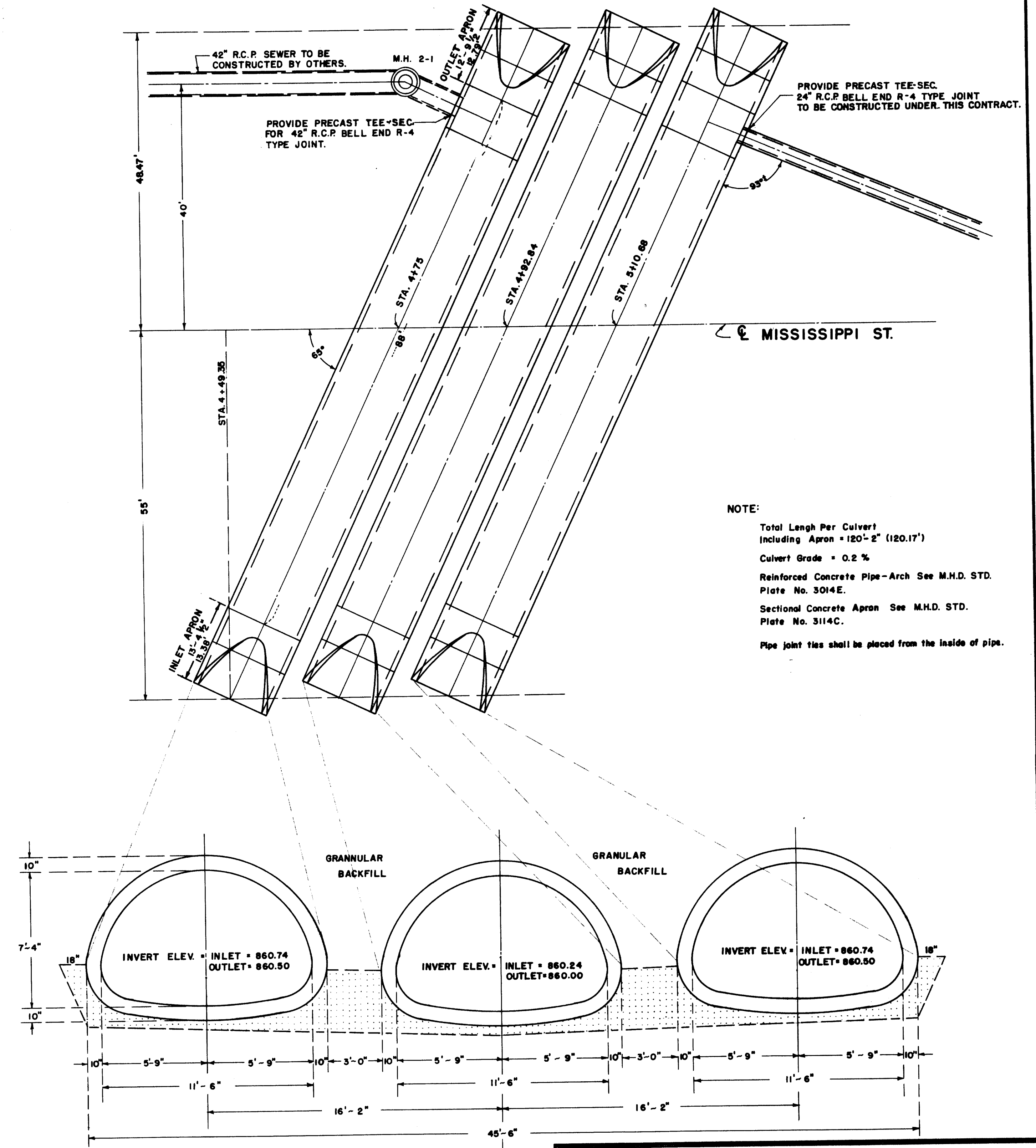


NO.	DESCRIPTION	NO.	DESCRIPTION
1	24" BLACK OAK	31	8" ASH
2	18" BLACK OAK	32	8" ASH
3	20" BLACK OAK	33	18" ELM
4	TWIN 8" BK. ELDER	34	18" BLACK OAK
5	8" BOX ELDER	35	8" BLACK OAK
6	10" BOX ELDER	36	8" BLACK OAK
7	8" WILLOW	37	4" WHITE OAK
8	4" WILLOW	38	RTS. GLUMP BL. OAK
9	8" WILLOW	39	8" ELM
10	8" WILLOW	40	18" BOX ELDER
11	4" POPLAR	41	12" BLACK OAK
12	4" ASH	42	12" ASH
13	8" WILLOW	43	4" ELM
14	4" ASH	44	2-8" WILLOWS
15	4" ASH	45	2-8" WILLOW
16	4" WILLOW	46	4" WILLOW
17	TWIN 8" WILLOW	47	4" WILLOW
18	8" WILLOW	48	8" WILLOW
19	8" WILLOW	49	8" BLACK OAK
20	8" WILLOW	50	2-12" ASH
21	8" WILLOW	51	12" WILLOW
22	4" WILLOW	52	24" COTTONWOOD
23	8" WILLOW	53	4" ASH
24	8" ASH	54	20" BOX ELDER
25	20" ASH	55	8" ELM
26	8" ELM	56	2-8" WILLOWS
27	18" BLACK OAK		
28	8" ASH		
29	12" ASH		
30	8" ASH		



NOTE:
 Total Length Per Culvert Including Apron = 120'-2" (120.17')
 Culvert Grade = 0.2 %
 Reinforced Concrete Pipe - Arch See M.H.D. STD. Plate No. 3014E.
 Sectional Concrete Apron See M.H.D. STD. Plate No. 3114C.
 Pipe joint ties shall be placed from the inside of pipe.

**DETAILS FOR
 108" (11'-6" x 7'-4") TRIPLE ARCH CULVERTS**

MILNER W. CARLEY & ASSOCIATES
 CONSULTING CIVIL ENGINEERS LAND SURVEYORS

800 W. HWY. 95 ST. PAUL 12, MINN. 551-3301
 214 OAK ST. BANK CENTRE, MINN. 252-3884
 18 4TH AVE. S.E. ST. CLOUD, MINN. 281-7781

SURVEY BY	I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.	REVISIONS
DESIGNED BY		AS - BUILTS 11-9-71
DRAWN BY		
APPROVED BY		
SHEET 3 OF 8 SHEETS	Date	Reg. No.
		COMM. NO.

