

EAST & WEST ABUTMENTS

- 16 - 12" x 12" x 16' I BEAM PILINGNS - DROVE TO 10' PLUS
- 24 - 12" x 6" x 24' BACKING TIMBERS
- 16 - 12" x 6" x 22' BACKING TIMBERS
- 2 - 12" x 12" x 18' I BEAM BRIDGE SUPPORTS W/ VERTICAL SUPPORT @ BEAM & FOUNDATION LOCATIONS

RIP-RAP & FILL

MID-RIVER PILING

- 4 - 18" x 16' ROUND PILING
- 4 - 18" x 15' ROUND PILING SET @ 60° ANGLE W/ 4 - 2' x 4' x 8' CONCRETE FOUNDATIONS
OR / MOUNT TO BED ROCK
- 2 - 12" x 18' I BEAM BRIDGE SUPPORTS W/ VERTICAL SUPPORT @ BEAM LOCATIONS

DECK

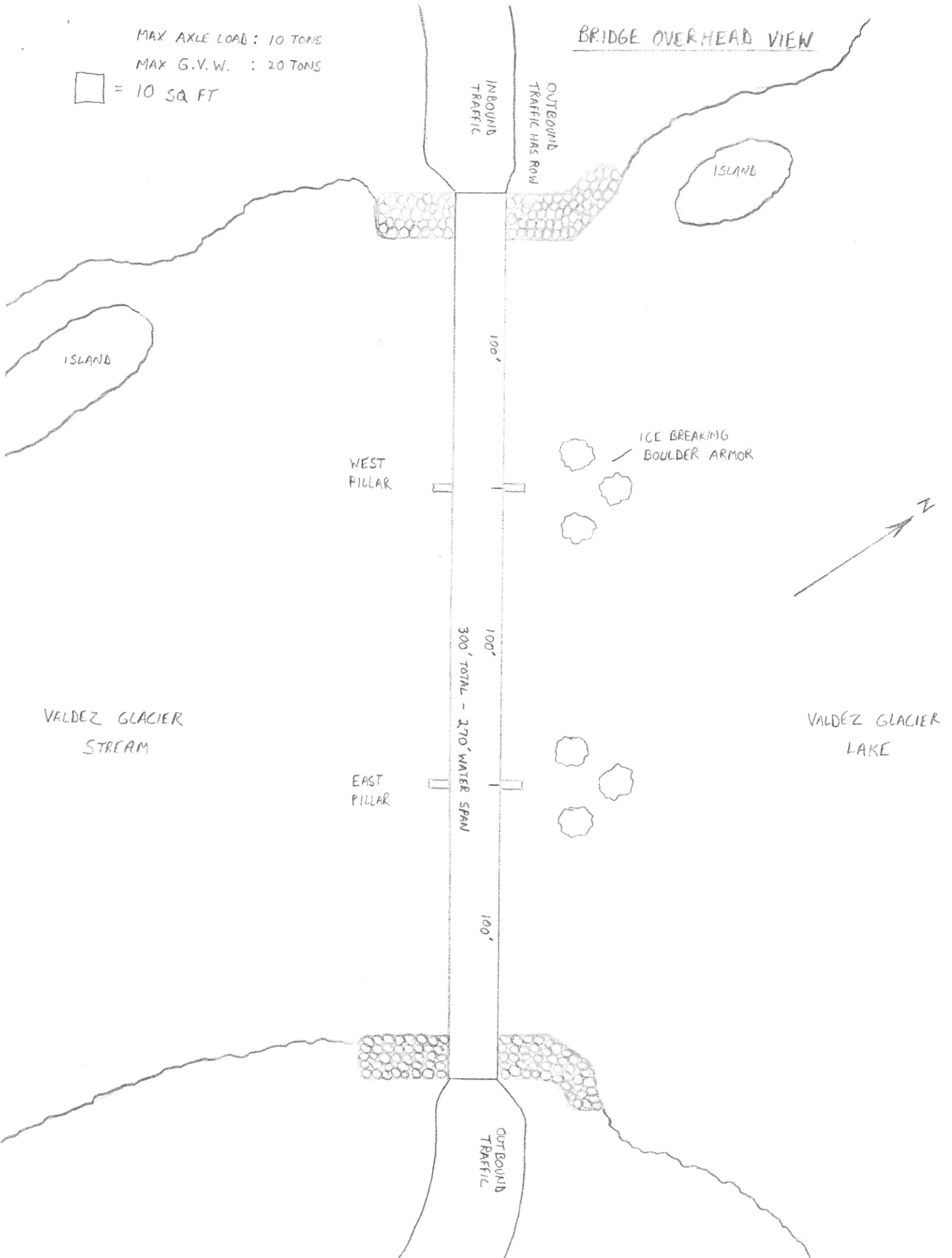
- 12 - 24" x 100' I-BEAMS
- 1,800' 12" x 6" MOUNTING TIMBERS
- 300 - 12" x 6" x 16' SUB-DECK TIMBERS
- 4,200' 12" x 6" DECKING & GAURD RAIL TIMBERS
- 100 - 6" x 6" x 5' GUARD RAIL UPRIGHTS
- 600' GALVANIZED GUARD RAIL

BOLTS, NUTS, PLATES, SPACERS, ECT.

MAX G.V.W. : 20 TONS

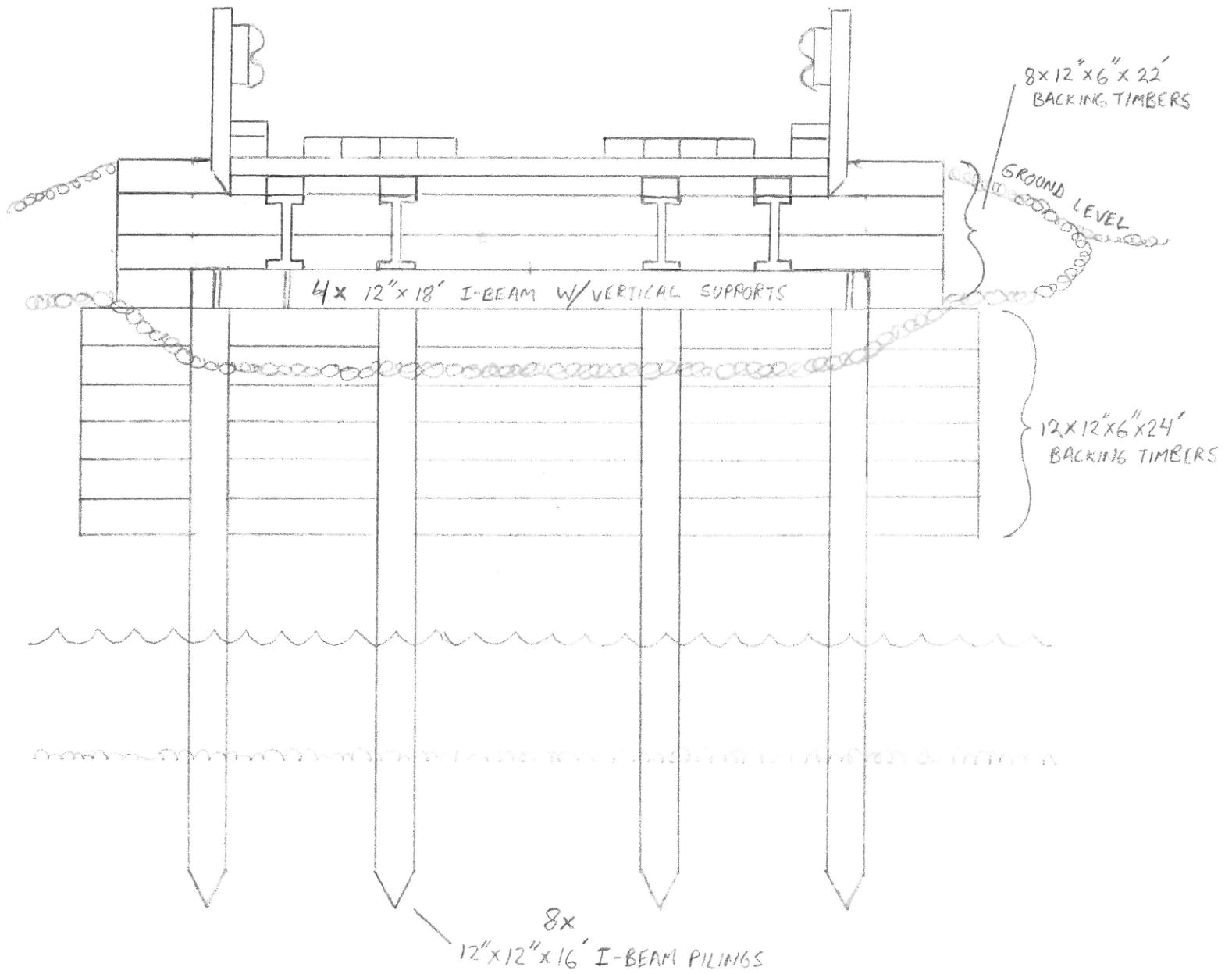
$\square = 10 \text{ SQ FT}$

BRIDGE OVERHEAD VIEW



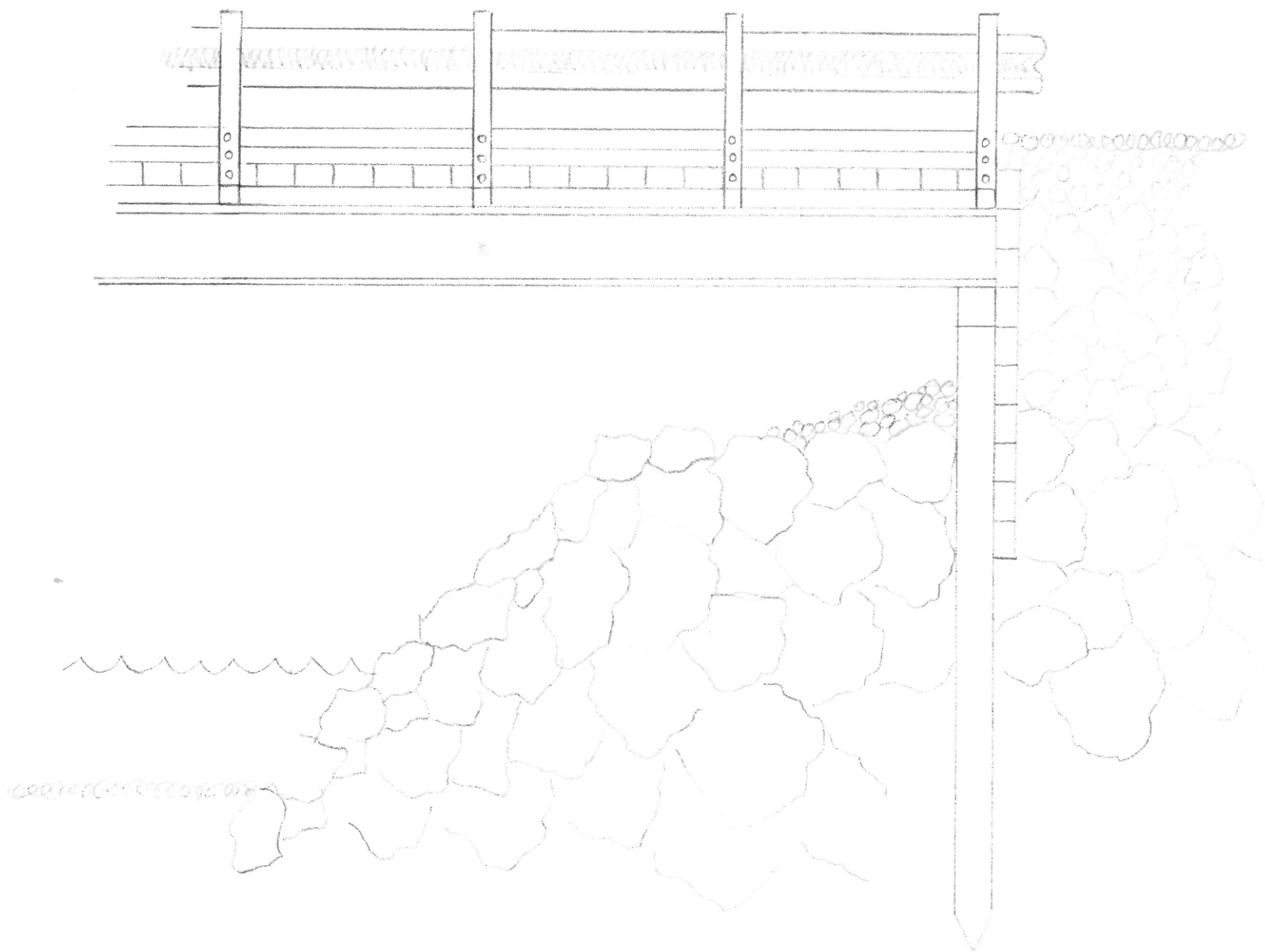
□ = 1 SQ. FT.

FRONT VIEW OF BRIDGE ABUTMENT



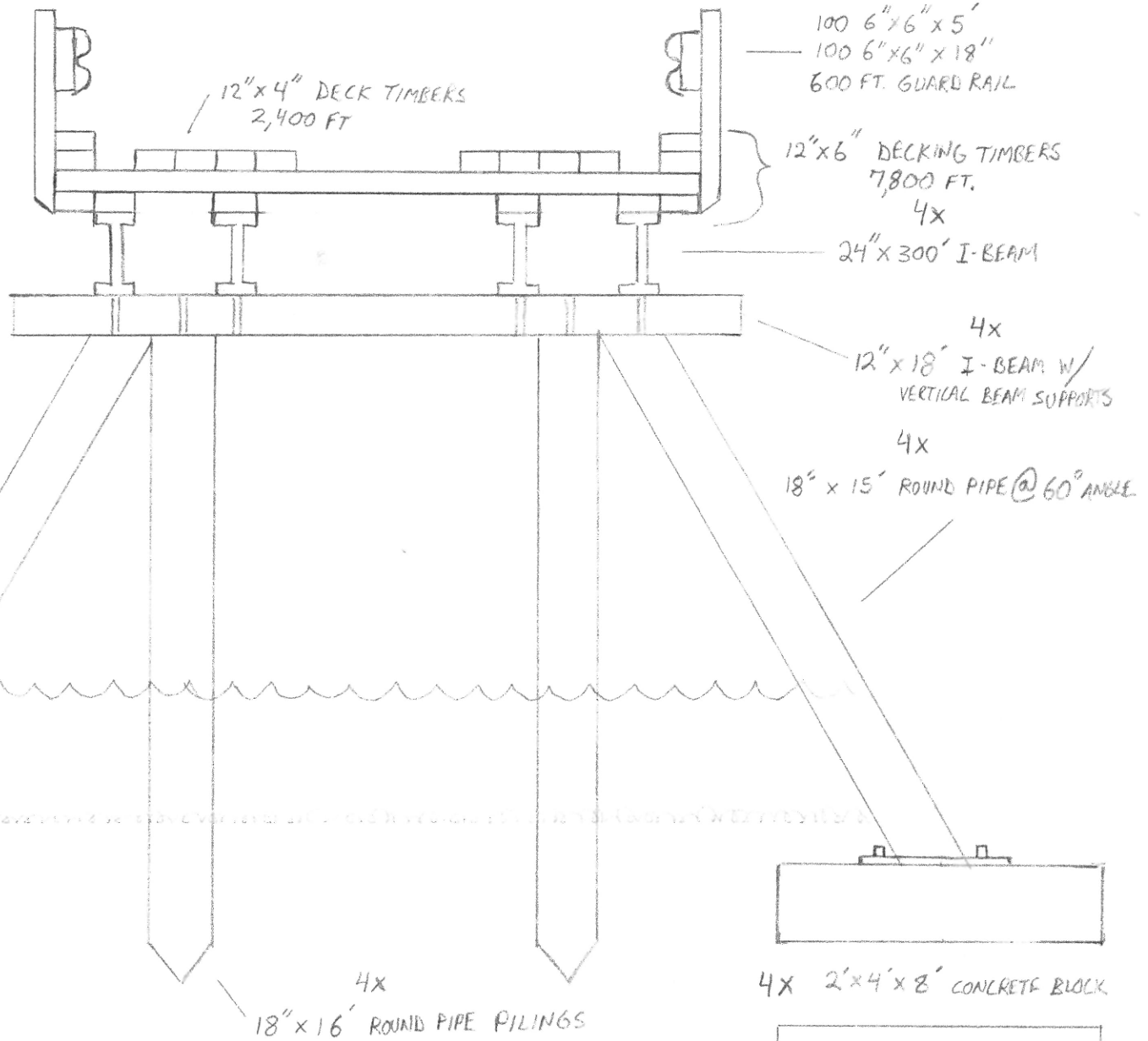
□ = 1 SQ. FT.

SIDE VIEW OF BRIDGE ABUTMENT



□ = 1 SQ. FT.

MID-RIVER PILINGS & SUPPORT



OR
MOUNT DIRECTLY TO BED ROCK