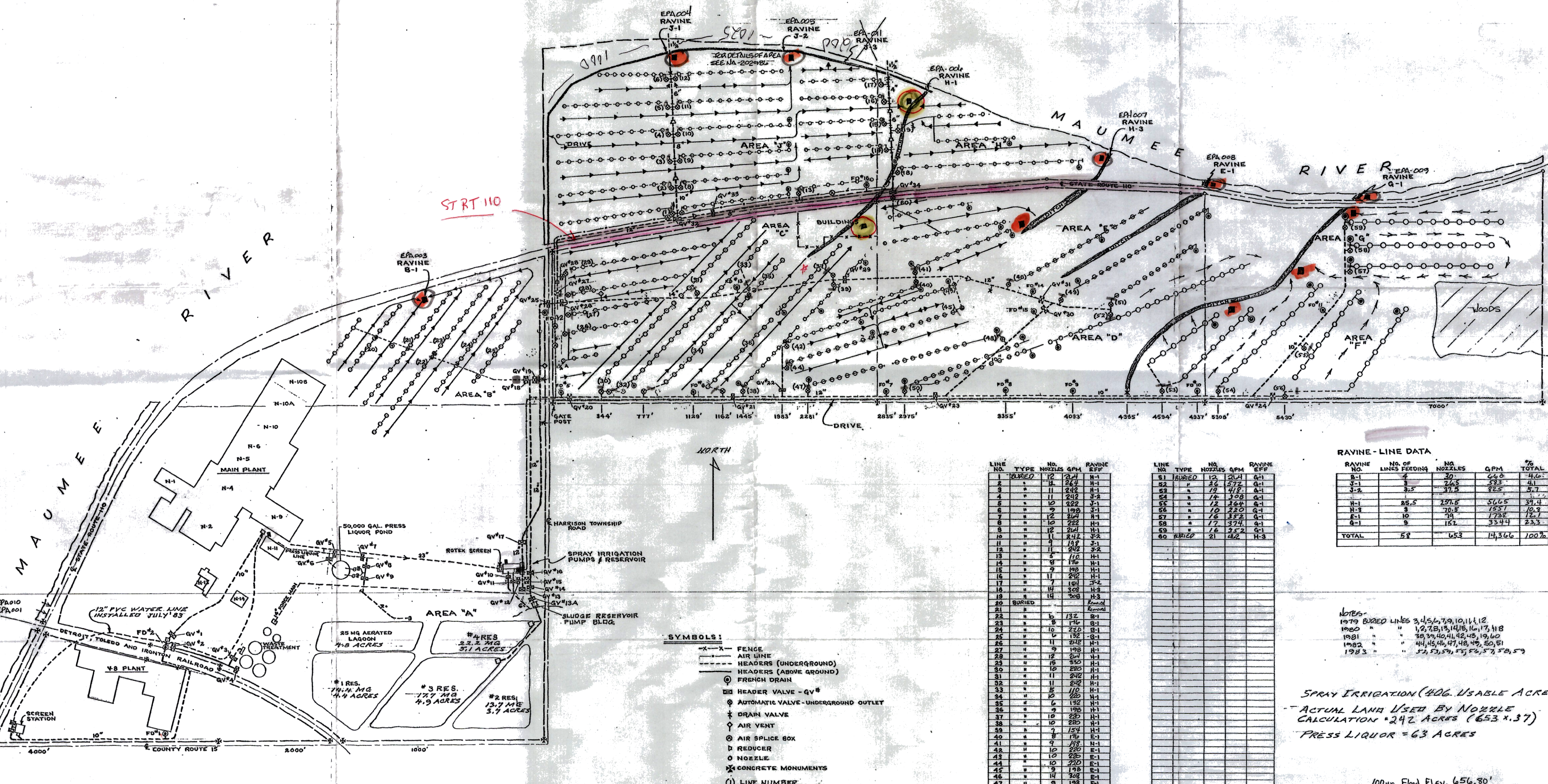




- Drops reqd. 6/15/14
 - Drops reqd. 6/15/15

- SYMBOLS:**
- X-X- FENCE
 - AIR LINE
 - HEADERS (UNDERGROUND)
 - HEADERS (ABOVE GROUND)
 - FRENCH DRAIN
 - ⊠ HEADER VALVE - GV#
 - ⊠ AUTOMATIC VALVE - UNDERGROUND OUTLET
 - ⊠ DRAIN VALVE
 - ⊠ AIR VENT
 - ⊠ AIR SPLICE BOX
 - ⊠ REDUCER
 - ⊠ NOZZLE
 - ⊠ CONCRETE MONUMENTS
 - (1) LINE NUMBER

- AIR PRESSURE SENSORS
- INTER-MEDIATE CATCH BASINS
- FINAL CATCH BASINS

LINE NO.	TYPE	NO.	NOZZLES	GPM	RAVINE EFF.
1	BURIED	12	241	G-1	
2	"	11	242	H-1	
3	"	11	242	J-2	
4	"	10	222	J-1	
5	"	9	192	J-1	
6	"	12	241	H-1	
7	"	12	241	H-1	
8	"	12	241	H-1	
9	"	11	242	J-2	
10	"	9	192	J-1	
11	"	9	192	J-1	
12	"	11	242	J-2	
13	"	8	176	H-1	
14	"	9	192	H-1	
15	"	9	192	H-1	
16	"	11	242	H-1	
17	"	11	242	J-2	
18	"	14	308	H-3	
19	"	14	308	H-3	
20	BURIED				
21	"				
22	"	12	241	G-1	
23	"	8	176	G-1	
24	"	10	222	G-1	
25	"	6	132	G-1	
26	"	11	242	H-1	
27	"	9	192	H-1	
28	"	12	241	H-1	
29	"	15	350	H-1	
30	"	10	222	H-1	
31	"	11	242	H-1	
32	"	11	242	H-1	
33	"	5	110	H-1	
34	"	10	222	H-1	
35	"	6	132	H-1	
36	"	9	192	H-1	
37	"	10	222	H-1	
38	"	10	222	H-1	
39	"	7	154	H-1	
40	"	8	176	E-1	
41	"	9	192	E-1	
42	"	14	308	E-1	
43	"	10	222	E-1	
44	"	10	222	E-1	
45	"	9	192	E-1	
46	"	14	308	E-1	
47	"	9	192	E-1	
48	"	9	192	E-1	
49	"	18	470	E-1	
50	"	20	410	E-1	

LINE NO.	TYPE	NO.	NOZZLES	GPM	RAVINE EFF.
51	BURIED	12	241	G-1	
52	"	8	176	G-1	
53	"	10	222	G-1	
54	"	14	308	G-1	
55	"	12	241	G-1	
56	"	10	222	G-1	
57	"	16	352	G-1	
58	"	17	374	G-1	
59	"	16	352	G-1	
60	BURIED	21	462	H-3	

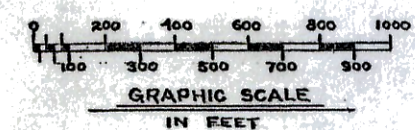
RAVINE - LINE DATA

RAVINE NO.	NO. OF LINES FEEDING	NO. NOZZLES	GPM	% TOTAL
B-1	4	30	660	4.6
J-1	3	24	528	4.1
J-2	3	24	528	4.1
H-1	25.5	250.5	5665	39.4
H-3	3	70.5	1557	10.3
E-1	10	79	1738	12.1
G-1	9	151	3344	23.3
TOTAL	58	653	14,366	100%

NOTES:
 1979 BURIED LINES 3, 4, 5, 6, 7, 9, 10, 11, 12
 1980 " " 1, 2, 3, 13, 14, 15, 16, 17, 18
 1981 " " 38, 39, 40, 41, 42, 43, 19, 60
 1982 " " 44, 45, 46, 47, 48, 49, 50, 51
 1983 " " 52, 53, 54, 55, 56, 57, 58, 59

SPRAY IRRIGATION (406. USABLE ACRES)
 ACTUAL LAND USED BY NOZZLE
 CALCULATION = 242 ACRES (653 x .37)
 PRESS LIQUOR = 63 ACRES

100 yd Flood Elev. 656.80'



APPROVED	PROJECT NO.	DATE	BY	DESCRIPTION OF REVISION	ZONE
CHIEF ENGINEER					
PROJ. ENG.	JOB FOLDER NO.				
PROJ. ENG.	BILL OF MATERIAL				
PROJ. ENG.	SPECIFICATION				
PROJ. ENG.	DETAIL DWGS.				
PROJ. ENG.	REFERENCE				

CAMPBELL SOUP COMPANY
 ENGINEERING DEPT., NAPOLEON, OHIO
 DATE 5-18-83
 SCALE SEE GRAPHIC
 DRAWN BY BRUNDAUGH
 CHECKED BY
 DIRECTED BY SALSBUARY
 NA-205061-06