

BASE LINE:
Sta. 0+85.1 to Sta. 0+87.1 TO Sta. 1+00, Base Line is on a tangent to & @ Sta. 1+00, RT.
Sta. 1+00, PT, to Sta. 2+46.06, PC, Base Line is on t.
Sta. 2+46.06, PC, to Sta. 4+15.04 Base Line is on an arc 25.0' Rt. of t.
Sta. 4+15.04 to Sta. 5+42.5 Base Line is 25' Rt. of t.

Scale: $1'' = 20'$

Constr. new Type I Inlet - Flo. In 105.40
Flo. Out 105.30 (30' diff. in pipe
elevation between inlets across street)

Install 37 L.F. 15" Pipe
between Inlets. Pipe to
be R.C.P.

Constr. Special Inlet
See detail, sht #2
Top elev. = 108.31
Flo. elev. = 106.00

4: Berm same elevation as curb,
then slope @ 4:1 max.

$\Delta = 20^\circ 23' R$; $R = 475'$; $T = 85.44'$; $L/160.98'$; $LC/160.18'$

CURVE DATA BASED ON RAD. 25.01 DEG $\Delta = 10^\circ 11' 30''$

STA	ARC	CHORD LENGTH		DEFLECTION		TOTAL DEFLECTION	
		100 FT. CHORD	25.01 DEG	100 FT. CHORD	25.01 DEG	100 FT. CHORD	25.01 DEG
2446.06	—	—	—	0.000000	0.000000	0.000000	0.000000
2475	28.94'	26.01'	28.81'	1.524444	1.944444	1.524444	1.944444
3400	25.0	22.47	24.81	1.330288	3.455556	3.455556	3.455556
3425	25.0	22.47	24.81	1.330288	4.785833	4.785833	4.785833
3450	25.0	22.47	24.81	1.330288	6.116111	6.116111	6.116111
3475	25.0	22.47	24.81	1.330288	7.446389	7.446389	7.446389
3500	25.0	22.47	24.81	1.330288	8.776667	8.776667	8.776667
3525	25.0	22.47	24.81	1.330288	10.106944	10.106944	10.106944
3550	25.0	22.47	24.81	1.330288	11.437222	11.437222	11.437222
3575	25.0	22.47	24.81	1.330288	12.767500	12.767500	12.767500
3600	25.0	22.47	24.81	1.330288	14.097778	14.097778	14.097778
3625	25.0	22.47	24.81	1.330288	15.428056	15.428056	15.428056
3650	25.0	22.47	24.81	1.330288	16.758333	16.758333	16.758333
3675	25.0	22.47	24.81	1.330288	18.088611	18.088611	18.088611
3700	25.0	22.47	24.81	1.330288	19.418889	19.418889	19.418889
3725	25.0	22.47	24.81	1.330288	20.749167	20.749167	20.749167
3750	25.0	22.47	24.81	1.330288	22.079444	22.079444	22.079444
3775	25.0	22.47	24.81	1.330288	23.409722	23.409722	23.409722
3800	25.0	22.47	24.81	1.330288	24.740000	24.740000	24.740000
3825	25.0	22.47	24.81	1.330288	26.070278	26.070278	26.070278
3850	25.0	22.47	24.81	1.330288	27.400556	27.400556	27.400556
3875	25.0	22.47	24.81	1.330288	28.730833	28.730833	28.730833
3900	25.0	22.47	24.81	1.330288	30.061111	30.061111	30.061111
3925	25.0	22.47	24.81	1.330288	31.391389	31.391389	31.391389
3950	25.0	22.47	24.81	1.330288	32.721667	32.721667	32.721667
3975	25.0	22.47	24.81	1.330288	34.051944	34.051944	34.051944
4000	25.0	22.47	24.81	1.330288	35.382222	35.382222	35.382222
4025	25.0	22.47	24.81	1.330288	36.712500	36.712500	36.712500
4050	25.0	22.47	24.81	1.330288	38.042778	38.042778	38.042778
4075	25.0	22.47	24.81	1.330288	39.373056	39.373056	39.373056
4100	25.0	22.47	24.81	1.330288	40.703333	40.703333	40.703333
4125	25.0	22.47	24.81	1.330288	42.033611	42.033611	42.033611
4150	25.0	22.47	24.81	1.330288	43.363889	43.363889	43.363889
4175	25.0	22.47	24.81	1.330288	44.694167	44.694167	44.694167
4200	25.0	22.47	24.81	1.330288	46.024444	46.024444	46.024444
4225	25.0	22.47	24.81	1.330288	47.354722		

Exist. Type I Inlet. ~ Adjust
Inlet and replace pipe as required
to enter new Type I Inlet. Pipe
replacement incidental to inlet
construction.

NOTE: Integral curb on this project
to be Full type ~~except on Right~~
~~where a shoulder is provided. Integral curb~~
~~transitions shall be provided~~
~~on all curbs and the integral~~
~~curb shall be provided to~~
~~be consistent with existing~~

NOTE: Pvt. R/W and area of fill & excavation around R.C.B.C. shall be seeded, fertilized, and prairie hay mulched in accordance with City of Wichita Sanitary & Storm Sewer Specifications.

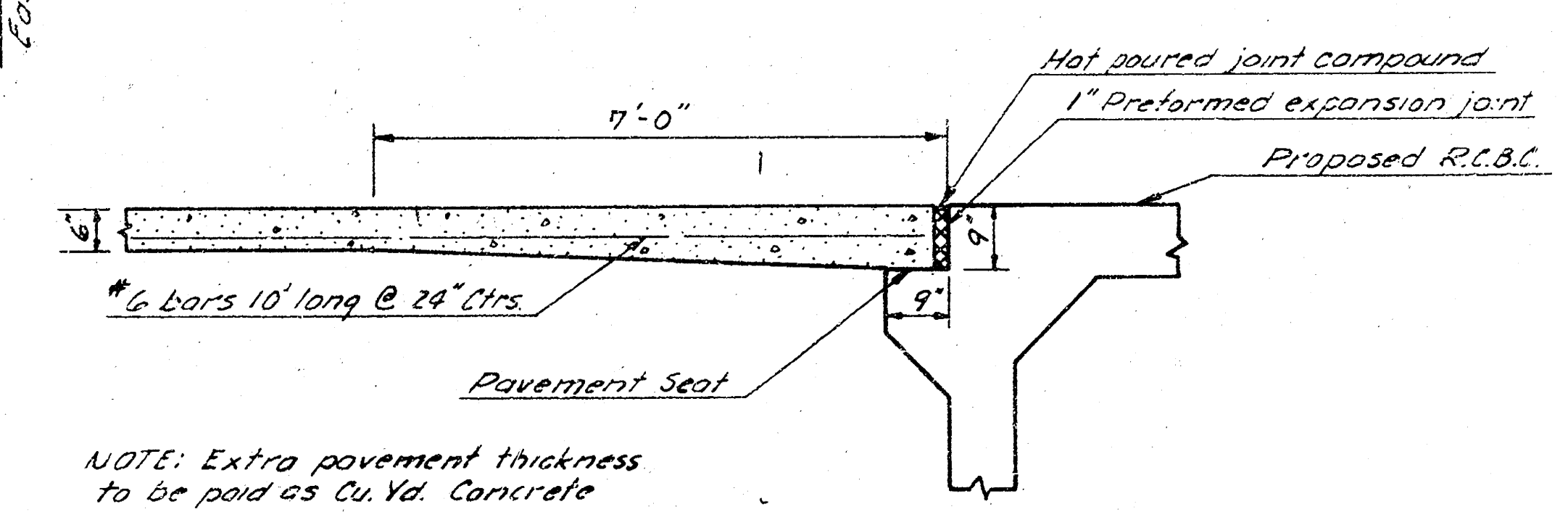
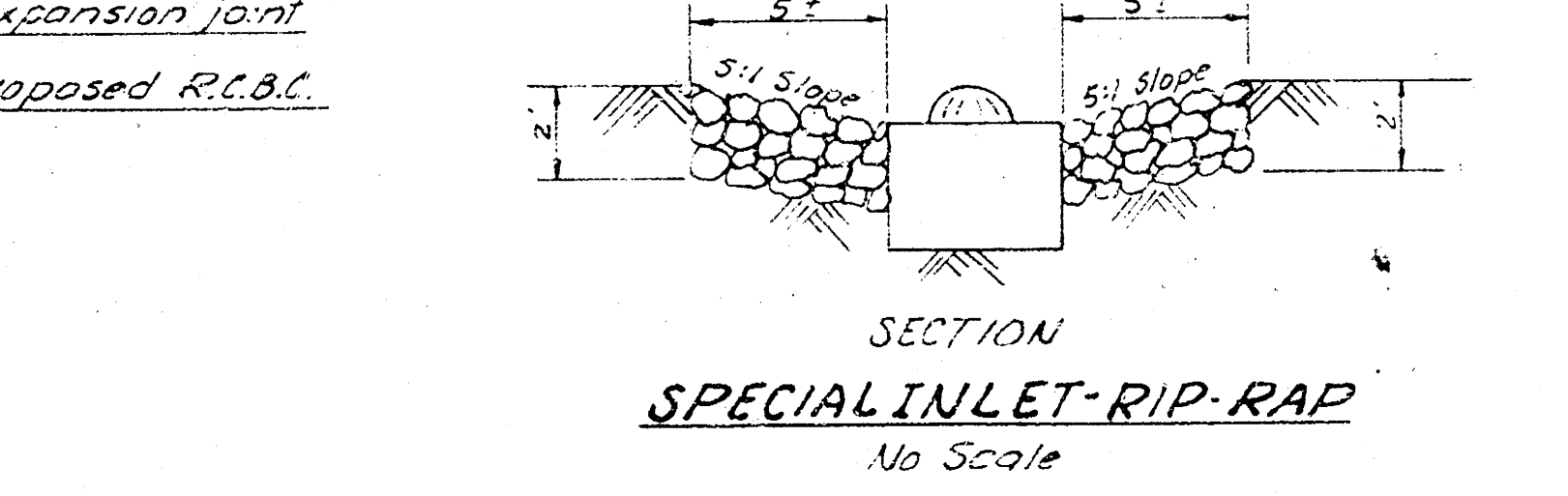
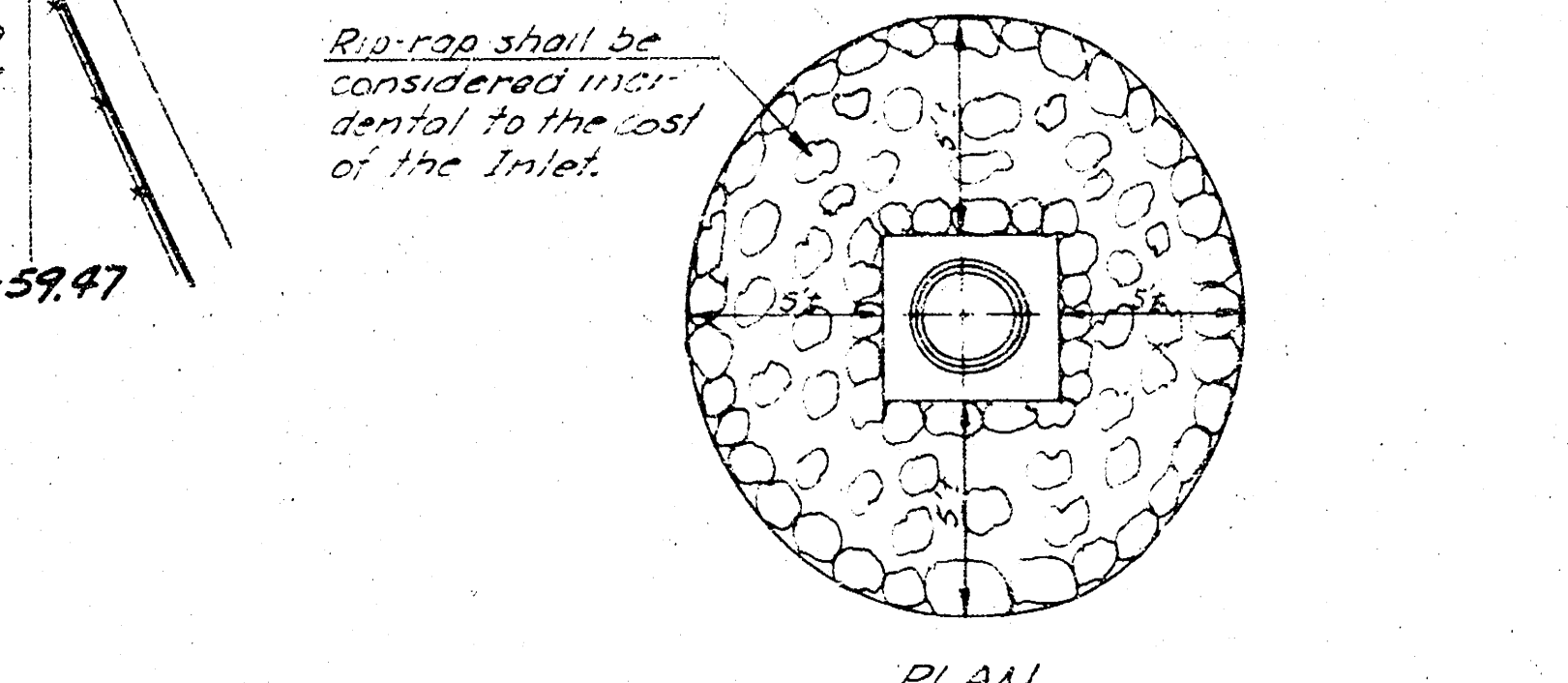
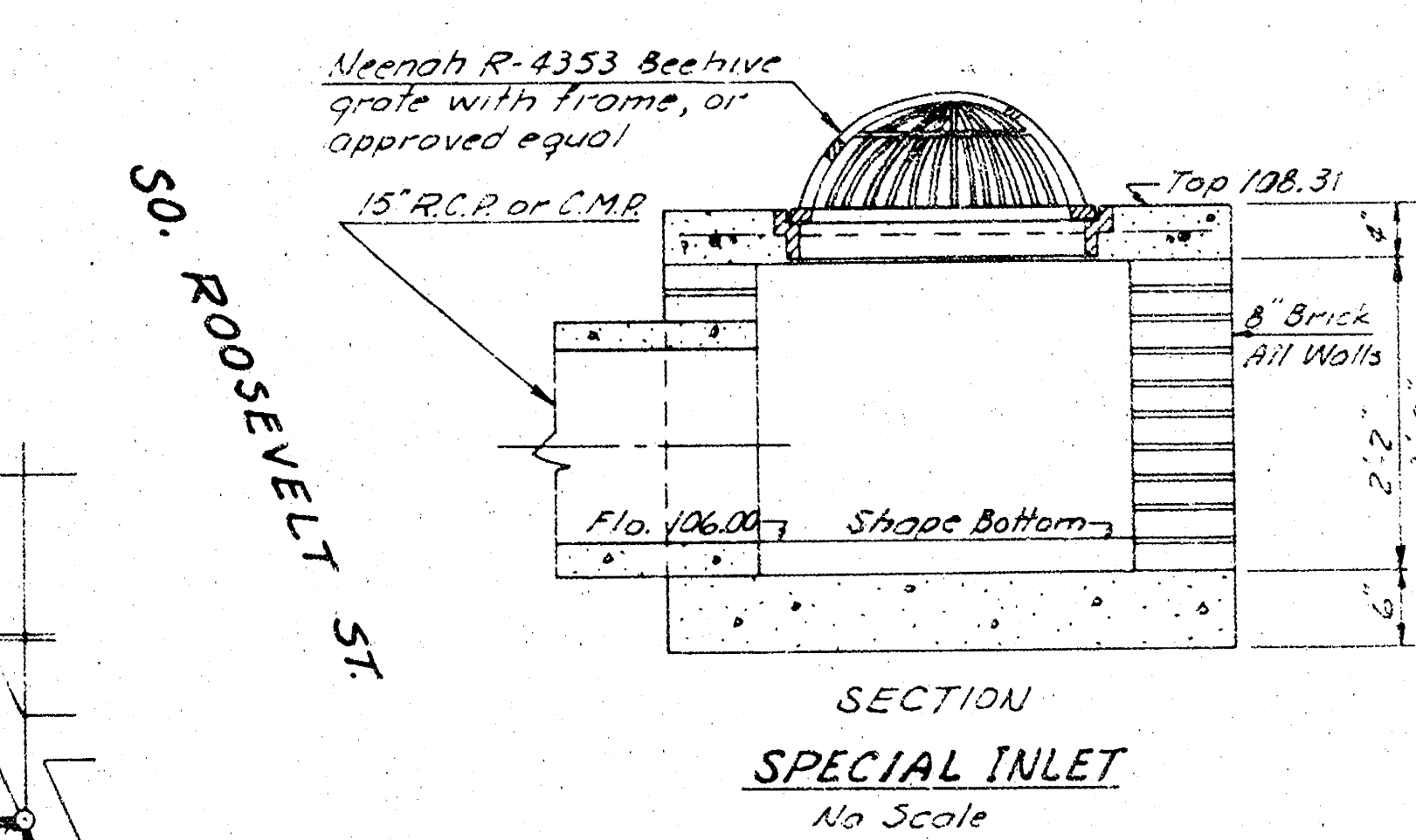
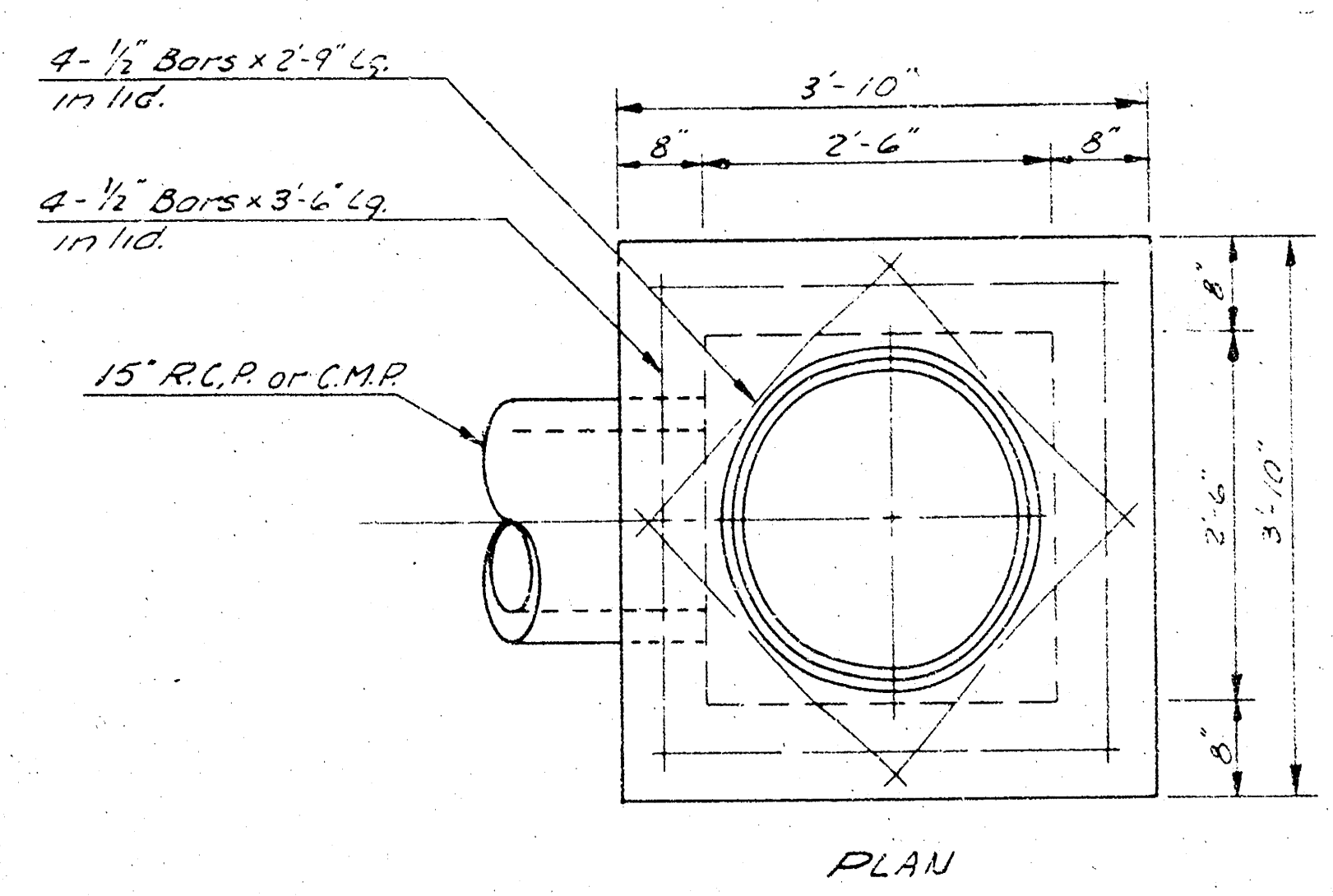
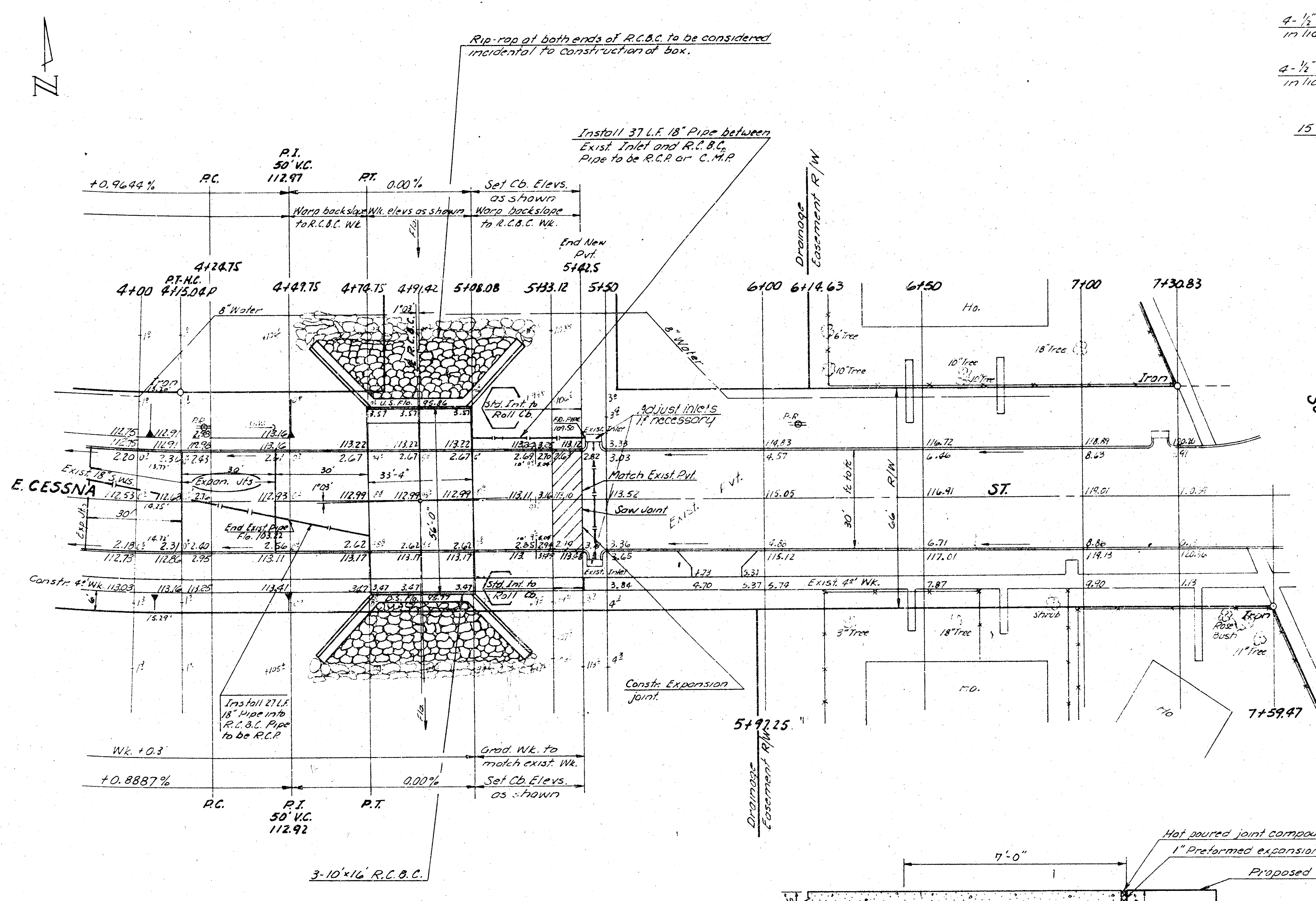
TOTAL EARTHWORK

<u>Excavation</u>	<u>Compacted Fill</u>
31.2 C.Y.	712.7 C.Y.
+10% <u>3.1</u>	+10% <u>71.3</u>
Total <u>34.3 C.Y.</u>	Total <u>784.0 C.Y.</u>

NOTE TO FUGO S.A. REPLY: CONTRACTOR
GUSTAVO S. SANCHEZ, S.A. (GUSTAVO SANCHEZ)
BY: J. J. SANCHEZ, S.A. (J. J. SANCHEZ)

SUBGRADE
TYPE OF SUBGRADE: 1. MINOR GRADE BEING
TERMINATED BY CURB OR SIDEWALK, OR OTHER
TREATMENT. 2. MINOR GRADE BEING EXTENDED
CEMENT PAVING, OR OTHER TREATMENT. 3. DEFLA-
TION, OR ANY COMBINATION THEREOF.

E. CESSNA ST. § 3-10'X16' R.C.B.C.
FROM 20' W. OF E.L. LOT 16,
BLOCK 4, PLANEVIEW SUBDIVISION
No.1 TO W.L. LOT 2, BLOCK G,
PLANEVIEW SUBDIVISION No.1,
OVER DRY CREEK
30' CONC. PVT. & INTEGRAL CD.
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
DATE _____ PROJ. No. DAKS 577020



NOTE: Rip-rap or equivalent protection shall be placed up to 3'-0" beyond the extent of wing walls upstream and downstream. Rip-rap shall also be placed on side slopes up to elevation 105.0. Rip-rap shall be 18" deep and grouted, with 6" sand and gravel bedding.

NOTE: Extra pavement thickness to be paid as Cu. Yd. Concrete

PAVEMENT DETAIL AT BRIDGE
No Scale

E. CESSNA ST.- OVER DRY CREEK
PROJ. NO. DAKS 577020

The image contains two cross-sectional diagrams of a sewer pipe, both labeled as 36'-0" wide.

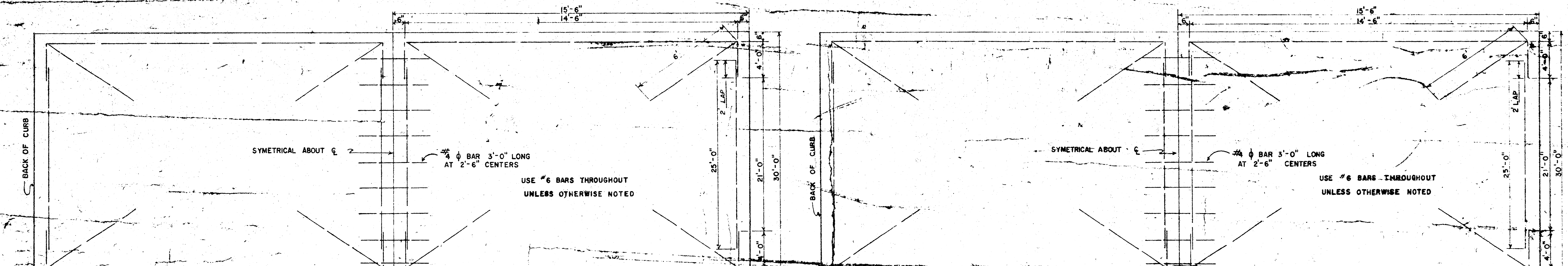
Left Diagram: TYPICAL SECTION WITH STANDARD CROWN

- Overall Width:** 36'-0"
- Crown Profile:** PARABOLIC CURVE
- Top Widths:** 7'-6" (left), 8'-0" (right)
- Slope:** 3/8" IN 1'
- Offsets from Centerline (Left to Right):** 1'-6", 1'-0", 1'-0", 1'-0", 1'-0", 1'-0", 2'-0", 2'-0", 2'-0", 2'-0"
- Vertical Dimensions (Left to Right):** 1/16", 3/16", 5/16", 1/2", 3/4", 1-1/16", 1-7/16", 2-3/16", 2-15/16", 3-11/16", 2'-9/16"
- Labels:** SEE STANDARD CURB SECTIONS, 6" CONCRETE (6 SACK), KEY JT., Subgrade as per CITY SPECIFICATIONS

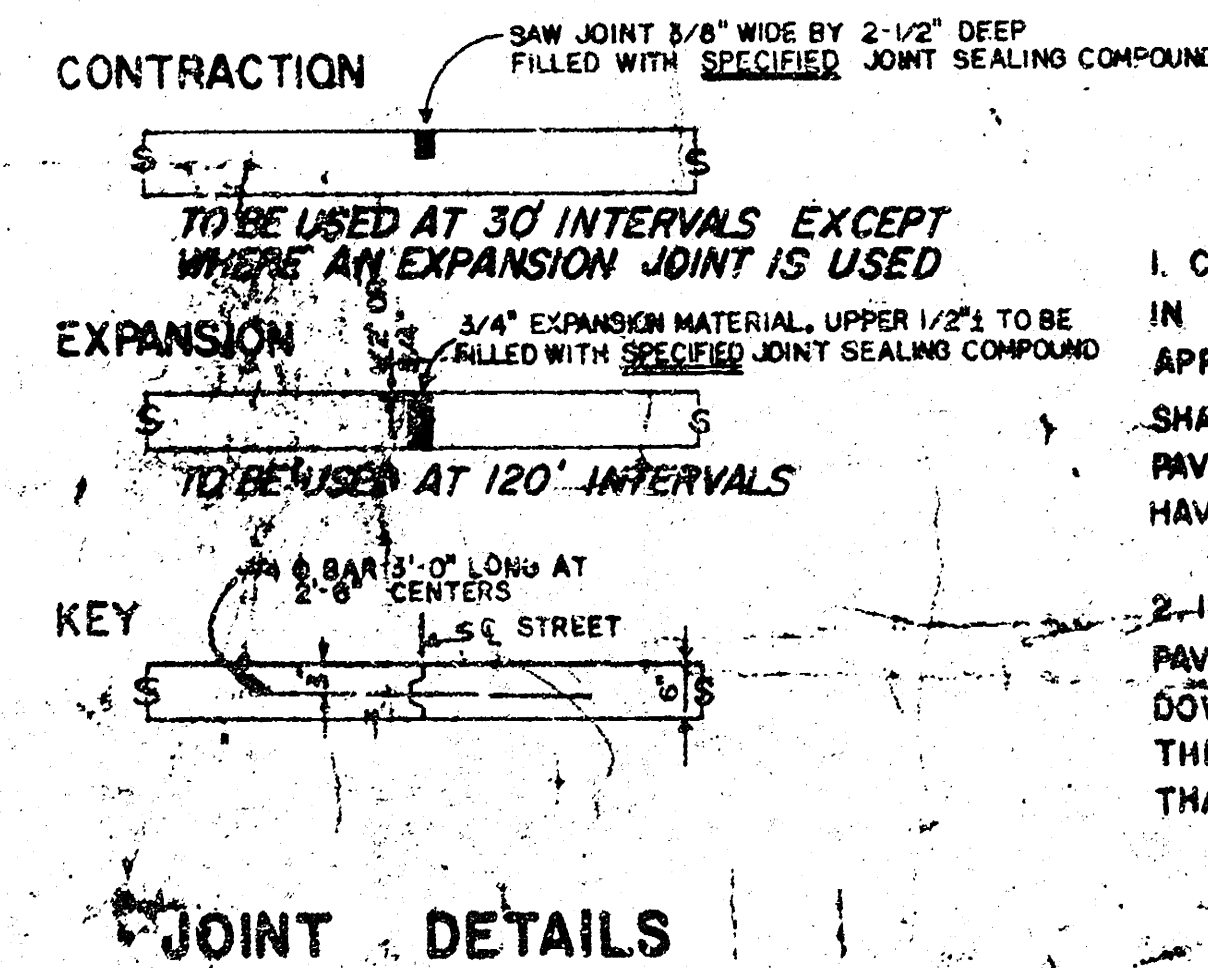
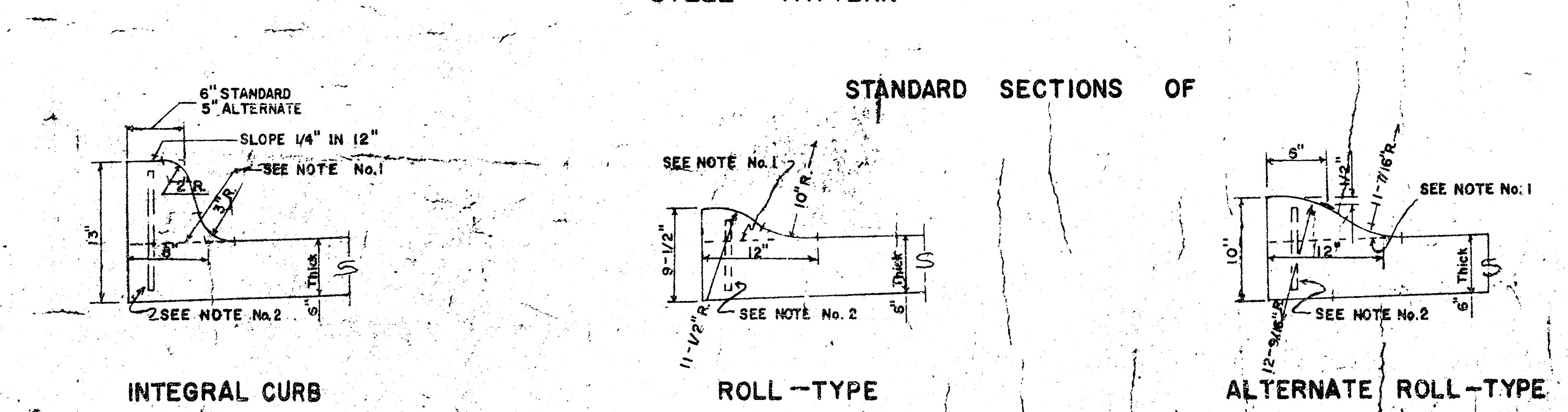
Right Diagram: TYPICAL SECTION WITH ALTERNATE CROWN

- Overall Width:** 36'-0"
- Crown Profile:** 2'-0" ROUNDTOP
- Top Widths:** 14'-0" (left), 14'-0" (right)
- Slope:** 0.0245 FT./FT.
- Offsets from Centerline (Left to Right):** 1'-0", 2'-0", 2'-0", 2'-0", 2'-0", 2'-0", 2'-0", 2'-6"
- Vertical Dimensions (Left to Right):** 5/32", 3/4", 1-11/32", 1-13/16", 2-1/8", 2-1/8", 2-1/8", 2-9/16"
- Labels:** SEE STANDARD CURB SECTIONS, 6" CONCRETE (6 SACK), KEY JT., Subgrade as per CITY SPECIFICATIONS

TYPICAL SECTION WITH ALTERNATE CROWN



STEEL PATTERN



1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.

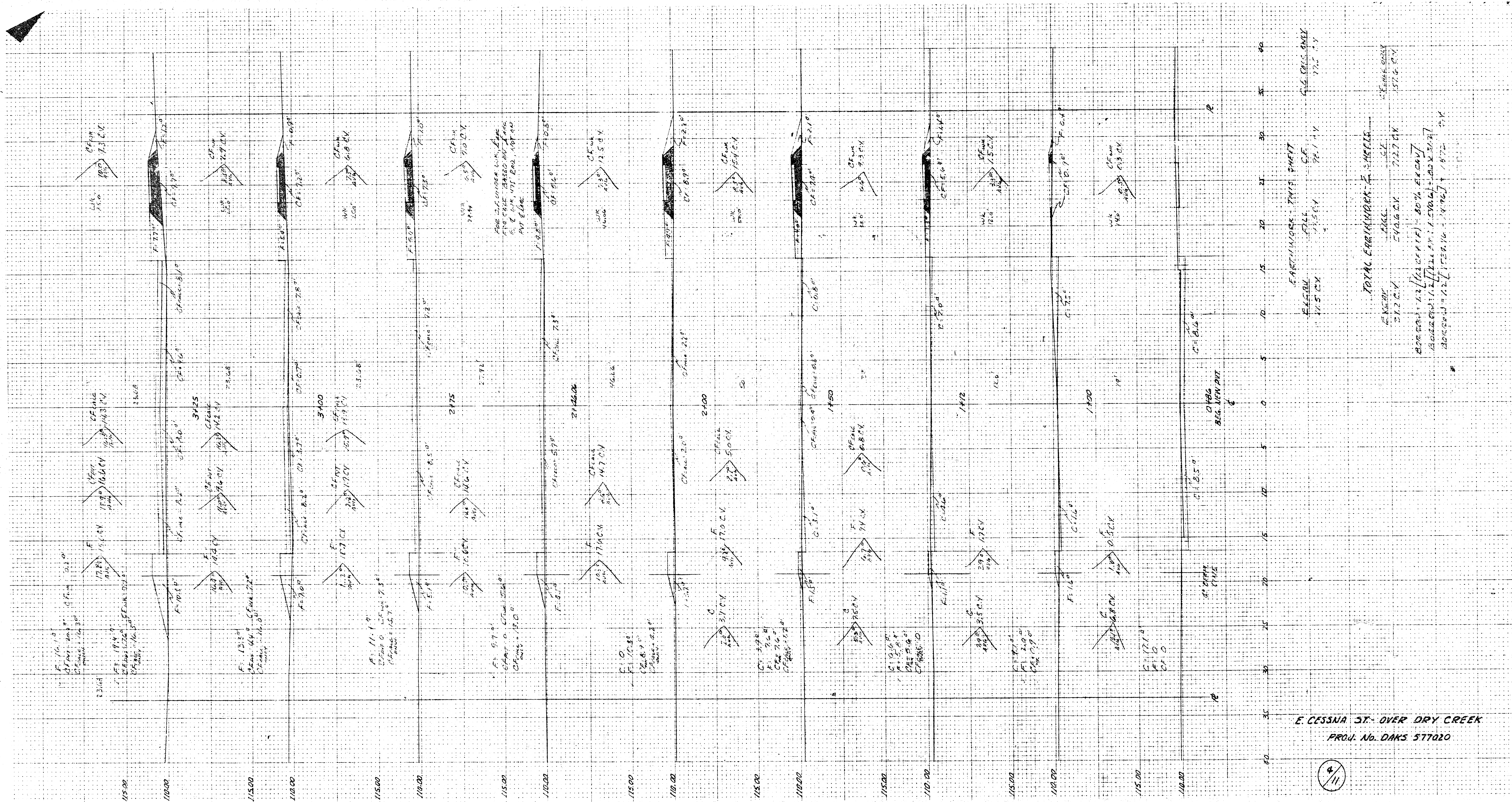
2. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

CITY OF WICHITA, KANSAS

Department of Public Works Engineering Division

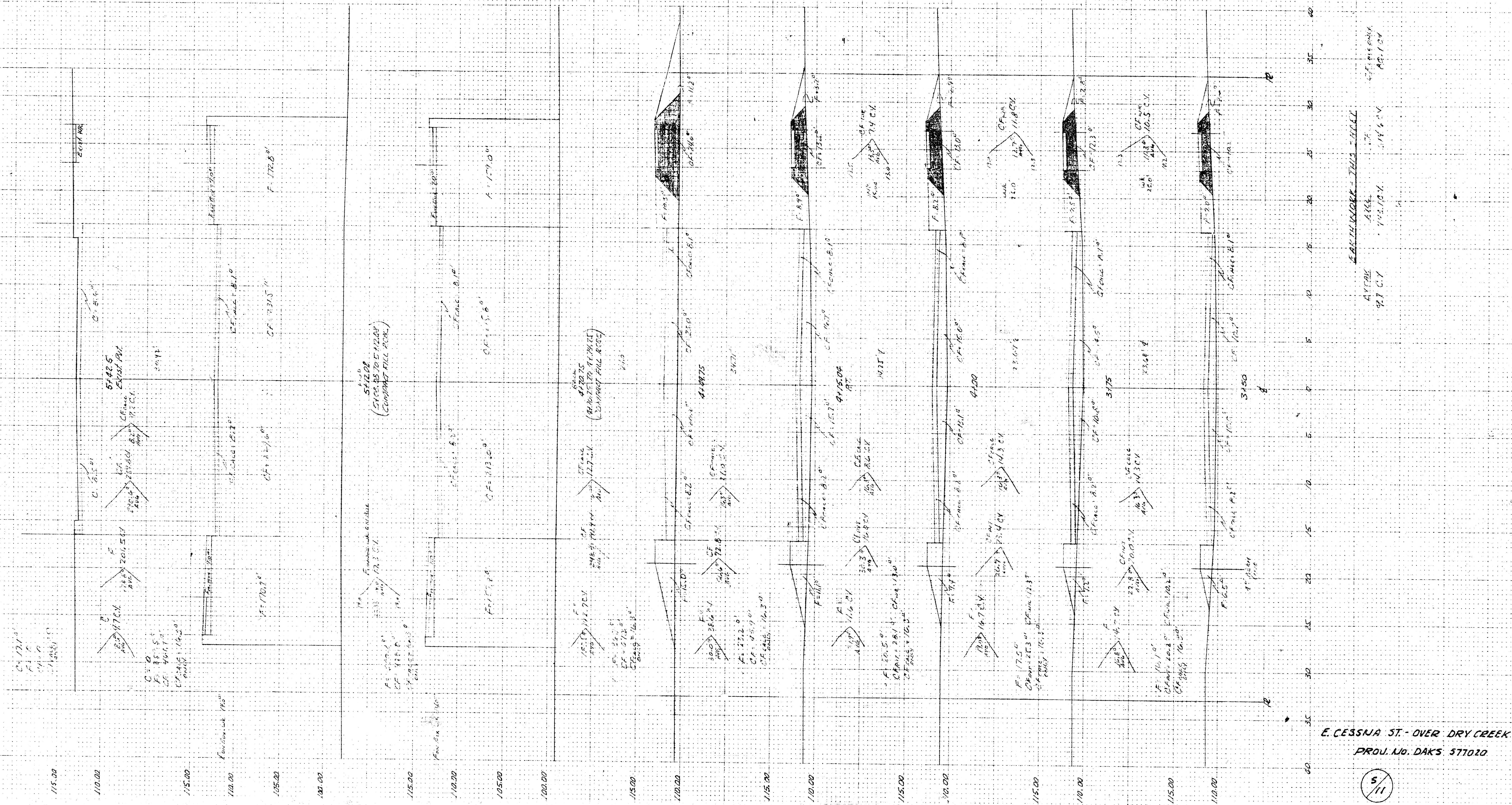
R. W. Linn City Engineer

Date: *June, 1977* Project No. *DAKS 577020*



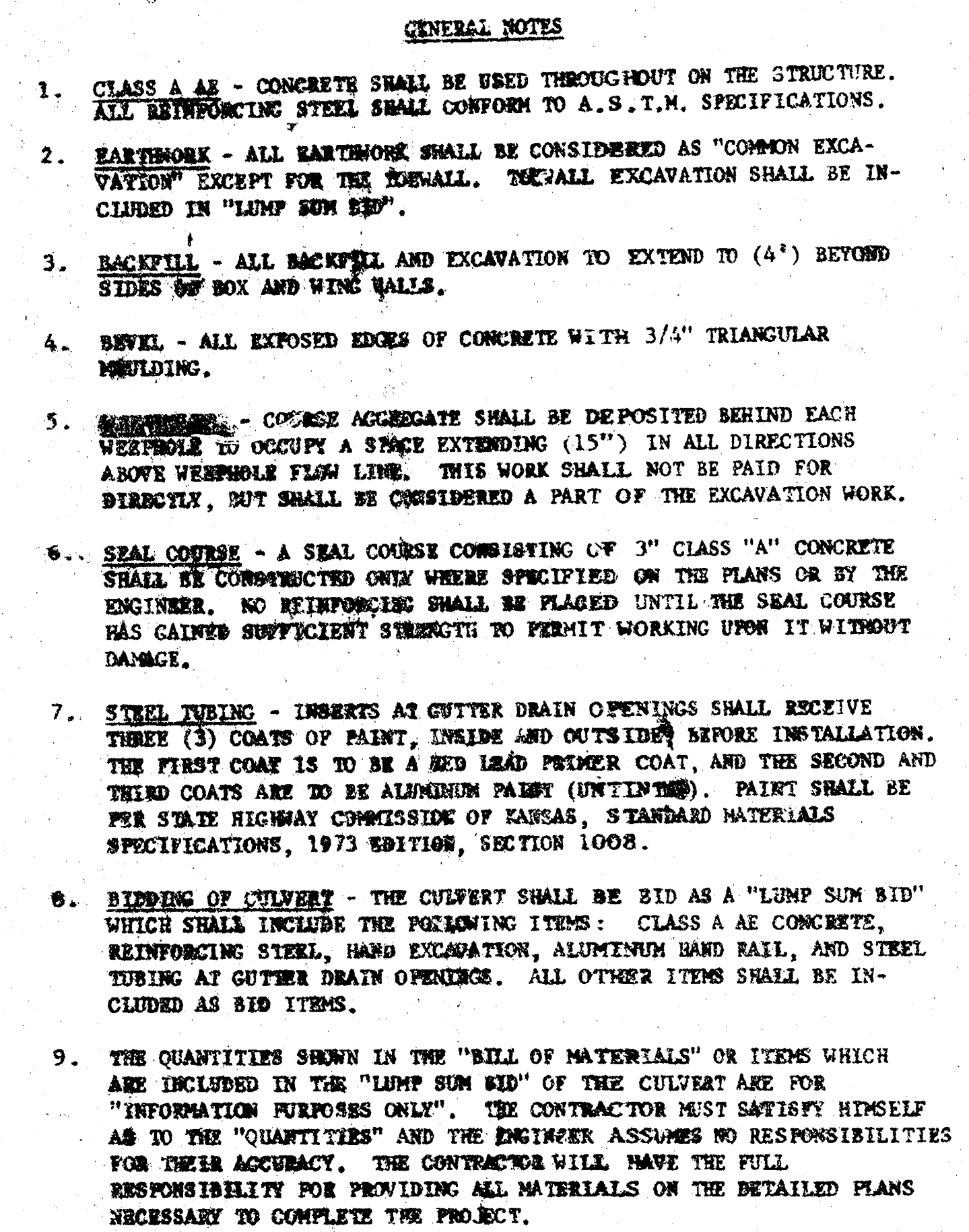
E. CESSNA ST. OVER DRY CREEK
 PROJ. NO. DAKS 577020



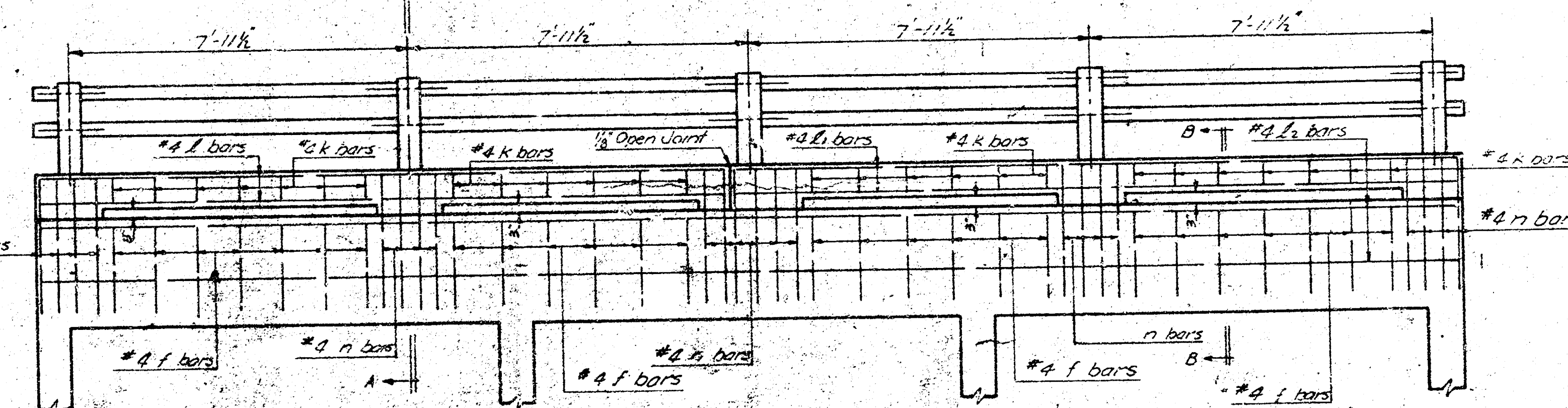
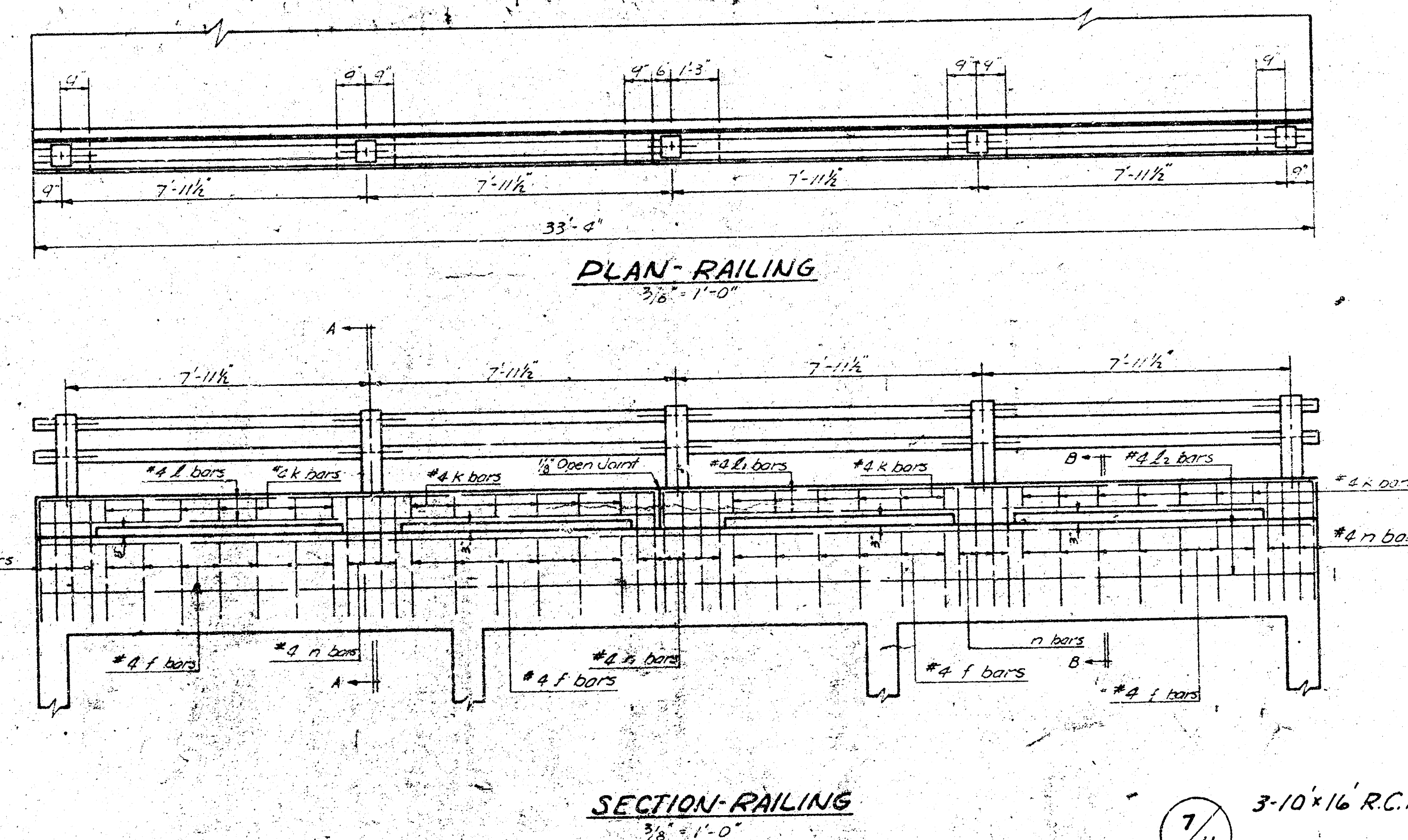
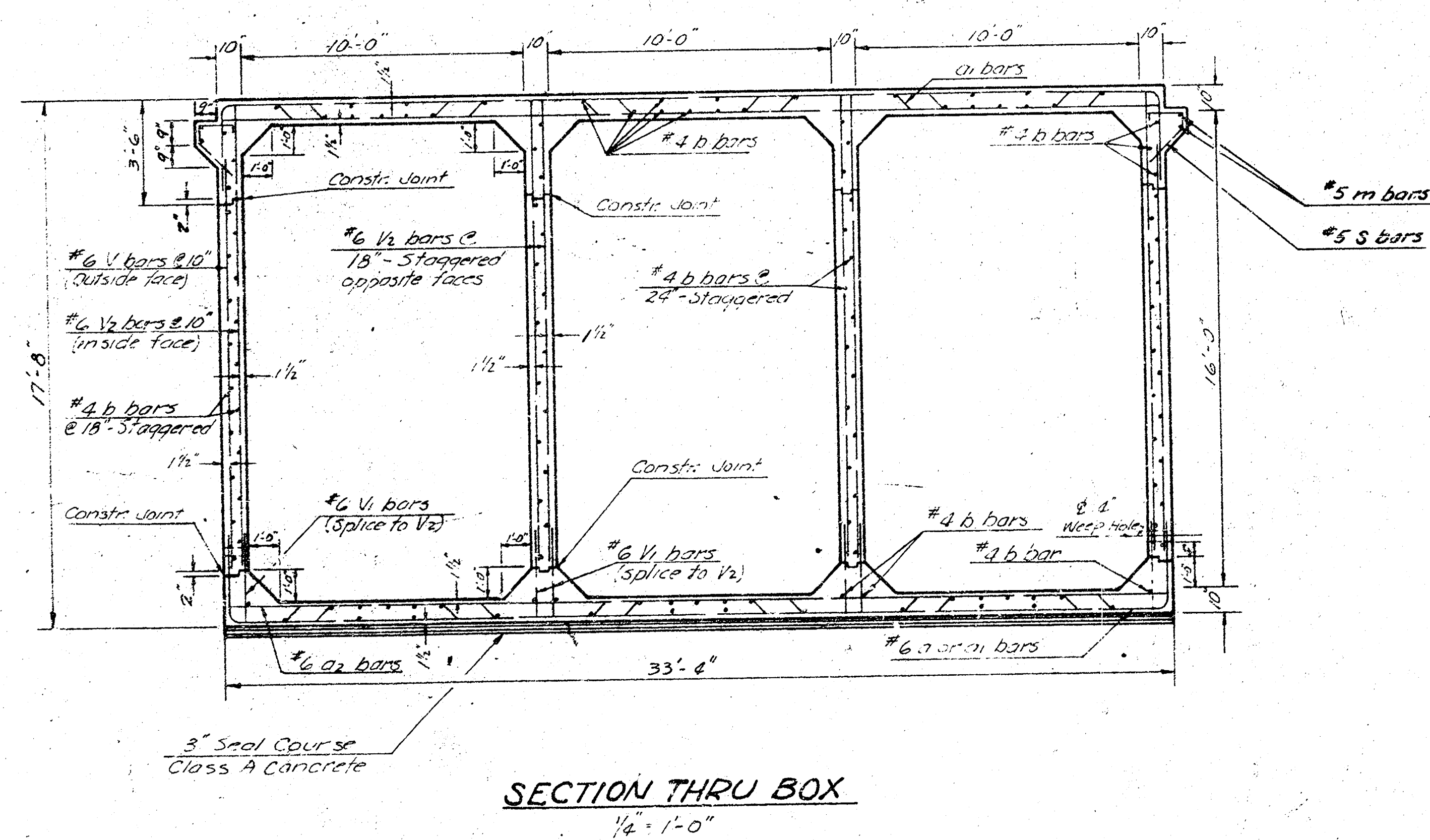
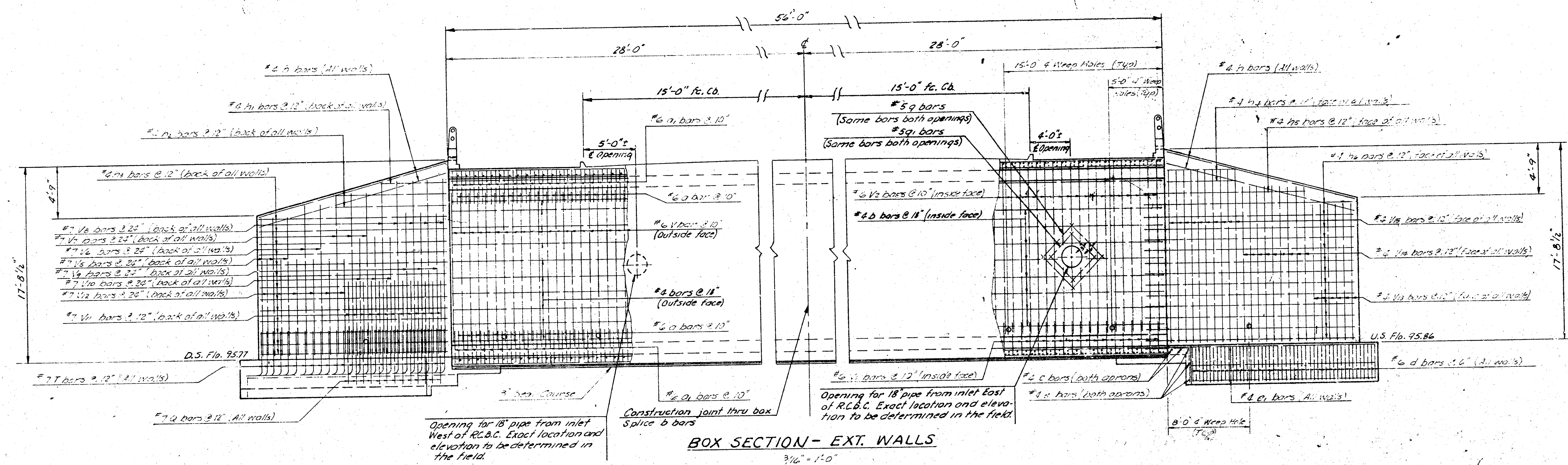


E. CESSNA ST. - OVER DRY CREEK
PROJ. NO. DAKS 577020

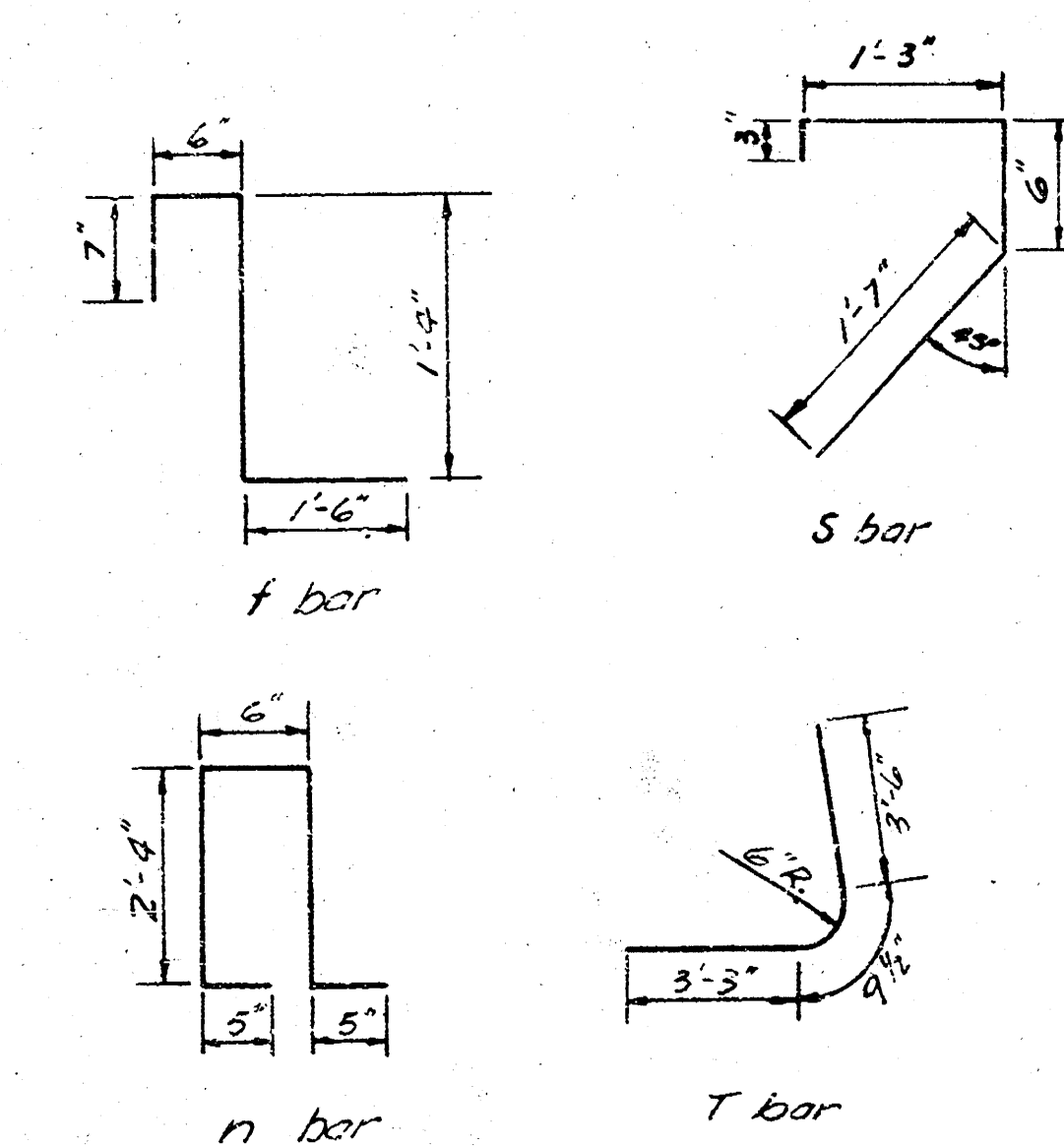
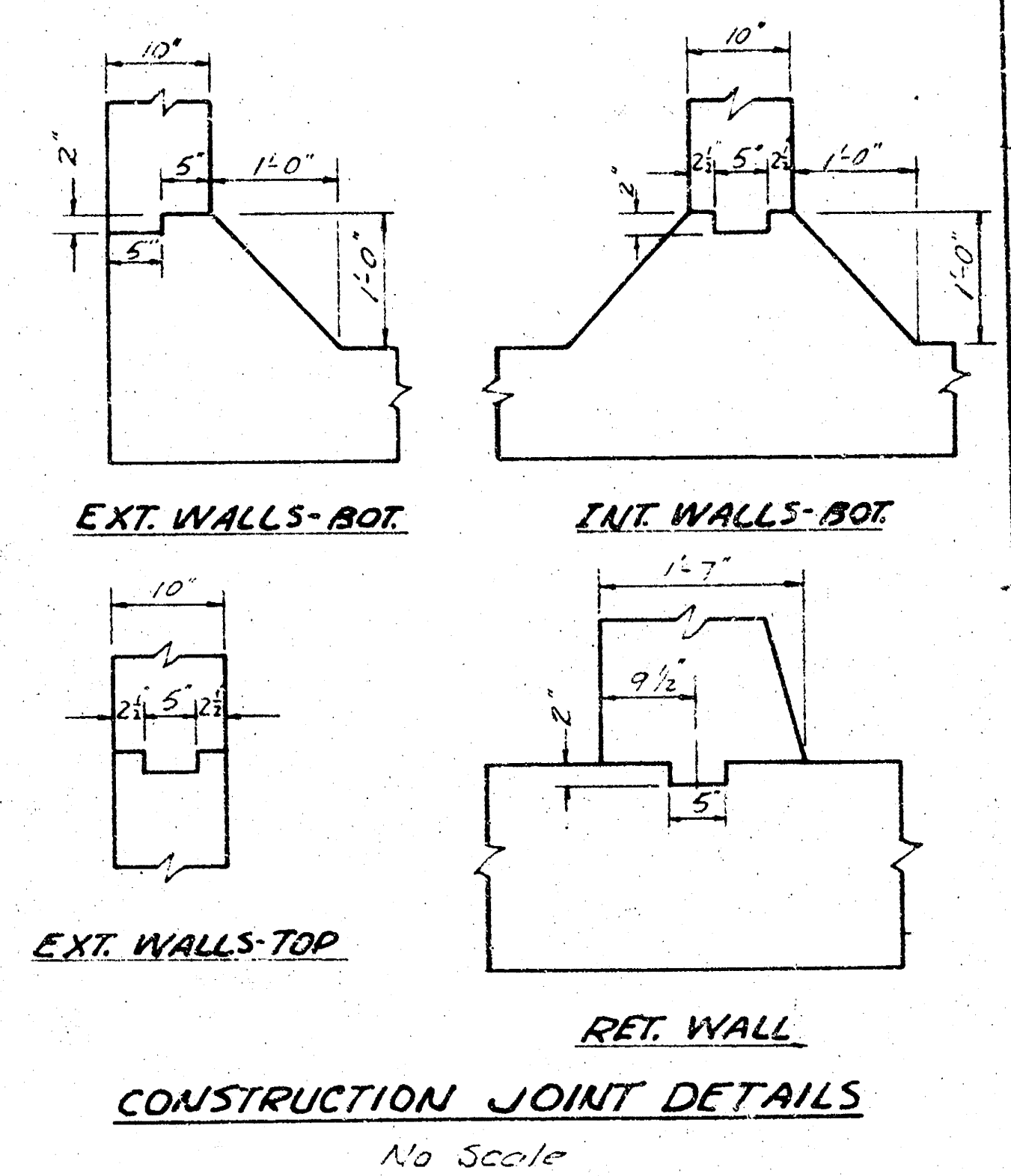
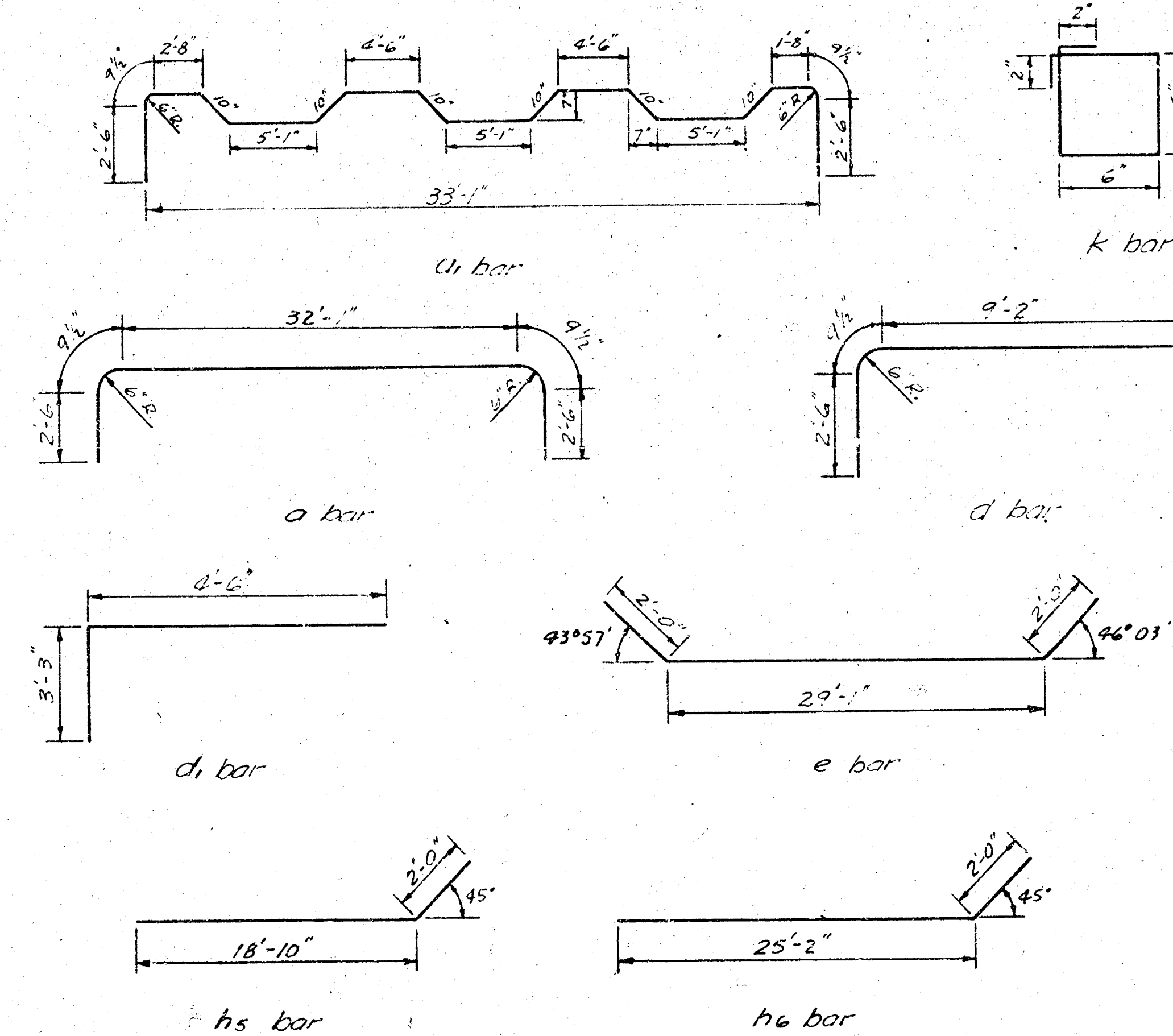
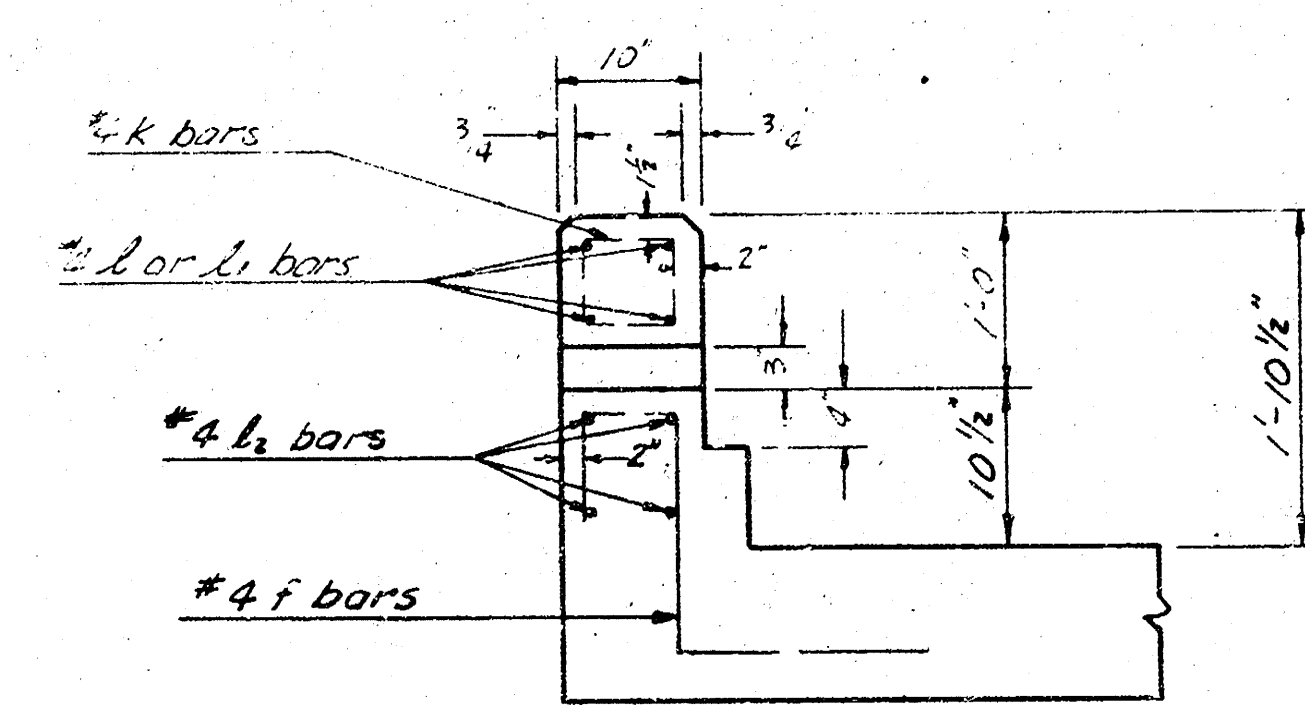
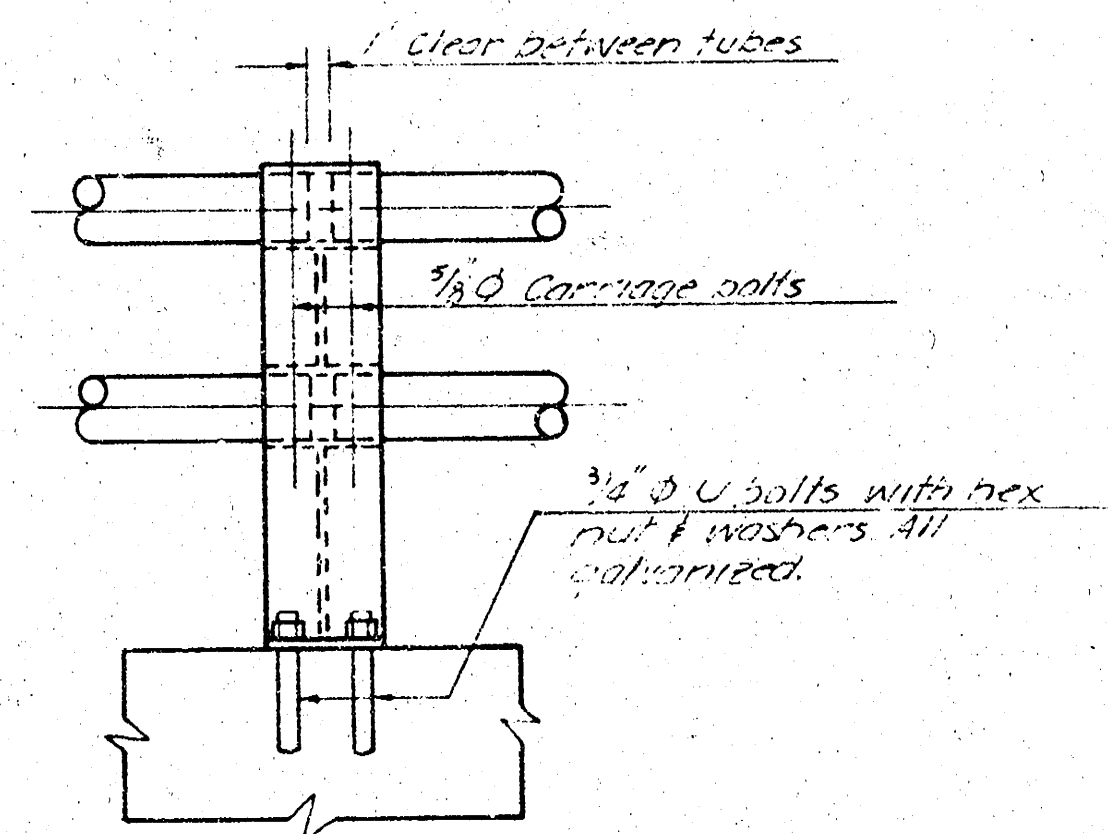
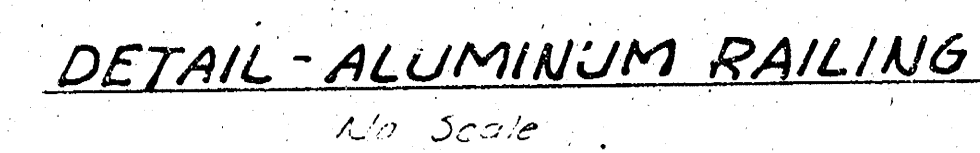
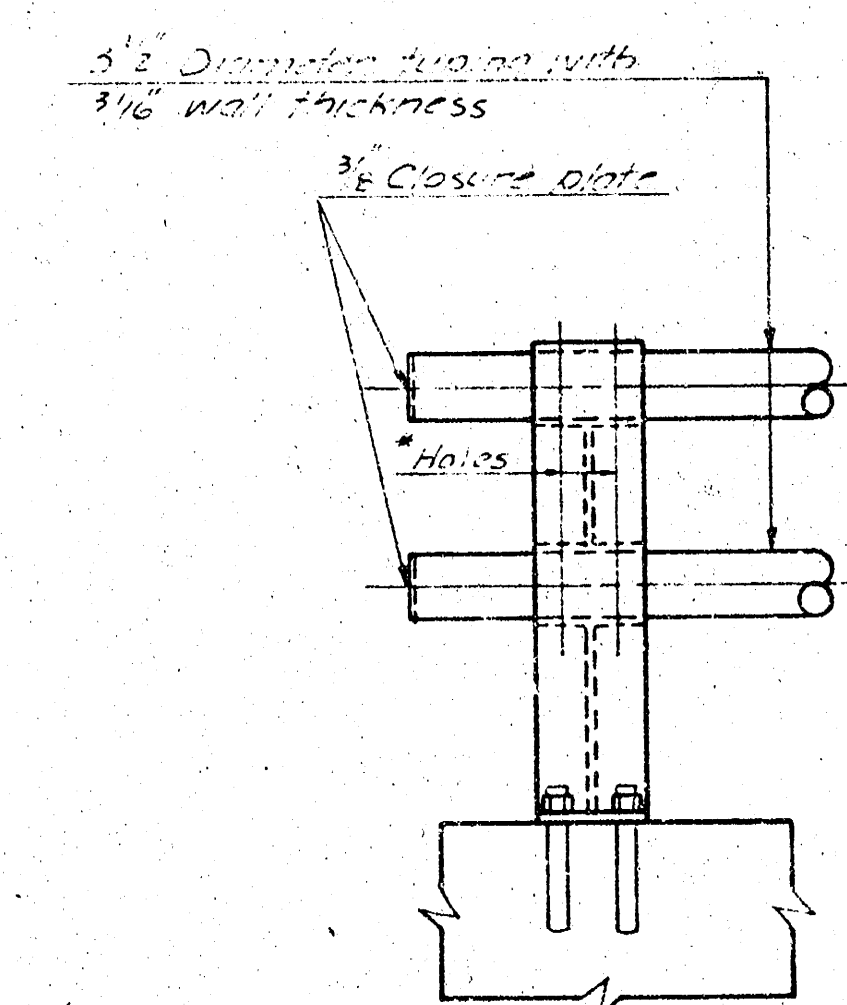
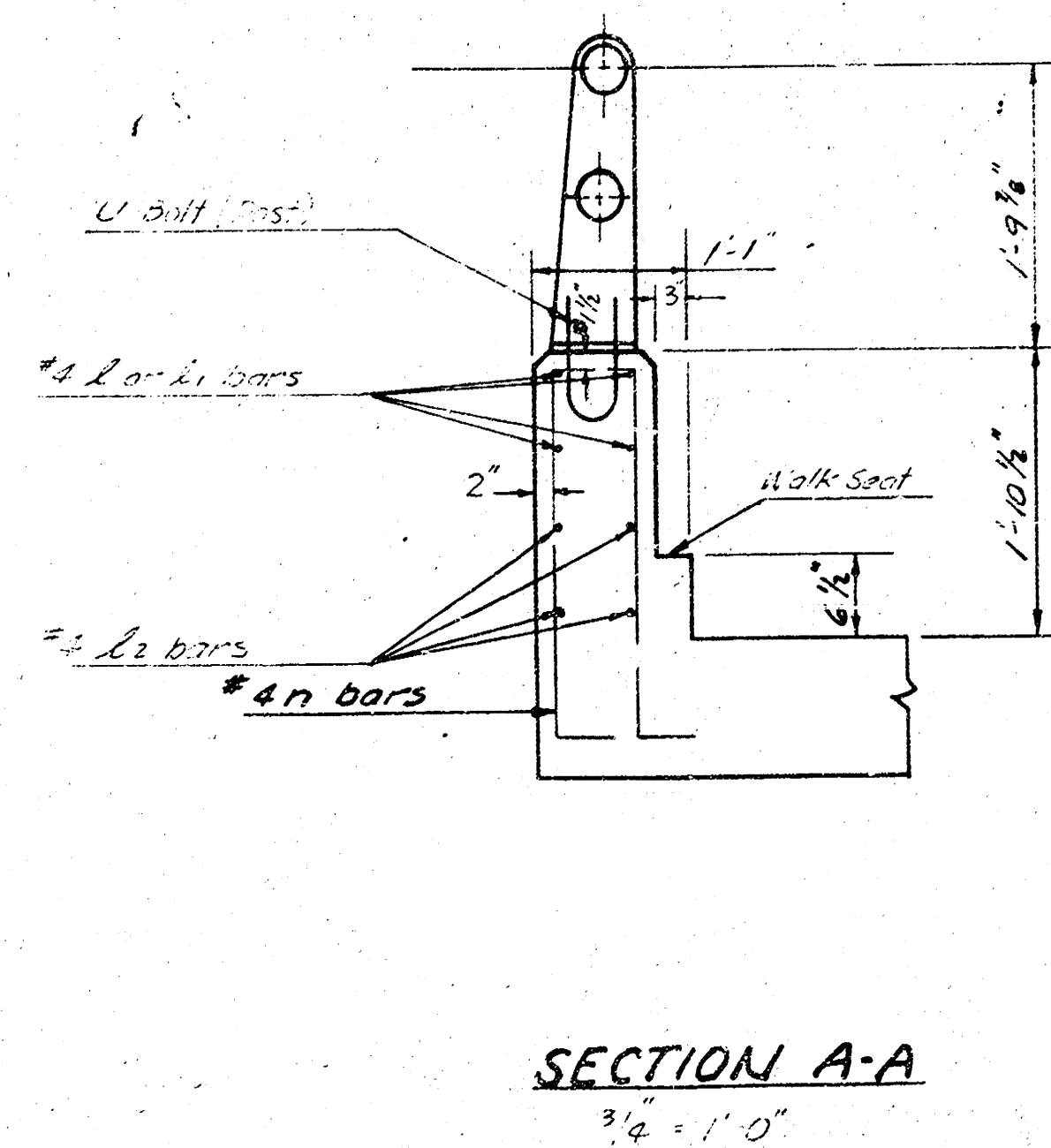




PLAN
3/16" = 1'-0"



3-10'x16' R.C.B.C.- OVER DRY CREEK
 PROJ. NO. DAKB 577020



BENDING DIAGRAMS

8/11 3-10'x16' R.C.B.C.-OVER DRY CREEK
PROJ. No. DAKB 577020

