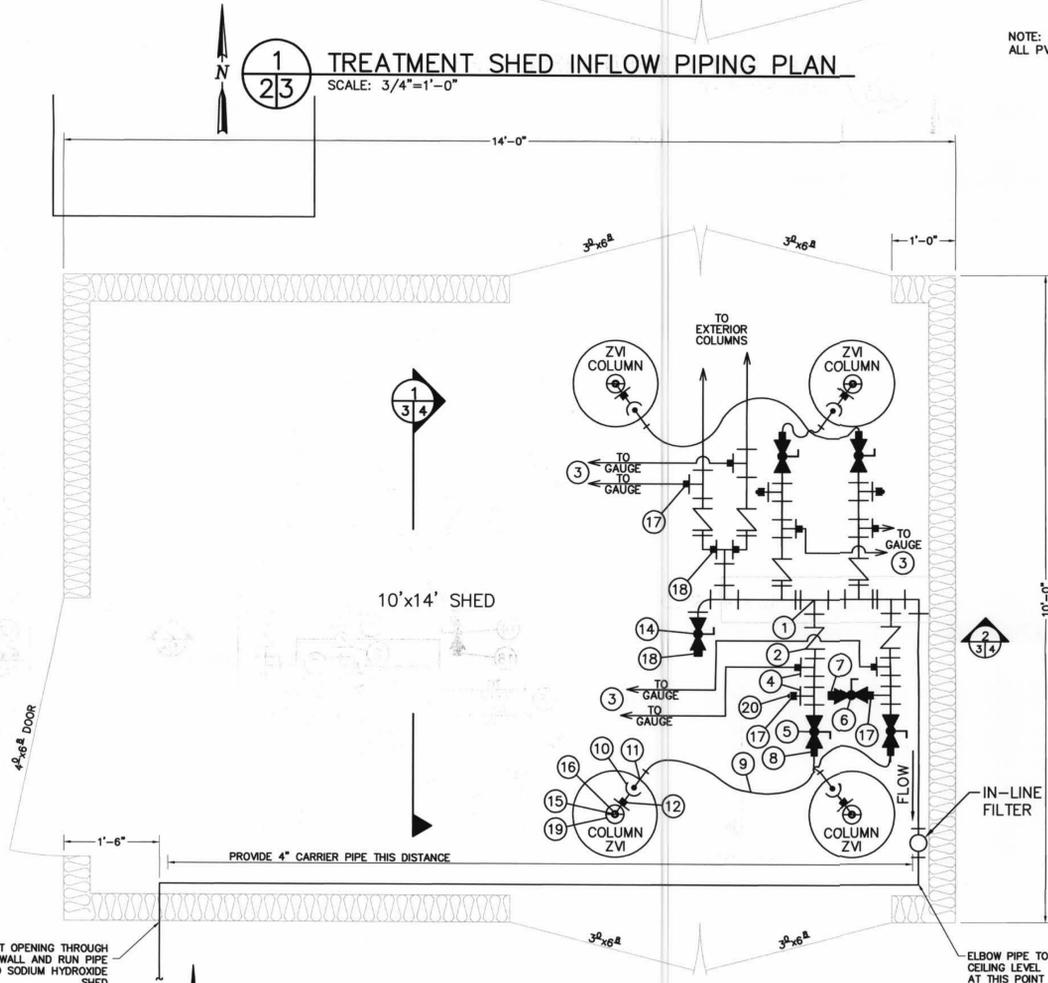


1 TREATMENT SHED INFLOW PIPING PLAN
SCALE: 3/4"=1'-0"



2 TREATMENT SHED EFFLUENT PIPING PLAN
SCALE: 3/4"=1'-0"

INFLUENT PIPING MATERIAL SCHEDULE

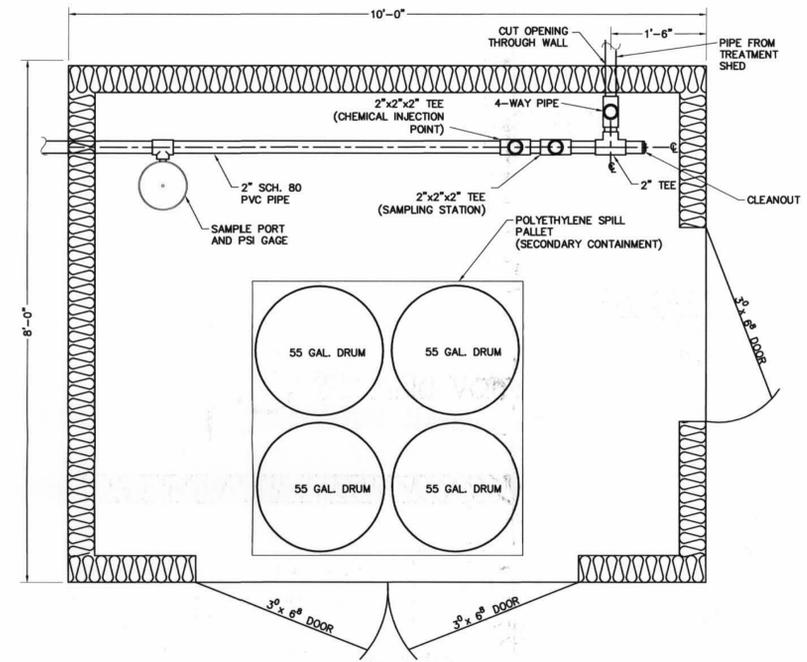
NO.	DESCRIPTION
1	1 1/4" BRASS GATE VALVE
2	3/4" HOSE BIB (INFLUENT SAMPLE PORT & SYSTEM FLUSHING ACCESS)
3	1 1/4" PRESSURE REGULATING VALVE "WILKINS-600"
4	1" WATER METER "NEPTUNE T-10"
5	1" BALL VALVE
6	5/8" WATER METER "NEPTUNE T-10"
7	"THRU VIEW" FLOW METER METER
8	PRESSURE GAUGE, 0-160 PSI, OIL FILLED
9	3/4" WATER HOSE 100 PSI-MIN.
10	DOLE VALVE
11	3/4" COUPLING
12	3/4" HOSE ADAPTOR
13	1 1/2"x1" THREADED BUSHING
14	3/4" MALE QUICK COUPLING
15	3/4" FEMALE QUICK COUPLING
16	1"x3/4" THREADED BUSHING
17	DUAL CHECK VALVE
18	ELECTRONIC FLOW METER

NOTE:
ALL PVC PIPE = SCH. 80

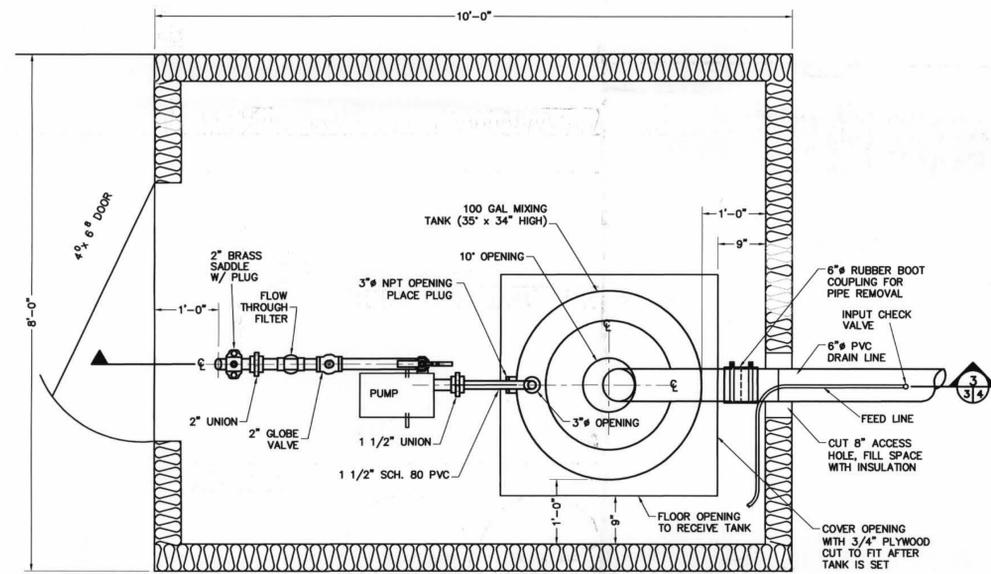
EFFLUENT PIPING MATERIAL SCHEDULE

NO.	DESCRIPTION
1	2"x2"x1" PVC TEE
2	1" BRASS CHECK VALVE
3	PRESSURE GAUGE, 1-100 PSI, OIL FILLED
4	1"x1"x1" TEE
5	1" BRASS FULL PORT BALL VALVE
6	1/2" BRASS FULL PORT BALL VALVE
7	1/2" HOSE ADAPTER
8	1" HOSE ADAPTER
9	1" WATER HOSE, 100 PSI MIN.
10	1" HOSE SHANK COUPLER (FEMALE QUICK DISCONNECT)
11	1" MALE THREADED ADAPTER (MALE QUICK DISCONNECT)
12	1 1/2"x1" BUSHING
13	1/2" WATER HOSES, 100 PSI-MIN.
14	2" GATE VALVE
15	1 1/2" WELDED NIPPLE W/THREADS
16	1 1/2" TEE
17	1"x1/2" BUSHING
18	2"x1" BUSHING W/ 1" THRD HOSE ADAPTER
19	"BERMAD" 1" AIR RELIEF VALVE (PLASTIC)
20	1/2" PLUG

NOTE:
ALL PVC PIPE = SCH. 80



3 SODIUM HYDROXIDE SHED PLAN
SCALE: 3/4"=1'-0"



4 SULFURIC ACID SHED PLAN
SCALE: 3/4"=1'-0"

REVISION NO.	DATE	DESCRIPTION	DRAWN BY	DESIGNER	PROJECT ENG. APPROVED BY

		U.S. DEPARTMENT OF ENERGY GRAND JUNCTION OFFICE, COLORADO	
PROJECT LOCATION: NEW RIFLE SITE RIFLE, COLORADO		APPROVALS DRAWN BY: C.J. WHITNEY 12/01 PROJECT ENGINEER: M.W. MADRIL 12/01 APPROVED BY: K.E. KARP 12/01 PROJECT MANAGER: S.J. MARUTZKY 12/01 DATE CONSTRUCTION: N.R.	
PROJECT NO.: UGW-511-0017-25-006		SHEET NO.: 3 OF 7	
DRAWING NO.: U01435-M01-R00-D+		PROJECT TITLE: UMTRA GROUNDWATER NEW RIFLE SITE ZVI PILOT TEST - 25 GPM SHEDS PIPING PLAN	