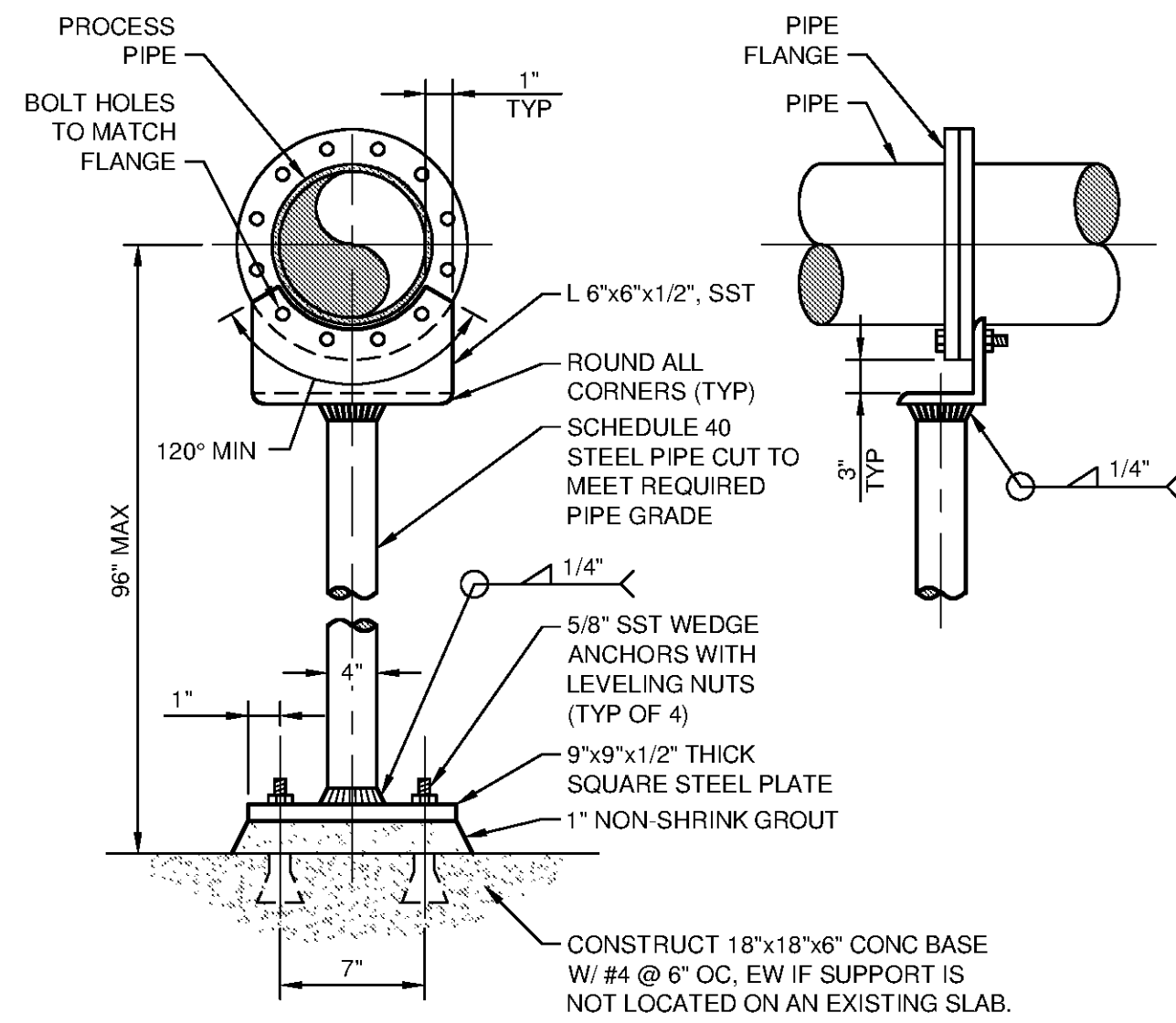


PIPE SUPPORT - FLANGE

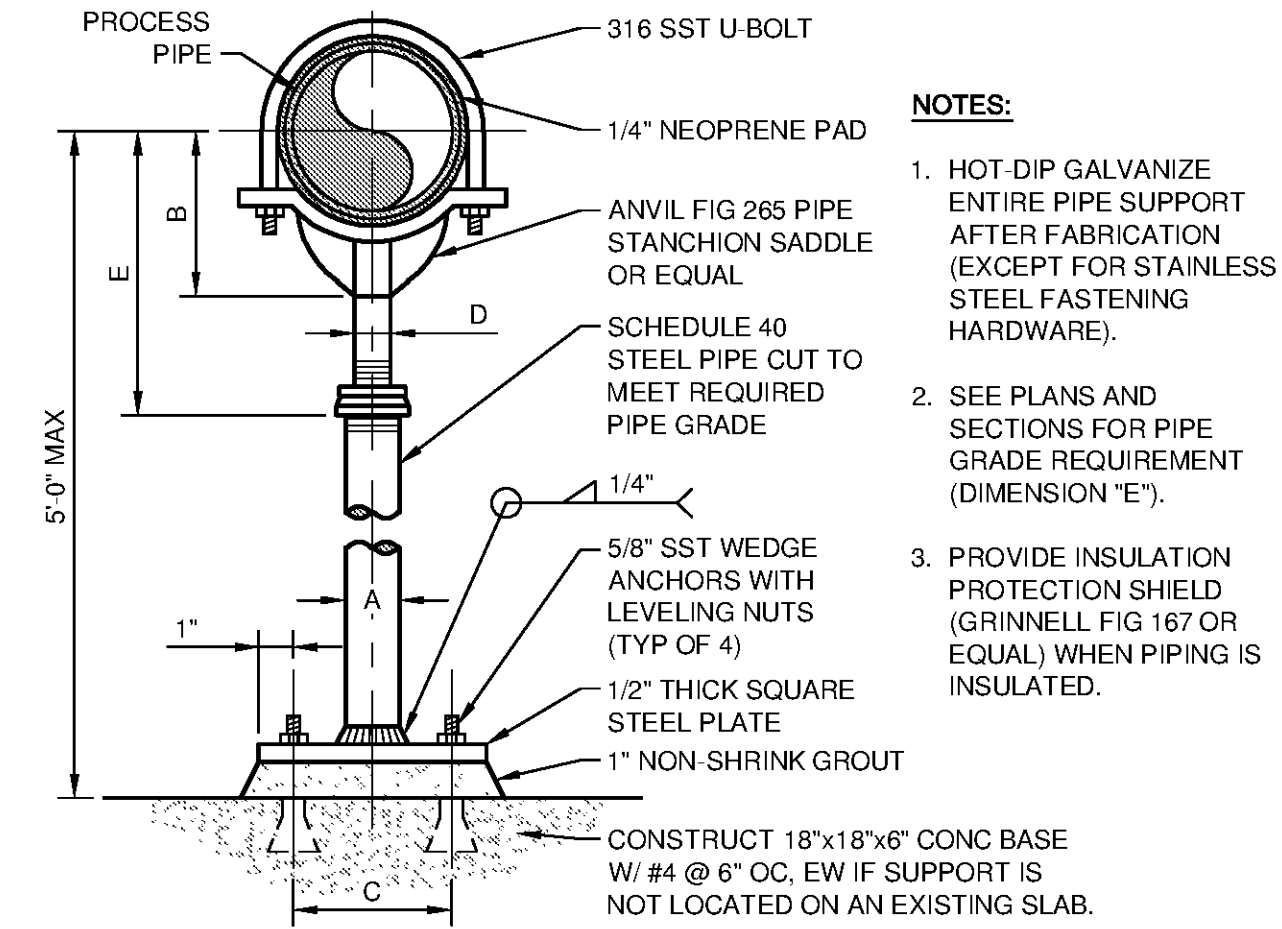


NOTES:

- HOT-DIP GALVANIZE ENTIRE PIPE SUPPORT AFTER FABRICATION (EXCEPT FOR STAINLESS STEEL FASTENING HARDWARE).
- SEE PLANS AND SECTIONS FOR PIPE GRADE REQUIREMENT.
- PIPE SUPPORT SUITABLE FOR PIPE SIZES 3" THROUGH 24" DIA.

1 DETAIL
SCALE: NTS

PIPE SUPPORT - ADJUSTABLE STANCHION W/ U-BOLT



NOTES:

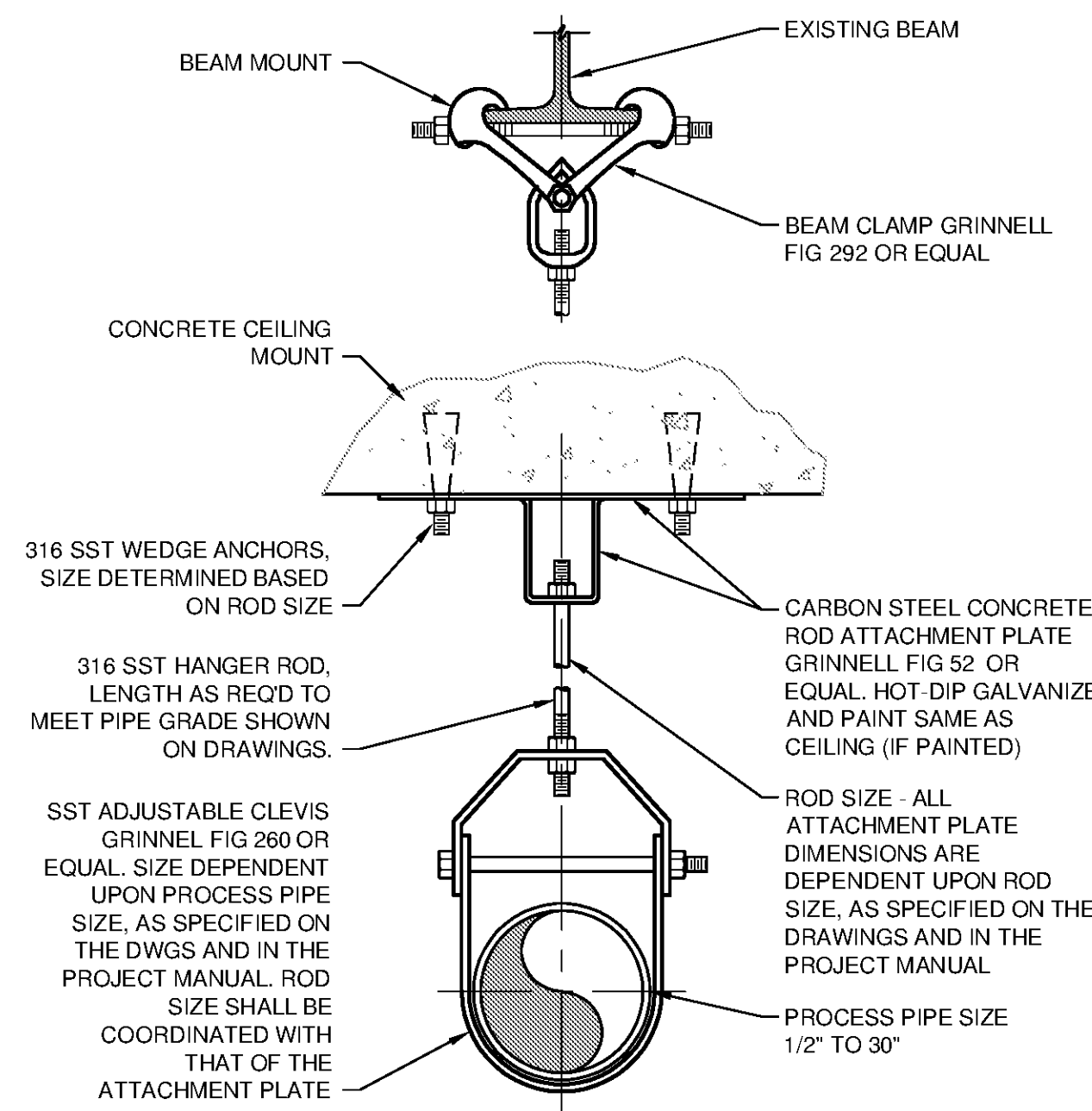
- HOT-DIP GALVANIZE ENTIRE PIPE SUPPORT AFTER FABRICATION (EXCEPT FOR STAINLESS STEEL FASTENING HARDWARE).
- SEE PLANS AND SECTIONS FOR PIPE GRADE REQUIREMENT (DIMENSION "E").
- PROVIDE INSULATION PROTECTION SHIELD (GRINNELL FIG 167 OR EQUAL) WHEN PIPING IS INSULATED.

PIPE SIZE	A	B	C	D	E	
					MIN	MAX
4	4	4 3/16	7	3	9 1/2	14
6	4	5 7/16	7	3	10 3/4	15 1/4
8	4	6 15/16	7	3	12 1/4	16 3/4
10	4	8 7/16	7	3	13 3/4	18 1/4
12	4	9 15/16	7	3	14 5/8	19 1/8
16	4	11 1/2	7	3	16 13/16	21 5/16
18	6	13 1/2	9	3 1/2	19 1/8	23 5/8
20	6	14 1/2	9	3 1/2	20 1/8	24 5/8
24	6	17 1/2	9	4	23 5/16	27 13/16

*ALL DIMENSIONS IN INCHES.

2 DETAIL
SCALE: NTS

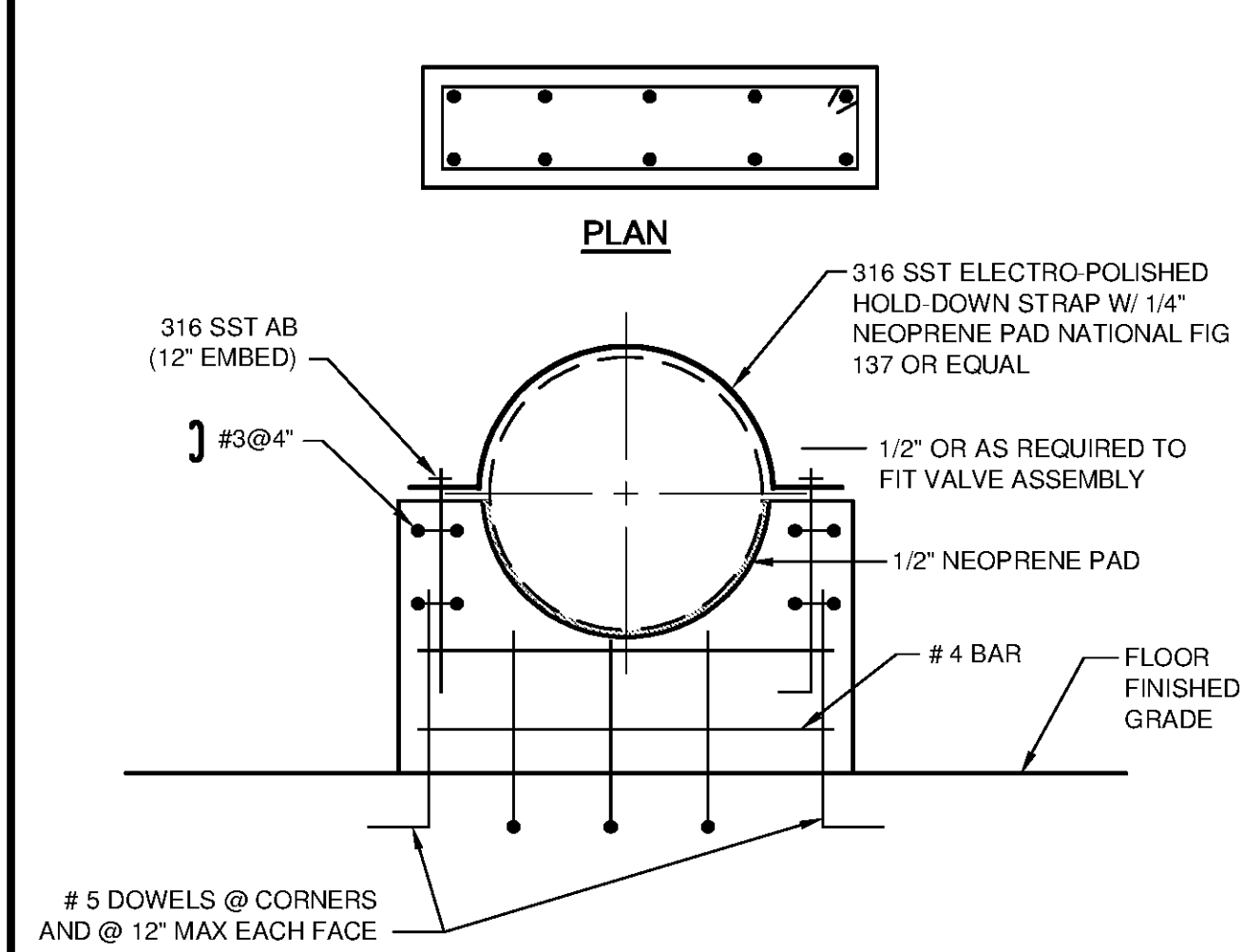
PIPE SUPPORT - HANGER CLEVIS AND PLATE



NOTE: FOR CORROSIVE APPLICATIONS, USE AICKINSTRUT FIBERGLASS CLEVIS HANGER. NON-METALLIC NUTS & BOLTS, FRP RODS AND ROD COUPLINGS. ROD ATTACHMENT PLATE AND CONNECTION HARDWARE TO BE NON-METALLIC.

3 DETAIL
SCALE: NTS

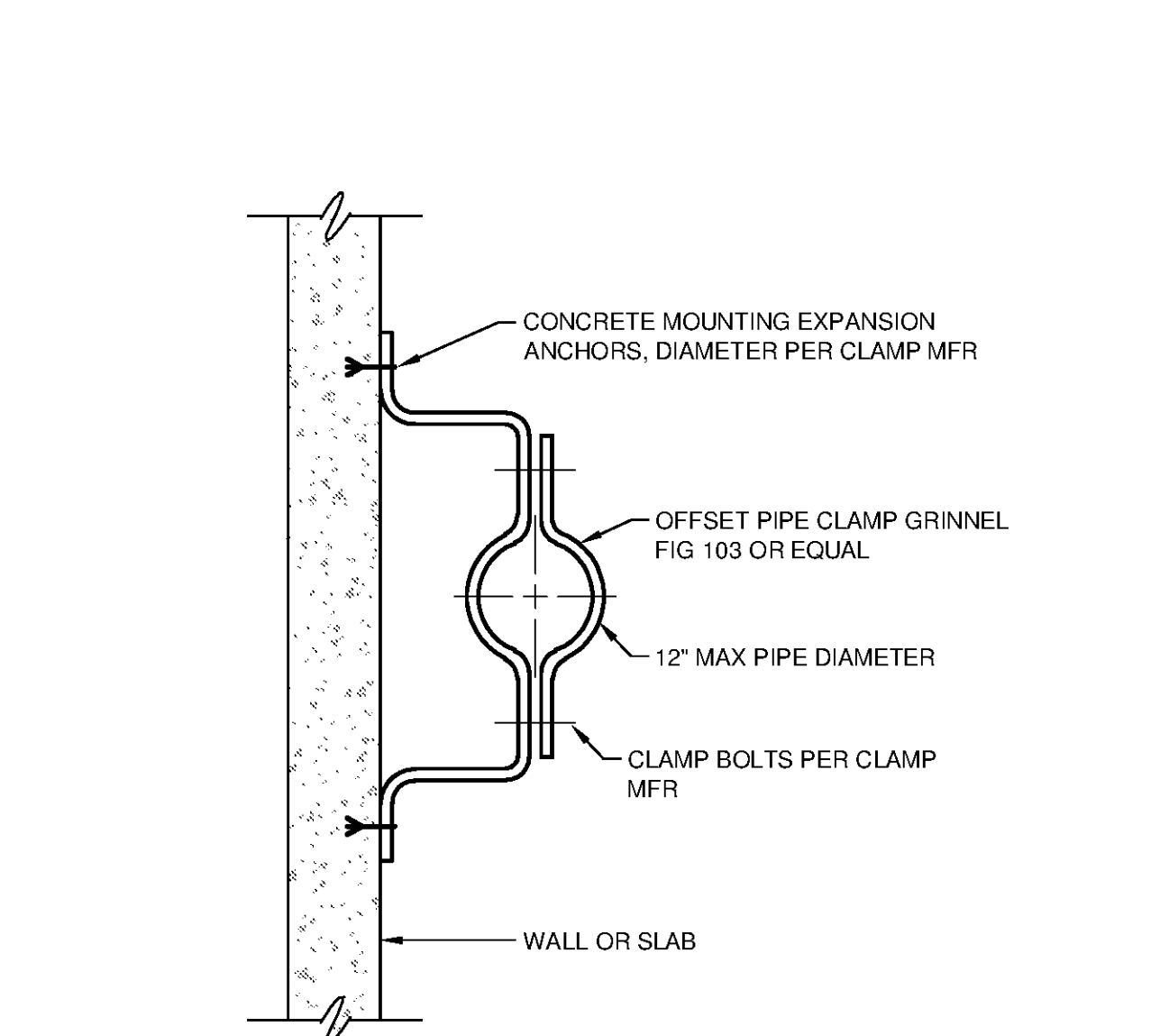
PIPE SUPPORT - CONCRETE SADDLE



PIPE DIAMETER "D" (IN)	MINIMUM WIDTH "W" (IN)	ANCHOR BOLT DIA (IN)
12 ≤	10	5/8
16 ≤	12	5/8
24 ≤	16	5/8
36 ≤	24	3/4

4 DETAIL
SCALE: NTS

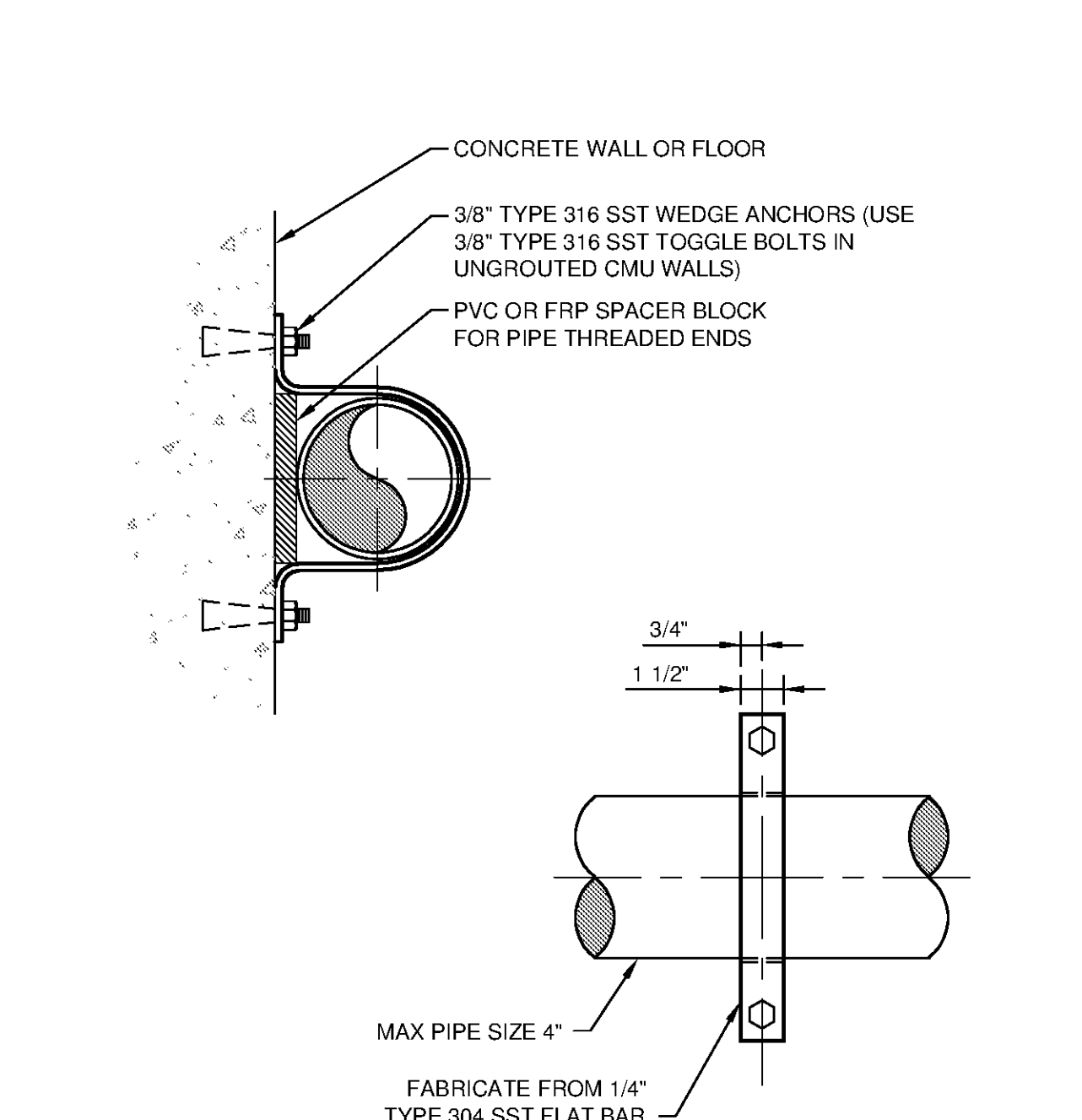
PIPE SUPPORT - OFFSET



NOTE: ALL MATERIALS OF CONSTRUCTION SHALL BE 316 STAINLESS STEEL OR ALUMINUM. ALL MOUNTING HARDWARE SHALL BE 316 STAINLESS STEEL.

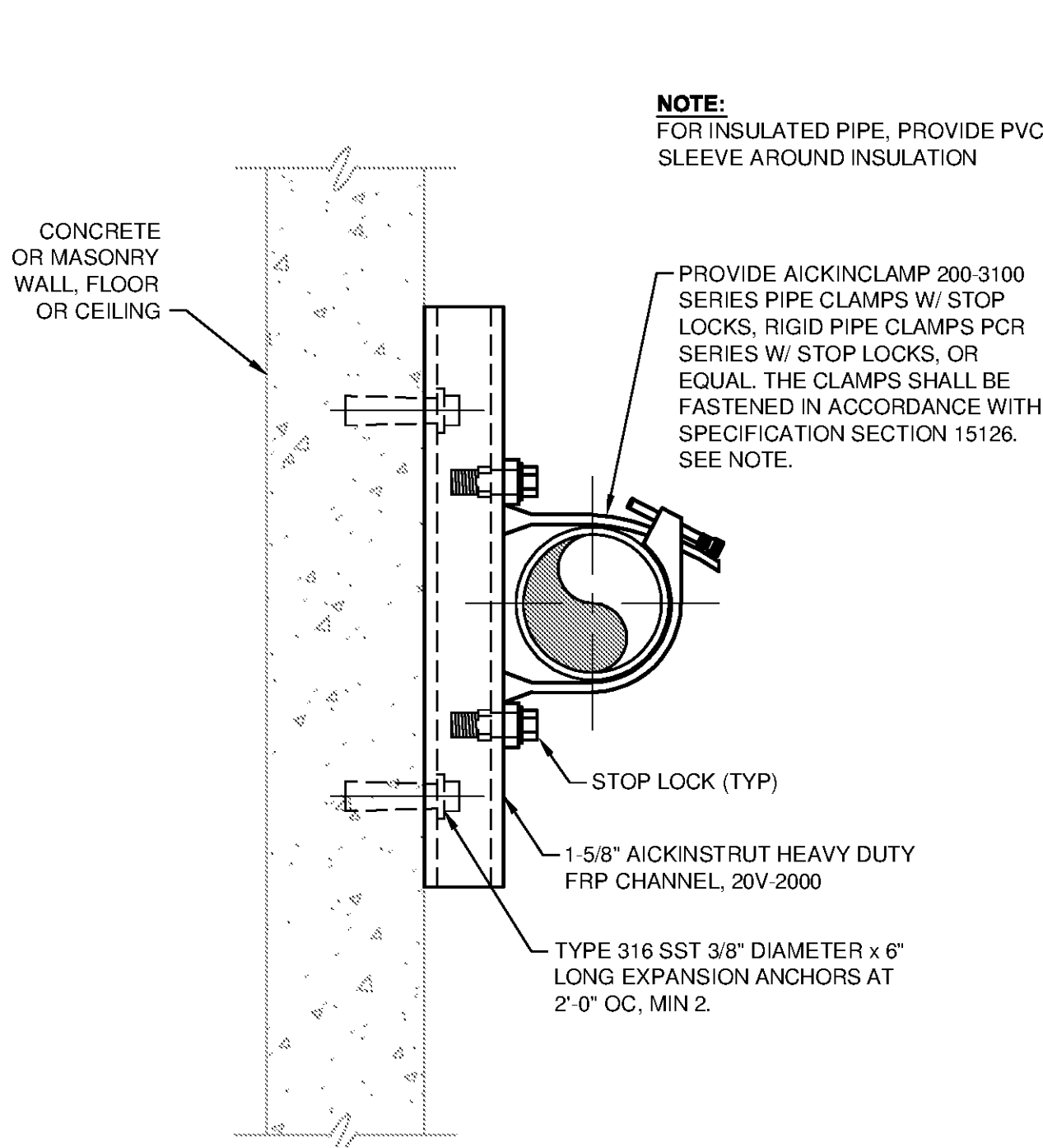
5 DETAIL
SCALE: NTS

PIPE SUPPORT - FLUSH



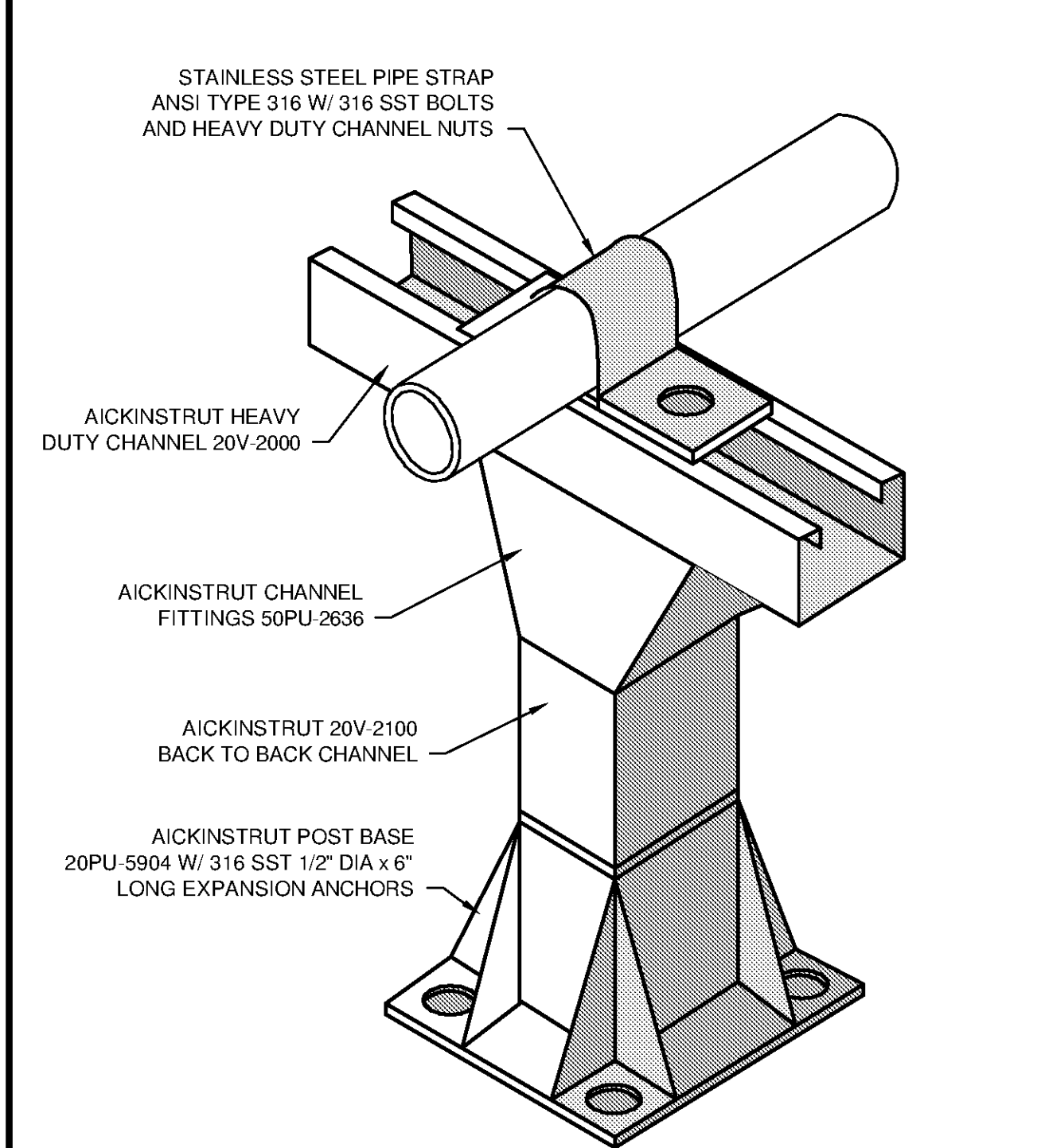
6 DETAIL
SCALE: NTS

PIPE SUPPORT - NON-METALLIC



7 DETAIL
SCALE: NTS

PIPE SUPPORT - NON-METALLIC STANCHION

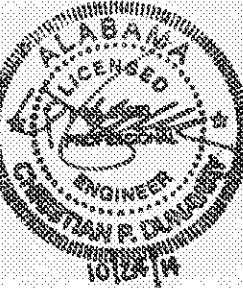


8 DETAIL
SCALE: NTS

10/17/2014 3:50:27 PM P:\IER\11740200-11740-10003\CAD\SHEET\TREATMENT PLANT\WTP-D-9503\STANDARD PROCESS DETAILS.DWG - EVANS, JON



BID SET



MARK	DATE	DESCRIPTION

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT
STANDARD PROCESS DETAILS

Project No.: 200-11740-10003
Designed By: JEC
Drawn By: JTE
Checked By: JPT

D-9503

Bar Measures 1 inch

Copyright: Tetra Tech