

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

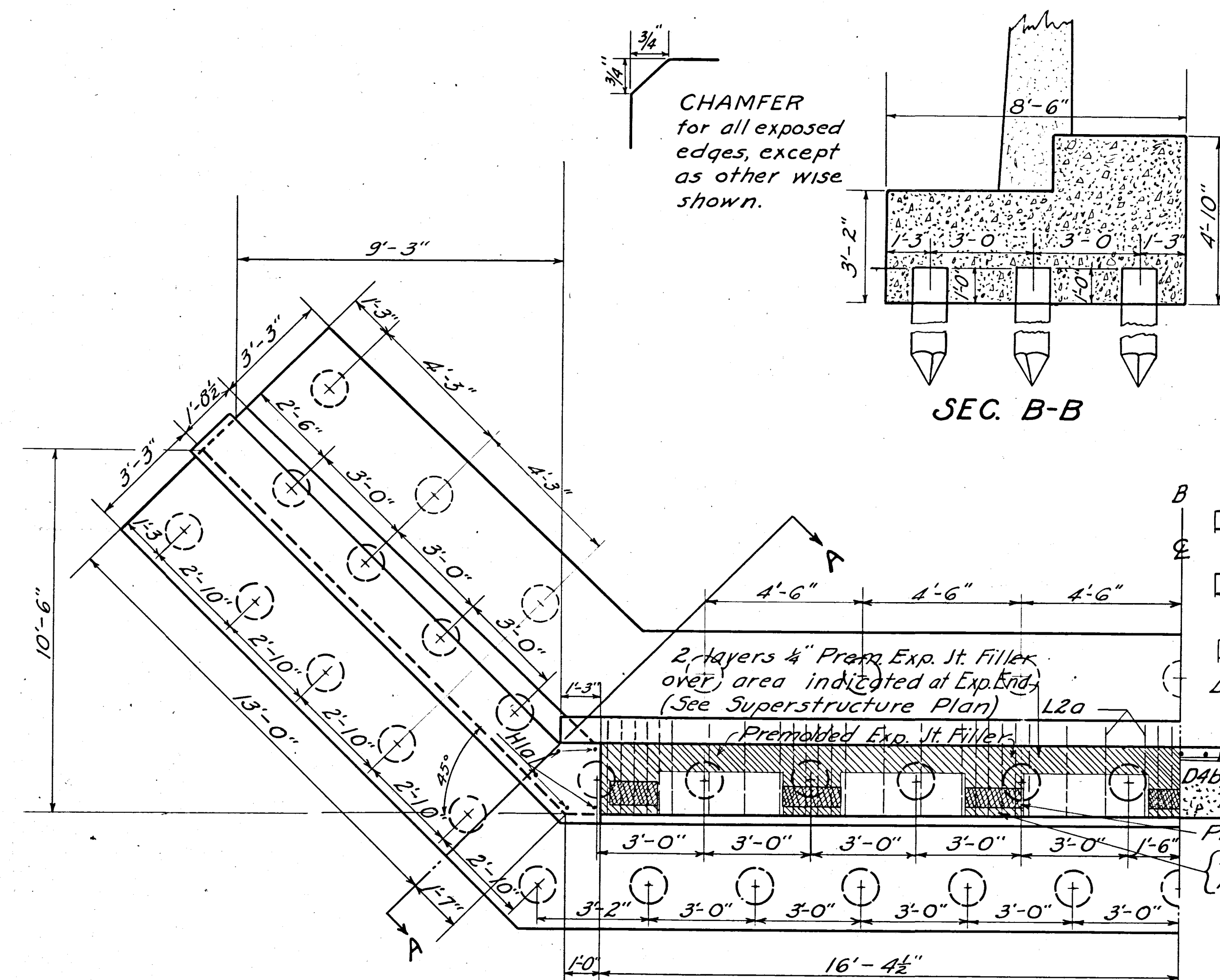
*This abutment plan
drawn from Typ. Abut.
Drawing No. T-A-B.*

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	$\frac{3}{8}\phi$	Bent	12	21'-9"	2'-0"	272
D4b	$\frac{3}{8}\phi$	"	12	21'-9"	2'-0"	272
E4a	$\frac{3}{8}\phi$	"	24	17'-3"	2'-0"	432
M4a	$\frac{3}{8}\phi$	"	40	9'-0"	2'-0"	374
N2a	$\frac{1}{2}\phi$	"	40	12'-0"	1'-0"	319
F5a	$\frac{3}{4}\phi$	"	66	11'-6"	1'-0"	1140
G1a	$\frac{3}{8}\phi$	Strt.	8	32'-6"	As sh'n	93
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

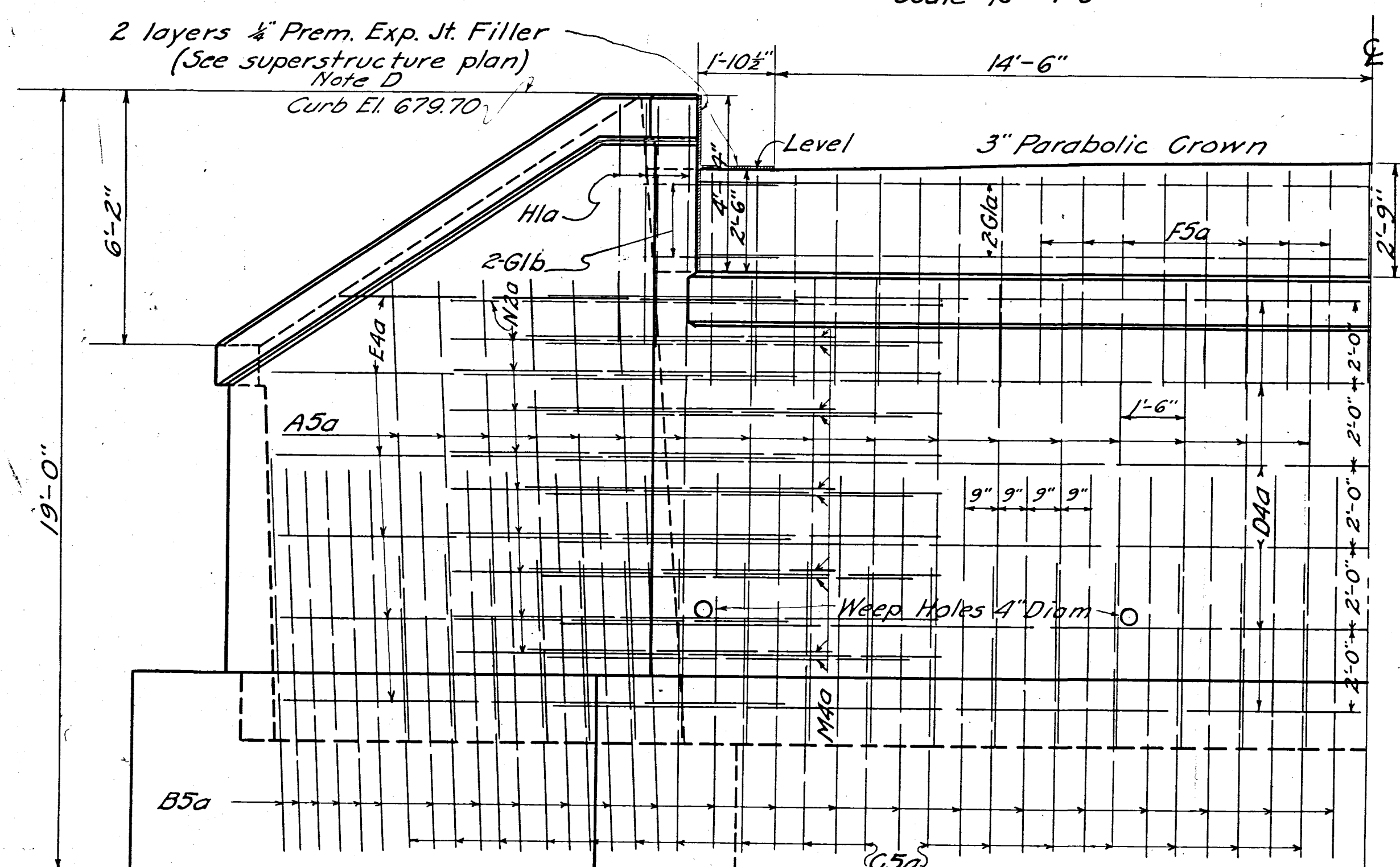
CHAMFER
for all exposed
edges, except
as other wise
shown.

SEC. B-B



HALF ABUTMENT PLAN

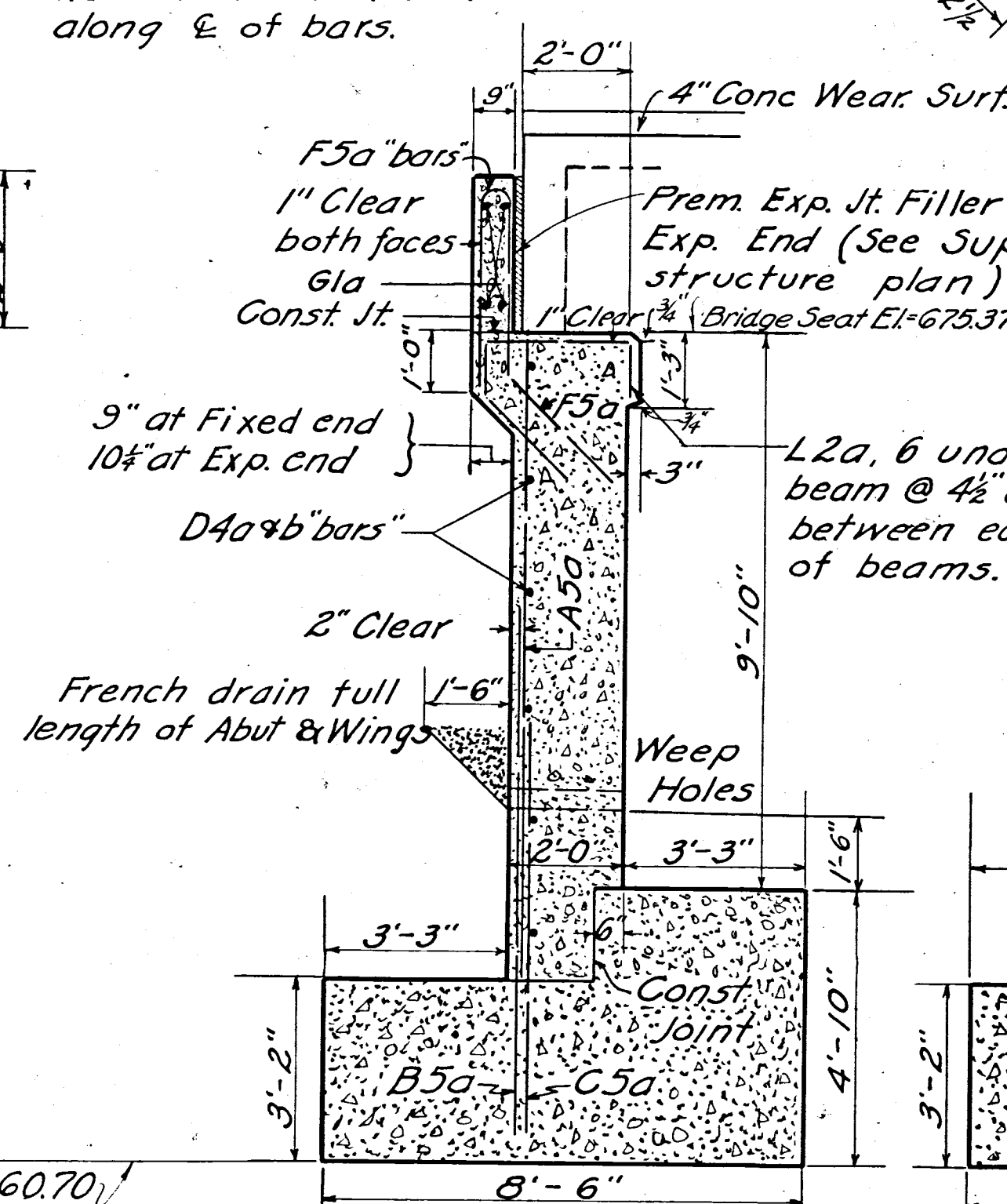
Scale $3/8" = 1'-0"$



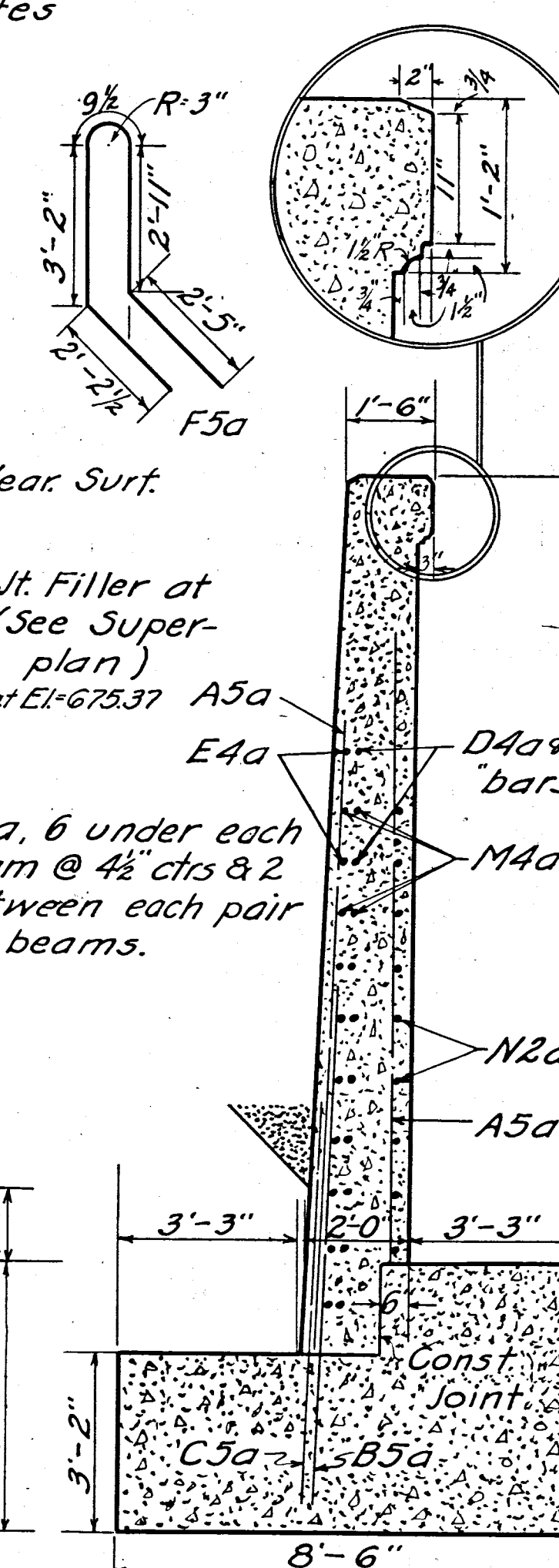
HALF ELEVATION

HALF SEC. THROUGH WALL

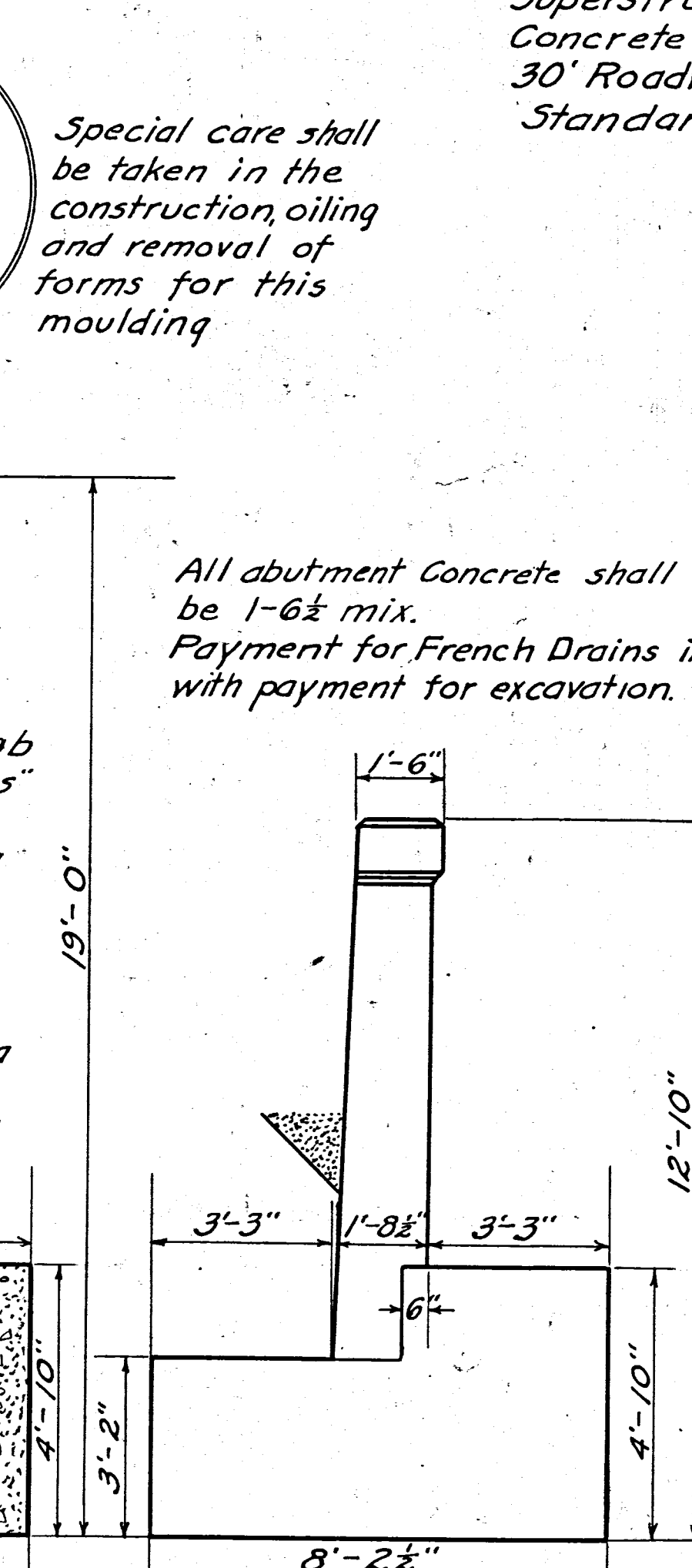
All bar bending
measurements taken
along $\mathbb{E}$ of bars.



SEC. OF ABUT. ON $\mathcal{E}$



WING SEC. A-A



END ELEVATION OF WINGS

Special care shall be taken in the construction, oiling and removal of forms for this moulding.

*All abutment Concrete shall
be 1-6½ mix.
Payment for French Drains included
with payment for excavation.*

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.
1/4" Prem. Exp. Jt. Filler	262	Sq.Ft.
1" Prem. Exp. Jt. Filler	125	Sq.Ft.
1/8" Phos. Bronze Plates	79	Lbs.
Cast Iron Scuppers	4	Fes.
Railing RR-1	107	Lin.Ft.
Wearing Surface	174	Sq.Yds.

Temporary bridge & approaches	Lump
Removing existing bridge	Lump
<u>Cofferdams and Pumping</u>	Lump

ABUTMENT PLAN
 DRY RIFFLE RUN BRIDGE
 STATION 53+15
 CONCRETE BEAM BRIDGE
 50' SPAN 19' HEIGHT 30' ROADWAY
 SH(ICH) 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.W. R.E. Fischhoff 5-28-79	REVIEWED BY K.H.C. 6/4/79
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