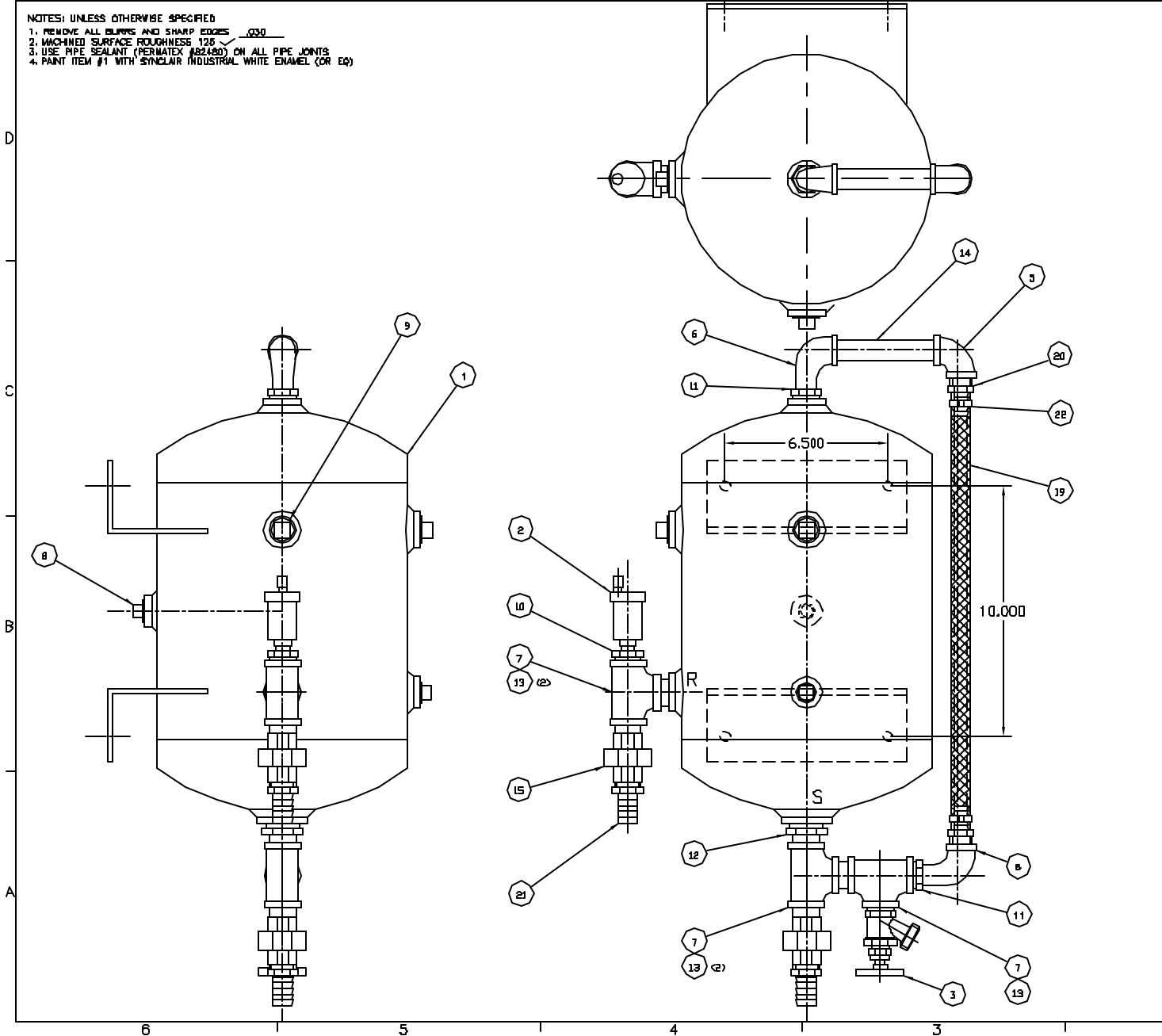


NOTES: UNLESS OTHERWISE SPECIFIED

1. REMOVE ALL BURRS AND SHARP EDGES $\sqrt{.030}$
2. MACHINED SURFACE ROUGHNESS 125 $\sqrt{.030}$
3. USE PIPE SEALANT (PERMATEX #82480) ON ALL PIPE JOINTS
4. PAINT ITEM #1 WITH SYNCLAIR INDUSTRIAL WHITE ENAMEL (OR EQ)

REVISIONS					
DATE	BY	REVISION	REV	DATE	BY



QTY	DESCRIPTION	UNIT	QTY
			30
			29
			28
			27
			26
			25
			24
			23
2	1720 HOSE CLAMP-3/4" O.D. HOSE	OETIKER	CS 22
2	HOSE NIPPLE-3/4" HDSE X 3/4" IPS	BRASS	AS 21
2	HOSE NIPPLE-1/2" HDSE X 1/2" IPS	BRASS	CS 20
AS REQ'D	TUBING-REINFORCED, 1/2" I.D.	POLYURETHANE	CS 19
			18
			17
			16
2	UNION- 3/4"	GALV	AS 15
1	PIPE NIPPLE- 4 1/2"		AS 14
5	PIPE NIPPLE-CLDSE, 3/4"		BS 13
1	BUSHING-HEX,IPS 1" X 3/4"		AS 12
2	BUSHING-HEX,IPS 3/4" X 1/2"		AS 11
1	BUSHING-HEX,IPS 3/4" X 1/4"		BS 10
2	PLUG-SQ HD,3/4"IPS		CS 9
2	PLUG-SQ HD,1/2"IPS		BS 8
3	TEE-3/4"IPS		BS 7
2	90° STREET ELBOW-1/2"IPS		CS 6
1	90° ELBOW-1/2"IPS	GALV	CS 5
			4
1	SE380 DRAIN VALVE	NIBCO	AS 3
1	FV-4 AUTO FLDT VENT-1/4"	WATTS	BS 2
1	0802 AR TANK-4.7 GAL	BRUNNER END & MFG INC	CS 1

TOLERANCES UNLESS OTHERWISE NOTED DECIMALS FRACTIONS ANGULAR .001 ± .003 ± .010 ± - ± - ± 0°58'		NATIONAL OPTICAL ASTRONOMY OBSERVATORIES OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY UNDER COOPERATIVE AGREEMENT WITH NATIONAL SCIENCE FOUNDATION	
NEXT ASSEMBLY 2150.280E002		NAME GLYCOL EXPANSION TANK	
DATE 1/2		REV FILE 1171	
DRAWN AUTOCAD v.12		CHECKED 2150.0007343D	
DATE 6/19/85		DATE 6/19/85	