(500' WALL)
36"ø ACCESS TUBE SHOP INSTALL 24'LG SECTION & GUSSETS

10"ø OVERFLOW

20"ø INLET W/ DISCHARGE CAP

NOTE: SEE SMALL SHT. NO. M-1 FOR ORIENTATION

GUSSET #4
GUSSET #3
GUSSET #2

TOP STEM SECTION
TOTAL WT. = 5,289

TOP RING

SHACKLE PL

PAINTERS RAILS

24"ø MANWAY (SEE SHT. M11-24)

10 - GUSSET PL'S LOCATE @ 22¼ CH. o/c ON INSIDE OF RISER

PLATFORM

3"x3"x¼"x3'-6" LG. (5 REQD) (EQUALLY SPACED)

5/8"ø BAR ROLL TO 36" I.D. (FOR LOCATING ROOF CAP)

PAINTERS RING — 6"x¼" (AND ⅜"[6~2¼"x⅛" CLIPS

50 5/16" RAD. x 27'-8" LG.

¾"ø HOLE x 5 3/8" LG. @ 36" o/c (7 REQD.)

PAINTERS RAIL (2 REQD.) SHOP INSTALL

WING PL

TYPICAL FIELD SPLICE

RISER LADDER

UNIVERSAL NAMEPLATE

30"ø MANWAY

TOP CAN VERT. WELD SEAM

10"ø W.S.R. OVERFLOW W/ SCREENED FLANGE & FLAP GATE

PIT COVER PL (SEE SHT. SOF 9)

6"ø x 1"TK. SETTING PL

RISER (338 LBS/FT.)

MATL:
PLATE - A.S.T.M. A-283 GR. C
ANGLE - A.S.T.M. A-36

PAINTERS ANGLE
(196 LBS. EA.)

FIELD BURN 1~1½"□ CLEAN OUT HOLE IN EACH ANGLE

4 5"x 3"x 3/8"x 20'-0" LG. 9 REQ'D

27'-3" RAD. (LLQ)

#2 #3 #4

7" COPE CORNER ½"

½" PL

7"

#1

GUSSET PL'S
SEE SHT. P1 FOR LOCATION

ACCESS TUBE REDUCER

5/8"□ BAR ROLL TO 36" I.D. (FOR LOCATING ROOF CAP)

PAINTERS RING

36"ø x .375 WALL W.S.P.

36"ø I.D. x 5'0" O.D. x 1" I.B. RINGS (2 REQ'D.)

ACCESS TUBE DETAIL
1 REQ'D. (1118 LBS)

24" SLEEVE W.P. x 8" LG

1/8 PL

1 REQ'D. (TACK WELD TO ROOF HATCH IN SHOP)

TOP CAN VERT. WELD SEAM

76½"ø

32"ø HOLE FOR ACCESS TUBE (SHOP CUT) (CENTER ACCESS ON OPENING)

11"ø HOLE FOR 10"ø OVERFLOW

20¼"ø HOLE FOR 20"ø INLET

TOP RING
(1520 LBS.)

BEVEL 45° INSIDE W/ ⅛" LAND (TOP SEC. ONLY)

BEVEL 45° INSIDE W/ ⅛" LAND

PLATFORM
REQ'D LOCATE 3 10" o/c WELD SEAM (SHOP INSTALL) (200 LBS.)

WING PL'S

10"ø OVERFLOW (SEE SHT. 9 of 9)

2"ø HOLES FOR ANCHOR BOLTS - 4 REQ'D.

⅛" PL BOTTOM CAN VERT. WELD SEAM

TANK TO DISTRIBUTION SYSTEM

24"ø SLEEVE FOR 20"ø INLET

24"ø MANWAY @ TOP

SECTION A-A
(2060 LBS.)

RISER SHEET LAYOUT
10 REQ'D. (338 LBS/SHT.)

MATL: PLATE A.S.T.M. A-283
GR. C ANGLE A.S.T.M. A-36

NO.	DATE	BY.	REVISION

UNIVERSAL TANK & IRON WORKS, INC.
INDIANAPOLIS, INDIANA

ENGINEER APPROVAL

☑ APPROVED ☐ APPROVED AS CORRECTED
☐ NOT APPROVED – REVISE AND RESUBMIT
CHECKED FOR GENERAL COMPLIANCE WITH PLANS AND SPECIFICATIONS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND QUANTITIES, AND COORDINATE EQUIPMENT ASSEMBLY AND WORK OF ALL TRADES. NO DEVIATION FROM PLANS AND SPECIFICATIONS PERMITTED UNLESS SPECIFICALLY NOTED.
FREESE AND NICHOLS CONSULTING ENGINEERS
BY [illegible] DATE 6-7-78

RISER DETAILS
500,000 GAL. ◇ 119'0" TO H.W.L.

FOR: ROCKWALL, TX.

DATE: 4-27-78 | SCALE: NONE
DRWN BY: DC | CHECKED: V.L.R.
JOB NO: 6544 | SHEET 4 OF 9

MARBAUGH ENG. SUPPLY