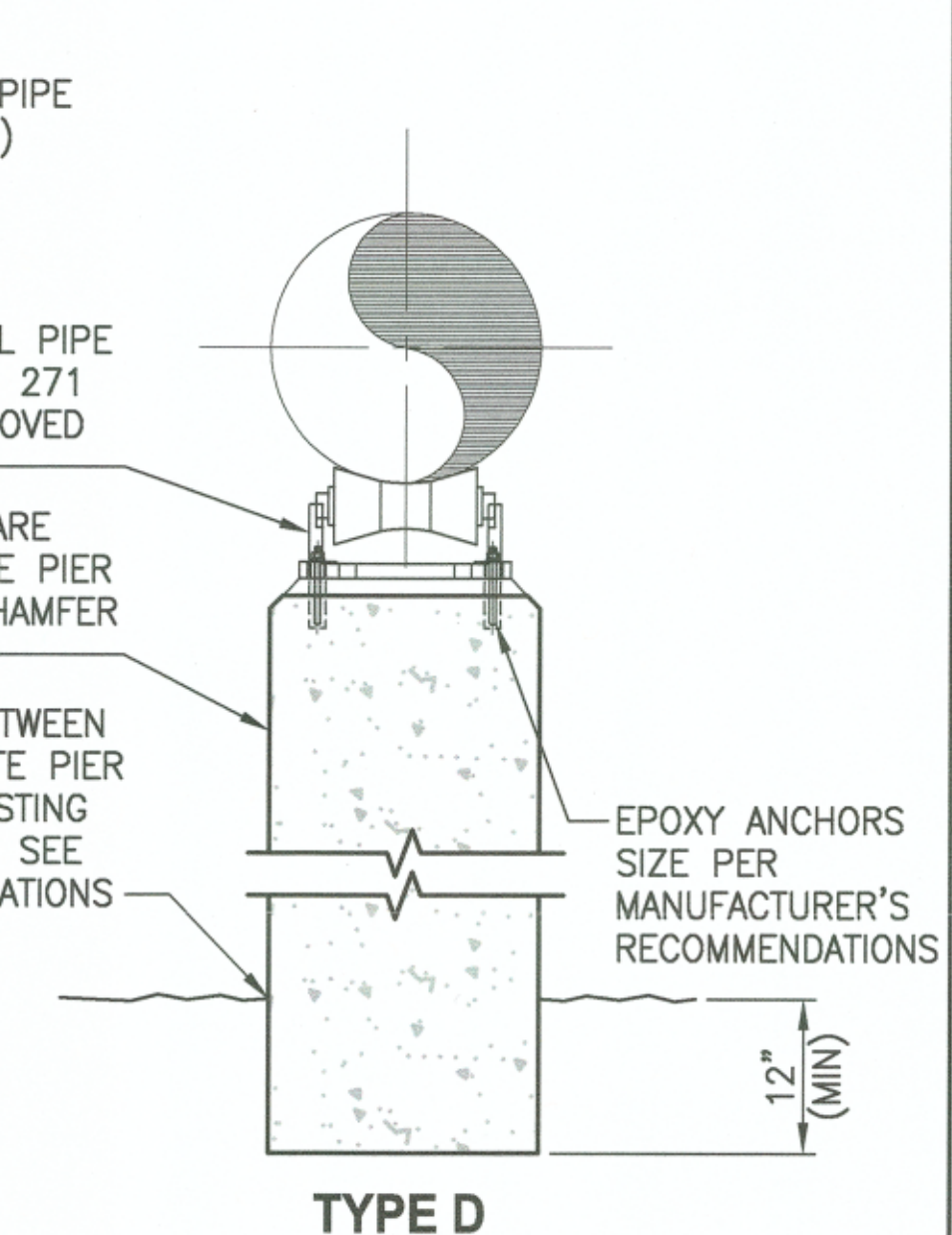
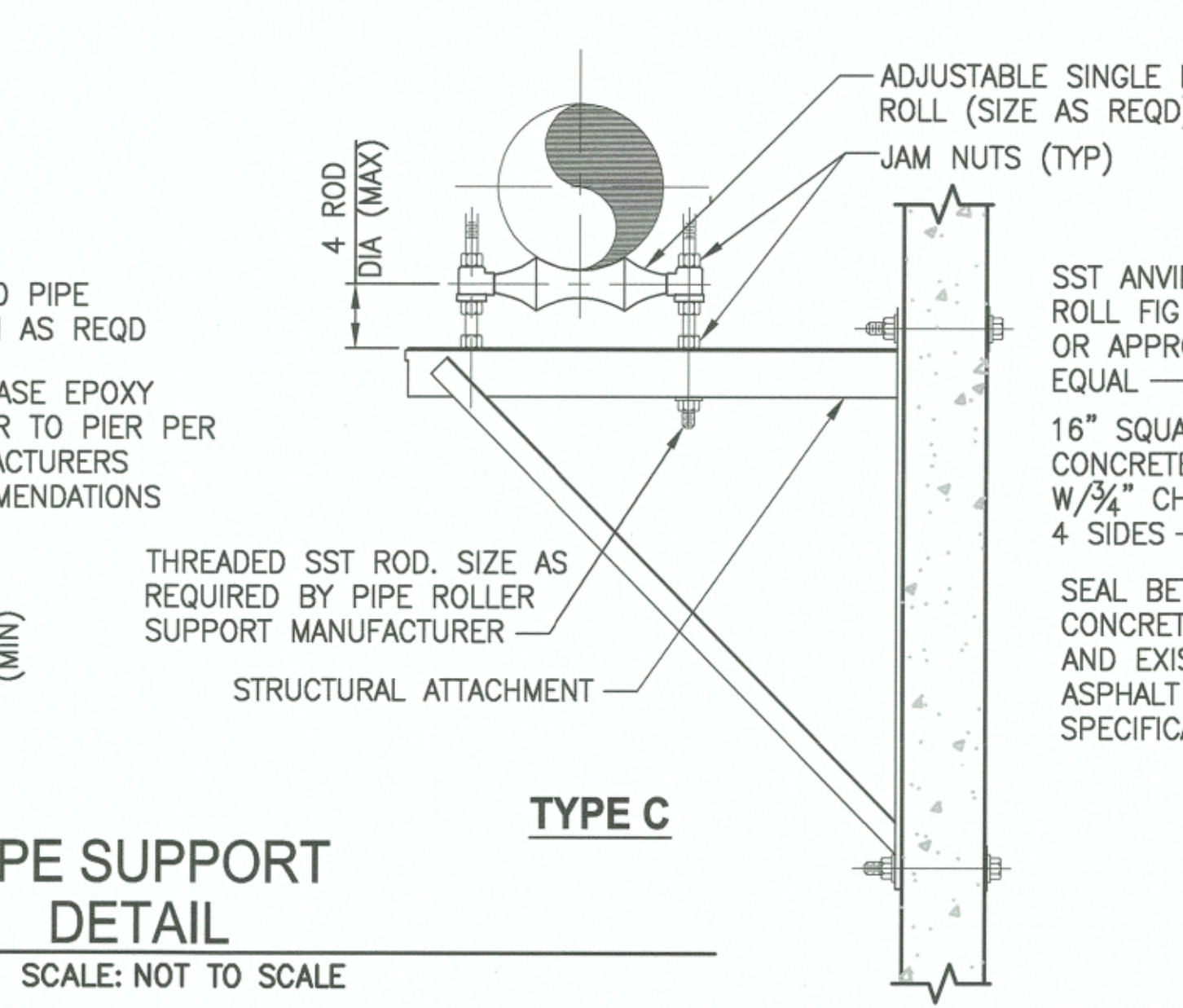
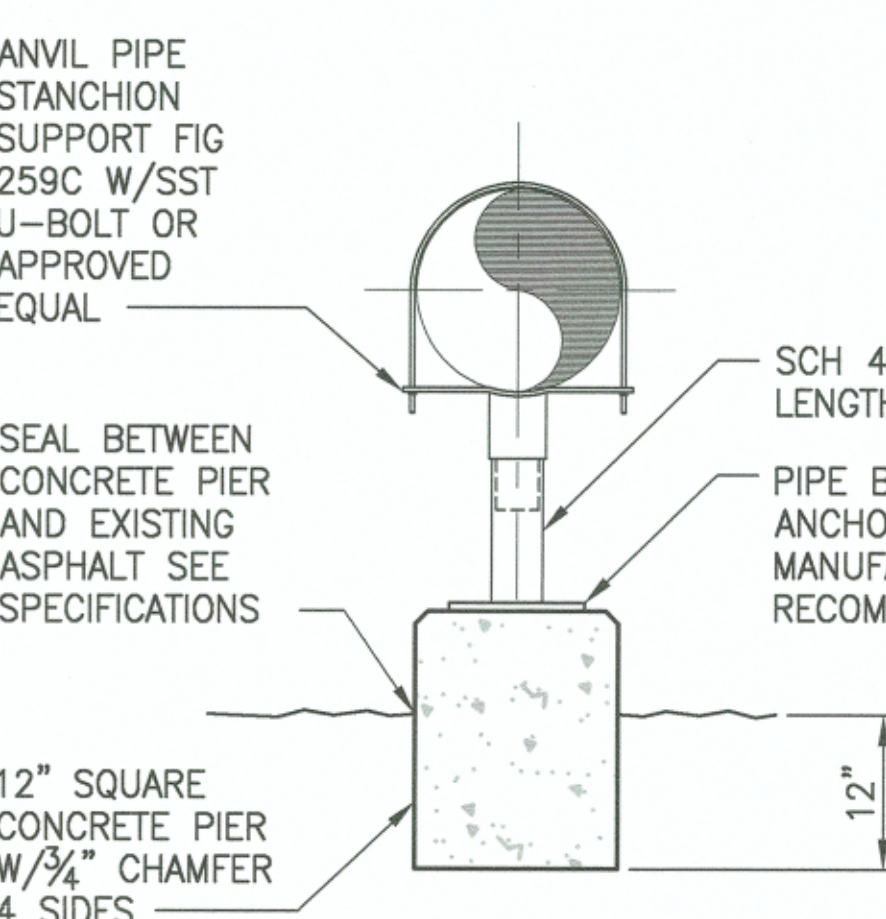
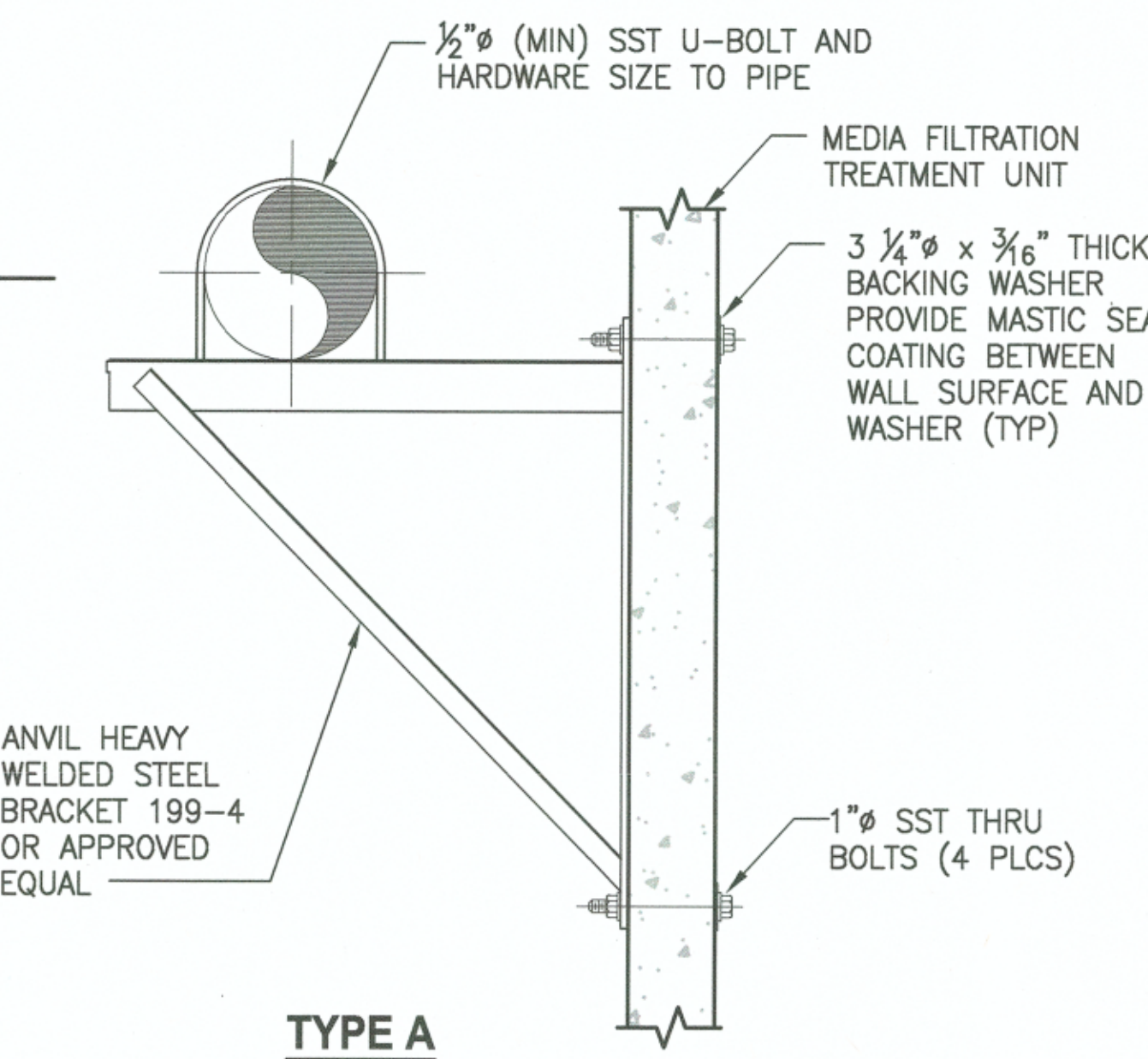
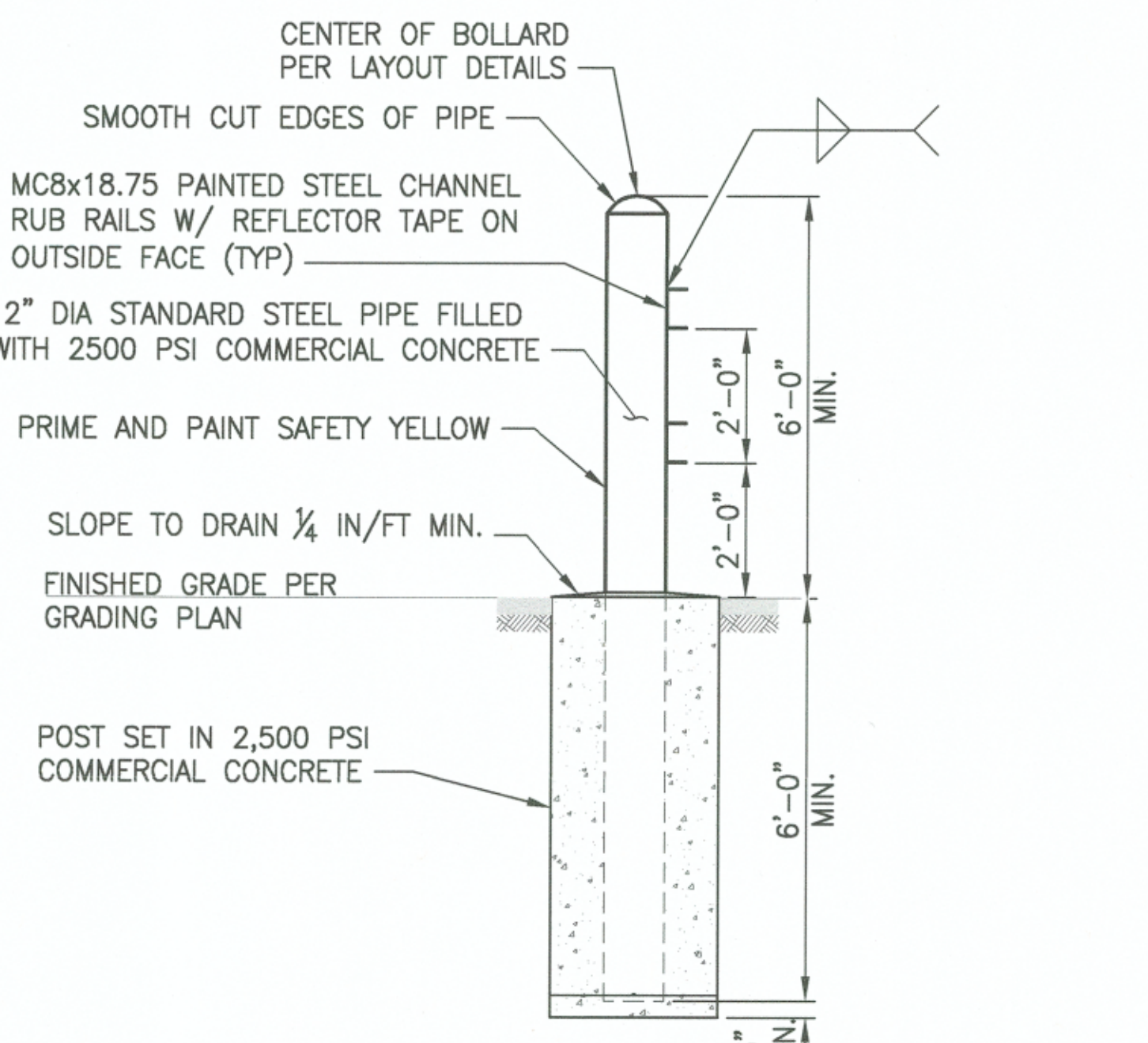
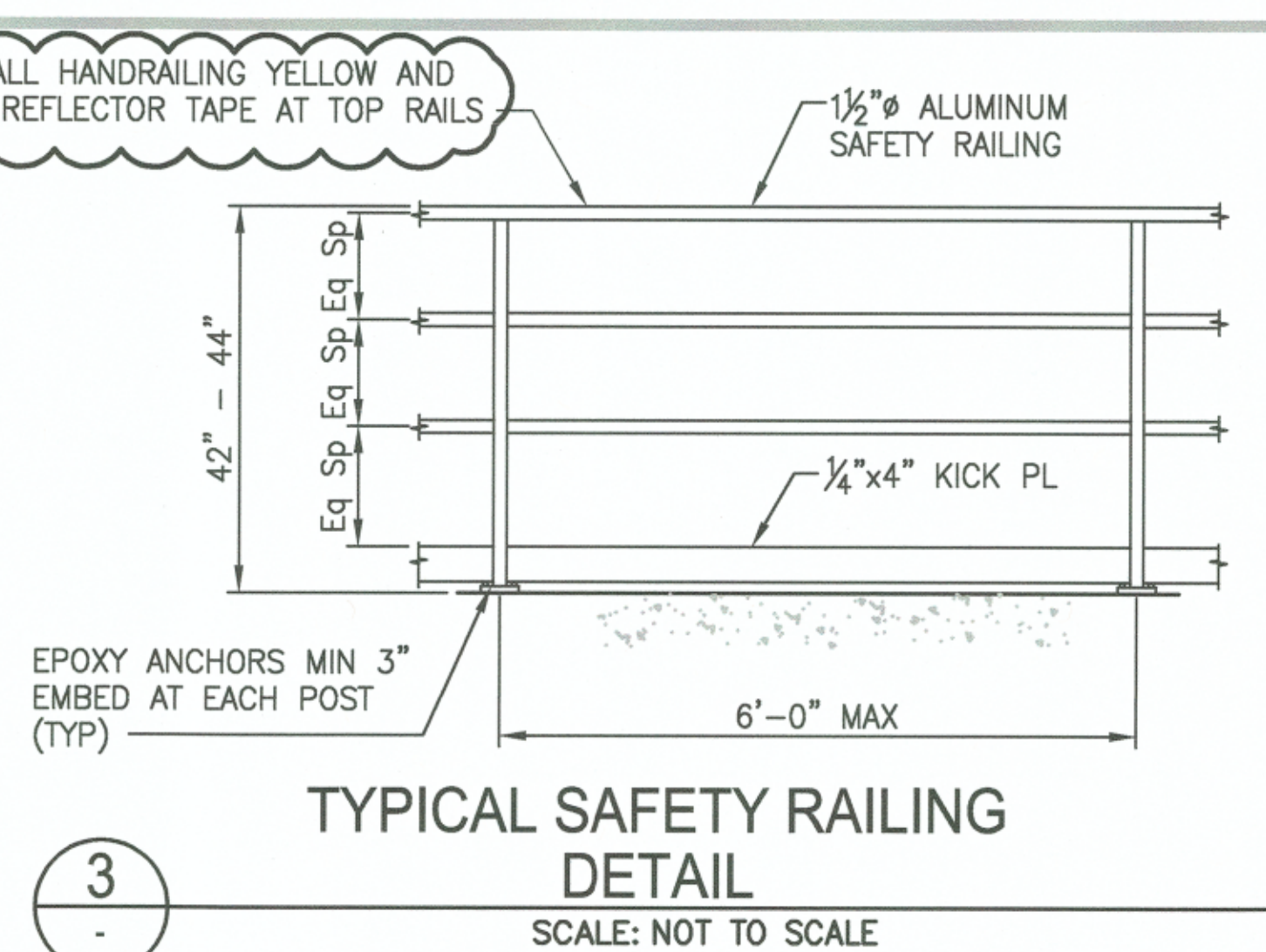
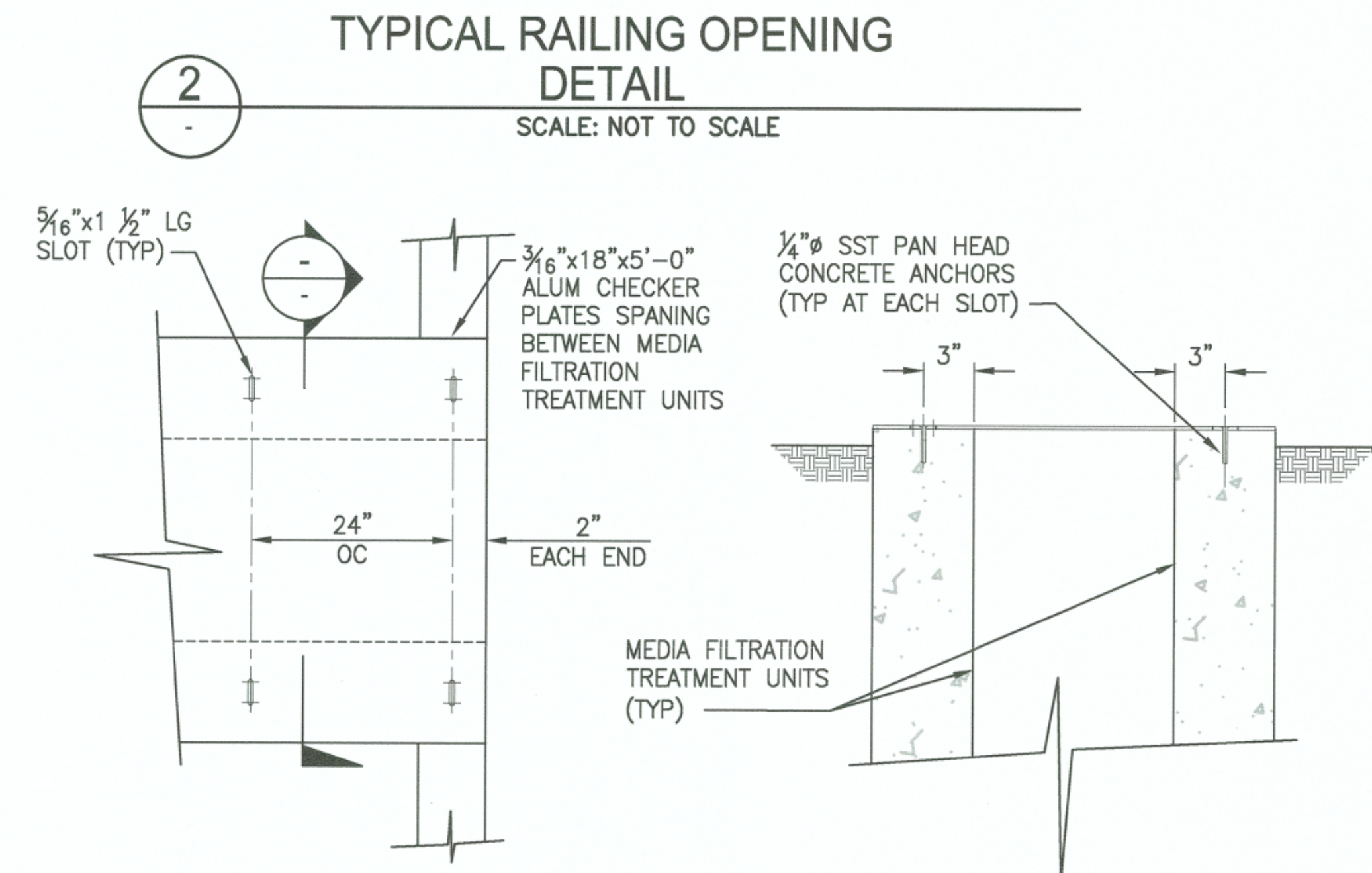


HANDRAILS:

LOADING
LOADS PER 2018 IBC. & ACI 7-10
LIVE LOAD: 60 PSF @ WALKING SURFACES

PIPE RAILING
PIPE RAILS SHALL BE ALUMINUM CONFORMING TO AA SAS-30.
AT OPENINGS, OSHA/WISHA APPROVED SAFETY CHAINS SHALL BE PROVIDED.



NOTES:

- CONTRACTOR SHALL VERIFY DIMENSIONS, ELEVATIONS AND LOCATIONS PRIOR TO CONSTRUCTION.
- SEE SPECIFICATION PRIOR TO CONSTRUCTION.
- SUBMIT ALL REQUIRED SHOP DRAWINGS AND RECEIVE THEIR SATISFACTORY REVIEW FROM THE OWNER'S REPRESENTATIVE, PRIOR TO FABRICATION.
- THE HANDRAIL/GUARDRAIL CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE GOVERNING BUILDING CODE REQUIREMENT NOT TO SCALE (OSHA) FOR HANDRAIL/GUARDRAIL DESIGN AND DETAILS.
- TOE PLATES SHALL BE 1/4"x4" CONTINUOUS PLATE, EXCEPT AT STAIRS AND LANDINGS. SPLICES SHALL BE BOLTED.
- WHERE HANDRAIL/GUARDRAIL TURNS A CORNER OR TERMINATES PROVIDE A POST WITHIN 12" OF THE END OR CORNER.
- ALL FASTENERS AND HARDWARE SHALL BE STAINLESS STEEL UNLESS NOTED OTHERWISE.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR PIPE SUPPORT SYSTEM. PROVIDED TYPES ARE GENERIC IN NATURE (IE ROLLER AND OR FIXED SUPPORT). CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE REQUIREMENTS FOR PIPE SUPPORT AND DETAILS.

6583	S10	SH 27 OF 47	CONTR/CONS: 070664	M. ID: 201024.01	PHASE: BID SET	DRAWING SCALE: AS NOTED	PARCEL: SEE G02	TOWNSHIP: 21N	RANGE: 3E	SECTIONS: 33 & 34	VERT: MLLW	DATE-HRZ: WA83-S	PRINTED BY: onderbru May 16, 2018	DIRECTOR ENG. DATE 5-16-18	APPROVED: <i>Joan L. Landerberg</i>	BS APR 2018	CHECKED BY DATE	SAW APR 2018	PROJ. ENGR DATE	PORT ADDRESS: ONE SITCUM PLAZA	TACOMA, WA 98401-1837	MAY 16, 2018	WITHOUT WRITTEN PERMISSION
WEST SITCUM STORMWATER TREATMENT STRUCTURAL DETAILS																							
Port of Tacoma ENGINEERING PLANNING & ENVIRONMENTAL SCIENCES 600 WASHINGTON AVENUE, SUITE 590 BREMERTON, WA 98337 P 360.377.0034 WWW.PARAMETRIX.COM																							
Parametrix P.O. BOX 1837 TACOMA, WA 98401 (203)383-3441																							
BY: SW REVISION: 4 ADDENDUM 4 DATE: 5/16/18 APPR: SW																							