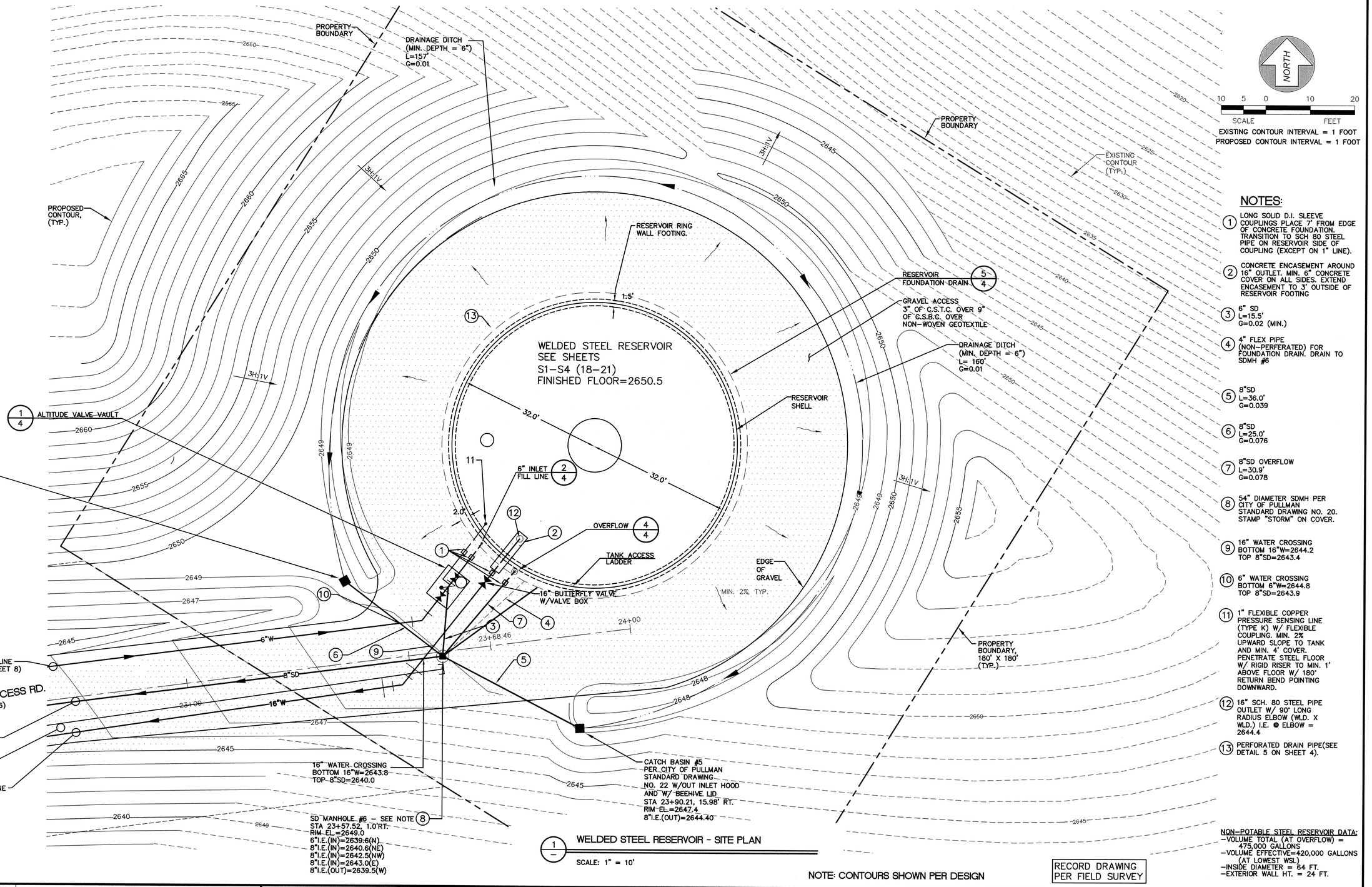

NOTES:

1. LONG SOLID D.I. SLEEVE COUPLINGS PLACE 7' FROM EDGE OF CONCRETE FOUNDATION. TRANSITION TO SCH 80 STEEL PIPE ON RESERVOIR SIDE OF COUPLING (EXCEPT ON 1" LINE).
2. CONCRETE ENCASEMENT AROUND 16" OUTLET. MIN. 6" CONCRETE COVER ON ALL SIDES. EXTEND ENCASEMENT TO 3' OUTSIDE OF RESERVOIR FOOTING
3. 6" SD L=15.5' G=0.02 (MIN.)
4. 4" FLEX PIPE (NON-PERFERATED) FOR FOUNDATION DRAIN. DRAIN TO SDMH #6
5. 8"SD L=36.0' G=0.039
6. 8"SD L=25.0' G=0.076
7. 8"SD OVERFLOW L=30.9' G=0.078
8. 54" DIAMETER SDMH PER CITY OF PULLMAN STANDARD DRAWING NO. 20. STAMP "STORM" ON COVER.
9. 16" WATER CROSSING BOTTOM 16"W=2644.2 TOP 8"SD=2643.4
10. 6" WATER CROSSING BOTTOM 6"W=2644.8 TOP 8"SD=2643.9
11. 1" FLEXIBLE COPPER PRESSURE SENSING LINE (TYPE K) W/ FLEXIBLE COUPLING. MIN. 2% UPWARD SLOPE TO TANK AND MIN. 4' COVER. PENETRATE STEEL FLOOR W/ RIGID RISER TO MIN. 1' ABOVE FLOOR W/ 180° RETURN BEND POINTING DOWNWARD.
12. 16" SCH. 80 STEEL PIPE OUTLET W/ 90° LONG RADIUS ELBOW (WLD. X WLD.) I.E. @ ELBOW = 2644.4
13. PERFORATED DRAIN PIPE(SEE DETAIL 5 ON SHEET 4).

WELDED STEEL RESERVOIR - SITE PLAN

SCALE: 1" = 10'

NOTE: CONTOURS SHOWN PER DESIGN

RECORD DRAWING PER FIELD SURVEY

NON-POTABLE STEEL RESERVOIR DATA:
- VOLUME TOTAL (AT OVERFLOW) = 475,000 GALLONS
- VOLUME EFFECTIVE=420,000 GALLONS (AT LOWEST WSL)
- INSIDE DIAMETER = 64 FT.
- EXTERIOR WALL HT. = 24 FT.

No.	Date	By	Ckd.	Appr.	Revisions
1	2/10	DWC		CRG	RECORD DRAWINGS

Drawn DJJ,BDB Date 4/09
Designed CRG 11/08
Checked By RGP 6/09

The Engineer's Seal was removed during the As-Built process. The information of record is as follows:

Engineer's Name	Reg's No.	Date on plan
CALVIN R. GEORGE	17963	6/10/09

Taylor Engineering, Inc.
Civil Design and Land Planning
245 E. Main St.
Pullman, Washington 99163
(509) 334-5115 FAX (509) 334-5956

Approved _____ Date _____

VERTICAL DATUM: NAVD 83

CITY OF PULLMAN, WASHINGTON
ENGINEERING DIVISION

SCALE
HORIZ. 1"=10'
VERT. N/A

AIRPORT FIRE FLOW SYSTEM

RESERVOIR SITE, GRADING, AND PIPING PLAN

SITE
SHEET 3 / 22

07042P-RES-SITE(10SC)(3).dwg