SECTION A (top-left detail)

27" FRAME & COVER — SEE PLAN No. WD-2775-8.1 (SEE NOTE 3)
CONCRETE SLAB
1'-0" MIN
5'-0" MIN
PLAIN END CONCRETE MH RISER
1/2" TEST TAP
24" NOZZLE W/ FL
LADDER IF HEIGHT >5'
LIMIT OF MORTAR COATING AS REQUIRED
SUMP DETAIL
GROUT BED
12"
#5 @ 12" OC
#5 @ 12" OC EW SPLICES WITH 20" LAPS (1 1/2" MIN CLEARANCE BTW PIPE EXTERIOR & REBAR)
REINFORCED CONC ENCASEMENT
PIPE OD + 6" EA SIDE
1'-6" MIN
STULLING, SEE SECT C
PIPE ID
3"

SECTION B
N.T.S.

STULLING AT ACCESS RISER C
N.T.S.

CONC RISER
PIPE CONC ENCASEMENT
2x4 DF (TYP)
PIPE
DOUBLE WOOD WEDGES (TYP)
4x4 DF TIMBER STULLS (TYP)
2x4 DF (TYP)
90.0° (TYP)
2-4"x4" DF STULLS 10' MAX SPACING PER SET (TYP)
2-2"x4"x10' LONG DF WEDGES (TYP)

CONCRETE SLAB D
N.T.S.

1'-6" FOR 5'-0" MH RISER
2'-0" FOR 6'-0" MH RISER (SEE NOTE 3)
¢ MH RISER
6" BARS
6-#6 @ 5" OC BOTH WAYS
4-#6 BARS (SEE NOTE 4)
2-#6 BARS (SEE NOTE 4)
4'-10"
9'-8"
4'-10"
4'-10"   4'-10"

PIPE ENCASEMENT – PLAN DETAIL 1
WHEN MANHOLE RISER IS ON TOP OF PIPE
N.T.S.

PIPE OD+6" EA SIDE
¢
5'-0" ID
OD MANHOLE RISER + 2'-0"
APPURTENANCE START LINE
1/2" TAP
REINF CONC MANHOLE RISER
1'-0"
PIPE ID
1'-0" 6"   6' 1'-0"

DETAIL 2
N.T.S.

9'-8"
4'-10"   4'-10"
8"
4" AC
3"
¢ MH RISER
AC PAVING
12"
17"
1/4"x1 1 WELD
3/8" THICK COLLAR
1" CL
2-#6
1" CL
LEVEL MANHOLE FRAME PRIOR TO PAVING (SEE NOTE 3)
6"   5'-0" ID   6"

ANCHOR STRAP DETAIL 5
N.T.S.

1 1/2"
4"
45.0°
1 1/2"
6"
1/4"x1 1/2" FLAT BAR WELDED TO COLLAR
3/8" THICK PLATE COLLAR

SUMP DETAIL 3
N.T.S.

8" DIA x 5" DEEP SUMP
TAPERED REDWOOD PLUG
TOP OF ENCASEMENT
2"ø SCH 80 PVC PIPE
2"ø SCH 80 PVC ELBOW
5 CU FT GRAVEL POCKET

1/2-INCH TEST TAP DETAIL 4
N.T.S.

1/2"-300# BRASS ANGLE VALVE
1-1/4" x 3" BRASS NIPPLE
1-1/4" X 1/2" BRASS REDUCER
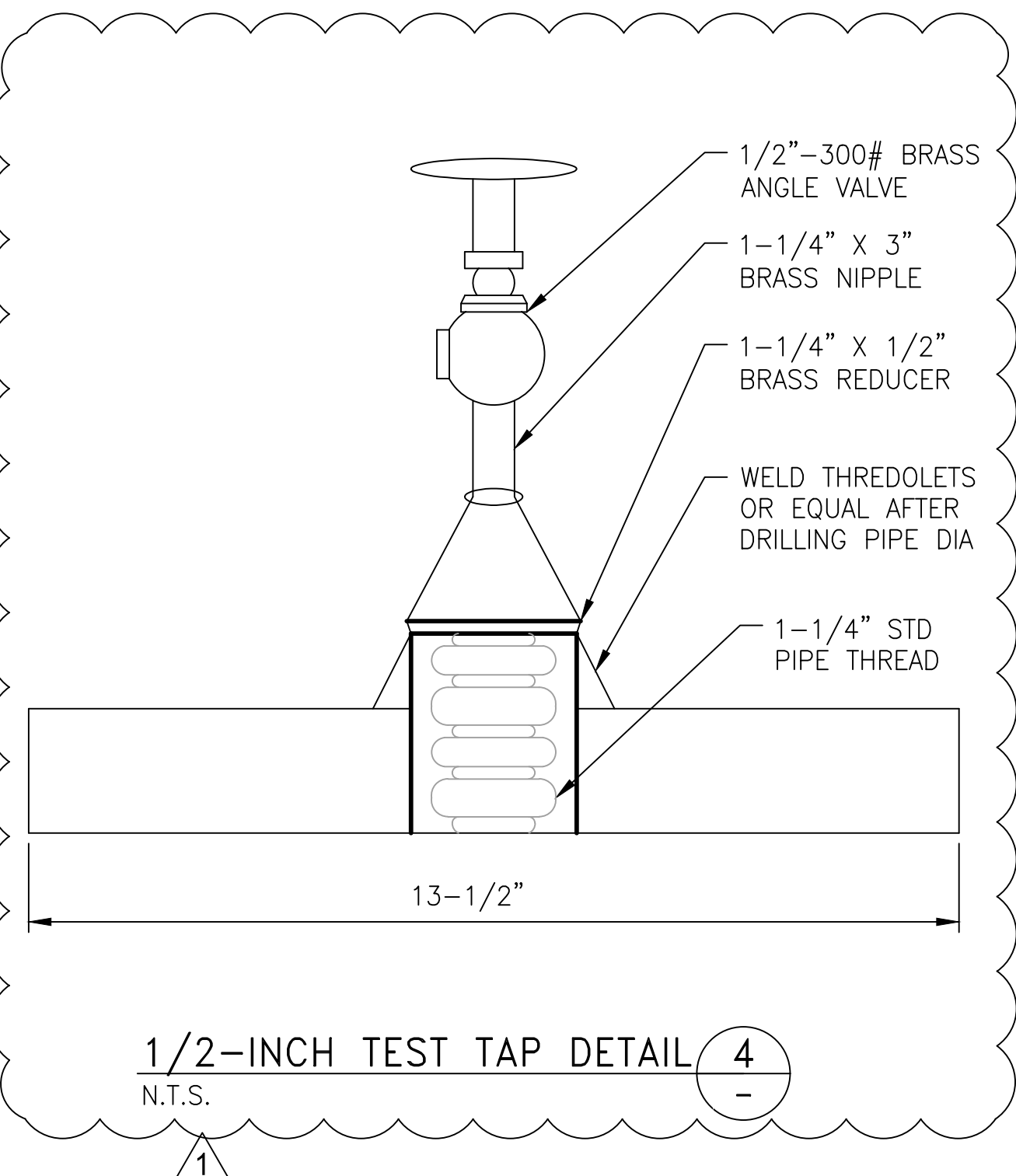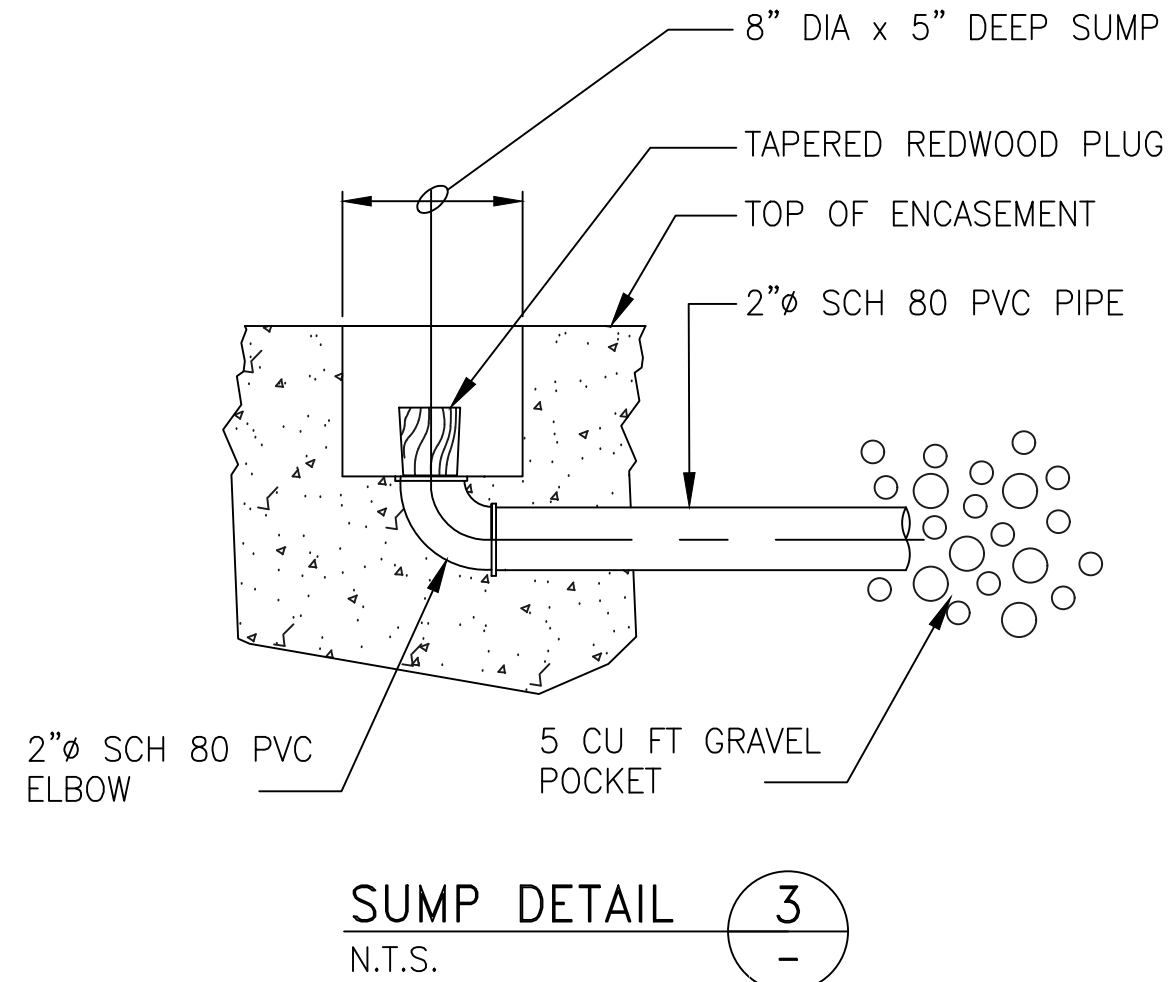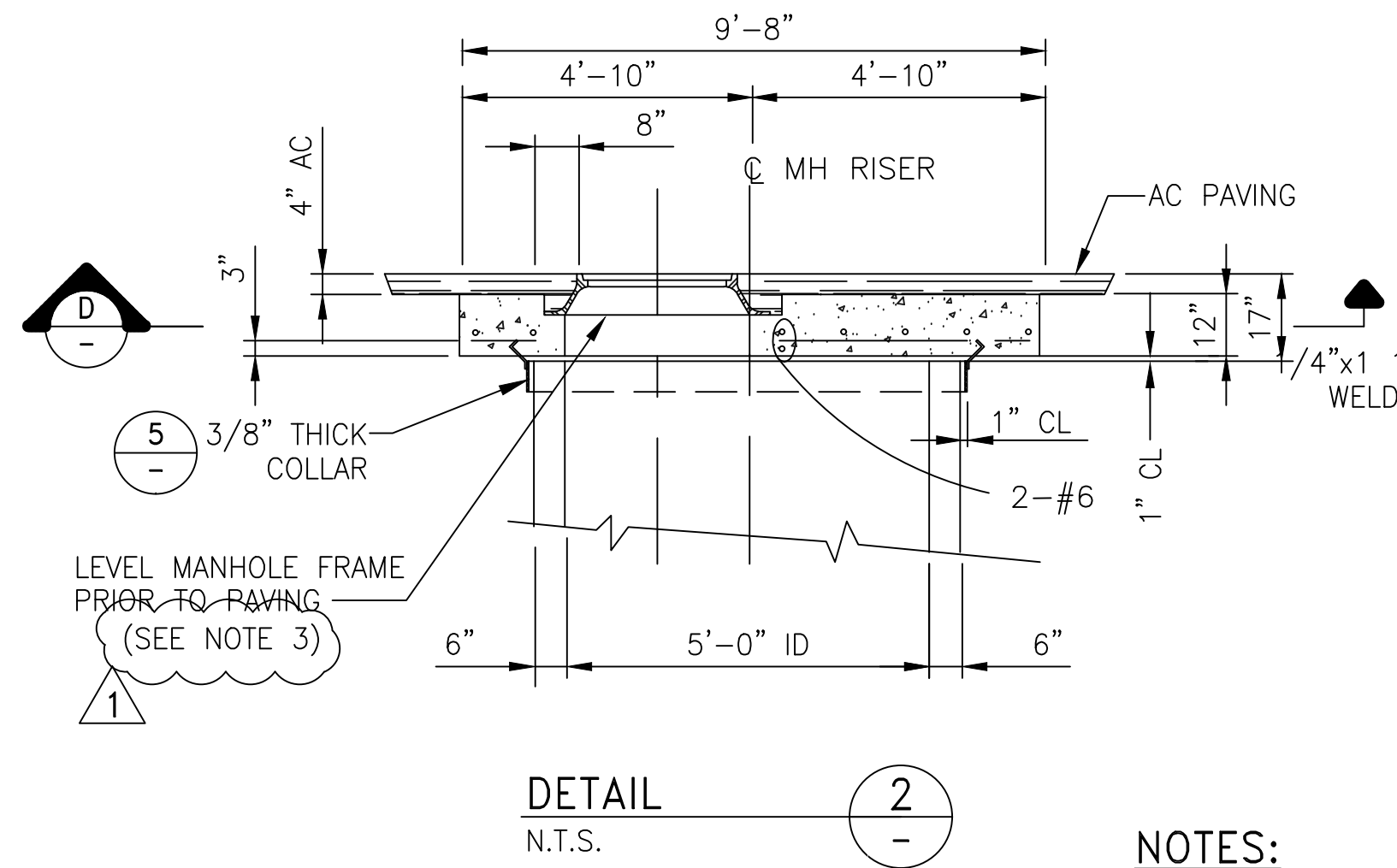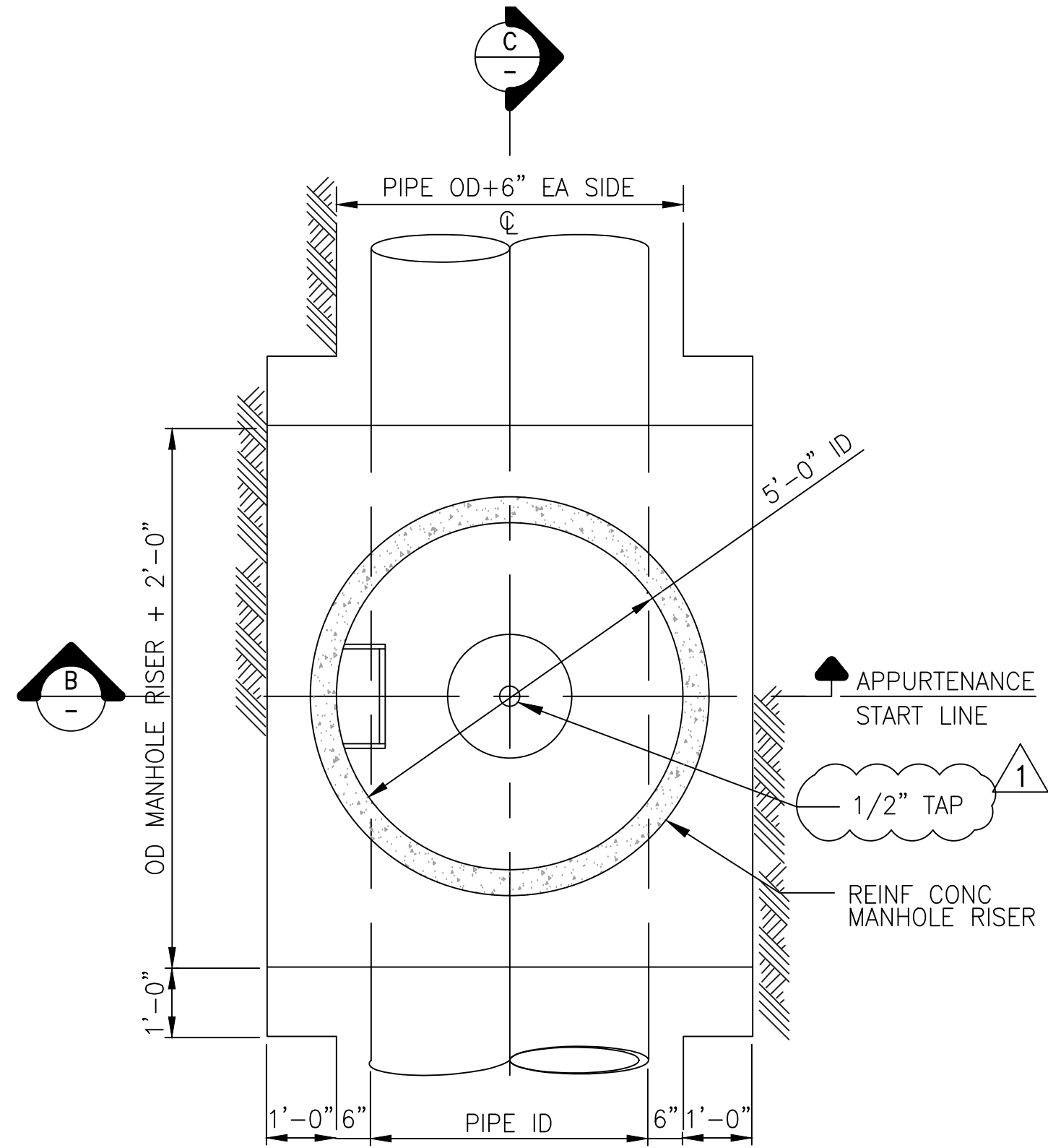WELD THREDOLETS OR EQUAL AFTER DRILLING PIPE DIA
1-1/4" STD PIPE THREAD
13-1/2"

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. LOCATE FRAME AND COVER AT CENTERLINE OF MH RISER WHEN RISER HEIGHT IS LESS THAN 4 FEET.

4. FOR OPENING IN THE CENTERLINE OF MH RISER, USE 4 SETS OF DIAGONAL BARS AROUND THE OPENING.

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

CCSF 2013
NAVD88

PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
	04-0G3501	0400000325	04	SF	1	R0.94/4.05

NO.	DATE	DESCRIPTION	BY	APPR'D
1	03/10/21	PCO #3 - REVISE SECTION DETAILS	AC	JA

REVISIONS

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