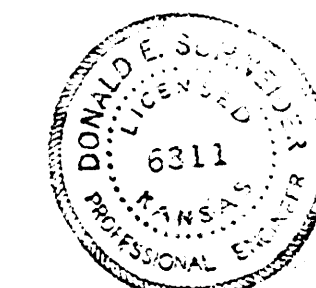
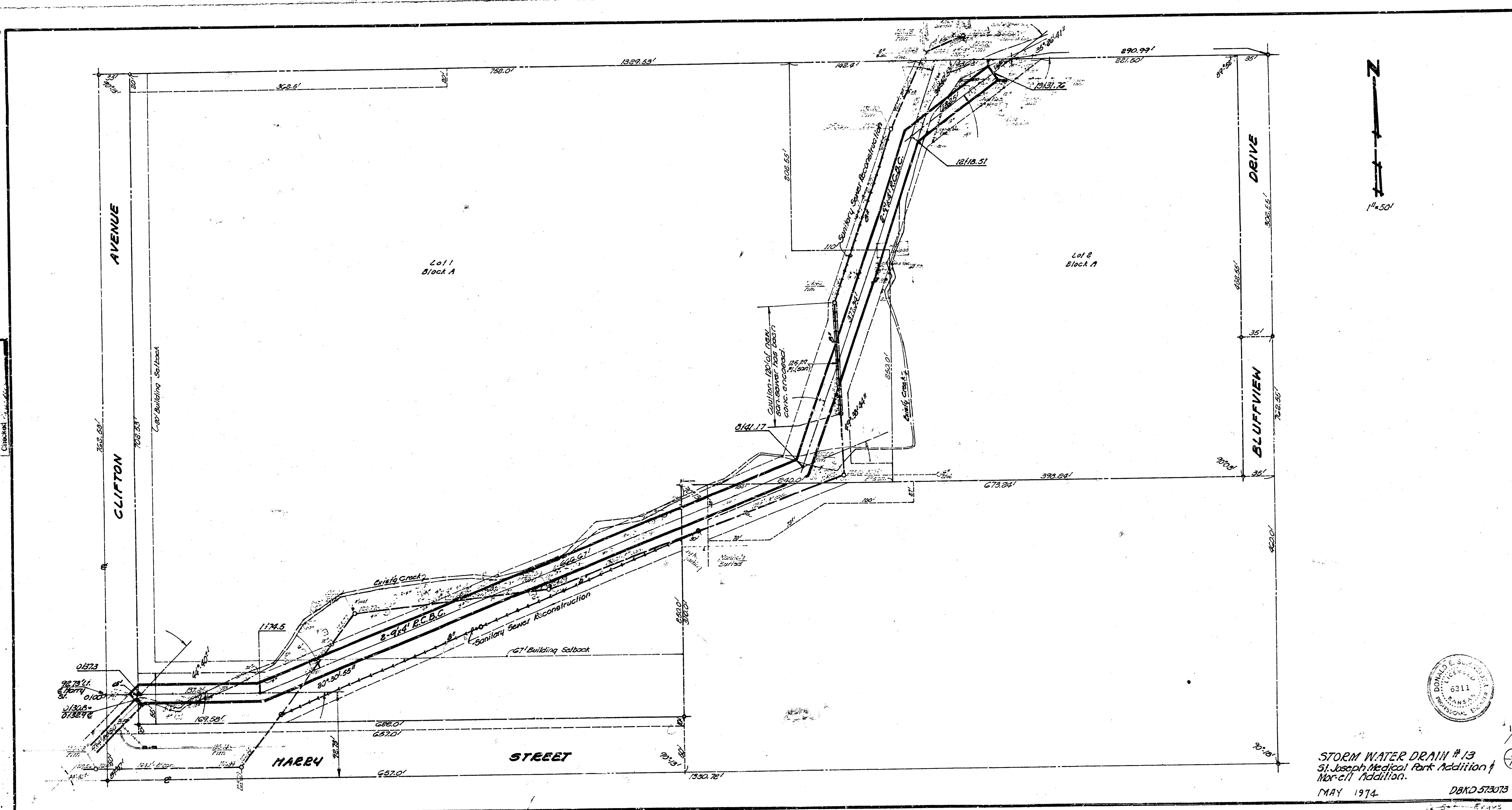
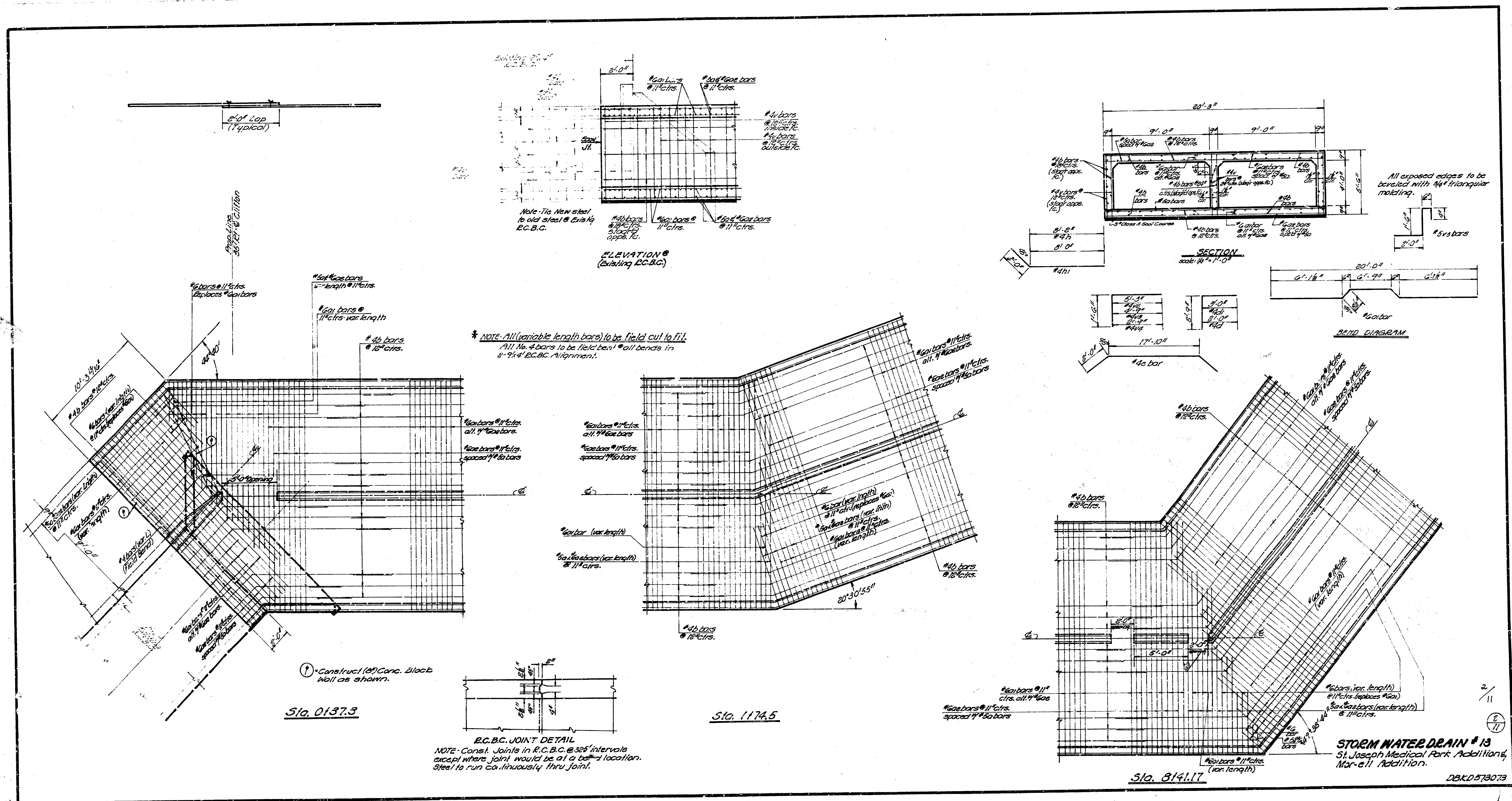


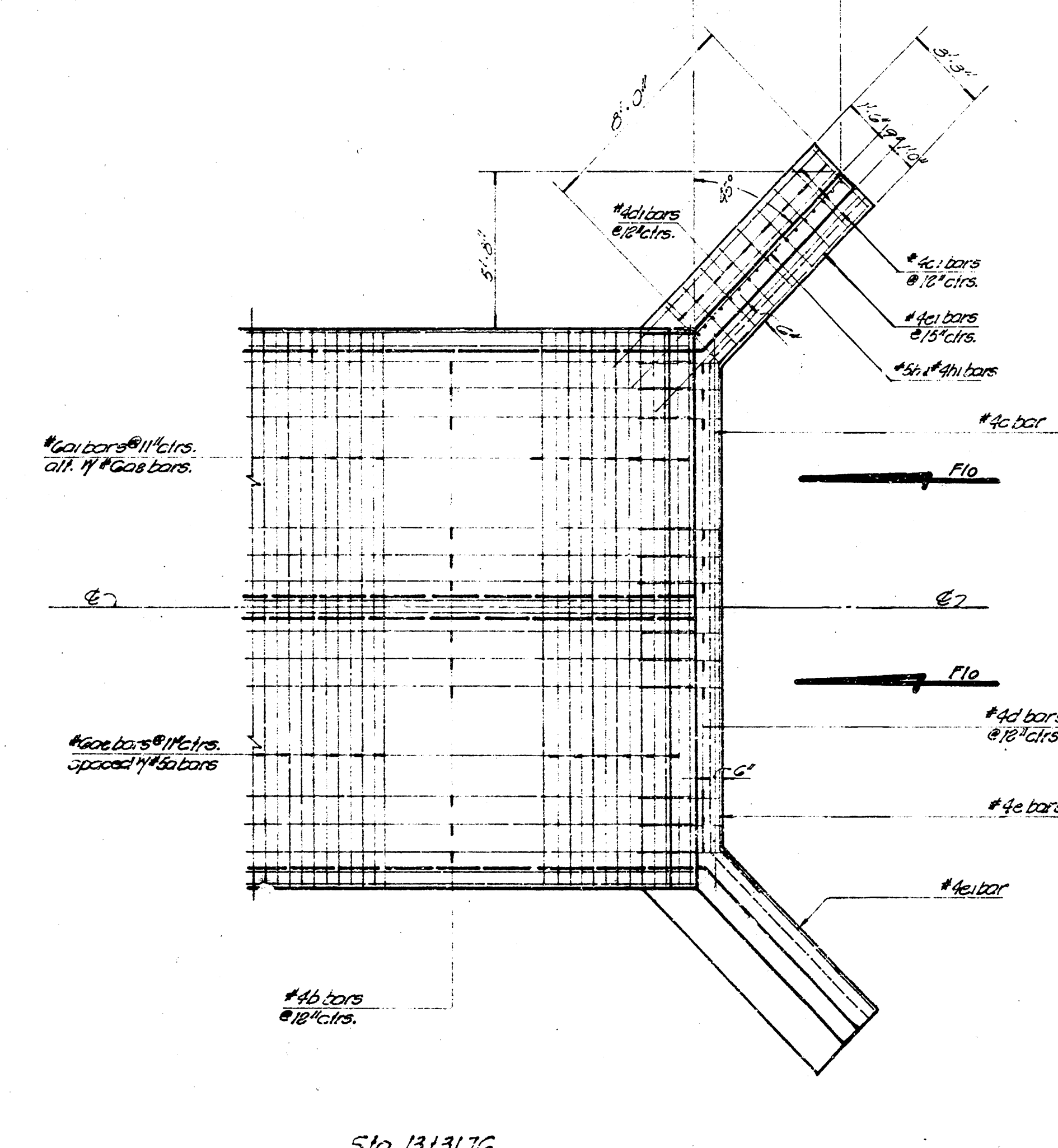
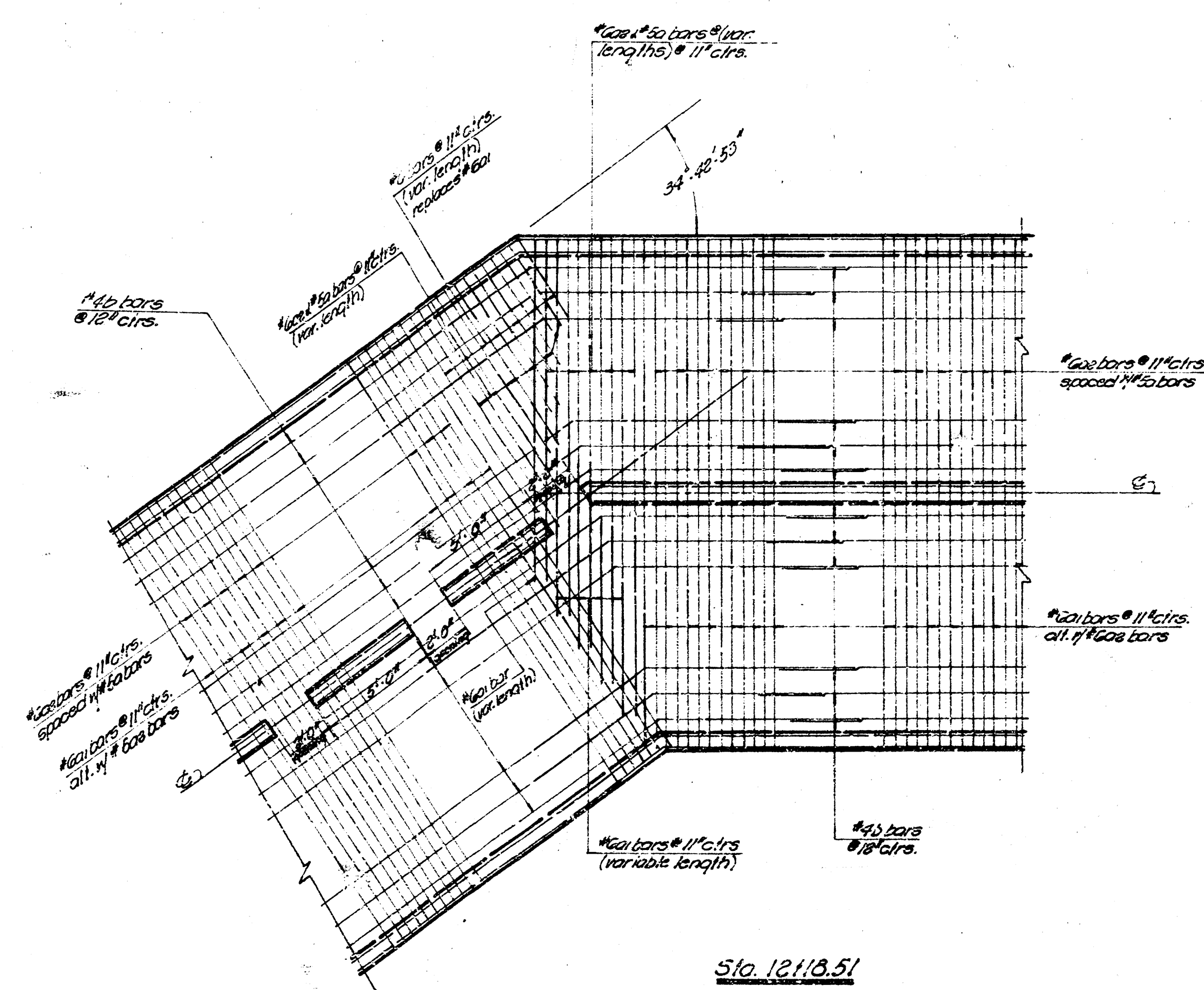
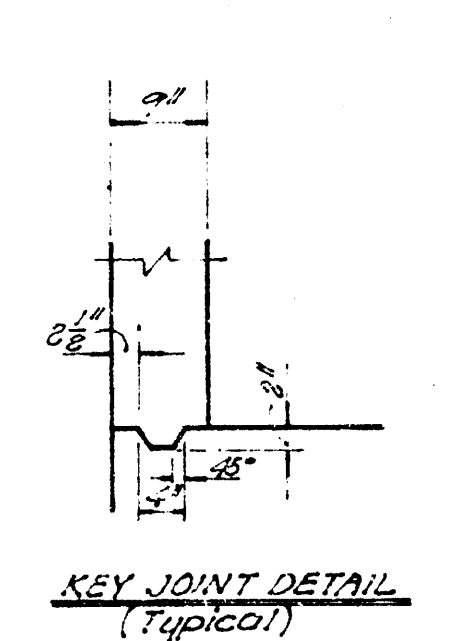
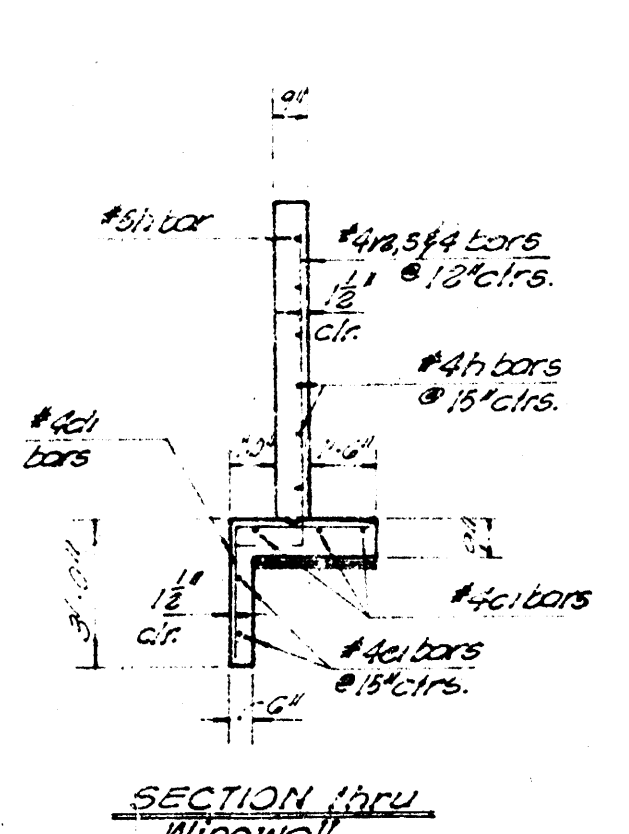
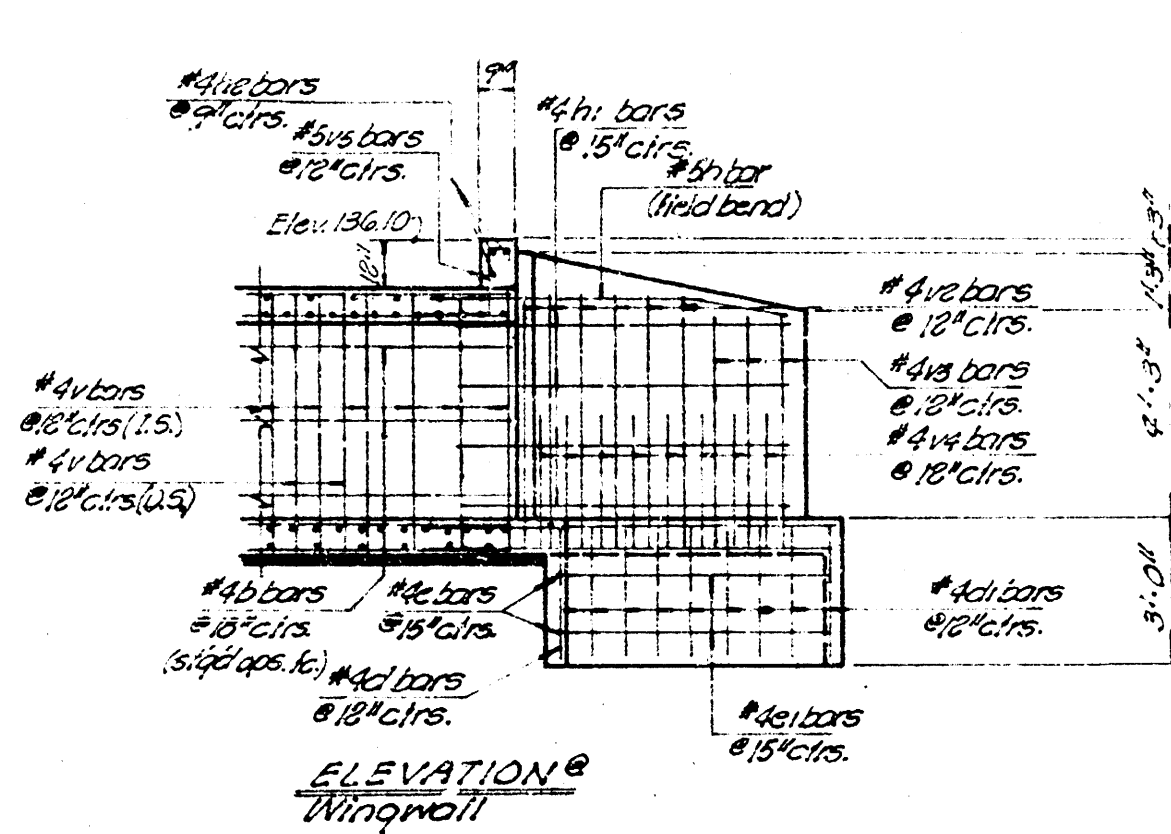
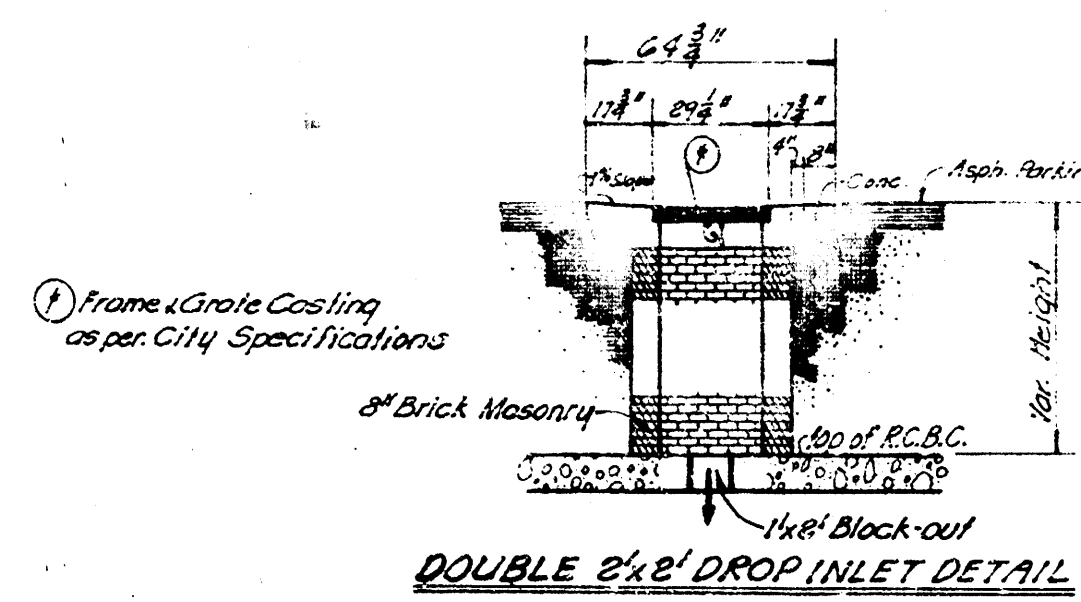
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 Plan
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STORM WATER DRAIN #13
 St. Joseph Medical Park Addition
 Morrell Addition
 MAY 1974
 D9KD-573073



- GENERAL NOTES
1. CLASS A-E CONCRETE - SHALL BE USED THROUGHOUT CULVERT CONSTRUCTION. ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATIONS.
 2. EARTHWORK - ALL EARTH WORK SHALL BE CONSIDERED AS "COMMON EXCAVATION" EXCEPT FOR THE WALL EXCAVATION SHALL BE INCLUDED IN LUMP SUM BID OF R.C.S.C. ALL MATERIALS SUITABLE FOR BACKFILL TO REMAIN ON PROJECT.
 3. BACKFILL - SHALL BE COMPACTED TO TOP OF NEW STRUCTURE. ALL BACKFILL AND EXCAVATION TO EXTEND TO (2') BEYOND WALLS OF BOX AND WING WALLS. BACKFILL OF WING WALLS TO BE FREQUENTLY HAND TAMPED OR EQUAL AS DIRECTED BY FIELD ENGINEER. THIS WORK TO BE CONSIDERED AS PART OF C.Y. CONTRACTED FILL AND WILL BE INCLUDED IN "LUMP SUM BID" OF R.C.S.C.
 4. SEAL COURSE - CONSISTING OF (3") CLASS (A) CONCRETE SHALL BE CONSTRUCTED ONLY WHERE SPECIFIED ON PLANS OR BY THE ENGINEER. NO REINFORCING STEEL SHALL BE PLACED UNTIL SEAL COURSE HAS GAINED SUFFICIENT STRENGTH TO PERMIT WORKING UPON IT WITHOUT INJURY. THIS ITEM SHALL BE PAID AS PLAN QUANTITY IF USED.
- BIDDING OF CULVERT - THE CULVERT SHALL BE BUILT AS A "LUMP SUM BID" EXCEPT FOR THE FOLLOWING ITEMS: CLASS (A) CONCRETE, DOUBLE 2' x 2' INLETS, CLEARING OF RIGHT-OF-WAY. THE INSTALLATION OF STEEL CUTS FOR STORM WATER LEADS TO BE CONSIDERED A PART OF THE LUMP SUM BID OF R.C.S.C. THE ITEMS IN THE "BILL OF MATERIALS" AND THE "BAR SCHEDULE" ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR IS TO VERIFY CAREFULLY THE QUANTITIES AND THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR WILL HAVE FULL RESPONSIBILITY FOR PROVIDING ALL MATERIALS SHOWN ON THE DETAILED PLANS NECESSARY TO COMPLETE THIS PROJECT.



SUMMARY OF QUANTITIES

CLASS A-E CONCRETE	1924.05 cu. yds.
COMMON EXCAVATION	8512.2 cu. yds.
COMPACTED BACKFILL	1529.9 cu. yds.
REINFORCING STEEL	316,620.0 lbs.
DOUBLE 2' x 2' INLETS	3 each
CLEARING OF RIGHT-OF-WAY	245.0 cu. yds.
CLASS (A) CONCRETE (SEAL COURSE)	19.3 lbs. ft.
CONCRETE BLOCK WALLS	

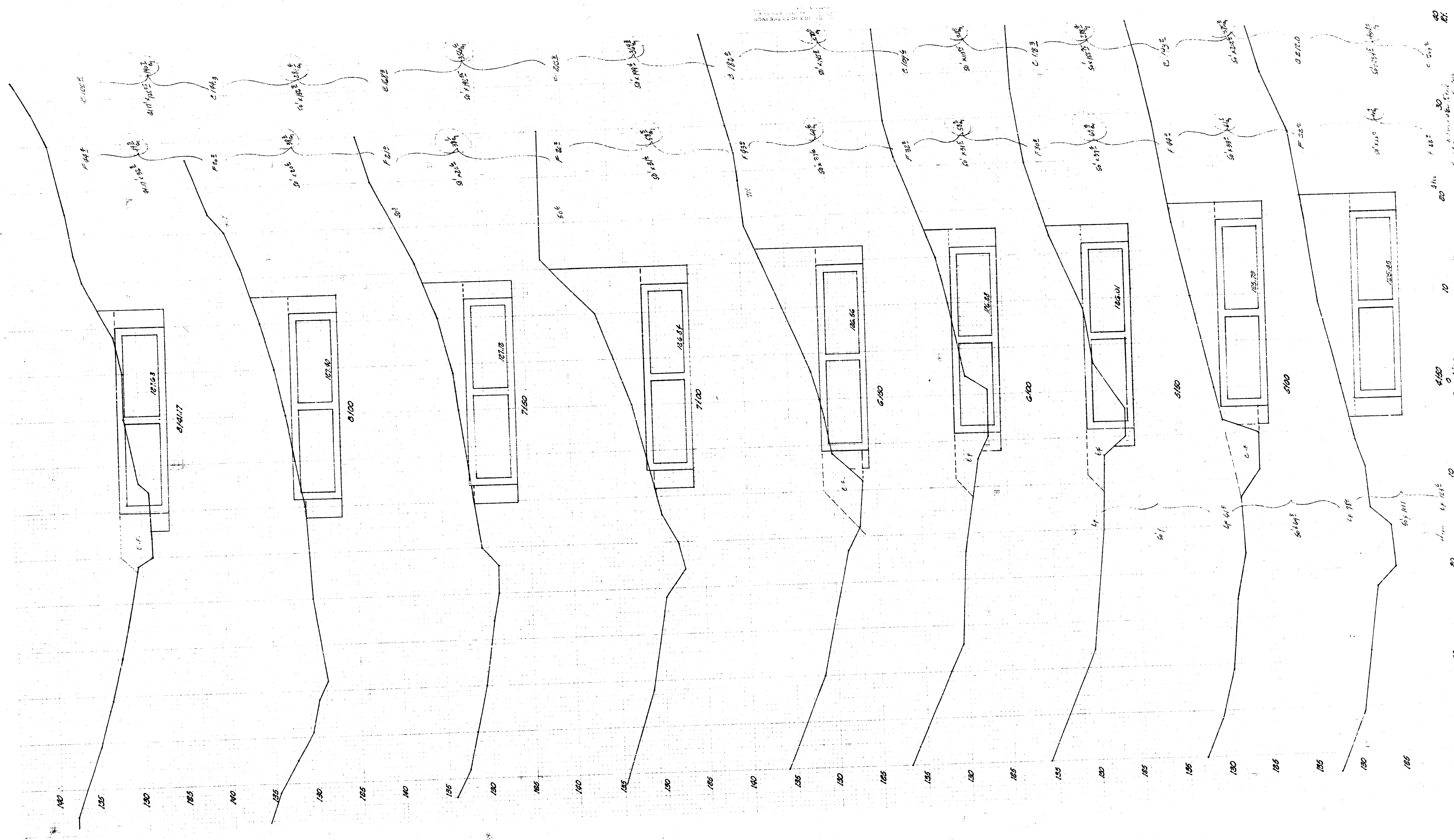
BAR SCHEDULE

TYPE	SIZE	NO.	LENGTH	SHAPE	POUNDS
a	5	2788	20' - 0"		58,137.6800
a1	6	2796	20' - 0"		83,751.6700
a2	6	2788	20' - 0"		83,751.5200
b	4	2680	34' - 0"		61,763.2800
c	4	1	20' - 0"		13.3600
c1	4	6	11' - 0"		44.0880
d	4	18	4' - 0"		57.1140
d1	4	18	5' - 0"		69.1380
e	4	2	21' - 10"		29.1693
e1	4	4	8' - 0"		21.3760
f	5	2	10' - 0"		21.2077
h1	4	8	10' - 0"		53.4400
h2	4	3	20' - 0"		40.0800
v	4	6533	5' - 0"		22,911.2310
v2	4	12	6' - 0"		54.1080
v3	4	6	6' - 0"		25.0500
v4	4	16	4' - 0"		45.4240
v5	5	21	4' - 0"		94.9130
a	5	100	var.		1129.7428
a1	4	var.			694.6750
a2	6	100	var.		1626.9152
Extra Steel	6	38	var.		276.1150

G.T. = 316,619.2960 lbs.
= 158,3096 tons

STORM WATER DRAIN #13
St. Joseph Medical Park Addition
Herrell Addition.

0820573073



8-94-PCAC in connection
 with the proposed Medical Park Addition
 Storm Water Drain #15 DWD52072

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