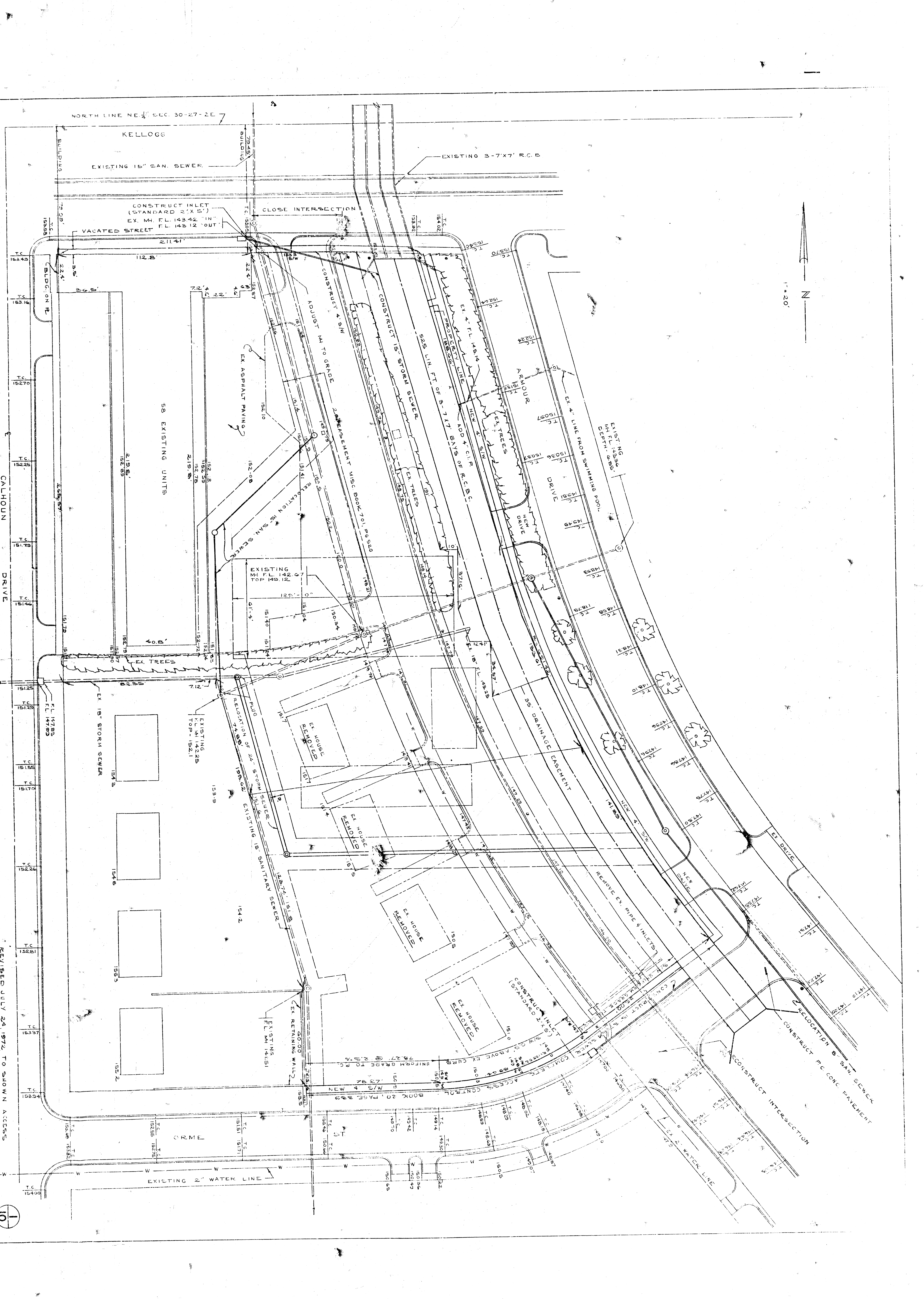




HOLIDAY INN-EAST LIGHTNER ADDITION

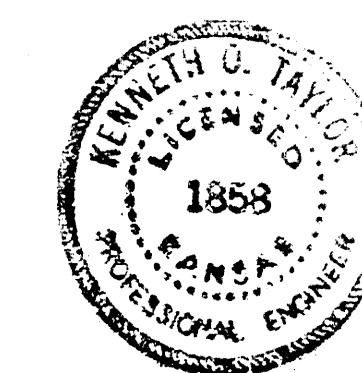
BOX CULVERT
SANITARY SEWERS
STORM WATER SEWERS
RECONSTRUCTION OF STREET
SIDEWALKS

INDEX

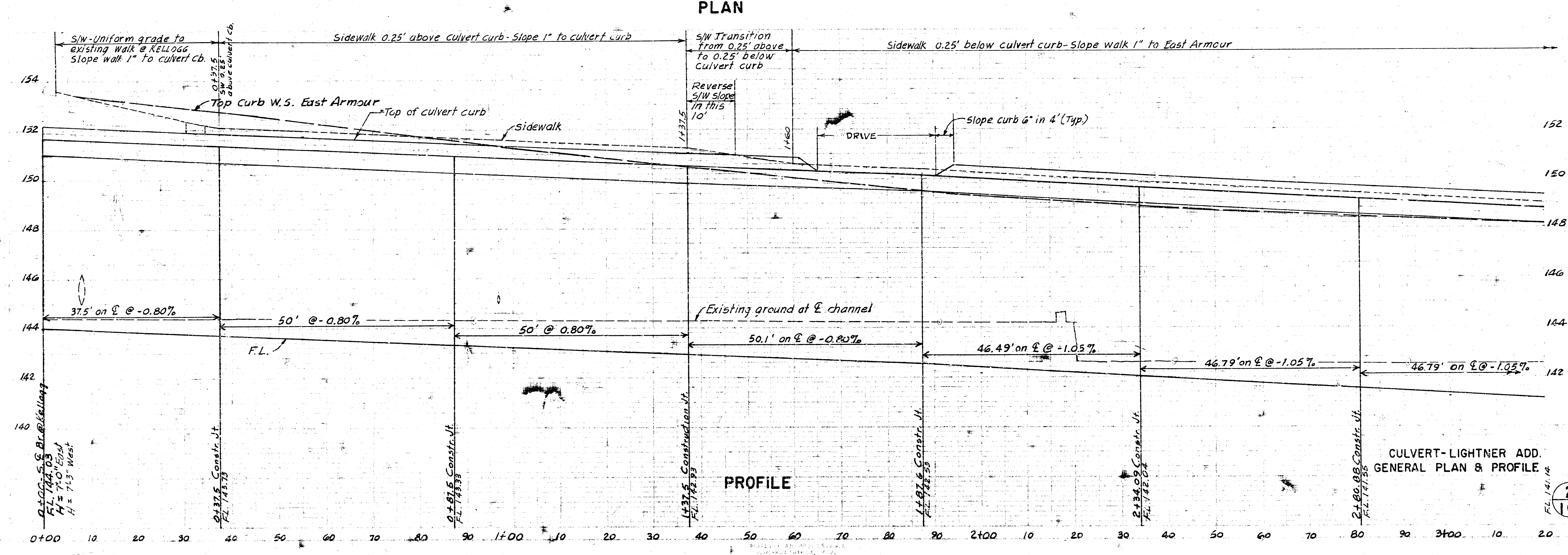
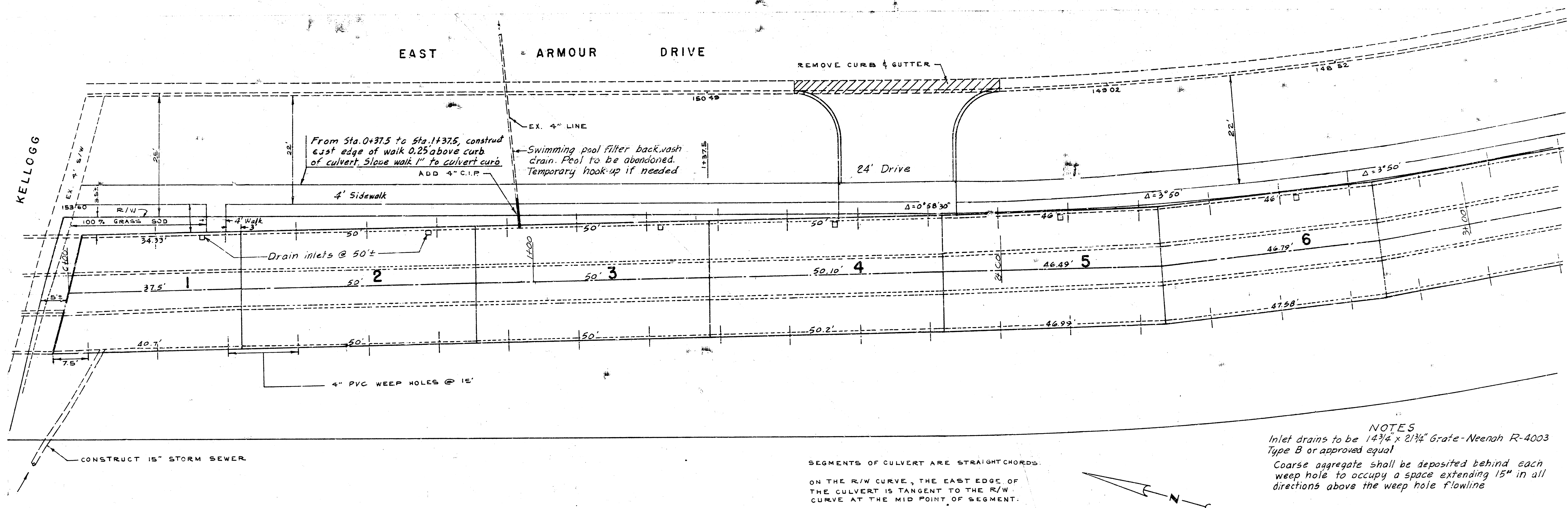
1. SITE PLAN
2. & 3. - CULVERT-GENERAL PLAN & PROFILE
4. CULVERT- LIGHTNER ADD.
5. CULVERT & STREET- ORME & ARMOUR
6. CULVERT REINF.- ORME & ARMOUR
7. STORM SEWERS
8. SANITARY SEWERS
9. CROSS SECTIONS
10. HANDRAIL, SPEC. PAVE. REINF., BENT BARS

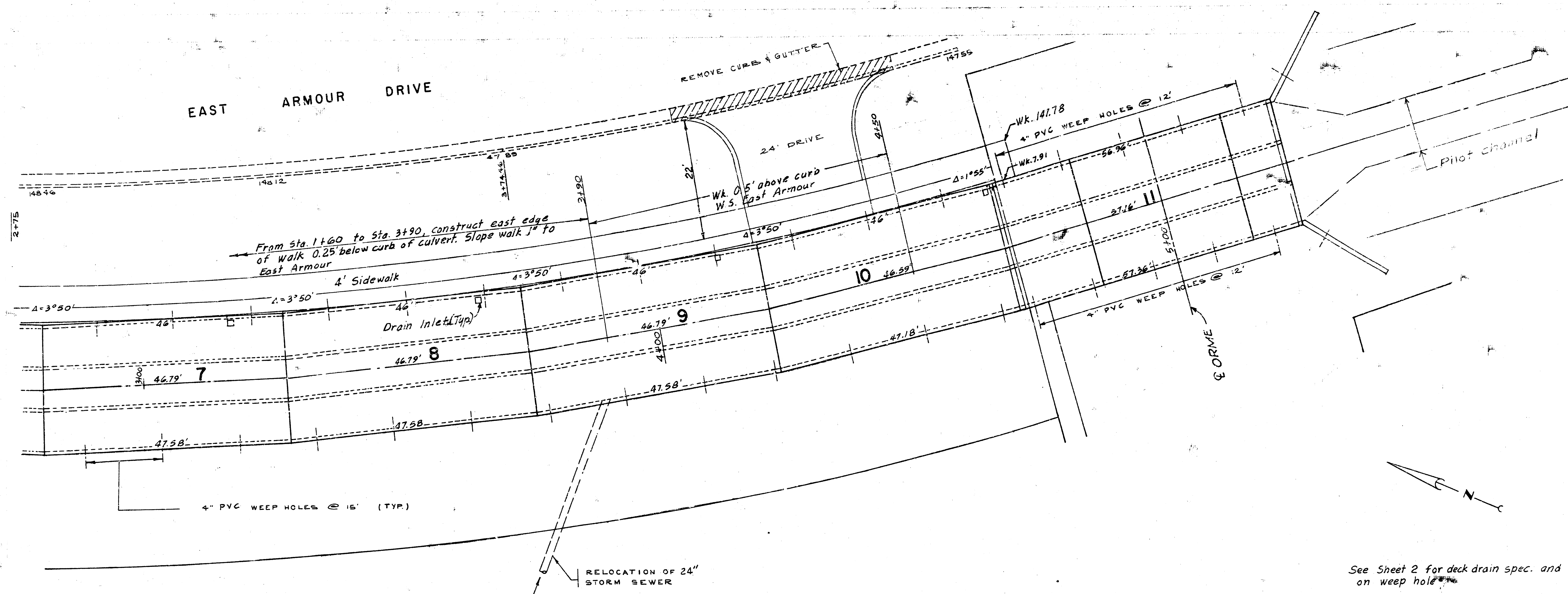
THESE PROJECTS WILL BE CONSTRUCTED UNDER THE SUPERVISION OF THE CITY ENGINEER, DIVISION OF THE CITY ENGINEER, CITY OF WICHITA, KANSAS. THE CITY OF WICHITA WILL REIMBURSE THE CITY OF WICHITA FOR ALL COSTS OF ENGINEERING, PLANS, AND PERMITS.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers SEP 2 1971
Storm Sewers SEP 2 1971
Driveway Approaches SEP 2 1971

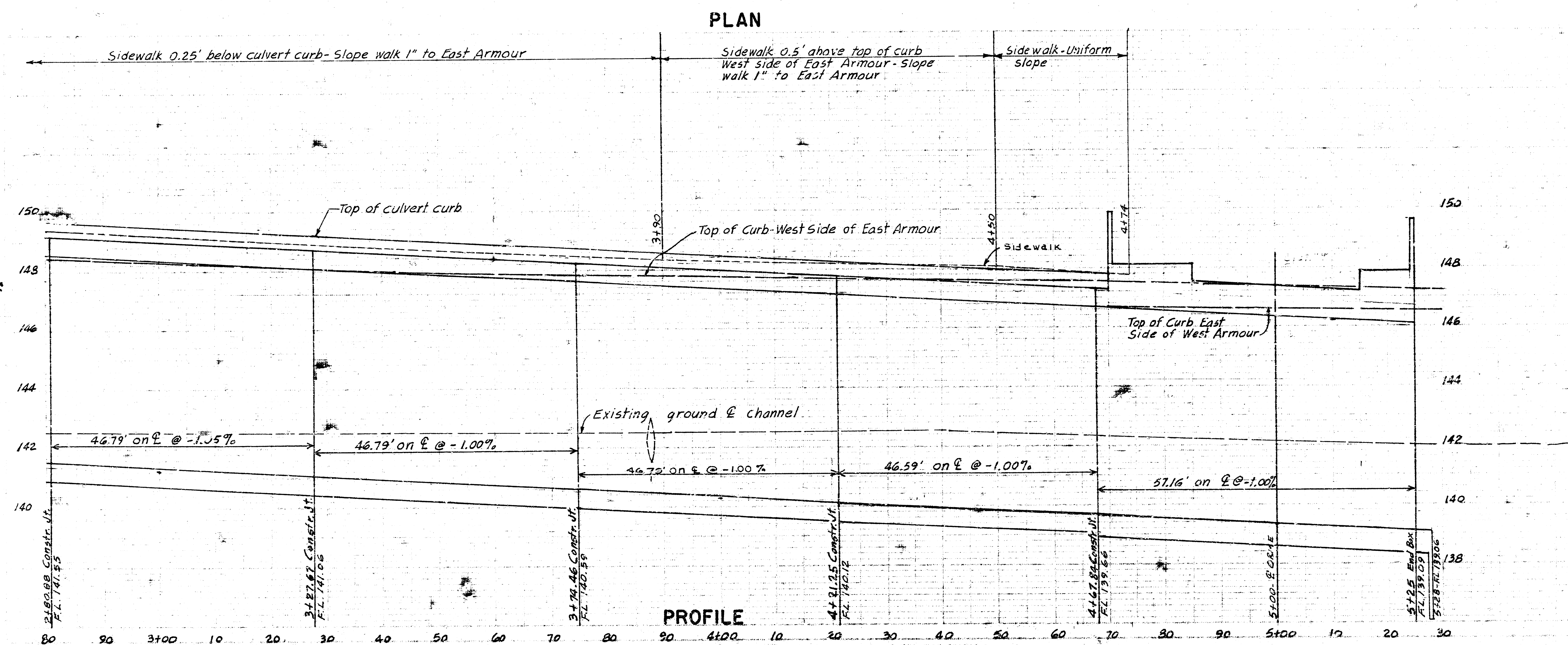


K. O. TAYLOR, P.E.
AUGUST, 1971

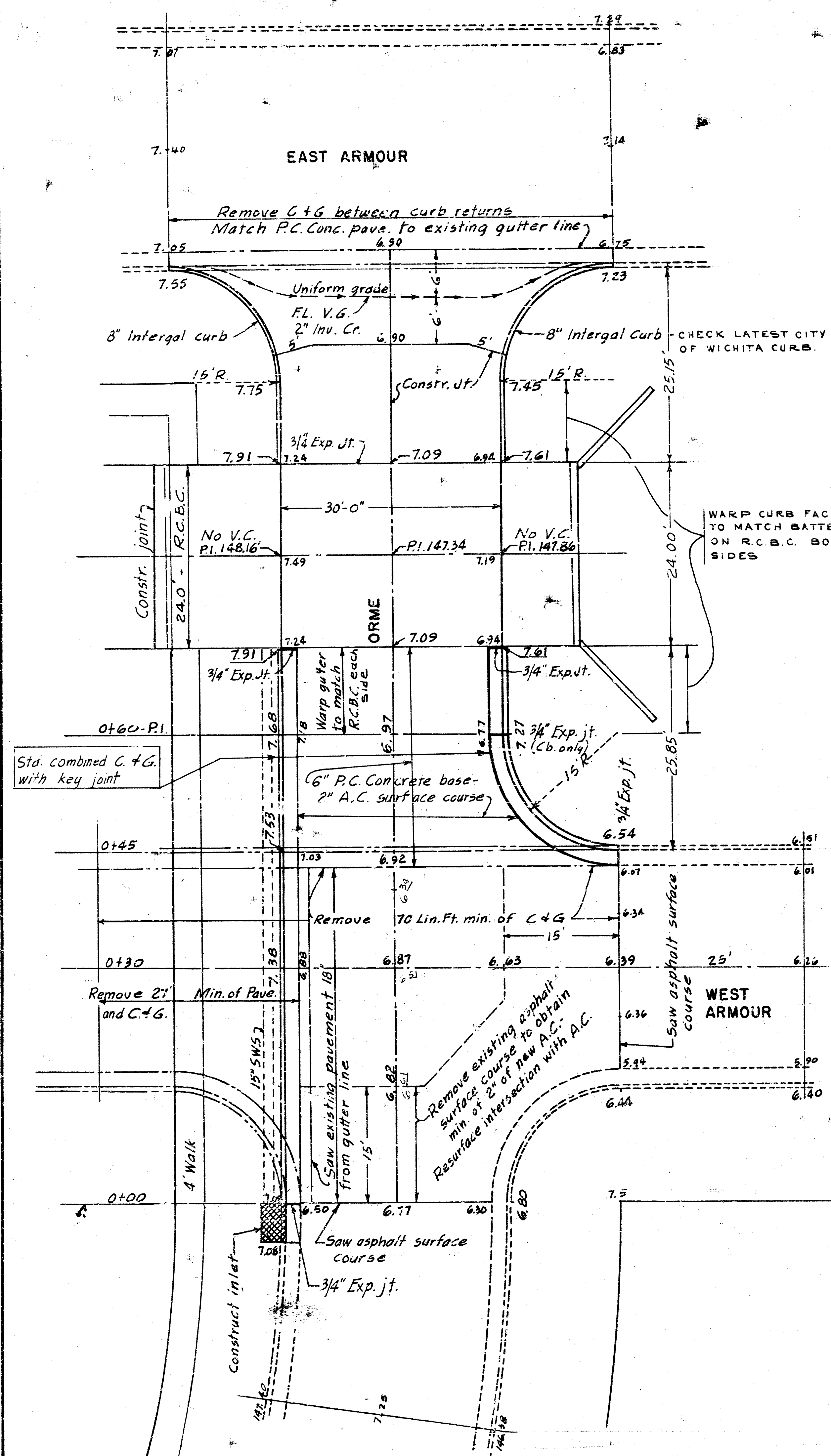




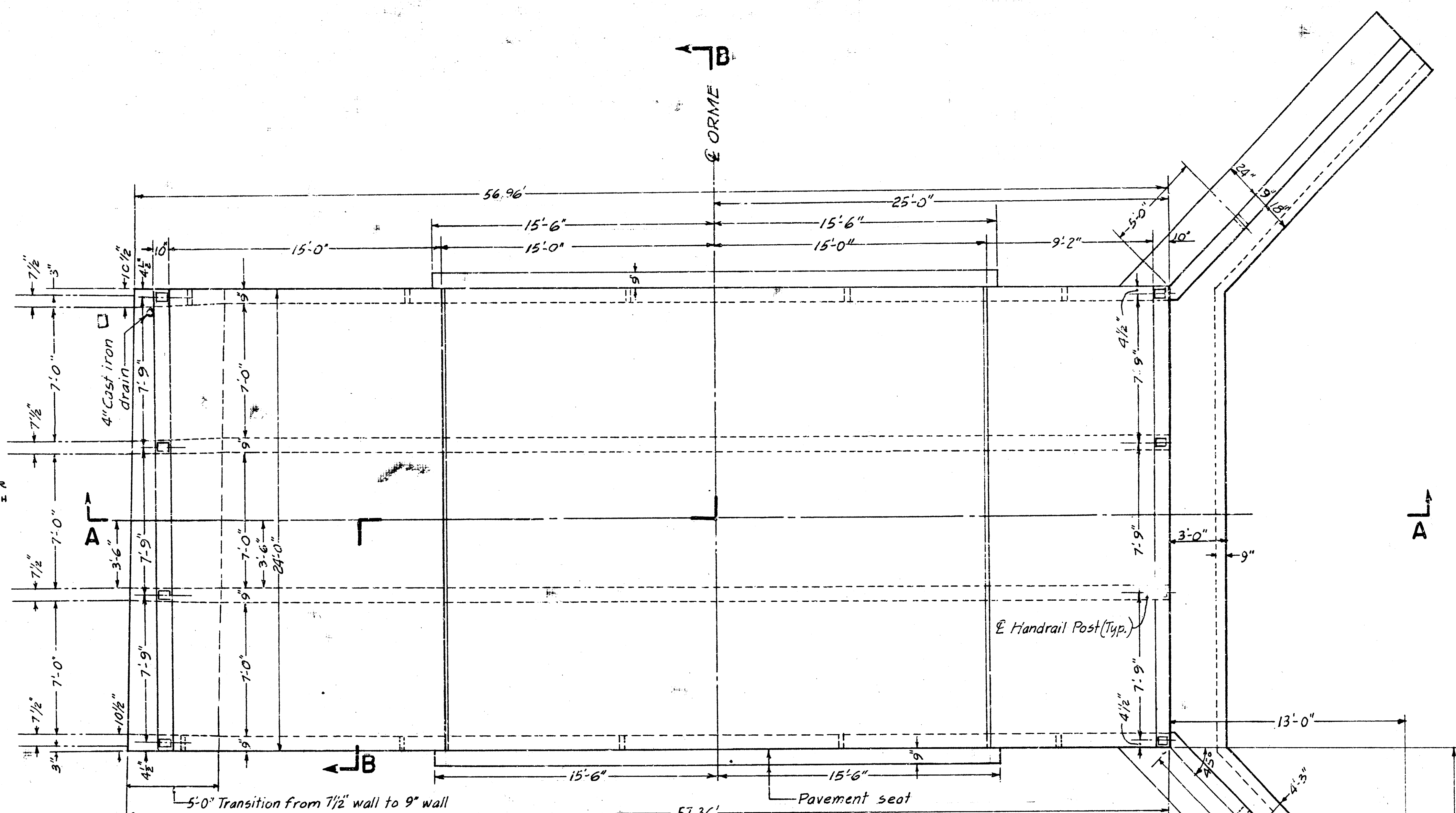
See Sheet 2 for deck drain spec. and note on weep holes



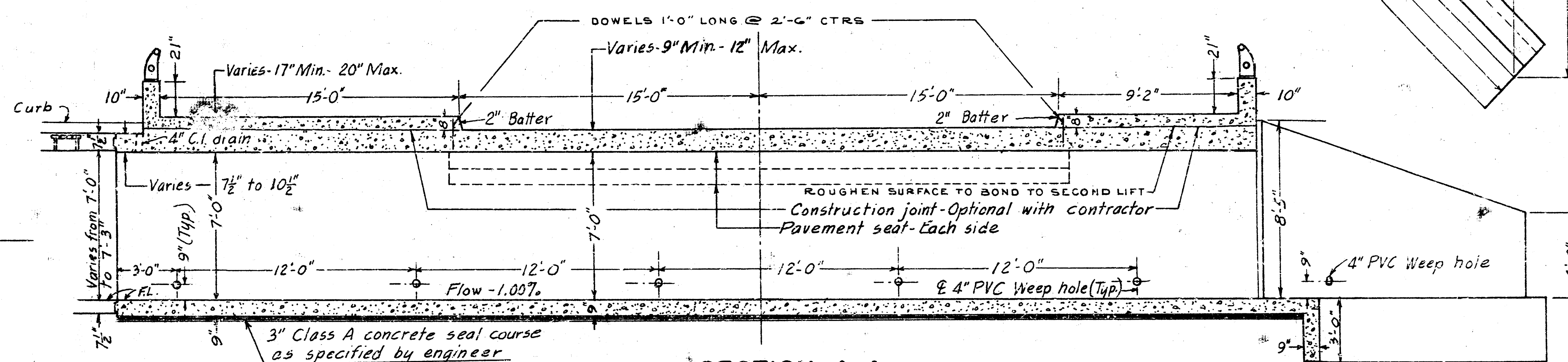
CULVERT-LIGHTNER ADDITION
GENERAL PLAN & PROFILE



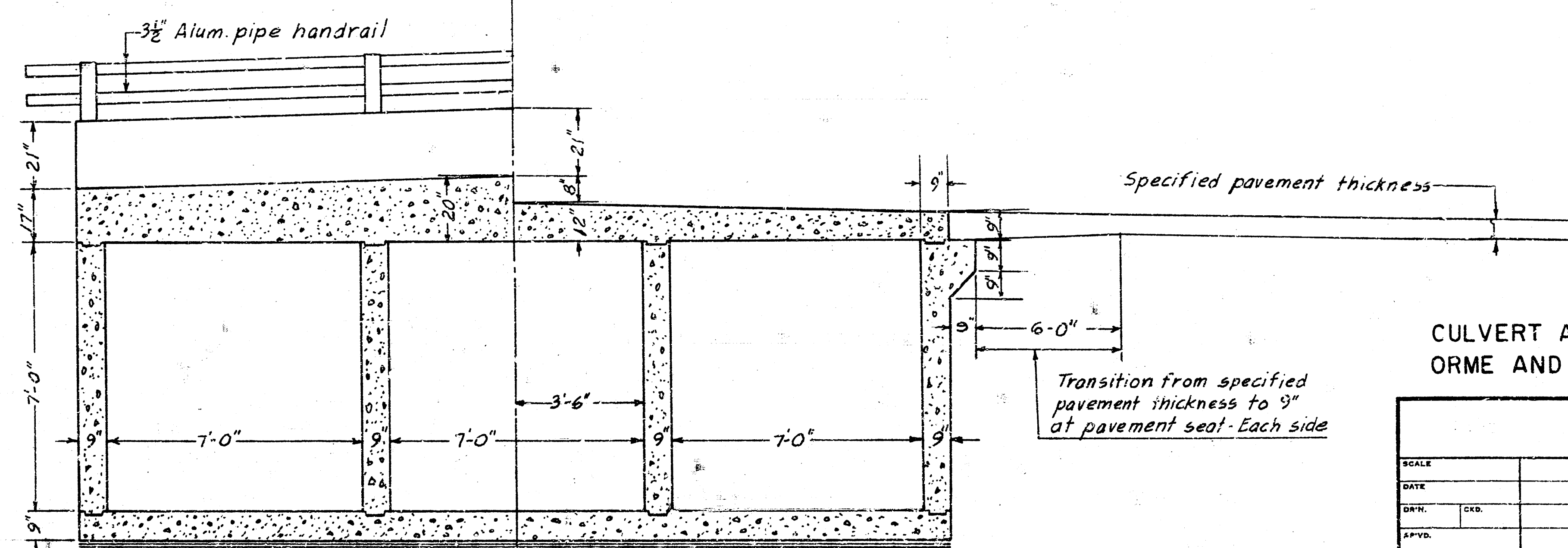
PLAN
INTERSECTION-ORME & ARMOUR



PLAN- R.C.B.C.
Handrail not shown



SECTION A-A

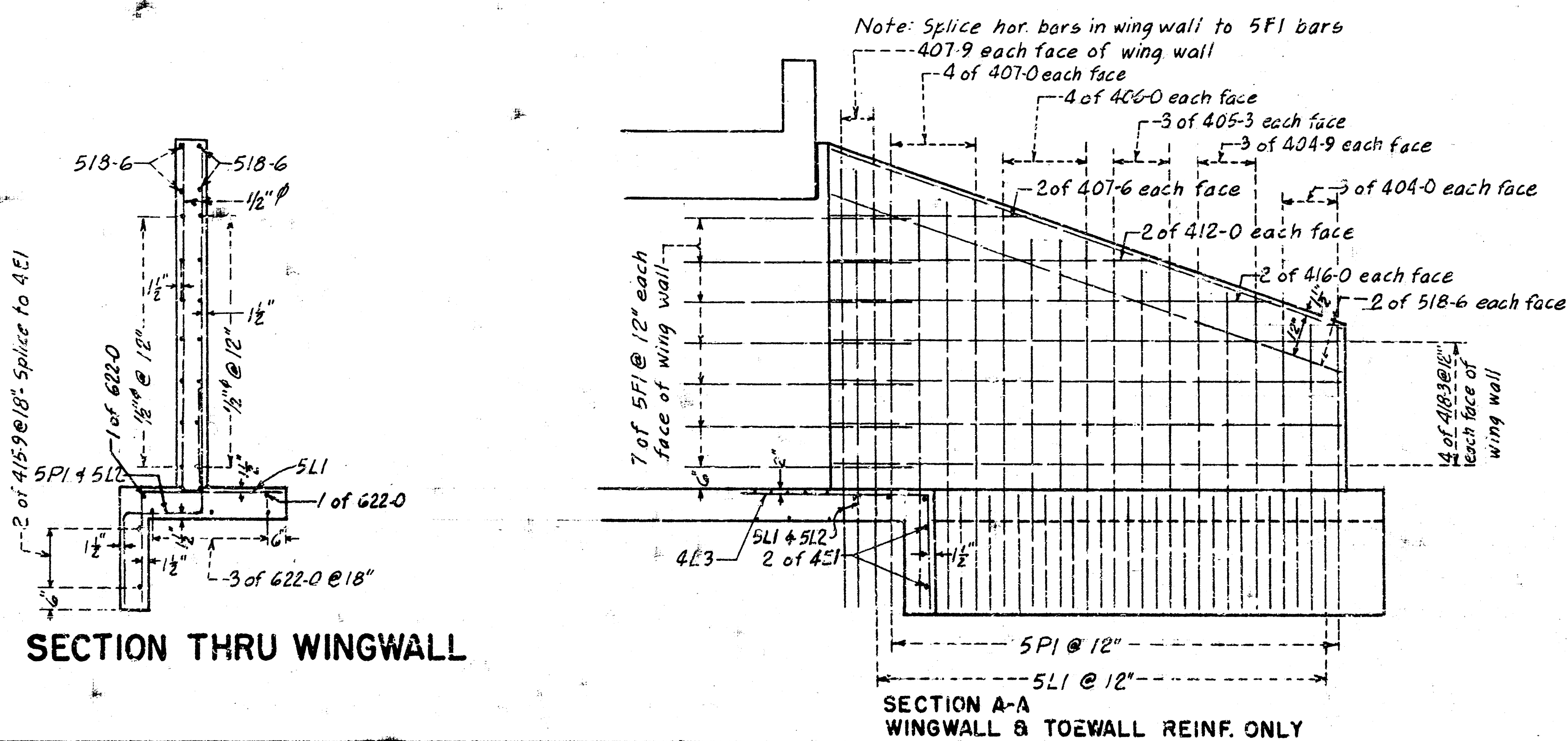
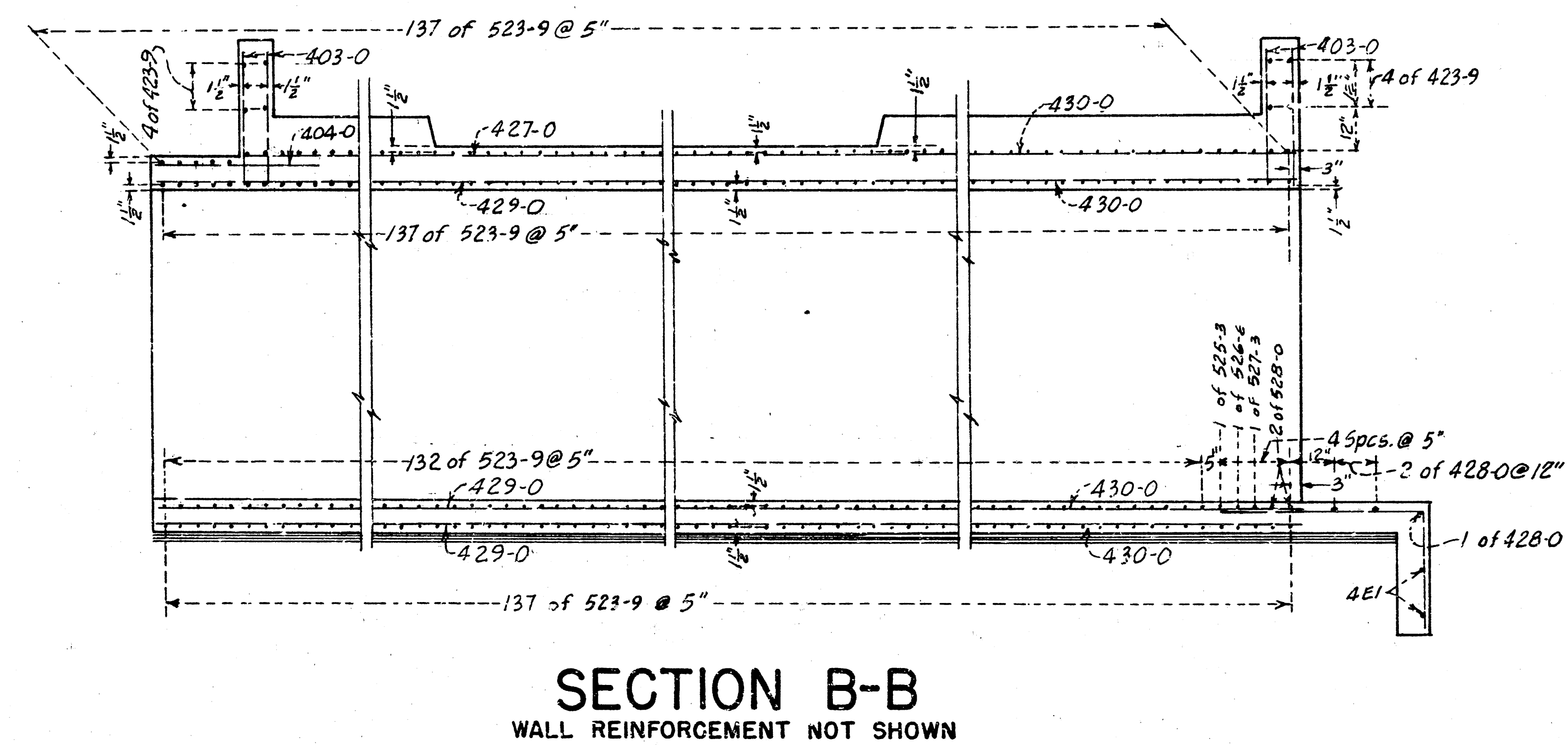
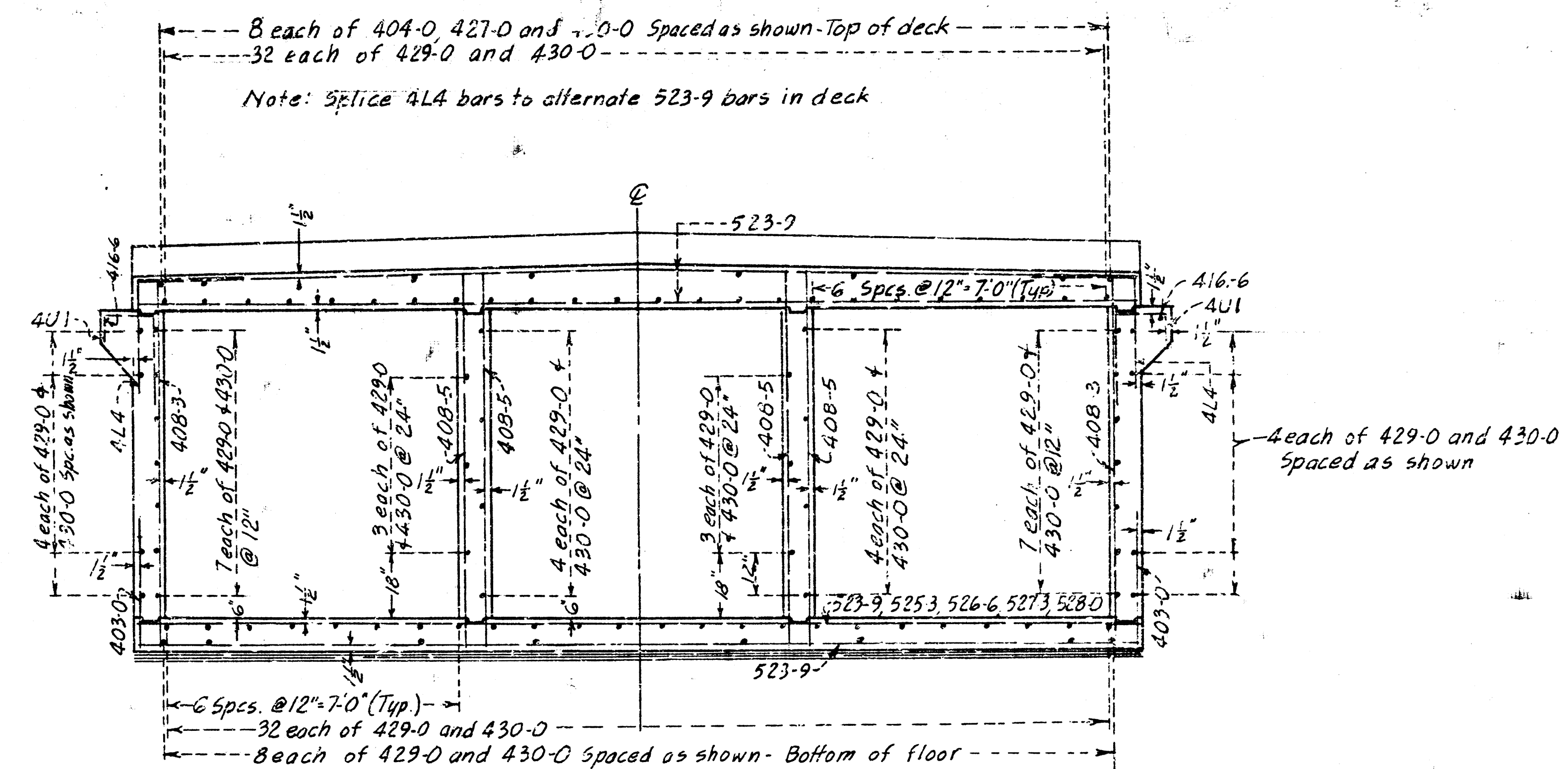
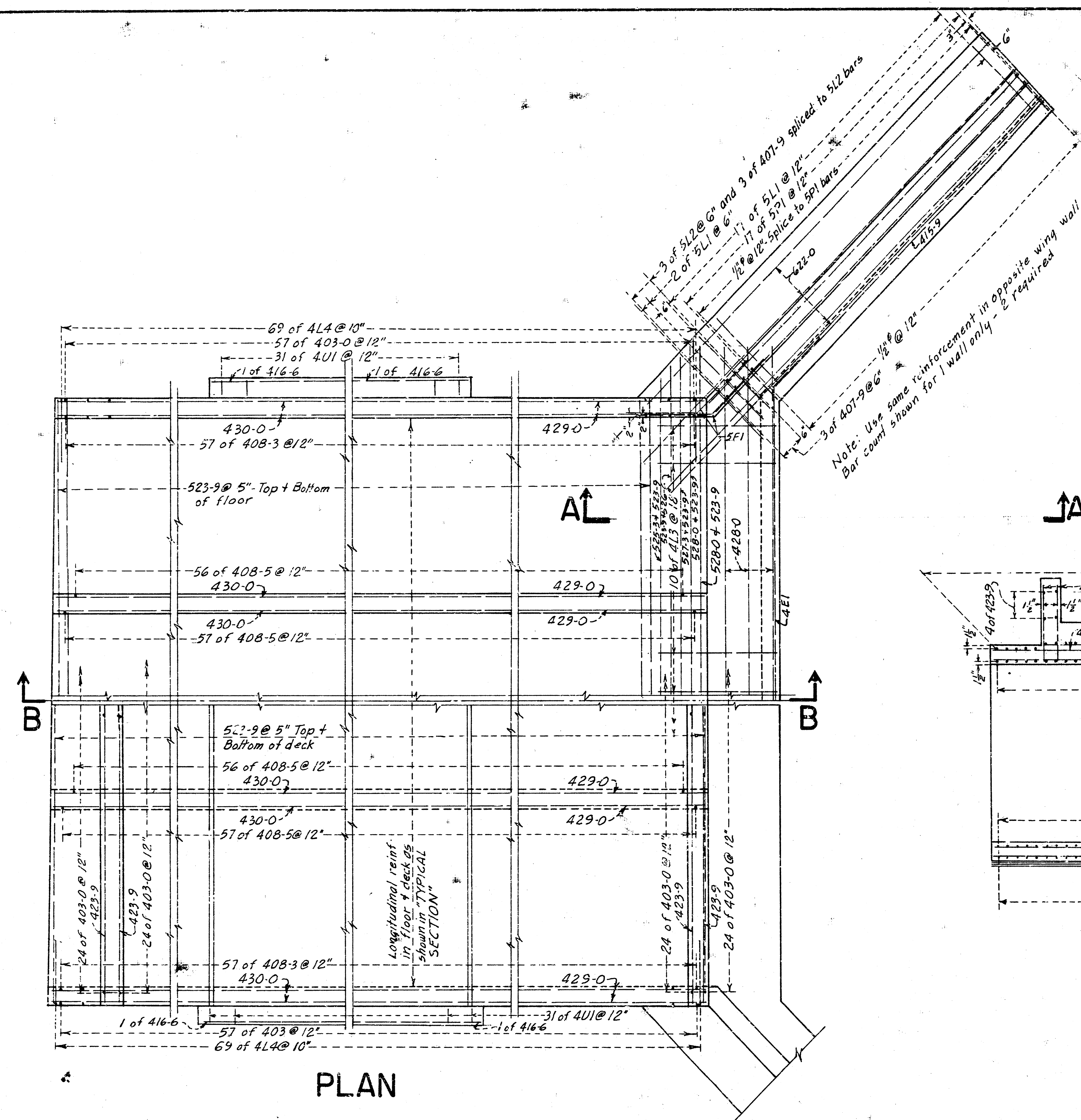


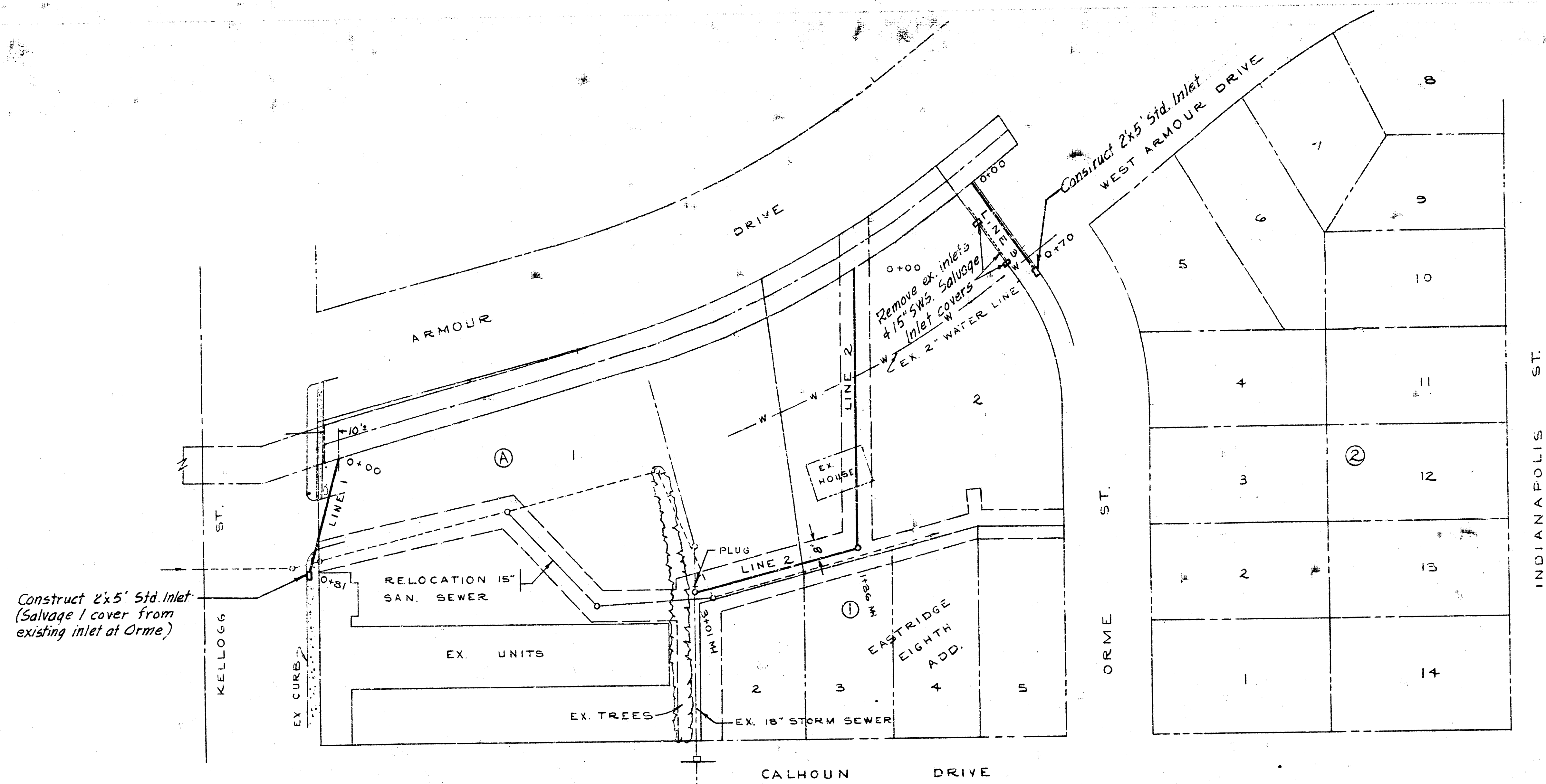
SECTION B-B

CULVERT AND STREET
ORME AND ARMOUR

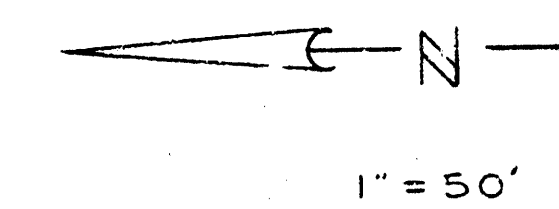
5
10

SCALE	REVISIONS	BY	DATE
DATE			
DESIGN			
APPROVED			
TITLE			

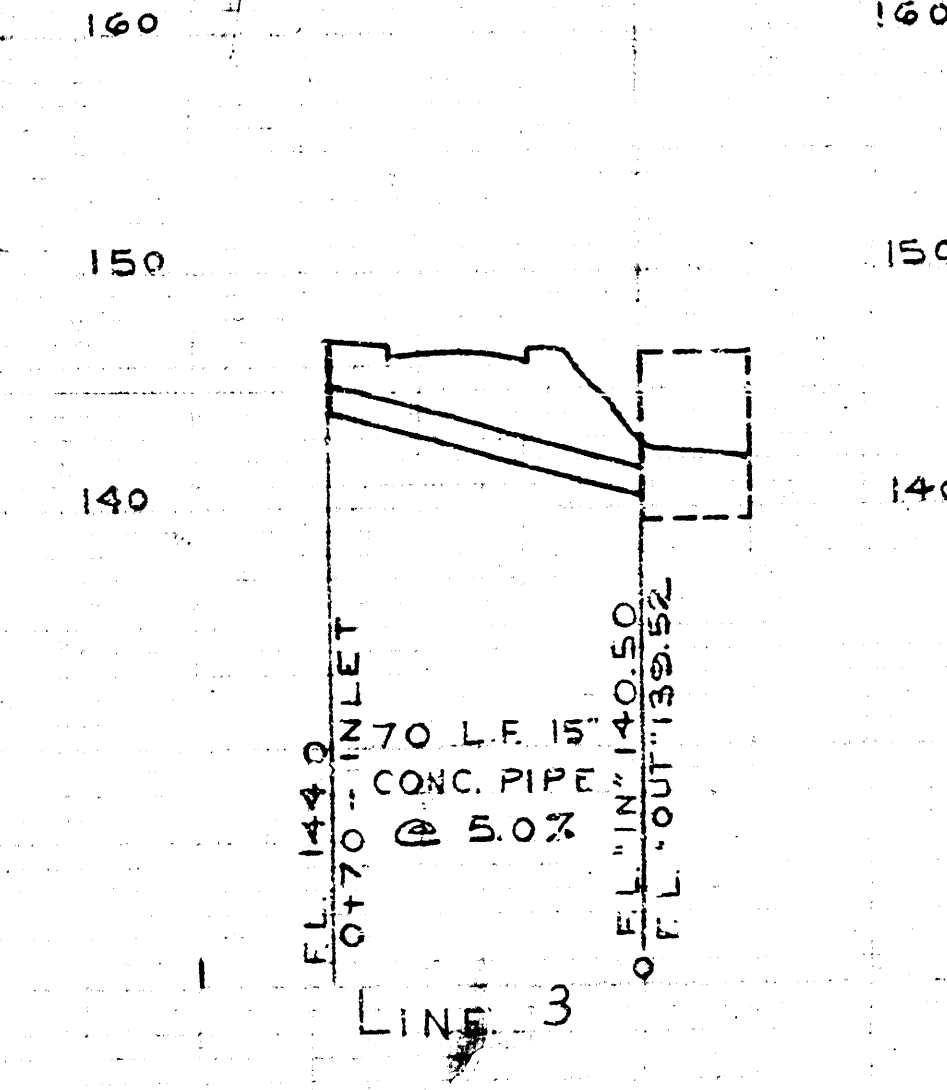
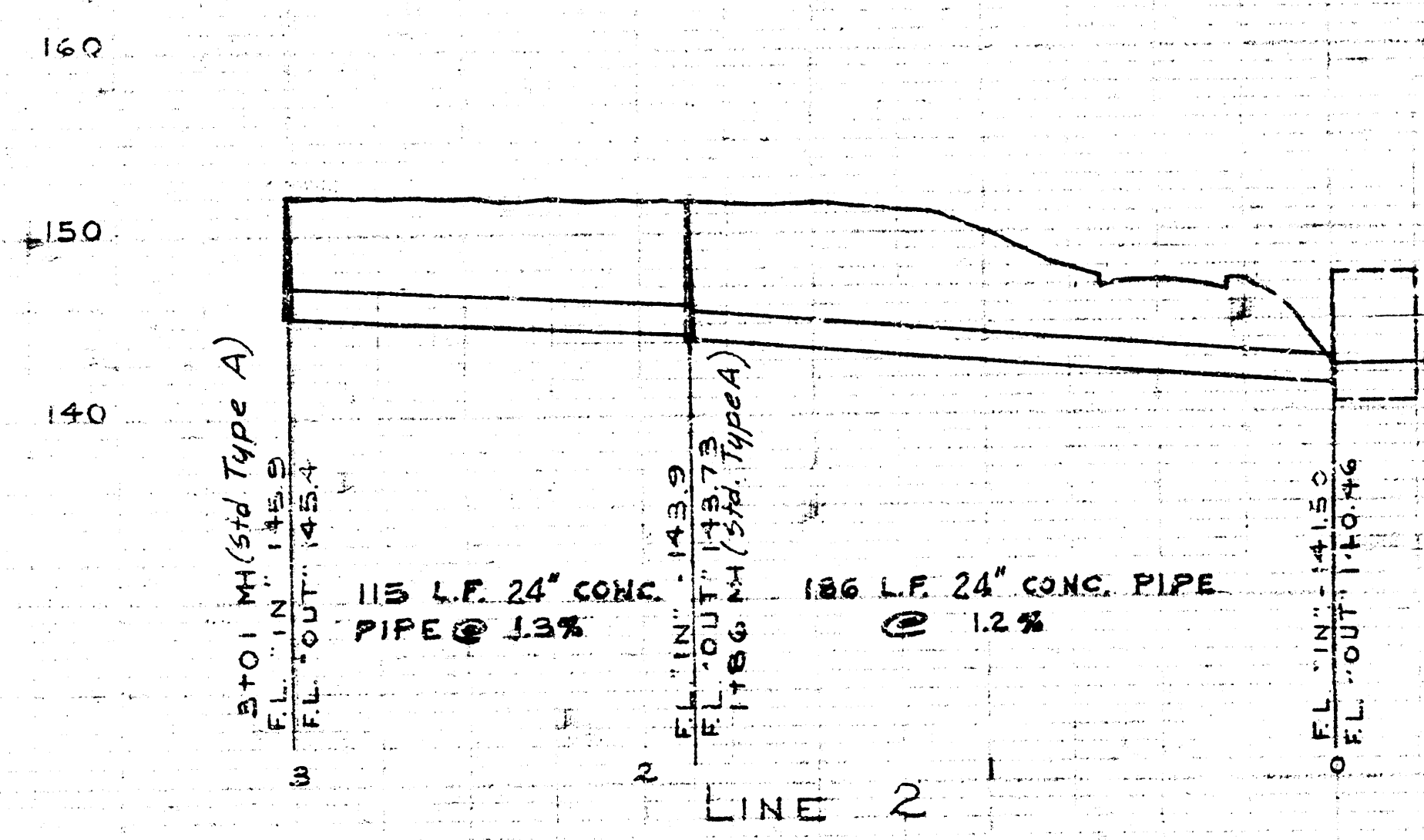
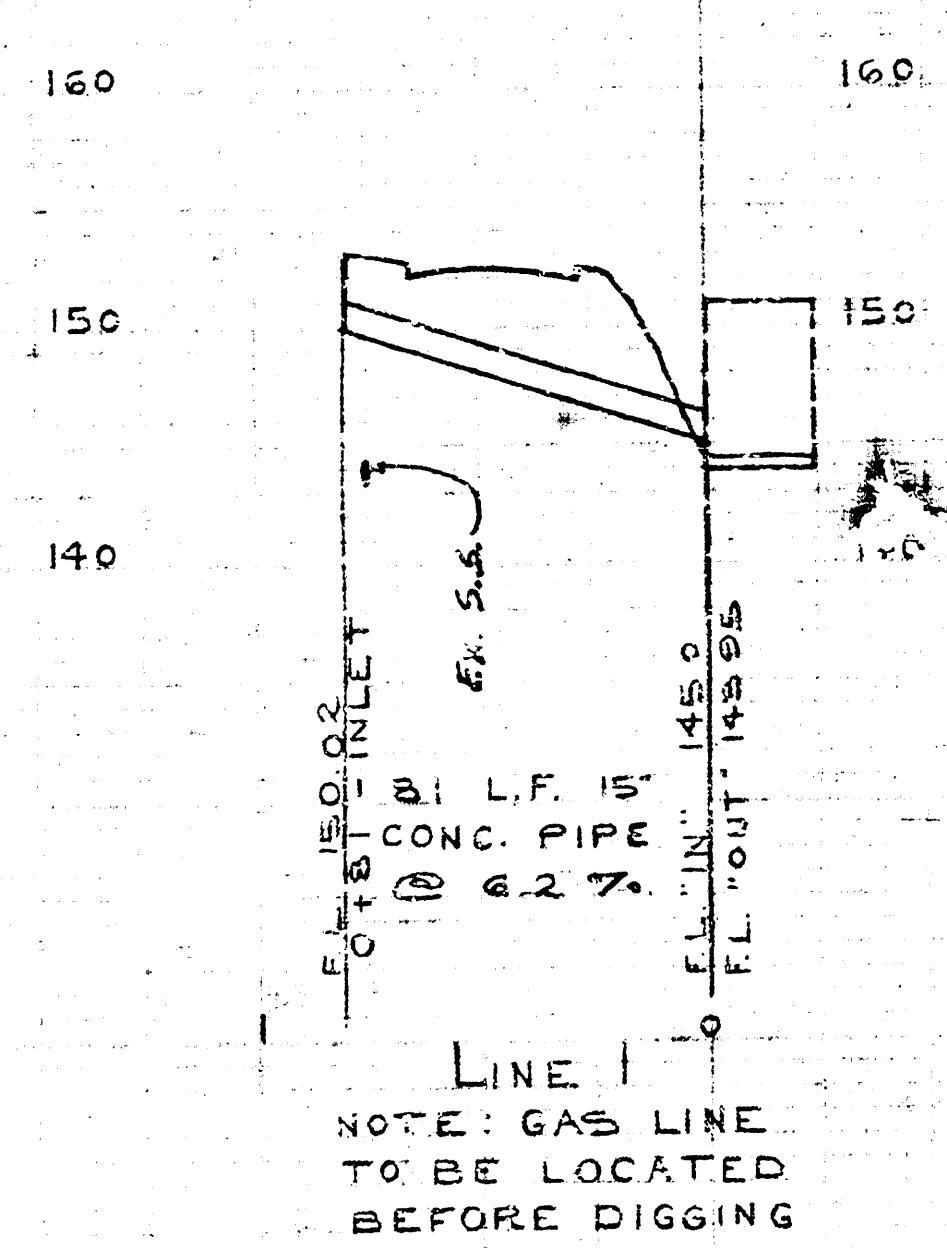


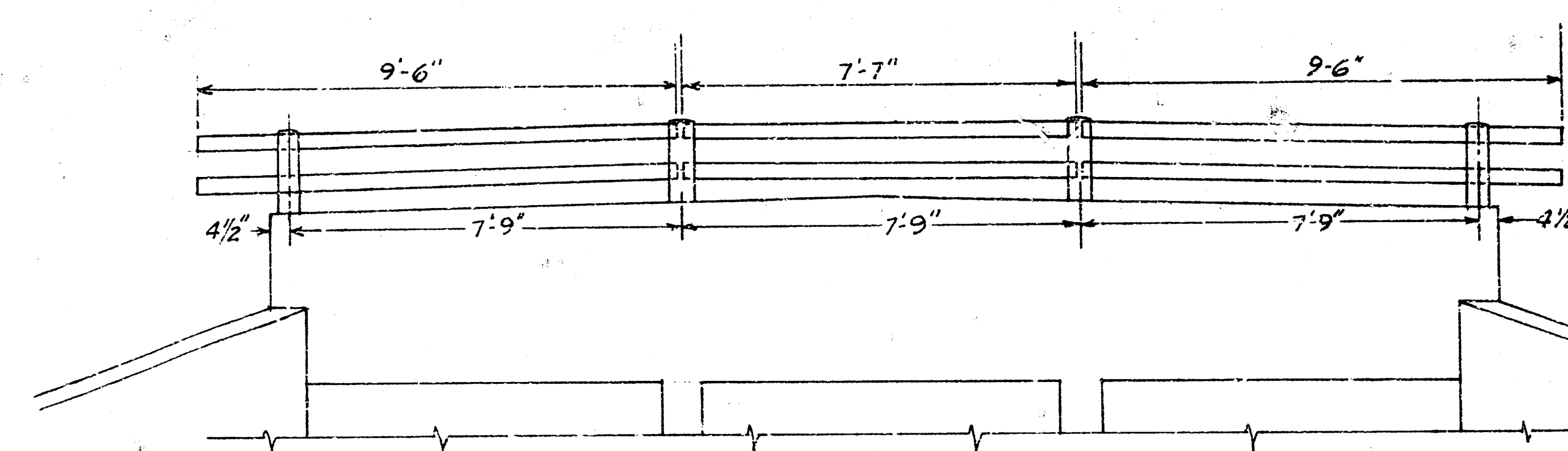


NOTE:
ALL SEWER LINES TO BE BACKFILLED WITH SAND AND FLUSHED.
REMOVE ALL EXISTING SEWERS UNDER PROPOSED BUILDINGS. PLUG OTHERS TO CITY OF WICHITA SPECIFICATIONS.

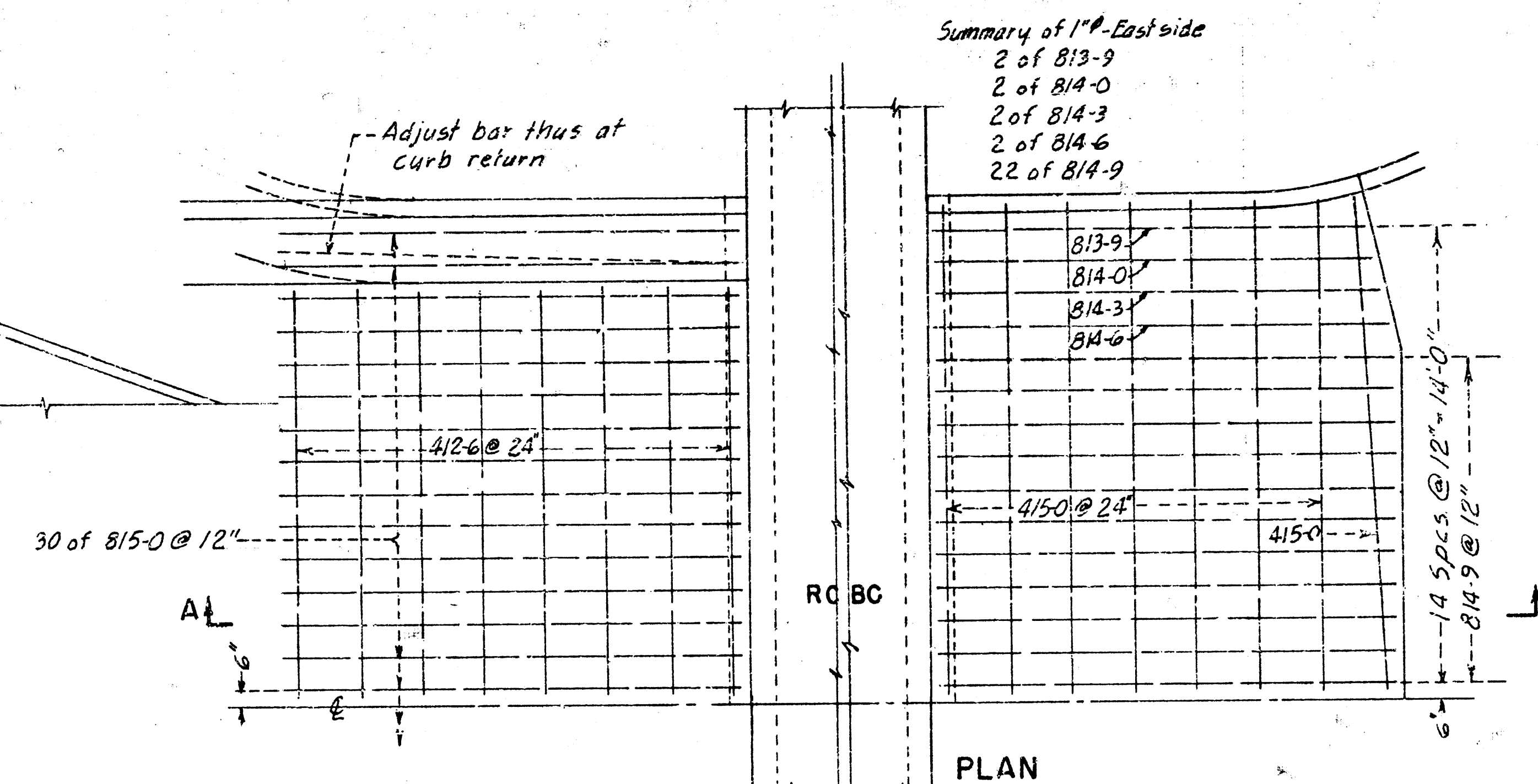


STORM SEWER RELOCATION LIGHTNER ADDITION TO WICHITA, KANSAS





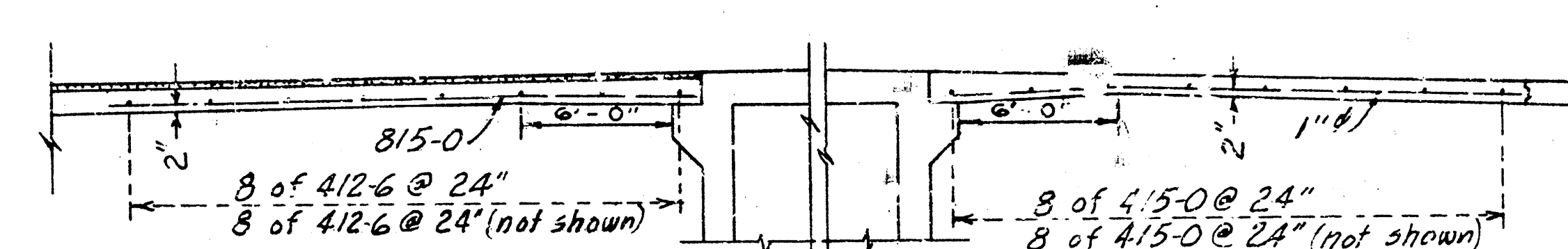
ELEVATION



Summary of 1'-East side
2 of B13-9
2 of B14-0
2 of B14-3
2 of B14-6
22 of B14-9

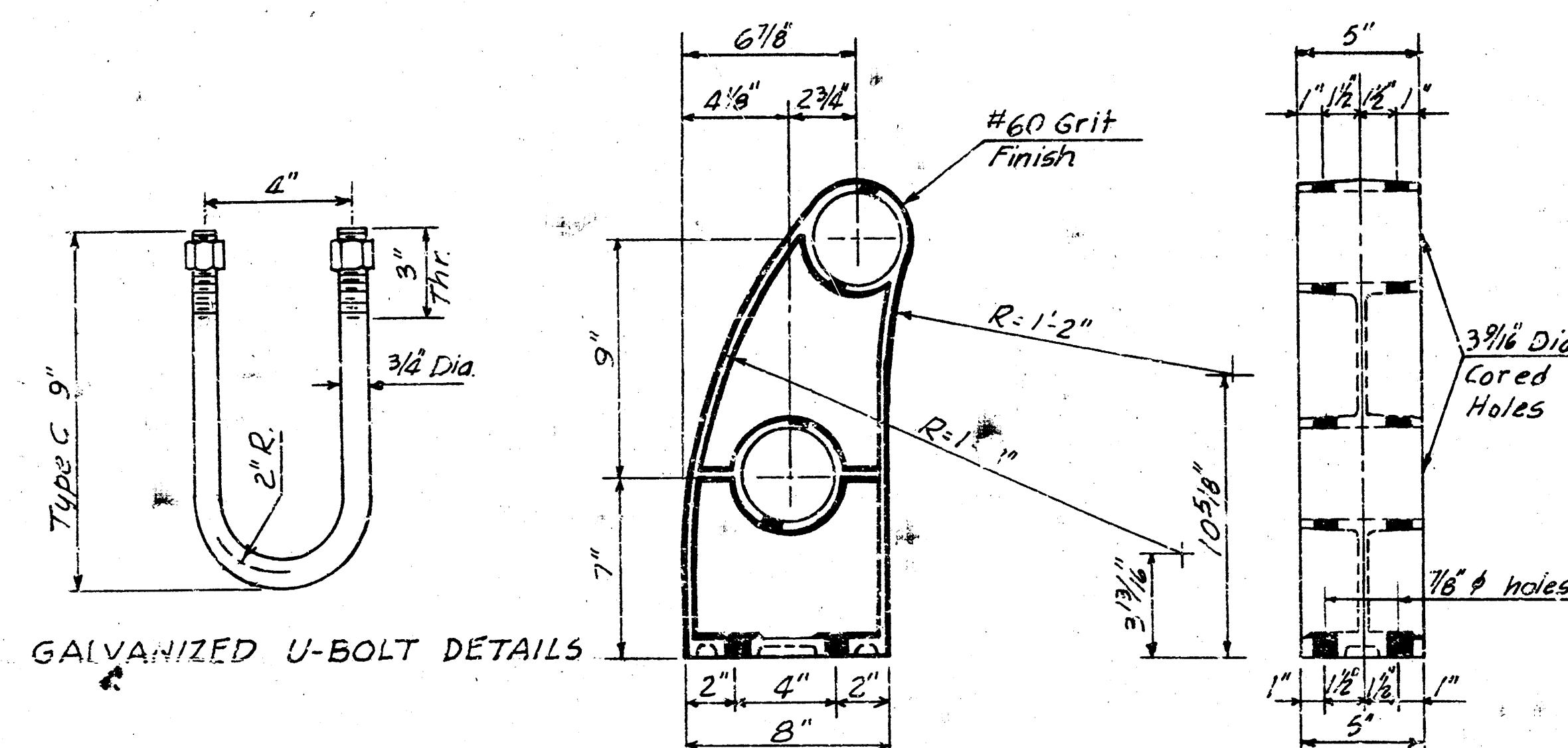
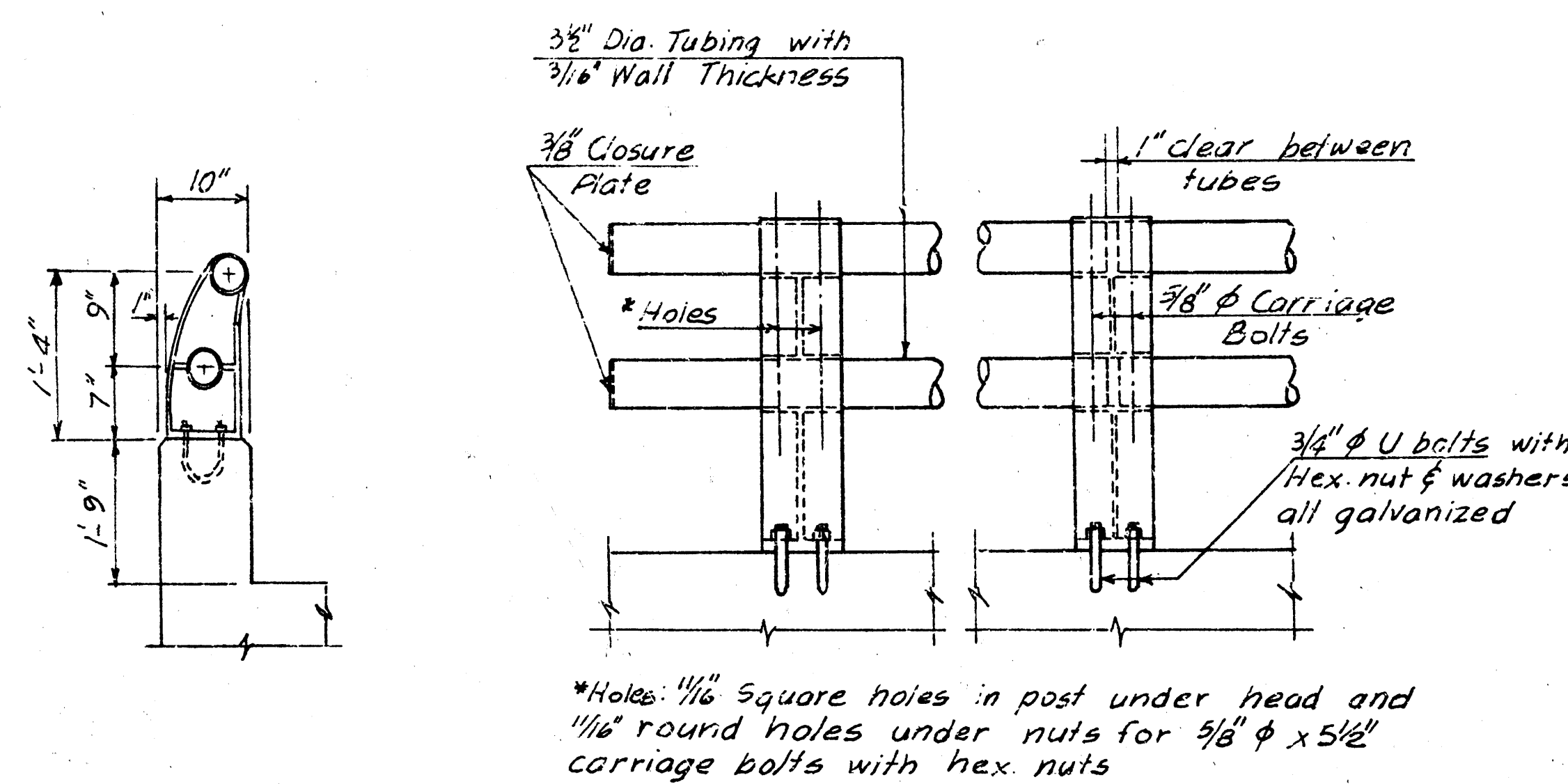
-Adjust bar thus at
Curb return

PLAN



SECTION A-A

SPECIAL PAVEMENT REINFORCEMENT-ORME AT R.C.B.C.



POST FOR TYPE C RAIL

ALUMINUM HANDRAIL DETAILS TYPE C

BENT BARS				
BAR	SIZE	a	b	Length
5L1	5/8"	2'-9"	3'-0"	6'-3"
5L2	5/8"	3'-3"	2'-0"	5'-3"
4L3	1/2"	2'-0"	4'-9"	7'-6"
4L4	1/2"	3'-0"	3'-0"	6'-0"
4L5	1/2"	2'-6"	2'-6"	5'-0"

L- Bar	
45°	24'-9"
45°	24'-9"
4E1 Bar	
Size-1/2" Length-28'-9"	

3'-0"	3'-0"
45°	45°
5F1 Bar	
Size-5/8" Length-6'-0"	

2'-3"	2'-3"
24"	24"
5P1 Bar	
Size-5/8" Length-7'-6"	

15"	15"
24"	24"
4U1 Bar	
Size-1/2" Length-3'-11"	

Minimum radius for bar bends shall be 4 bar diameters

CULVERT & PAVEMENT
ORME & ARMOUR

10
10

SCALE	REVISIONS	BY	DATE
DATE			
DRW.	CLD.		
APPRO.			
TITLE	2	1	5

