

FED. AID DIST. NO	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	400 B	1929

14
15

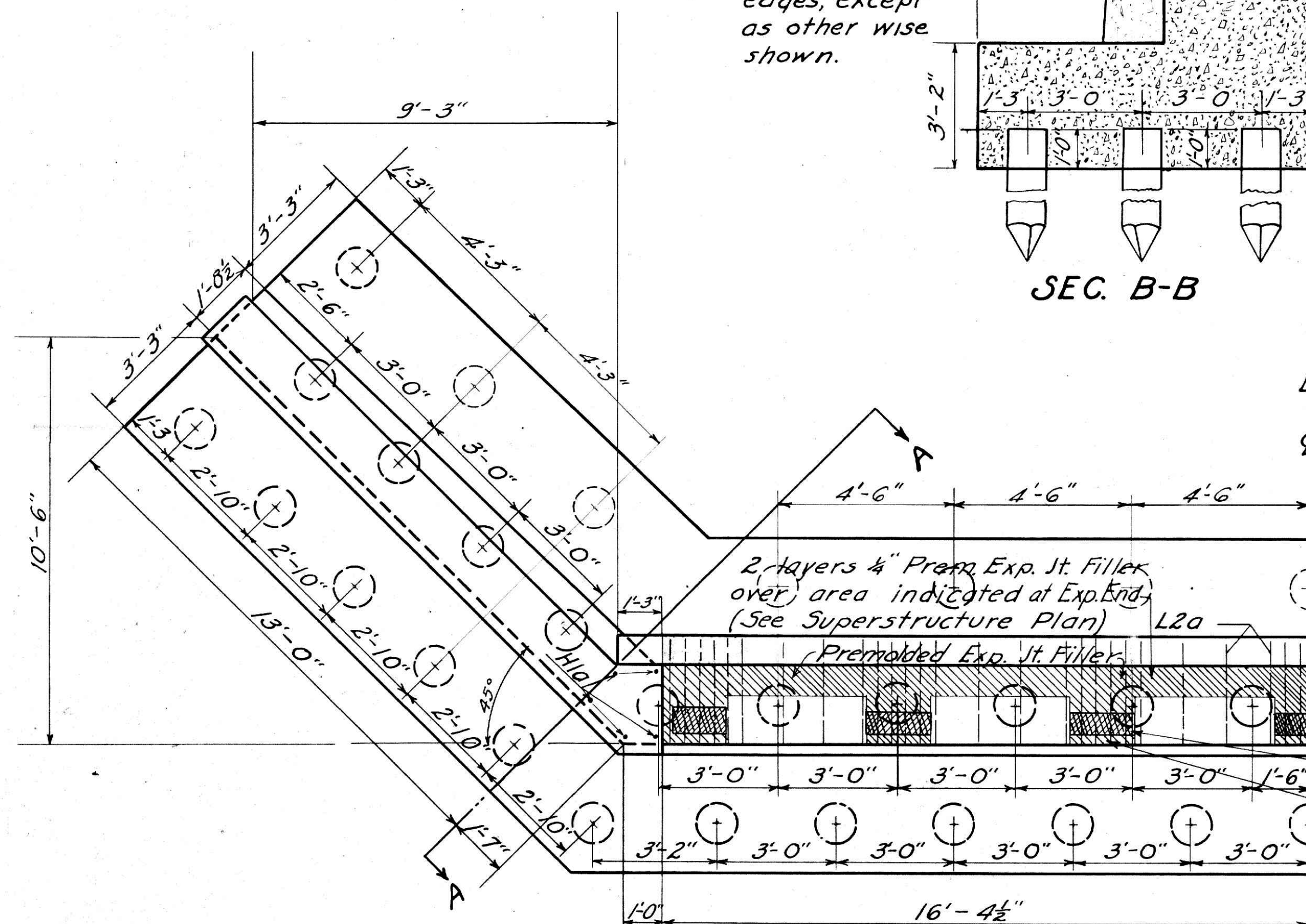
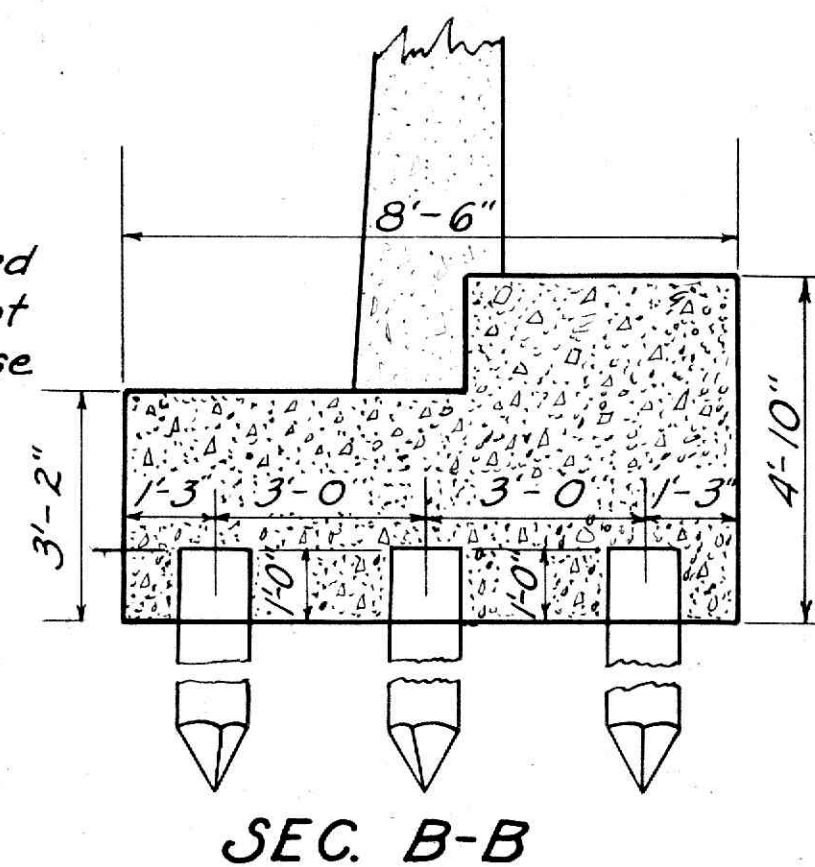
S.H.(I.C.H) 345 SEC. GR
MUSKINGUM CO.
PROPOSAL NO. 2

*This abutment plan
drawn from Typ. Abut.
Drawing No. T-A-B.*

Type RR-1 Railing
See Dr. No. RR-A & B-50-2430

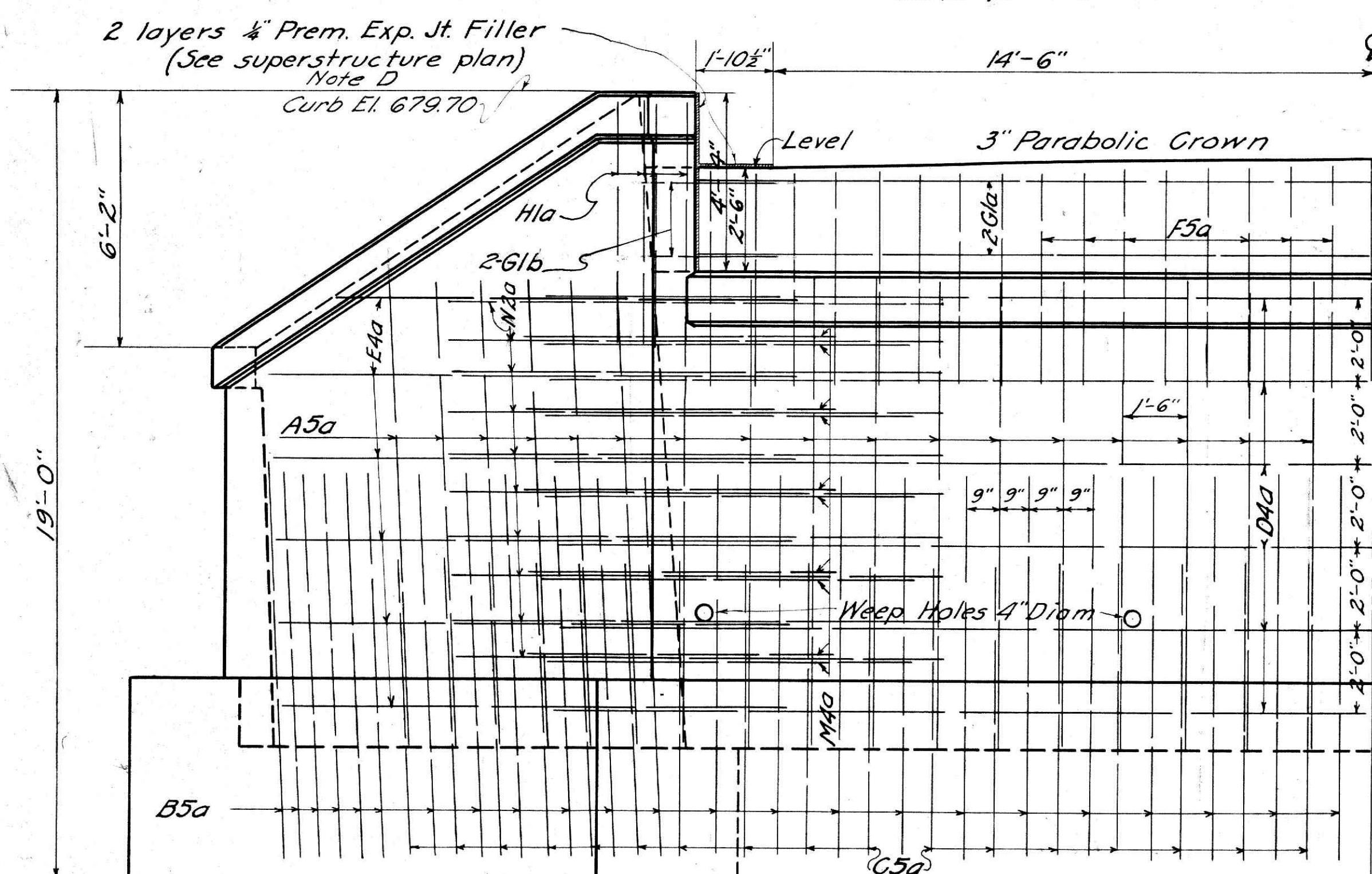
STEEL LIST					2. Abuts.
MARK	SIZE	SHAPE	NO	LENGTH	SPACING WEIGHT
A5a	$\frac{3}{8}" \phi$	Strt.	86	11'-3"	1'-6" 1453
B5a	$\frac{3}{8}" \phi$	"	92	9'-4 $\frac{1}{2}"$	1'-6" 1295
C5a	$\frac{3}{8}" \phi$	"	70	7'-3"	1'-6" 760
D4a	$\frac{5}{8}" \phi$	Bent	12	21'-9"	2'-0" 272
D4b	$\frac{5}{8}" \phi$	"	12	21'-9"	2'-0" 272
E4a	$\frac{3}{8}" \phi$	"	24	17'-3"	2'-0" 432
M4a	$\frac{5}{8}" \phi$	"	40	9'-0"	2'-0" 374
N2a	$\frac{1}{2}" \phi$	"	40	12'-0"	1'-0" 319
F5a	$\frac{3}{8}" \phi$	"	66	11'-6"	1'-0" 1140
G1a	$\frac{3}{8}" \phi$	Strt.	8	32'-6"	As sh'n 98
G1b	$\frac{3}{8}" \phi$	"	16	3'-0"	" 18
H1a	$\frac{3}{8}" \phi$	"	20	5'-10"	" 44
L2a	$\frac{1}{2}" \phi$	Bent	108	4'-9"	" 343
Total					6820

CHAMFER
for all exposed
edges, except
as other wise
shown.

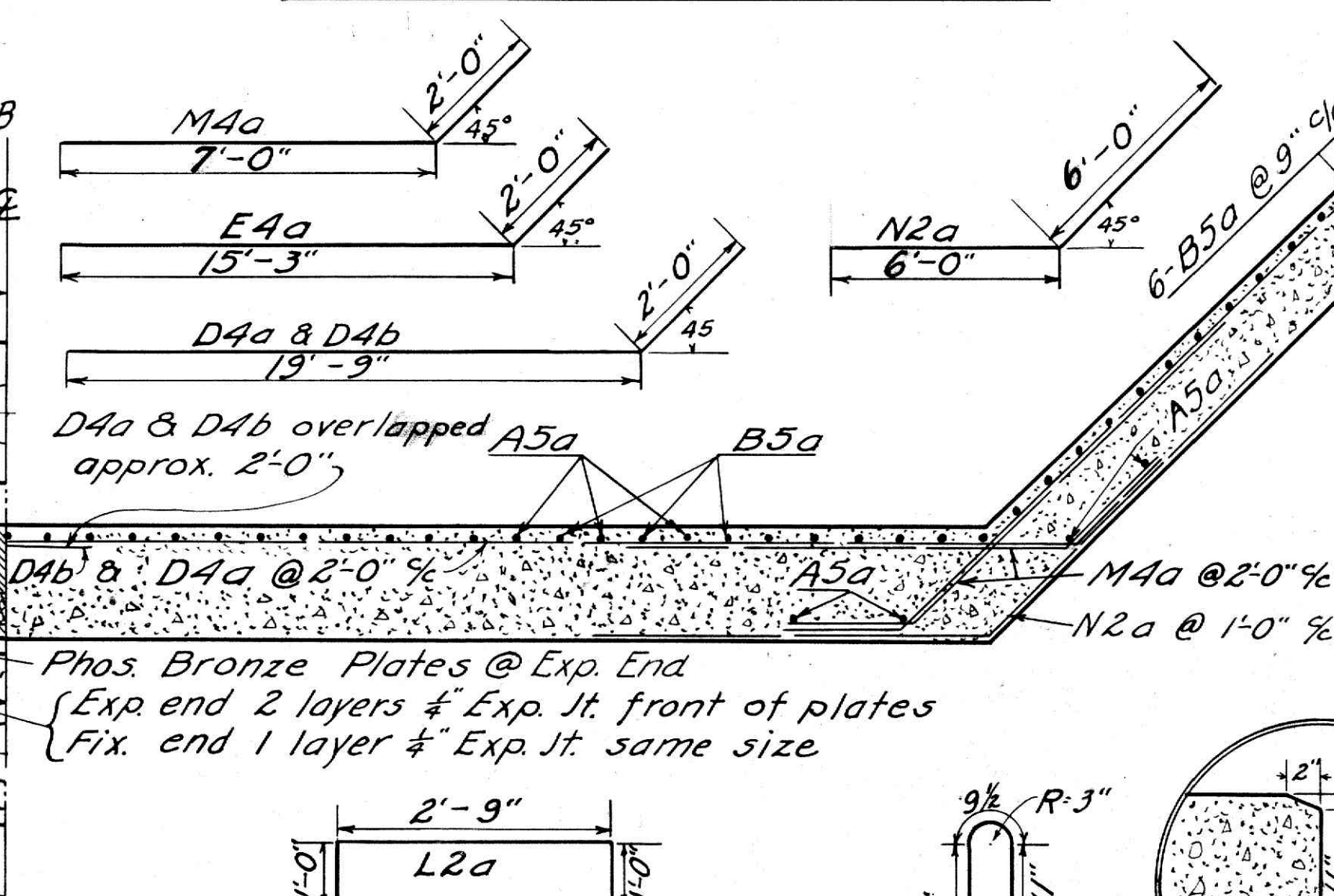


HALF ABUTMENT PLAN

Scale $\frac{3}{8}" = 1'-0"$

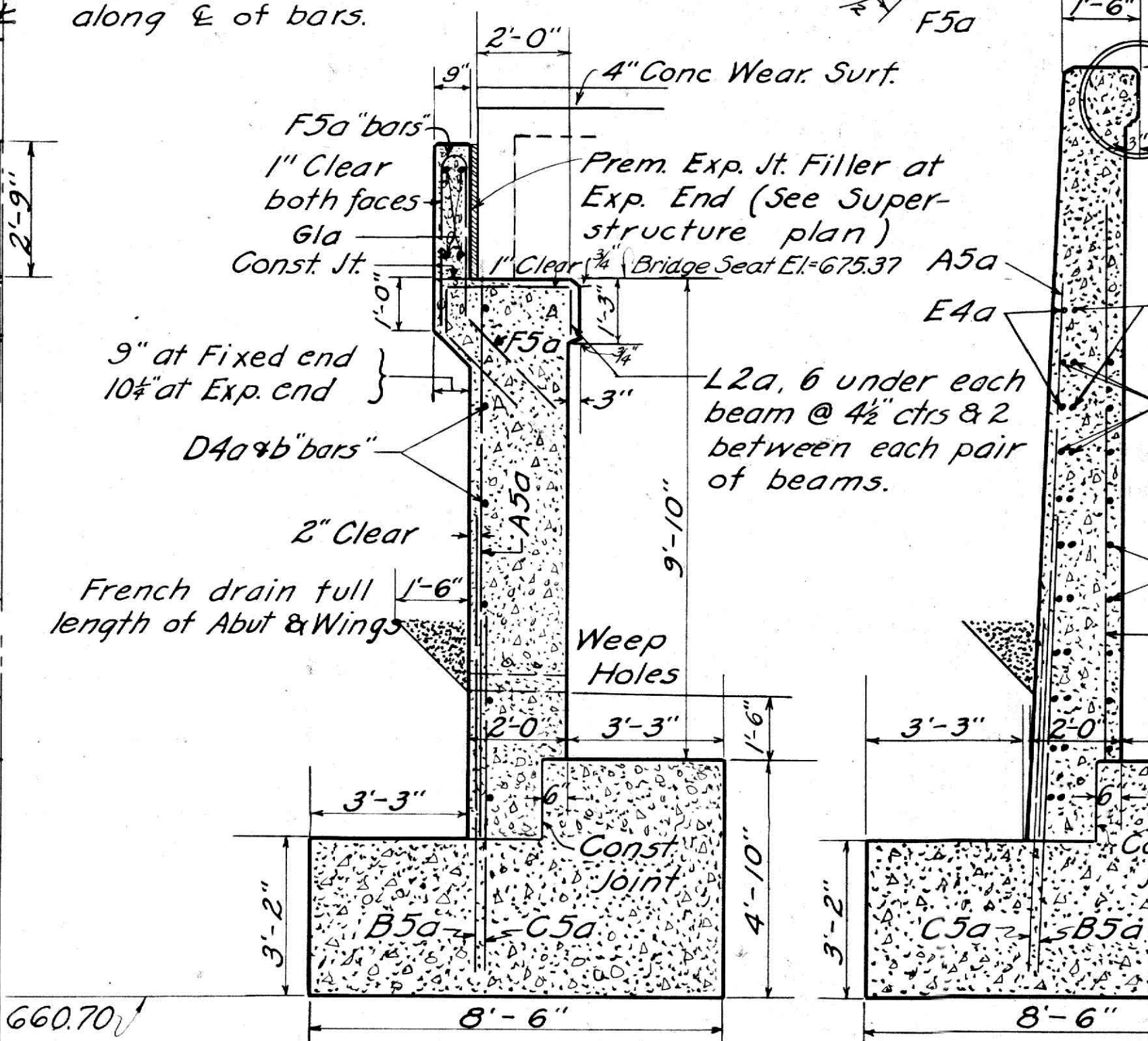


HALF ELEVATION

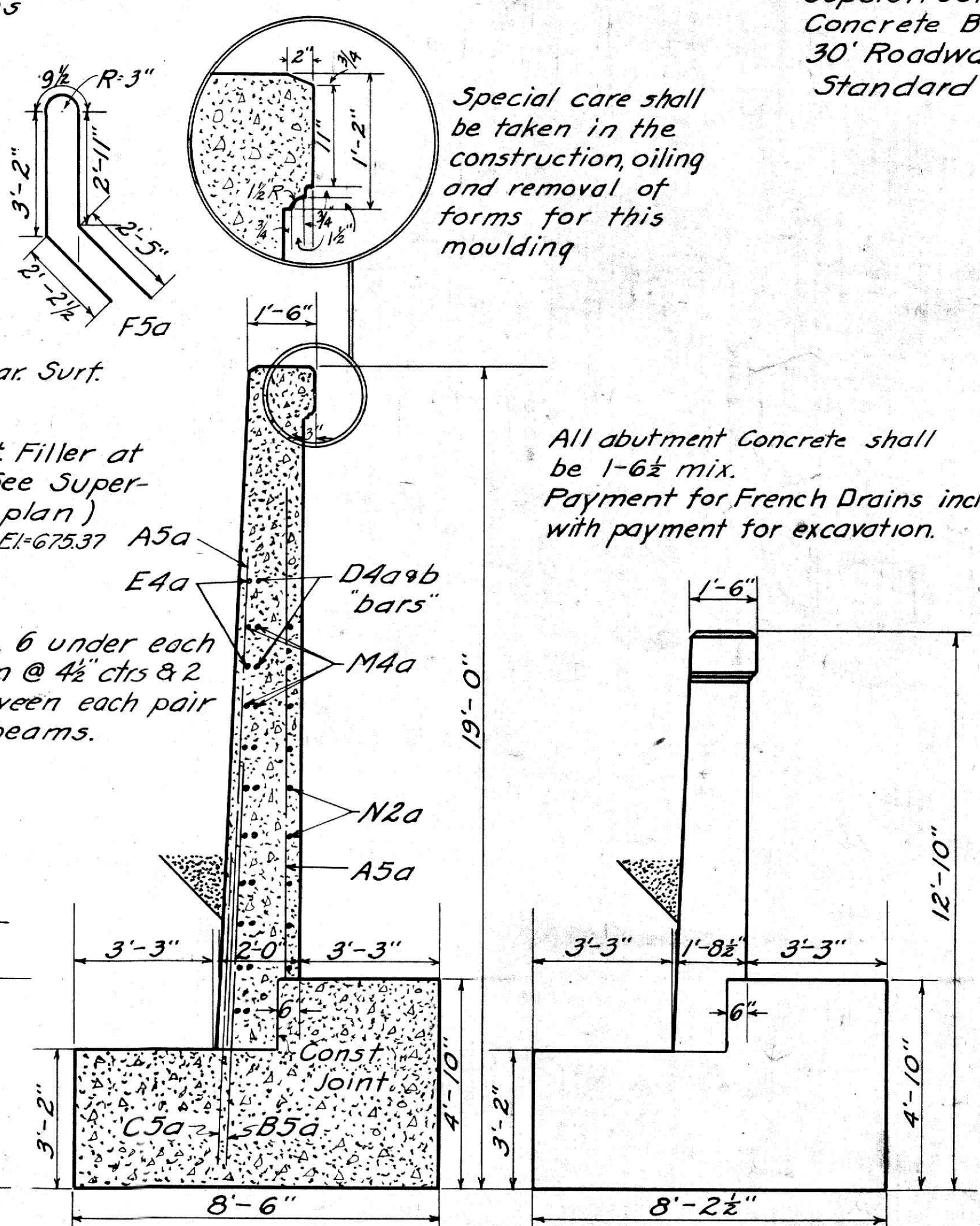


HALF SEC. THROUGH WALL

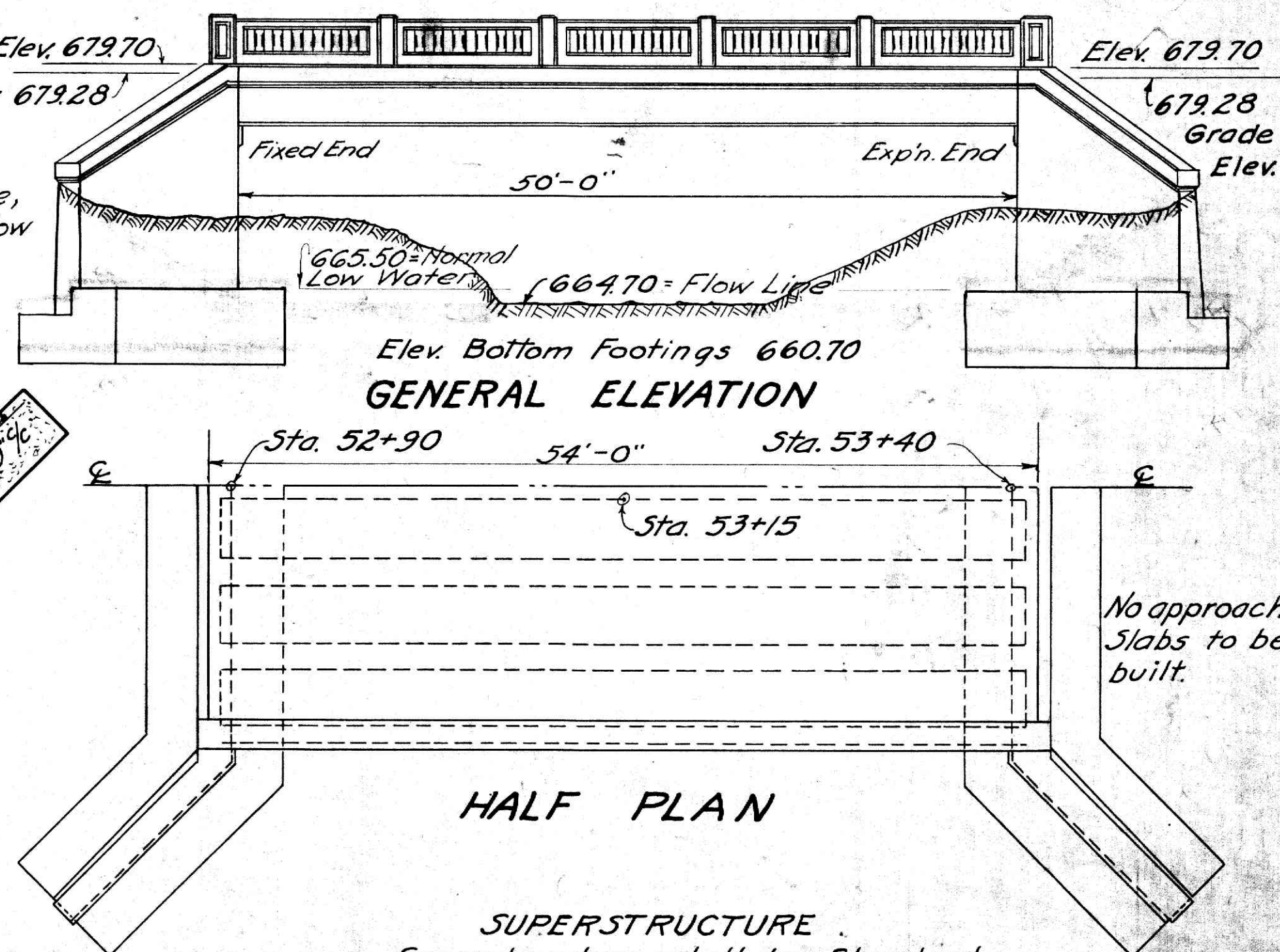
All bar bending
measurements taken
along ϵ of bars.



SEC. OF ABUT. ON E



WING SEC. A-A



END ELEVATION OF WINGS

Curb Elev. 679.70
Grade Elev. 679.28

Dry Exc. Above,
Wet Exc. Below
Elev. 665.50



Elev. Bottom Footings 660.70
GENERAL ELEVATION

HALF PLAN

SUPERSTRUCTURE
Superstructure shall be Standard Concrete Beam Bridge, 50' Span 30' Roadway. For details see Standard Dr. No. B-50-2430

ESTIMATED QUANTITIES

ESTIMATED QUANTITIES	
SUBSTRUCTURE	
Excavation: Dry	360 Cu.Yds.
Wet	260 Cu.Yds.
Concrete: Footings 1-6%	153.6 Cu.Yds.
Walls 1-6%	107.8 Cu.Yds.
Reinforcing Steel	6820 Lbs.
Timber Piling	2464 Lin.Ft.
SUPERSTRUCTURE	
Concrete 1-5%	1115 Cu.Yds.
Reinforcing Steel	28075 Lbs.
¼" Prem. Exp. Jt. Filler	262 Sq.Ft.
1" Prem. Exp. Jt. Filler	125 Sq.Ft.
½" Phos. Bronze Plates	79 Lbs.
Cast Iron Scuppers	4 Pes.
Railing RR-1	107 Lin.Ft.
Wearing Surface	174 Sq.Yds.

Temporary bridge & approaches	Lump.
*Removing existing bridge	Lump.
Cofferdams and Pumping	Lump.

ABUTMENT PLAN
 DRY RIFFLE RUN BRIDGE
 STATION 53+15
 CONCRETE BEAM BRIDGE
 50' SPAN 19' HEIGHT 30' ROADWAY
 SH(11CH) 345 SECTION GR
 MUSKINGUM COUNTY
 STATE OF OHIO
 DEPARTMENT OF HIGHWAYS
 MAY 1929 BUREAU OF BRIDGES

DRAWN BY LMD:FCB	TRACED BY FCB	CHECKED BY M.X.M. R.E. Bischoff # 3A-39	REVIEWED BY K.C. 6/1/29
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