

GENERAL NOTES

- A STRUCTURAL REFERENCE ELEVATIONS = 0'-0" WHICH IS THE TOP OF FINISHED SLAB ELEVATION FOR LEVEL 1. VERIFY WITH CIVIL DRAWINGS/EXISTING DRAWINGS. ALL ELEVATIONS NOTED ON PLANS ARE WITH RESPECT TO REFERENCE DATUM ELEVATION/EXISTING INFORMATION UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE SITE AND LOCAL CONDITIONS.
- B THE ARCHITECT FURNISHES ALL ELEVATIONS AND DIMENSIONS. RESOLVE ANY DISCREPANCY WITH ARCHITECT. NOTIFY KIMLEY-HORN THROUGH ARCHITECT OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THIS DRAWING.
- C COORDINATE SLAB DEPRESSIONS FOR FLOOR FINISHES AND SLOPES WITH ARCHITECTURAL DRAWINGS.
- D ALL OPENINGS THROUGH FLOORS, WALLS OR ROOF ARE NOT SHOWN ON PLANS. COORDINATE ALL OPENING LOCATIONS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. COORDINATE ADDITIONAL FRAMING REQUIREMENTS OR REINFORCING WITH TYPICAL DETAILS.
- E REFER TO SHEETS S-001 THRU S-004 FOR GENERAL STRUCTURAL NOTES, ABBREVIATIONS, LEGENDS, AND SPECIAL INSPECTION REQUIREMENTS
- F REFER TO SHEETS S-005 THRU S-010 FOR TYPICAL DETAILS. TYPICAL DETAILS APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED. TYPICAL DETAILS ARE NOT NOTED AT EACH LOCATION AT WHICH THEY ARE APPLICABLE.
- G SLAB ON GROUND IS A STRUCTURAL SLAB AND SHALL NOT BE CUT WITHOUT WRITTEN PERMISSION FROM STRUCTURAL ENGINEER

KEYED NOTES

- 201 PROVIDE JOIST BRIDGING AT 6'-0" O.C. MAXIMUM ALONG JOIST LENGTH WITH SOLID BLOCKING AT 10'-0" O.C. MAXIMUM PER TYPICAL DETAIL 82 / S-010.
- 202 PROVIDE JOIST BRIDGING AT 6'-0" O.C. MAXIMUM ALONG JOIST LENGTH WITH SOLID BLOCKING AT 10'-0" O.C. MAXIMUM PER TYPICAL DETAIL 83 / S-010.
- 203 15/32" PLYWOOD ROOF SHEATHING.
- 204 STEEL BEAM MASONRY LINTEL PER SCHEDULE AND TYPICAL DETAILS - BOTTOM OF STEEL = 8'-8".
- 205 PROVIDE 362T125-43 COLD-FORMED STEEL BLOCKING MINIMUM AT ALL EDGES OF PLYWOOD SHEATHING WITH #10 SCREWS AT 6" O.C. FIELD AND 4" O.C. AT ALL EDGES AND DIAPHRAGM BOUNDARIES IN HATCHED AREA.
- 206 SKYLIGHT OPENING. COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL. PROVIDE DOUBLE JOIST EACH SIDE OF OPENING. PROVIDE SIMPSON SJC8.25 CONNECTORS WITH MINIMUM SCREWS FOR ALL STEEL JOIST TO JOIST CONNECTIONS.
- 207 SOLAR ARRAY PER ARCHITECTURAL AND ELECTRICAL.
- 208 ROOF ACCESS HATCH. COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL. PROVIDE DOUBLE JOIST EACH SIDE OF OPENING. PROVIDE SIMPSON SJC8.25 CONNECTORS WITH MINIMUM SCREWS FOR ALL STEEL JOIST TO STEEL JOIST CONNECTIONS.
- 209 3" X 3" X 3" CLEAR ANODIZED ALUMINUM EGG CRATE SHADING MATERIAL PER ARCHITECTURAL. PROVIDE CONTINUOUS STEEL ANGLE L3X3X1/4 WELDED TO HSS ROOF FRAME FOR SUPPORT OF SHADING MATERIAL.
- 210 PARAPET WALL WITH 800S162-43 COLD-FORMED STUDS AT 24" O.C. ALIGN STUDS WITH COLD-FORMED BLOCKING BELOW AND CONNECT PER DETAIL 209 / S-501.
- 211 PARAPET WALL WITH 800S162-43 COLD-FORMED STUDS AT 24" O.C. CONNECT TO COLD-FORMED JOIST BELOW PER DETAIL 210 / S-501.
- 212 MOMENT FRAME BEAM BRACING PER DETAIL 236X / S-503. NOTE: MOMENT FRAME BEAM BRACING MAY REPLACE JOIST BRIDGING IN THESE AREAS.
- 213 DOUBLE PA18 STRAP PER DETAIL 201 / S-501 AT JOIST THIS LOCATION.
- 214 PROVIDE DOUBLE JOISTS BELOW MECHANICAL UNITS. PROVIDE FRAMING MEMBERS TO MATCH JOIST SIZE AROUND PERIMETER OF MECHANICAL UNIT AND OPENINGS WITH SIMPSON SJC8.25 CONNECTORS WITH MINIMUM SCREWS FOR ALL STEEL JOIST TO JOIST CONNECTIONS.
- 215 SIMPSON CS16 STRAP OVER BLOCKING AND JOIST - EXTEND 2' - 0" MINIMUM BEYOND EDGE OF OPENING.
- 216 TIE BACK ANCHORAGE PER DETAIL 241 / S-504 AT 8'-0" O.C. MAXIMUM. RATED FOR 5,000 LBS (LRFD) LEVEL LOAD IN ANY DIRECTION. PROVIDE DOUBLE JOISTS BACK-TO-BACK AT TIE BACK. LOCATE TIE BACK ANCHORS 4'-0" FROM THE INSIDE FACE OF MASONRY WALL PARAPET.

LINTEL (LT) SCHEDULE

NOTE:

FOR LINTEL TYPE, SEE TYPICAL DETAIL.

MARK	LINTEL TYPE	LINTEL SIZE	REMARKS
LT1	PER DETAIL 49 / S-008	H=16" 2 #5 BOTTOM	-
LT2	PER DETAIL 49 / S-008	H=24" 2 #5 BOTTOM	-
LT3	PER DETAIL 46 / S-008	W12X19 WITH 3/8" X 7 1/2" CONTINUOUS BOTTOM PLATE	-

MECHANICAL EQUIPMENT WEIGHTS

VERIFY ALL SIZE, WEIGHTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL ENGINEER AND ARCHITECT

MARK	EQUIPMENT WEIGHT	REMARKS
A	1,000 LBS	WEIGHT INCLUDES CURB

LEDGER (L) SCHEDULE

MARK	LEDGER SIZE	CONNECTION
L1	4X8	3/4"Ø HEADED ANCHOR ROD AT 24" O.C. (5" EMBED)
L2	4X12	3/4"Ø HEADED ANCHOR ROD AT 24" O.C. (5" EMBED)

