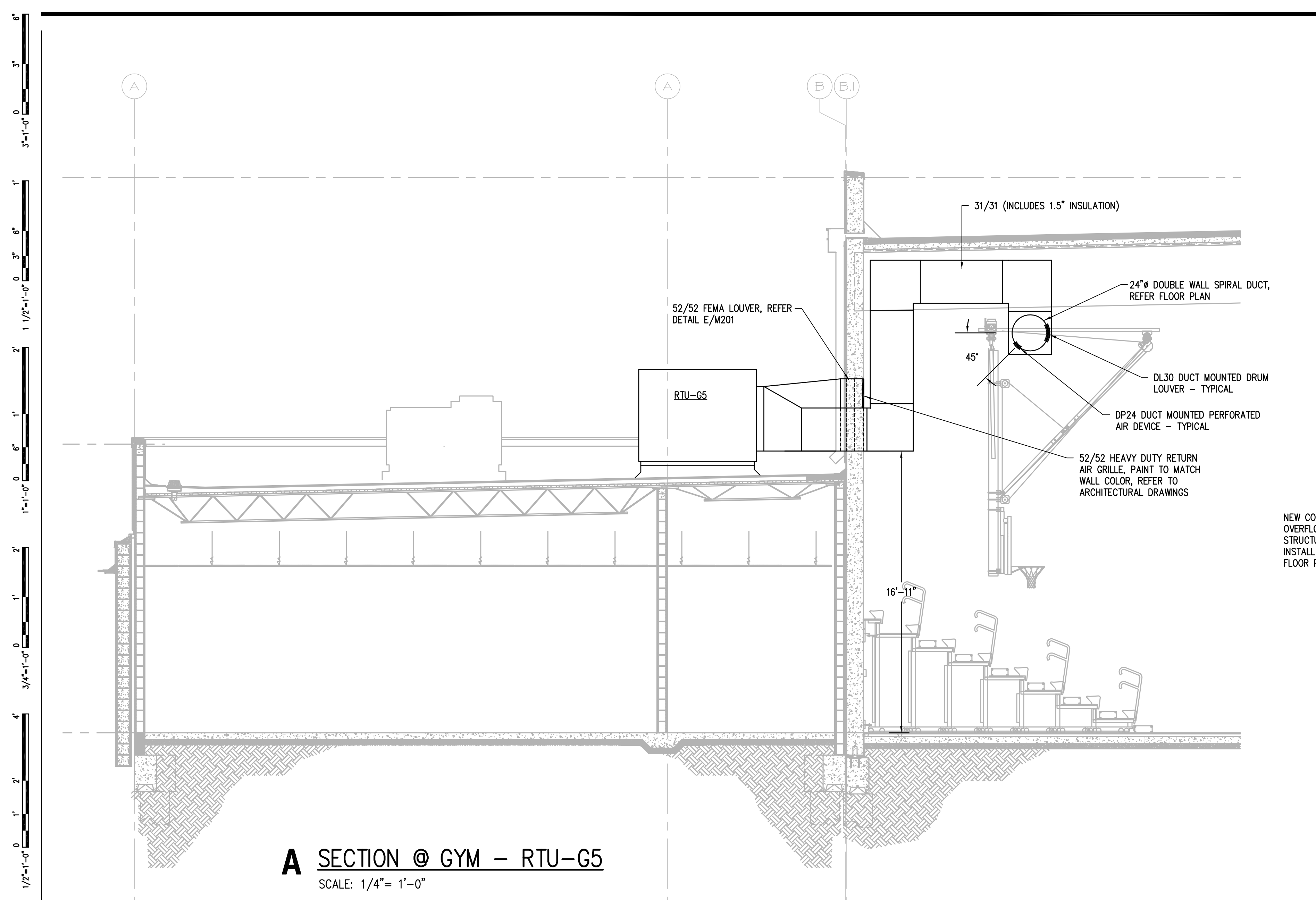
DATE PROJECT NO
DESIGNER
DRAWN BY
CHECKED BY

MECHANICAL
DETAILS

M202

SHEET TITLE

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1/16" = 1'-0"
1/8" = 1'-0"
1/4" = 1'-0"
1/2" = 1'-0"
3/4" = 1'-0"
1" = 1'-0"
1 1/2" = 1'-0"
2" = 1'-0"
3" = 1'-0"
4" = 1'-0"
6" = 1'-0"
8" = 1'-0"
12" = 1'-0"
18" = 1'-0"
24" = 1'-0"
36" = 1'-0"
48" = 1'-0"
60" = 1'-0"
72" = 1'-0"
84" = 1'-0"
96" = 1'-0"
108" = 1'-0"
120" = 1'-0"

