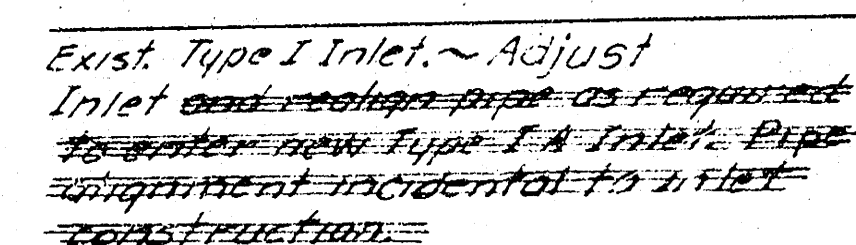


BASE LINE:
Sta. 0+85.1 to Sta. 0+87.1 TO Sta. 1+00, Base Line is on a tangent to & C Sta. 1+00, RT.
Sta. 1+00, RT, to Sta. 2+46.06, PC, Base Line is on it.
Sta. 2+46.06, PC, to Sta. 3+15.04 Base Line is on an arc 25.0° Rt of &.
Sta. 3+15.04 TO Sta. 3+42.5 Base Line is 25° Rt of &

Scale: $1'' = 20'$



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.

SUBGRADE
TYPE OF SUBGRADE: FILLING SHALL BE
TERMINATED BY A 10% FILLING OF BEDROCK
TREATMENT. THE FILLING SHALL BE A
CEMENT PORTLAND CEMENT MIXTURE OF 1:1
RATIO. OR ANY EQUIVALENT MIXTURE.

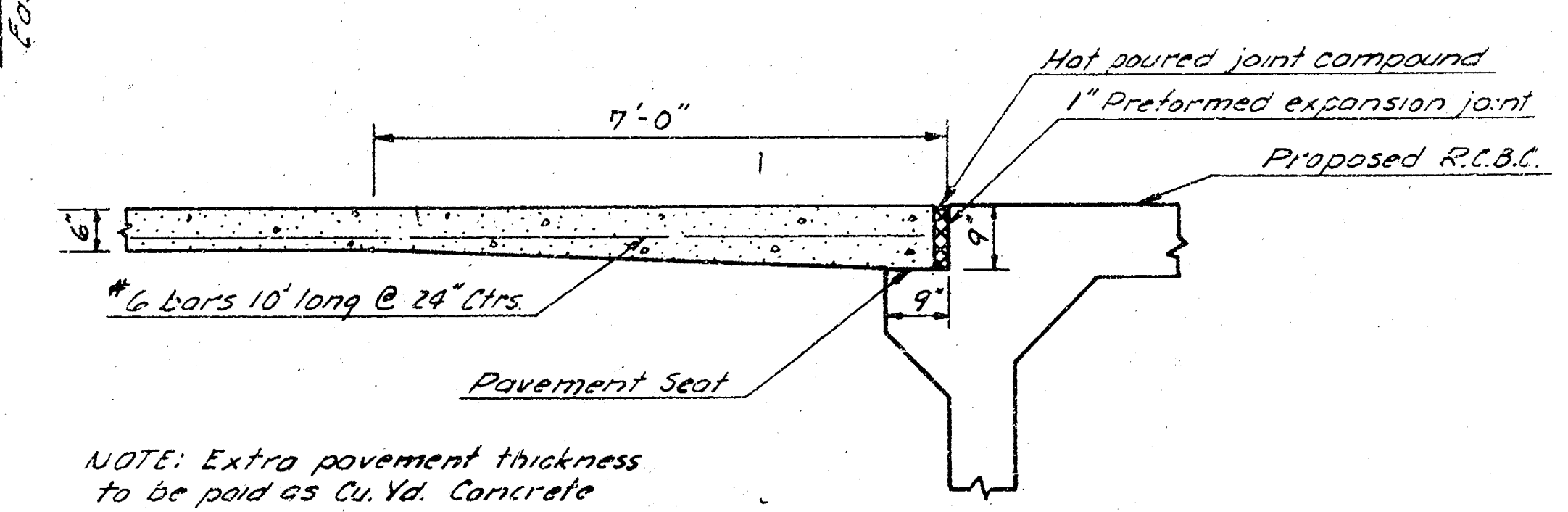
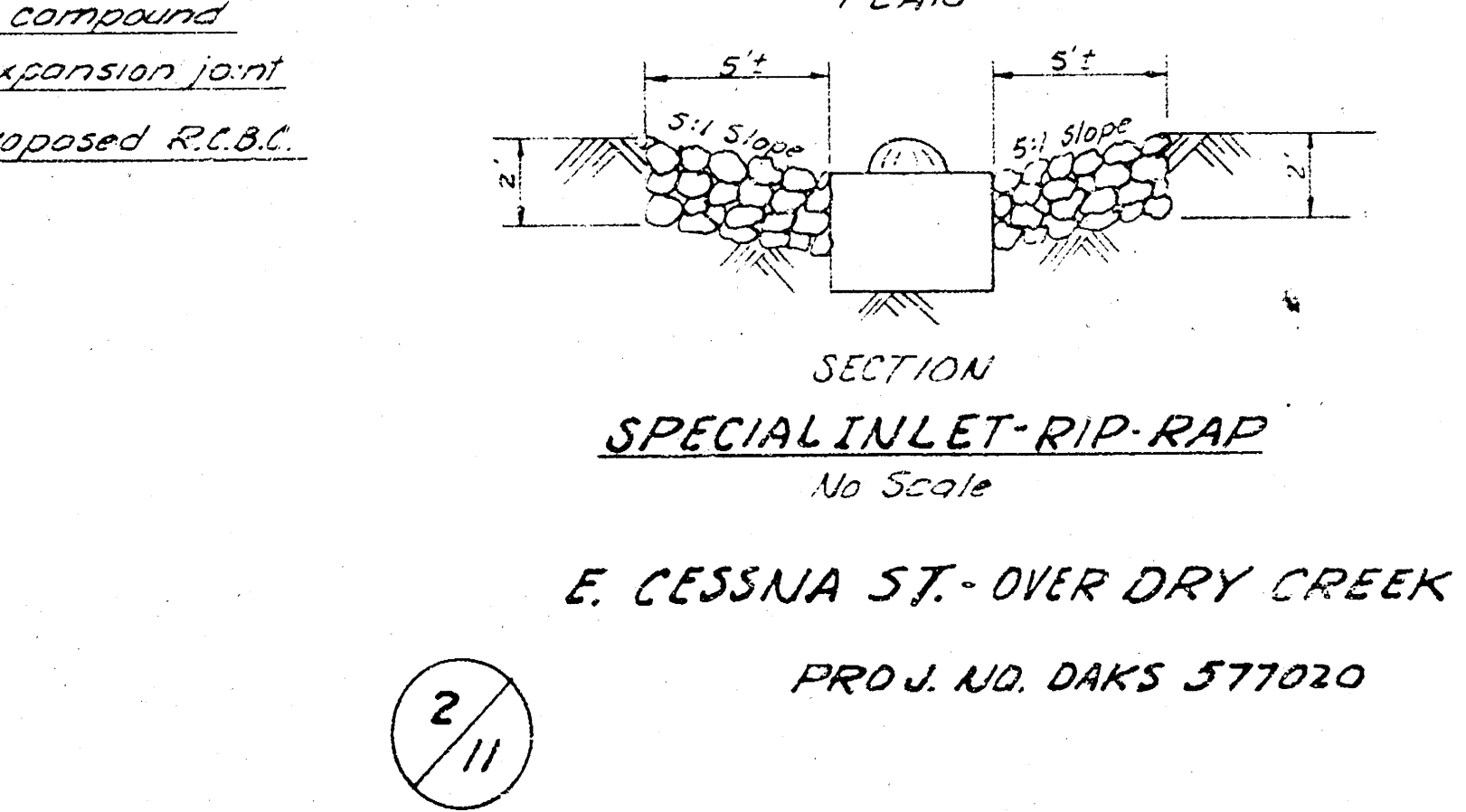
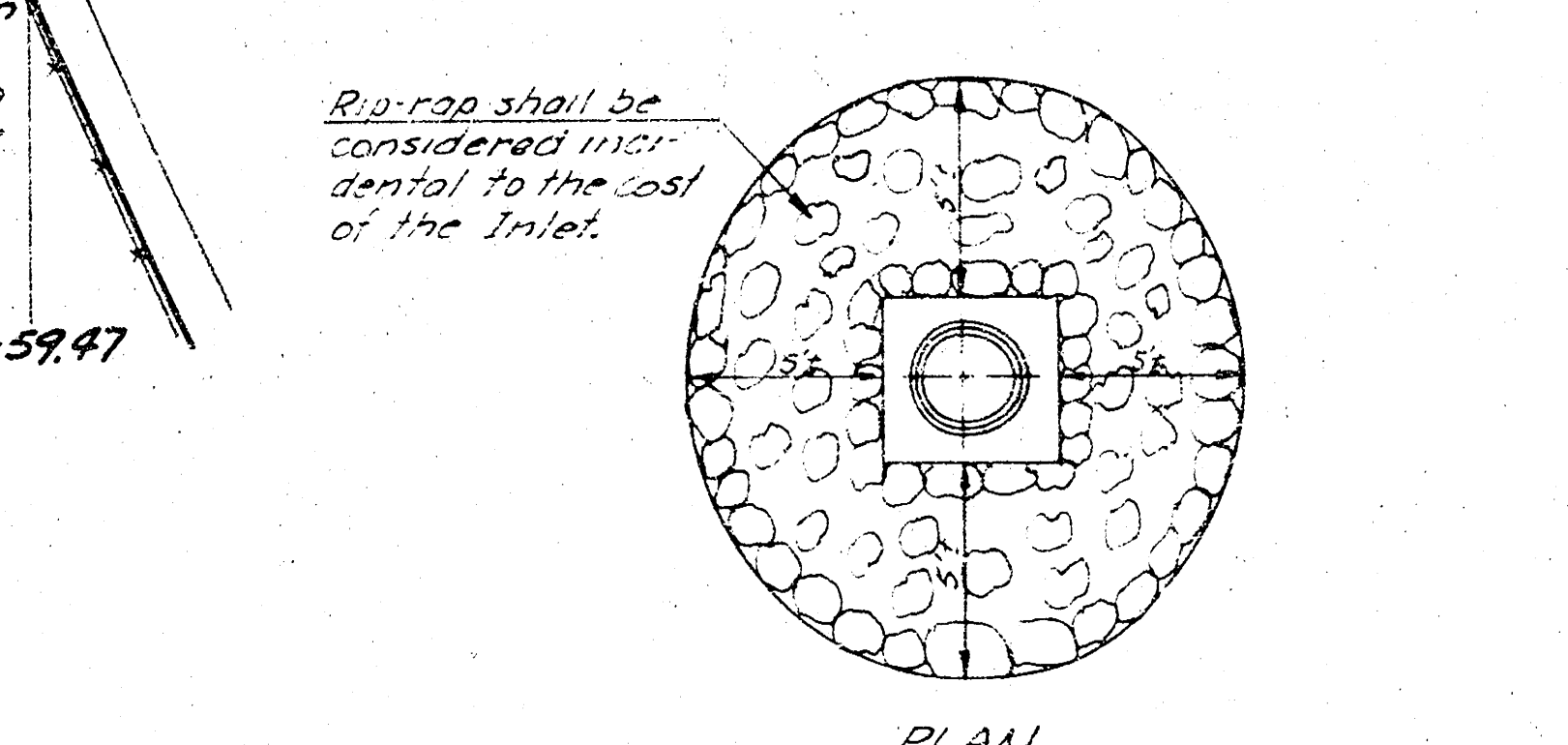
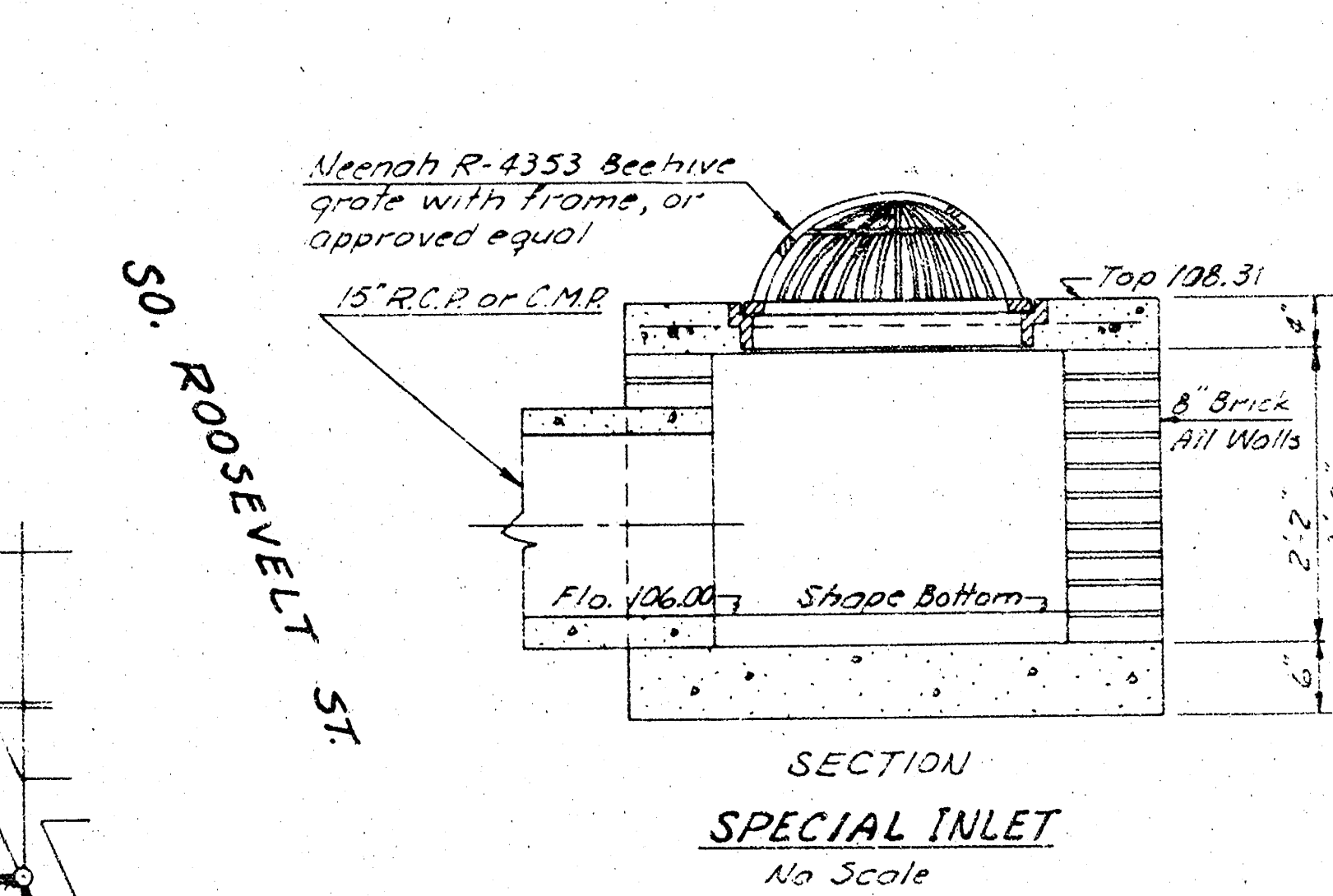
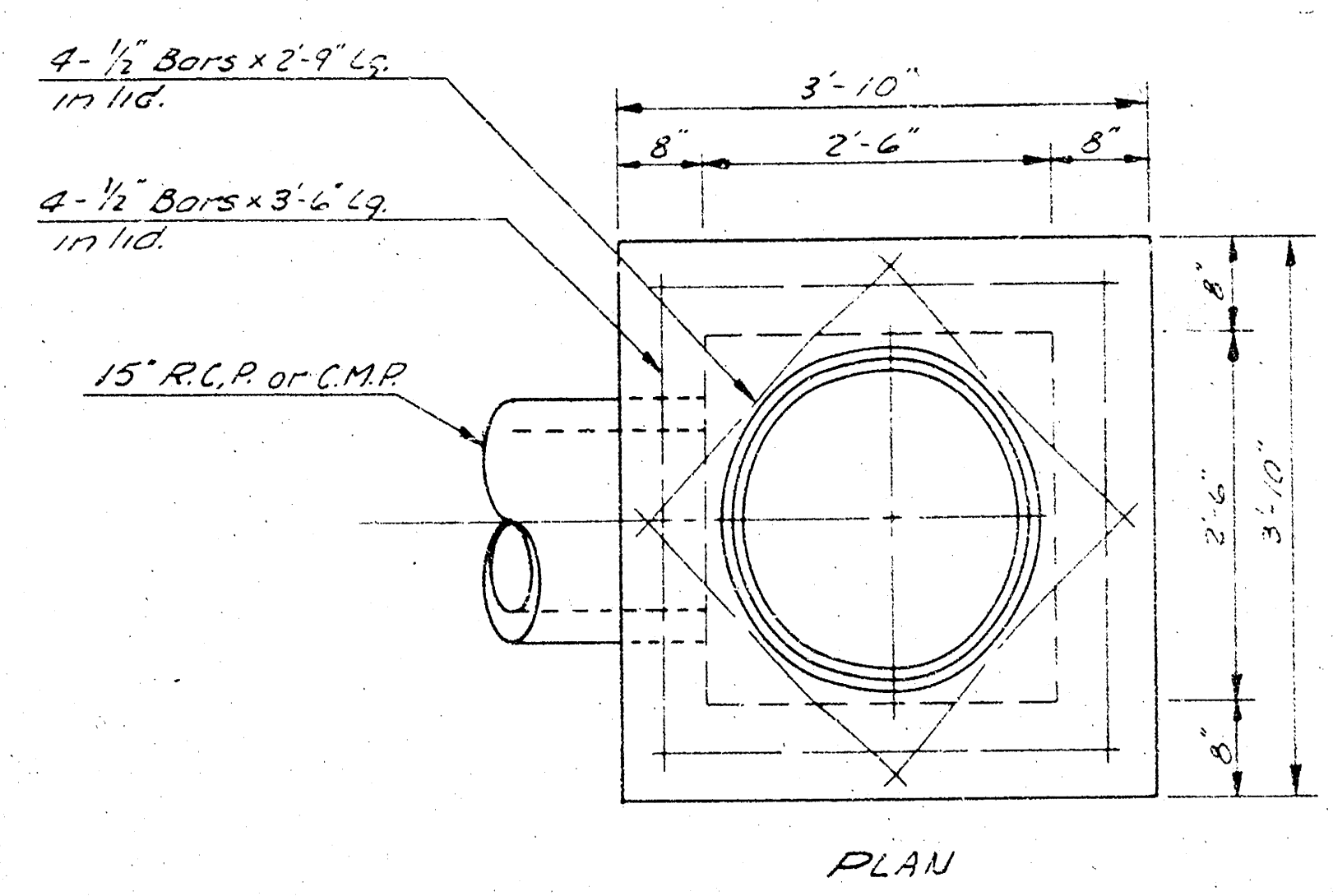
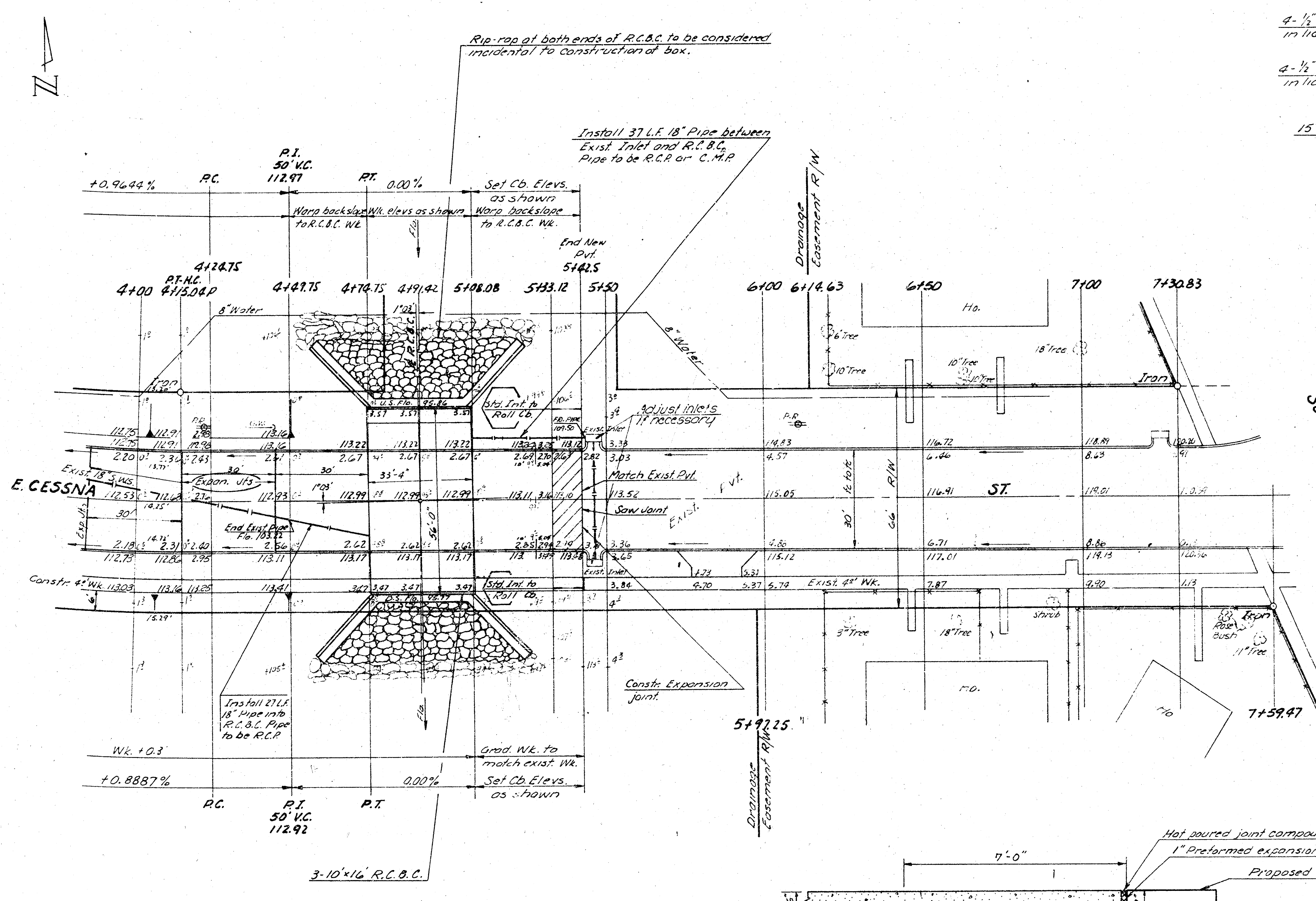
Total Manipulation = 1519 S.Y.

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

CURVE DATA BASED ON RAD. 25.81 OF $\Delta = 10^\circ 11' 30''$

STA	ARC	CHORD LENGTH		TOTAL	
		80.041' (25.81 DEF. RAD)	DEFLECTION	DEFLECTION	
2446.06			0°00'00"	0°00'00"	
2450	28.79'	26.30'	1°06'48"	1°06'48"	
3400	25.0	22.47	24.81	1°30'28"	3°15'12"
3425	25.0	22.47	24.81	1°30'28"	4°45'40"
3450	25.0	22.47	24.81	1°30'28"	6°16'08"
3475	25.0	22.47	24.81	1°30'28"	7°46'36"
3499	25.0	22.47	24.81	1°30'28"	9°17'04"
3515.06	15.04	13.32	14.78	0°53'24"	10°11'30"

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



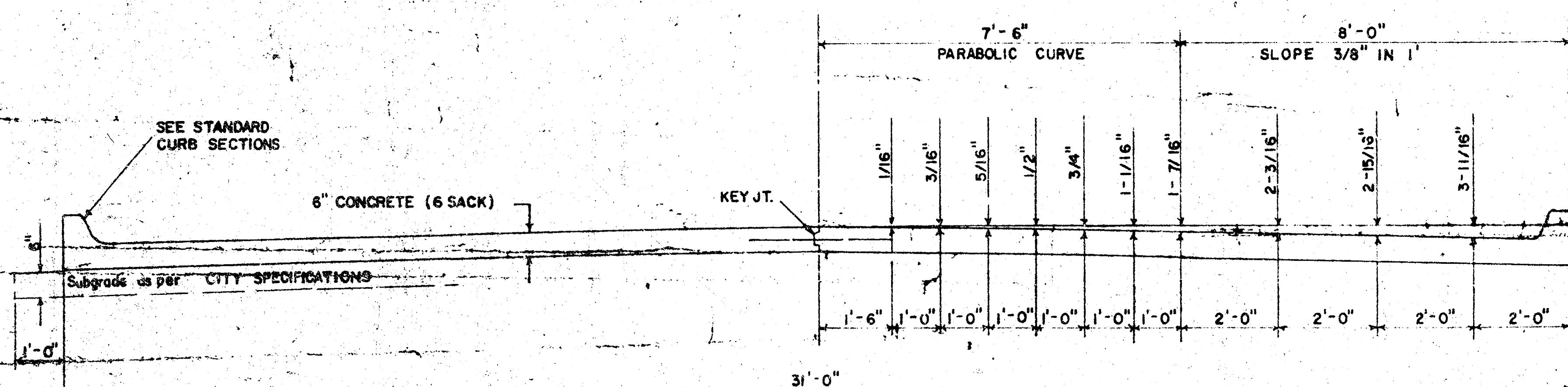
NOTE: Rip-rap or equivalent protection shall be placed up to 3'-0" beyond the extent of wing walls upstream and downstream. Rip-rap shall also be placed on side slopes up to elevation 105.0. Rip-rap shall be 18" deep and grouted, with 6" sand and gravel bedding.

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

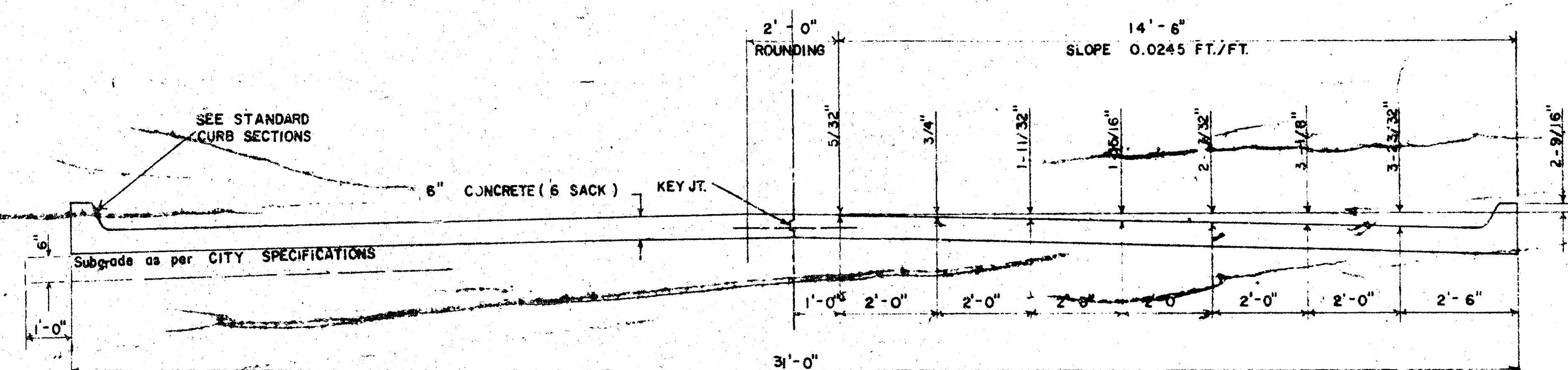
PAVEMENT DETAIL AT BRIDGE
No Scale

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

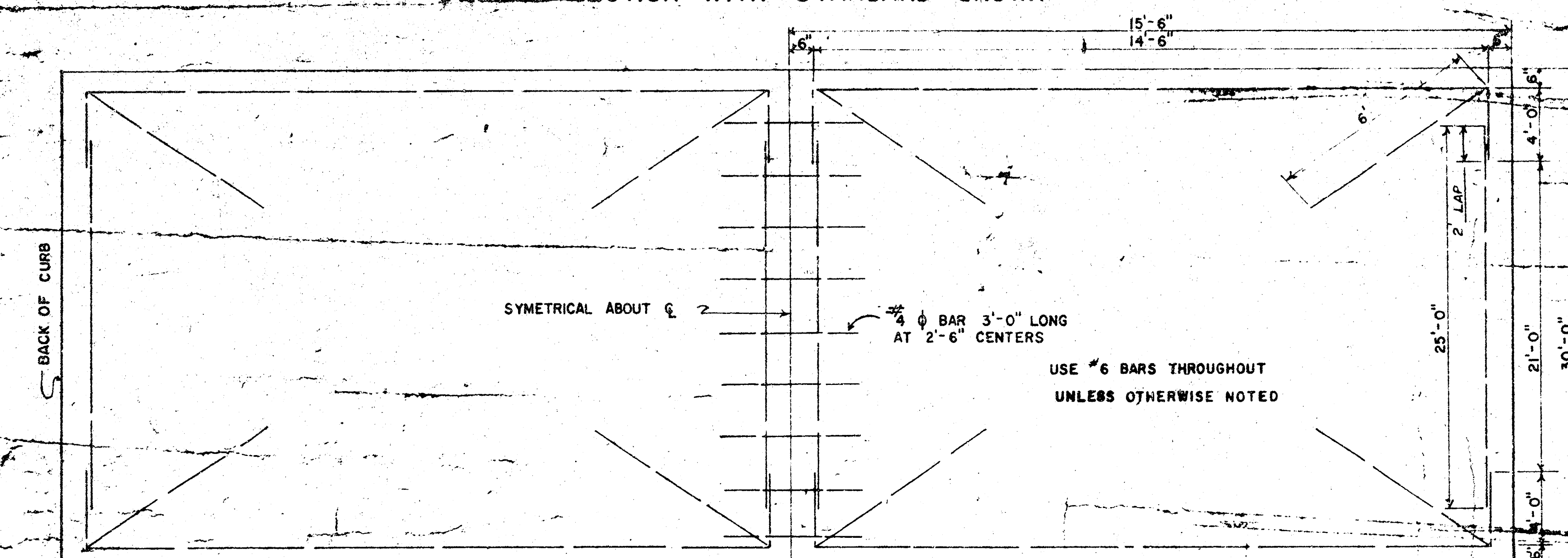
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT



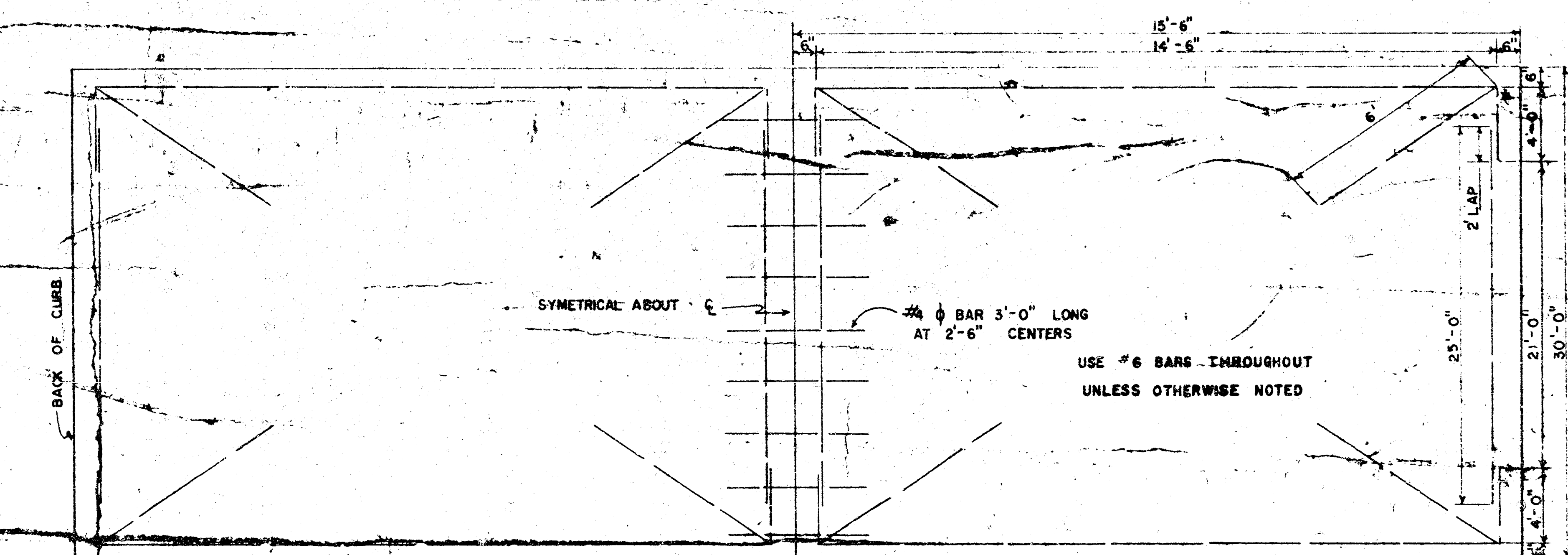
TYPICAL SECTION WITH STANDARD CROWN



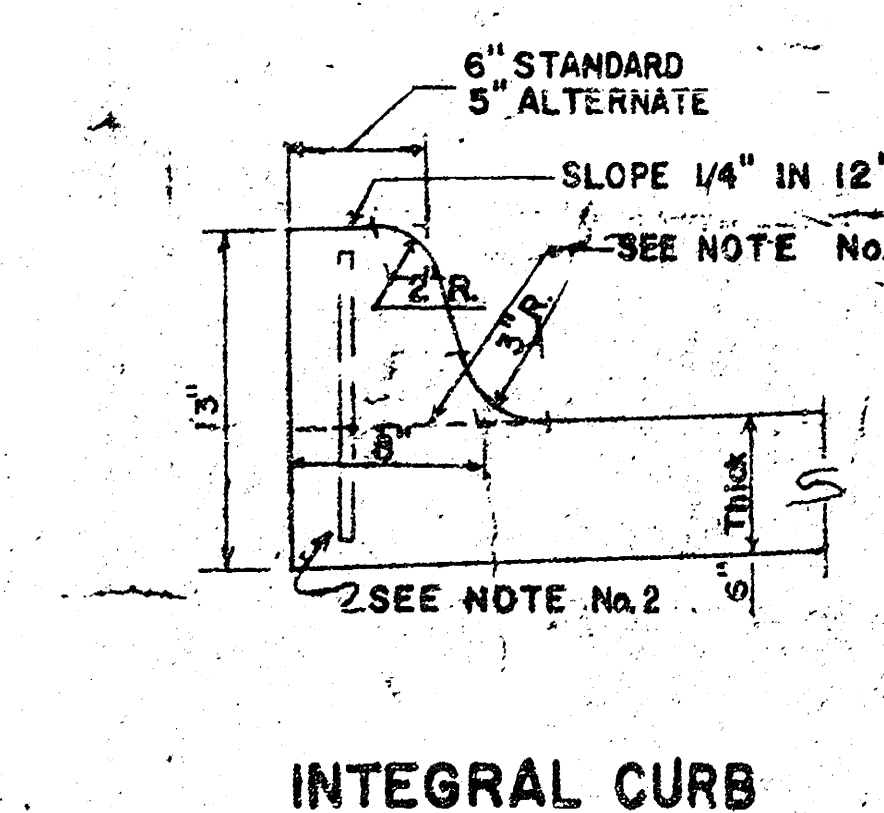
TYPICAL SECTION WITH ALTERNATE CROWN



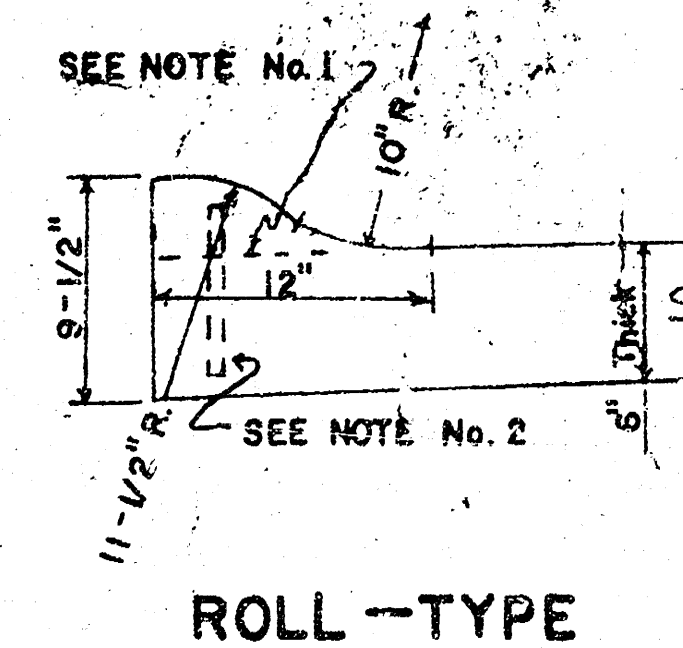
STEEL PATTERN



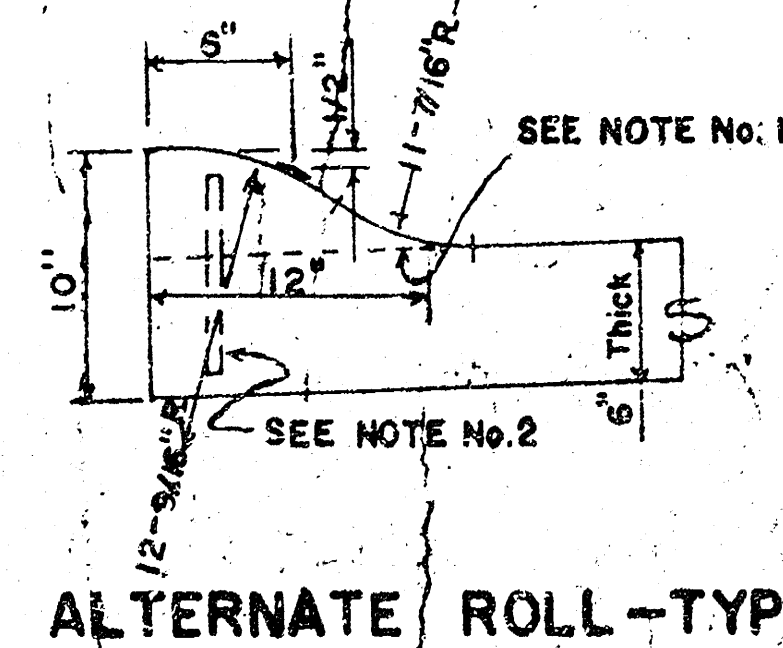
STEEL PATTERN



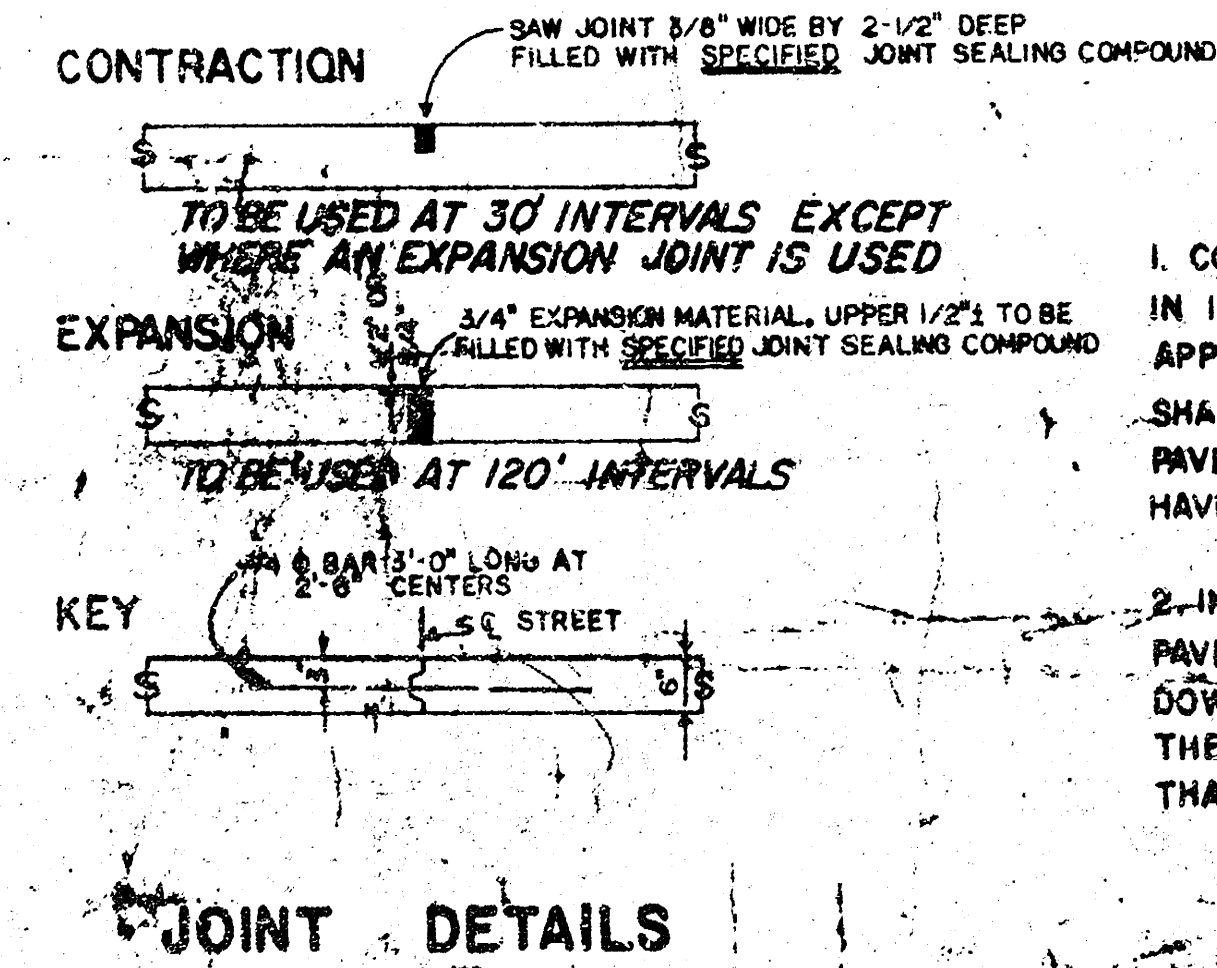
INTEGRAL CURB



ROLL-TYPE



ALTERNATE ROLL-TYPE



GENERAL NOTES

- 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'.
- 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.

E. CESSNA ST. OVER DRY CREEK

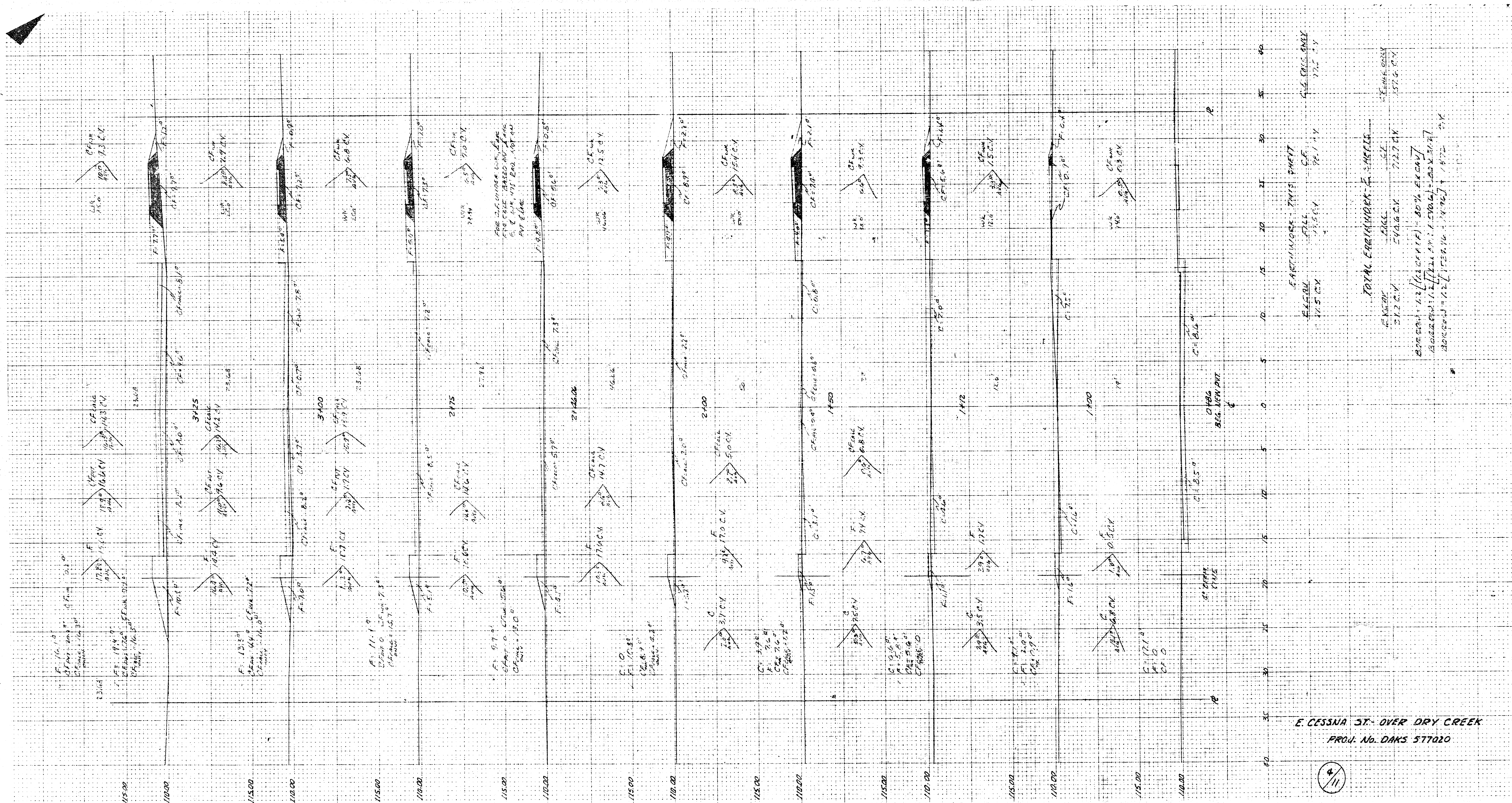
CITY OF WICHITA, KANSAS

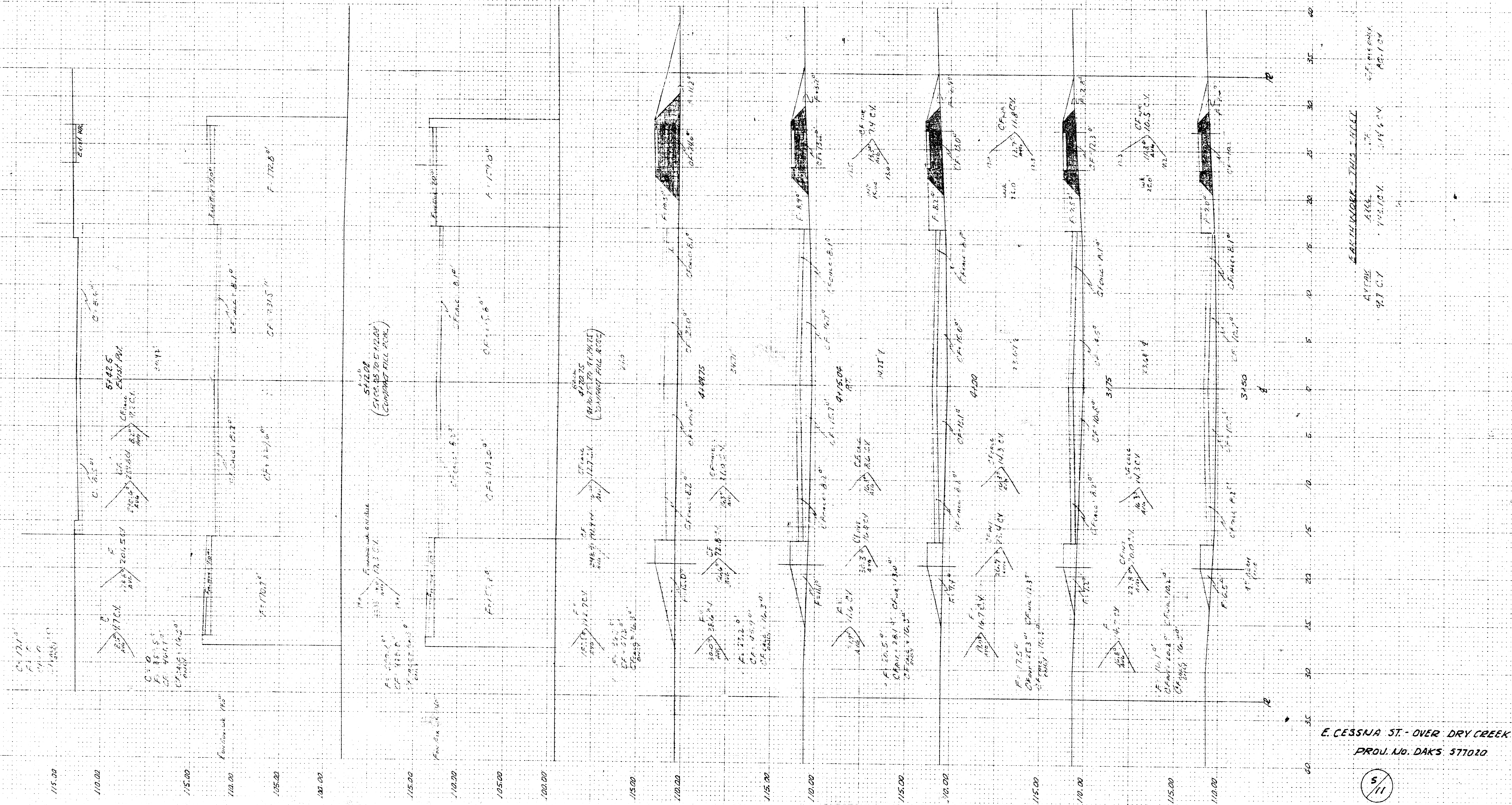
Department of Public Works Engineering Division

R.W. Linn City Engineer

Date: June 1977 Project No. DAKS 577020

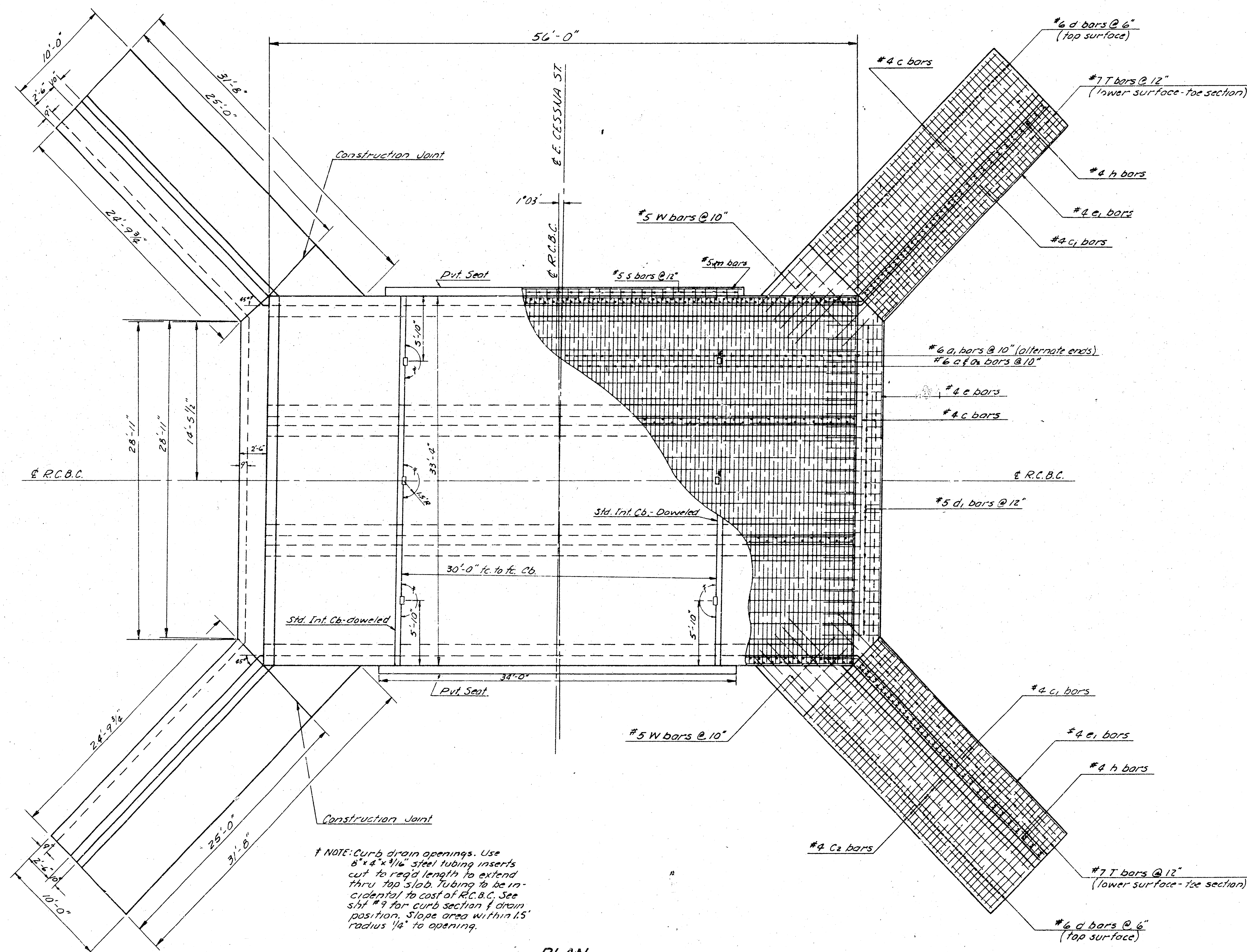
3/11





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





GENERAL NOTES

1. CLASS A AE - CONCRETE SHALL BE USED THROUGHOUT ON THE STRUCTURE. ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATIONS.
2. EARTHWORK - ALL EARTHWORK SHALL BE CONSIDERED AS "COMMON EXCAVATION" EXCEPT FOR THE TOWALL. TOWALL EXCAVATION SHALL BE INCLUDED IN "LUMP SUM BID".
3. BACKFILL - ALL BACKFILL AND EXCAVATION TO EXTEND TO (4') BEYOND SIDES OF BOX AND WING WALLS.
4. BEVEL - ALL EXPOSED EDGES OF CONCRETE WITH 3/4" TRIANGULAR BEVELING.
5. WEAR SURFACE - COURSE AGGREGATE SHALL BE DEPOSITED BEHIND EACH WEARABLE TO OCCUPY A SPACE EXTENDING (15") IN ALL DIRECTIONS ABOVE WEARABLE FLOW LINE. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED A PART OF THE EXCAVATION WORK.
6. SEAL COURSE - A SEAL COURSE CONSISTING OF 3" CLASS "A" CONCRETE SHALL BE CONSTRUCTED ONLY WHERE SPECIFIED ON THE PLANS OR BY THE ENGINEER. NO REINFORCING SHALL BE PLACED UNTIL THE SEAL COURSE HAS GAINED SUFFICIENT STRENGTH TO PERMIT WORKING UPON IT WITHOUT DAMAGE.
7. STEEL TUBING - INSERTS AT CUTTER DRAIN OPENINGS SHALL RECEIVE THREE (3) COATS OF PAINT, INSIDE AND OUTSIDE, BEFORE INSTALLATION. THE FIRST COAT IS TO BE A RED LEAD PRIMER COAT, AND THE SECOND AND THIRD COATS ARE TO BE ALUMINUM PAINT (UNTINTED). PAINT SHALL BE PER STATE HIGHWAY COMMISSION OF KANSAS, STANDARD MATERIALS SPECIFICATIONS, 1973 EDITION, SECTION 1008.
8. BIDDING OF CULVERT - THE CULVERT SHALL BE BID AS A "LUMP SUM BID" WHICH SHALL INCLUDE THE FOLLOWING ITEMS: CLASS A AE CONCRETE, REINFORCING STEEL, HAND EXCAVATION, ALUMINUM HAND RAIL, AND STEEL TUBING AT CUTTER DRAIN OPENINGS. ALL OTHER ITEMS SHALL BE INCLUDED AS BID ITEMS.
9. THE QUANTITIES SHOWN IN THE "BILL OF MATERIALS" OR ITEMS WHICH ARE INCLUDED IN THE "LUMP SUM BID" OF THE CULVERT ARE FOR "INFORMATION PURPOSES ONLY". THE CONTRACTOR MUST SATISFY HIMSELF AS TO THE "QUANTITIES" AND THE ENGINEER ASSUMES NO RESPONSIBILITIES FOR THEIR ACCURACY. THE CONTRACTOR WILL HAVE THE FULL RESPONSIBILITY FOR PROVIDING ALL MATERIALS ON THE DETAILED PLANS NECESSARY TO COMPLETE THE PROJECT.

PLAN
3/16" = 1'-0"

