

DESIGN NOTES

- THIS STRUCTURE IS DESIGNED TO COMPLY WITH THE 2009 EDITION OF THE INTERNATIONAL BUILDING CODE.
- SEISMIC: DESIGN FOR EARTHQUAKE LOAD IS IN ACCORDANCE WITH ASCE7-05, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES."
 - SEISMIC IMPORTANCE FACTOR = 1.0
 - SPECTRAL RESPONSE ACCELERATION $S_s = 0.319$
 - SPECTRAL RESPONSE ACCELERATION $S_1 = 0.077$
 - SITE CLASS D (ASSUMED)
 - SPECTRAL RESPONSE COEFFICIENT $SDS = 0.328$
 - SPECTRAL RESPONSE COEFFICIENT $SD_1 = 0.124$
 - SEISMIC DESIGN CATEGORY B
 - NON-STRUCTURAL COMPONENT: APPENDAGES AND ORNAMENTATIONS
 - COMPONENT AMPLIFICATION FACTOR, $q_p = 2.5$
 - COMPONENT RESPONSE MODIFICATION FACTOR, $R_p = 2.5$
 - COMPONENT INSTALLED WEIGHT = 3,500#
- FOUNDATION BEARING PRESSURES: FOOTINGS HAVE BEEN PROPORTIONED USING A PRESUMPTIVE BEARING PRESSURE OF 2000 PSF PER IBC TABLE 1804.2

CONCRETE NOTES:

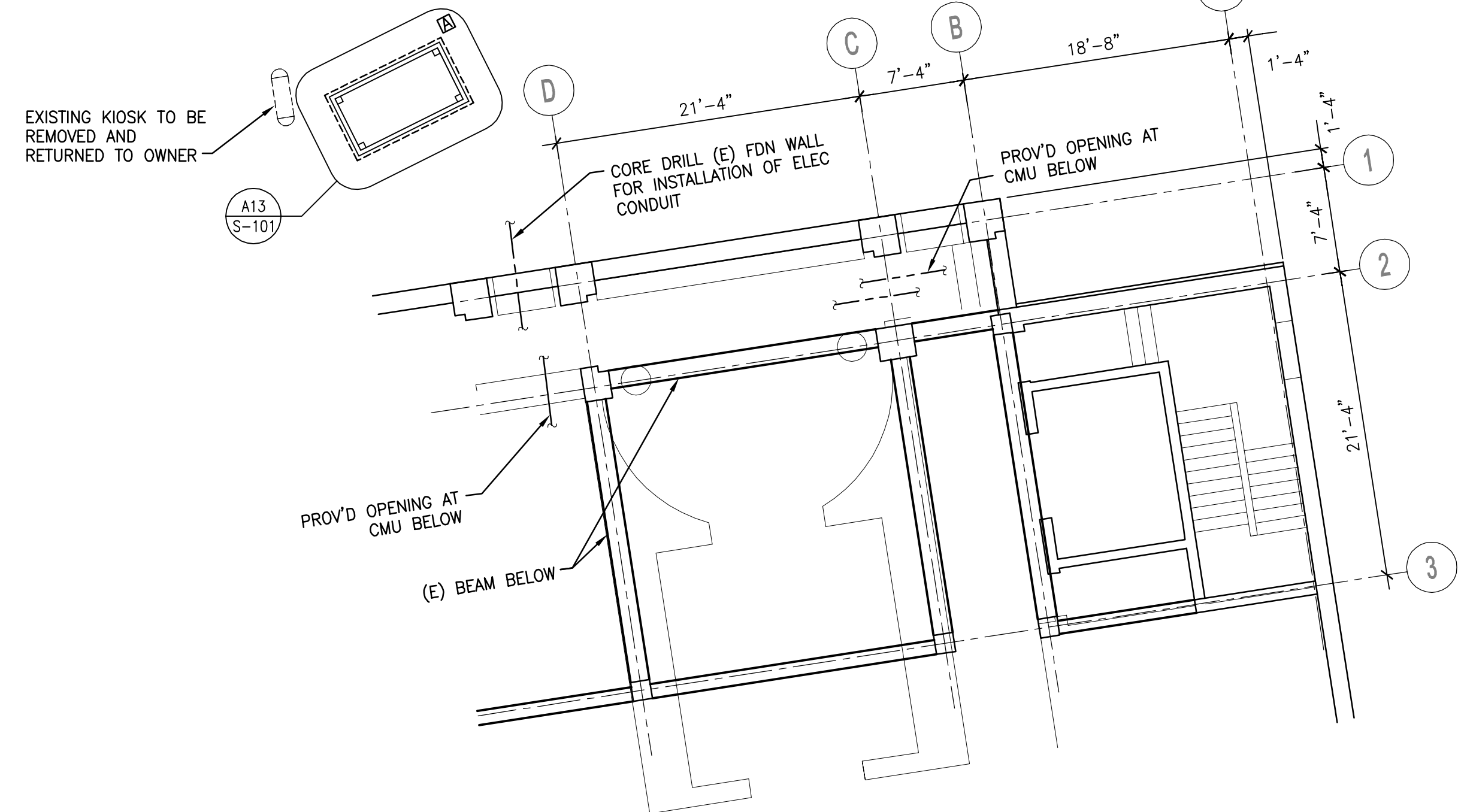
- ALL CONCRETE WORK SHALL CONFORM TO ACI 318 AND 301.
- CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI.
- CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
- REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH ACI 315-LATEST EDITION.
- REINFORCEMENT SHALL HAVE THE FOLLOWING COVER:
 - CAST AGAINST EARTH: 3"
 - EXPOSED TO EARTH AND WEATHER: 1-1/2"
- SPLICES OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318, UNLESS OTHERWISE NOTED ON DRAWINGS.
- COMPLETE SHOP DRAWINGS OF ALL REINFORCING STEEL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF THAT PORTION OF THE WORK.

STRUCTURAL STEEL NOTES:

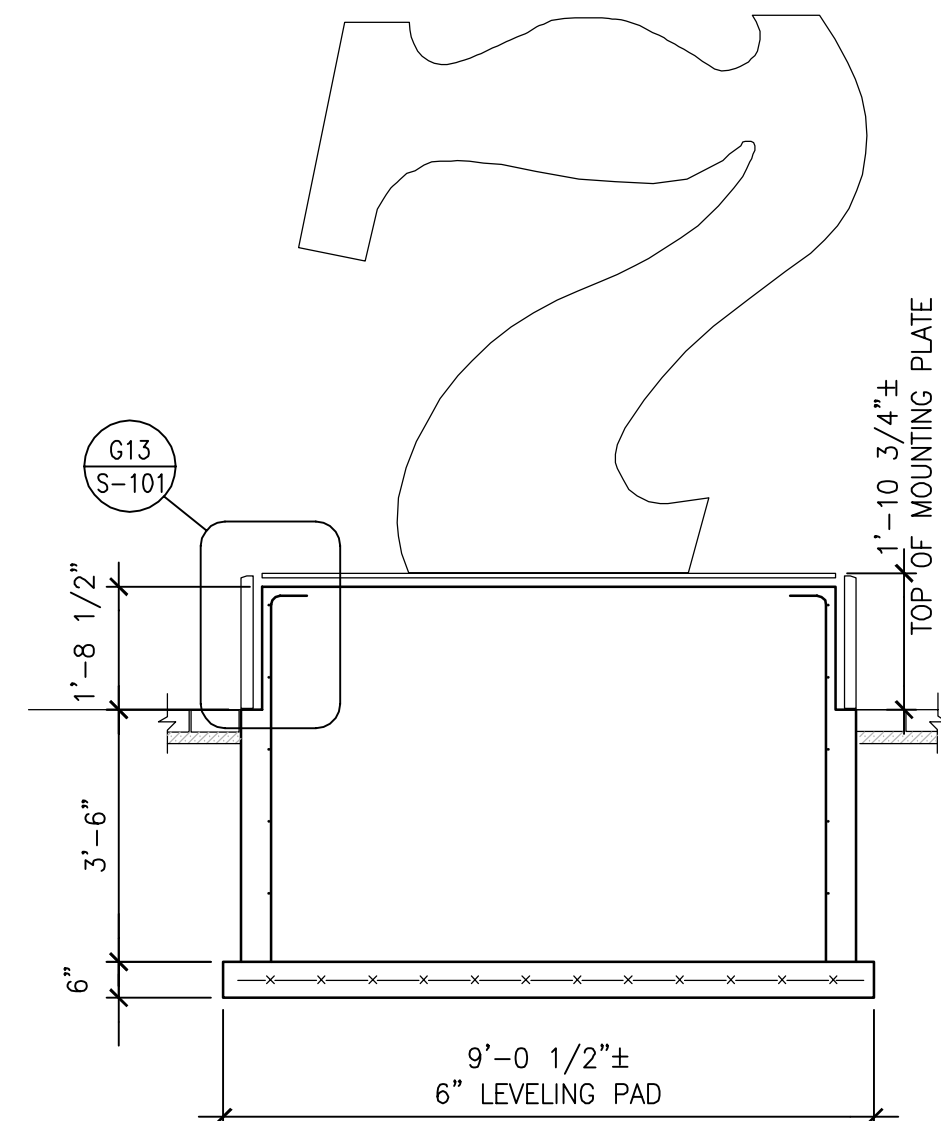
- STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "STEEL CONSTRUCTION MANUAL" - THIRTEENTH EDITION.
- STRUCTURAL STEEL FOR PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO ASTM A36.
- ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL BE E70XX.
- SHOP DRAWINGS DETAILING FABRICATION AND ERECTION OF EACH METAL FABRICATION INDICATED SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO FABRICATION AND CONSTRUCTION.

NOTES:

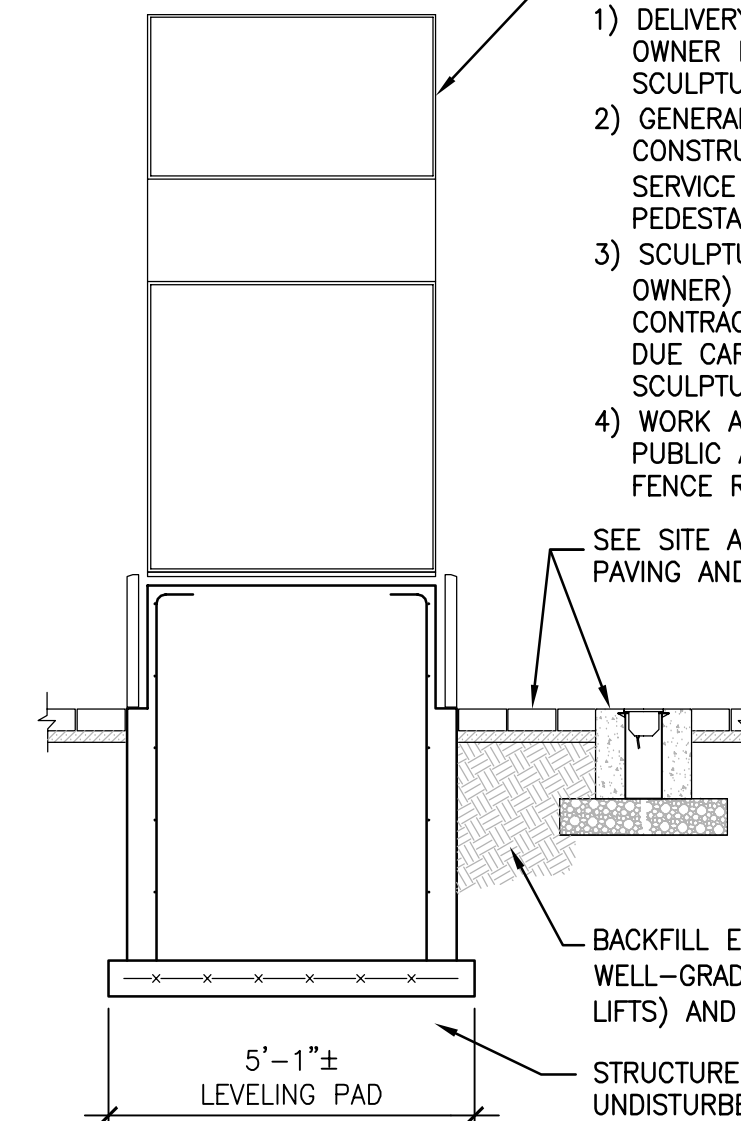
- COORDINATE WORK WITH OWNER PRIOR TO COMMENCEMENT OF OPERATIONS. OWNER TO PROTECT/REMOVE OF ANY ART NECESSARY PRIOR TO START OF DRILLING / EXCAVATION.
- CORE DRILL EXISTING 16" FOUNDATION FOR NEW CONDUIT.
- PATCH AND WATERPROOF ENTRY POINT AND TEST PRIOR TO BACKFILLING EXCAVATION.
- LOCATION OF HOLE IS TO BE POSITIONED TO ENTER THE BUILDING IN LINE WITH EXISTING AUDITORIUM PROJECTION BOOTH IN LOWER LOBBY AND ABOVE EXISTING HARD CEILING.
- PROVIDE OPENINGS THROUGH NON-BEARING CMU PARTITIONS AS REQUIRED TO RUN CONDUIT BETWEEN PROJECTION BOOTH, STORE ROOM AND CORED HOLE IN FOUNDATION. PATCH AND SEAL OPENINGS AROUND CONDUIT TO COMPLETE WORK. ALL WORK TO BE CONCEALED ABOVE CEILING AND ACCESSED THROUGH EXISTING ACCESS PANELS.



A1 PART PLAN AT PAYSON BUILDING ENTRANCE
1/8"=1'-0"

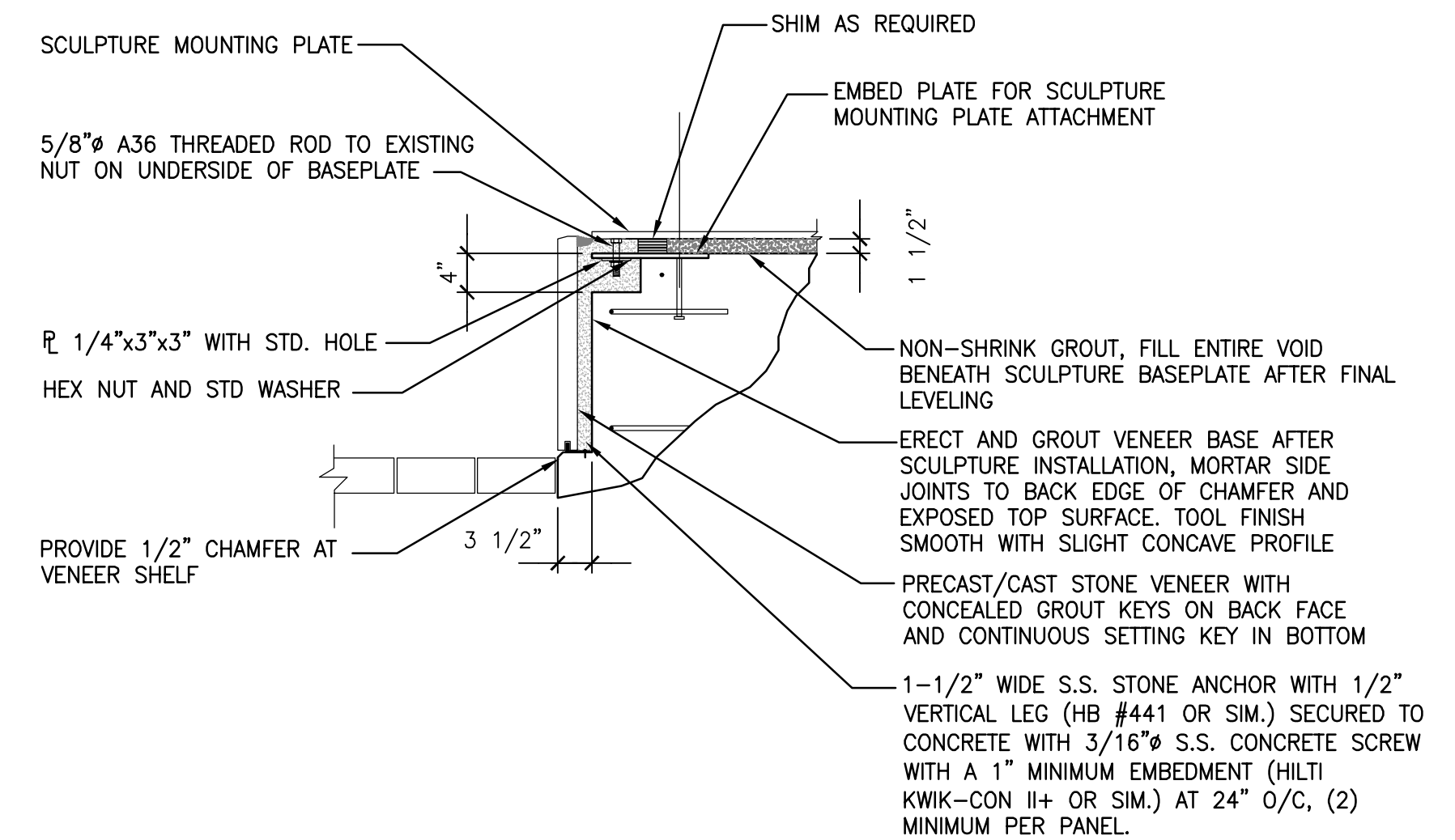


G5 SECTION
3/8"=1'-0"

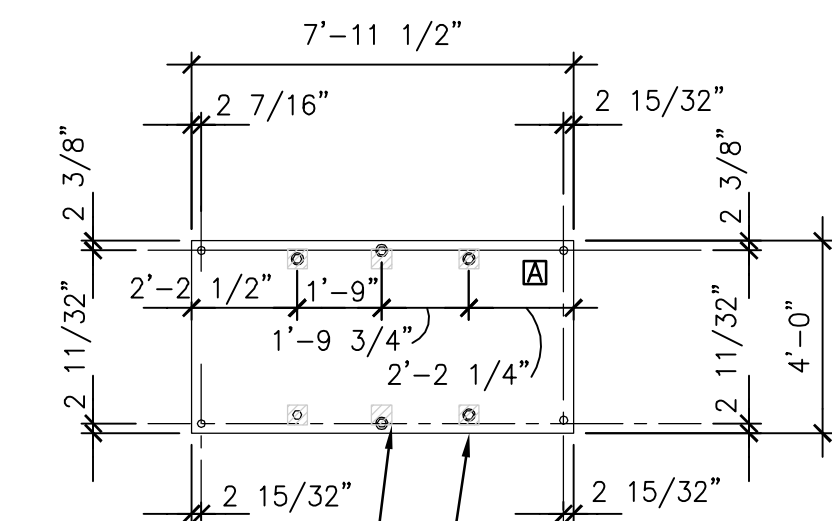


G8 SECTION
3/8"=1'-0"

- "SEVEN" SCULPTURE SCOPE INFO:
- DELIVERY AND MOVING OF SCULPTURE BY OWNER, OWNER IS RESPONSIBLE FOR RECEIVING AND INSPECTING SCULPTURE PRIOR TO MOUNTING.
 - GENERAL CONTRACTOR TO ASSIST MOVERS ON CONSTRUCTION SITE AND TO PROVIDE ALL MATERIAL AND SERVICE NEEDED TO MOUNT AND LEVEL "SEVEN" TO PEDESTAL.
 - SCULPTURE TO BE WRAPPED AND PROTECTED (BY OWNER) DURING ALL CONSTRUCTION ACTIVITIES; GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL EXERCISE DUE CARE WHILE PERFORMING WORK TO PROTECT SCULPTURE.
 - WORK AREA IS TO BE SEPARATED BY FENCING FROM PUBLIC AREAS DURING CONSTRUCTION. COORDINATE FENCE REMOVAL WITH OWNER.
- SEE SITE AND LIGHTING DRAWINGS FOR PAVING AND LIGHT BASE INFORMATION
- BACKFILL EXCAVATION WITH WELL-GRADED MATERIAL (12" MAX LIFTS) AND COMPACT TO 95% MDD.
- STRUCTURE SHALL BEAR ON UNDISTURBED NATIVE SOILS. REMOVE ANY LOOSE MATERIAL AND REPLACE WITH MDD TYP C FILL (9" MAX LIFTS) AND COMPACT TO 95% MDD.

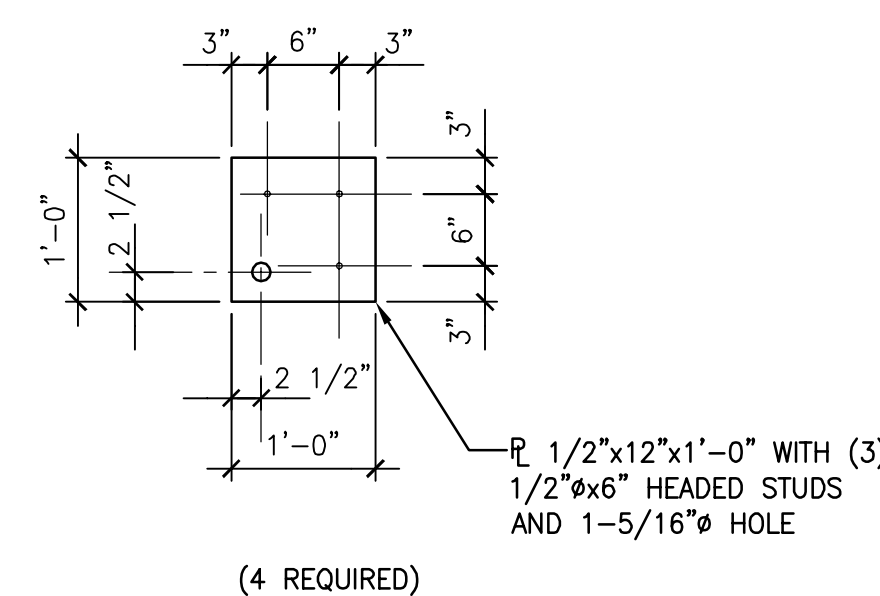


G13 SECTION @ CORNER CONNECTION PLATE
3/4"=1'-0"

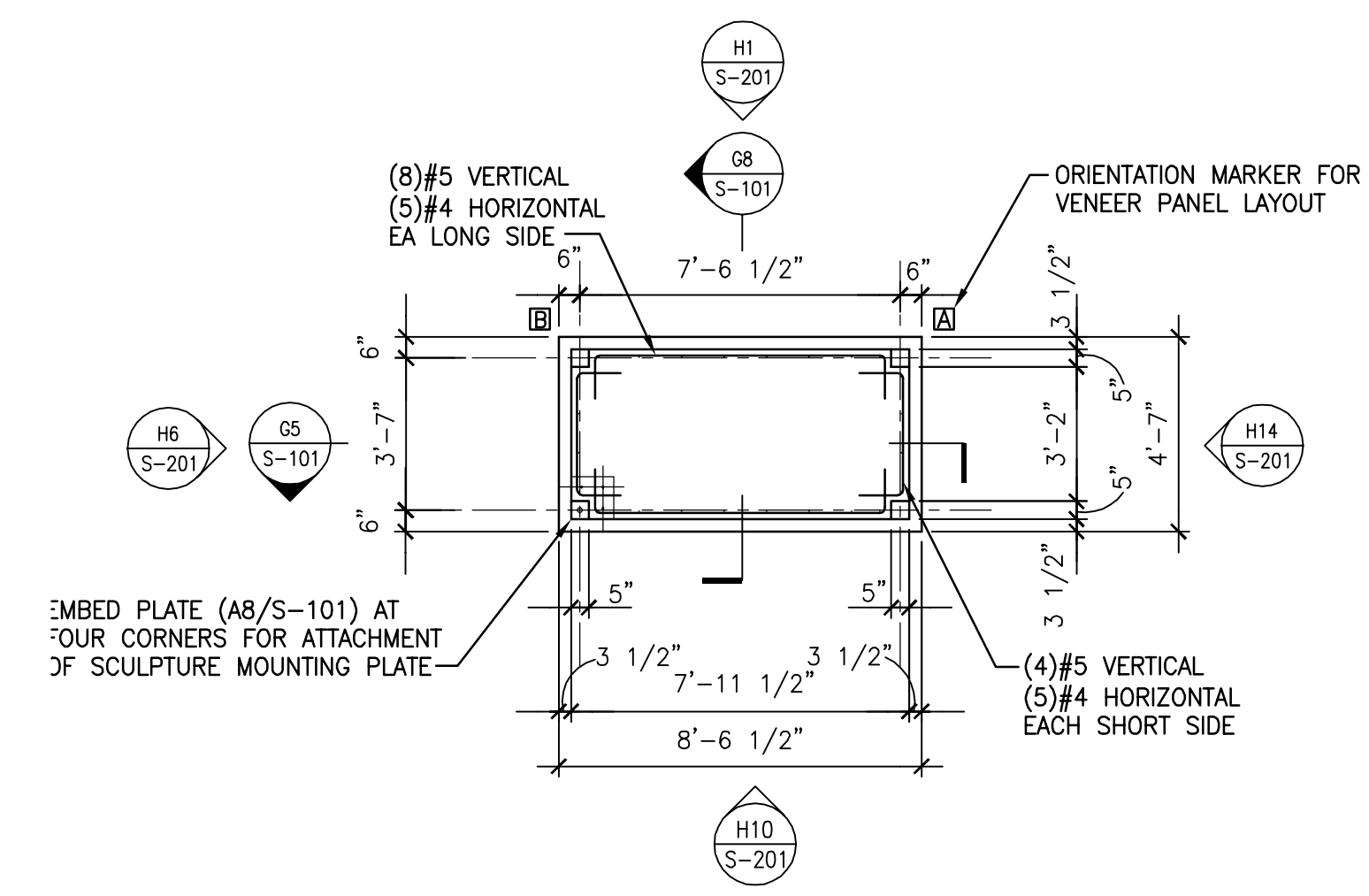


- SURROUND HEADS OF MOUNTING BOLTS WITH 1"± THICK COMPRESSIBLE MATERIAL TO AID POSSIBLE FUTURE REMOVAL OF SCULPTURE FROM MOUNTING PLATE, MIN. 1-1/2" GROUT COVERAGE FROM EDGE OF PLATE
- SCULPTURE MOUNTING PLATE WITH 5/8"± HEX NUTS WELDED TO UNDERSIDE, SIZES AND DIMENSIONS PER OWNER, FIELD VERIFY

D13 SCULPTURE MOUNTING PLATE LAYOUT
1/8"=1'-0"



A8 EMBEDDED CONNECTION PLATE DETAIL
3/4"=1'-0"

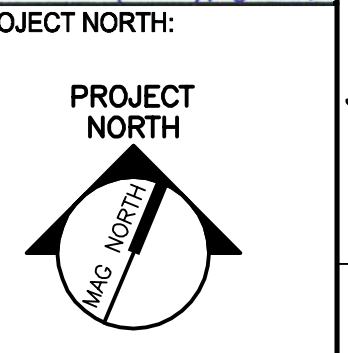
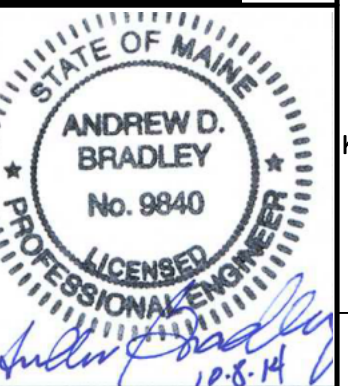


A13 FOUNDATION PLAN
1/4"=1'-0"

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PORTLAND MUSEUM OF ART
ROBERT INDIANA "SEVEN" PEDESTAL
PORTLAND, MAINE

ISSUED FOR CONSTRUCTION
10-08-14

CURRENT ISSUE STATUS:

REV	ISSUED FOR CONSTRUCTION DESCRIPTION	DATE
0		10-08-14

GRAPHIC SCALE:
1" = 1'

SCALE: AS NOTED
PROJECT MANAGER: ADB
JC/DRAWN BY: ADB/SJF
A/E OF RECORD: ADB
PROJECT NO: 14142
SMRT FILE: S-101-14142
DATE:
SHEET TITLE:
**PEDESTAL
PLAN AND
DETAILS**

SHEET No.
S-101