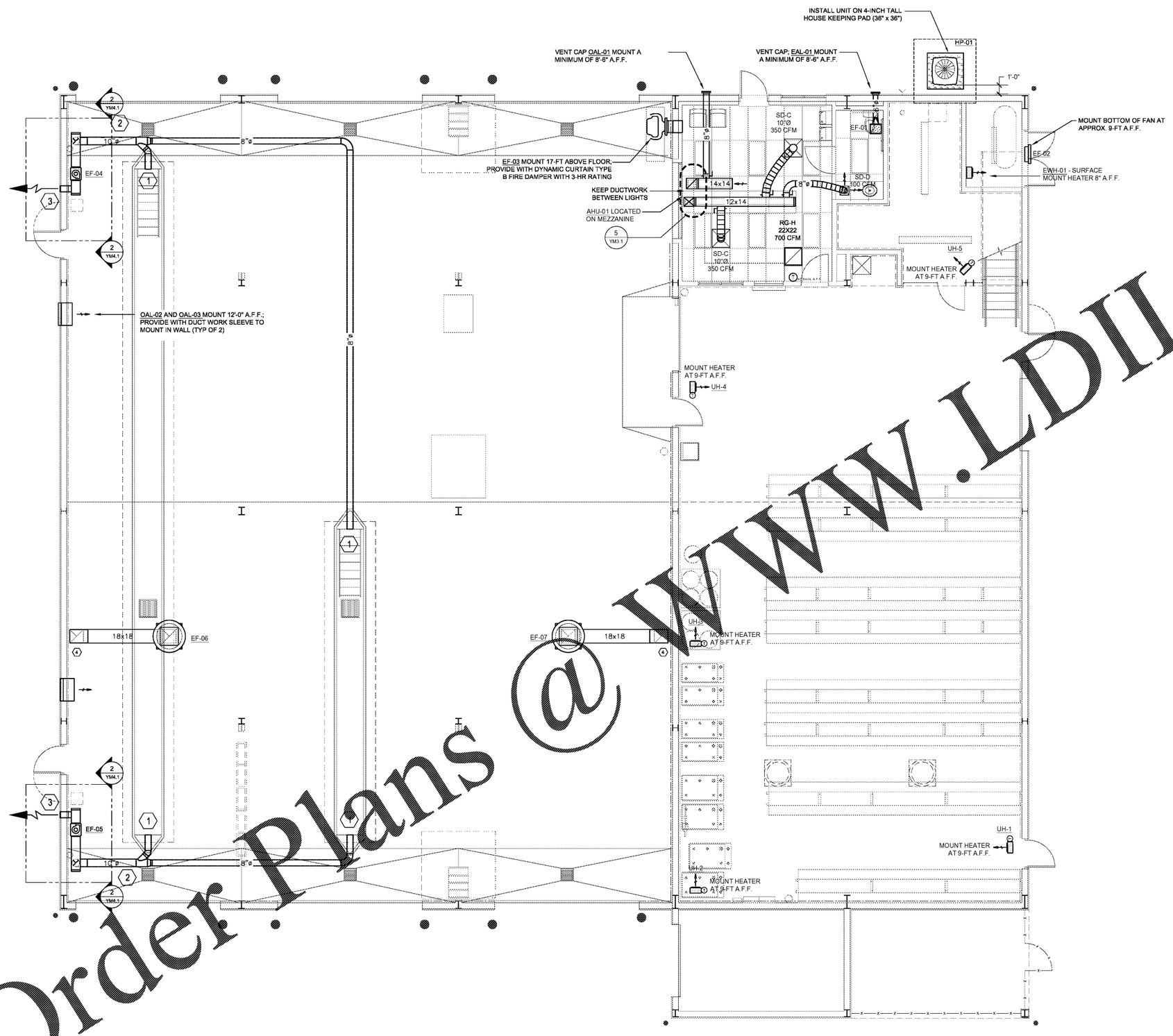

MECHANICAL GENERAL NOTES:

1. ALL MECHANICAL HVAC AND PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE BASE BUILDING SPECIFICATION AND WITH THE LATEST EDITION OF THE PREVAILING STATE MECHANICAL, PLUMBING AND BUILDING CODES AS WELL AS ALL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
2. COORDINATE EXACT LOCATIONS OF AIR DISTRIBUTION DEVICES WITH CEILING AND LIGHT FIXTURE LAYOUT - VERIFY WITH ARCHITECT.
3. ALL RECTANGULAR SUPPLY DUCTS ELBOWS SHALL HAVE DOUBLE THICKNESS TURNING VANES.
4. ALL AIR CONDITIONING DUCTWORK SHALL BE SMACNA 1" PRESSURE CLASSIFICATION WITH SEAL CLASS 'A'.
5. RECTANGULAR DUCT SIZES SHOWN INDICATE NET CLEAR AIRFLOW SIZES. SHEETMETAL CONTRACTOR SHALL INCREASE SIZES TO ALLOW FOR 1.5-INCH THICK LINER EQUIVALENT TO KNAUF TYPE 'AM' - MINIMUM R-VALUE 6.0.
6. COORDINATE ROUTING OF DUCTWORK WITHIN STRUCTURE WITH THE LOCATION OF STRUCTURAL STEEL BEAMS.
7. ALL ROUND AIR CONDITIONING DUCTWORK SHALL HAVE 2-INCH THICK EXTERIOR DUCT WRAP CONSISTING OF A FIBERGLASS BLANKET WITH FACTORY APPLIED VAPOR BARRIER FACING AND HAVING A MINIMUM R-VALUE OF 5.6, UNLESS NOTED OTHERWISE.
8. UNLESS DIMENSIONED, THE WORK SHOWN ON THE CONTRACT DRAWINGS IS DIAGRAMMATIC, ILLUSTRATING THE GENERAL ARRANGEMENT. CONTRACTOR SHALL ADHERE TO ARRANGEMENT SHOWN AS CLOSELY AS THE ACTUAL CONSTRUCTION WILL PERMIT.
9. CONTRACTOR SHALL VERIFY EXACT EQUIPMENT DIMENSIONS, CLEARANCES, AND FIELD DIMENSIONS RELATIVE TO LOCATIONS OF STRUCTURAL FRAMING. CHANGES REQUIRED IN ROUTING OR SIZES OF DUCTWORK TO MAKE WORK SHOWN CONFORM TO PROJECT REQUIREMENTS RESULTING FROM FIELD COORDINATION PROBLEMS SHALL BE IDENTIFIED, ILLUSTRATED, AND SUBMITTED TO THE ENGINEER FOR PRIOR REVIEW AND APPROVAL BEFORE INSTALLATION.
10. SLEEVE REFRIGERANT LINES THROUGH EXTERIOR WALL AND SEAL WITH MINERAL WOOL AND CAULKING.

ⓧ SHEET KEYNOTES

1. 8"Ø PVC VENT STUB OUT WITH BOTTOM OF VENT 12" A.F.F. - EXHAUST GRILLE IN LUBE PIT AREA TYPE "N" SEE SCHEDULE; LOCATE GRILLE FLUSH WITH WALL CENTERED ON PVC VENT.
2. PIT AREA VENTILATION SYSTEM DUCTWORK; PROVIDE AND INSTALL PVC ROUND DUCTWORK UNDERSLAB AS INDICATED. COORDINATE DUCTWORK WITH UNDERGROUND PIPING AND FOOTINGS, SLOPE DUCTWORK BACK TO LUBE PITS.
3. HOODED WALL CAP FIELD PAINTED TO MATCH BUILDING EXTERIOR AT 18-FT ABOVE GRADE.
4. ROUTE EXHAUST DUCTWORK AS HIGH AS POSSOBILE AND DOWN SECURED TO WALL AND TERMINATE BOTTOM OF DUCT 6-INCHES A.F.F. - COVER DUCT OPENING WITH ½" x ½" HARDWARE CLOTH.

1 YM1.1 HVAC FLOOR PLAN
SCALE: 3/16" = 1'-0"

NORTH

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