

GENERAL NOTES:

- THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN THESE DRAWINGS AND THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DIMENSIONS, LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE UNDER ALL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DIMENSIONS AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, BRACING, AND OTHER SUPPORTS TO MAINTAIN THE PROPER STRENGTH AND STABILITY OF THE STRUCTURE THROUGHOUT CONSTRUCTION.
- SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS.
- ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

DESIGN LOADS

- BUILDING CODE: IBC 2003. (ASCE 7-05 WHERE NOTED)
- FLOOR LIVE LOADS:
 - FLOOR FINISHES - 100 PSF
 - FLOOR FINISHES & FLOOR SLABS - 80 PSF (U.N.O. ON FLOOR FINISHES)
 - STORAGE, MECHANICAL & ELECTRICAL ROOMS - 125 PSF
 - MECHANICAL ROOMS - 150 PSF
- DEAD LOADS:
 - ACTUAL WEIGHTS OF COMPONENTS PLUS ALLOWANCE FOR MISCELLANEOUS DUCTWORK, SPRINKLER PIPING AND OTHER HUNG ITEMS U.N.O. ON DRAWINGS.
 - TYPICAL FLOOR - 10 PSF
 - MEAN ROOF (DMG SF105) - 20 PSF
 - SNOW LOADS:
 - A. GROUND SNOW LOAD $P_g = 50 \text{ psf}$
 - B. SNOW EXPOSURE FACTOR $C_e = 1.15$
 - C. SNOW LOAD IMPORTANCE FACTOR $I = 1.2$
 - D. THERMAL FACTOR $C_t = 1.0$
 - E. PENETRATION COEFFICIENT $C_d = 1.0$
 - F. SNOW DRIFTING IN ACCORDANCE WITH IBC-2003.
- WIND LOADS:
 - A. BASIC WIND SPEED: 100 mph
 - B. BUILDING CATEGORY: III (IBC 2003)
 - C. WIND EXPOSURE: C
 - D. INTERNAL PRESSURE COEFFICIENT: ± 0.18
 - E. COMPONENTS & CLADDING:
 - DESIGN WIND PRESSURE SHALL BE BASED ON IBC 2003 & FM GLOBAL WIND PRESSURE WILL DEPEND ON COMPONENTS TRIBUTARY WIND AREA.
- SEISMIC LOADS (SEISMIC DESIGN CATEGORY BASED ON ASCE 7-05)
 - BUILDING OCCUPANCY CATEGORY: IV
 - SEISMIC USE GROUP - III (IBC 2003)
 - SEISMIC IMPORTANCE FACTOR $I = 1.50$
 - MAPPED SPECTRAL RESPONSE ACCELERATIONS (ASCE 7-05)
 - $S_s = 0.310$
 - $S_1 = 0.076$
 - SPECTRAL RESPONSE COEFFICIENTS:
 - $S_m = 0.321$
 - $S_{m1} = 0.122$
 - SITE CLASS: D
 - SEISMIC DESIGN CATEGORY: C (ASCE 7-05)
 - BASIC SEISMIC FORCE-RESISTING SYSTEMS: SPECIAL STEEL CENTRICALLY BRACED FRAMES.
 - DESIGN BASE SHEAR: $V = 5914$
 - SEISMIC RESPONSE COEFFICIENT: $C_s = .051$
 - RESPONSE MODIFICATION FACTOR: $R = 6$
 - ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

EARTHWORK NOTES:

- REFER TO THE GEOLOGICAL REPORT FOR ALL MATERIALS AND REQUIREMENTS. SEE FOUNDATION NOTE #1.
- BENCH: INTERIOR FLOOR SLABS PROVIDE THE FOLLOWING MATERIALS:
 - VAPOR RETARDER: VAPOR BLOCK 15 BY RAVEN INDUSTRIES, INC., OR APPROVED EQUAL.
 - MINIMUM OF COMPACTED GRANULAR FILL.

CONCRETE NOTES:

- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 318 AND ACI 301. NOT AND COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 308R AND 308R.1.
- CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE:
 - 3000 PSI FOR FOUNDATION WALLS, PIERS, AND FOOTINGS.
 - 4000 PSI FOR ALL OTHER CONCRETE.
 AIR ENTRAINING ADMIXTURES SHALL BE USED FOR ALL CONCRETE EXPOSED TO WEATHER. MAXIMUM SLUMP SHALL BE 4" BEFORE ADDITION OF WATER REDUCING AGENT, IF USED.
- ALL DEFORMED REINFORCING BARS SHALL BE GRADE 60 WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- ALL EMBEDDED METALS TO CONFORM TO ASTM A36, UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALUMINUM SHALL NOT BE EMBEDDED IN CONCRETE UNLESS SPECIFICALLY APPROVED.
- PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS U.N.O.
- UNLESS OTHERWISE NOTED, THE CONCRETE COVER OVER REINFORCEMENT SHALL BE AS FOLLOWS:
 - 3" FOR ALL REINFORCING BARS.
 - 1 1/2" FOR ALL OTHER REINFORCING BARS.
 - CONCRETE EXPOSED TO WEATHER:
 - #5 AND SMALLER: 1 1/2"
 - #6 THRU #18: 2"
 - CONCRETE NOT EXPOSED TO WEATHER:
 - #5 AND SMALLER: 1 1/2"
 - #6 THRU #18: 2"
 - MECHANICAL AND WELDED SPLICES, IF USED, SHALL BE QUALIFIED PER AWS D1.4. MECHANICAL SPLICES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
 - LAP SPLICES IN WELDED WIRE FABRIC SHALL BE:
 - #3 BAR = 1'-3"
 - #4 BAR = 1'-8"
 - #5 BAR = 2'-2"
 - #6 BAR = 2'-6"
 - #7 BAR = 3'-0"
 - #8 BAR = 4'-11"
 - #9 BAR = 6'-3"
 - #10 BAR = 7'-11"
 - #11 BAR = 9'-6"
- UNLESS OTHERWISE NOTED, TOP BAR SPLICES WILL BE AT MIDSPAN, BOTTOM BAR SPLICES WILL BE AT SUPPORTS.

STEEL CONNECTION NOTES:

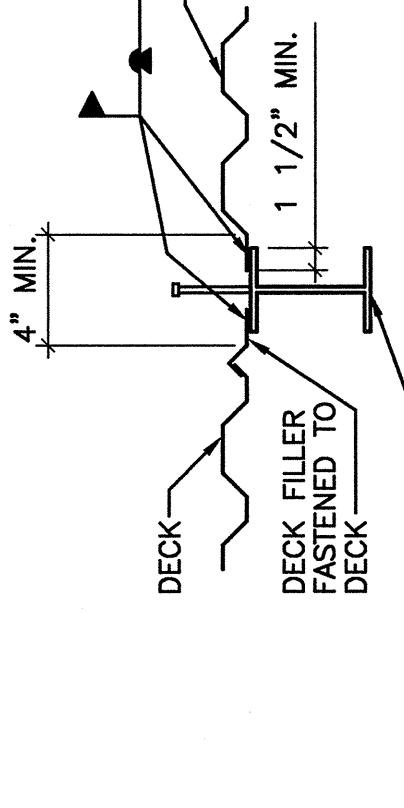
- STRUCTURAL STEEL CONNECTIONS FOR BEAM-TO-BEAM AND BEAM-TO-COLUMN CONNECTIONS SHALL BE CONSIDERED AS STANDARD CONNECTIONS UNLESS OTHERWISE NOTED. ALL CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITIONS OF AISC 360 AND AISC 358. ALL CONNECTIONS SHALL BE DESIGNED FOR THE DESIGN OF COLD FORM STEEL STRUCTURAL MEMBERS.
- AT COMPOSITE FLOOR FRAMING, BEAM REACTIONS ARE INDICATED AT THE END OF THE BEAM. REACTIONS AT THE OTHER END OF THE BEAM ARE PROVIDED AT ONE END ONLY. WHERE A BEAM REACTION IS PROVIDED AT ONE END ONLY, THAT REACTION SHALL BE TAKEN AS TYPICAL FOR BOTH ENDS.
- AT COMPOSITE FLOOR FRAMING, WHERE REACTIONS ARE NOT PROVIDED AT ONE END ONLY, THAT REACTION SHALL BE TAKEN AS TYPICAL FOR BOTH ENDS.
- WHERE STEEL BEAMS FRAME TO TUBULAR STEEL COLUMNS, DESIGN CONNECTIONS SHALL BE IN ACCORDANCE WITH THE AISC MANUAL OF STEEL STRUCTURAL SECTIONS, CONNECTIONS MANUAL.
- WHERE BEAMS FRAME TO BOTH SIDES OF A GIRDER, PROVIDE SINGLE ANGLE CONNECTIONS ARRANGED SO THAT BEAMS ON ONE SIDE OF THE GIRDER ARE IN TENSION AND BEAMS ON THE OTHER SIDE ARE IN COMPRESSION. PROVIDE CONNECTIONS TO BOTH MEMBERS.
- EXCEPT WHERE OTHERWISE DETAILED BRACING CONNECTIONS SHALL BE DESIGNED UTILIZING THE UNIFORM FORCE METHOD IN ACCORDANCE WITH THE THIRD EDITION OF THE AISC LRFD DESIGN MANUAL, UTILIZING WORKING POINTS (W/P) AS INDICATED.
- THE FABRICATOR SHALL SUBMIT THE DESIGN CALCULATIONS, STAMPED BY A PROFESSIONAL ENGINEER OR ALL BRACING CONNECTIONS AND TYPICAL DETAILS SHOWN IN THE MANUAL. THIS INCLUDES CONNECTIONS WITH DIFFERENT ANGLE SIZES, BOLT GAGES, BOLT EDGE DISTANCES, ETC.
- ALL CONNECTION DETAILS NOT PROVIDED WITHIN THESE DOCUMENTS SHALL BE DESIGNED BY THE FABRICATOR IN ACCORDANCE WITH THE AISC MANUAL OF STEEL STRUCTURAL SECTIONS, CONNECTIONS MANUAL.
- ALL CONNECTION DETAILS ARE SUBJECT TO REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.

STRUCTURAL STEEL NOTES:

- STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL - 15th EDITION.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A572, GRADE 50 STEEL. ALL CONNECTIONS SHALL CONFORM TO AISC 358. ALL CONNECTIONS SHALL CONFORM TO AISC 358, GRADE B.
- FIELD CONNECTIONS SHALL BE BOLTED USING 3/4" DIAMETER A325N HIGH STRENGTH BOLTS EXCEPT WHERE FIELD WELDING IS INDICATED ON THE DRAWINGS.
- ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL BE E70XX.
- STRUCTURAL STEEL BEAMS, COLUMNS AND BRACINGS SHALL BE FIREPROOFED TO MEET THE REQUIREMENTS OF THE DESIGN. FIREPROOFING SHALL CONFORM TO THE REQUIREMENTS OF THE DESIGN. FIREPROOFING SHALL BE IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL - 15th EDITION.
- STEEL FRAMING TO BE FIREPROOFED SHALL NOT BE PRIMED. DO NOT PRIME TOP OF BEAMS & FLOOR FRAMING.
- STEEL FRAMING MEMBERS AND COMPONENTS NOT EXPOSED TO WEATHER, AND NOT TO BE FIREPROOFED, SHALL BE SHOP PRIMED WITH ONE COAT OF PRIMER. 10-99 ON EQUAL, 210-315 Mils DRY THICKNESS.
- STEEL FRAMING MEMBERS AND COMPONENTS EXPOSED TO WEATHER SHALL BE GALVANIZED U.N.O.
- FABRICATOR QUALIFICATIONS: A QUALIFIED FABRICATOR WHO PARTICIPATES IN THE AISC QUALITY CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC-CERTIFIED PLANT, CATEGORY CBI.
- INSTALLER QUALIFICATIONS: A QUALIFIED INSTALLER WHO PARTICIPATES IN THE AISC QUALITY CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC-CERTIFIED ERECTOR, CATEGORY CSE.
- SHOP DRAWINGS DETAILING FABRICATION AND ERECTION OF EACH METAL FABRICATION INDICATED SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO FABRICATION AND CONSTRUCTION.

SHEAR STUD PLACEMENT REQUIREMENTS

- SHEAR CONNECTORS SHALL BE HEADED STUD TYPE (SXL TYPE BY NELSON OR APPROVED EQUAL), 3/4", 5" LONG AFTER INSTALLATION. SHEAR CONNECTORS SHALL BE FASTENED TO BEAM FLANGES WITH NELSON STUD WELDING SYSTEM.
- NUMBERS IN PARENTHESES, SHOWN ON FRAMING PLANS, SPECIFY QUANTITIES EXCEPT WHERE OTHERWISE INDICATED OR REQUIRED TO COMPLY WITH OTHER POSITIONING NOTES STATED HEREIN.
- WHERE THE NUMBER OF SHEAR CONNECTORS IS INDICATED TO BE LOCATED WITHIN CHASSIS DIMENSIONS, STUDS SHALL BE POSITIONED AS SHOWN ON THE DRAWINGS. STUDS SHALL BE REQUIRED TO COMPLY WITH OTHER POSITIONING NOTES STATED HEREIN.
- ALL SHEAR STUDS SHALL BE PLACED DIRECTLY OVER BEAM AND GIRDER WEBS, EXCEPT AS NOTED IN NOTE #8. STUD SPACING SHALL BE NO MORE THAN 36" O.C. AND NO LESS THAN 4 1/2" O.C. ADD STUDS WHERE REQUIRED TO COMPLY WITH MAX SPACING.
- SEE OTHER DETAILS FOR MINIMUM DECK FASTENING REQUIREMENTS TO SUPPORTS.
- METAL DECK WITH RIBS PARALLEL TO GIRDER AXIS SHALL BE ADJUSTED SUCH THAT CONCRETE IS FULL DEPTH AT GIRDER FLANGE FOR THE LENGTH REQUIREMENTS, SEE BELOW:

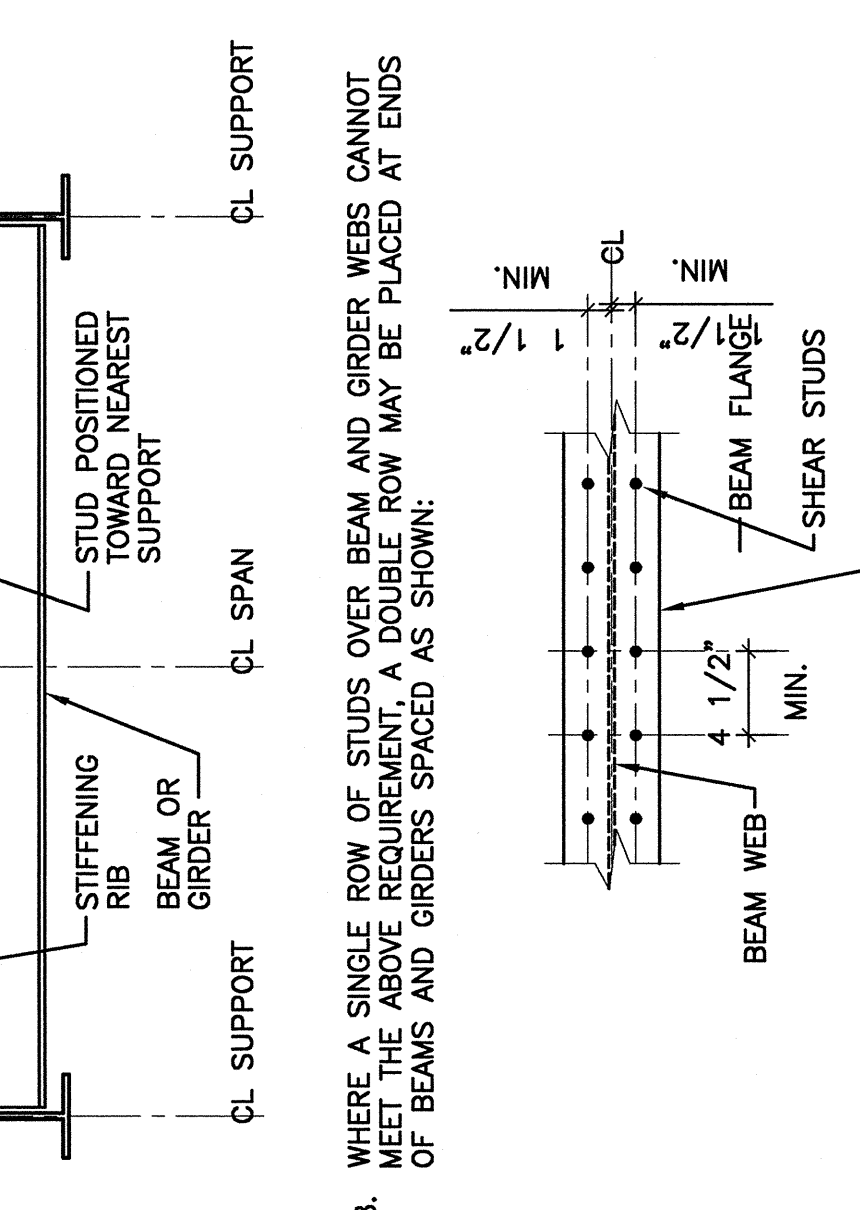


POST-INSTALLED ANCHORS NOTES:

- ANCHORS INSTALLED AT GROUDED CMU WALLS SHALL BE HLTI HIT HT150 ADHESIVE TYPE ANCHORS OR APPROVED EQUAL. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER ONE CMU BLOCK CELL, 12" MIN. FROM WALL FREE EDGE, U.N.O.
- ANCHORS INSTALLED IN CAST-IN-PLACE CONCRETE SHALL BE HLTI HT150 ADHESIVE TYPE ANCHORS OR APPROVED EQUAL. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER ONE CMU BLOCK CELL, 12" MIN. FROM WALL FREE EDGE, U.N.O.

REINFORCED MASONRY NOTES:

- REFER TO DRAWING SF505

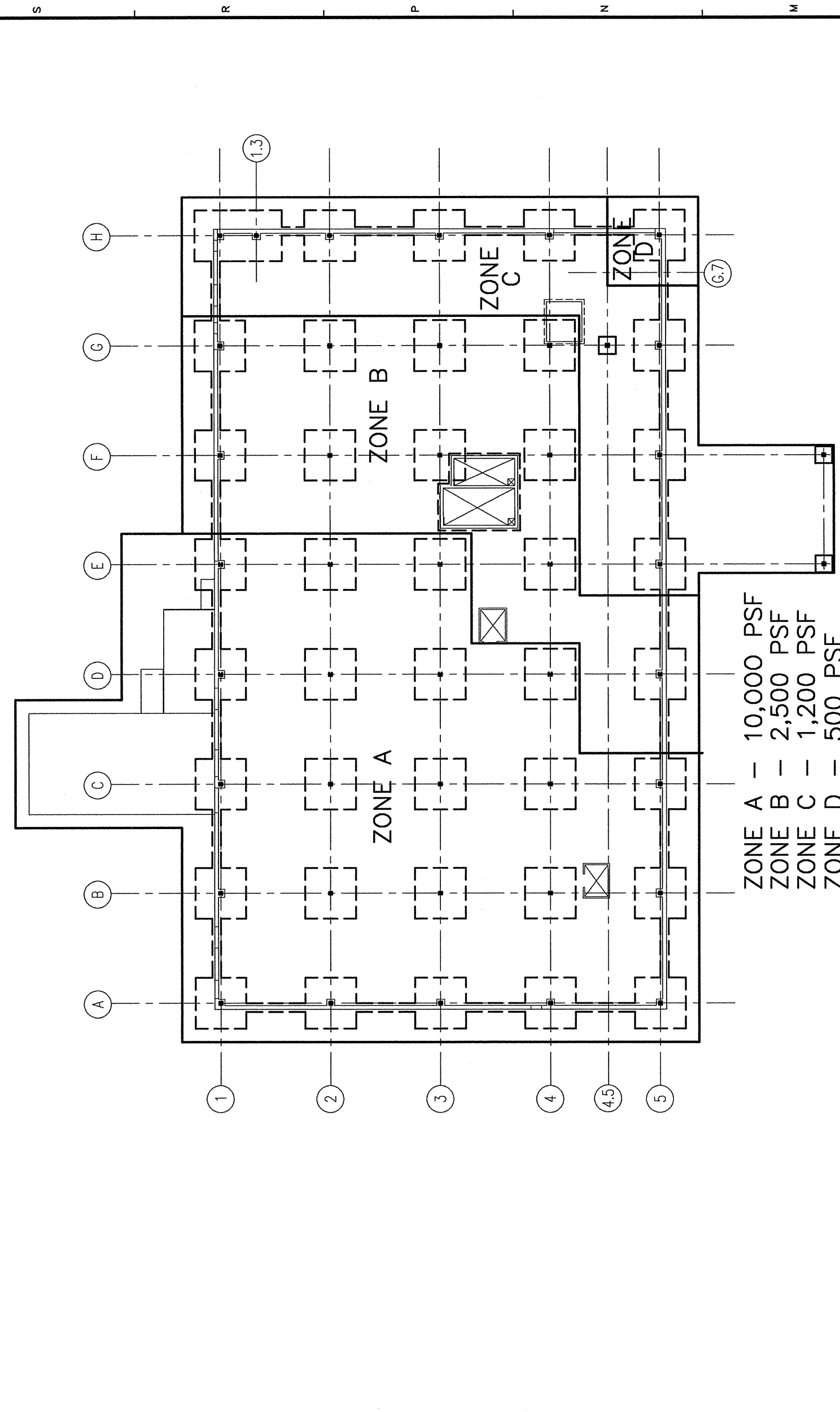


LIGHT GAGE METAL FRAMING NOTES:

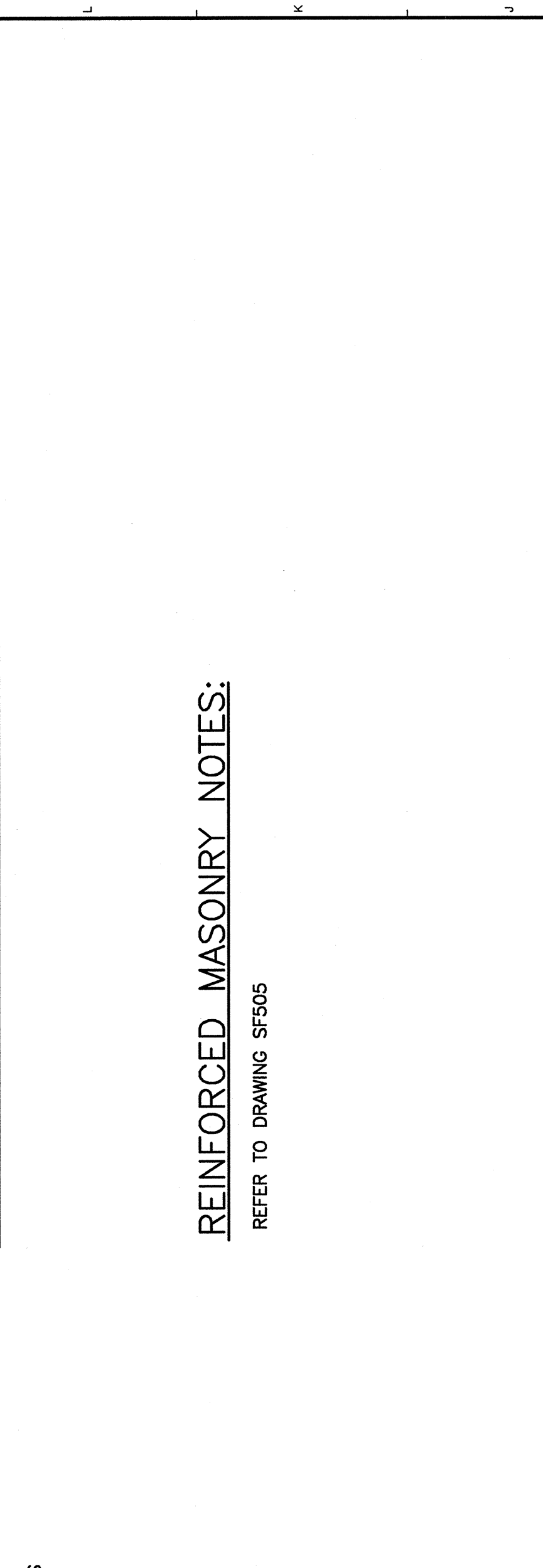
- THESE NOTES ARE APPLICABLE ONLY TO THE EXTERIOR WALL FRAMING. FOR THE INTERIOR WALL FRAMING SEE SPECIFICATION SECTION 05260
- SEE PROJECT SPECIFICATION SECTION 05400 FOR ADD'L DESIGN CRITERIA
- THE EXTENT OF THE WORK FOR THE EXTERIOR METAL STUD WALL SYSTEM IS DETAILED ON THE ARCHITECTURAL DRAWINGS. THESE NOTES SHALL BE WORKED IN CONJUNCTION WITH THOSE DRAWINGS AND THE SPECIFICATIONS.
- THE FOLLOWING SPECIFICATIONS AND PUBLICATIONS (LATEST EDITION) SHALL BE FOLLOWED:
 - AMERICAN IRON AND STEEL INSTITUTE COLD FORM DESIGN MANUAL, SPECIFICATION FOR THE DESIGN OF COLD FORM STEEL STRUCTURAL MEMBERS.
 - AMERICAN SOCIETY FOR TESTING AND MATERIALS.
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL OF STEEL CONSTRUCTION 9TH EDITION.
- PROVIDE CHANNELS, STUDS, JOISTS, RUNNERS, TRACKS, BLOCKING, BRACING, AND ACCESSORIES RECOMMENDED BY THE MANUFACTURER FOR A COMPLETE FRAMING SYSTEM.
- FABRICATION OF LIGHT GAGE STEEL SHALL CONFORM WITH REQUIREMENTS OF ASTM A448 WITH THE FOLLOWING MINIMUM YIELD POINTS (F_y):
 - 16 GA. - F_y = 50,000 PSI (GRADE D)
 - 18 GA. - F_y = 33,000 PSI (GRADE B)
 - MINIMUM.
- THE LIGHT GAGE METAL FRAMING SETS SHOWN ON DRAWINGS ARE PRELIMINARY. THE CONTRACTOR SHALL ESTIMATE ONLY THE CONTRACTOR SHALL PREPARE HIS OWN BID COST BASED ON THE LIGHT GAGE DESIGN - SEE NOTE 12 BELOW.
- THE EXTERIOR WALL SYSTEM SHALL BE DESIGNED FOR A MAXIMUM ALLOWABLE DEFLECTION UNDER FULL SERVICE LOADS. THE EXTERIOR WALL SYSTEM SHALL BE DESIGNED FOR THE DESIGN OF COLD FORM STEEL STRUCTURAL MEMBERS.
- THE DESIGN WIND PRESSURE SHALL BE IN ACCORDANCE WITH IBC 2003.
- STUDS SHALL BE INSTALLED AFTER FLOORS AND ROOF CONCRETE DECKS ARE IN PLACE.
- STUD CONNECTIONS TO THE PERIMETER STEEL FRAMING SHALL ALLOW FOR A MINIMUM OF 1/4" CLEARANCE. STUDS SHALL BE INSTALLED AFTER FLOOR AND ROOF CONCRETE DECKS ARE IN PLACE.
- ALL FASTENERS CONNECTING LIGHT GAGE MEMBERS AND ACCESSORIES SHALL BE A MINIMUM OF NO. 10 SIZE. FASTENERS SPACED NOT CLOSER THAN ONE-HALF INCH ON CENTER. NUMBER OF FASTENERS SHALL BE AS SHOWN ON DETAILS. ALL FASTENERS SHALL BE GALVANIZED OR CADMIUM PLATED.
- ALL FASTENERS CONNECTING LIGHT GAGE MEMBERS TO STRUCTURAL STEEL SHALL BE POWER DRIVEN FASTENERS OF 0.145" DIAMETER MINIMUM. ALL FASTENERS OF LIGHT GAGE MEMBERS TO CONCRETE SHALL BE POWER DRIVEN FASTENERS OF 0.145" DIAMETER MINIMUM WITH A MINIMUM OF 1-7/16 INCH EMBEDMENT.
- THE LIGHT GAGE METAL FRAMING SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS ALL AFFIXED WITH THE SEAL OF A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE STATE OF MAINE. THE SHOP DRAWINGS SHALL SHOW THE LOCATION OF ALL STUDS AND STUD WALL FRAMING INCLUDING HEADERS, JAMBS, TRACKS, AND ALL NECESSARY STRUCTURAL STEEL STIFFENING AND BRACING.

REINFORCED MASONRY NOTES:

- REFER TO DRAWING SF505



DESIGN ALLOWABLE SOIL NET BEARING CAPACITY DIAGRAM



NOTE:
THIS PACKAGE INCLUDES
STRUCTURAL DRAWINGS ISSUED
FOR BID ONLY, NOT FOR
CONSTRUCTION OR FABRICATION

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	9-19-06

ISSUED FOR CONSTRUCTION
9-19-06

CURRENT ISSUE STATUS:

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MERCY HOSPITAL AT FORE RIVER
PROJECT 2
LOCATION

PROJECT: STRUCTURAL GENERAL NOTES

SHEET TITLE: NONE DATE: 9-19-06

SCALE: NONE GRAPHIC SCALE: 0"

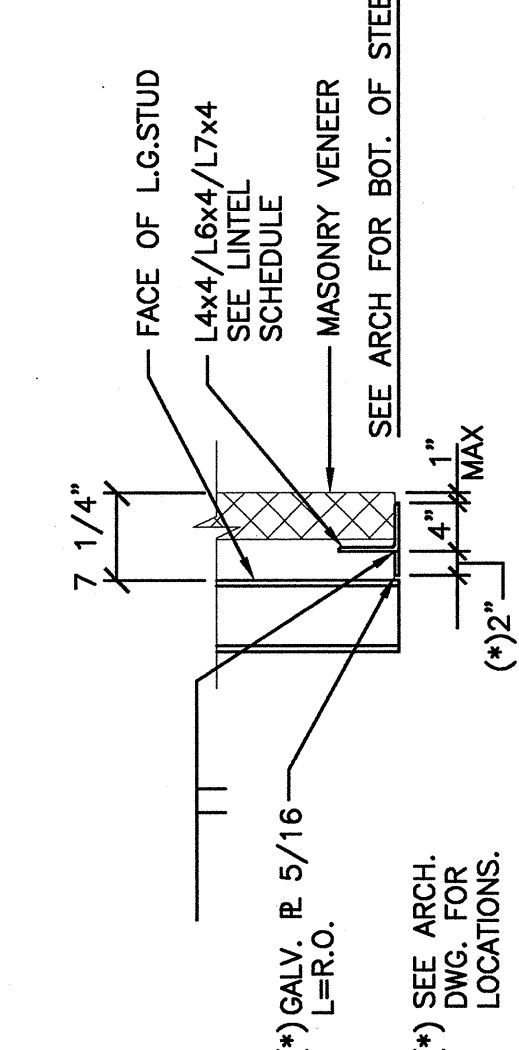
PROJECT MANAGER: ELB
JOB CAP/DRAWN: HCC

A/E OF RECORD: JSW
SWR CAD FILE: S0001-06034

SHEET NO: SG001
PROJECT NO: 06034

MASONRY OPENING (3)	LINTEL SIZE
UP TO 6'-0"	L4x4x5/16
6'-4" TO 8'-0"	L6x4x5/16
8'-0" TO 11'-4"	L7x4x3/8

NOTES:
1. PROVIDE 8" OF BEARING @ EACH END OF ALL LINTELS.
2. LINTELS AT EXTERIOR WALLS SHALL BE GALVANIZED
3. REFER TO A14/SF105 FOR LINTEL SUPPORT @ COLUMN.



TYP. LINTEL DETAIL @ MASONRY VENEER

U.N.O.

NOTE: SEE ARCH. DETAILS FOR ADD'L LINTEL INFO.

DECK NOTES:

- STEEL FLOOR DECK SHALL BE GALV. COMPOSITE DECK 2x12x20 AS MANUFACTURED BY VULCRIFT OR APPROVED ALTERNATE. FLOOR DECK UNITS SHALL BE BUTTED.
- FLOOR DECK SHALL BE FASTENED AS FOLLOWS, UNLESS SHOWN OTHERWISE ON THE DRAWINGS (SEE SF501):
 - AT SUPPORTS - 5/8" DIAMETER PUDDLE WELDS AT 36/4 PATTERN AT SIDELAPS FASTEN WITH (1) #10 TEK SCREWS AT 36" O.C. MAX.
 - AT PERIMETER STEEL PARALLEL TO DECK SPAN - 5/8" DIAMETER PUDDLE WELDS AT 18" O.C. MAX.
- SHEAR CONNECTORS CAN BE COUNTED AS REQUIRED PUDDLE WELDS, IF INSTALLED AS SPECIFIED ON DETAIL N14/SF501. SEE SHEAR STUD NOTES FOR ADDITIONAL REQUIREMENTS.
- STEEL ROOF DECK SHALL BE 1.5920 GALVANIZED ALTERNATE. AS MANUFACTURED BY VULCRIFT OR APPROVED ALTERNATE.
- ROOF DECK SHALL BE FASTENED AS FOLLOWS, UNLESS SHOWN OTHERWISE ON THE DRAWINGS:
 - AT SUPPORTS - 5/8" DIAMETER PUDDLE WELDS AT 36/7 PATTERN U.N.O.
 - AT PERIMETER STEEL PARALLEL TO DECK SPAN - 5/8" DIAMETER PUDDLE WELDS AT 6" O.C. MAXIMUM