

2-7' x 5.5' R.C.B.C.

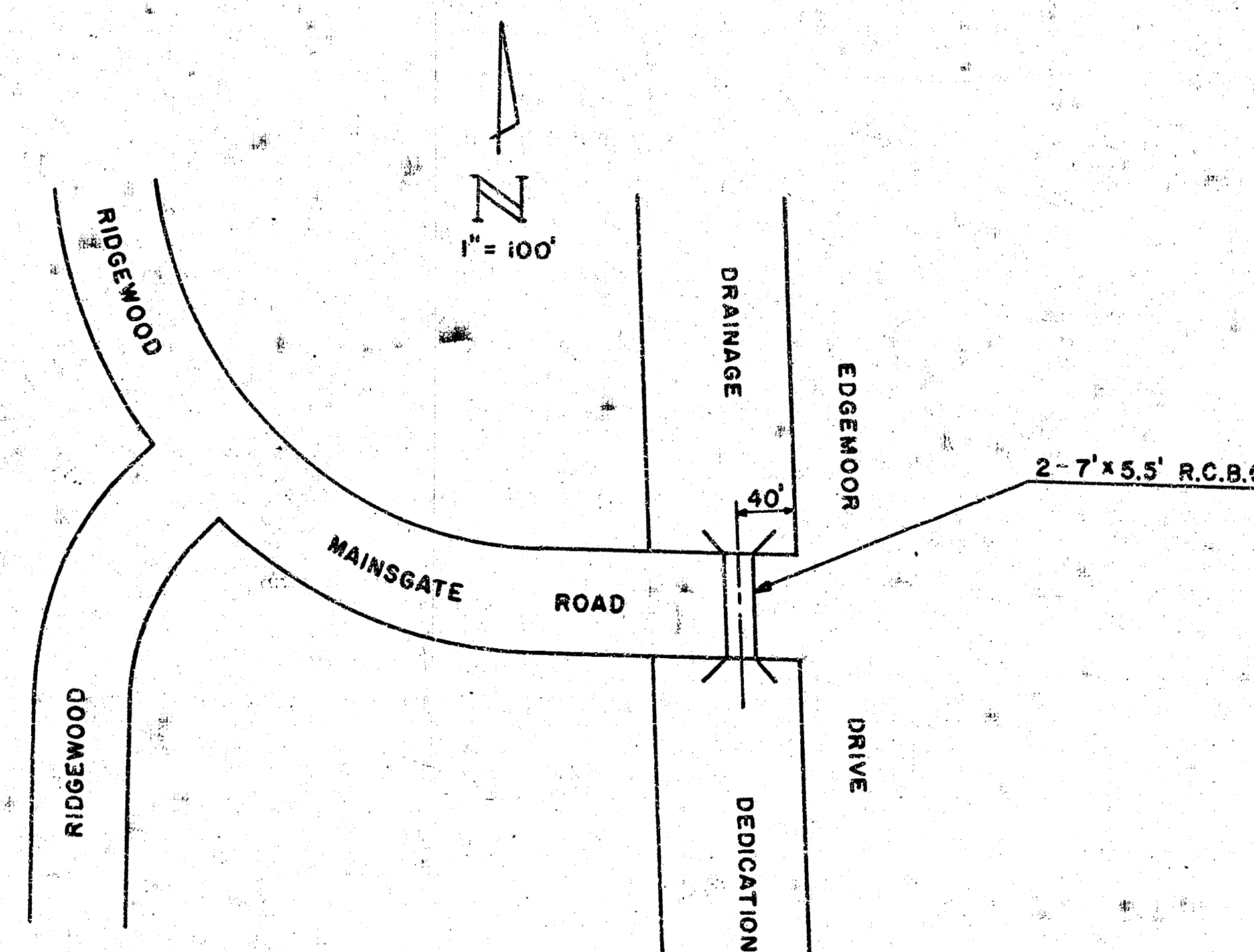
MAINSGATE ROAD
WOODLAWN PLACE 5th ADDn

CITY OF WICHITA, KANSAS

D.S. SELLERS CITY ENGINEER

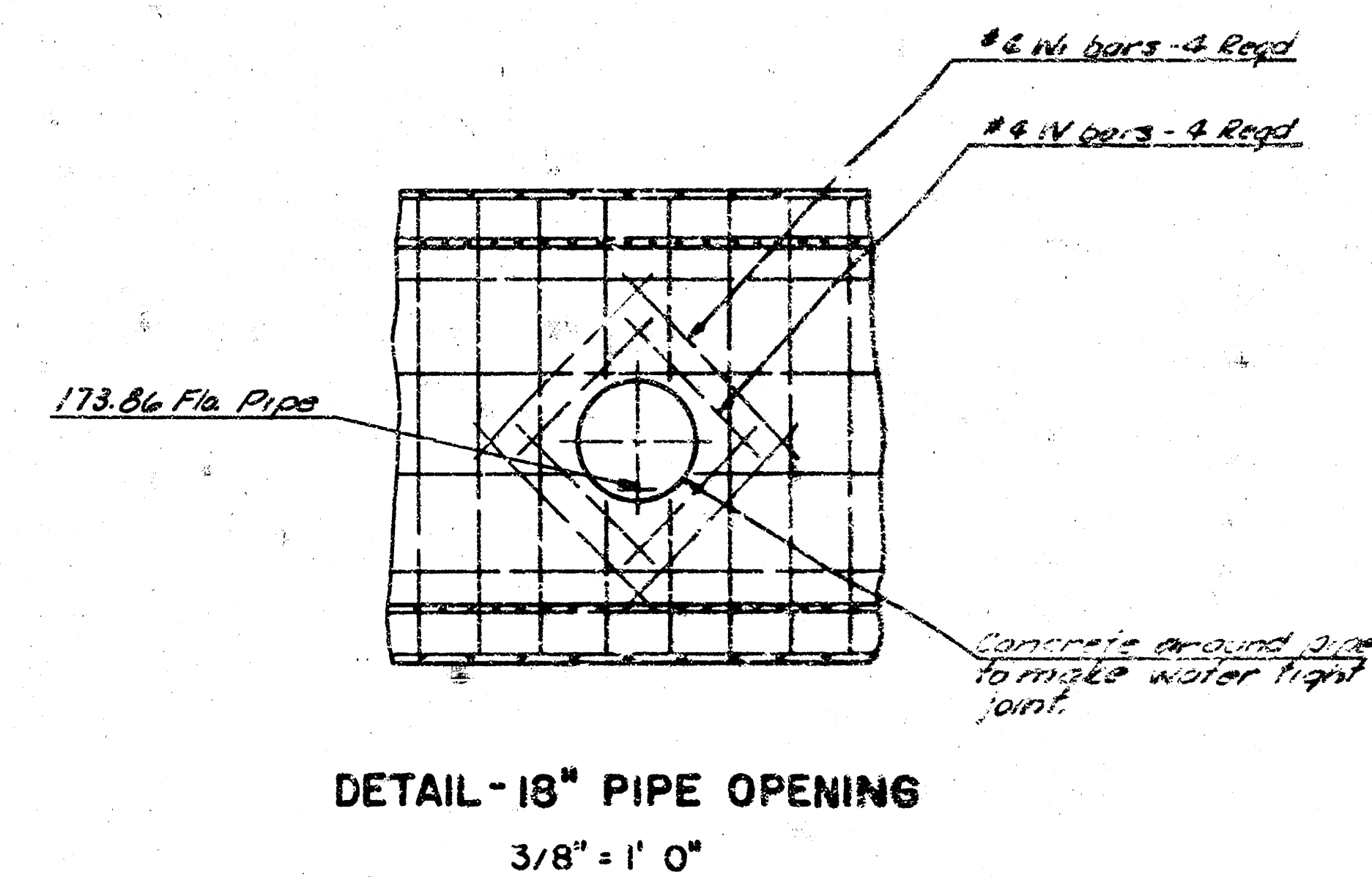
PROJ. NO. 472 76 245 80874 000 000 004

DATE:

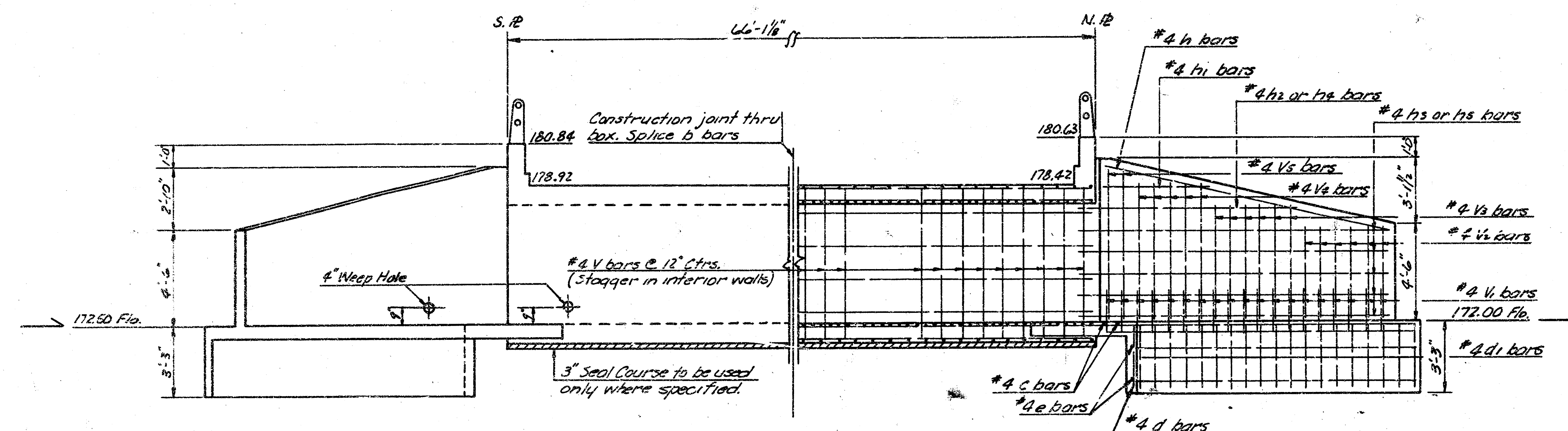


LOCATION MAP

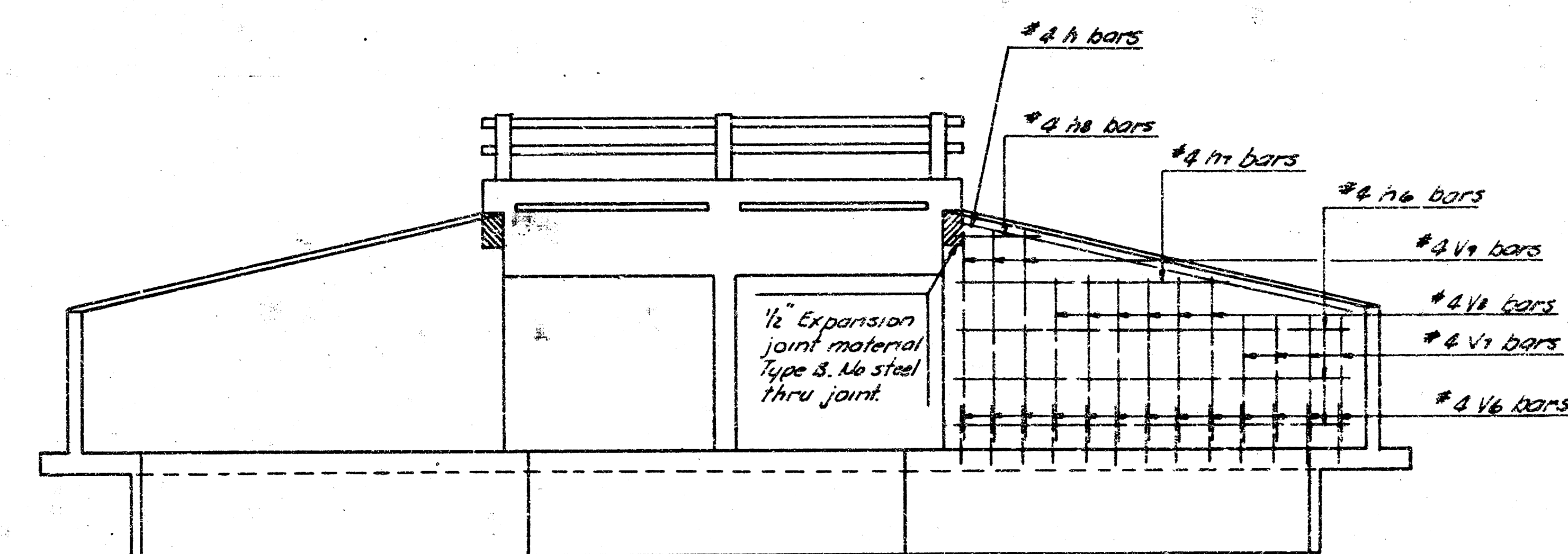
Survey D.C.D. 84 D.C.D. 161
Plan D.E.C.
Exc
Checked



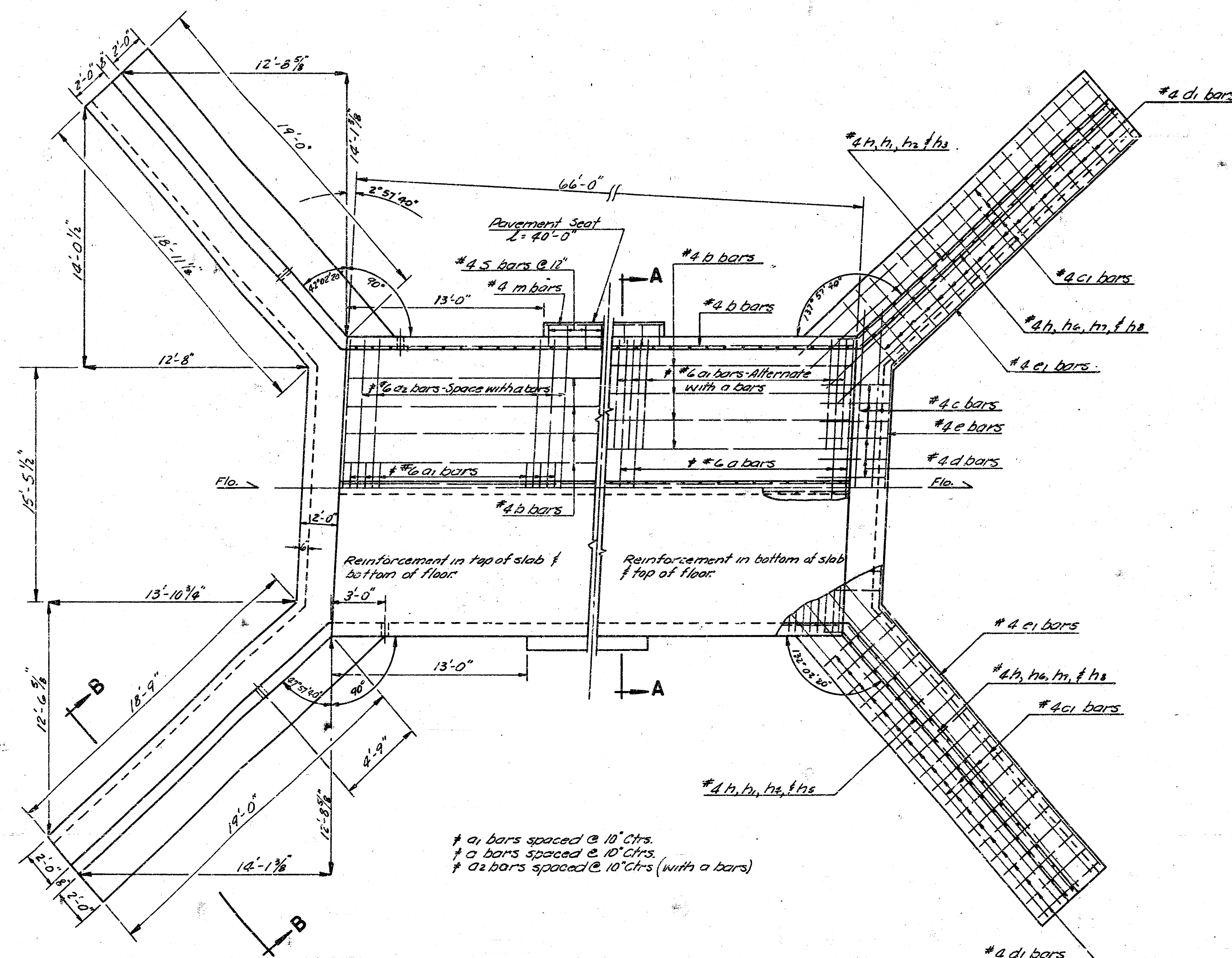
2-7'x5.5' R.C.B.C.
MAINS GATE ROAD
WOODLAWN PLACE 5th ADDn
3/4
PROJ. NO. 472 75 245 80874 000 000 004



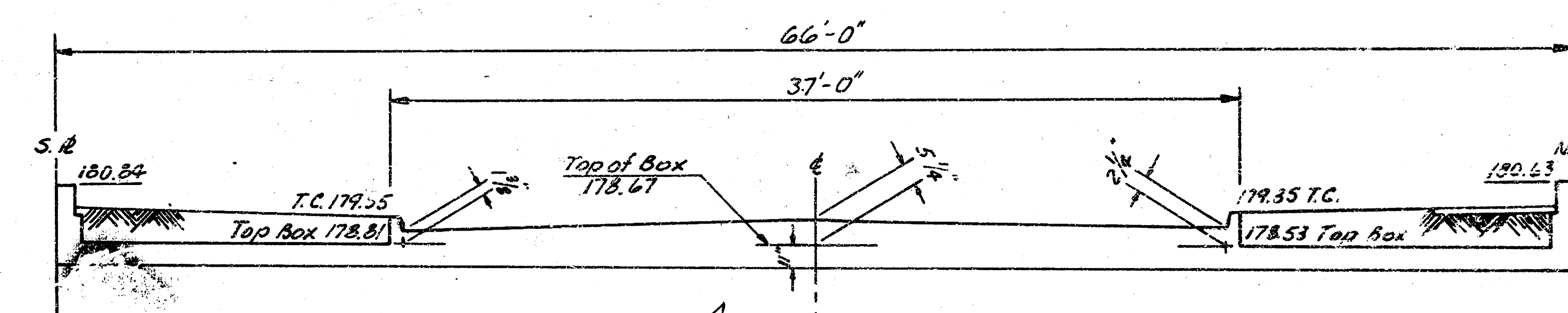
ELEVATION AND SECTION
1/4" = 1' 0"



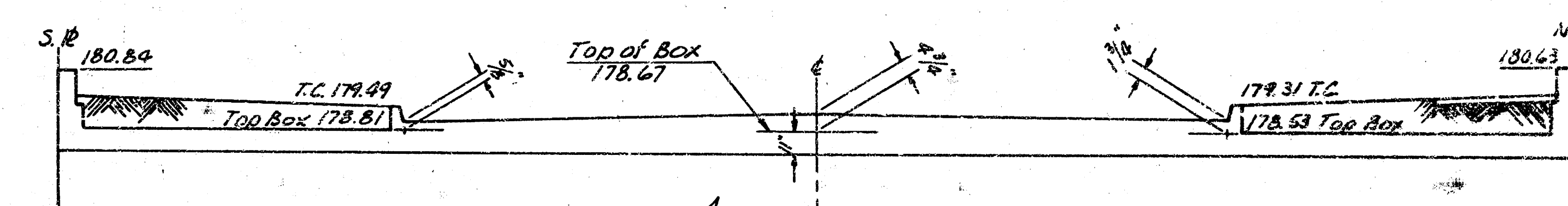
ELEVATION AND SECTION
1/4" = 1' 0"



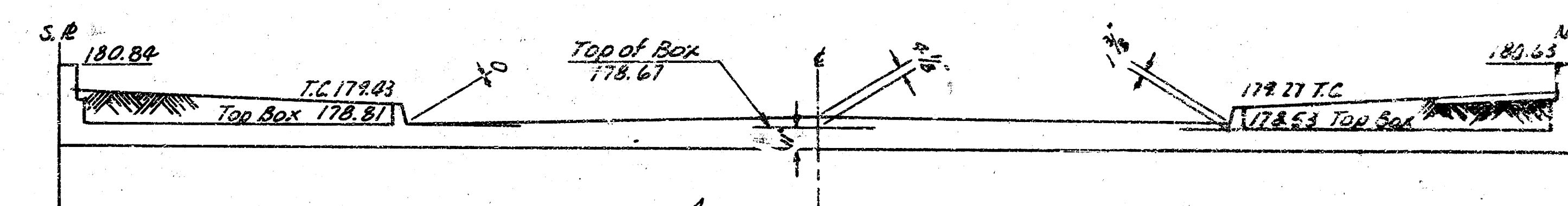
PLAN AND SECTION
1/4" = 1' 0"



E. EDGE RCBC
PVT STA. 7+63.94

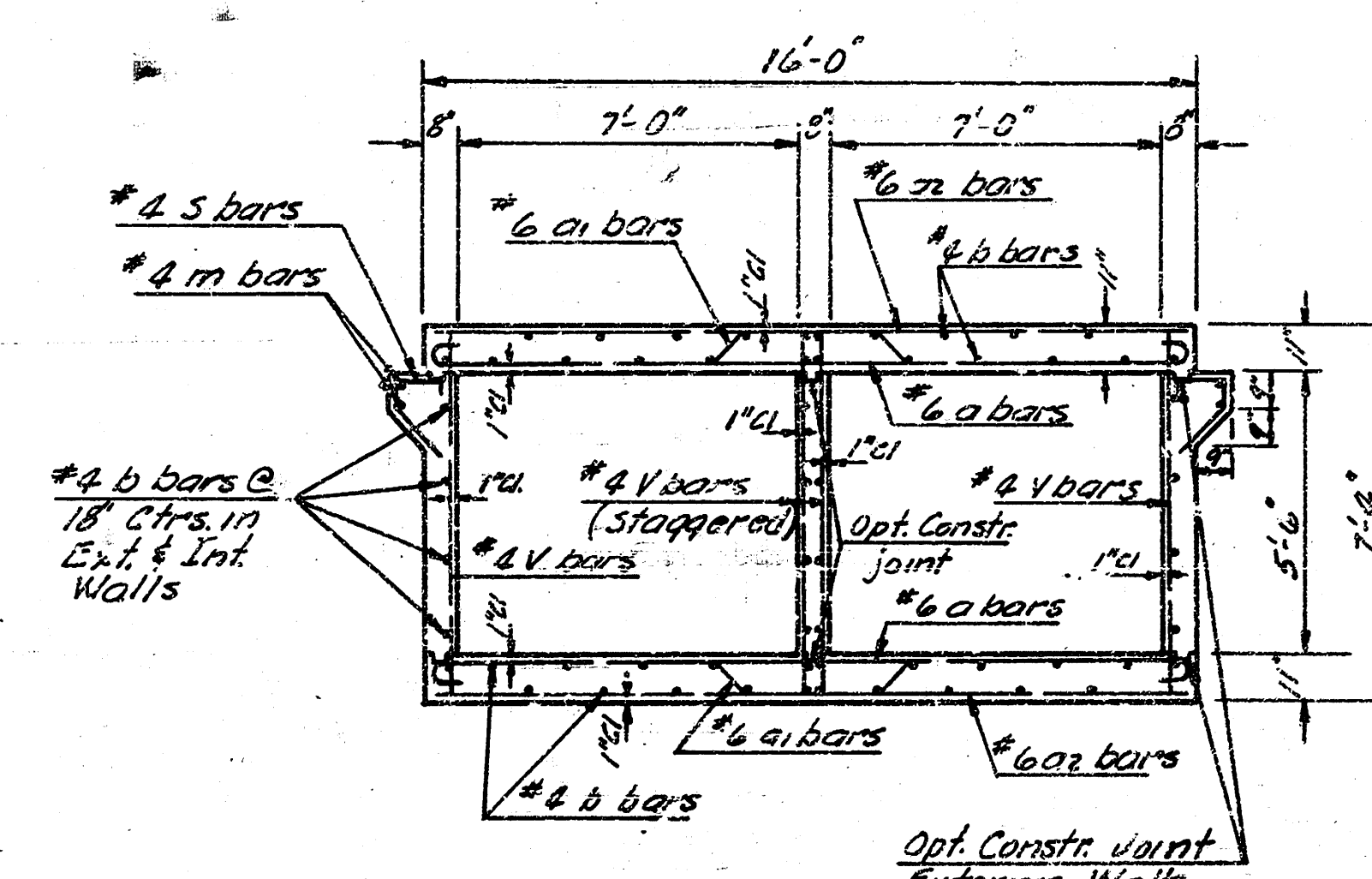


C. RCBC
PVT STA. 7+55.93



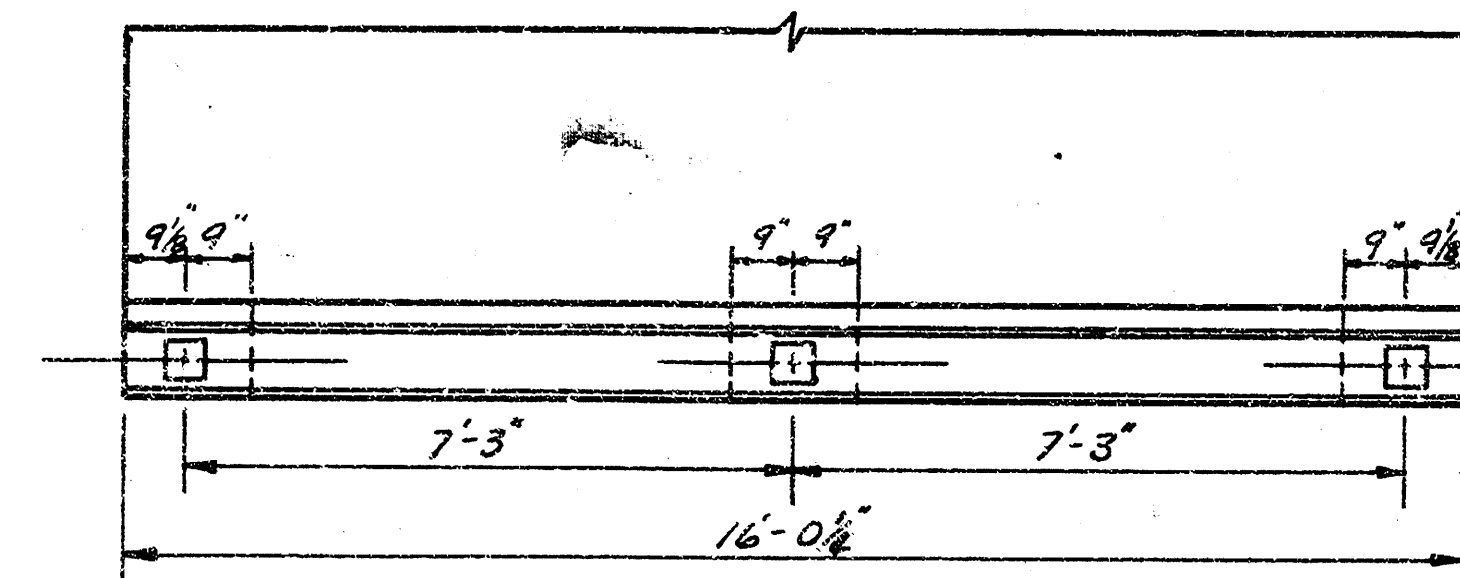
W. EDGE RCBC
PVT STA. 7+47.92

SLAB ELEVATIONS
NO SCALE

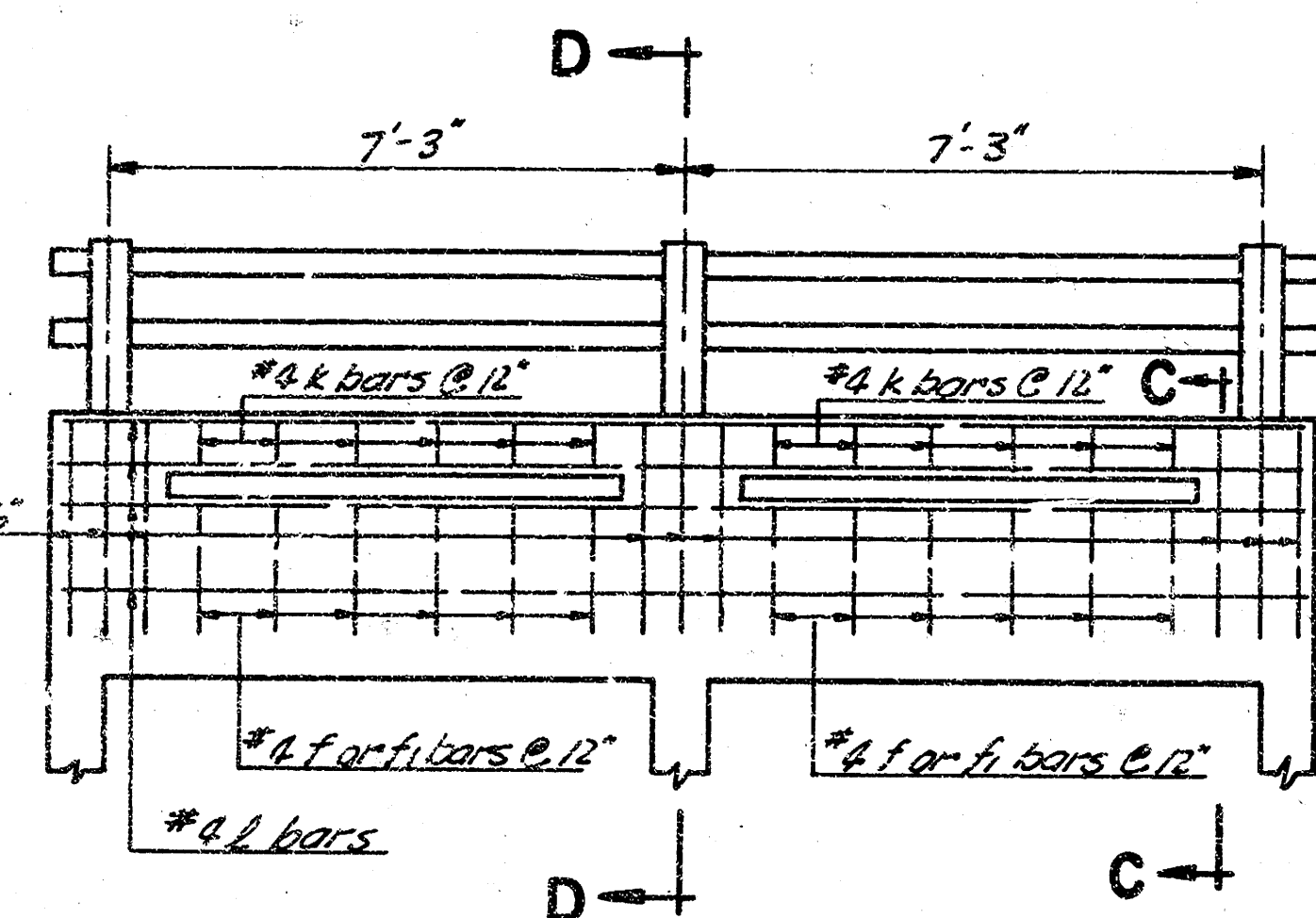


SECTION A-A
1/4" = 1' 0"

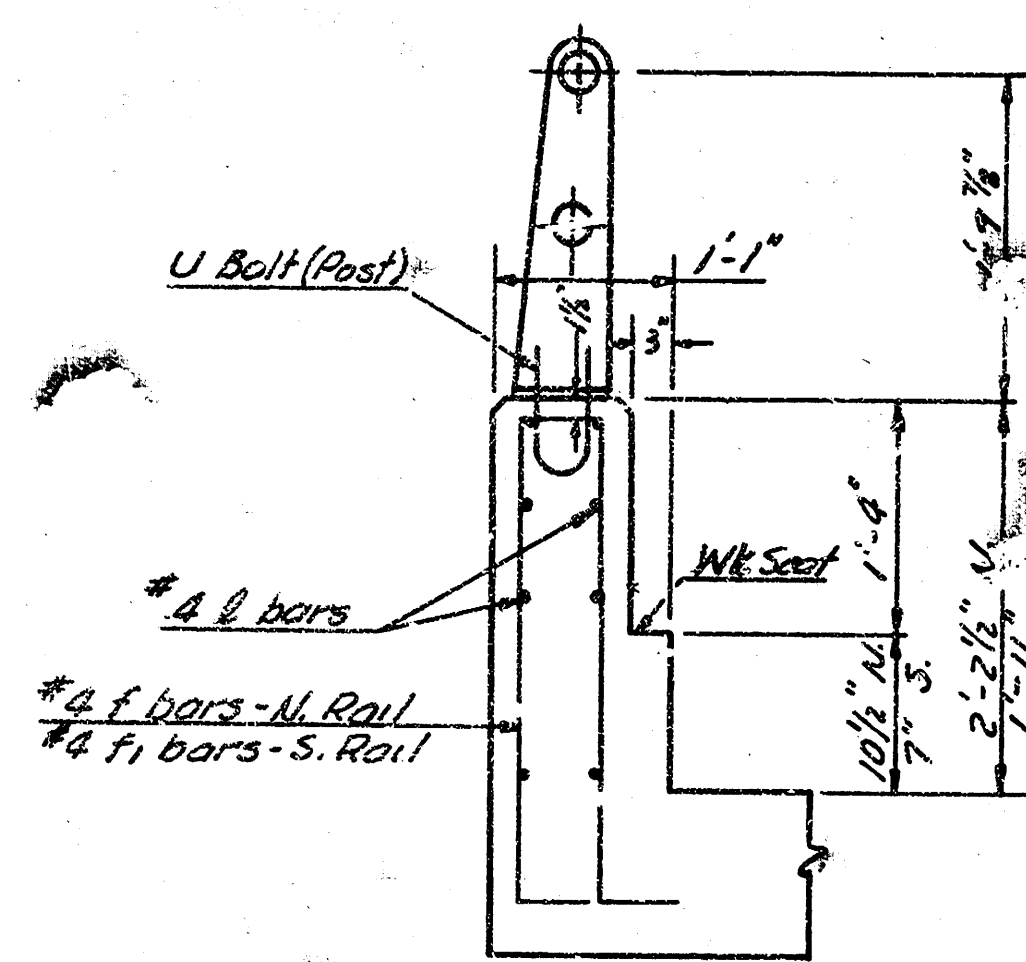
2-7'x5.5' RCBC.
MAINSGATE ROAD
WOODLAWN PLACE 5th ADDN
PROJ. NO. 472 76 245 80874 000 000 004



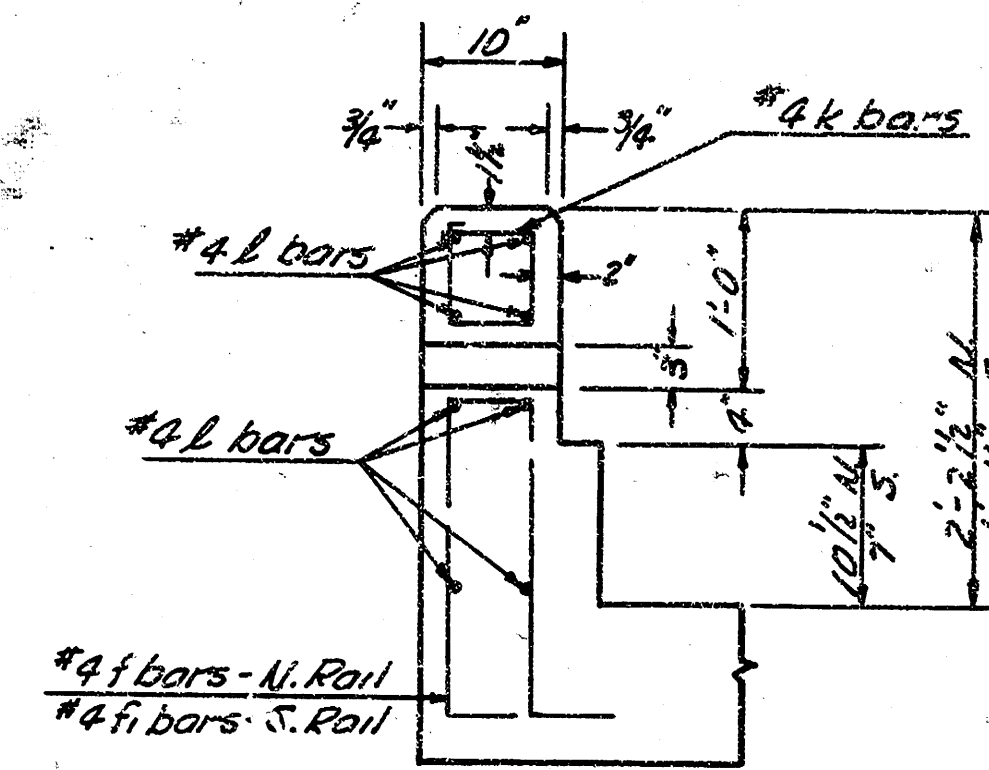
PLAN-RAILING
3/8" = 1' 0"



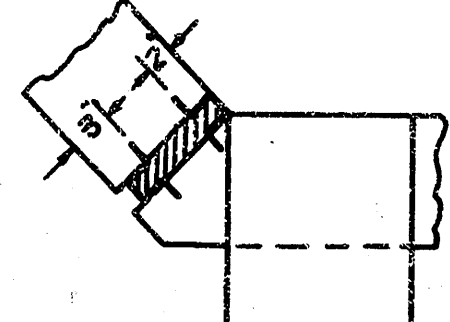
SECTION-RAILING
3/8" = 1' 0"



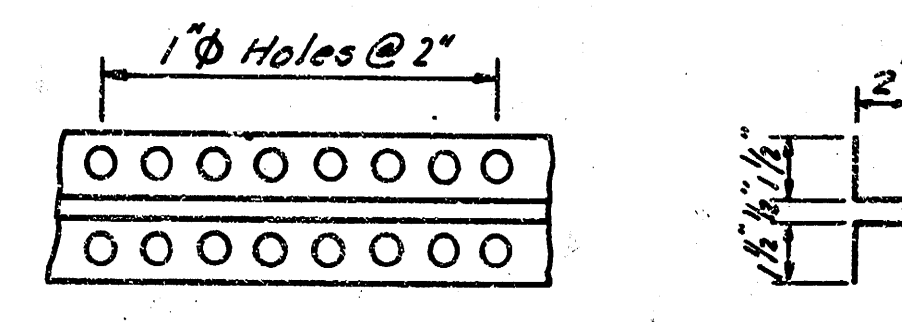
SECTION D-D
NO SCALE



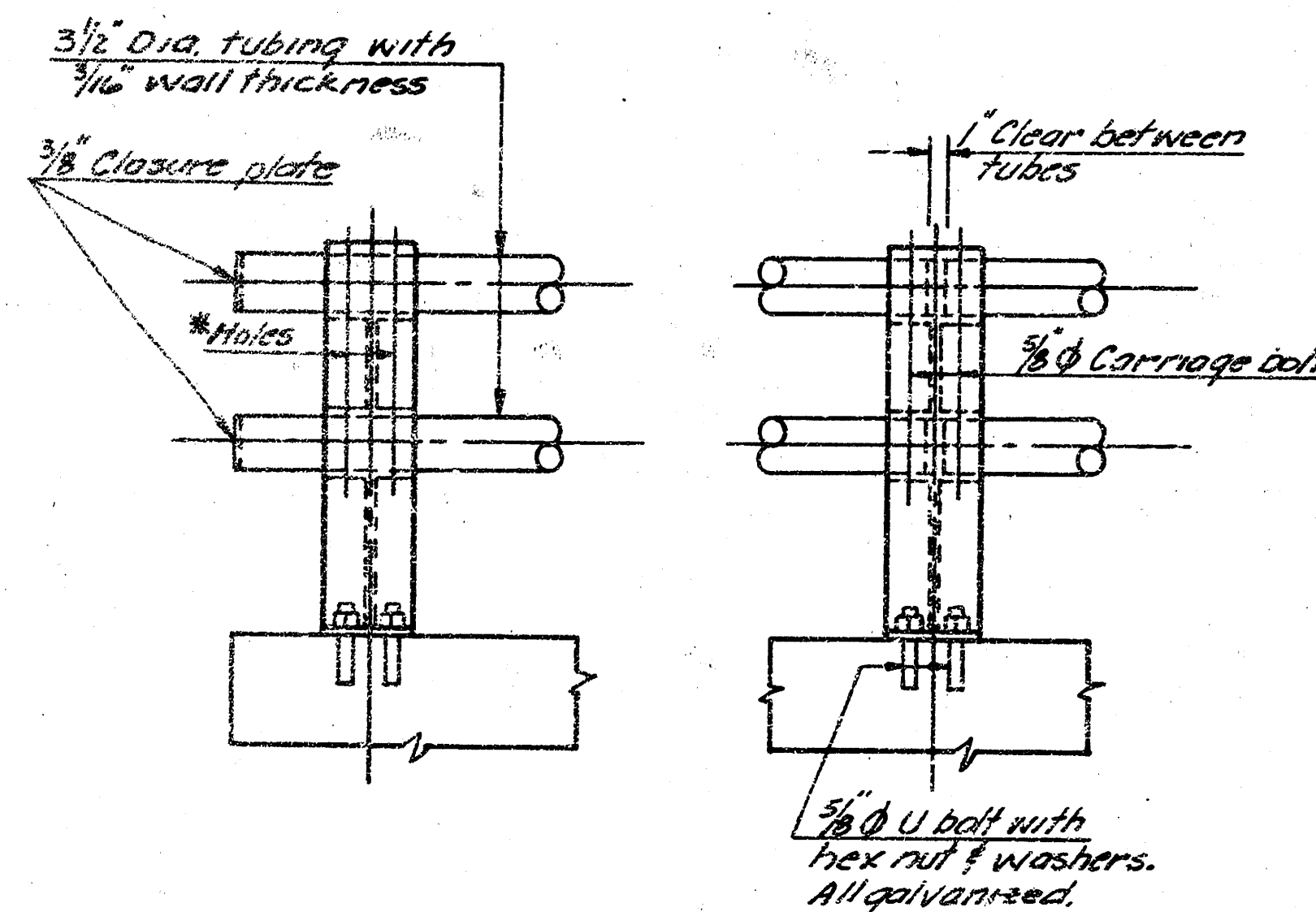
SECTION
NO SCALE



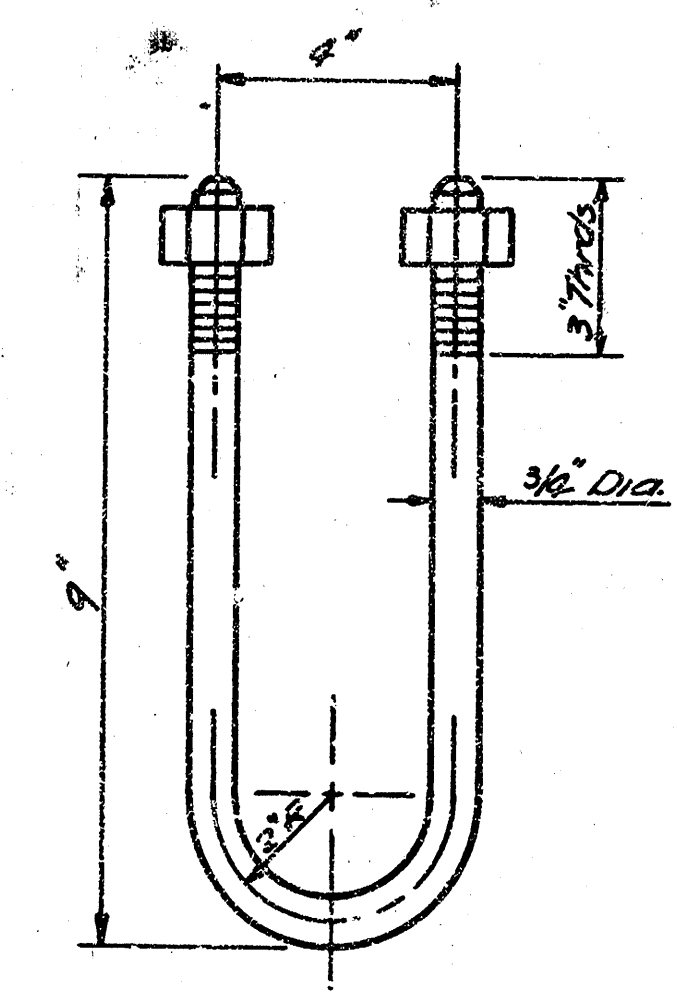
WING EXP. JOINT



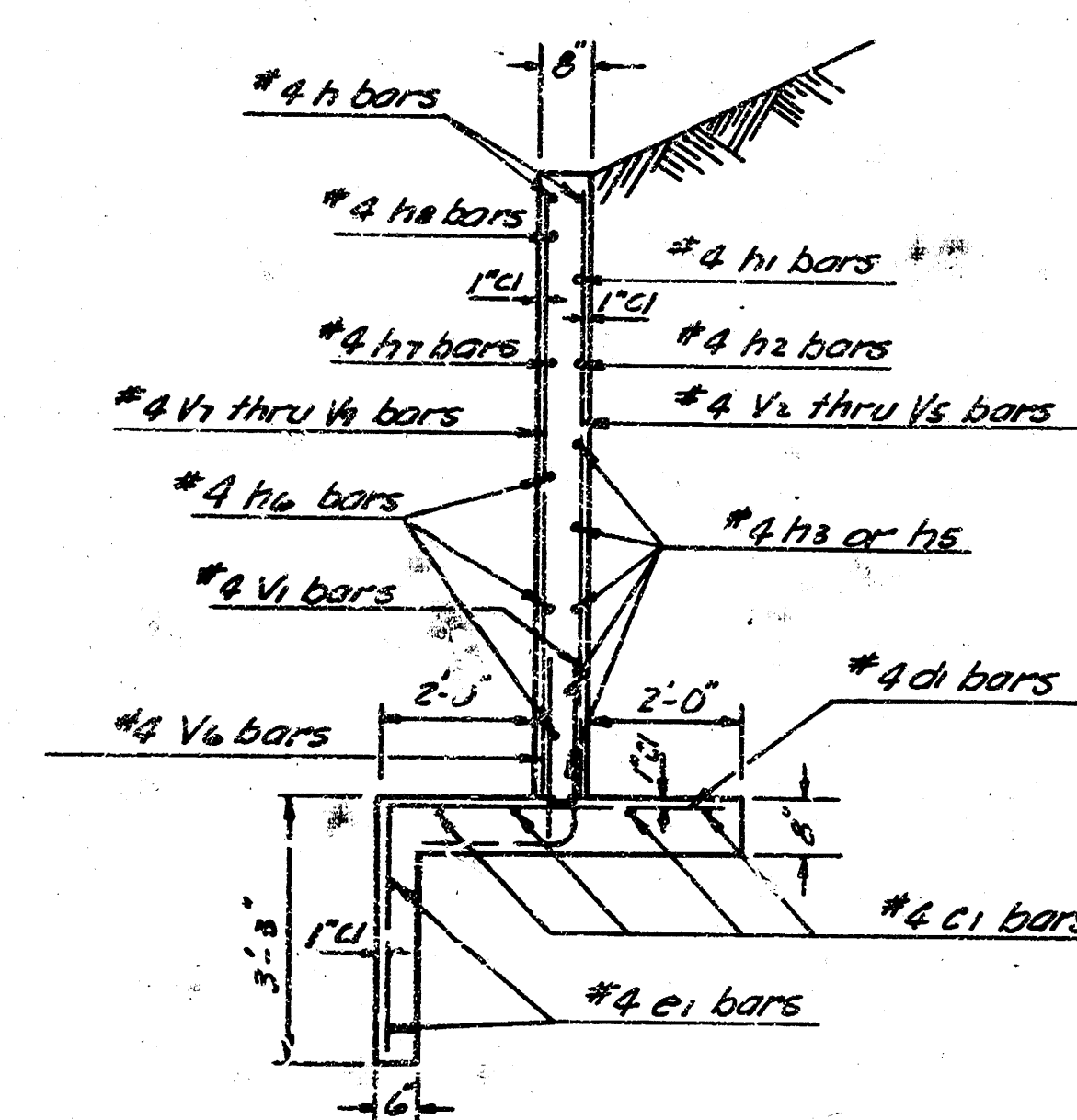
12 OZ. SHEET COPPER RETAINER
8 REQ'D



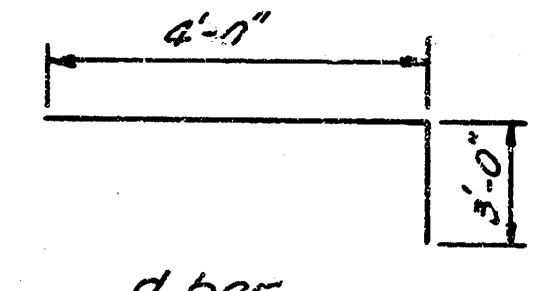
DETAIL-ALUMINUM RAILING
NO SCALE



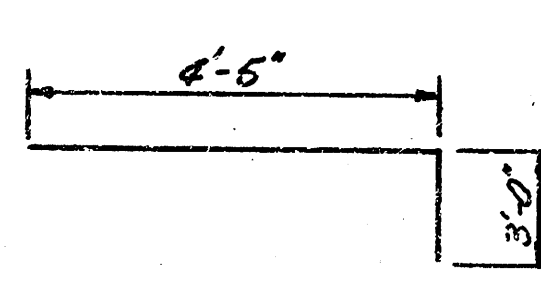
GALVANIZED U BOLT
NO SCALE



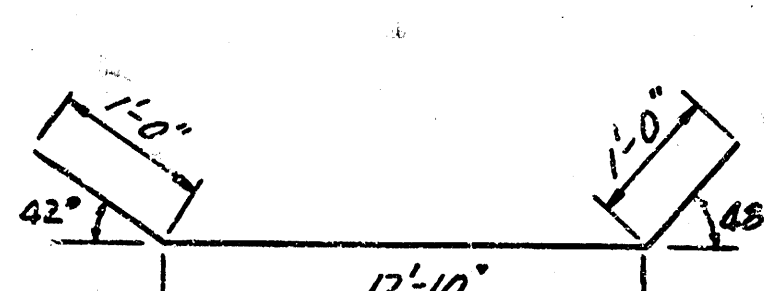
SECTION B-B
NO SCALE



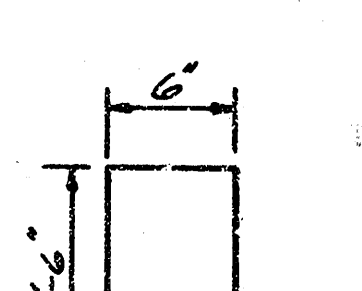
d bar



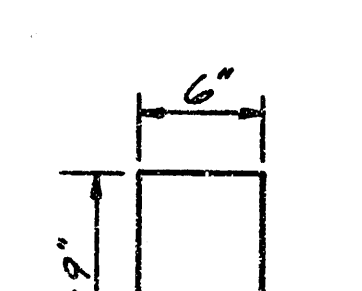
di bar



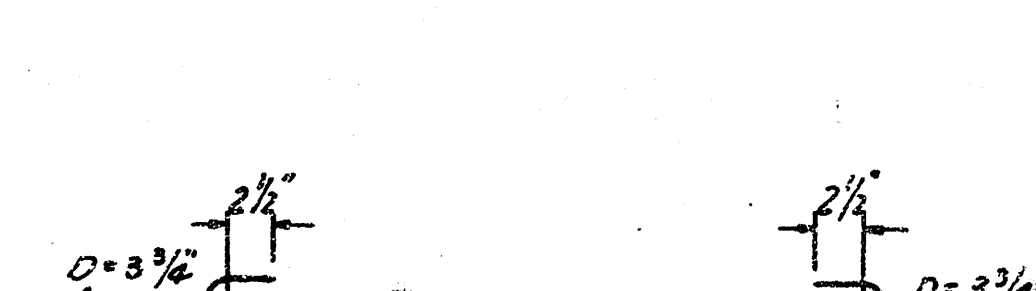
e bar



fi bar



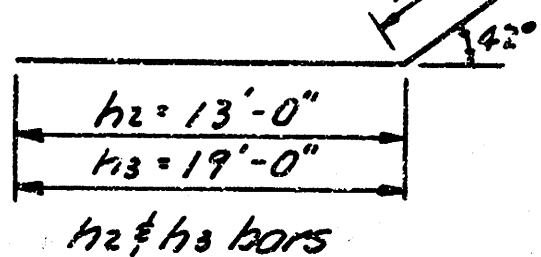
f bar



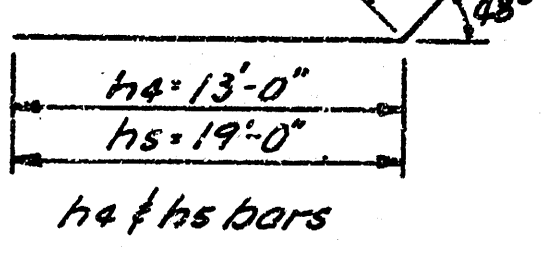
a bar

* Notes: 1 1/2" square holes in post under head and 1 1/2" round holes under nuts for 3/8" x 5 1/2" carriage bolts with hex nuts.

NOTE: Aluminum Handrail
Aluminum posts shall be Reynolds Aluminum Highway Products Bridge Railing System, No. 20199, 2" equal. Top & bottom rails shall be 3 1/2" O.D. x 3/16" wall tube of 6063-T6 Aluminum.
Aluminum shims between concrete and post base may be used. The space below posts shall be thoroughly couled with Aluminastic compound or other approved material.

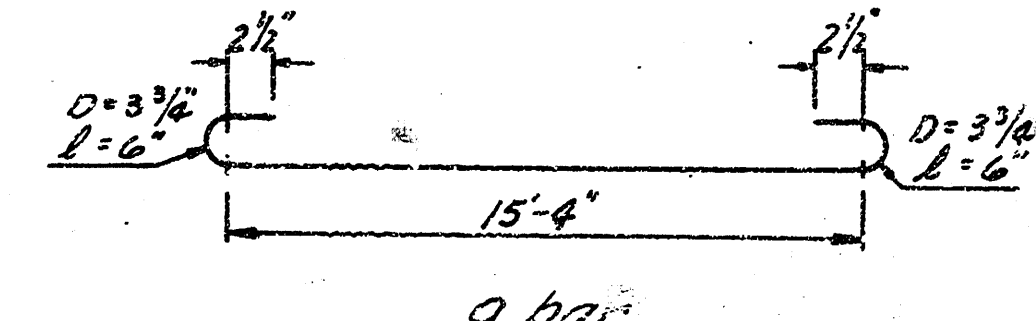


h2, h3 bars

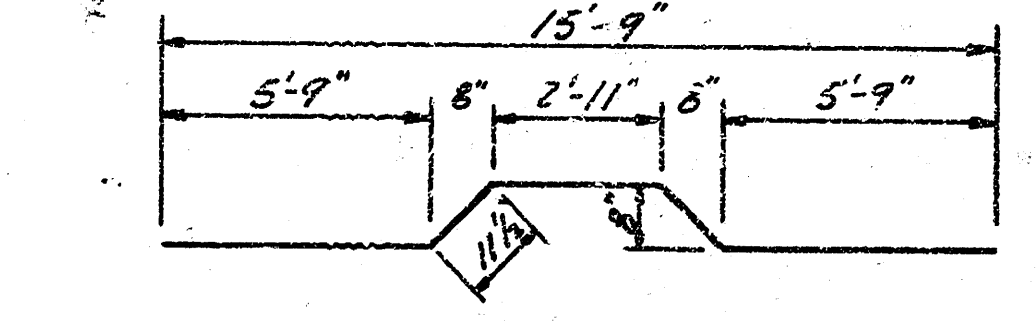


h4, h5 bars

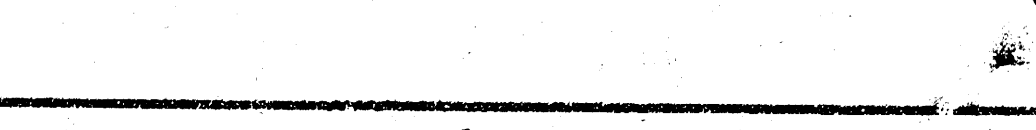
BENDING DIAGRAMS
NO SCALE
ALL DIMENSIONS OUT TO CUT OF BARS



a bar



a1 bar



a2 bar



a3 bar

Lump Sum Bid
Bid Items

BILL OF MATERIALS		
ITEMS	QUANTITY	UNIT
Class A-AE Concrete	132.1	C.Y.
Reinforcing Steel	19,440.1	LBS.
Hand Excavation	14.5	C.Y.
Aluminum Handrail	32.0	L.F.
Class A Concrete - Seal Course	9.8	C.Y.
Excavation	131.9	C.Y.
Compacted Fill	98.4	C.Y.
Riprap - Type 3	376.2	S.Y.

BAR SCHEDULE				
BAR	SIZE	LENGTH	NO.	WEIGHT
a	#4	16'-9"	160	4025.36
a1	#4	16'-9"	158	3875.37
a2	#4	16'-9"	160	4025.36
b	#4	34'-0"	120	2715.24
c	#4	14'-0"	4	50.77
c1	#4	22'-0"	16	235.14
d	#4	7'-0"	24	112.22
d1	#4	7'-0"	76	376.70
e	#4	18'-10"	4	39.63
e1	#4	18'-10"	8	100.20
f	#4	18'-10"	12	38.72
f1	#4	18'-10"	12	38.72
h	#4	18'-10"	8	100.20
h1	#4	18'-10"	8	100.20
h2	#4	18'-10"	8	100.20
h3	#4	18'-10"	8	100.20
h4	#4	18'-10"	8	100.20
h5	#4	18'-10"	8	100.20
h6	#4	18'-10"	8	100.20
h7	#4	18'-10"	8	100.20
h8	#4	18'-10"	8	100.20
h9	#4	18'-10"	8	100.20
h10	#4	18'-10"	8	100.20
h11	#4	18'-10"	8	100.20
h12	#4	18'-10"	8	100.20
h13	#4	18'-10"	8	100.20
h14	#4	18'-10"	8	100.20
h15	#4	18'-10"	8	100.20
h16	#4	18'-10"	8	100.20
h17	#4	18'-10"	8	100.20
h18	#4	18'-10"	8	100.20
h19	#4	18'-10"	8	100.20
h20	#4	18'-10"	8	100.20
h21	#4	18'-10"	8	100.20
h22	#4	18'-10"	8	100.20
h23	#4	18'-10"	8	100.20
h24	#4	18'-10"	8	100.20
h25	#4	18'-10"	8	100.20
h26	#4	18'-10"	8	100.20
h27	#4	18'-10"	8	100.20
h28	#4	18'-10"	8	100.20
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h30	#4	18'-10"	8	100.20
h31	#4	18'-10"	8	100.20
h32	#4	18'-10"	8	100.20
h33	#4	18'-10"	8	100.20
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h36	#4	18'-10"	8	100.20
h37	#4	18'-10"	8	100.20
h38	#4	18'-10"	8	100.20
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h42	#4	18'-10"	8	100.20
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h49	#4	18'-10"	8	100.20
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h51	#4	18'-10"	8	100.20
h52	#4	18'-10"	8	100.20
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h56	#4	18'-10"	8	100.20
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h58	#4	18'-10"	8	100.20
h59	#4	18'-10"	8	100.20
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h61	#4	18'-10"	8	100.20
h62	#4	18'-10"	8	100.20
h63	#4	18'-10"	8	100.20
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h70	#4	18'-10"	8	100.20
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h72	#4	18'-10"	8	100.20
h73	#4	18'-10"	8	100.20
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h75	#4	18'-10"	8	100.20
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h79	#4	18'-10"	8	100.20
h80	#4	18'-10"	8	100.20
h81	#4	18'-10"	8	100.20
h82	#4	18'-10"	8	100.20
h83	#4	18'-10"	8	100.20
h84	#4	18'-10"	8	100.20
h85	#4	18'-10"	8	100.20
h86	#4	18'-10"	8	100.20
h87	#4	18'-10"	8	100.20
h88	#4	18'-10"	8	100.20
h89	#4	18'-10"	8	100.20
h90	#4	18'-10"	8	100.20
h91	#4	18'-10"	8	100.20
h92	#4	18'-10"	8	100.20
h93	#4	18'-10"	8	100.20
h94	#4	18'-10"	8	100.20
h95	#4	18'-10"	8	100.20
h96	#4	18'-10"	8	100.20
h97	#4	18'-10"	8	100.20
h98	#4	18'-10"	8	100.20
h99	#4	18'-10"	8	100.20
h100	#4	18'-10"	8	100.20

2-7'x5.5' R.C.B.C.
MAINS GATE ROAD
WOODLAWN PLACE 5th ADDN
PROJ. NO. 472 76 245 80874 000 003 004