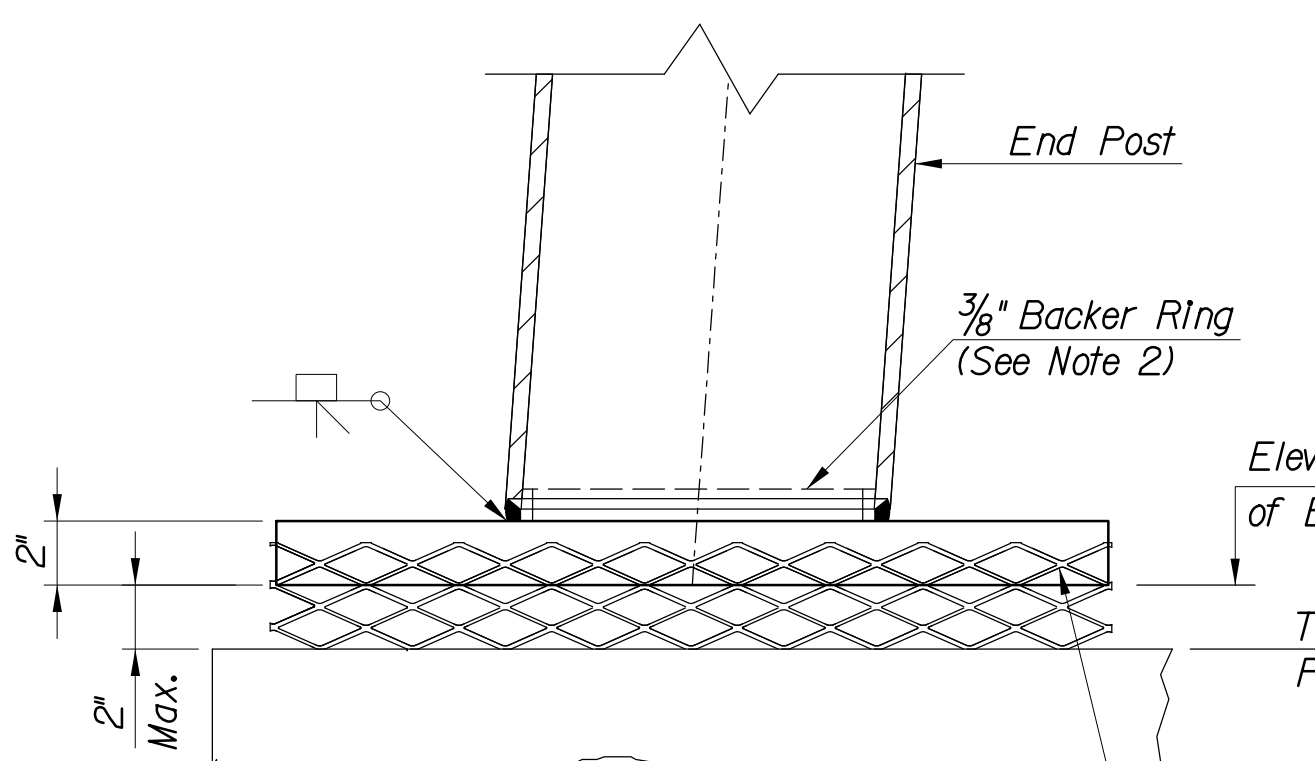
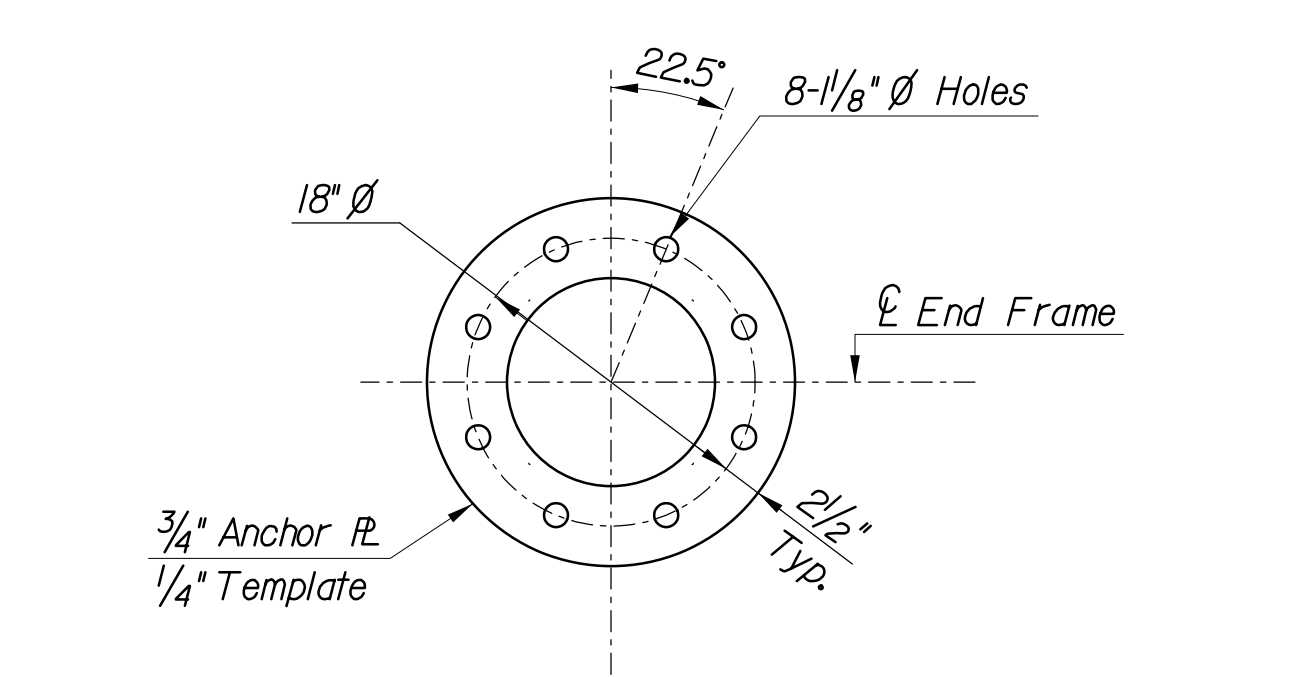


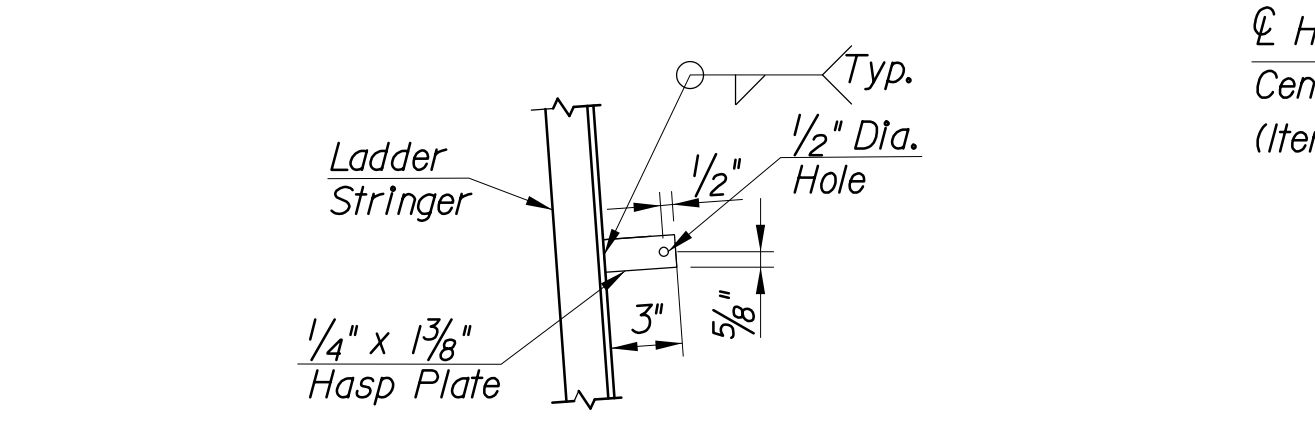
BASE PLATE PLAN VIEW



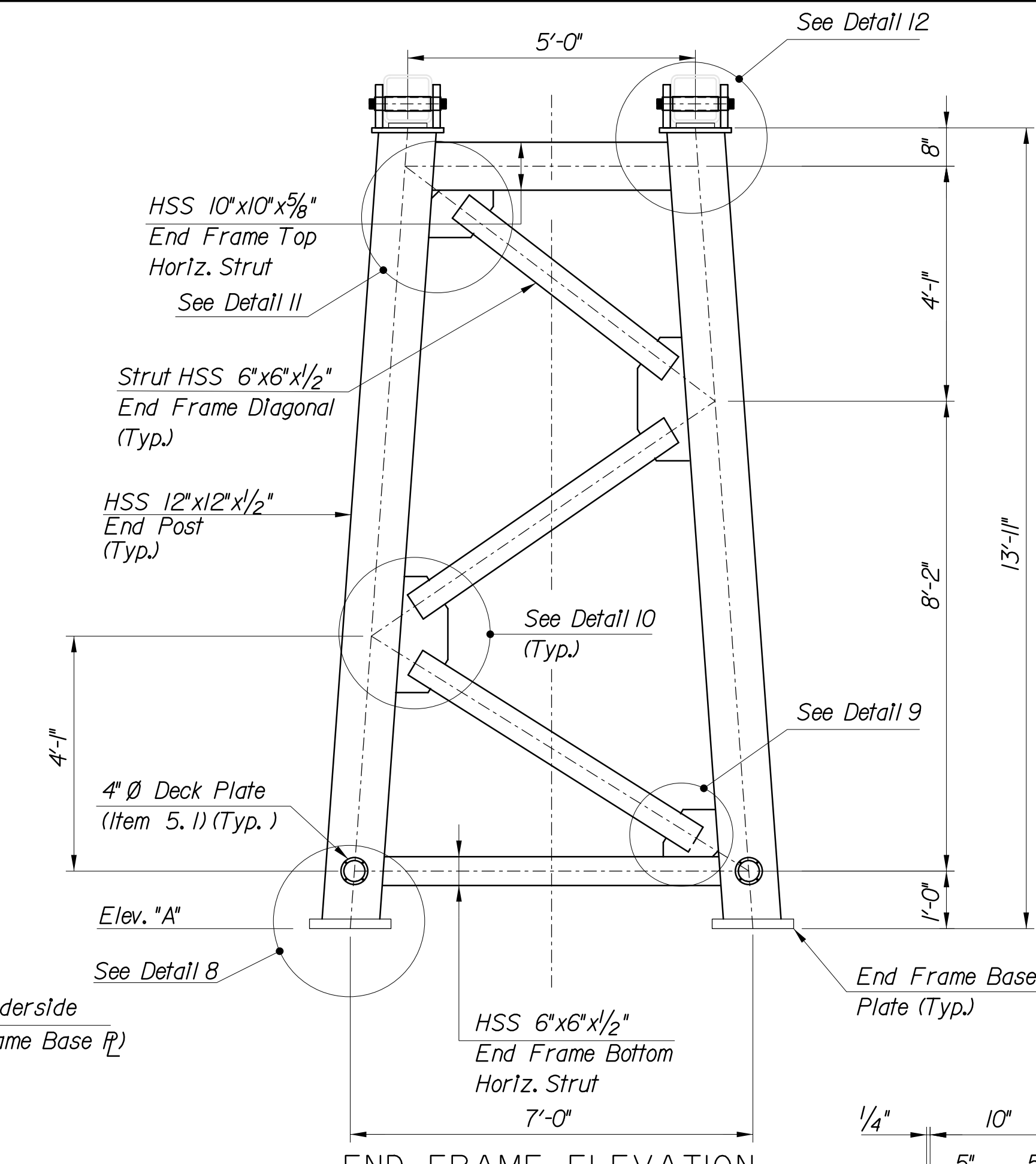
SECTION G-G  
DETAIL 8  
N.T.S.



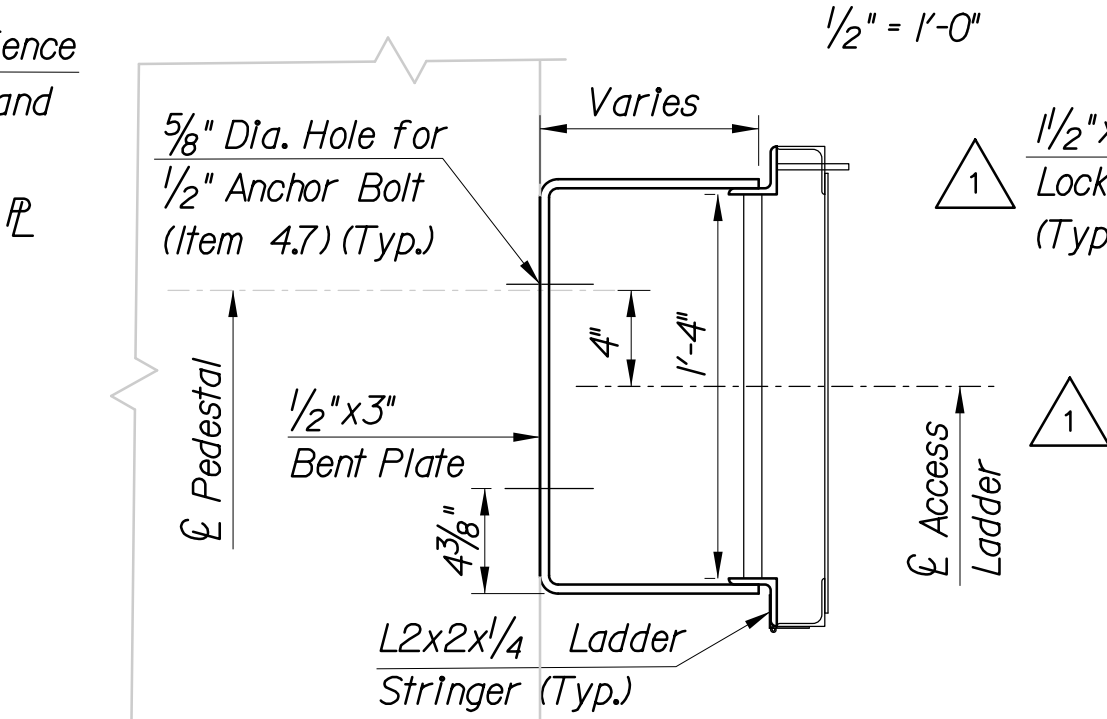
ANCHOR PLATE & TEMPLATE DETAIL  
(See Sheets VM-8 & VM-9 for placement)  
N.T.S.



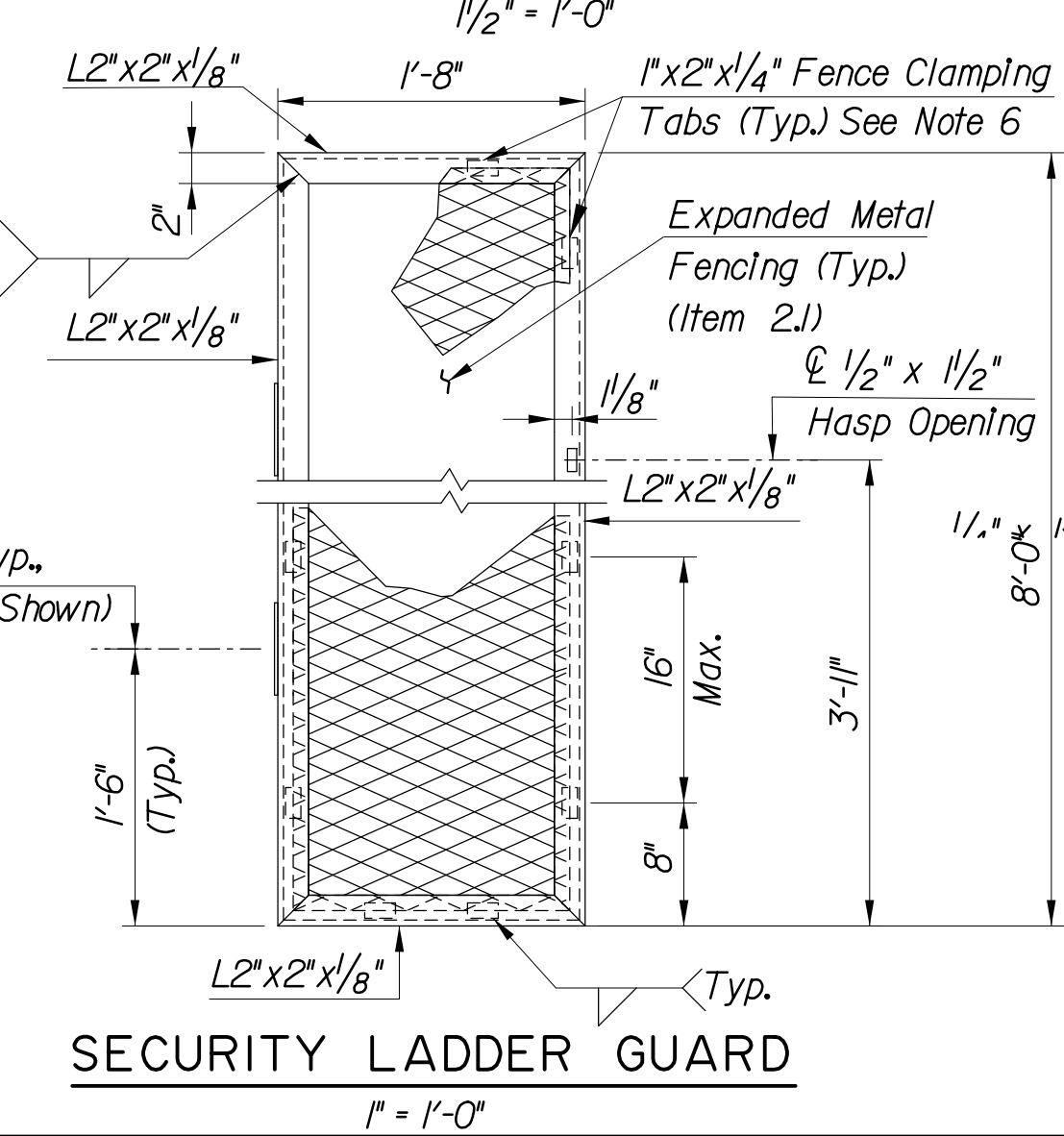
HASP PLATE DETAIL  
1/2" = 1'-0"



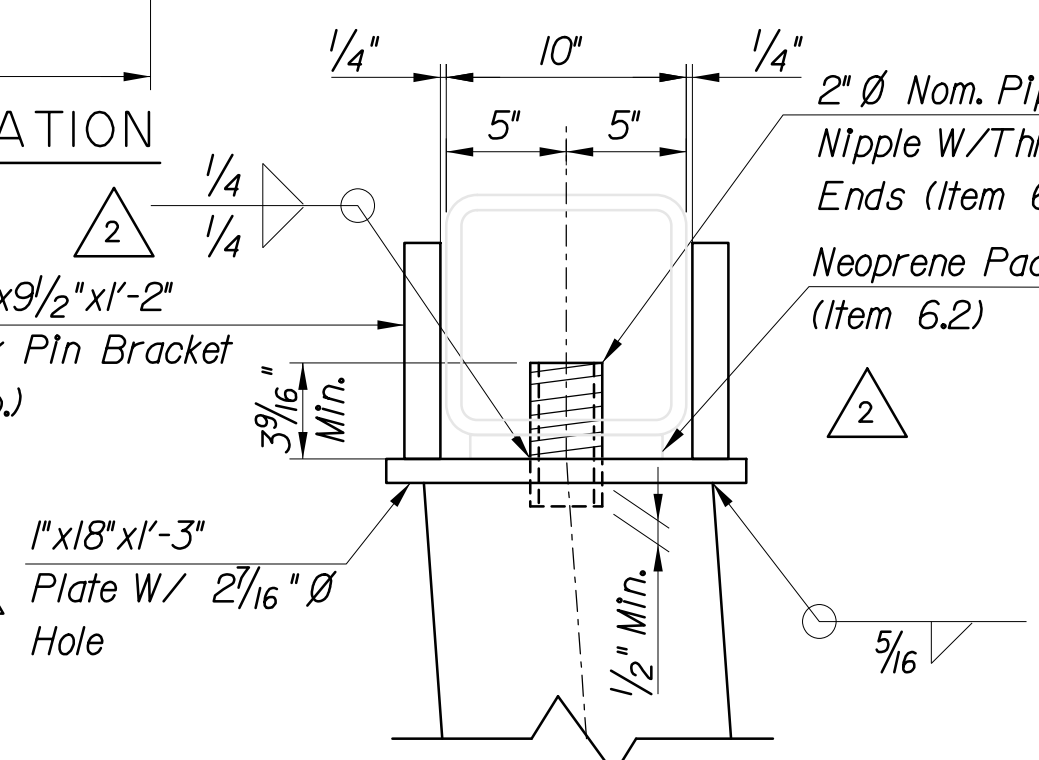
END FRAME ELEVATION  
1/2" = 1'-0"



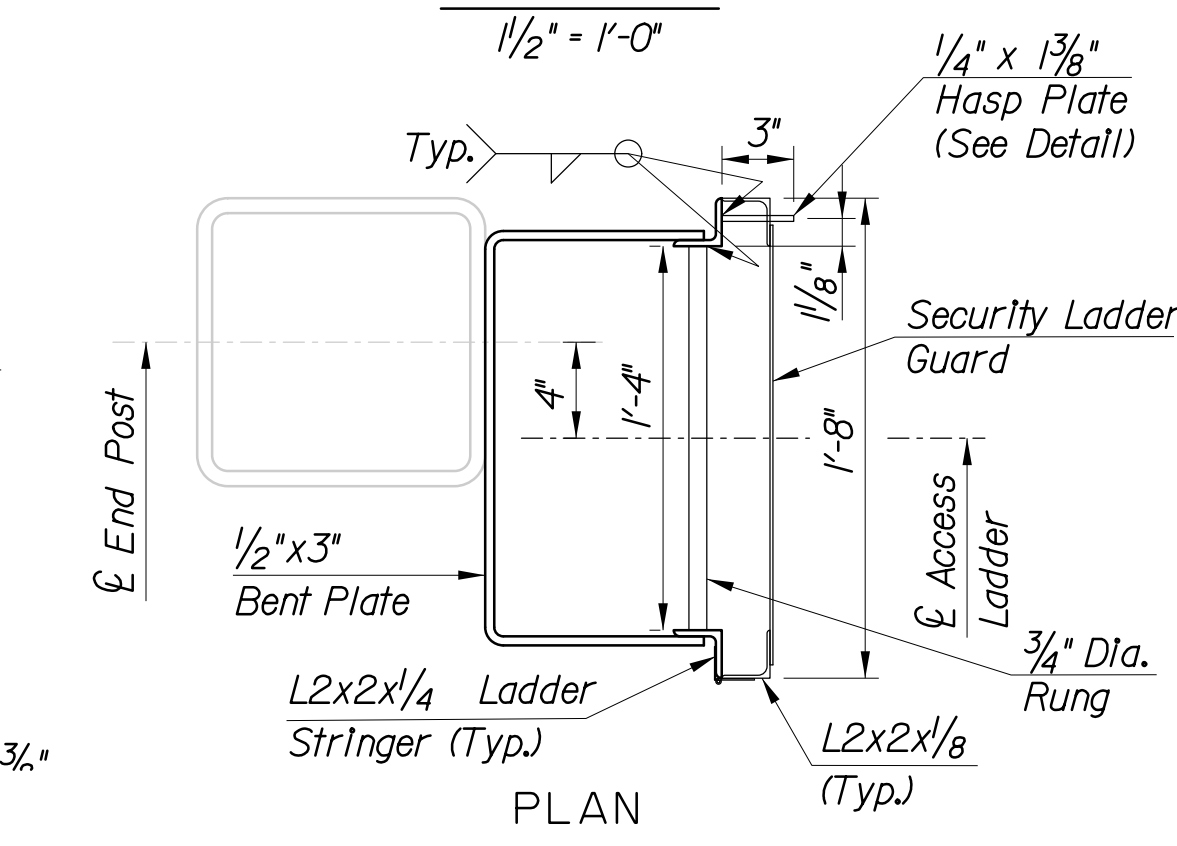
LADDER ATTACHMENT TO PEDESTAL  
(For additional details not shown, see Detail 13)  
1/2" = 1'-0"



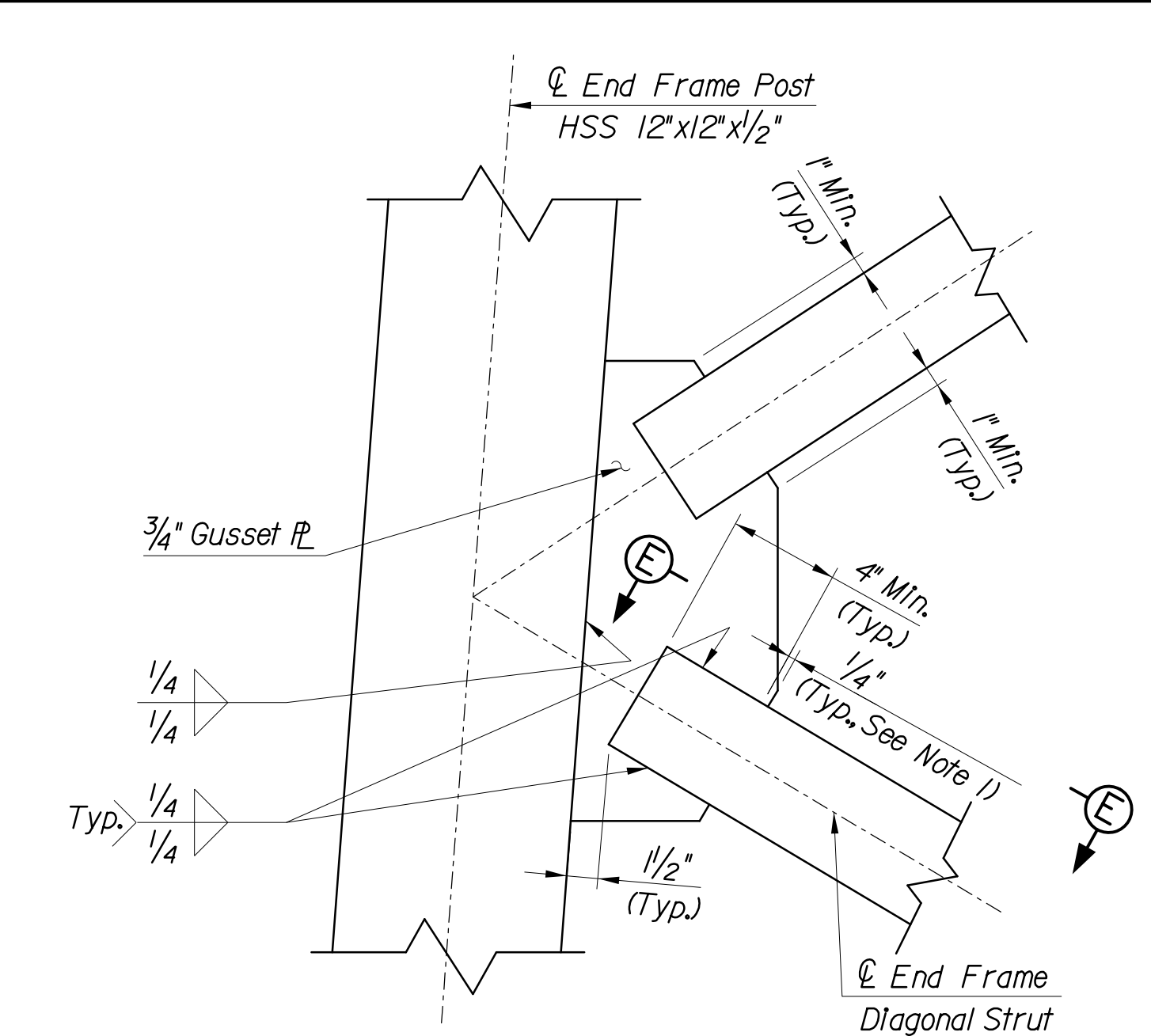
SECURITY LADDER GUARD  
1" = 1'-0"



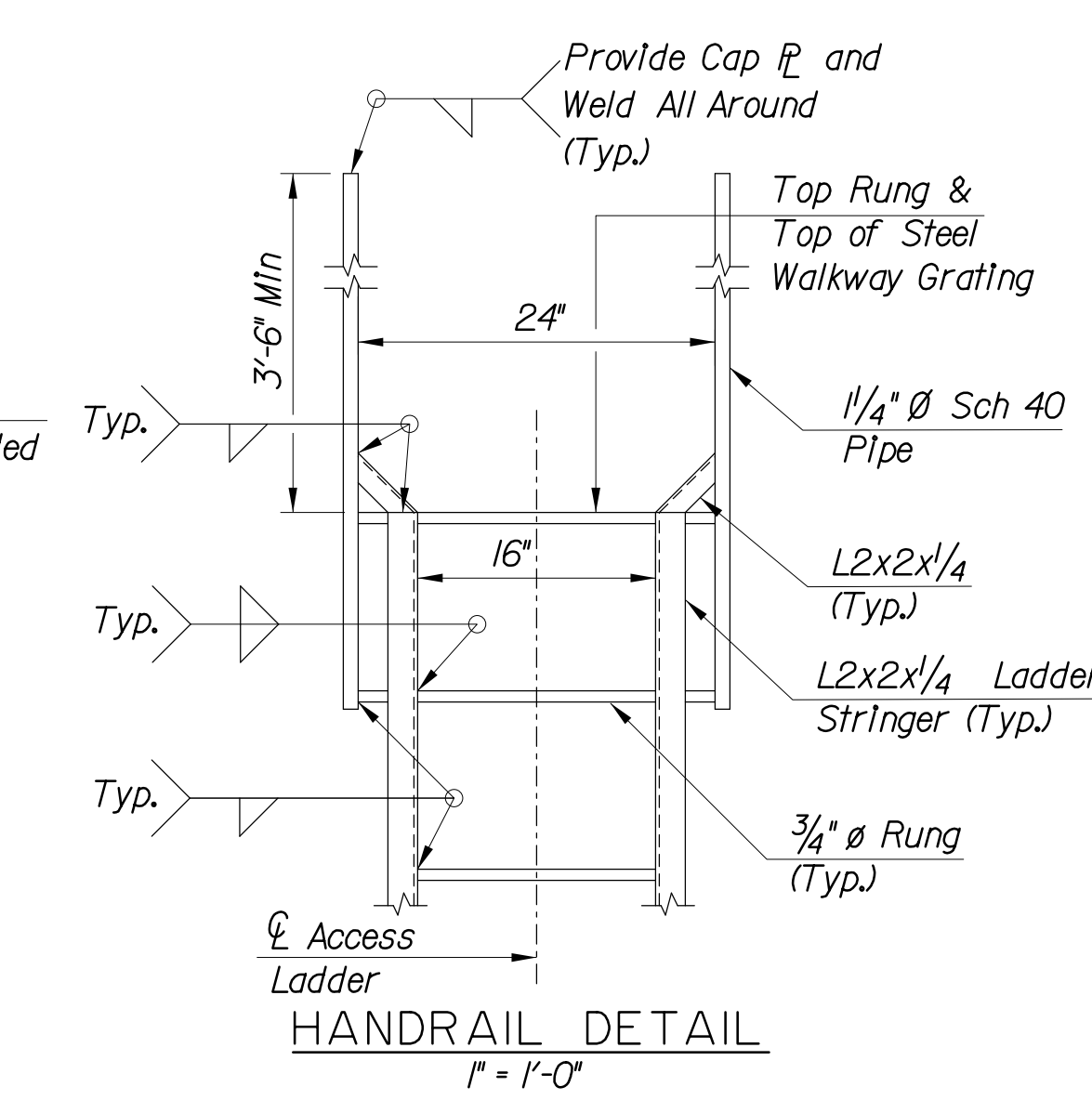
DETAIL 12  
1/2" = 1'-0"



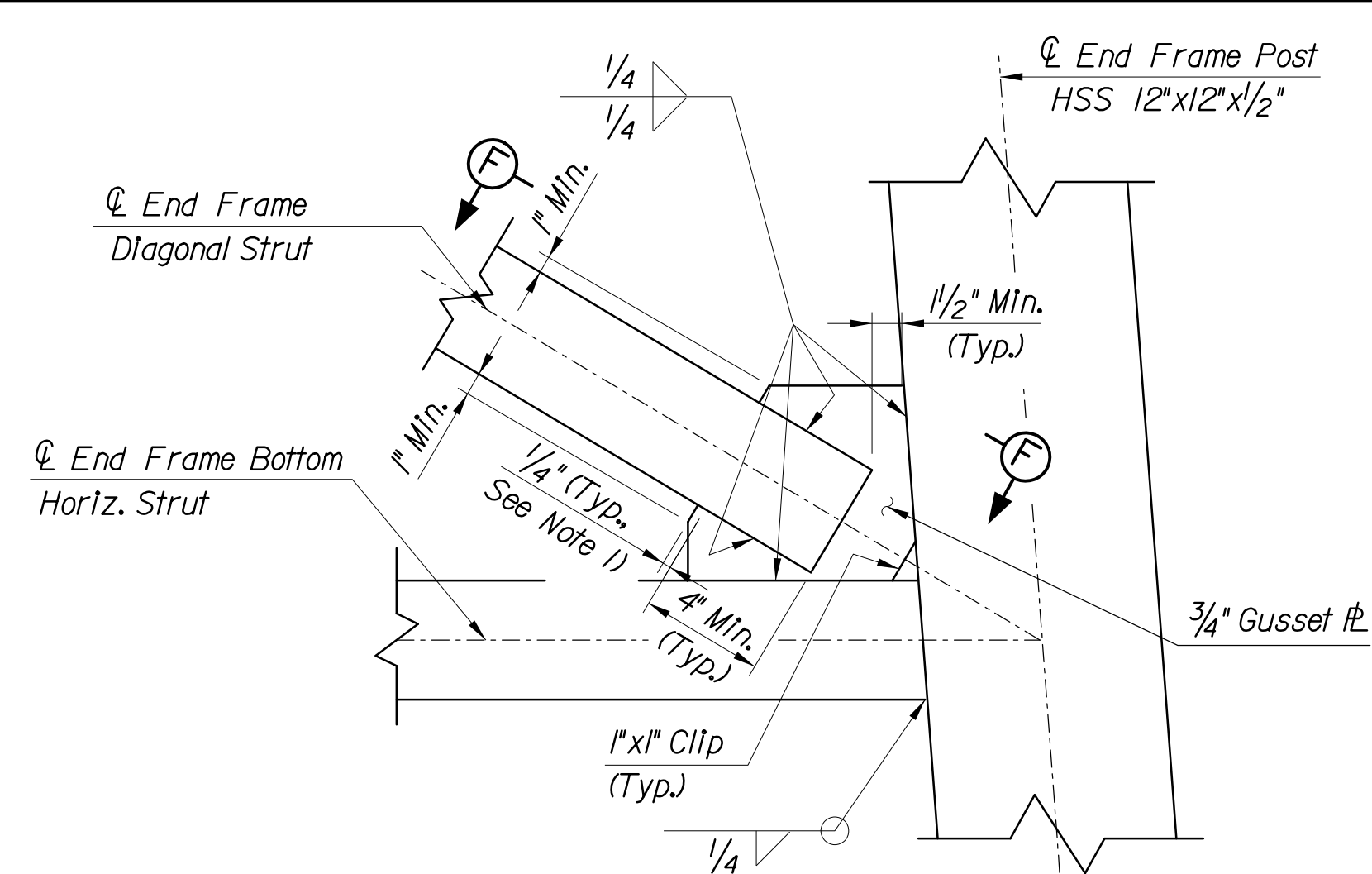
PLAN



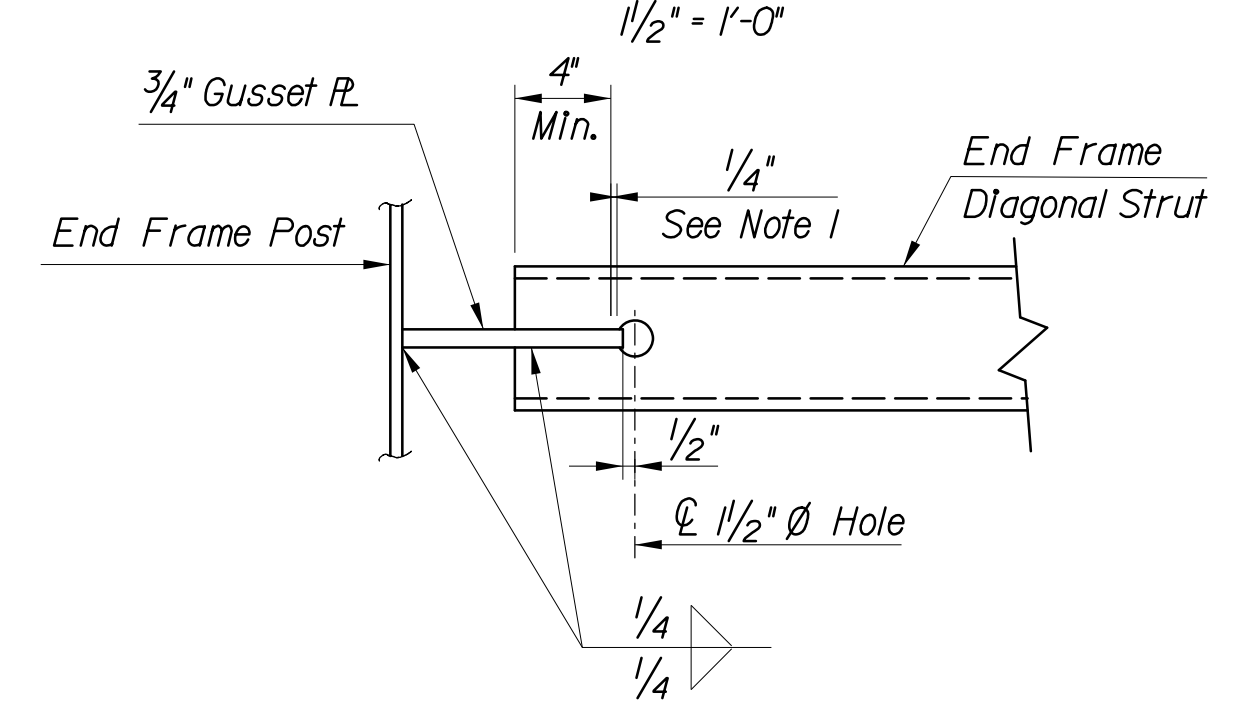
DETAIL 10  
1/2" = 1'-0"



HANDRAIL DETAIL  
1" = 1'-0"



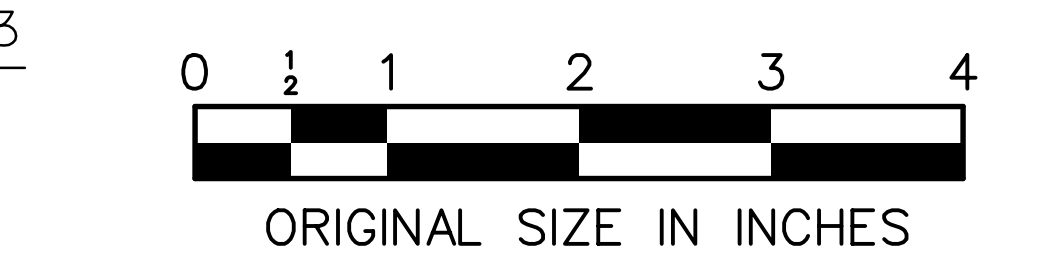
DETAIL 9 (AS SHOWN)  
DETAIL 11 (SIMILAR)  
1/2" = 1'-0"



SECTION E-E (AS SHOWN)  
SECTION F-F (OPP. HD.)  
1/2" = 1'-0"

- NOTES:
1. Welds for HSS to Gusset Plate Connections shall be terminated 1/4" from the edge of the Gusset Plate.
  2. Full penetration welded end post to base plate connection with the backing ring attached to the plate with a continuous fillet weld around the interior face of the backing ring. The thickness of the backing ring shall not exceed 3/8".
  3. For Items List, see Sheet VM-10.
  4. The two base plate templates for each end frame shall be permanently attached to each other while connected to the end frame to ensure proper placement of the anchor bolts during foundation construction. Each template pair shall be clearly labeled as to the correct end post of the structure and an arrow pointing upstation. All markings shall be visible upon placement.
  5. Bent plate supports shall be shop-welded to the end frame and welded or field-bolted with 1/2" dia. bolts to the ladder stringers.
  6. Expanded metal fencing shall be rigidly clamped to the door frame angle prior to welding the tabs to ensure a vibration free operation. Spot repair all damaged galvanizing on fencing and hinges after fabrication in accordance with ASTM A-780.
  7. For location of Security Ladder Guard, Hasp Plate, Handrail and Detail 13, see Sheet VM-6.

DETAIL 13  
(See Note 5)  
1/2" = 1'-0"



ORIGINAL SIZE IN INCHES

APP.	NO.	DATE	REVISION
	2	12/17	REVISED DETAIL 12
	1	4/16	REVISED DETAIL 12
	C	3/14	CONFORMED DRAWING

NEW JERSEY TURNPIKE AUTHORITY  
**NEW JERSEY TURNPIKE**  
OVERHEAD SPAN VMS/VSLs SUPPORT STRUCTURES  
**END FRAME AND LADDER DETAILS**

OFFICE OF THE CHIEF ENGINEER  
NEW JERSEY TURNPIKE AUTHORITY  
WOODBRIDGE NEW JERSEY

2008 STANDARD  
DRAWING **VM-5**  
OF