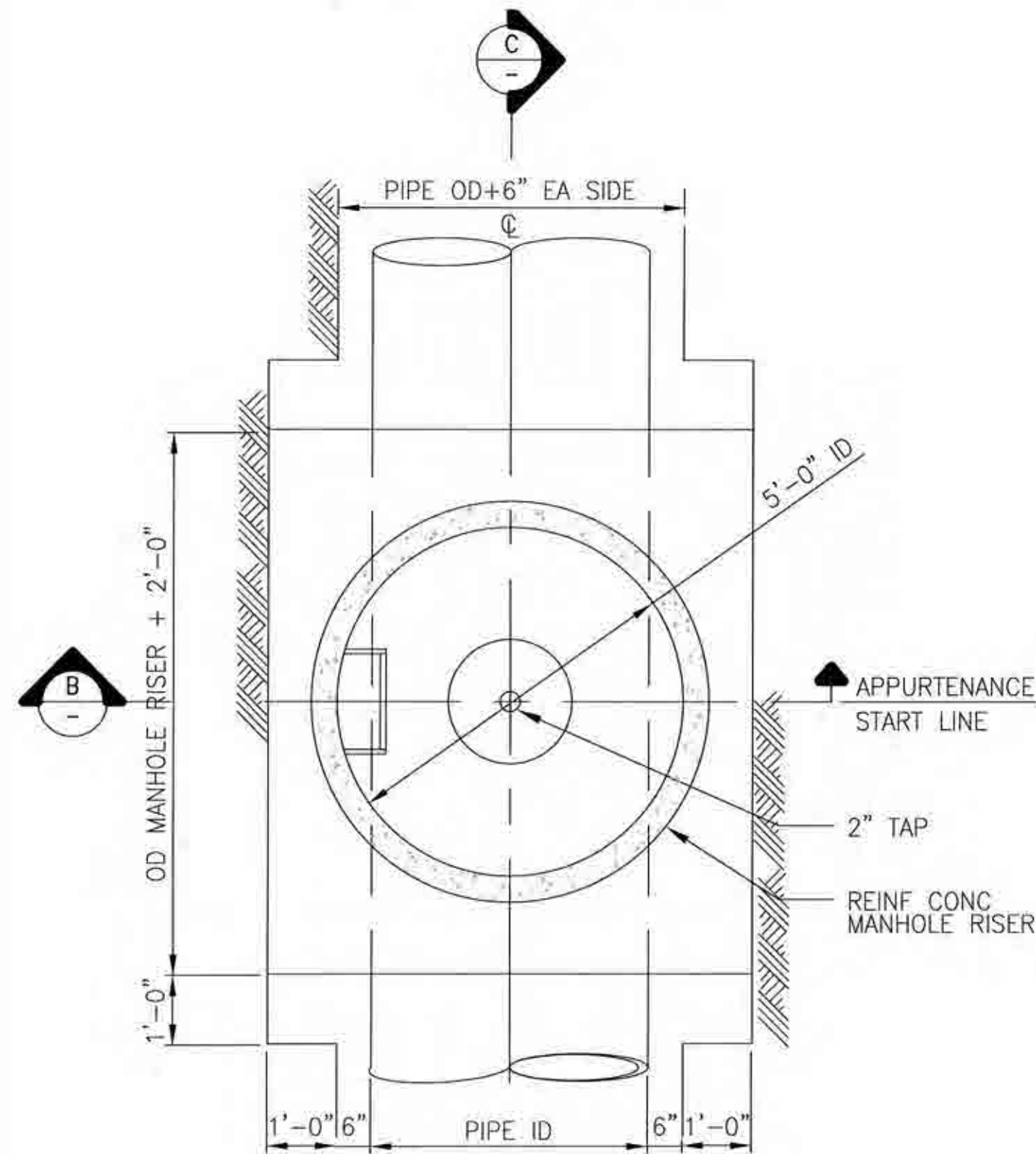
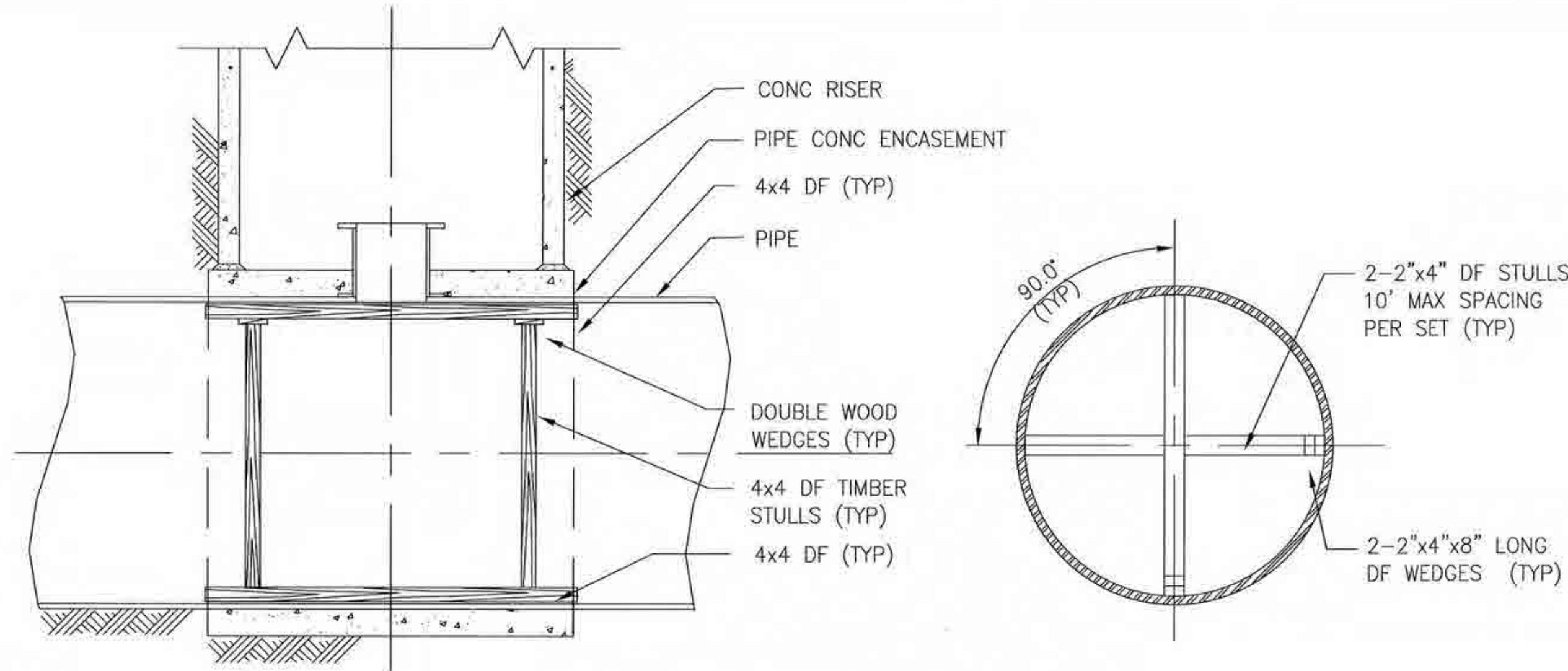


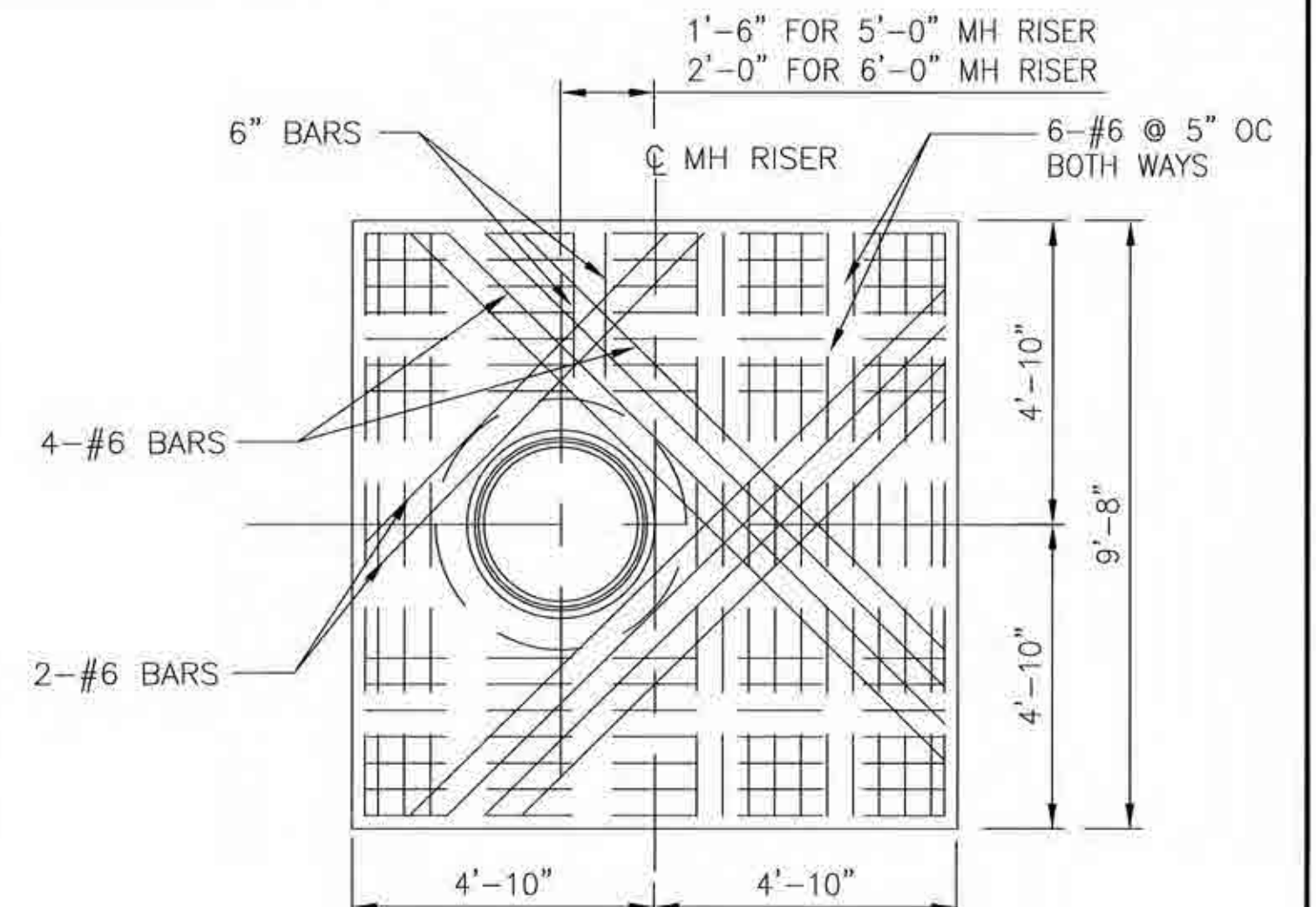
SECTION B
N.T.S.



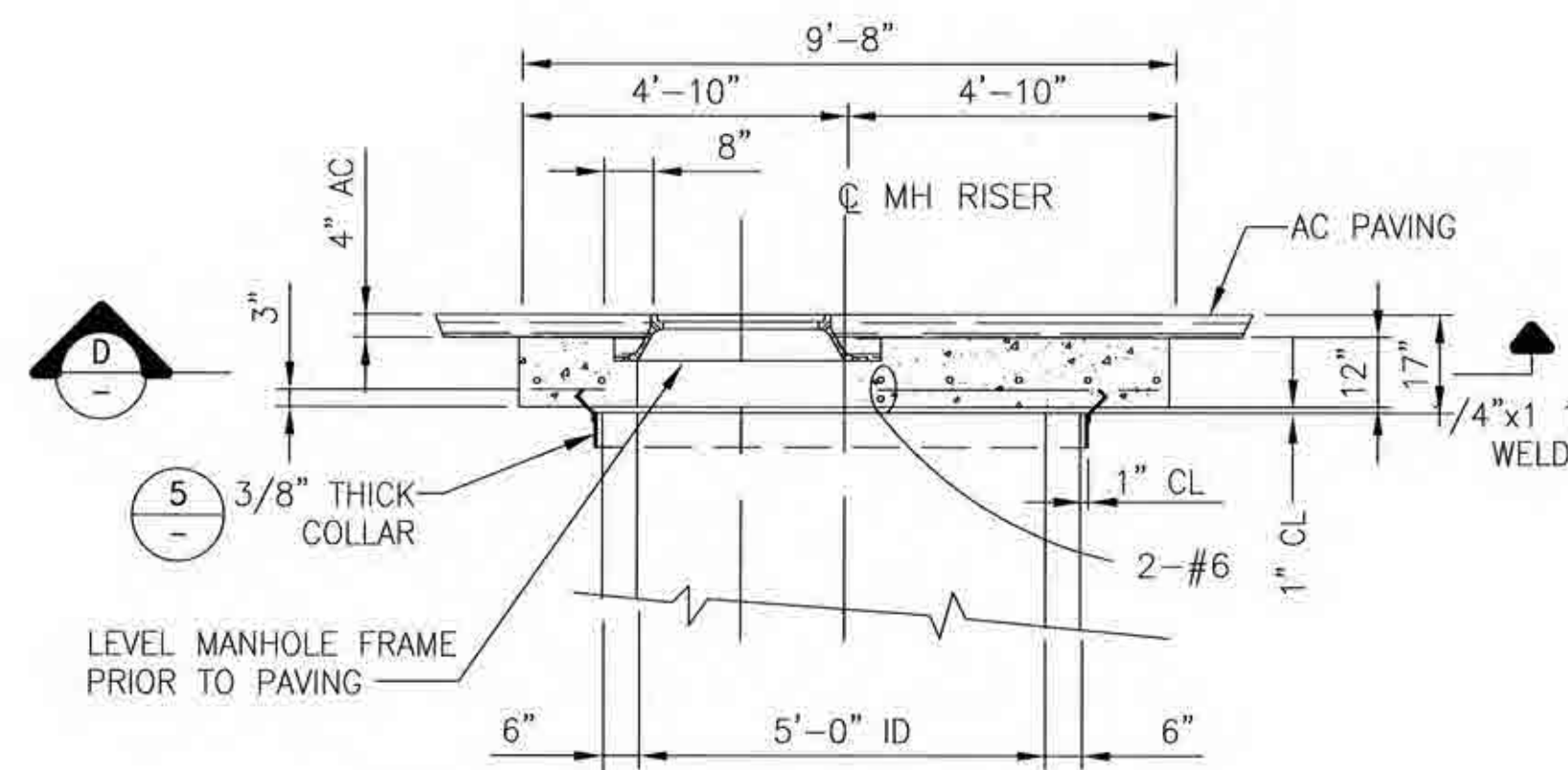
PIPE ENCASEMENT - PLAN DETAIL
WHEN MANHOLE RISER IS ON TOP OF PIPE
N.T.S.



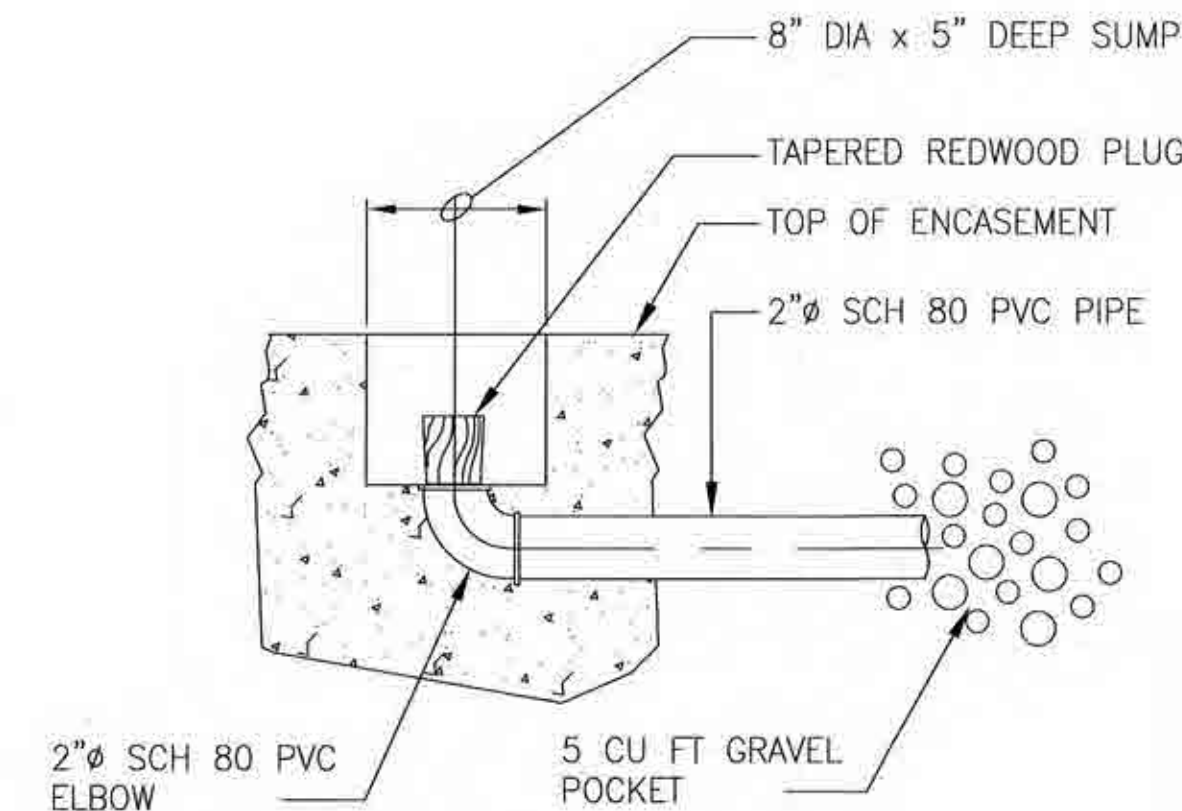
STULLING AT ACCESS RISER
N.T.S.



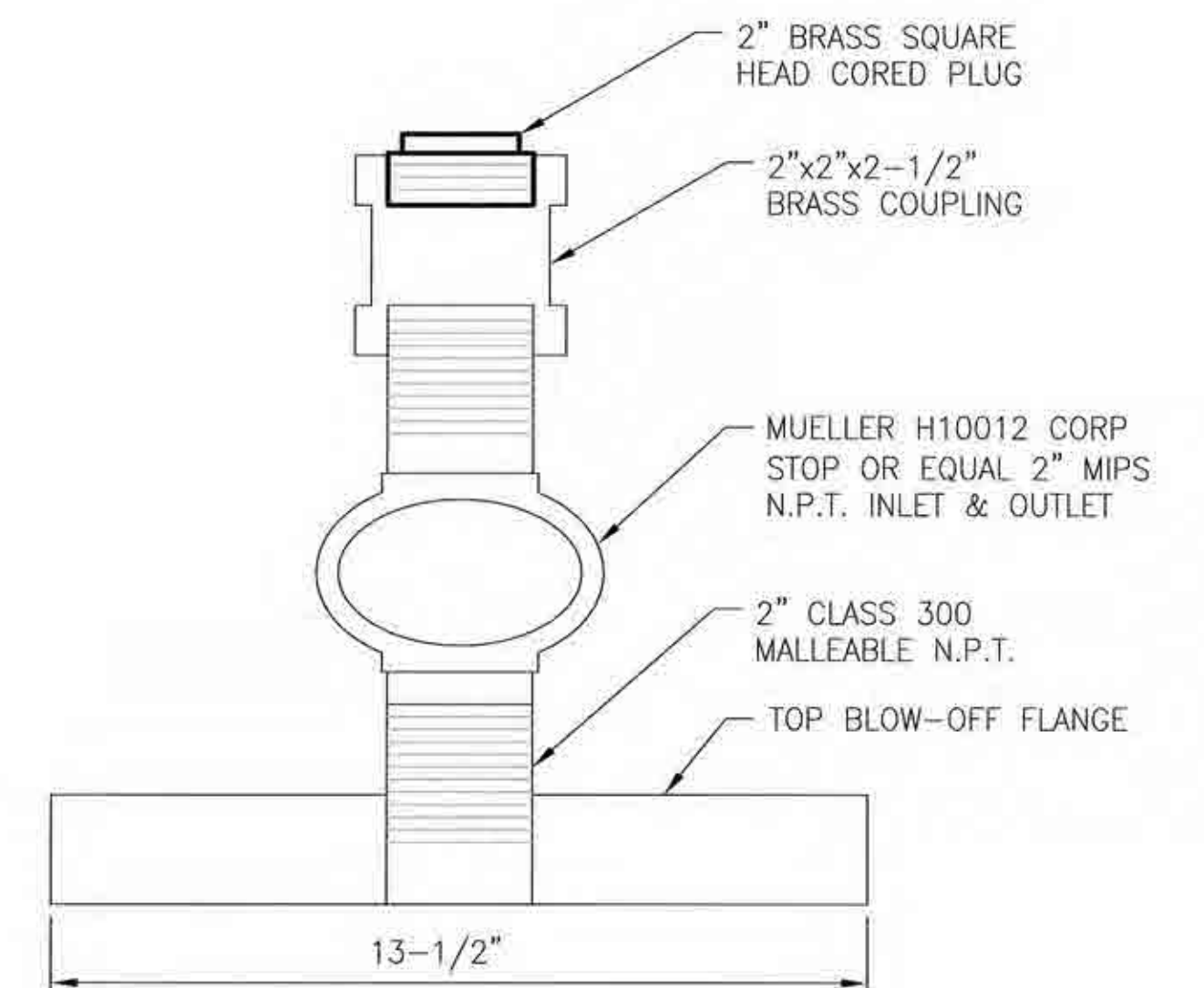
CONCRETE SLAB
N.T.S.



DETAIL 2
N.T.S.



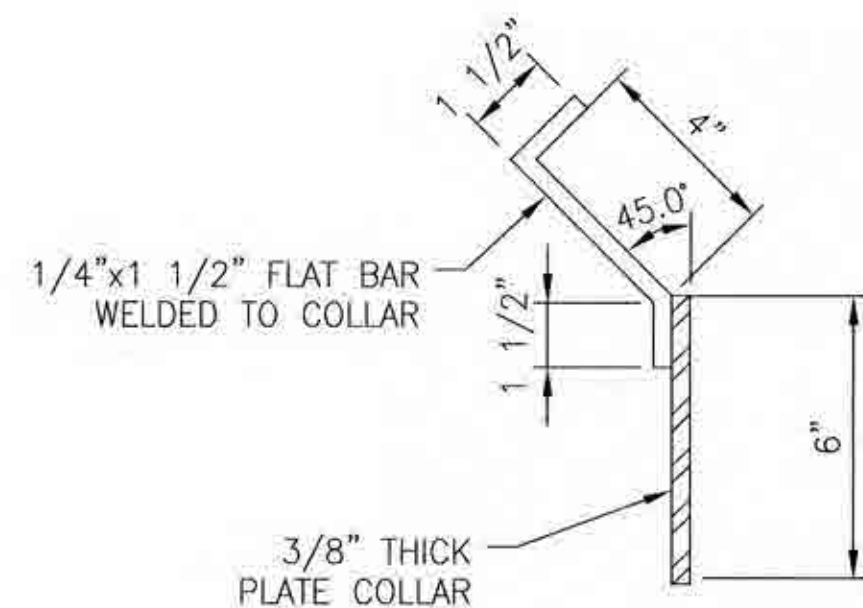
SUMP DETAIL 3
N.T.S.



2-INCH TEST TAP DETAIL 4
N.T.S.

NOTES:

1. COAT OUTSIDE SURFACE OF ALL NOZZLES AND FLANGES WITH COATING MATERIAL AS REQUIRED.
2. STULLS INSTALLED PRIOR TO POURING CONCRETE ENCASEMENT ON STEEL PIPES.
3. PUT MANHOLE FRAME ON TOP OF ACCESS MANHOLE WHEN RISER HEIGHT IS LESS THAN 4 FEET.



ANCHOR STRAP DETAIL 5
N.T.S.

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REFERENCES

GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC., USED



CCSF 2013
NAVD88

10-26-2018

WATER CONTRACT NO. WD-2775
CONTRACT NO. 2652J

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

INSTALLATION OF 16-INCH AND 36-INCH, AND RELOCATION OF
8-INCH DUCTILE IRON WATER MAINS AT VARIOUS LOCATIONS
ON 19TH AVENUE FROM HOLLOWAY AVENUE TO LINCOLN WAY
**PLAN, SECTION & DETAILS
FOR PIPE MANHOLE**

CHECKED / APPROVED BY: YU / RT	DRAWN RS	AS SHOWN
SECTION MANAGER TLE	DESIGNED RT	OCT 2018
APPROVED J. Shum Wong MANAGER, ENGINEERING MANAGEMENT BUREAU	APPROVED K. L. Nien MANAGER, CITY DISTRIBUTION DIVISION	
SHEET OF	PLAN NO. WD-2775-8	REVISION NO. E-31375.1 0

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED 0.70MM
YELLOW 0.20MM
GREEN 0.25MM
CYAN 0.40MM
BLUE 0.50MM
MAGENTA 0.20MM
WHITE 0.35MM
GRAY 0.15MM
9 0.15MM
10 1.00MM
100 0.70MM
210 0.60MM