

STORM SEWERS IN PEPPERWOOD ADDITION

PROJECT NO.

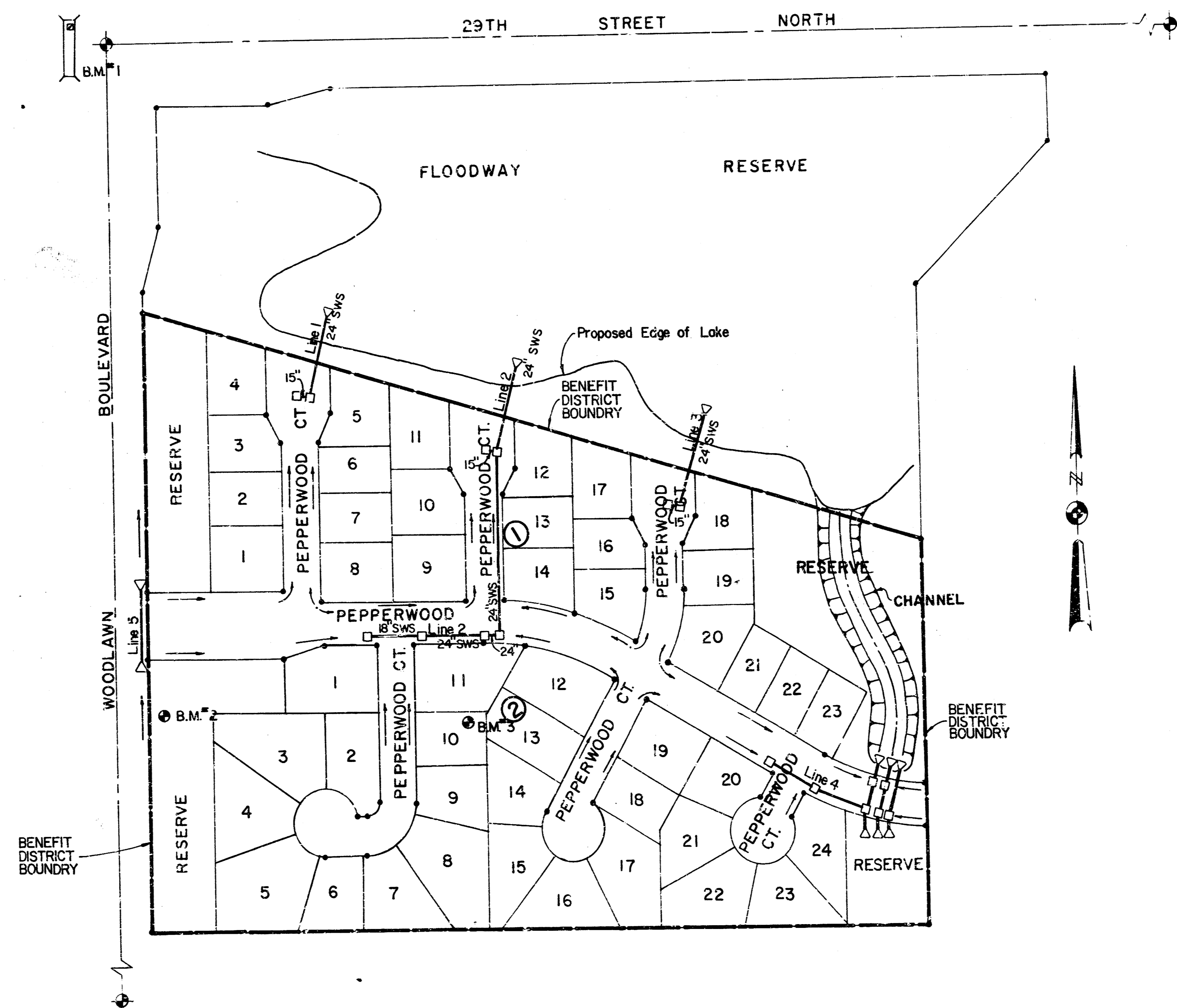
468-76-245-80836-000-000-001

S. W. S. NO. 170

CITY OF WICHITA, KANSAS
R. W. BRUGGEMAN, CITY ENGINEER

GENERAL NOTES

- CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.
- FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES IN THE PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH IRONS AND THIMBLES DISTURBED DURING CONSTRUCTION.
- THE TOPS OF INLETS AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATION OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
- ALL METAL PIPES SHALL BE HELICALLY CORRUGATED PIPE FULLY COATED BOTH INSIDE AND OUTSIDE. THE COATING MAY BE BITUMINOUS OR POLYMERIC AS SPECIFIED IN AASHTO DESIGNATION: M246 - 78, TYPE B. ALL SUCH COATED CORRUGATED PIPE SHALL BE SMOOTH FLOW PIPES FOR SIZES 24" DIAMETER AND LARGER. ALL CONNECTIONS FOR THESE FULLY COATED OR FULLY PAVED AND FULLY COATED PIPES SHALL BE OF FAIRLY WATERTIGHT CONSTRUCTION USING HUGGER TYPE COUPLER OR EQUAL.
- ALL CONCRETE SHALL BE "6 - SACK CONCRETE" UNLESS OTHERWISE NOTED.
- THE RIPRAP FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 RIPRAP SHALL BE 12" RIPRAP. THE ROCK FOR RIPRAP AND GRAVEL PROTECTION SHALL BE HARD, DENSE, DURABLE AND SHALL BE REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL BE A MAXIMUM OF ONE CUBIC FOOT AND A MINIMUM OF 1 1/2".
- CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.
- CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING PRECAST CONCRETE TYPE 1A CURB INLETS IN LIEU OF THE BRICK TYPE STRUCTURE. SEE STANDARD DETAIL PRECAST TYPE 1A CURB INLET DATED AUGUST, 1979. ALL INLETS SHALL BE OF THE SAME TYPE UNLESS OTHERWISE SPECIFIED ON PLANS.
- CONTRACTOR SHALL MEET WITH ENGINEER AND OWNER PRIOR TO CONSTRUCTION TO ESTABLISH LIMITS OF CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING AND MULCHING ALL AREAS DISTURBED IN THE CONTRACT OUTSIDE OF THE STREET RIGHT-OF-WAY.



INDEX TO DRAWINGS

SHT. NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 5 & LINE 1
3	LINE 2
4	LINE 2 & LINE 4
5	CHANNEL
6	LINE 3
7	INLET DETAIL

BENCHMARKS	
B.M. 1:	"□" in E. end N. headwall first Culvert W. of Woodlawn on 29th St. N. Elev. = 175.85
B.M. 2:	Stp. Spk. N.E. fc. Temporary p.p. Elev. = 186.53
B.M. 3:	Stp. Spk. N. fc. Temporary p.p. Elev. = 183.12

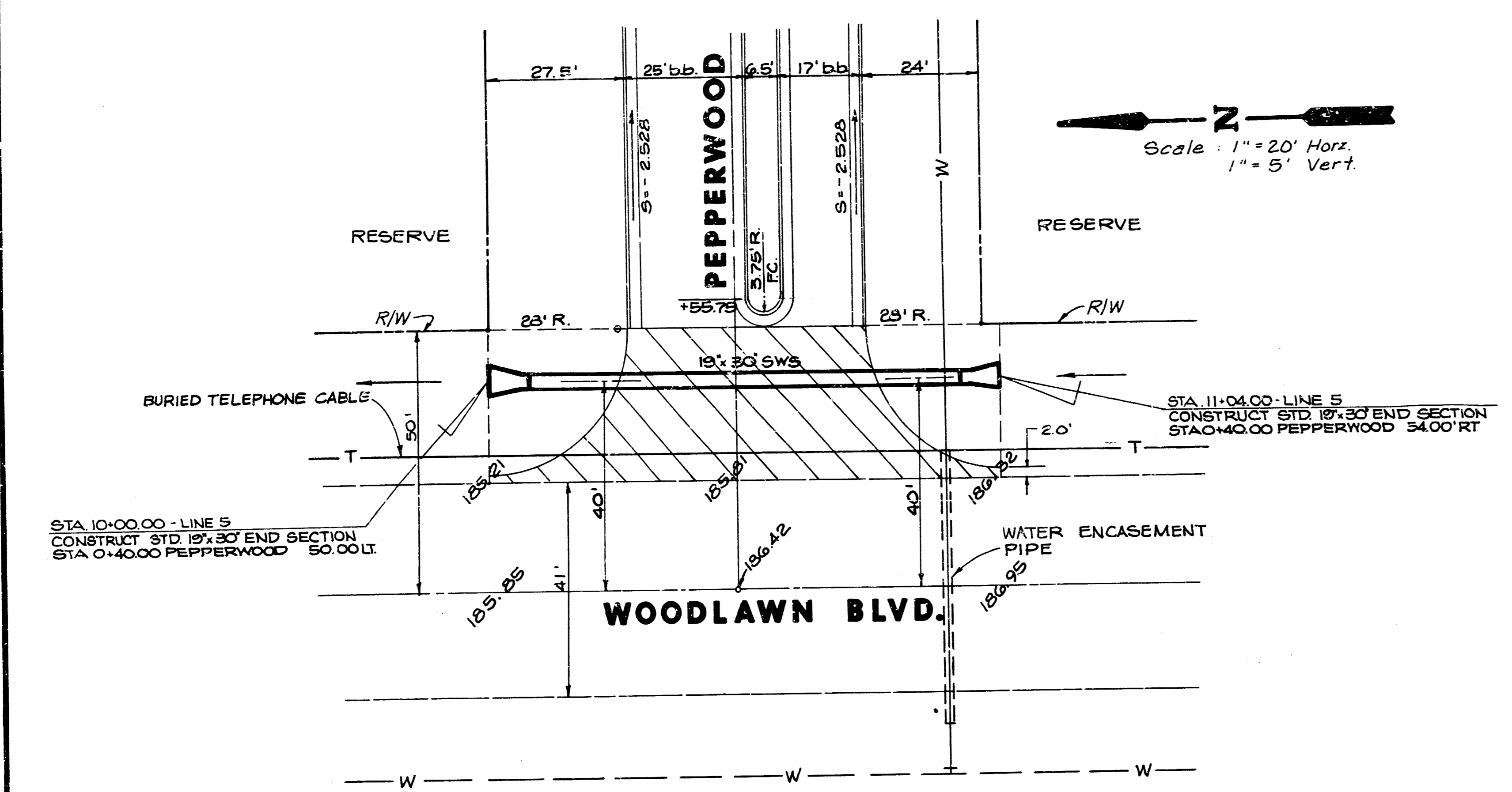
REVISED 25 AUG. 1981 - SHEETS 4 & 5



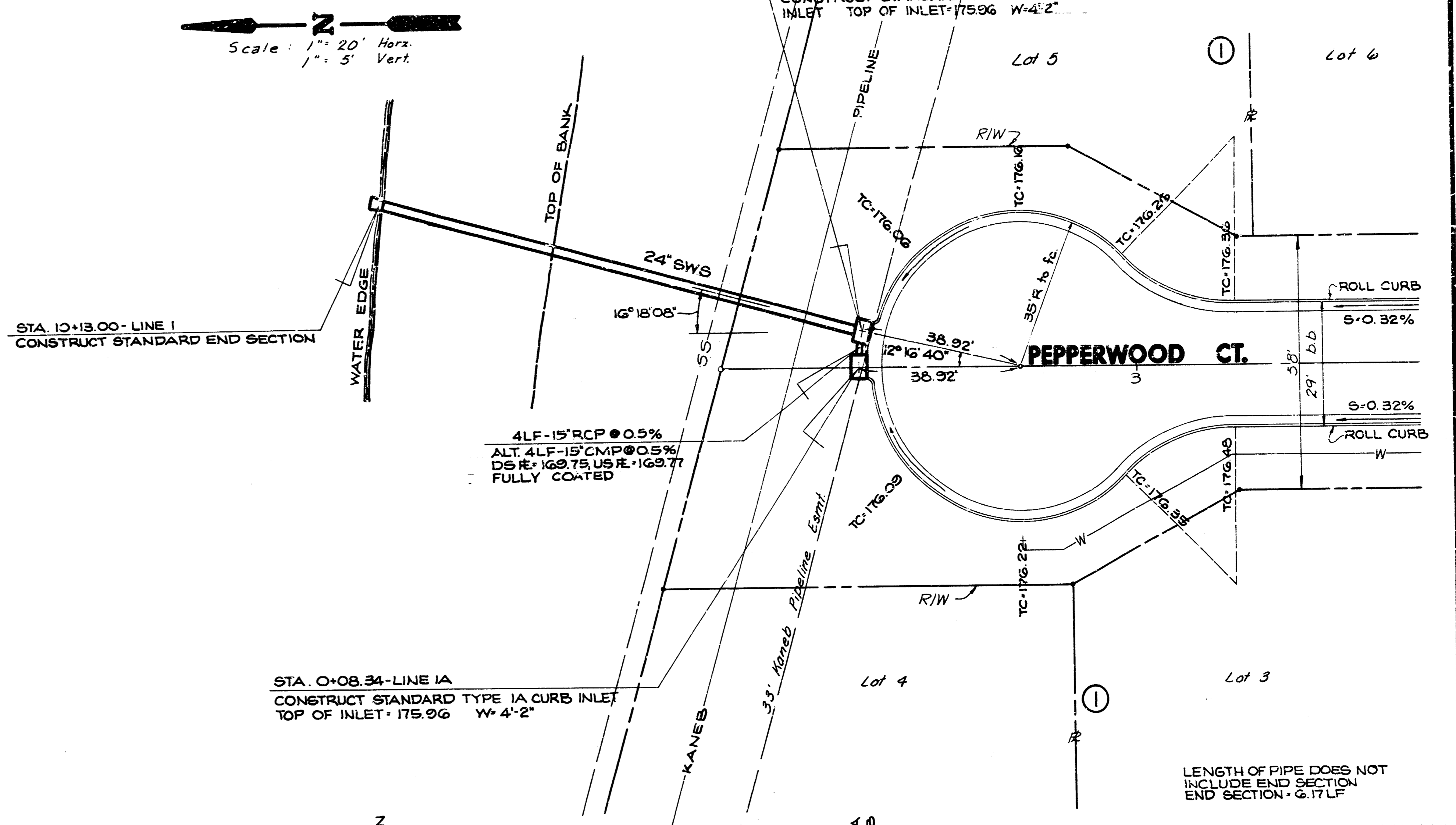
Van Doren - Hazard - Stallings
Architects • Engineers • Planners
Topeka Wichita Minneapolis

Sheet 1
of 7

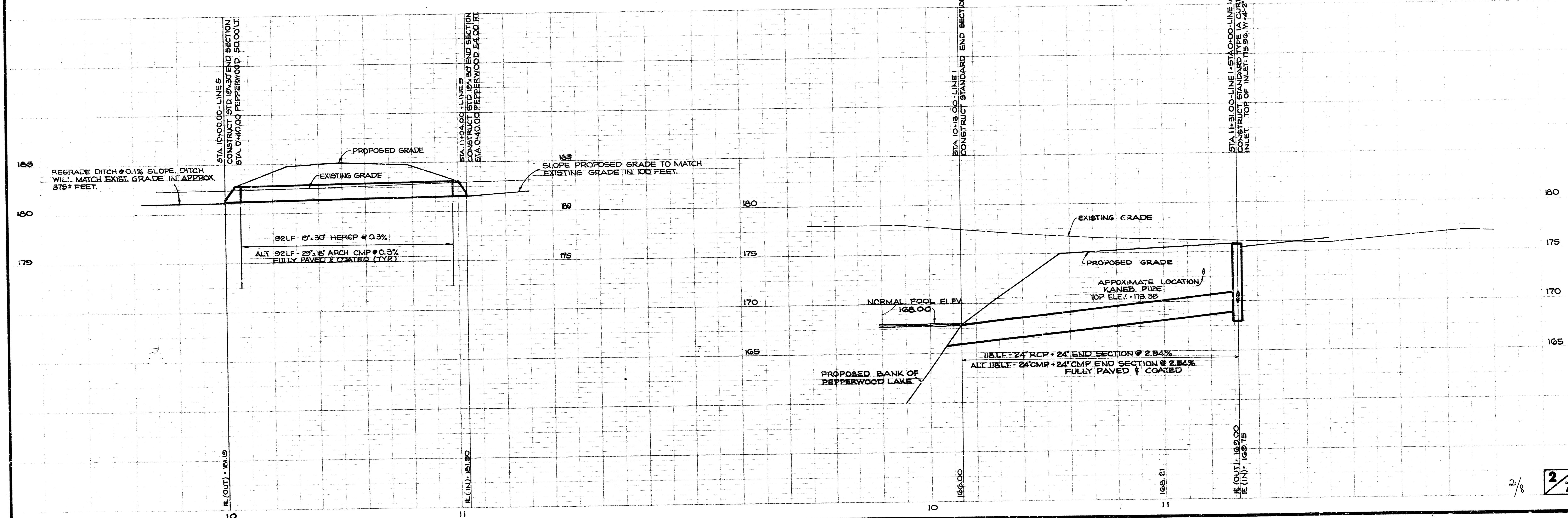
FILMED FROM THE BEST AVAILABLE COPY



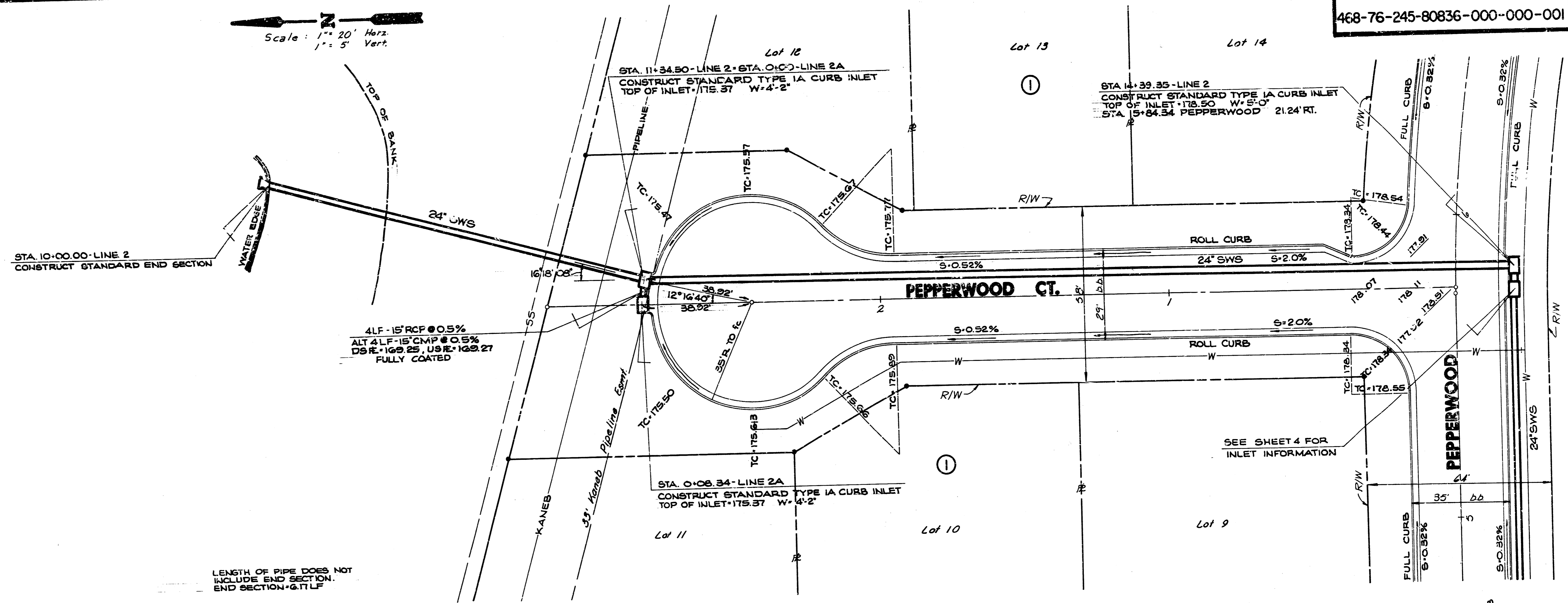
LENGTH OF PIPE DOES NOT INCLUDE END SECTION END SECTION - G.L.F.



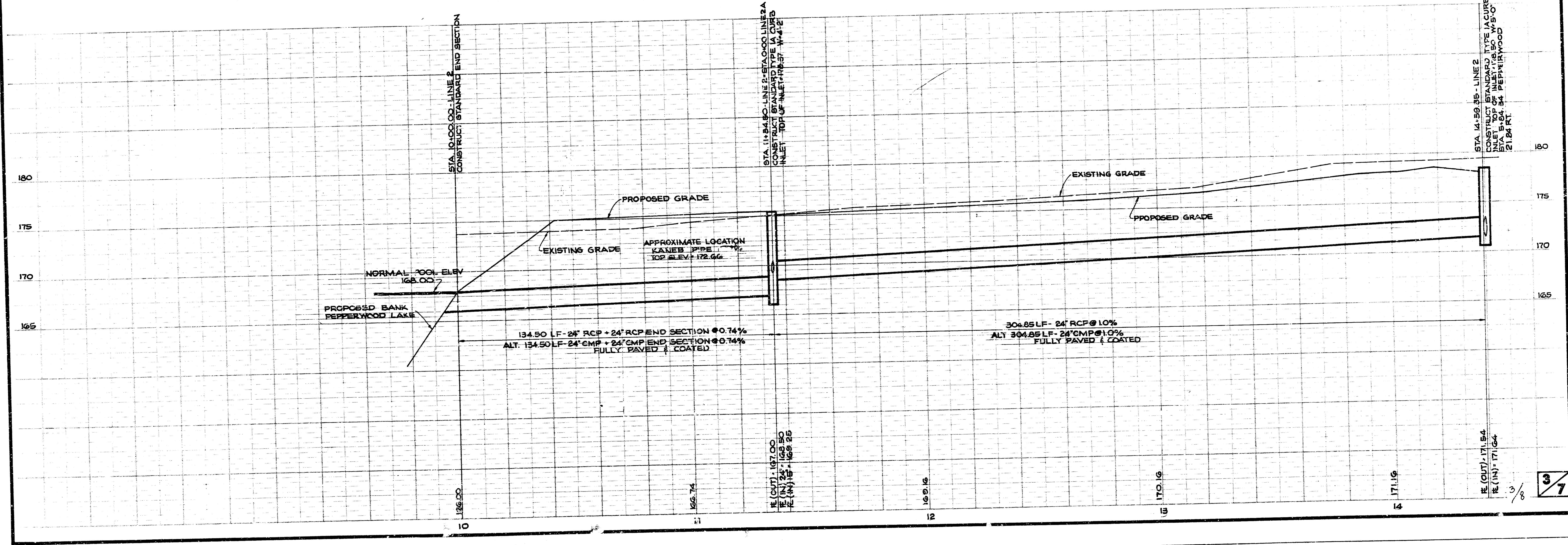
LENGTH OF PIPE DOES NOT INCLUDE END SECTION END SECTION - G.L.F.



Scale: 1" = 20' Horiz.
1" = 5' Vert.



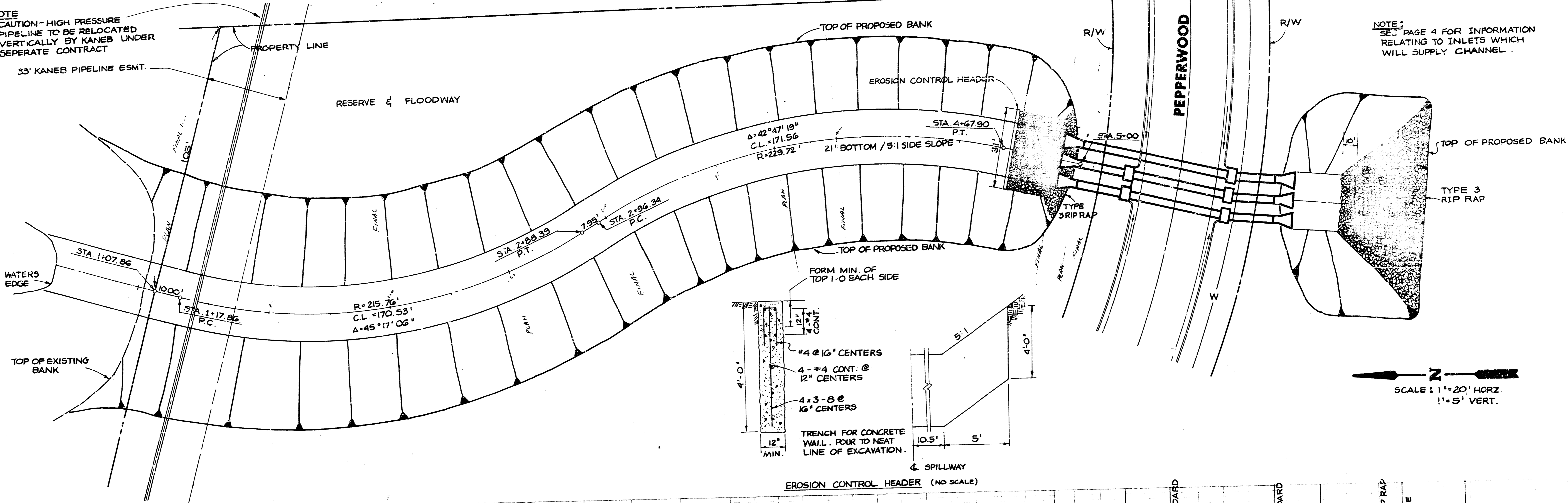
LENGTH OF PIPE DOES NOT INCLUDE END SECTION. END SECTION @ TIFL



NOTE

CAUTION - HIGH PRESSURE PIPELINE TO BE RELOCATED VERTICALLY BY KANEB UNDER SEPERATE CONTRACT

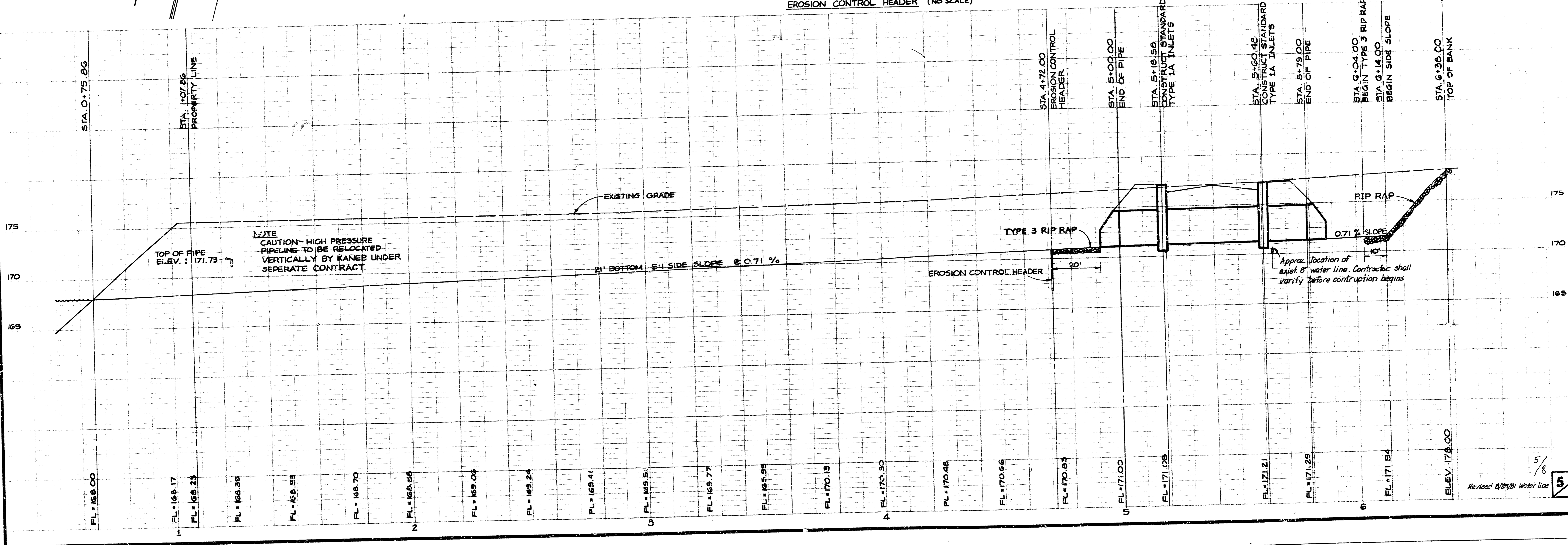
33' KANEB PIPELINE ESMT.

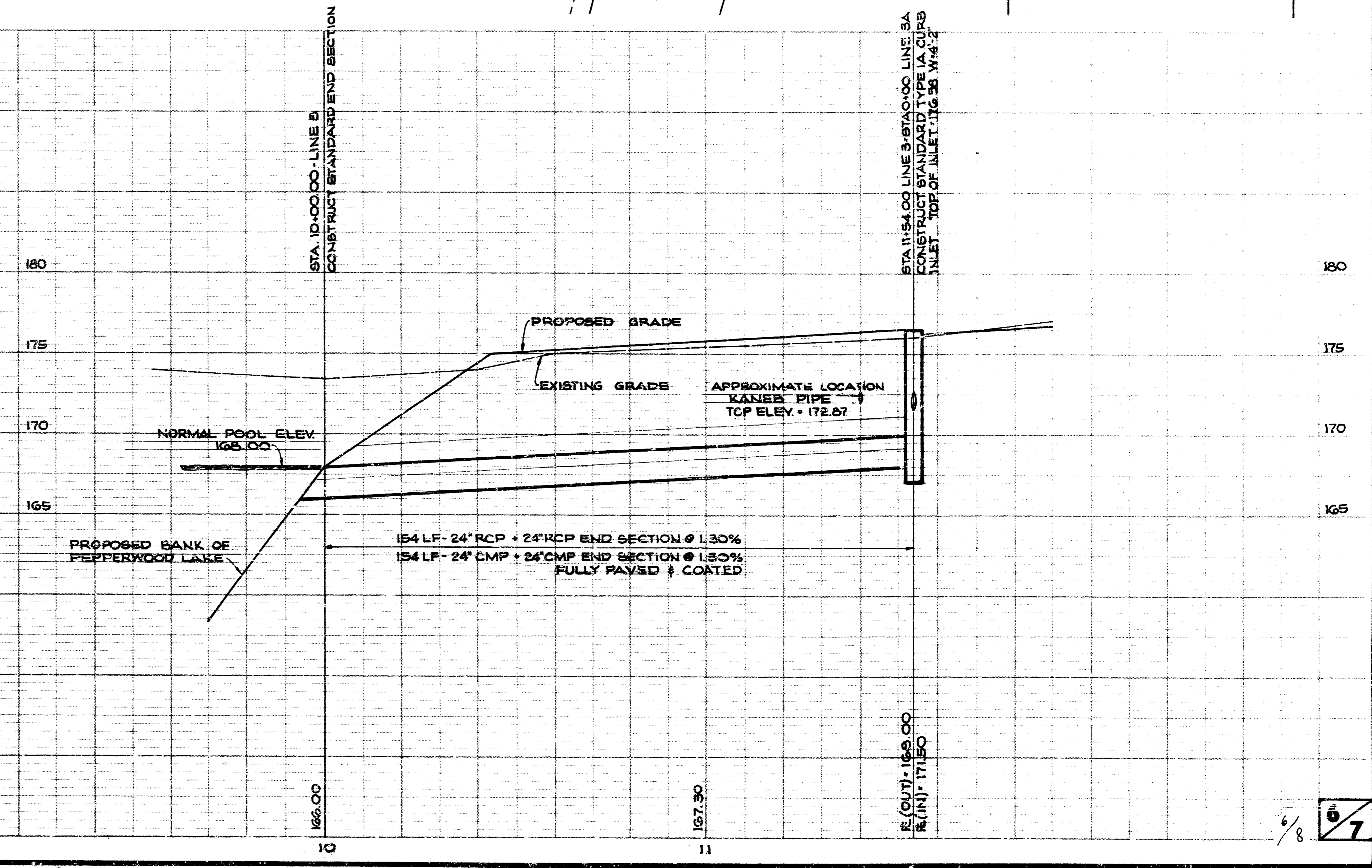
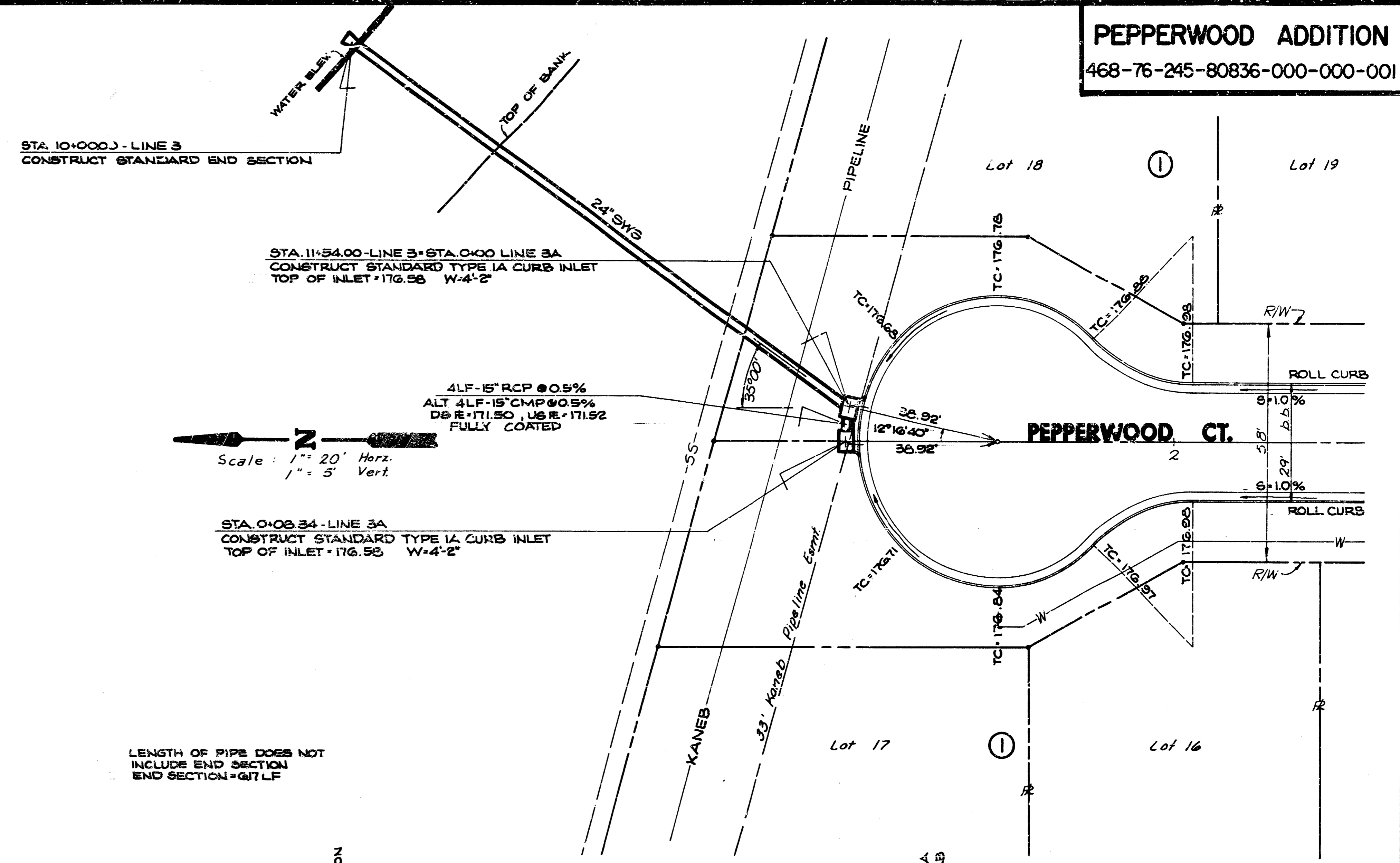


NOTE

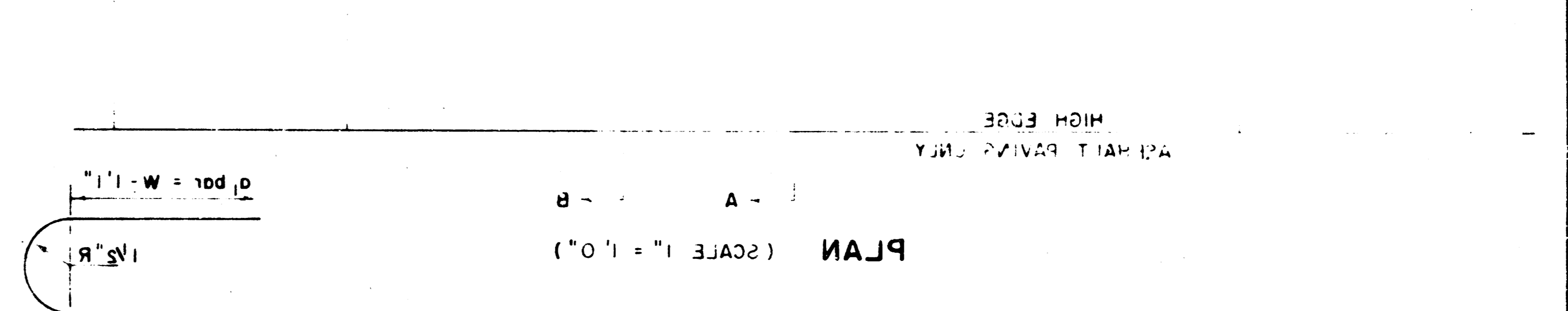
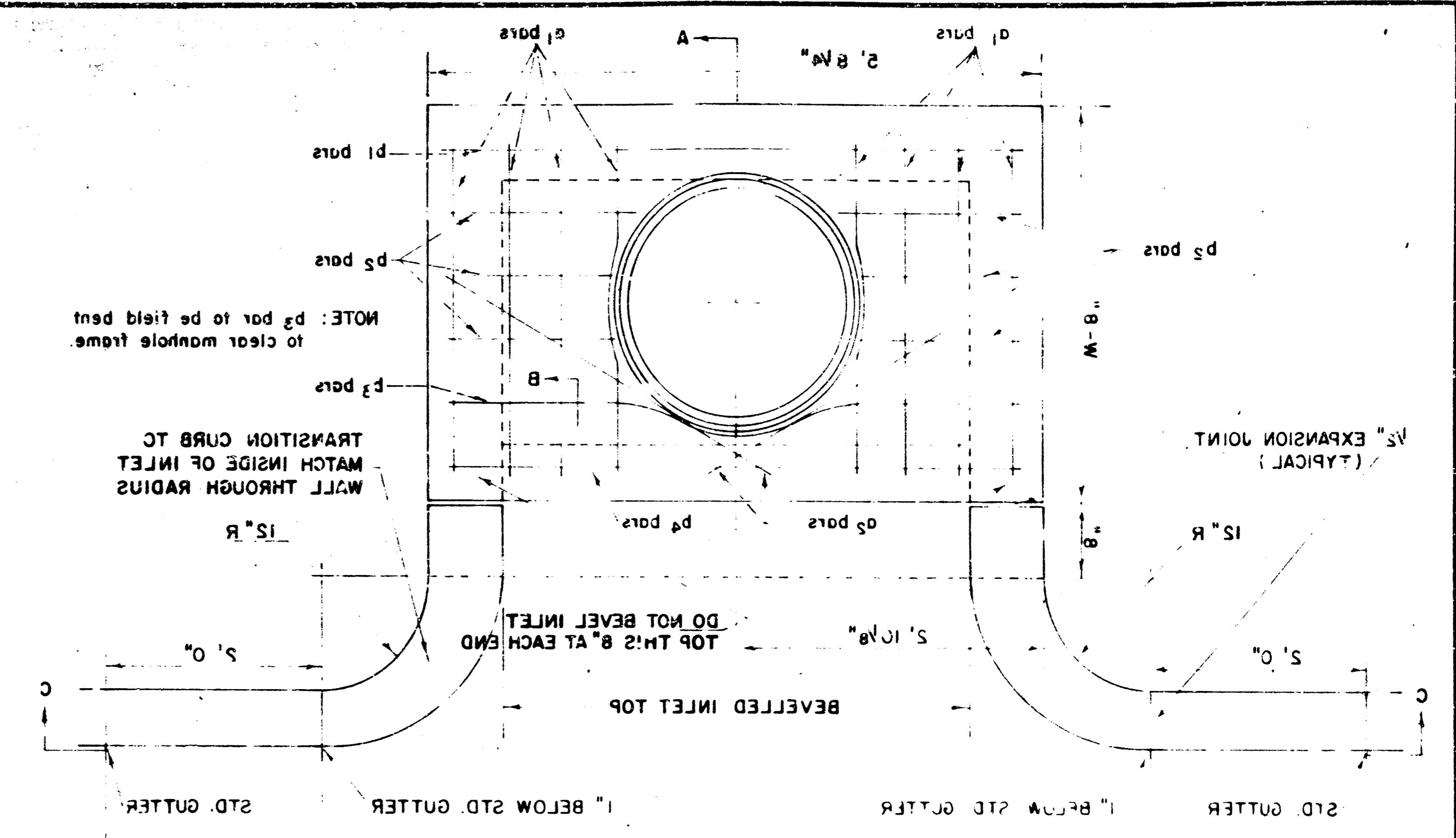
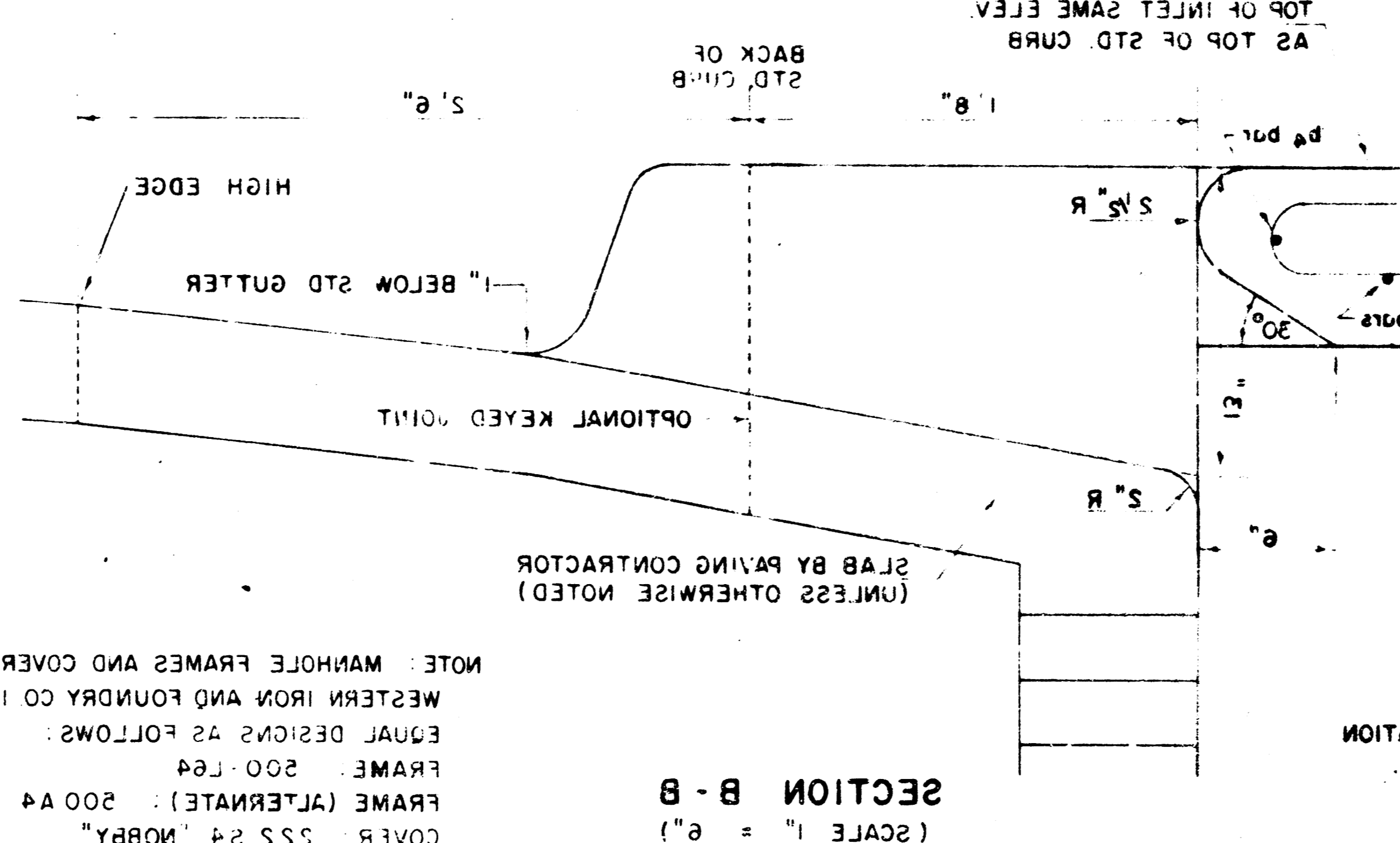
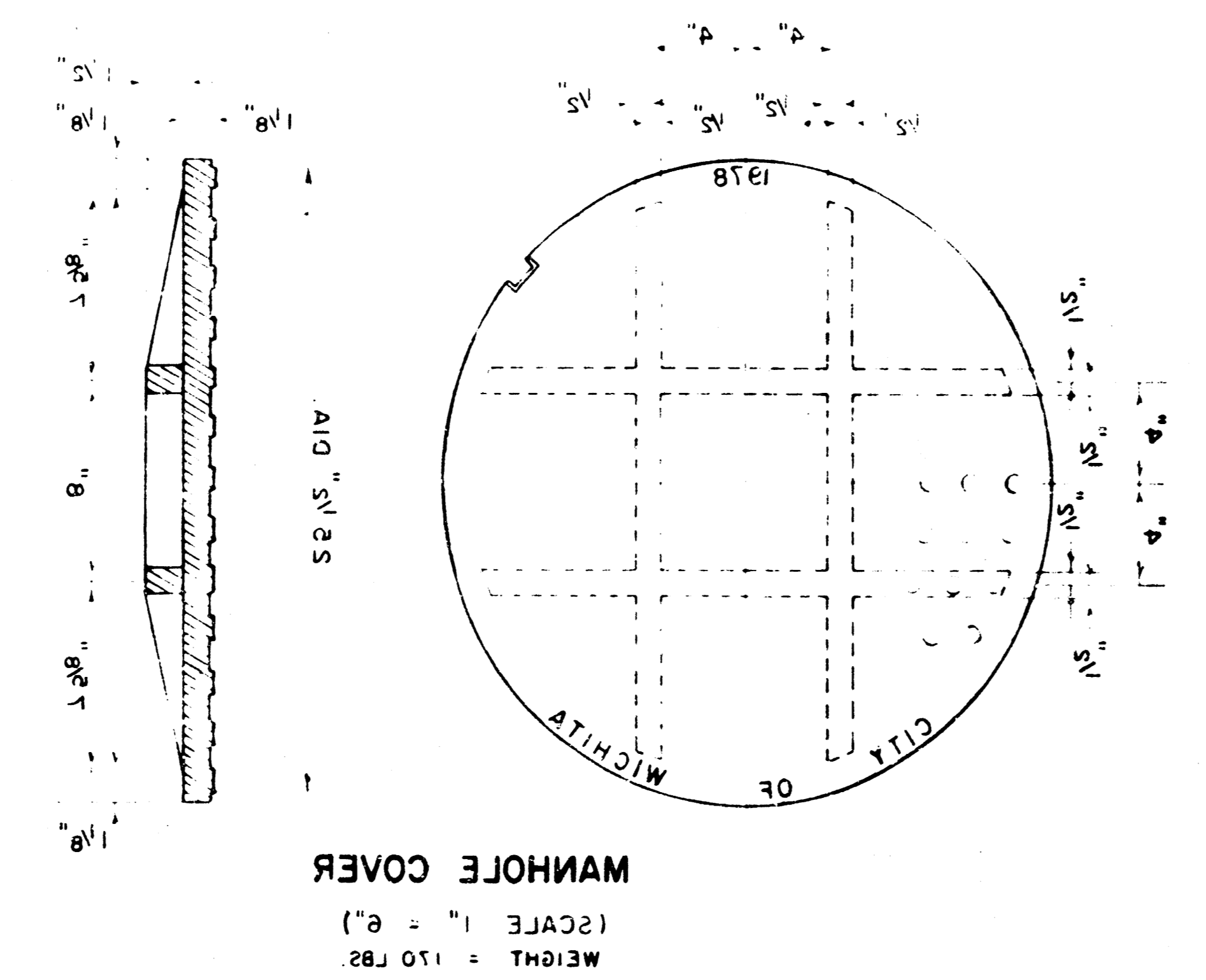
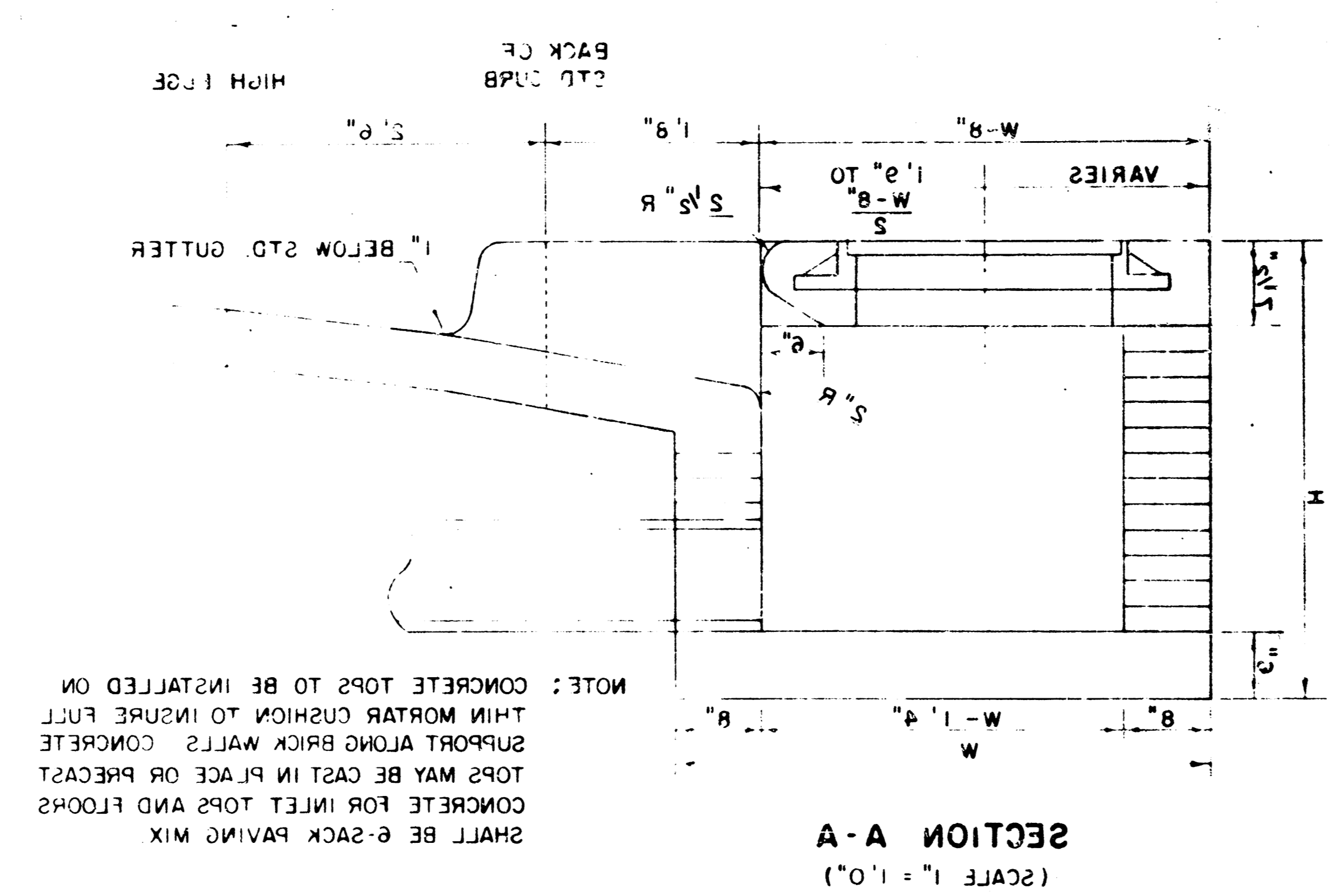
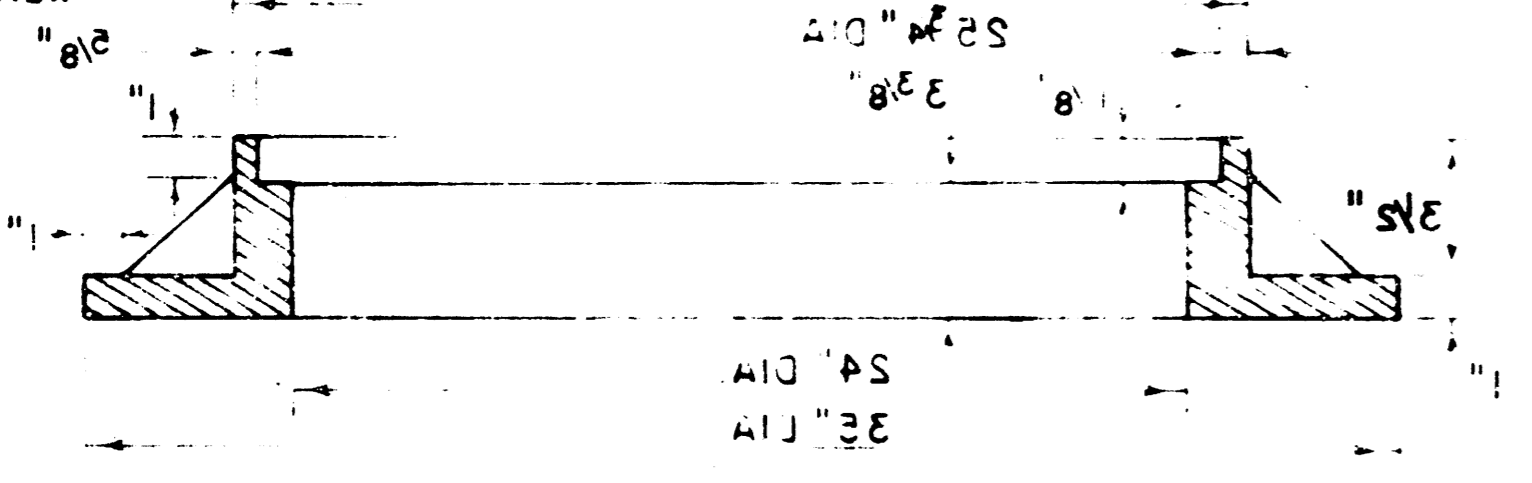
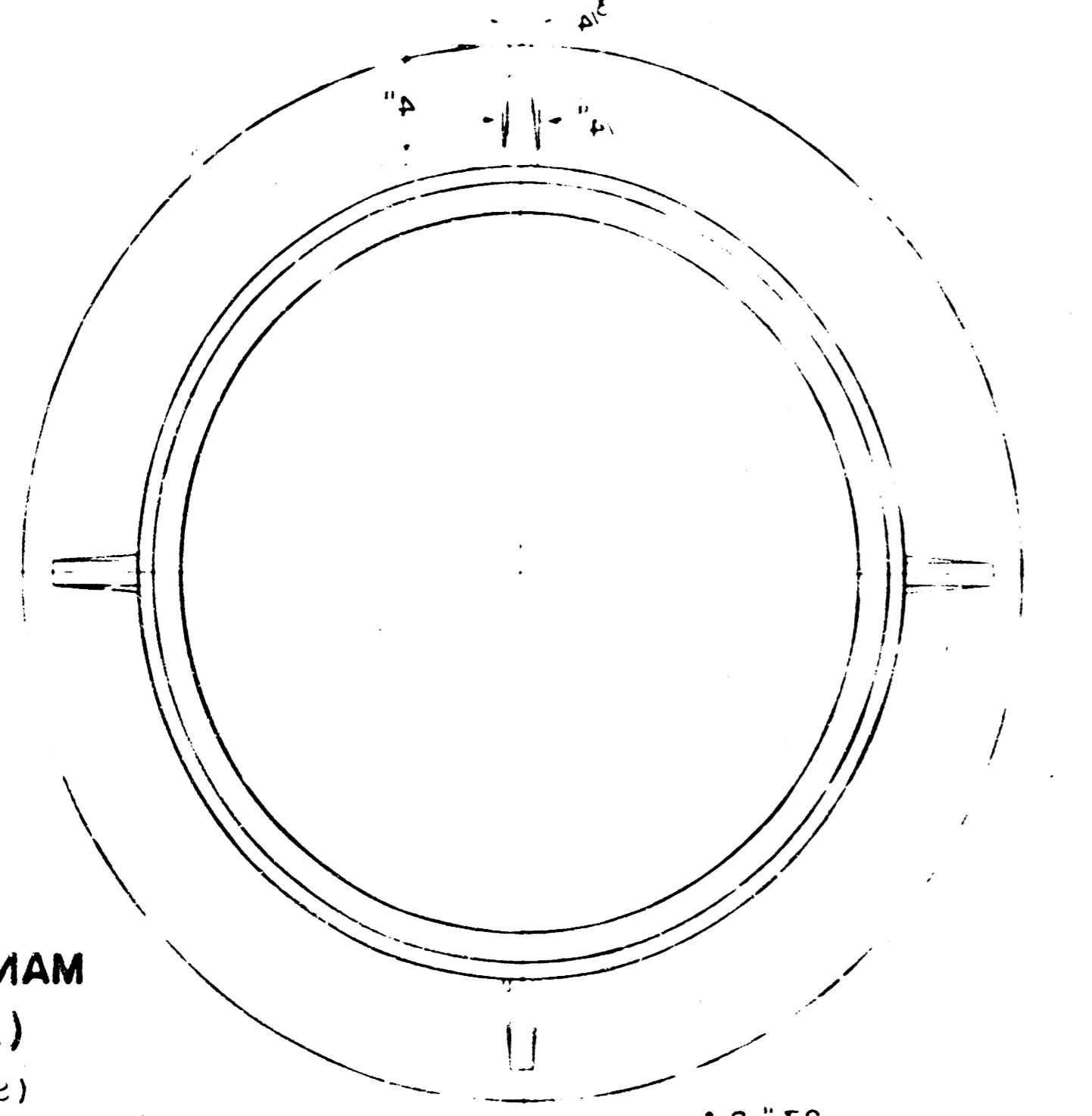
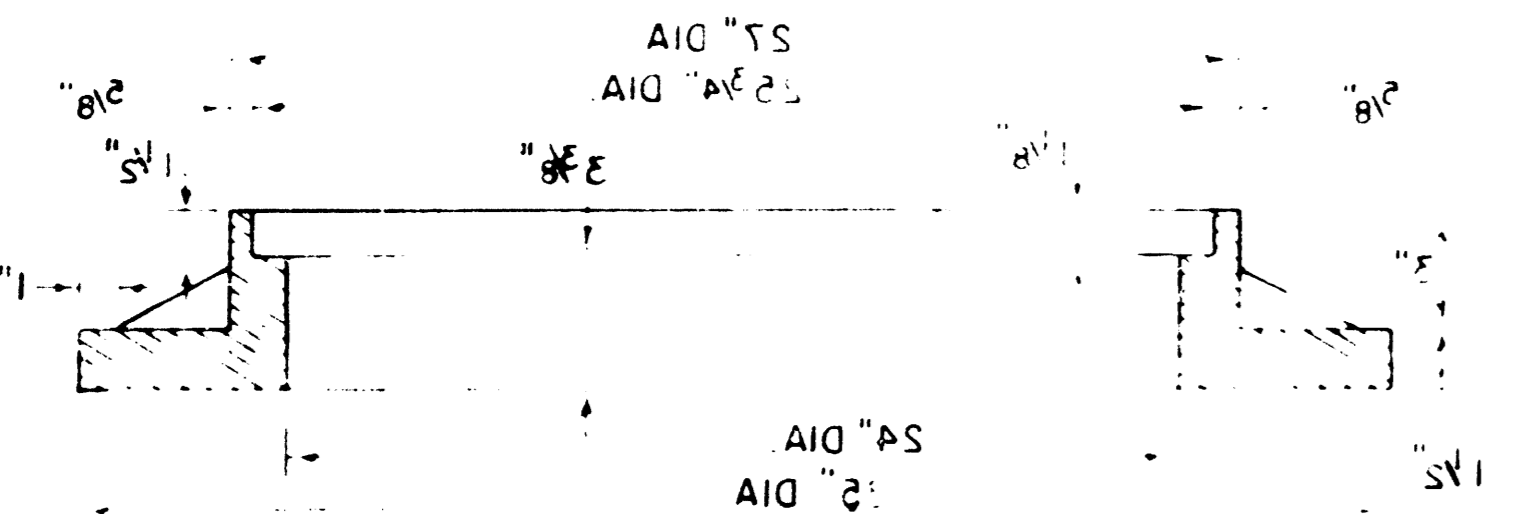
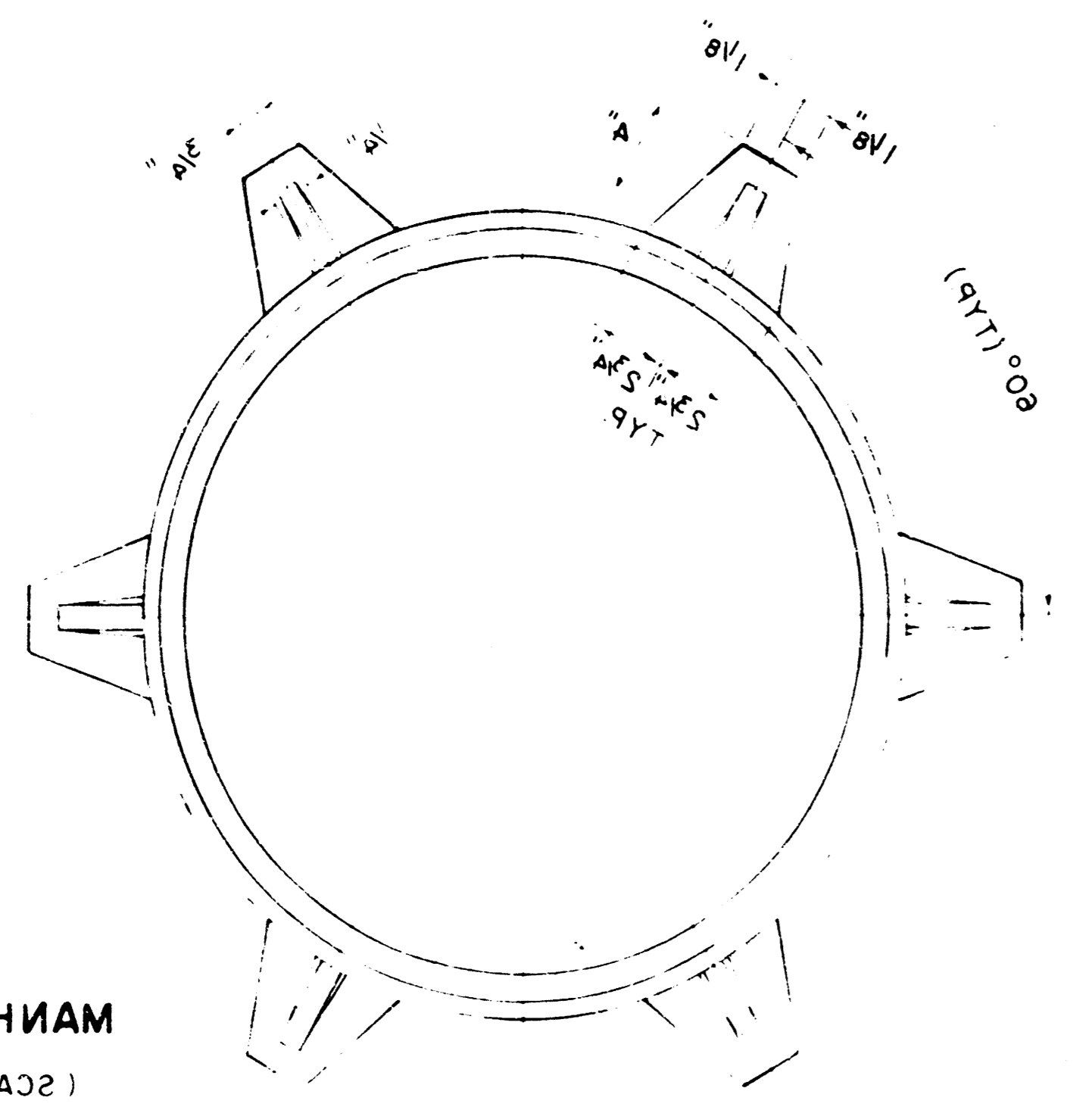
SEE PAGE 4 FOR INFORMATION RELATING TO INLETS WHICH WILL SUPPLY CHANNEL.

SCALES: 1"=20' HORIZ.
1"=5' VERT.





OCTOBER 1928
 R. W. LINN - CITY ENGINEER
 CITY OF WICHITA, KANSAS
 DETAIL STANDARD TYPE IA CURB INLET



STANDARD CURB INLET PRECAST TOPS

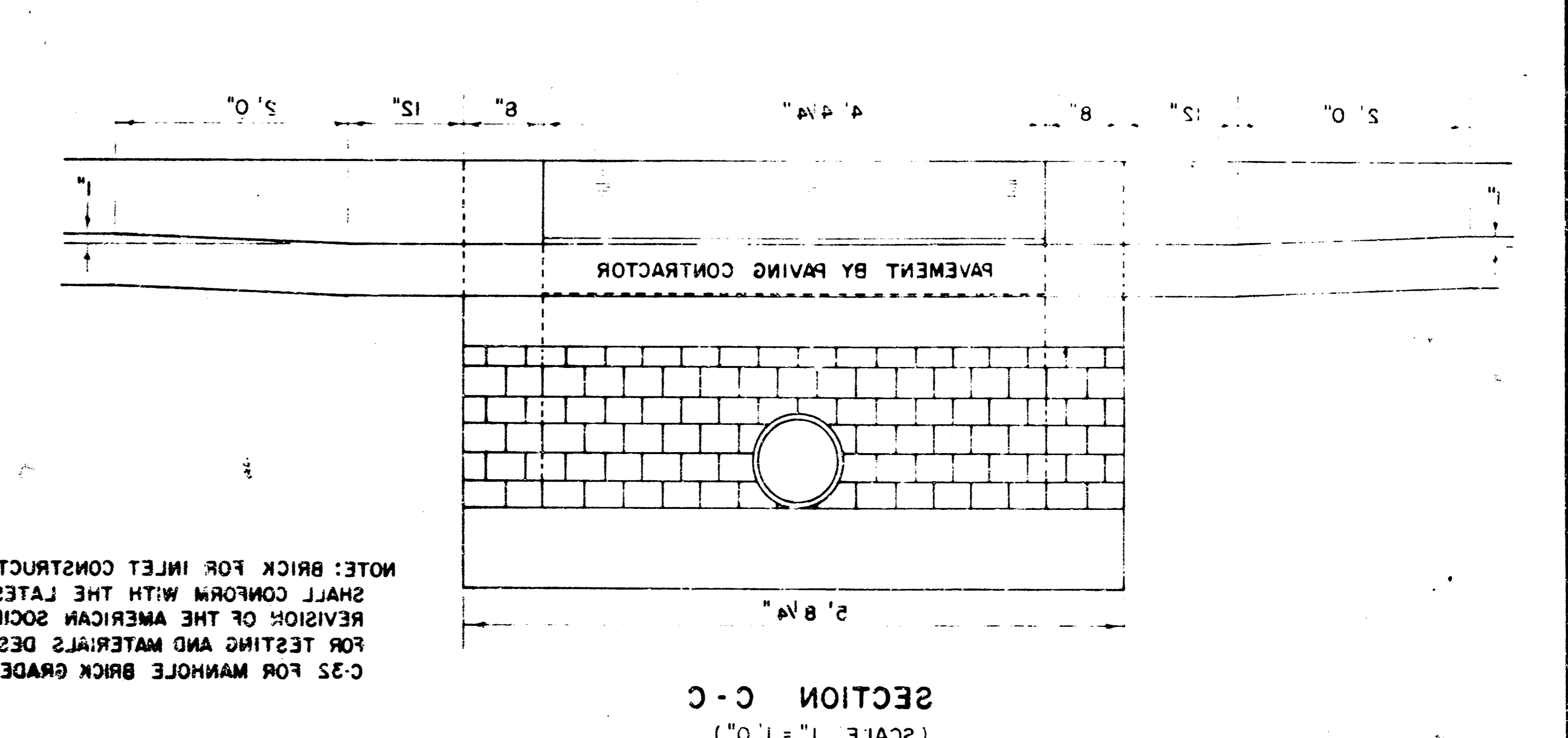
W	PRECAST TOP SIZE	PIPE SIZE	CU YD CONC
4.2	36" x 36" x 1.75"	31" & SMALLER	0.46*
5.0	44" x 36" x 1.75"	34" & 30"	0.57*
6.0	52" x 36" x 1.75"	36" & 42"	0.71*
7.0	60" x 36" x 1.75"	48" & 24"	0.84*
8.0	72" x 36" x 1.75"	60" & 66"	0.97*

* GROSS VOLUME

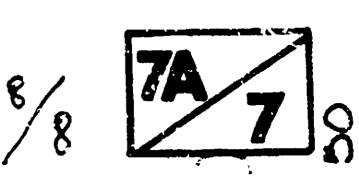
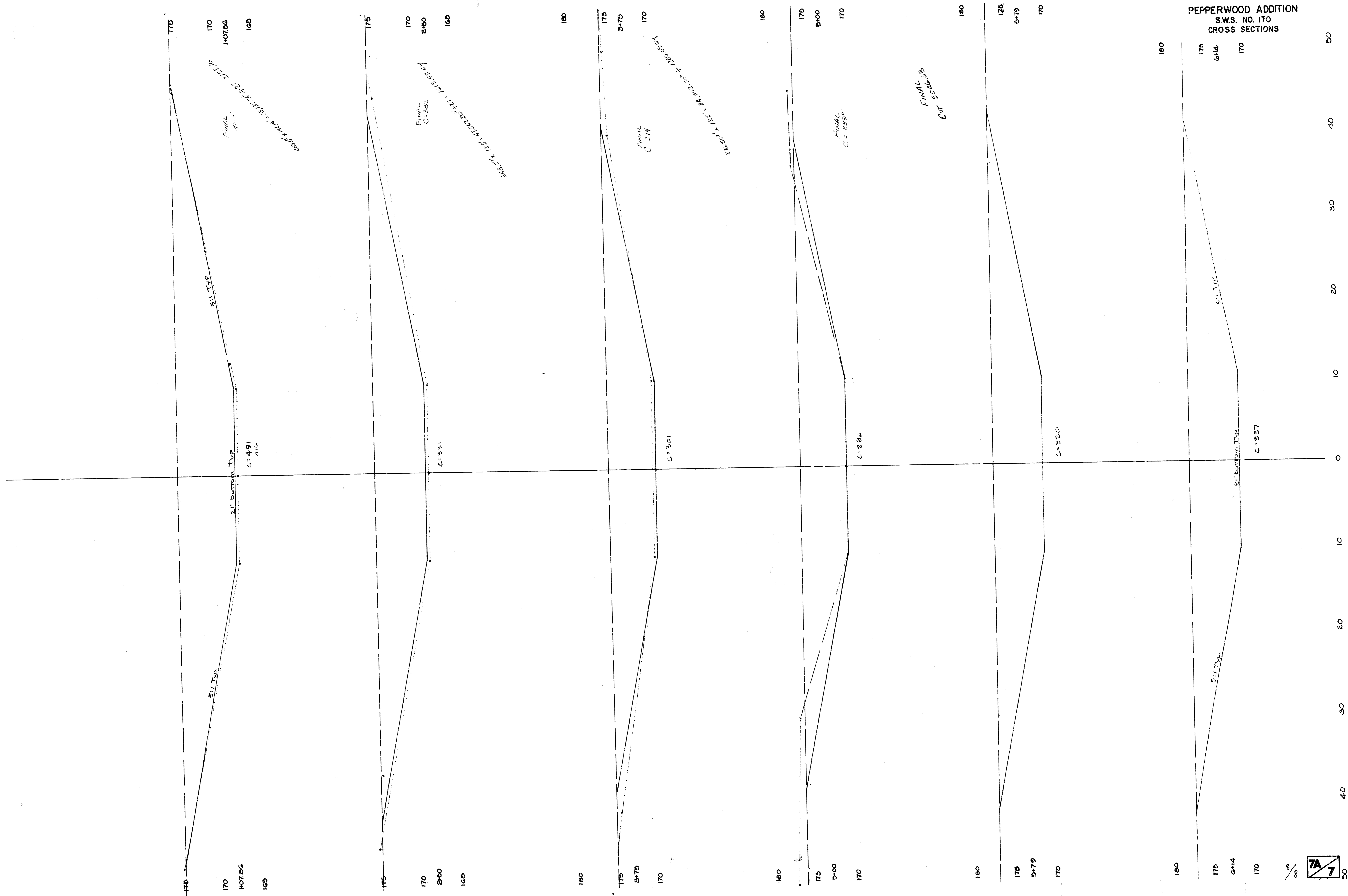
STEEL SCHEDULE

BAR	NO.	SIZE	WT.
p1	4	#4	1.10
p2	4	#4	1.10
p3	4	#4	1.10
p4	4	#4	1.10
p5	4	#4	1.10
p6	4	#4	1.10
p7	4	#4	1.10
p8	4	#4	1.10
p9	4	#4	1.10
p10	4	#4	1.10
p11	4	#4	1.10
p12	4	#4	1.10
p13	4	#4	1.10
p14	4	#4	1.10
p15	4	#4	1.10
p16	4	#4	1.10
p17	4	#4	1.10
p18	4	#4	1.10
p19	4	#4	1.10
p20	4	#4	1.10
p21	4	#4	1.10
p22	4	#4	1.10
p23	4	#4	1.10
p24	4	#4	1.10
p25	4	#4	1.10
p26	4	#4	1.10
p27	4	#4	1.10
p28	4	#4	1.10
p29	4	#4	1.10
p30	4	#4	1.10
p31	4	#4	1.10
p32	4	#4	1.10
p33	4	#4	1.10
p34	4	#4	1.10
p35	4	#4	1.10
p36	4	#4	1.10
p37	4	#4	1.10
p38	4	#4	1.10
p39	4	#4	1.10
p40	4	#4	1.10
p41	4	#4	1.10
p42	4	#4	1.10
p43	4	#4	1.10
p44	4	#4	1.10
p45	4	#4	1.10
p46	4	#4	1.10
p47	4	#4	1.10
p48	4	#4	1.10
p49	4	#4	1.10
p50	4	#4	1.10

* NOTE: #3 BARS TO BE PLACED APPROX 5" BELOW TOP OF INLET COVER



PEPPERWOOD ADDITION
S.W.S. NO. 170
CROSS SECTIONS



80 40 30 20 10 0 10 20 30 40 80