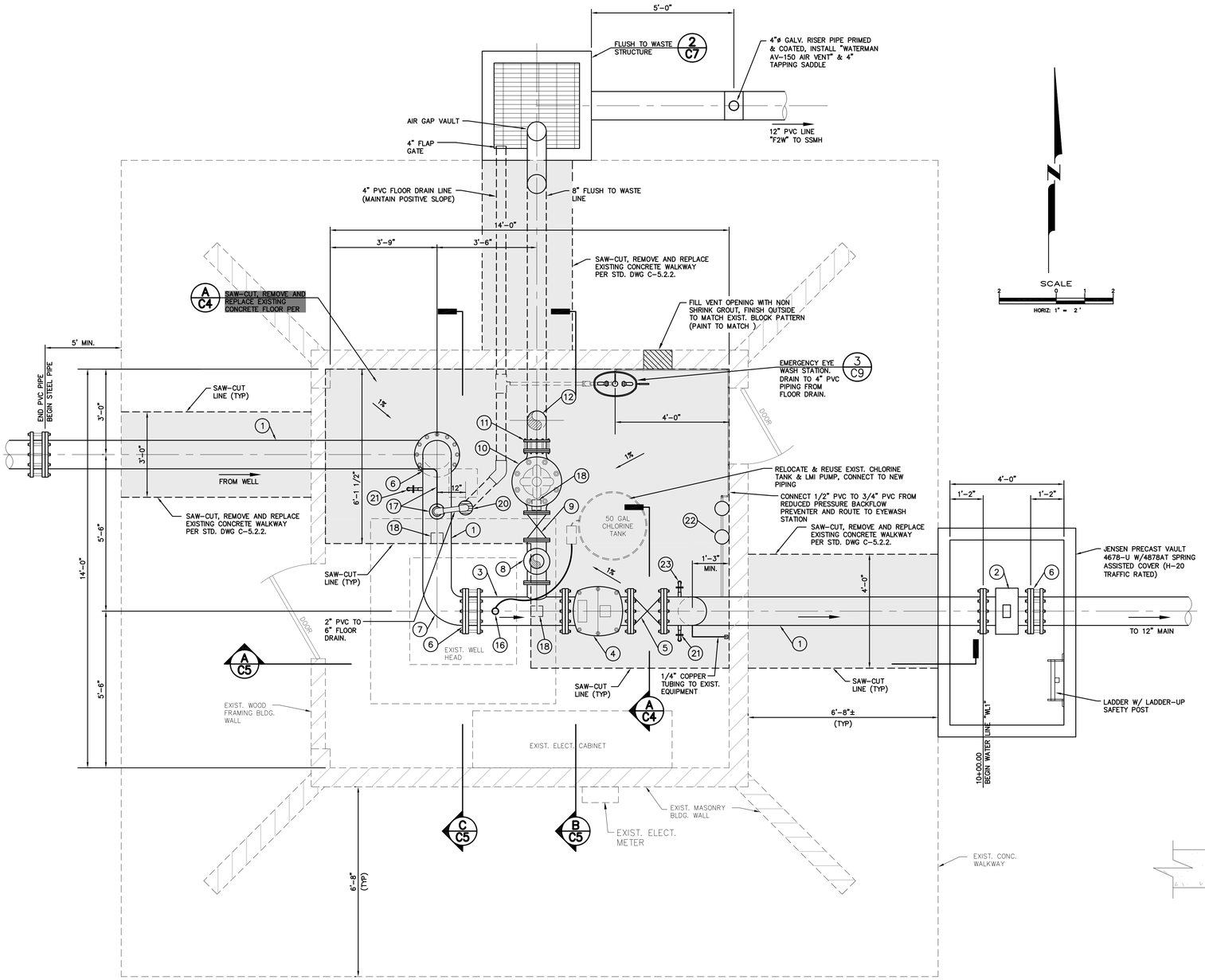


PIPING PLAN

SCALE: 1/2" = 1'-0"

MATERIAL LIST

ITEM	QUANTITY	DESCRIPTION
1	3	12" WELDED STEEL PIPE, FUSION BONDED EPOXY LINED & COATED FLGxFLG
2	1	12" "FOXBORO" MAGNETIC FLOW METER
3	1	12" WELDED STEEL PIPE W/FUSION BONDED EPOXY COATING
4	1	12" "SURGE BUSTER" VALMATIC CHECK VALVE
5	1	12" GATE VALVE FLGxFLG
6	2	12" ROMAC FLANGED COUPLING ADAPTER (FCA)
7	5	12" – 90° WELDED STEEL ELBOW
8	1	8"x8" D.I. TEE FLGxFLG
9	2	8" GATE VALVE FLGxFLG
10	1	8" PUMP CONTROL VALVE
11	2	8" ROMAC FLANGED COUPLING ADAPTER (FCA)
12	6	8" – 90° WELDED STEEL ELBOW
~~13~~	~~1~~	~~8" WELDED STEEL SPOOL SECTION~~
~~14~~	~~1~~	~~8"x8" WELDED STEEL TEE~~
16	1	CHLORINATION SYSTEM (RE-CONNECT EXIST.)
17	1	2" AIR RELEASE VALVE (ARV) (RE-USE EXIST.) W/ NEW 1/4" COPPER TUBING TO TRANSDUCER, W/ UNISTRUT BRACING
18	3	ADJUSTABLE PIPE SUPPORT
19	1	2" BRASS BALL VALVE
20	1	6" FLOOR DRAIN WITH 4" PVC DISCHARGE LINE TO FLUSH TO WASTE STRUCTURE, INSTALL FLAP GATE AT OUTLET
21	2	1/2" MIP x PLAIN SPOUT BRASS SAMPLING TAP
22	1	3/4" REDUCED PRESSURE BACKFLOW PREVENTER
23	1	BRASS HOSE BIB W/ VACUUM BREAKER
~~24~~	~~1~~	~~TIDEFLEX SERIES 35 – FLANGED CHECK VALVE~~

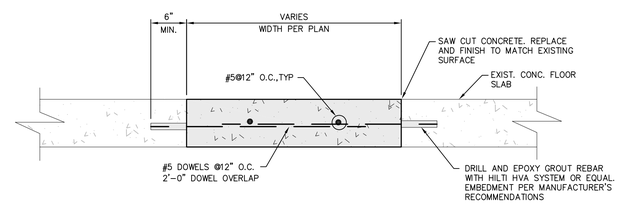
NOTES:

THIS MATERIAL LIST IS FOR GENERAL CONVENIENCE ONLY AND BY NO MEANS SHOULD BE INTERPRETED AS 100% COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS AND QUANTITIES AS SHOWN ON THE PLANS.

ALL ABOVE GRADE PLUMBING SHALL BE PAINTED FEDERAL SAFETY BLUE. ALL COLORS SHALL BE APPROVED BY CARSON CITY BEFORE WORK IS PERFORMED.

RE-CONNECT ALL PRESSURE TRANSDUCER CONDUITS USING NEW COPPER TUBING.

ALL NEW PIPELINE SHALL BE PRESSURE TESTED PER AWWA STD C605 AND DISINFECTED PER AWWA STD C651.



TYP. FLOOR SLAB REPLACEMENT (A / C4)

SCALE: 1/2" = 1'-0"

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600

DESIGNED BY: DR/MB
DRAWN BY: DR & DO
CHECKED BY: MB
DWG NO.: 4-0621BS1.DWG
SCALE (HORIZ): NOTED
SCALE (VERT): NA
PLOT DATE: 1-11-10

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER – STATE OF NEVADA
MARK BRETHAUER
Exp: 12/31/10
CIVIL
No. 10102

REV.	DATE	DESCRIPTION	BY	APP'D

CARSON CITY PRODUCTION WELL #4
REMODEL & PIPING MODIFICATIONS
PROJECT No. 4.0621
PIPING PLAN

SHEET C4 OF 17