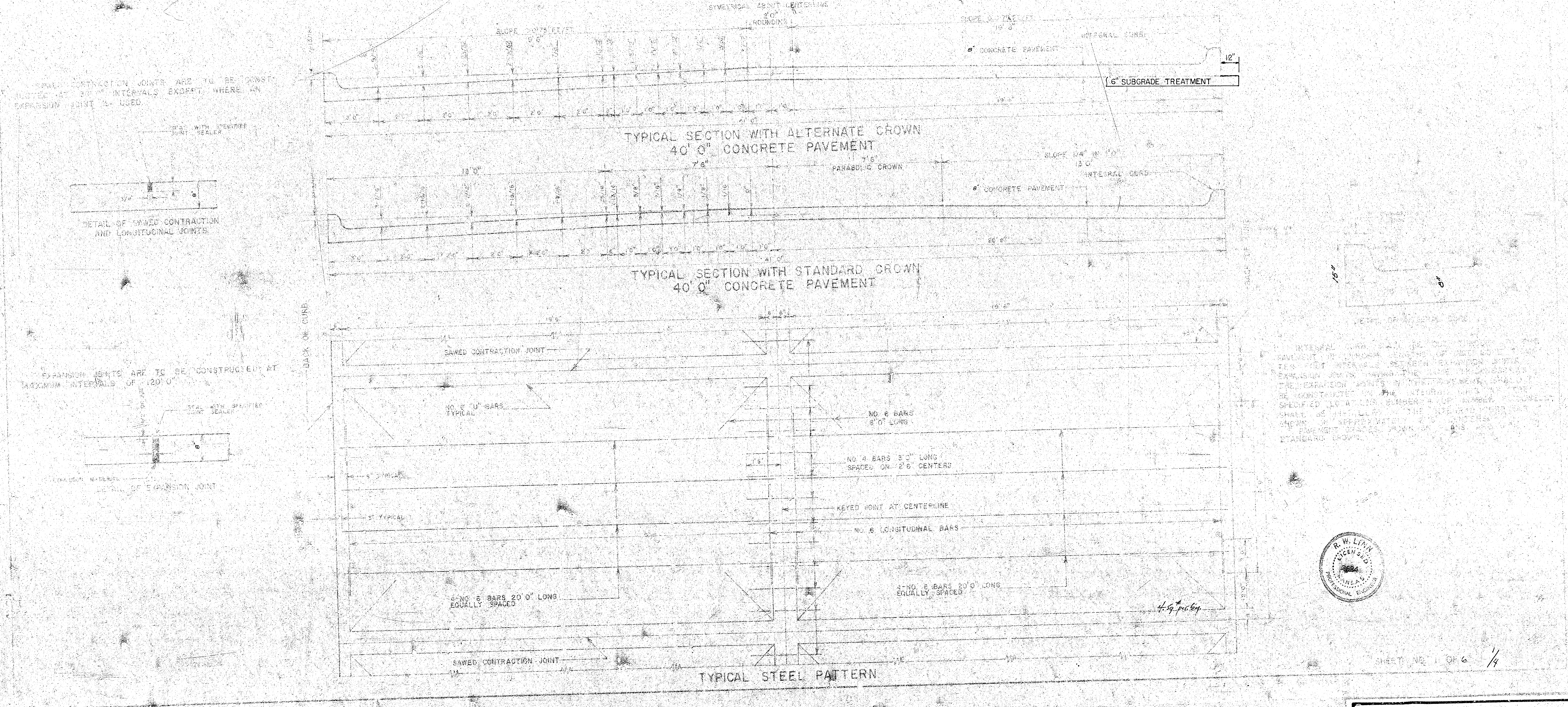
EMPORIA ST.

S.L. 29th. ST. NO. TO & INC.
CUL-DE-SAC.
PROJ. NO. DAKS574126
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER


SYMETRICAL ABOUT CENTERLINE
2'0" ROUNDING
SLOPE 1/4" IN 1'0"
8" CONCRETE PAVEMENT
INTEGRAL CURB
12"
6" SUBGRADE TREATMENT
19'6"
20'0"
TYPICAL SECTION WITH ALTERNATE CROWN
40' 0" CONCRETE PAVEMENT
13'0"
7'6"
PARABOLIC CROWN
TYPICAL SECTION WITH STANDARD CROWN
40' 0" CONCRETE PAVEMENT
SAWED CONTRACTION JOINTS ARE TO BE CONSTRUCTED AT 20'0" INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED.
SEAL WITH SPECIFIED JOINT SEALER
DETAIL OF SAWED CONTRACTION AND LONGITUDINAL JOINTS
EXPANSION JOINTS ARE TO BE CONSTRUCTED AT MAXIMUM INTERVALS OF 120'0"
SEAL WITH SPECIFIED JOINT SEALER
EXPANSION MATERIAL
DETAIL OF EXPANSION JOINT
BACK OF CURB
15"
8"
DETAIL OF INTEGRAL CURB
SAWED CONTRACTION JOINT
NO. 6 "U" BARS TYPICAL
NO. 6 BARS 8'0" LONG
NO. 4 BARS 3'0" LONG SPACED ON 2'6" CENTERS
KEYED JOINT AT CENTERLINE
NO. 6 LONGITUDINAL BARS
8-NO. 6 BARS 20'0" LONG EQUALLY SPACED
TYPICAL STEEL PATTERN

SHEET NO. 1 OF 6 1/4

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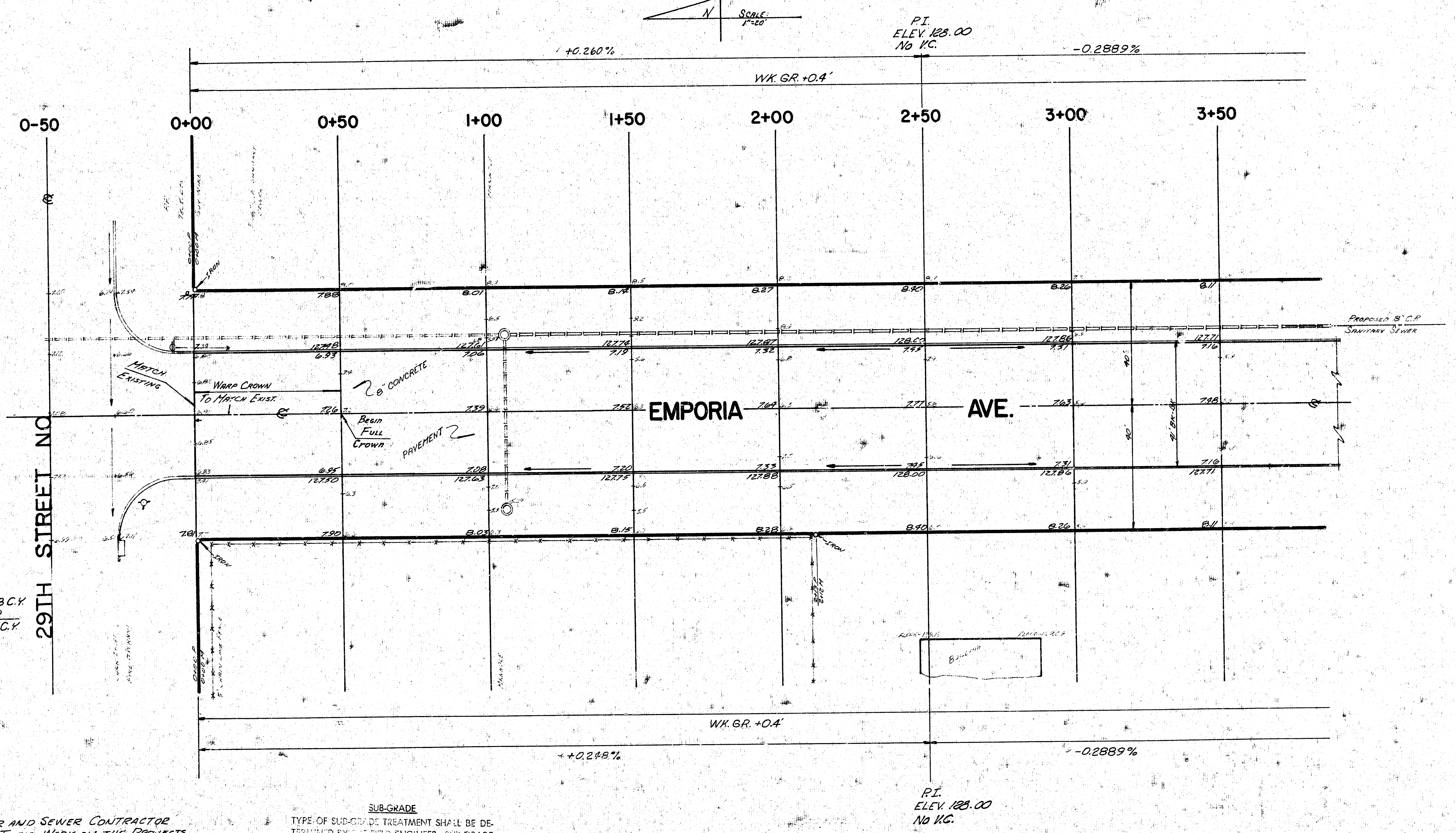
Survey Dugger DGO 120
Plan C. Breitenstein
Exc C. Breitenstein
Checked

B.M. 127.68' R.R. SPIKE SO. SIDE P.P. NO. SIDE 29TH ST. NO.



NOTES

1. BEFORE BEGINNING CONSTRUCTION, FIELD ENGINEER IS TO RE-CROSS-SECTION CUL-DE-SAC @ ⅛ PTS. (45°) AS SHOWN BY "A", "B", "C", "D", "E", "F", & "G" ON SHEET 3 OF PLAN.

EARTHWORK

PROPERTY
EXCAVATION 799.2 C.Y
+10% 79.9
879.1

COMP. FILL 139.8 C.Y.
+10% 14.0
153.8 C.Y.

NOTE:
PAVING CONTRACTOR AND SEWER CONTRACTOR SHALL COORDINATE THEIR WORK ON THE PROJECTS.

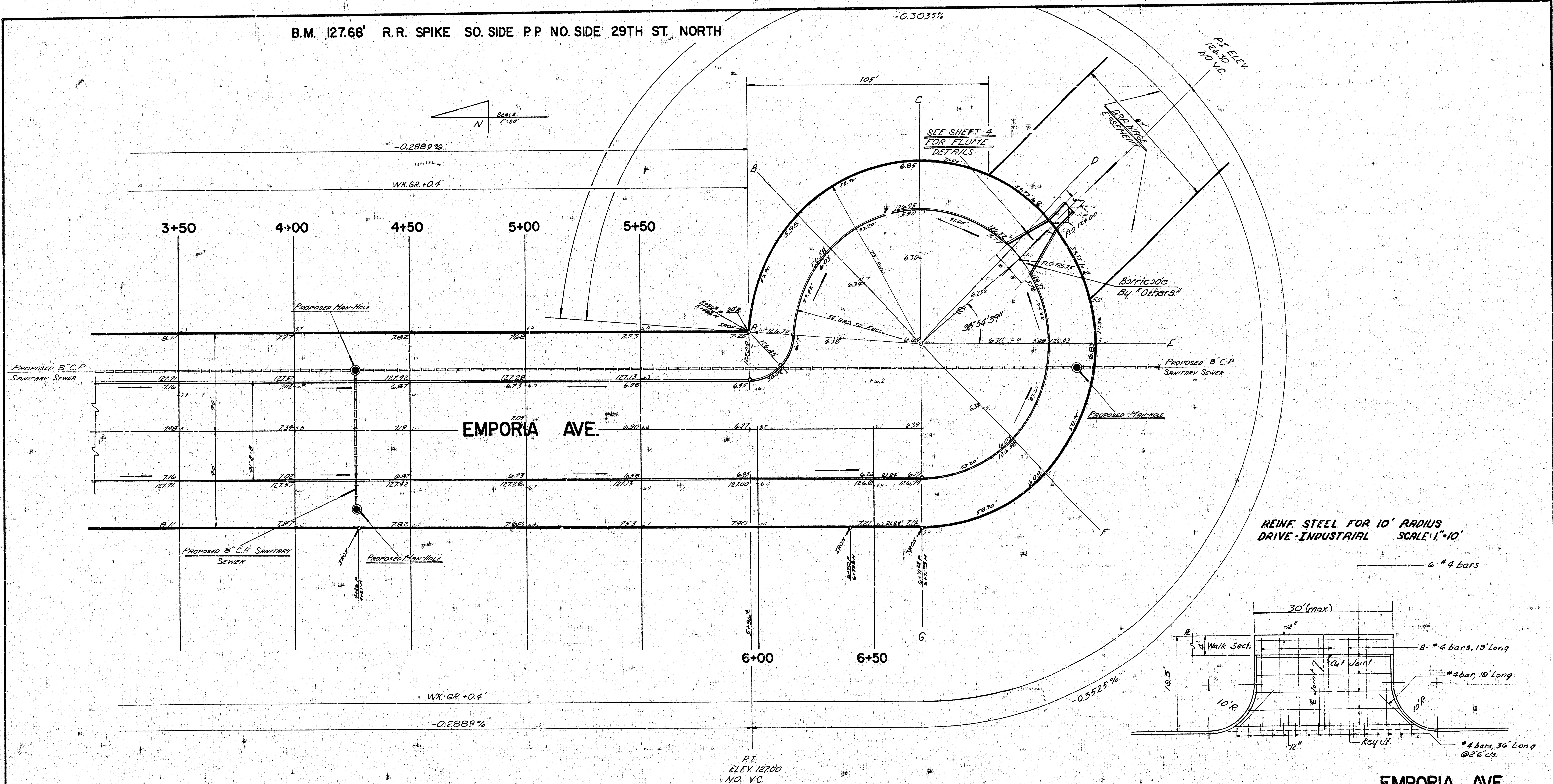
SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

EMPORIA AVE.

DAKS574126

B.M. 127.68' R.R. SPIKE SO. SIDE P.P. NO. SIDE 29TH ST. NORTH



REINF. STEEL FOR 10' RADIUS DRIVE-INDUSTRIAL SCALE: 1"=10'

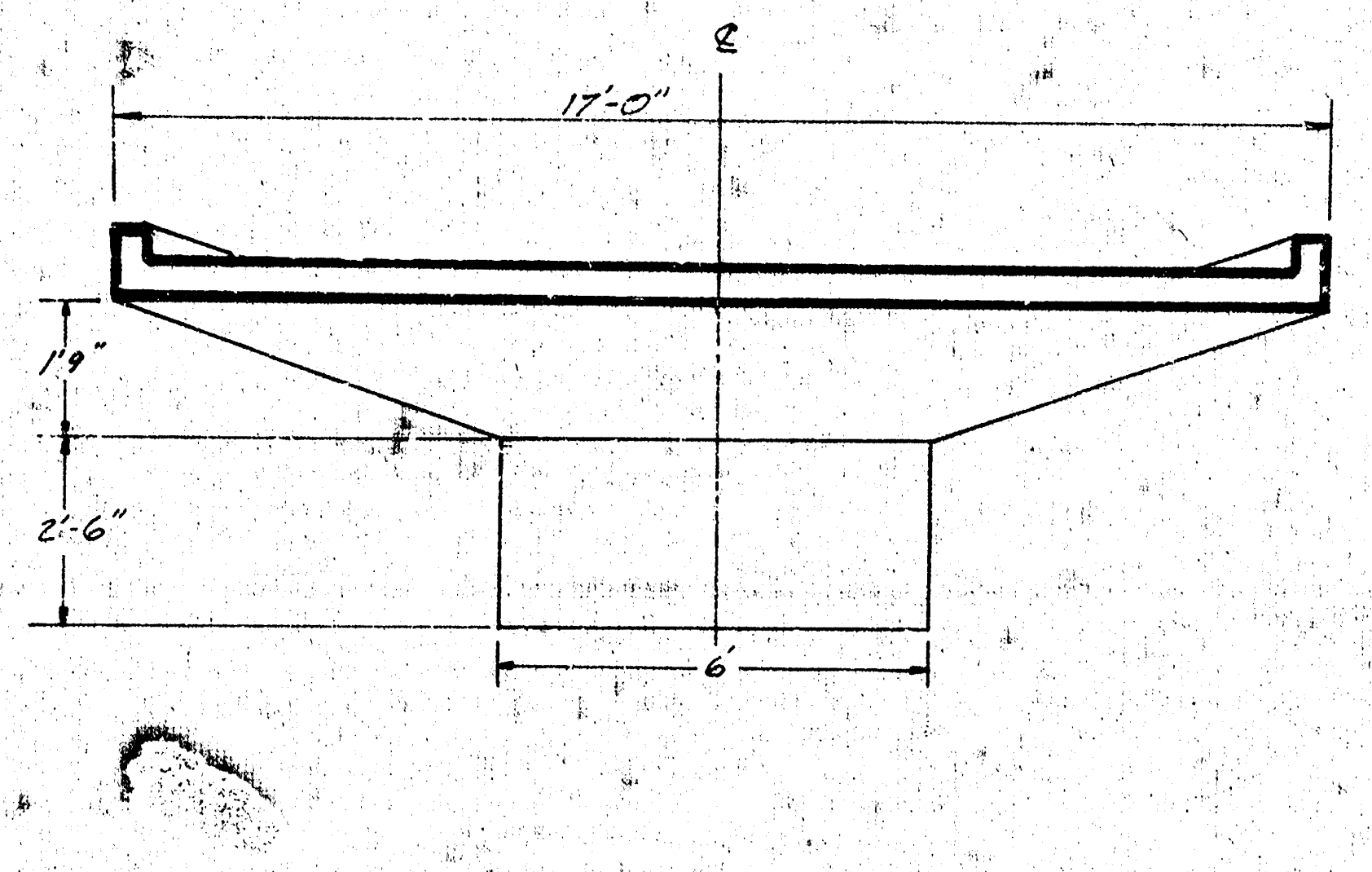
EMPORIA AVE.

DAKS574126

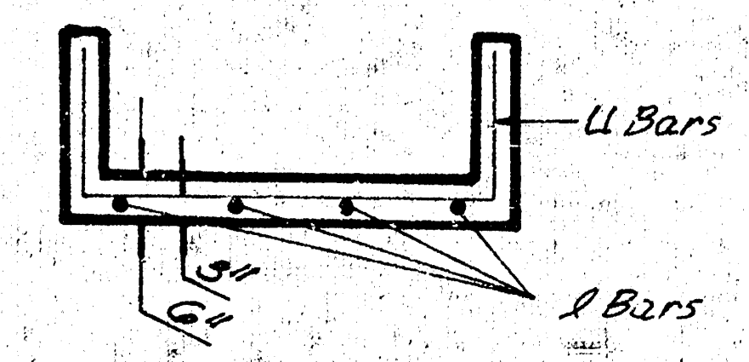
DETAIL FOR
REINFORCED CONCRETE
FLUME

SCALE: 1" = 3'

1. ALL STEEL SHALL BE NO. 4 DEFORMED BARS AND SHALL CONFORM TO CITY STANDARDS.
2. ALL SPLICES SHALL BE LAPPED A MINIMUM OF 2 FEET.
3. ALL BARS EXCEPT DOWELS FOR KEY JOINT SHALL BE SPACED 18" CENTER TO CENTER. KEY JOINT STEEL SHALL BE 2' 6" CENTER TO CENTER.
4. CONCRETE TO BE 6" 6 SACK AND SHALL CONFORM TO CITY STANDARDS.
5. BEVEL ALL EXPOSED EDGES OF CONCRETE WITH $\frac{3}{4}$" TRIANGULAR MOULDING.
6. DIRT TO BE GRADED TO MATCH SIDEWALLS.
7. BACKFILL TO BE GRADED ON 3:1 SLOPE.



END VIEW



SECTION B-B

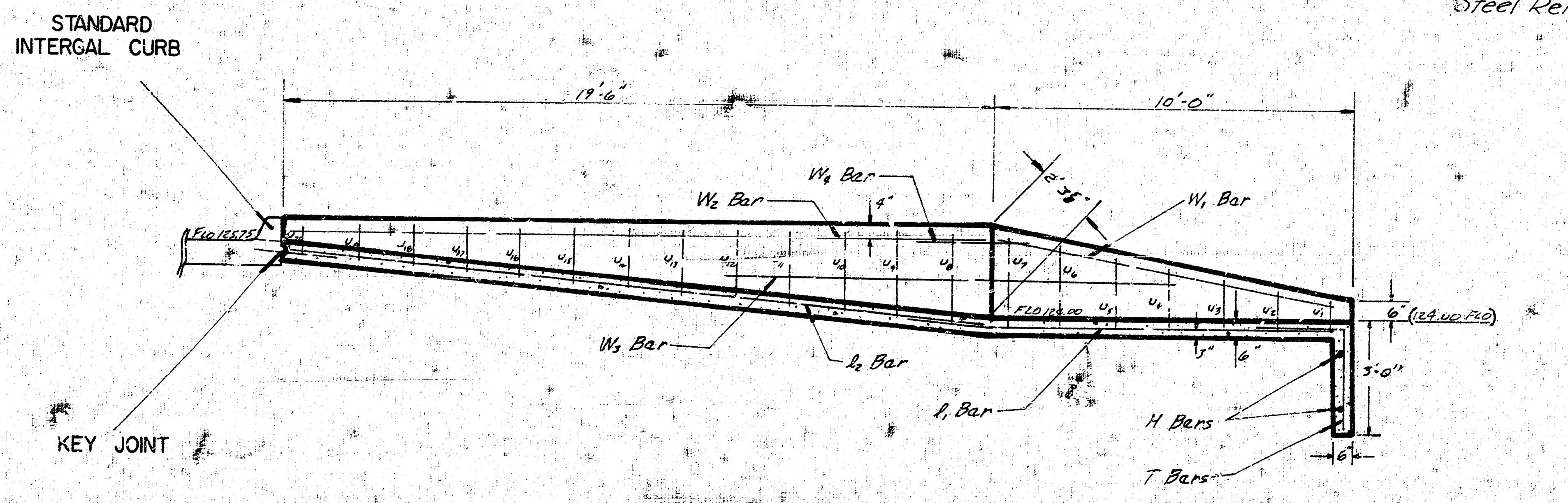
STEEL SCHEDULE

Bar		U_1	U_2	U_3	U_4	U_5	U_6	U_7	U_8	U_9	U_{10}	U_{11}	U_{12}	U_{13}	U_{14}	U_{15}	U_{16}
Number		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Bend. Dim.	a	5'-6"	5'-6"	5'-6"	5'-6"	5'-6"	5'-6"	5'-6"	6'-0"	6'-11"	7'-10"	8'-8"	9'-6"	10'-4"	11'-1"	12'-0"	12'-8"
	b	0'-7"	0'-11"	1'-2"	1'-5"	1'-8"	2'-0	2'-3"	2'-3"	2'-2"	2'-0"	1'-10"	1'-9"	1'-7"	1'-5"	1'-4"	1'-2"
Size		All Bars #4															
Length		6'-8"	7'-4"	7'-10"	8'-4"	8'-10"	9'-6"	10'-0"	10'-6"	11'-3"	11'-10"	12'-4"	13'-0"	13'-6"	13'-11"	14'8"	15'-0"

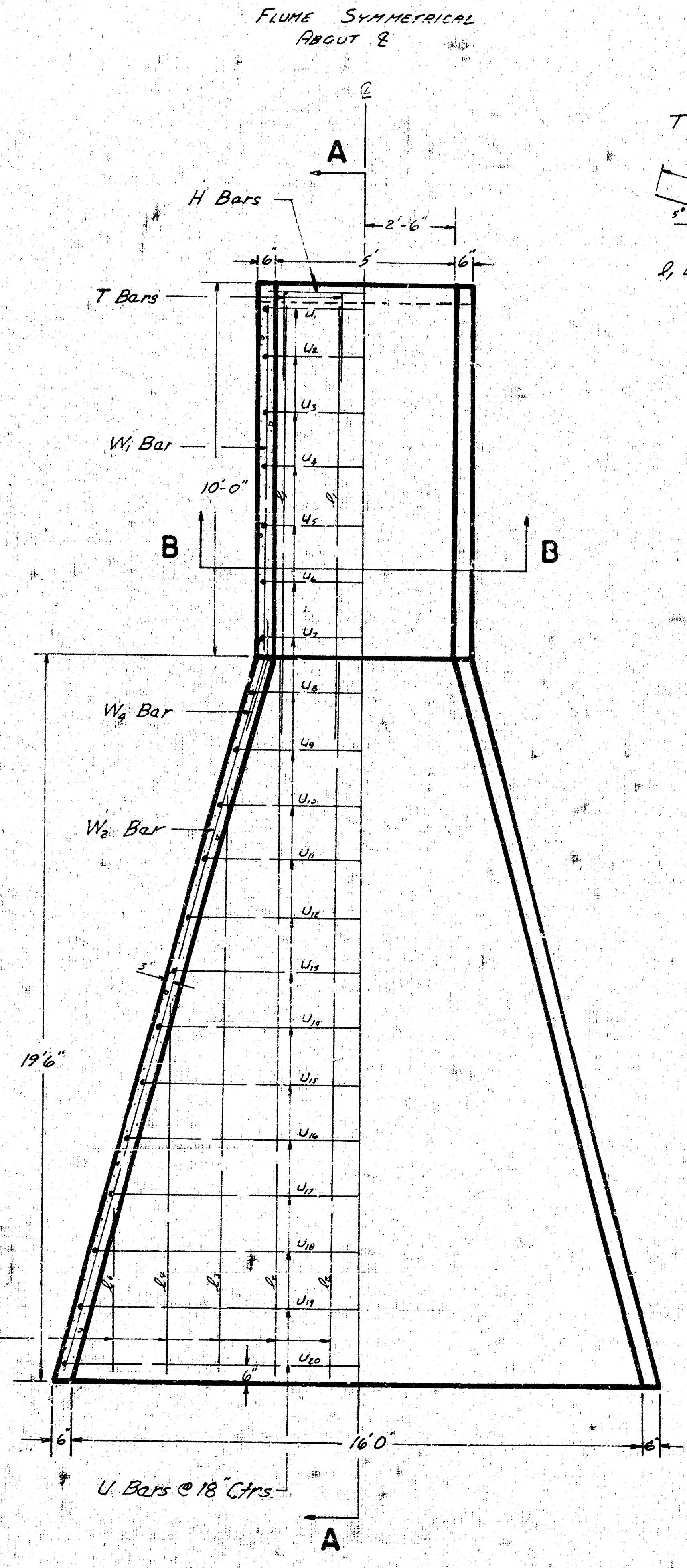
Bar		U_{17}	U_{18}	U_{19}	U_{20}	l_1	l_2	l_3	l_4	l_5	T	W_1	W_2	W_3	W_4	H
Number		1	1	1	1	4	4	2	2	2	4	2	2	2	2	2
Bend. Dim.	a	13'-7"	14'-5"	15'-3"	16'-2"	-	-	-	-	-	-	-	-	-		-
	b	1'-1"	0'-11"	0'-10"	0'8"	-	-	-	-	-	-	-	-	-		-
Size		All Bars #4														
Length		15'9"	16'3"	16'-11"	17'-6"	11'-9"	19-0"	15'-6"	10'-0"	4'6"	5'-0"	9'-6"	14'-0"	12'-6"	3'	5'-6"

QUANTITIES

Class [A] Concrete-3000 psi	7.09 Cu. Yds.
Steel Reinforcing	365.00 Lbs.



SECTION A-A



TOP VIEW