



③ END SECTION

MARK	SIZE	N _R	LENGTH	TOT. FEET	WT. LB.	SHAPE
S7a	7/8" φ	16	9'-6"	152.00	310.69	STR.
S6d	3/4" φ	33	9'-6"	313.50	470.88	STR.
S5a	5/8" φ	28	11'-5"	319.76	333.51	BENT.
S5b		32	14'-9"	472.00	492.30	BENT.
S5c		29	9'-6"	275.50	287.35	STR.
S5s		8	5'-0"	40.00	41.72	STR.
V5b		26	6'-0"	156.00	162.71	STR.
V5d		8	6'-6"	52.00	54.24	STR.
V5e		26	3'-9"	97.50	101.69	BENT.
L5a		34	2'-9"	1003.00	1046.13	STR.
L5c		4	2'-0"	87.00	85.53	STR.
L5d		4	5'-2"	20.67	21.56	STR.
K5b		8	4'-5"	35.36	36.88	BENT.
K5d		8	3'-7"	28.64	29.87	BENT.
V4a	1/2" φ	123	7'-1"	870.84	581.72	BENT.
S4a	1/2" φ	29	9'-6"	275.50	184.03	STR.
S4c	1/2" φ	33	14'-5"	475.86	317.87	BENT.
TOTAL					4558.66	

④ END SECTION

MARK	SIZE	N _R	LENGTH	TOT. FEET	WT. LB.	SHAPE
S7a	7/8" φ	16	9'-6"	152.00	310.69	STR.
S6d	3/4" φ	16	9'-6"	152.00	228.30	STR.
S5a	5/8" φ	12	11'-5"	137.04	142.93	BENT.
S5b		16	14'-9"	236.00	246.15	BENT.
S5c		12	9'-6"	114.00	118.90	STR.
S5s		8	5'-0"	40.00	41.72	STR.
V5b		14	6'-0"	84.00	87.61	STR.
V5d		8	6'-6"	54.00	56.32	STR.
V5e		14	3'-9"	57.50	54.76	BENT.
L5a		34	14'-6"	493.00	514.20	STR.
L5d		4	5'-2"	20.67	21.56	STR.
L5c		4	5'-4"	21.33	22.25	STR.
B5a		6	4'-8"	19.50	20.34	BENT.
K5a		4	5'-6"	22.00	22.95	BENT.
K5c		4	4'-8"	18.67	19.47	BENT.
V4a	1/2" φ	58	7'-1"	410.68	274.31	BENT.
S4a	1/2" φ	12	9'-6"	114.00	76.15	STR.
S4c	1/2" φ	16	14'-5"	230.00	154.12	BENT.
TOTAL					2412.73	

MID. SECTION - 13 REQ'D.

MARK	SIZE	N _R	LENGTH	TOT. FEET	WT. LB.	SHAPE
S6d	3/4" φ	33	9'-6"	313.50	470.88	STR.
S5a	5/8" φ	32	11'-5"	365.44	381.15	BENT.
S5b		32	14'-9"	472.00	492.30	BENT.
S5c		33	9'-6"	313.50	326.98	STR.
V5b		26	6'-0"	156.00	162.71	STR.
V5e		26	3'-9"	97.50	101.69	BENT.
L5a		38	2'-9"	112.00	116.80	STR.
K5a		4	5'-6"	22.00	22.95	BENT.
K5b		8	3'-0"	24.00	25.03	BENT.
K5c		4	4'-8"	18.67	19.47	BENT.
K5d		8	2'-2"	17.36	18.11	BENT.
S4a	1/2" φ	33	9'-6"	313.50	209.42	STR.
S4c	1/2" φ	33	14'-5"	475.86	317.87	BENT.
V4a	1/2" φ	130	7'-1"	920.40	614.83	BENT.
TOTAL					4332.59 (113)	

WATER & BRINE LINE SUPPORTS

MARK	SIZE	N _R	LENGTH	TOT. FEET	WT. LB.	SHAPE
D6a	3/4" φ	66	2'-3"	148.50	223.05	BENT.
D6b	3/4" φ	201	1'-5"	285.42	428.70	BENT.
TOTAL					651.75	

NOTES
LAK. 2-13.72
LAK. 44-588
LAKE COUNTY

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8

PLANT PAINESVILLE
8'x6' CONCRETE CULVERT

S.R. 2 CROSSING

DIAMOND ALKALI COMPANY
CENTRAL ENGINEERING DEPARTMENT

PW 114-13 A

REFERENCE DRAWINGS
ASSOCIATE ENGINEERS
FULLERTON AND KERR
PAINESVILLE, OHIO

APPROVALS:
WGP DATE 5-3-60
DATE

CONTRACT NO.

DWG. B.M.	APPRO. NO.	REVISION DESCRIPTION	DATE	BY	CHK'D.	APPR.	DWG. B.M.	APPRO. NO.	REVISION DESCRIPTION	DATE	BY	CHK'D.	APPR.	OTHER APPROVALS
A		ORIGINAL ISSUE												

APPROVED FOR CONST. *WGP* DATE 5/4/60

DRAWN *C.M.* DATE 5-2-60

CHECKED *WGP* DATE 5-3-60

SCALE AS NOTED