5C.1 D

Material List Per Sheet - Fixed Qty

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly	1	$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)	4	$ -	$ -
12" Adaptor (MJxFLG)	3	$ -	$ -
12" C 900 PVC	680	$ -	$ -
12" DIP Coupling (MJ)	1	$ -	$ -
12" Ductile Iron Pipe	1,940	$ -	$ -
12" Gate Valves (MJxFLG)	4	$ -	$ -
12" Field Lock Restraint	13	$ -	$ -
12" Restraint (for Bell /Sp C900)	6	$ -	$ -
12" Restraint (for DIP Fittings)	21	$ -	$ -
12" Restraint (for C900 Fittings)	6	$ -	$ -
12" Tee (FLG)	2	$ -	$ -
12" Tee (MJ)	2	$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)	1	$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)	1	$ -	$ -
16" 90 deg Bend (MJ)	4	$ -	$ -
16" Butterfly Valve (MJ)	3	$ -	$ -
16" Butterfly Valve (MJxFLG)	2	$ -	$ -
16" DIP Coupling (MJ)	1	$ -	$ -
16" Ductile Iron Pipe	4,702	$ -	$ -
16" Restraint (for in-line DIP)	26	$ -	$ -
16" Restraint (for Fittings)	30	$ -	$ -
16" Tee (MJxFLG)	1	$ -	$ -
16" x 12" Red (MJXPE Lg end Bell) Ecc	1	$ -	$ -
16"x2" Tapping Sleeve (for 16" DIP)	2	$ -	$ -
16"x4" Tapping Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)	2	$ -	$ -
16"x8" Reducer (MJxFLG)	2	$ -	$ -
2" Comb. Air Vac. and Release Assm	5	$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for Fittingd)		$ -	$ -
20"x4" Tapping Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)	3	$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)	1	$ -	$ -
24" DIP Coupling (MJ)	1	$ -	$ -
24" Ductile Iron Pipe	5,703	$ -	$ -
24" Restraint (for in-line DIP)	39	$ -	$ -
24" Restraint (for Fittings))	23	$ -	$ -
24"x16" Tee (MJxFLG)	1	$ -	$ -
24"x2" Tapping Sleeve (for 24" DIP)	2	$ -	$ -
24"x20" Reducer (MJ) Ecc.		$ -	$ -
24"x4" Tapping Sleeve (for 24" DIP)	3	$ -	$ -
24"x6" Tee (MJxFLG)	3	$ -	$ -
3" Comb Air Vac Assembly	4	$ -	$ -
6" Blow Off Assembly	5	$ -	$ -
8" Pressure Red. Valve Asembly	1	$ -	$ -
16" RESTRAINED DIP	468	$ -	$ -
20" RESTRAINED DIP		$ -	$ -
24" RESTRAINED DIP	702	$ -	$ -
12" DIP cap w/4" Ecc. Tap (MJ)	3	$ -	$ -
16" DIP cap w/4" Ecc. Tap (MJ)	2	$ -	$ -
4" Galv. Riser Assembly	6	$ -	$ -
12" 90 deg. Bend (MJxPE)	1	$ -	$ -
24" Tee (FLG)	1	$ -	$ -
24" Blind Flange w/ 4" Tapping Port	2	$ -	$ -
24" Adaptor (MJxFLG)	1	$ -	$ -
16" 45 deg Bend (MJ)	8	$ -	$ -
20" MJ 45 deg Bend	4	$ -	$ -
Total			$ -

Material List Per Sheet - Fixed Qty

Supplies: Materials Used for 6" Blow Off (less Tee)

Material Description	Quantity	Unit Cost	Total Cost
3/4" lockwing ball valve (thdXthd)	5	$ -	$ -
3/4" thrd nipple	10	$ -	$ -
4" 90 deg ell (FLG)	5	$ -	$ -
4" Blind Flange w/ 3/4" Tap	5	$ -	$ -
6" Ductile Iron Pipe	150	$ -	$ -
6" Gate (MJxFLG)	5	$ -	$ -
6" Hydrant Bury (MJxFLG)	5	$ -	$ -
6" long Hyd Breakaway Spool (FLG)	5	$ -	$ -
6" Restraint (for TJ DIP)	10	$ -	$ -
6" Restraint (for TJMJ DIP)	10	$ -	$ -
Total			$ -

Supplies: Materials Used for 3" Air Vac (less sleeve)

Material Description	Quantity	Unit Cost	Total Cost
2" nipple (thd)	8	$ -	$ -
2" Galv ell (thdxthd)	8	$ -	$ -
4" 90 deg Bend (FLG)	4	$ -	$ -
4" 90 deg Bend (MJxFLG)	4	$ -	$ -
4" Butterfly Valve (FLGXMJ)	4	$ -	$ -
3" Comb Air Vac	4	$ -	$ -
4" DIP	12		
4" Restraint (for TJ DIP)	8	$ -	$ -
4" Restraint (for TJMJ DIP)	8	$ -	$ -
4"Weld Flange	8	$ -	$ -
6" long Hyd Breakaway Spool (FLG)	4	$ -	$ -
4"x3" Reducer Spool	4	$ -	$ -
Total			$ -

Supplies: Materials Used for 1" Air Release Assembly

Material Description	Quantity	Unit Cost	Total Cost
#9 meter Box	2	$ -	$ -
1" Air Release w/ 2" threaded Tap	1	$ -	$ -
2" brass coupling (compXthd)	1	$ -	$ -
2" Compression 90 deg Bend	1	$ -	$ -
2" Corp. Stop	1	$ -	$ -
2" galvanized 90 deg ell (thd)	1	$ -	$ -
2" Hard Copper	30	$ -	$ -
2" Insolator coupling (thd)	1	$ -	$ -
2"x1' vynal Tube (or old fire hose)	1	$ -	$ -
2"x3' galvanized pipe (thd)	1	$ -	$ -
Wheel valve w/ Compression Coupling	1	$ -	$ -
Total			$ -

Material List Per Sheet - Fixed Qty

Supplies: Materials Used for 2" Air Release Assembly

Material Description	Quantity	Unit Cost	Total Cost
#9 meter Box	10	$ -	$ -
2" Air Release w/ 2" threaded Tap	5	$ -	$ -
2" brass coupling (compXthd)	5	$ -	$ -
2" Compression 90 deg Bend	5	$ -	$ -
2" Corp. Stop	5	$ -	$ -
2" galvanized 90 deg ell (thd)	5	$ -	$ -
2" Hard Copper	150	$ -	$ -
2" Insolator coupling (thd)	5	$ -	$ -
2"x1' vynal Tube (or old fire hose)	5	$ -	$ -
2"x3' galvanized pipe (thd)	5	$ -	$ -
Wheel valve w/ Compression Coupling	5	$ -	$ -
Total			$ -

Supplies: Materials Used for 4" Riser

Material Description	Quantity	Unit Cost	Total Cost
4" x 6" Nipple (thd)	12	$ -	$ -
4" galvanized 90 deg ell (thd)	6	$ -	$ -
4" galvanized end cap (thd)	6	$ -	$ -
4"x4' galvanized pipe (thd)	6	$ -	$ -
4"Wheel valve (thd)	6	$ -	$ -
Total			$ -

Supplies: Materials Used for 8" PRV ASSEMBLY

Material Description	Quantity	Unit Cost	Total Cost
8"x24" Fabricated steel offsets	2	$ -	$ -
8" Flanges	10	$ -	$ -
8" Butterfly Valves (FLG)	2	$ -	$ -
8" Sch 40 Steel	20	$ -	$ -
8" high flow meter (FLG)	1	$ -	$ -
8" PRV	1	$ -	$ -
2'x3' Vault	1	$ -	$ -
4'x6' Vault	1	$ -	$ -
Total			$ -

Material List Per Sheet - Material Summary

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly	1	$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)	4	$ -	$ -
12" Adaptor (MJxFLG)	3	$ -	$ -
12" C 900 PVC	680	$ -	$ -
12" DIP Coupling (MJ)	1	$ -	$ -
12" Ductile Iron Pipe	1,940	$ -	$ -
12" Gate Valves (MJxFLG)	4	$ -	$ -
12" Field Lock Restraint	13	$ -	$ -
12" Restraint (for Bell /Sp C900)	6	$ -	$ -
12" Restraint (for DIP Fittings)	21	$ -	$ -
12" Restraint (for C900 Fittings)	6	$ -	$ -
12" Tee (FLG)	2	$ -	$ -
12" Tee (MJ)	2	$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)	1	$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)	1	$ -	$ -
16" 90 deg Bend (MJ)	4	$ -	$ -
16" Butterfly Valve (MJ)	3	$ -	$ -
16" Butterfly Valve (MJxFLG)	2	$ -	$ -
16" DIP Coupling (MJ)	1	$ -	$ -
16" Ductile Iron Pipe	4,702	$ -	$ -
16" Restraint (for in-line DIP)	26	$ -	$ -
16" Restraint (for Fittings)	30	$ -	$ -
16" Tee (MJxFLG)	1	$ -	$ -
16" x 12" Red (MJXPE Lg end Bell) Ecc	1	$ -	$ -
16"x2" Tapping Sleeve (for 16" DIP)	2	$ -	$ -
16"x4" Tapping Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)	2	$ -	$ -
16"x8" Reducer (MJxFLG)	2	$ -	$ -
2" Comb. Air Vac. and Release Assm	5	$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for Fittingd)		$ -	$ -
20"x4" Tapping Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)	3	$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)	1	$ -	$ -
24" DIP Coupling (MJ)	1	$ -	$ -
24" Ductile Iron Pipe	5,703	$ -	$ -
24" Restraint (for in-line DIP)	39	$ -	$ -
24" Restraint (for Fittings))	23	$ -	$ -
24"x16" Tee (MJxFLG)	1	$ -	$ -
24"x2" Tapping Sleeve (for 24" DIP)	2	$ -	$ -
24"x20" Reducer (MJ) Ecc.		$ -	$ -
24"x4" Tapping Sleeve (for 24" DIP)	3	$ -	$ -
24"x6" Tee (MJxFLG)	3	$ -	$ -
3" Comb Air Vac Assembly	4	$ -	$ -
6" Blow Off Assembly	5	$ -	$ -
8" Pressure Red. Valve Asembly	1	$ -	$ -
16" RESTRAINED DIP	468	$ -	$ -
20" RESTRAINED DIP		$ -	$ -
24" RESTRAINED DIP	702	$ -	$ -
12" DIP cap w/4" Ecc. Tap (MJ)	3	$ -	$ -
16" DIP cap w/4" Ecc. Tap (MJ)	2	$ -	$ -
4" Galv. Riser Assembly	6	$ -	$ -
12" 90 deg. Bend (MJxPE)	1	$ -	$ -
24" Tee (FLG)	1	$ -	$ -
24" Blind Flange w/ 4" Tapping Port	2	$ -	$ -
24" Adaptor (MJxFLG)	1	$ -	$ -
16" 45 deg Bend (MJ)	8	$ -	$ -
20" MJ 45 deg Bend	4	$ -	$ -
Total			$ -

Material List Per Sheet - Material Summary

Supplies: Materials Used for 6" Blow Off (less Tee)

Material Description	Quantity	Unit Cost	Total Cost
3/4" lockwing ball valve (thdXthd)	5	$ -	$ -
3/4" thrd nipple	10	$ -	$ -
4" 90 deg ell (FLG)	5	$ -	$ -
4" Blind Flange w/ 3/4" Tap	5	$ -	$ -
6" Ductile Iron Pipe	150	$ -	$ -
6" Gate (MJxFLG)	5	$ -	$ -
6" Hydrant Bury (MJxFLG)	5	$ -	$ -
6" long Hyd Breakaway Spool (FLG)	5	$ -	$ -
6" Restraint (for TJ DIP)	10	$ -	$ -
6" Restraint (for TJMJ DIP)	10	$ -	$ -
Total			$ -

Supplies: Materials Used for 4" Air Vac (less sleeve)

Material Description	Quantity	Unit Cost	Total Cost
2" nipple (thd)	8	$ -	$ -
2" Galv ell (thdxthd)	8	$ -	$ -
4" 90 deg Bend (FLG)	4	$ -	$ -
4" 90 deg Bend (MJxFLG)	4	$ -	$ -
4" Butterfly Valve (FLGXMJ)	4	$ -	$ -
3" Comb Air Vac	4	$ -	$ -
4" DIP	12		
4" Restraint (for TJ DIP)	8	$ -	$ -
4" Restraint (for TJMJ DIP)	8	$ -	$ -
4"Weld Flange	8	$ -	$ -
6" long Hyd Breakaway Spool (FLG)	4	$ -	$ -
4"x3" Reducer Spool	4	$ -	$ -
Total			**$ -**

Supplies: Materials Used for 1" Air Release Assembly

Material Description	Quantity	Unit Cost	Total Cost
#9 meter Box	2	$ -	$ -
1" Air Release w/ 2" threaded Tap	1	$ -	$ -
2" brass coupling (compXthd)	1	$ -	$ -
2" Compression 90 deg Bend	1	$ -	$ -
2" Corp. Stop	1	$ -	$ -
2" galvanized 90 deg ell (thd)	1	$ -	$ -
2" Hard Copper	30	$ -	$ -
2" Insolator coupling (thd)	1	$ -	$ -
2"x1' vynal Tube (or old fire hose)	1	$ -	$ -
2"x3' galvanized pipe (thd)	1	$ -	$ -
Wheel valve w/ Compression Coupling	1	$ -	$ -
Total			**$ -**

Supplies: Materials Used for 2" Air Release Assembly

Material Description	Quantity	Unit Cost	Total Cost
#9 meter Box	10	$ -	$ -
2" Air Release w/ 2" threaded Tap	5	$ -	$ -
2" brass coupling (compXthd)	5	$ -	$ -
2" Compression 90 deg Bend	5	$ -	$ -
2" Corp. Stop	5	$ -	$ -
2" galvanized 90 deg ell (thd)	5	$ -	$ -
2" Hard Copper	150	$ -	$ -
2" Insolator coupling (thd)	5	$ -	$ -
2"x1' vynal Tube (or old fire hose)	5	$ -	$ -
2"x3' galvanized pipe (thd)	5	$ -	$ -
Wheel valve w/ Compression Coupling	5	$ -	$ -
Total			**$ -**

Supplies: Materials Used for 4" Riser

Material Description	Quantity	Unit Cost	Total Cost
4" x 6" Nipple (thd)	12	$ -	$ -
4" galvanized 90 deg ell (thd)	6	$ -	$ -
4" galvanized end cap (thd)	6	$ -	$ -
4"x4' galvanized pipe (thd)	6	$ -	$ -
4"Wheel valve (thd)	6	$ -	$ -
Total			**$ -**

Supplies: Materials Used for 8" PRV ASSEMBLY

Material Description	Quantity	Unit Cost	Total Cost
8"x24" Fabricated steel offsets	2	$ -	$ -
8" Flanges	10	$ -	$ -
8" Butterfly Valves (FLG)	2	$ -	$ -
8" Sch 40 Steel	20	$ -	$ -
8" high flow meter (FLG)	1	$ -	$ -
8" PRV	1	$ -	$ -
2'x3' Vault	1	$ -	$ -
4'x6' Vault	1	$ -	$ -
Total			**$ -**

Material List Per Sheet - Sheet 4

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)	3	$ -	$ -
12" Adaptor (MJxFLG)	2	$ -	$ -
12" C 900 PVC	170	$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe	940	$ -	$ -
12" Gate Valves (MJxFLG)	4	$ -	$ -
12" Restraint (for in-line DIP)	7	$ -	$ -
12" Restraint (for in-line PVC)	6	$ -	$ -
12" Restraint (for TJMJ DIP)	18	$ -	$ -
12" Restraint (for TJMJ PVC)	3	$ -	$ -
12" Tee (FLG)	2	$ -	$ -
12" Tee (MJ)	2	$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)	1	$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)	1	$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)		$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe	170	$ -	$ -
16" Restraint (for in-line DIP)		$ -	$ -
16" Restraint (for TJMJ DIP)	1	$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)	1	$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm	2	$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)		$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe		$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)		$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)		$ -	$ -
24"x6" Tee (MJxFLG)		$ -	$ -
4" Comb Air Vac Assembly		$ -	$ -
6" Blow Off Assembly		$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			**$ -**

Material Listed Per Sheet - Sheet 5

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC	510	$ -	$ -
12" DIP Coupling (MJ)	1	$ -	$ -
12" Ductile Iron Pipe		$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)		$ -	$ -
12" Restraint (for TJMJ PVC)	3	$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)		$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)	1	$ -	$ -
16" Ductile Iron Pipe	775	$ -	$ -
16" Restraint (for in-line DIP)	4	$ -	$ -
16" Restraint (for TJMJ DIP)	4	$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm		$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)		$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe	265	$ -	$ -
24" Restraint (for in-line DIP)	5	$ -	$ -
24" Restraint (for TJMJ DIP)	1	$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)		$ -	$ -
24"x6" Tee (MJxFLG)		$ -	$ -
4" Comb Air Vac Assembly		$ -	$ -
6" Blow Off Assembly		$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			$ -

Material Listed Per Sheet - Sheet 6

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)	1	$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe	300	$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)	1	$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)		$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe		$ -	$ -
16" Restraint (for in-line DIP)		$ -	$ -
16" Restraint (for TJMJ DIP)		$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm		$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)		$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe		$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)		$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)		$ -	$ -
24"x6" Tee (MJxFLG)		$ -	$ -
4" Comb Air Vac Assembly		$ -	$ -
6" Blow Off Assembly		$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			**$ -**

Material List Per Sheet - Sheet 7

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)	1	$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe	700	$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)	6	$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)	2	$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)		$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe		$ -	$ -
16" Restraint (for in-line DIP)		$ -	$ -
16" Restraint (for TJMJ DIP)		$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm		$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)		$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe		$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)		$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)		$ -	$ -
24"x6" Tee (MJxFLG)		$ -	$ -
4" Comb Air Vac Assembly		$ -	$ -
6" Blow Off Assembly		$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			**$ -**

Material List Per Sheet - Sheet 8

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe		$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)		$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)	1	$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe	1,200	$ -	$ -
16" Restraint (for in-line DIP)		$ -	$ -
16" Restraint (for TJMJ DIP)	4	$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)	1	$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)	1	$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm	1	$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)	1	$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe	1,200	$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)	4	$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)	1	$ -	$ -
24"x6" Tee (MJxFLG)	1	$ -	$ -
4" Comb Air Vac Assembly	2	$ -	$ -
6" Blow Off Assembly	2	$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			$ -

Material List Per Sheet - Sheet 9

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe		$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)		$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)		$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe	1,100	$ -	$ -
16" Restraint (for in-line DIP)		$ -	$ -
16" Restraint (for TJMJ DIP)		$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm		$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)		$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe	1,100	$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)		$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)		$ -	$ -
24"x6" Tee (MJxFLG)		$ -	$ -
4" Comb Air Vac Assembly		$ -	$ -
6" Blow Off Assembly		$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			**$ -**

Material List Per Sheet - Sheet 10

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe		$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)		$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)	1	$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe	1,200	$ -	$ -
16" Restraint (for in-line DIP)		$ -	$ -
16" Restraint (for TJMJ DIP)	4	$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)	1	$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)	1	$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm	1	$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)	1	$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe	1,200	$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)	4	$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)	1	$ -	$ -
24"x6" Tee (MJxFLG)	1	$ -	$ -
4" Comb Air Vac Assembly	1	$ -	$ -
6" Blow Off Assembly	2	$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			$ -

Material List Per Sheet - Sheet 11

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe		$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)		$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)	2	$ -	$ -
16" Butterfly Valve (MJ)	1	$ -	$ -
16" Butterfly Valve (MJxFLG)	2	$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe	265	$ -	$ -
16" Restraint (for in-line DIP)	13	$ -	$ -
16" Restraint (for TJMJ DIP)	10	$ -	$ -
16" Tee (MJxFLG)	1	$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)	2	$ -	$ -
2" Comb. Air Vac. and Release Assm		$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)		$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe	1,200	$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)	2	$ -	$ -
24"x16" Tee (MJxFLG)	1	$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)		$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)		$ -	$ -
24"x6" Tee (MJxFLG)		$ -	$ -
4" Comb Air Vac Assembly		$ -	$ -
6" Blow Off Assembly		$ -	$ -
8" Pressure Red. Valve Asembly	1	$ -	$ -
Total			**$ -**

Material List Per Sheet - Sheet 12

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe		$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)		$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)		$ -	$ -
16" Butterfly Valve (MJ)		$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe		$ -	$ -
16" Restraint (for in-line DIP)		$ -	$ -
16" Restraint (for TJMJ DIP)		$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm		$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)	1	$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)	1	$ -	$ -
24" DIP Coupling (MJ)	1	$ -	$ -
24" Ductile Iron Pipe	400	$ -	$ -
24" Restraint (for in-line DIP)		$ -	$ -
24" Restraint (for TJMJ DIP)	5	$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)	1	$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)	1	$ -	$ -
24"x6" Tee (MJxFLG)	1	$ -	$ -
4" Comb Air Vac Assembly	1	$ -	$ -
6" Blow Off Assembly	1	$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			**$ -**

Material List Per Sheet - Sheet 21

Material Description	Quantity	Unit Cost	Total Cost
1" Air Release Assembly		$ -	$ -
12" 22.5 deg. Bend (MJ)		$ -	$ -
12" 90 deg. Bend (MJ)		$ -	$ -
12" Adaptor (MJxFLG)		$ -	$ -
12" C 900 PVC		$ -	$ -
12" DIP Coupling (MJ)		$ -	$ -
12" Ductile Iron Pipe		$ -	$ -
12" Gate Valves (MJxFLG)		$ -	$ -
12" Restraint (for in-line DIP)		$ -	$ -
12" Restraint (for in-line PVC)		$ -	$ -
12" Restraint (for TJMJ DIP)		$ -	$ -
12" Restraint (for TJMJ PVC)		$ -	$ -
12" Tee (FLG)		$ -	$ -
12" Tee (MJ)		$ -	$ -
12" x 2" Tapping Saddle (for 12" DIP)		$ -	$ -
12" x 2" Tapping Saddle (for 12" PVC)		$ -	$ -
16" 90 deg Bend (MJ)	2	$ -	$ -
16" Butterfly Valve (MJ)		$ -	$ -
16" Butterfly Valve (MJxFLG)		$ -	$ -
16" DIP Coupling (MJ)		$ -	$ -
16" Ductile Iron Pipe	460	$ -	$ -
16" Restraint (for in-line DIP)	8	$ -	$ -
16" Restraint (for TJMJ DIP)	6	$ -	$ -
16" Tee (MJxFLG)		$ -	$ -
16" x 12" Reducer (MJ)		$ -	$ -
16"x2" Tapping Saddle (for 16" DIP)		$ -	$ -
16"x4" Sleeve (for 16" DIP)		$ -	$ -
16"x6" Tee (MJxFLG)		$ -	$ -
16"x8" Reducer (MJxFLG)		$ -	$ -
2" Comb. Air Vac. and Release Assm	1	$ -	$ -
20" Butterfly Valve (MJ)		$ -	$ -
20" DIP Coupling (MJ)		$ -	$ -
20" Restraint (for in-line DIP)		$ -	$ -
20" Restraint (for TJMJ DIP)		$ -	$ -
20"x4" Sleeve (for 20" DIP)		$ -	$ -
20"x6" Tee (MJxFLG)		$ -	$ -
24" 45 deg Bend (MJ)		$ -	$ -
24" 90 deg Bend (MJ)		$ -	$ -
24" Butterfly Valve (MJ)		$ -	$ -
24" DIP cap w/2" Ecc. Tap (MJ)		$ -	$ -
24" DIP Coupling (MJ)		$ -	$ -
24" Ductile Iron Pipe	1,040	$ -	$ -
24" Restraint (for in-line DIP)	33	$ -	$ -
24" Restraint (for TJMJ DIP)	6	$ -	$ -
24"x16" Tee (MJxFLG)		$ -	$ -
24"x2" Tapping Saddle (for 24" DIP)	1	$ -	$ -
24"x20" Reducer (MJ)		$ -	$ -
24"x4" Sleeve (for 24" DIP)		$ -	$ -
24"x6" Tee (MJxFLG)		$ -	$ -
4" Comb Air Vac Assembly		$ -	$ -
6" Blow Off Assembly		$ -	$ -
8" Pressure Red. Valve Asembly		$ -	$ -
Total			$ -

13.08.b

PUNCH LIST

NEWMARK O/U SOUTH PIPELINE SEGMENT 1
SBMWD SPECIFICATION NO. 1267

May 7, 1997

1. 4 valve covers (existing) are covered with A.C. in Stoddard Avenue. Remove A.C. and raise covers.

2. Sta 18+20 (Well #2). Valve riser on 12-inch drain from well is cracked. Replace.

3. Sta 27+14. Add valve extension on 16-inch B.F.V. (24-inch pipeline).

4. Sta 42+46. Clean A.C. from bottom of valve can.

5. Sta 32+70. Add valve extensions (2 valves).

6. Sta 38+40. Add valve extensions (2 valves).

7. At 17th Street Plant, add temporary A.C. and raise street to grade.