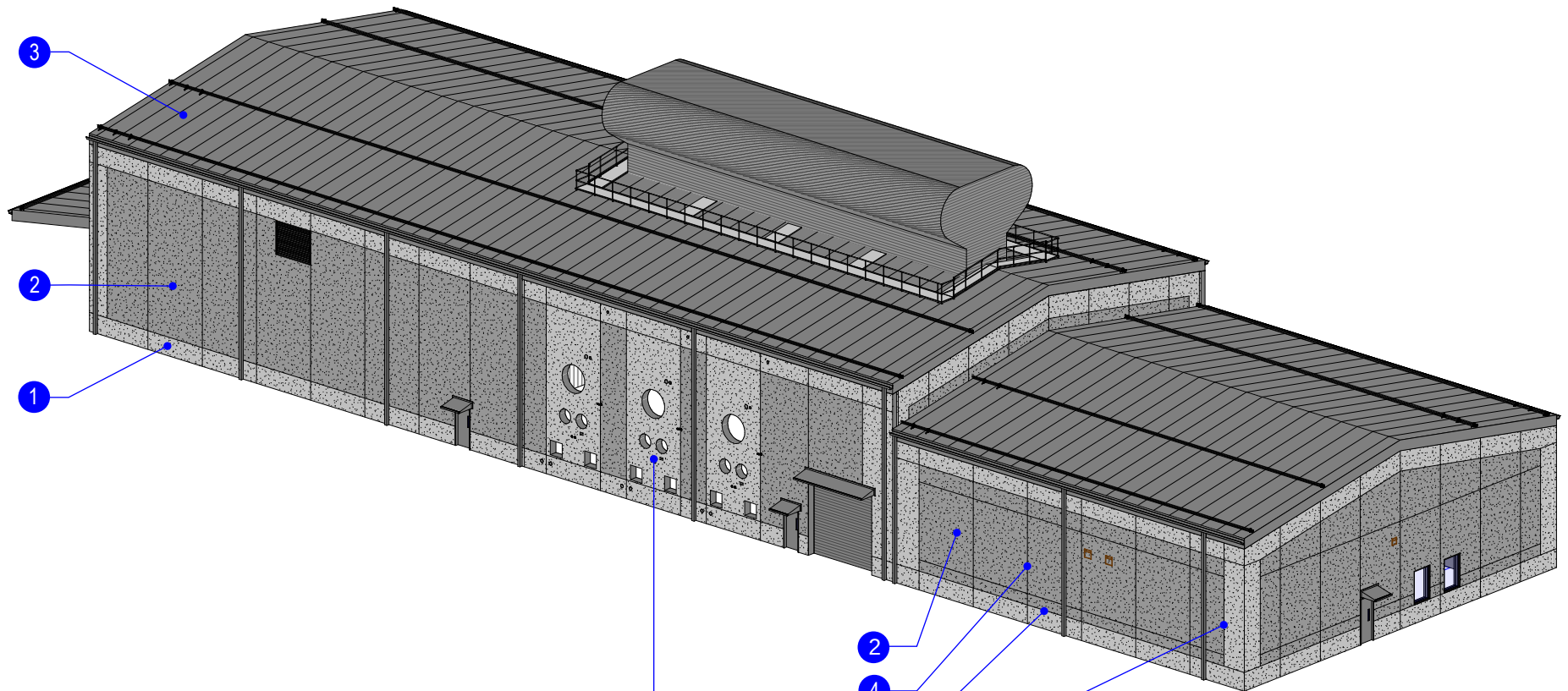
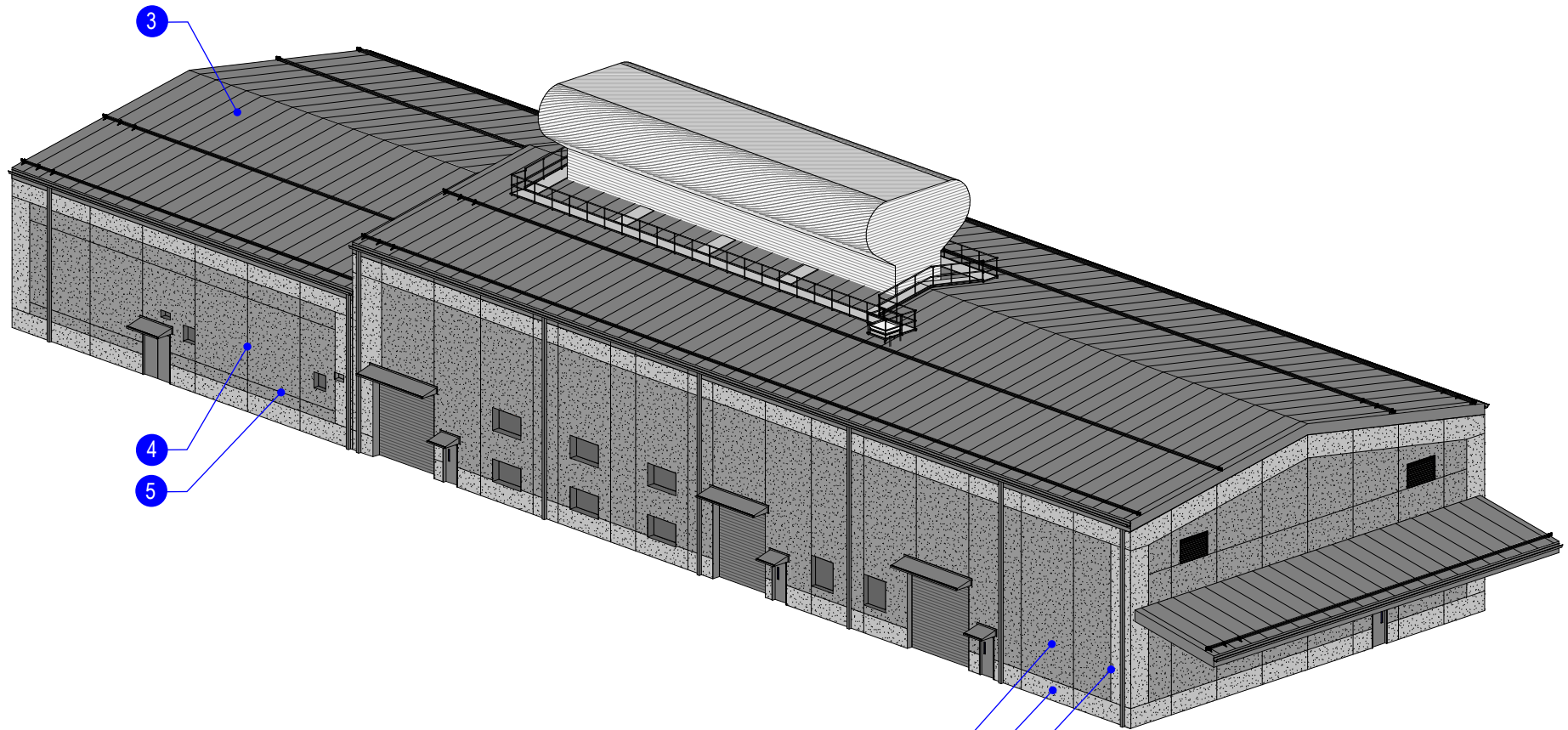




- 1 SMOOTH CONCRETE FINISH (MAX 4' WIDE U.N.O)
- 2 FLAT EXPOSED AGGREGATE CONCRETE FINISH
- 3 GRAY METAL PANEL ROOF
- 4 3/4" VERTICAL PANEL JOINTS
- 5 3/8" HORIZONTAL REVEALS
- 6 3/8" VERTICAL REVEALS AT PANEL CORNERS

NOTE: PANELS WITH MAJOR PENETRATIONS WILL BE LEFT SMOOTH TO ACHIEVE A QUALITY WATER SEAL. THESE PANELS WILL NOT BE VISIBLE DUE TO EQUIPMENT IMMEDIATELY ADJACENT TO THE BUILDING (NOT SHOWN).



- 1 SMOOTH CONCRETE FINISH (MAX 4' WIDE U.N.O)
- 2 FLAT EXPOSED AGGREGATE CONCRETE FINISH
- 3 GRAY METAL PANEL ROOF
- 4 3/4" VERTICAL PANEL JOINTS
- 5 3/8" HORIZONTAL REVEALS
- 6 3/8" VERTICAL REVEALS AT PANEL CORNERS

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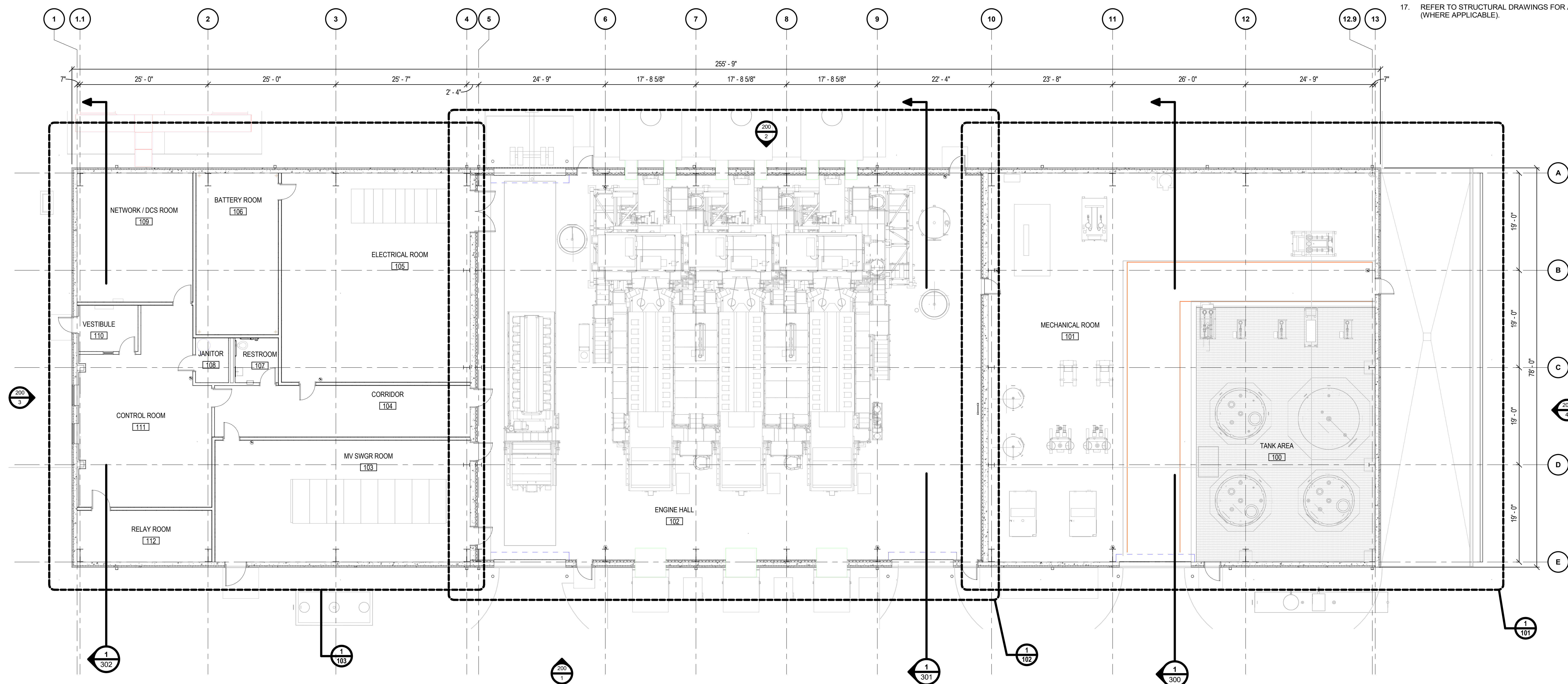
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- GENERAL FLOOR PLAN NOTES:**

1. FOR ARCHITECTURAL GENERAL NOTES, MATERIAL LEGEND, AND ABBREVIATIONS REFER TO SHEET 05-296925-002.
2. REFERENCE LIFE SAFETY DRAWINGS FOR FIRE RATED WALL LOCATIONS. ALL FIRE RATED WALLS AND SMOKE PARTITIONS ARE CONTINUOUS ACROSS ALL DOOR OPENINGS.
3. FOR PARTITION TYPES CONSTRUCTION AND DESCRIPTION REFER TO PARTITION TYPES SHEET.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE BEGINNING WORK AND FABRICATION. THE COMPANY SHALL BE NOTIFIED IN WRITING IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES. IN NO CASE SHALL DIMENSIONS BE SCALED OFF PLANS, SECTIONS, OR DETAILS FROM THESE DRAWINGS.
5. FOR DIMENSIONS OR ADDITIONAL INFORMATION NOT ILLUSTRATED, REFER TO LARGER SCALE DRAWINGS.
6. DOOR LOCATIONS NOT DIMENSIONED ARE 6 INCHES FROM FACE OF GYPSUM BOARD FINISH WALL TO DOOR JAMB FACE. VERIFY THERE IS A PULL SIDE HINGE 18 INCHES CLEAR FROM DOOR STRIKE TO INTERSECTING WALL FOR ADA COMPLIANCE. NOTIFY COMPANY FOR NON-COMPLIANCE BEFORE SETTING DOOR FRAME AND WALL LOCATIONS.
7. REFER TO FINISH SCHEDULE AND/OR FINISH PLANS FOR ADDITIONAL FINISH INFORMATION. ALL FLOOR FINISHES TO BE CONTINUOUS UNDER MILLWORK AND EQUIPMENT UNLESS NOTED OTHERWISE.
8. PROVIDE 18GA METAL PLATE OR FIRE TREATED WOOD BLOCKING IN STUD PARTITIONS FOR WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO): TOILET FIXTURES, ACCESSORIES, EQUIPMENT, FIRE EXTINGUISHERS, ETC.
9. REFER TO SPECIFICATIONS FOR LOCATIONS OF GYPSUM BOARD CONTROL JOINTS.
10. REFERENCE ELEVATIONS FOR ROUGH OPENINGS IN CAST-IN-PLACE CONCRETE WALLS. PRECAST CONTRACTOR TO COORDINATE FINAL SIZES, LOCATIONS, AND QUANTITIES AS REFLECTED IN THEIR DETAILED DESIGN.
11. REFERENCE THE REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
12. ALL DIMENSIONS ARE FROM: COLUMN GRID LINE, FINISH FACE OF METAL STUD WALL, AND FACE OF PRECAST CONCRETE WALL PANEL, UNLESS NOTED OTHERWISE.
13. REFER TO CIVIL DRAWINGS FOR BUILDING TOP OF SLAB ELEVATIONS, CIVIL TOP OF SLAB ELEVATIONS EQUAL 100'-0" FOR THE ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE.
14. PROVIDE GYPSUM BOARD HEADER ABOVE ALL CASED OPENINGS WHERE APPLICABLE, REFERENCE REFLECTED CEILING PLANS.
15. REFERENCE FLOOR PLANS AND INTERIOR ELEVATIONS FOR LOCATIONS OF WALL ACCESSORIES. PROVIDE BLOCKING AS REQUIRED IN METAL STUD PARTITION WALLS.
16. SEE SPECIFICATION SECTION 41 22 00 FOR UNDERHUNG BRIDGE CRANE REQUIREMENTS IN ENGINE HALL.
17. REFER TO STRUCTURAL DRAWINGS FOR ANCILLARY STEEL INFORMATION (WHERE APPLICABLE).



PLAN

OVERALL GROUND FLOOR
PLAN

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ISSUED FOR
CONSTRUCTION



REVISION												ZONE	DATE	BY	CHK	ENG	NO	REVISION												ZONE	DATE	BY	CHK	ENG		
0	ISSUED FOR BID											-	06/02/23	MAH	NAC	MAH																				
1	ISSUED FOR CONSTRUCTION											-	10/05/23	MAH	NAC	MAH																				

REFERENCE DRAWINGS			
DWG NO.	MANUFACTURER	DESCRIPTION	



Xcel Energy
NORTHERN STATES POWER COMPANY
BLUE LAKE GENERATING STATION
SHAWGEE, MINNESOTA

DWN: NAC	DATE: 06/02/2023	CHK: NAC	DATE: 06/02/2023
ENG: MH	DATE: 06/02/2023	CHK: RB	DATE: 06/02/2023
PM: RDV	DATE: 06/02/2023	PROJ. NO:	NEL-24571
MP/R: NAC	DATE: 06/02/2023	SCALE:	AS SHOWN

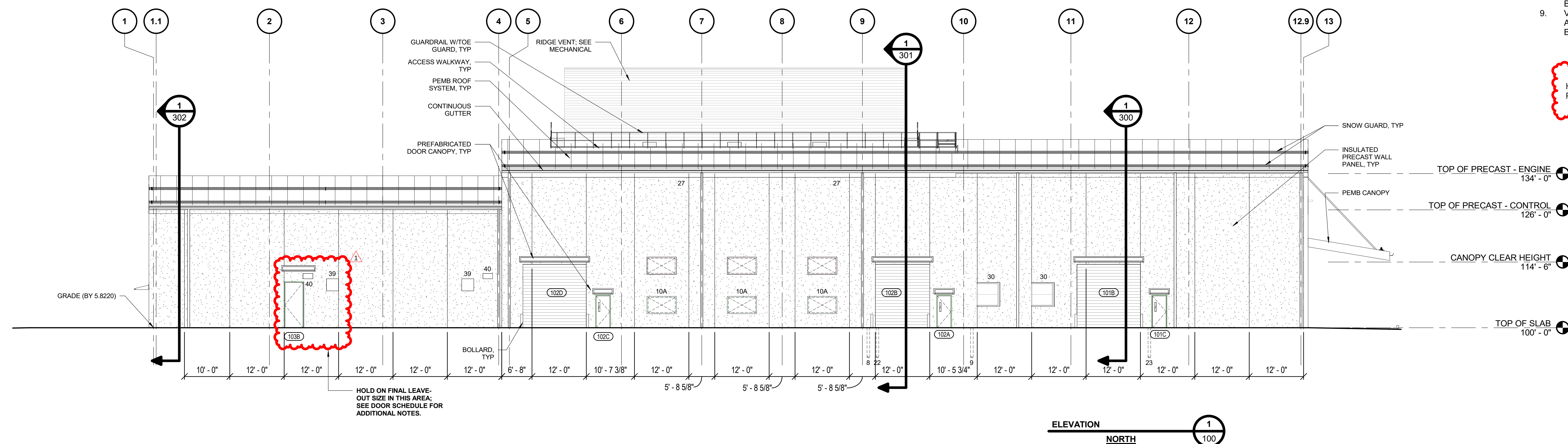
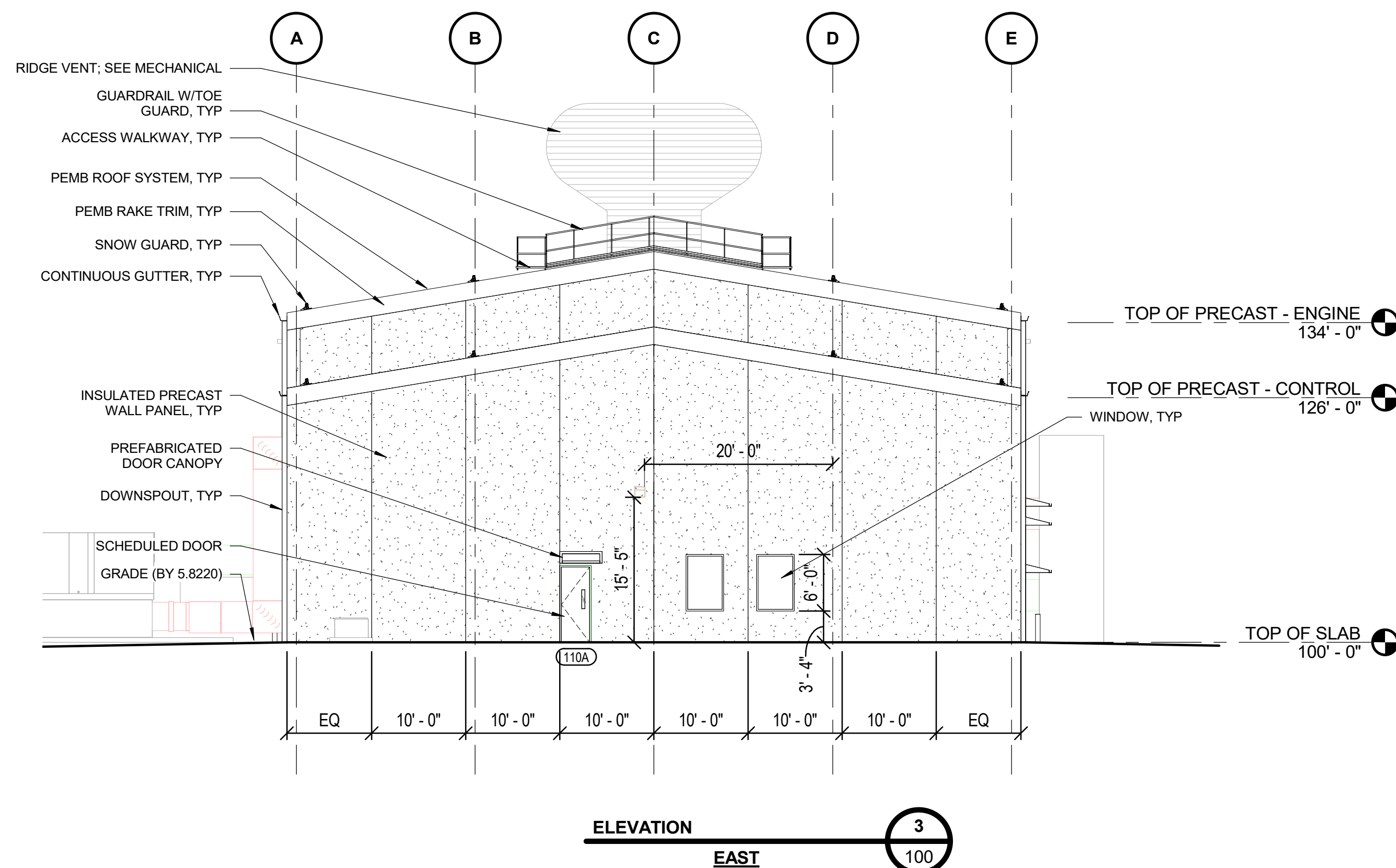
BURNS & MCDONNELL
BURNS & MCDONNELL
A LSC COMPANY

THIS DOCUMENT IS A TOOL TO ASSIST EMPLOYEES IN THE PERFORMANCE OF THEIR JOBS. YOUR PERSONAL SAFETY IS PROVIDED FOR BY USING SAFETY PRACTICES, PROCEDURES, AND EQUIPMENT AS DESCRIBED IN THE SAFETY TRAINING PROGRAMS AND MANUALS.

UNIT 98
RICE BUILDING
OVERALL

FLOOR PLAN

NF-296925-100



- ### GENERAL NOTES - EXTERIOR ELEVATIONS:
1. COORDINATE PRECAST ROUGHINGS/OPENINGS FOR ALL WALL MOUNTED ITEMS AND WALL PENETRATIONS, INCLUDING (BUT NOT LIMITED TO); LIGHT FIXTURES, SECURITY CAMERAS, ACCESS CONTROL, CONDUIT PENETRATIONS, DUCTWORK PENETRATIONS, EQUIPMENT PENETRATIONS, ETC.
 2. COORDINATE LOCATION(S) OF PRECAST LEAVE-OUT PANELS WHERE REQUIRED FOR INSTALLATION OF INTERIOR EQUIPMENT.
 3. PRECAST PANEL JOINT LOCATIONS SHOWN FOR DESIGN INTENT, PRECAST CONTRACTOR MAY ADJUST JOINT LOCATIONS TO OPTIMIZE EFFICIENCY PROVIDED ADJUSTMENTS DO NOT ALTER ANY CRITICAL EQUIPMENT INTERFACES OR CREATE ANY LIFE SAFETY OR ASH CONFLICTS.
 4. COORDINATE INTERFACE OF PEMBS TO PRECAST INTERFACES INCLUDING, BUT NOT LIMITED TO: CANOPY ATTACHMENT/FLASHING, PEMB ROOF SYSTEM TO PRECAST, ETC.
 5. COORDINATE ANCHORAGE OF PREFABRICATED DOOR CANOPIES WITH PRECAST.
 6. ENGINE ENTRANCE LOCATION, SECONDARY STEEL GIRTS, WALL PANELS, AND EQUIPMENT TO BE LEFT OFF THE RS SIDE WALL AS THIS IS REQUIRED FOR ENGINE INSTALLATION. MINIMUM CLEAR HEIGHT REQUIRED IS 22'-0" A.F.F. A TEMPORARY WALL SHALL BE ERECTED AND AFTER ENGINES ARE INSTALLED, CONTRACTOR SHALL RETURN AS REQUIRED TO COMPLETE FINAL PROJECT CONSTRUCTION.
 7. SEE STRUCTURAL DRAWINGS FOR EMBED PLATE DETAILS AND LOADING.

- LEGEND - EMBED PLATES**
- A. VENT PIPE
B. FUEL GAS

- LEGEND - MECHANICAL PENETRATIONS:**

- | | |
|-----|---|
| 1 | 3" LUBE OIL UNLOADING |
| 2 | 3" UREA UNLOADING |
| 3 | 8" FUEL OIL UNLOADING |
| 4 | 3" USED OIL DISPOSAL |
| 5 | NOT USED |
| 6 | 1" IA TO FG SKID AND SOUTH WENTS |
| 7 | 2" SAFETY SHOWER CONNECTION |
| 8 | 10" FIRE PROTECTION SPRINKLER CONNECTION |
| 9 | 2" DOMESTIC WATER CONNECTION |
| 10 | 48" X 42" THROUGH WALL DUCT W/INSULATION |
| 10A | 75" X 42" THROUGH WALL DUCT W/INSULATION (UPPER) |
| 10A | 75" X 43" THROUGH WALL DUCT W/INSULATION (LOWER) |
| 12 | 52" EXHAUST |
| 13 | 24" INLET AIR DUCTS |
| 14 | 3/8" FUEL GAS ANALYZER |
| 15 | 5/8" OR 1" COMPACT GAS RAMP VENTS
(SEE PENETRATION NOTE 9) |
| 16 | 3" EXHAUST GAS VENTS |
| 17 | 6" FUEL OIL FROM UNLOADING TO STORAGE |
| 18 | NOT USED |
| 19 | 3" FUEL OIL FROM STORAGE TO RICE LFO FEEDER |
| 20 | NOT USED |
| 21 | 6" COOLING WATER TO AND FROM AIR COOLERS |
| 22 | 6" OIL DRAINS HEADER |
| 23 | 4" TAP DRAIN TO OILY DRAINS HEADER |
| 24 | 4" FUEL GAS STUB |
| 25 | 4" SANITARY DRAIN TO LEACH FIELD |
| 26 | 14" X 14" LOUVER |
| 27 | 5" FLUE |
| 28 | 96" X 70" LOUVER |
| 29 | 72" X 48" LOUVER |
| 30 | NOMINAL 64" X 64" FAN |
| 31 | 18" X 18" LOUVER |
| 32 | THROUGH WALL DUCT W/INSULATION |
| 33 | 28" X 33" LV SWITCHGEAR ARC PLENUM |
| 34 | 26" X 14" LV SWITCHGEAR CABLE BUS |
| 35 | 2" POTABLE WATER (SAFETY SHOWER) |
| 36 | 2" SPARE |
| 37 | 3" EXHAUST GAS SCR CONTROL LINE |
| 38 | 6" SPARE |
| 39 | 32" X 32" SWITCHGEAR ARC PLENUM |
| 40 | 26" X 14" SWITCHGEAR CABLE BUS |

- PENETRATION NOTES:**
1. PENETRATION LOCATIONS ARE SHOWN FOR PURPOSES OF BIDDING.
 2. PENETRATION SIZES AND DUCT SIZES NOTED ARE PRELIMINARY AND APPROXIMATE.
 3. PRECAST CONTRACTOR SHALL COORDINATE FINAL PENETRATION SIZES/LOCATIONS/QUANTITIES WITH APPROVED EQUIPMENT SUBMITTALS AND HVAC DUCT SIZES.
 4. PRECAST CONTRACTOR SHALL SIZE ROUGH OPENINGS APPROPRIATELY TO ACCOMMODATE PENETRATIONS AND ASSOCIATED INSULATION, WATERPROOFING, AND FLASHING.
 5. REFER TO TYPICAL DETAILS FOR PENETRATION SEALING/FLASHING REQUIREMENTS.
 6. BELOW-GRADE PENETRATIONS SHOWN ON THE ELEVATIONS SHALL STUB UP INSIDE THE BUILDING. WORK PERFORMED BY S.5220 CONTRACTOR.
 7. FUEL GAS (8" CARBON ON STEEL) HEADER SUPPORTED OFF BUILDING EXTERIOR.
 8. VENTS (2" CARBON STEEL X (2) PIPES) WILL TURN VERTICAL AND BE SUPPORTED OFF BUILDING EXTERIOR UP TO BUILDING EAVE.
 9. VENTS (11" CARBON STEEL X (2) PIPES) WILL TURN VERTICAL AND BE SUPPORTED OFF BUILDING EXTERIOR UP TO BUILDING EAVE.

HOLD NOTE: HOLD ON FINAL PRECAST ACCENT PATTERNING AND EXTENTS.

ISSUED FOR
CONSTRUCTION

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