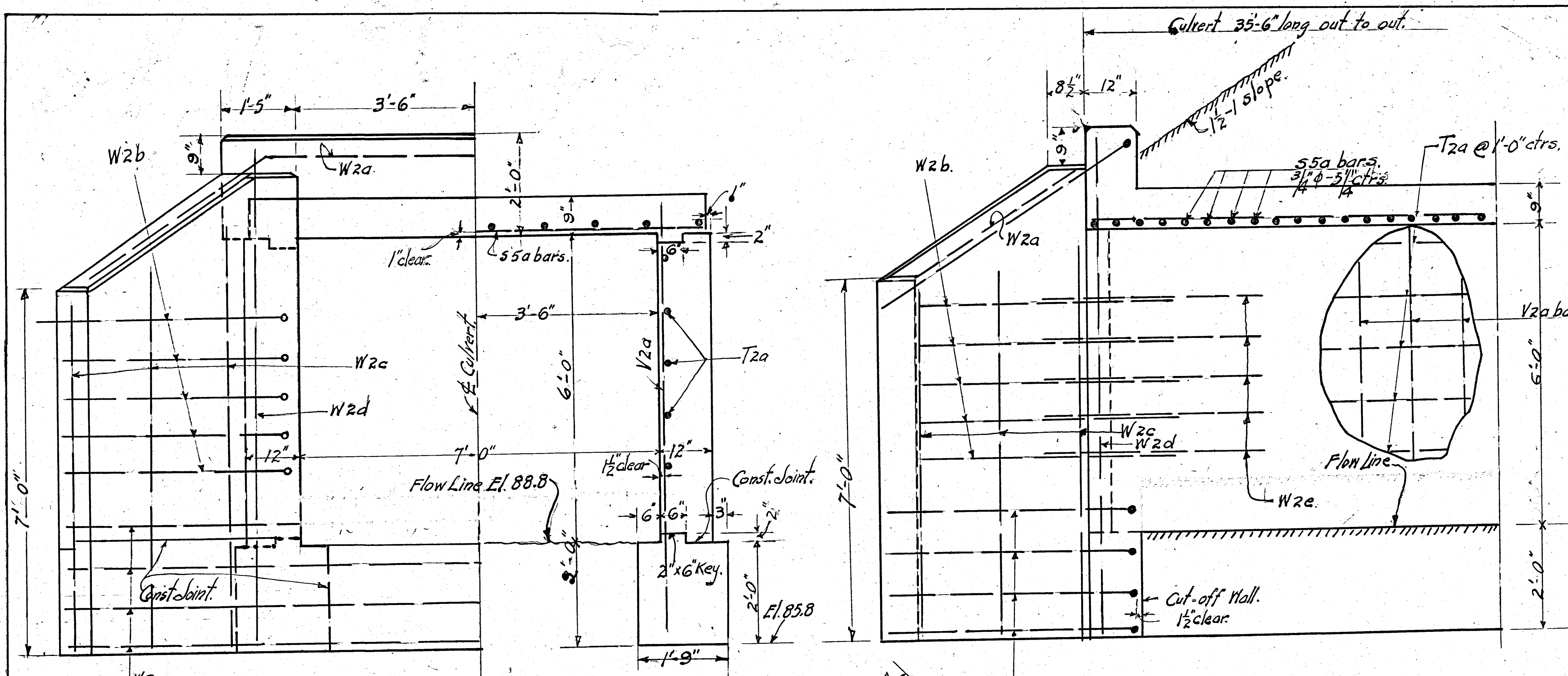


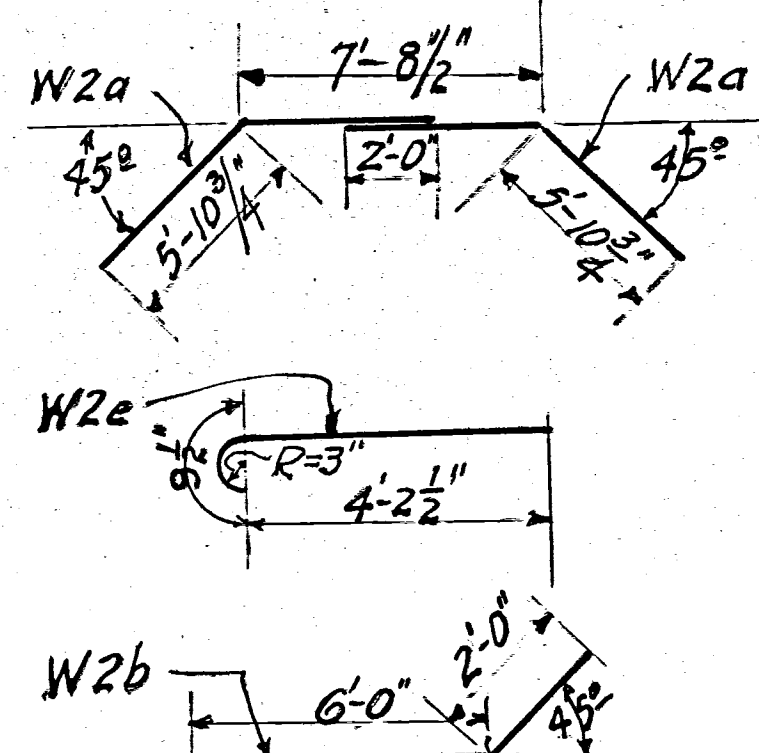


HALF END VIEW.

HALF SECTION.

Scale $\frac{3}{4}'' = 1'-0''$

CONCRETE MIX.
Footings 1:6½.
Balance of structure 1:5½.



BAR BENDING DIAGRAMS.

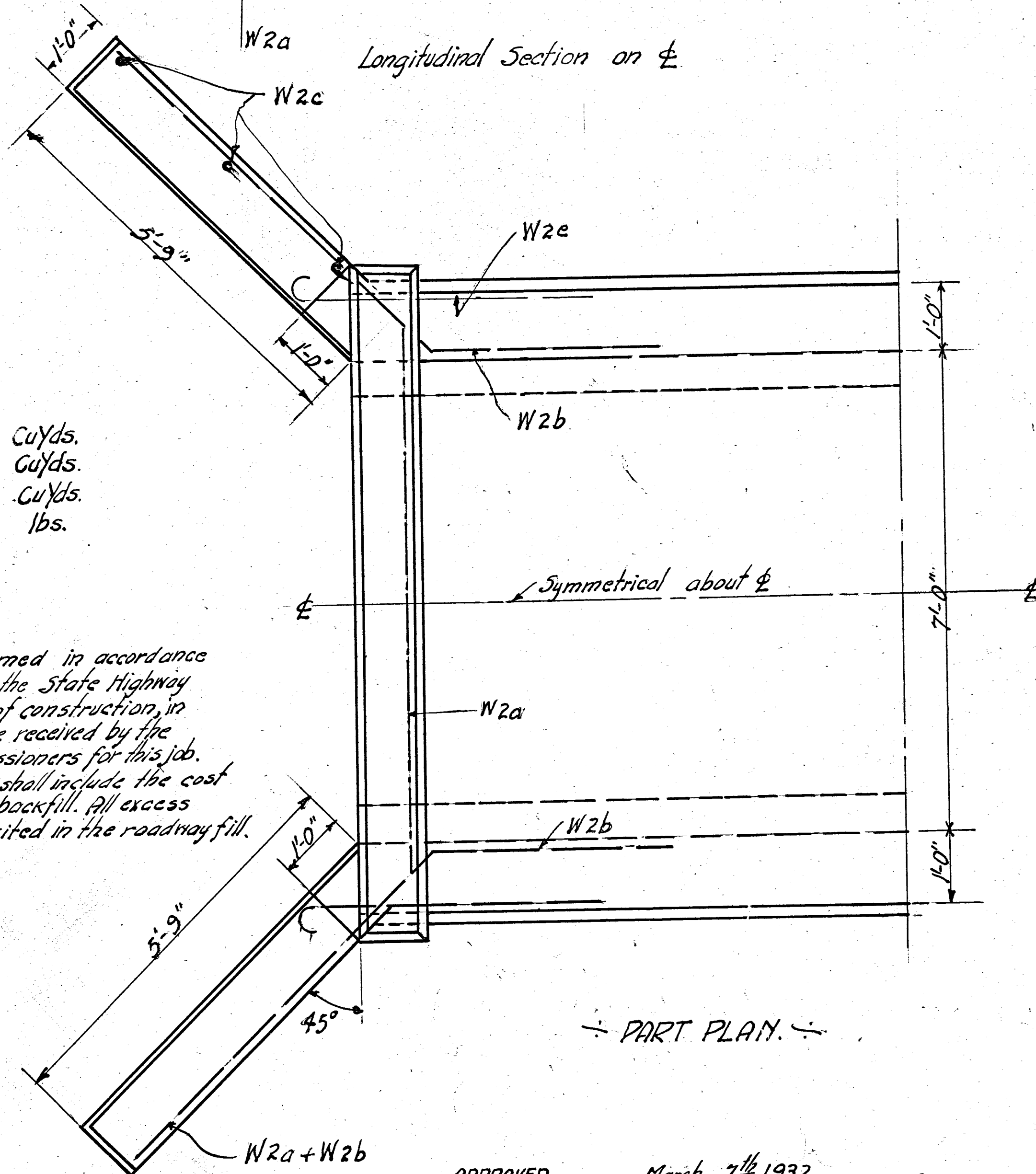
ESTIMATE OF QUANTITIES.

Excavation-unclassified-	30.4 CuYds.
Concrete-1:6½ mix.	9.6 CuYds.
Concrete-1:5½ mix.	33.3 CuYds.
Reinforcing Steel	2288.0 lbs.

Note:

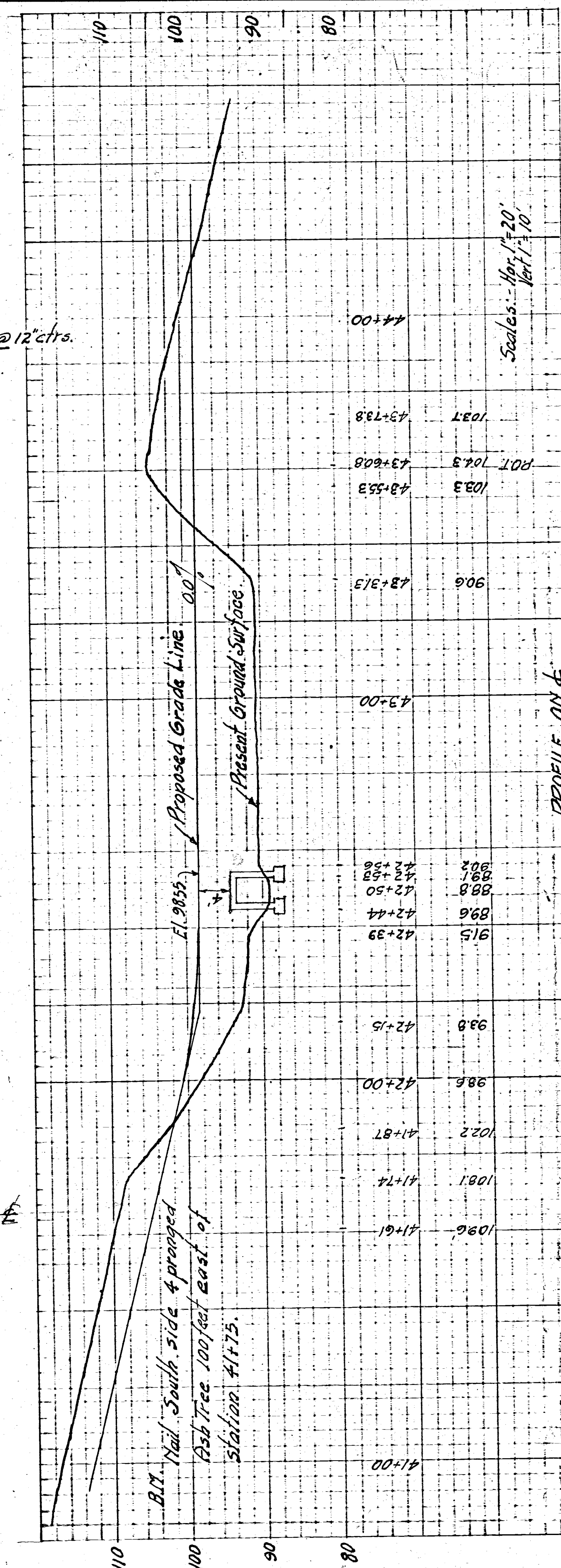
All work shall be performed in accordance with the specifications of the State Highway Department for this type of construction in effect on the day bids are received by the Muskingum County Commissioners for this job. Price bid for excavation shall include the cost of making all necessary backfill. All excess excavation shall be deposited in the roadway fill.

REINFORCING STEEL				
BAR	NO	SIZE	LENGTH	WEIGHT.
FOUR WING WALLS.				
W2a	20	1/2" φ	8'-0"	355 lbs.
W2b	20	1/2" φ		
W2c	12	1/2" φ		
W2d	4	1/2" φ		
W2e	20	1/2" φ		
V2a	4	1/2" φ	8'-0"	
SLAB REINFORCEMENT.				
S3a	82	3/4" φ	8'-6"	1204 lbs.
T2a	7	1/2" φ	35'-0"	
HEADERS AND C.O. WALLS.				
W2a	20	1/2" φ	9'	65 lbs.
TWO SIDE WALLS AND FOOTINGS.				
V2a	71	1/2" φ	8'-0"	664 lbs.
T2a	12	1/2" φ	35'-0"	

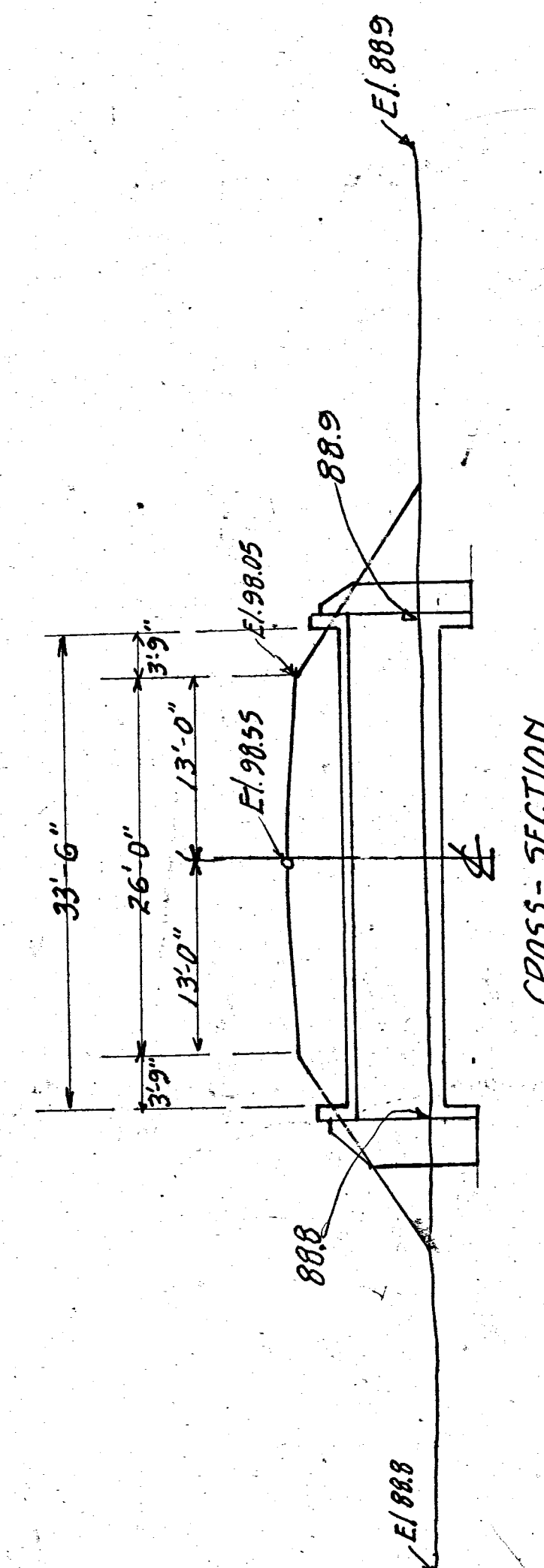


Longitudinal Section on ϕ

PART PLAN.



PROFILE ON ϕ



CROSS-SECTION.

DESIGN OF SLAB TOP CULVERT.

for
SWALE ON THE KARDAGHAN FARM.
Road #196. Salt Creek Twp.
Muskingum County.
OHIO

Scale $\frac{3}{4}'' = 1'-0''$ Nov. 14, 1931.
George R. Evans, County Surveyor.

M.E. Qr. Sec #16.
Qr. Tp. #2, R. #12, Tp. #13.

APPROVED March 7th 1932.
County Surveyor.
County Commissioners.