

General Notes

DESIGN PARAMETERS.....

1. BUILDING CODE	2006 INTERNATIONAL BUILDING CODE
2. DEAD LOAD	
A. ROOF	10 PSF
3. LIVE LOAD	
A. ROOF	20 PSF
4. SNOW LOADS	
A. GROUND SNOW LOAD, PG	10 PSF
5. WIND LOADS (IBC)	
A. BASIC WIND SPEED (3 SECOND GUST)	90 MPH
B. IMPORTANCE FACTOR	1.0
C. EXPOSURE CLASSIFICATION	C
D. INTERNAL PRESSURE COEFFICIENT	0.18
E. DESIGN WIND PRESSURE ON PRIMARY STRUCTURE (WINDWARD + LEEWARD)	13.6 PSF

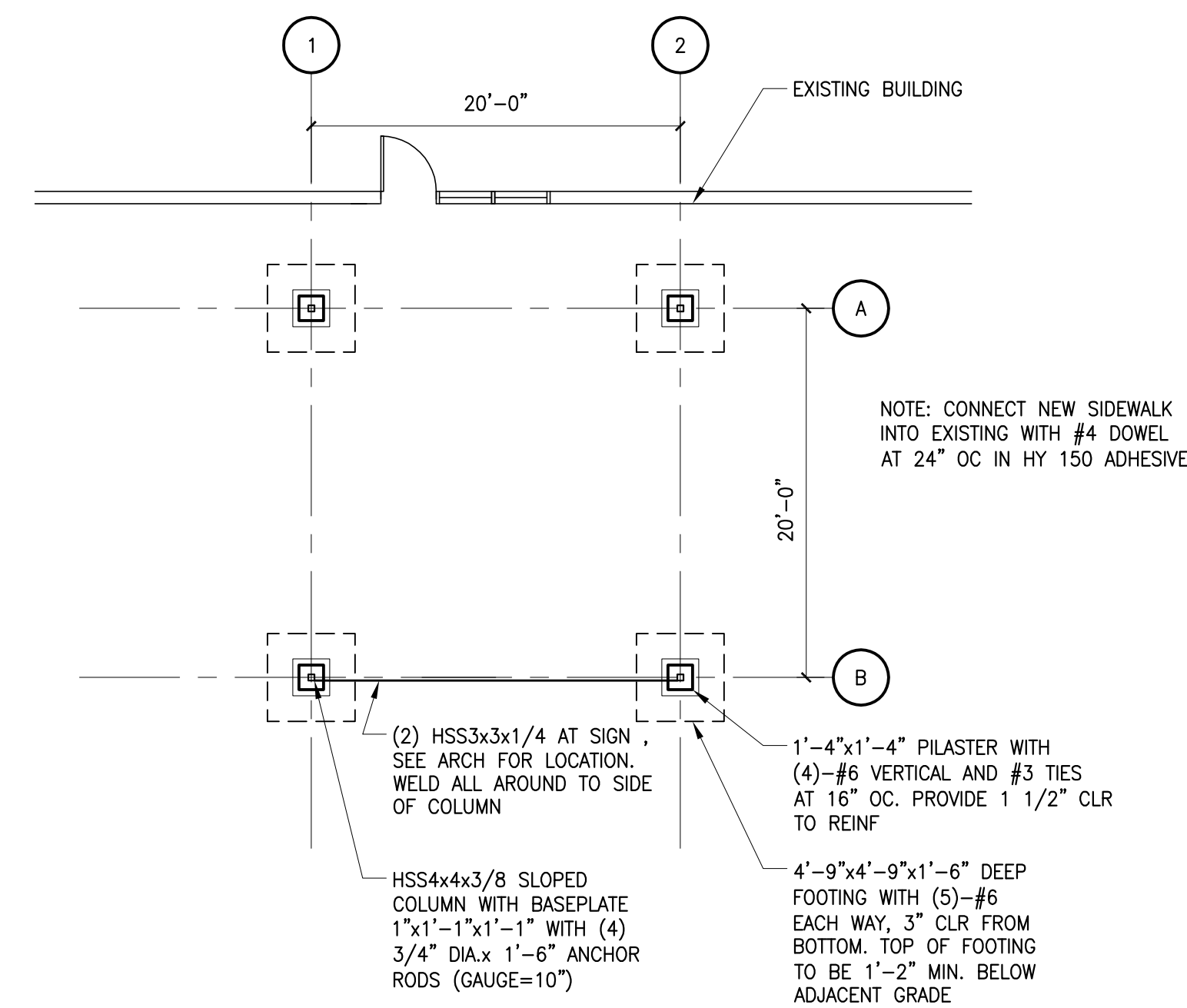
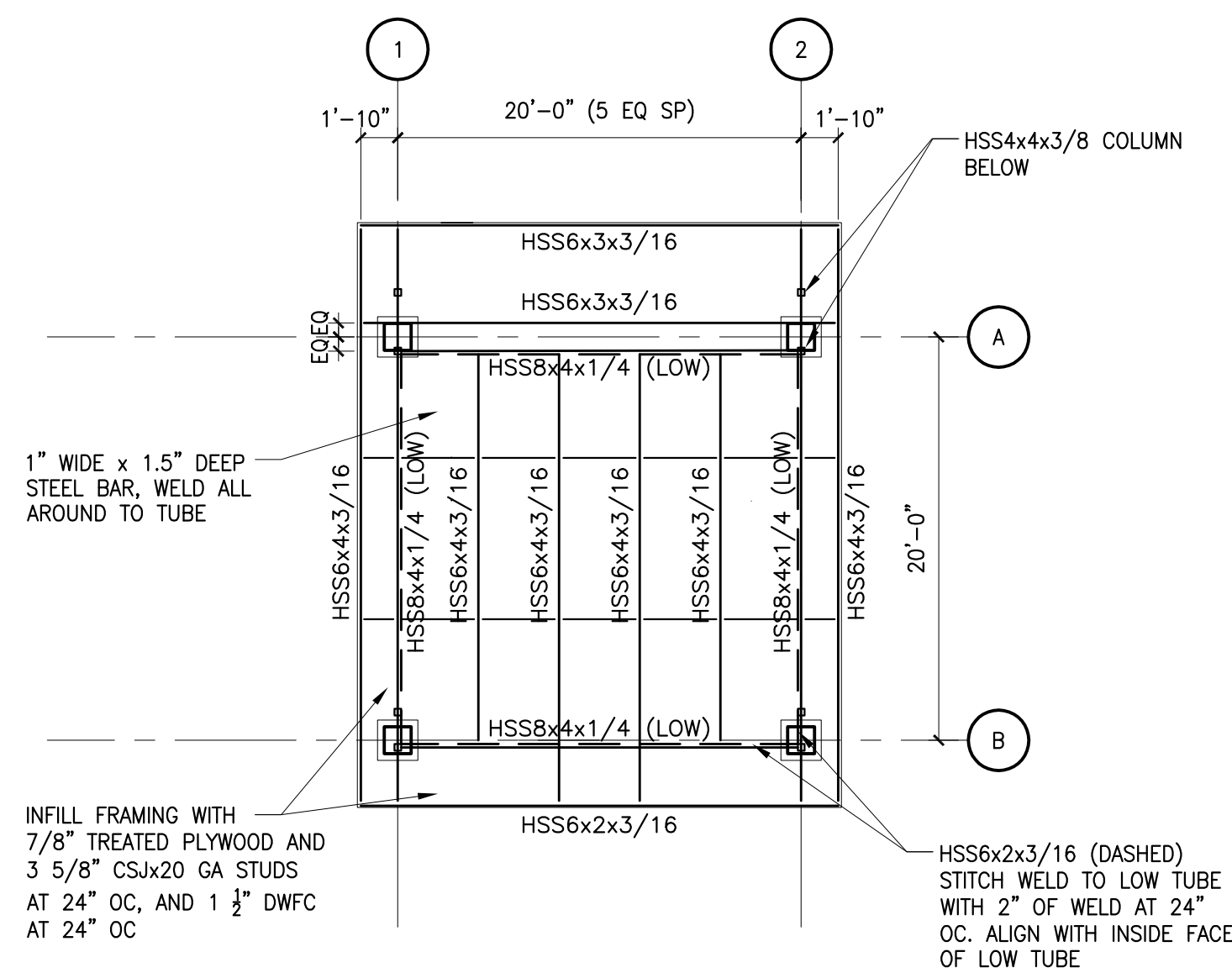
- GENERAL.....
- STRUCTURAL ELEMENTS ARE NON-SELF SUPPORTING AND REQUIRE INTERACTION WITH OTHER ELEMENTS FOR STABILITY AND RESISTANCE TO LATERAL FORCES. FRAMING AND WALLS SHALL BE TEMPORARILY BRACED BY THE CONTRACTOR UNTIL PERMANENT BRACING, FLOOR AND ROOF DECKS, AND WALLS HAVE BEEN INSTALLED AND CONNECTIONS BETWEEN THESE ELEMENTS HAVE BEEN MADE.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE TEMPORARY SUPPORT AND STABILITY OF EXISTING STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

- DIVISION 2 - FOUNDATIONS.....
- FOOTING DESIGNS ARE BASED ON AN ASSUMED NET ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
 - EXTERIOR FOOTINGS SHALL BEAR AT OR BELOW MINIMUM BEARING DEPTH. MINIMUM BEARING DEPTH IS 24" BELOW ADJACENT FINISHED GRADE.

- DIVISION 3 - CONCRETE.....
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'_c) AT 28 DAYS OF:
 - CONCRETE FOR EXTERIOR WALKS, 3,500 PSI.
 - ALL OTHER CONCRETE, 3,000 PSI.
 - REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH (F_y) OF 60 KSI.
 - REINFORCING BARS SHALL BE SPLICED A MIN. OF 48 BAR DIAMETERS, 24 INCHES, OR LENGTHS PROVIDED IN THE STEEL REINFORCING LAP SCHEDULE WHICHEVER IS GREATER, UNLESS NOTED OTHERWISE.
 - "C.I." INDICATES SAW CUT JOINT OR DOWELED CONSTRUCTION JOINT IN SLAB.
 - SAW CUT/CONSTRUCTION JOINTS SHALL BE LOCATED AS SHOWN ON PLANS OR AS DIRECTED BY THE STRUCTURAL ENGINEER.
 - FILL VOID BENEATH ALL COLUMN BASE PLATES WITH 5,000 PSI, NON-SHRINK, NON-METALLIC GROUT.

- DIVISION 5 - STRUCTURAL STEEL.....
- STRUCTURAL STEEL SHALL MEET THE FOLLOWING MINIMUM YIELD STRENGTHS:

	YIELD
A. STEEL SHAPES:	50 KSI
B. STRUCTURAL STEEL TUBING:	46 KSI
C. STRUCTURAL STEEL PIPE:	35 KSI
D. ANCHOR BOLTS:	36 KSI
E. HEADED STUD ANCHORS:	50 KSI
F. STEEL BARS AND PLATES:	36 KSI
 - BOLTS FOR STEEL BEAM AND COLUMN CONNECTIONS SHALL BE 3/4" DIAMETER ASTM A325 HIGH-STRENGTH BOLTS INSTALLED SNUG TIGHT, UNLESS NOTED OTHERWISE.
 - ELECTRODES FOR WELDING SHALL BE E70 SERIES.
 - PROVIDE DOUBLE NUTS AND DOUBLE WASHERS FOR STEEL COLUMN ANCHOR BOLTS TO ALLOW FOR ADJUSTMENT IN BASE PLATE ELEVATION.



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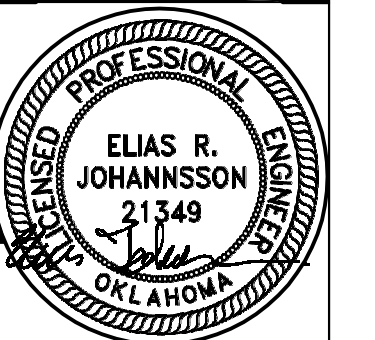


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No.	Description	By Date

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Approved By: EJU

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