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

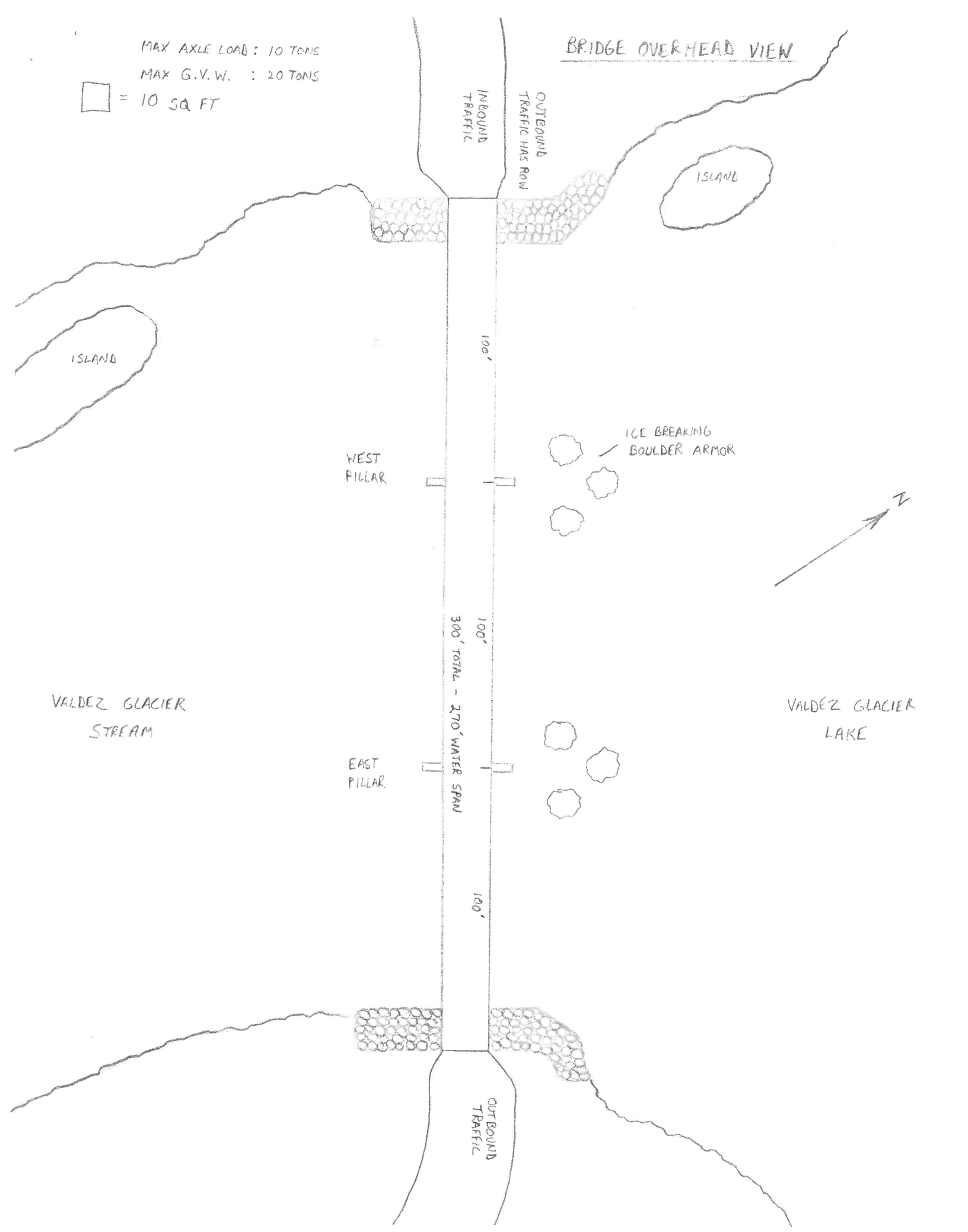
MID-RIVER PILINGS

4 - 18" x 16' ROUND PILINGS
4 - 18" x 15' ROUN PILINGS SET @ 60° ANGLE W/ 4 - 2'x4'x8' CONCRETE FOUNDATIONS OR/ MOUNT TO BED ROCK
2 - 12" x 18' I BEAM BRIDGE SUPPORTS W/ VERTICAL SUPPORT @ BEAM LOCATIONS

DECK

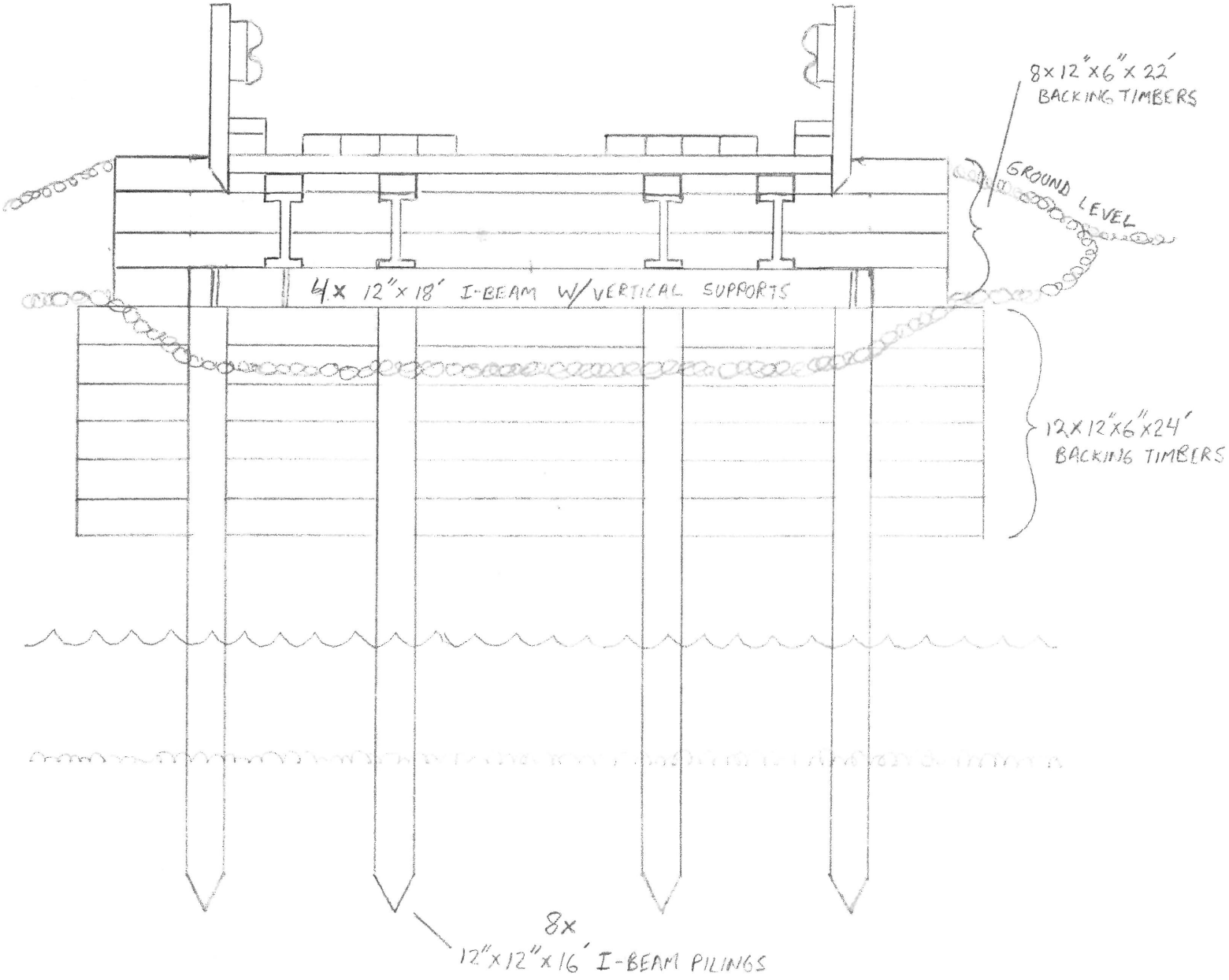
12 - 24" x 100' I-BEAMS
1,800' 12" x 6" MOUNTING TIMBERS
300 - 12" x 6" x 16' SUB-DECK TIMBERS
4,200' - 12" x 6" DECKING & GAURD RAIL TIMBERS
100 - 6" x 6" x 5' GUARD RAIL UPRIGHTS
600' GALVANIZED GUARD RAIL

BOLTS, NUTS, PLATES, SPACERS, ECT.


MAX AXLE LOAD : 10 TONS
MAX G.V.W. : 20 TONS
= 10 SQ FT
BRIDGE OVERHEAD VIEW
INBOUND TRAFFIC
OUTBOUND TRAFFIC HAS ROW
ISLAND
ISLAND
100'
ICE BREAKING BOULDER ARMOR
WEST PILLAR
N
100'
300' TOTAL - 270' WATER SPAN
VALDEZ GLACIER STREAM
VALDEZ GLACIER LAKE
EAST PILLAR
100'
OUTBOUND TRAFFIC

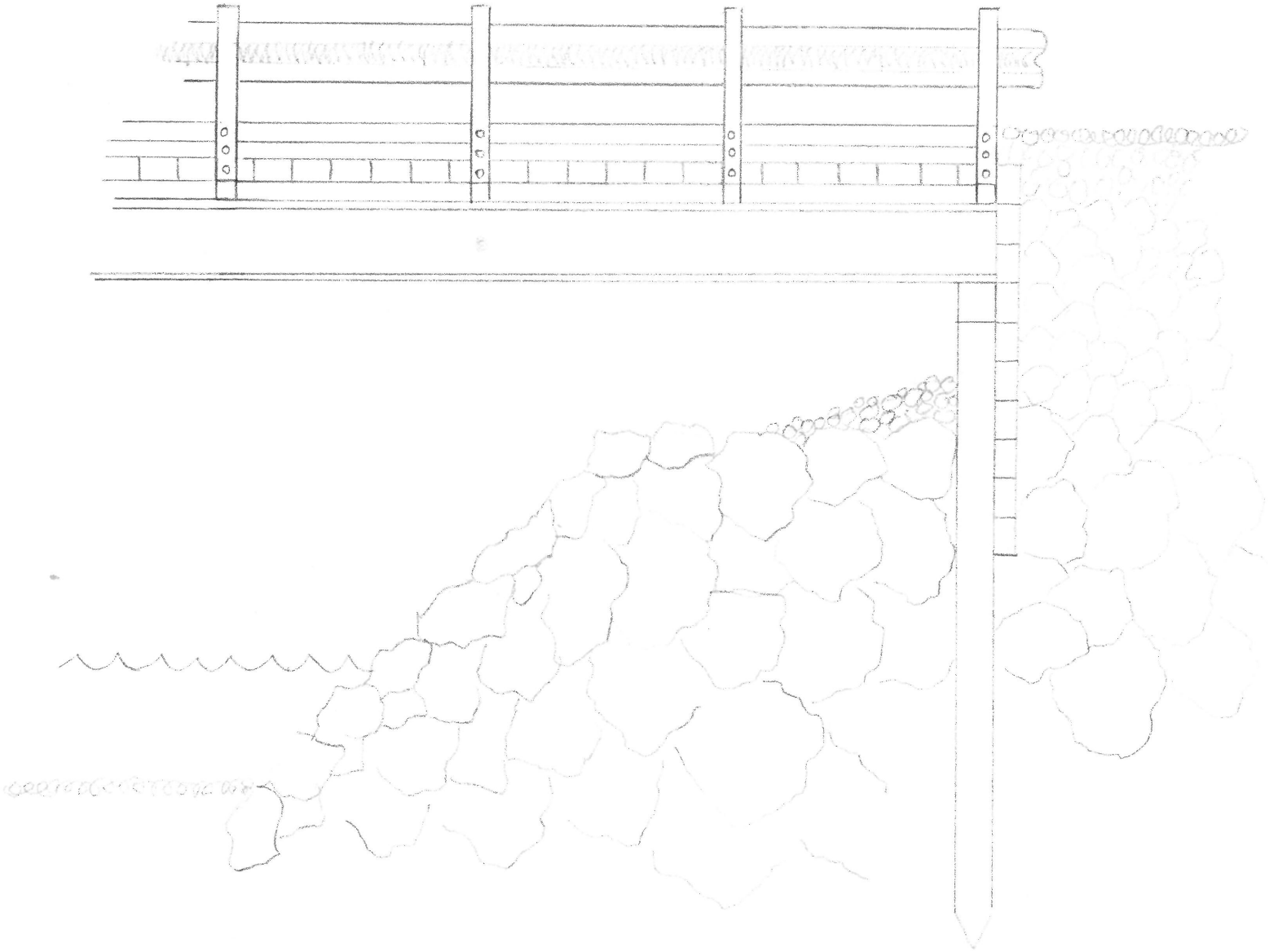
□ = 1 SQ FT.

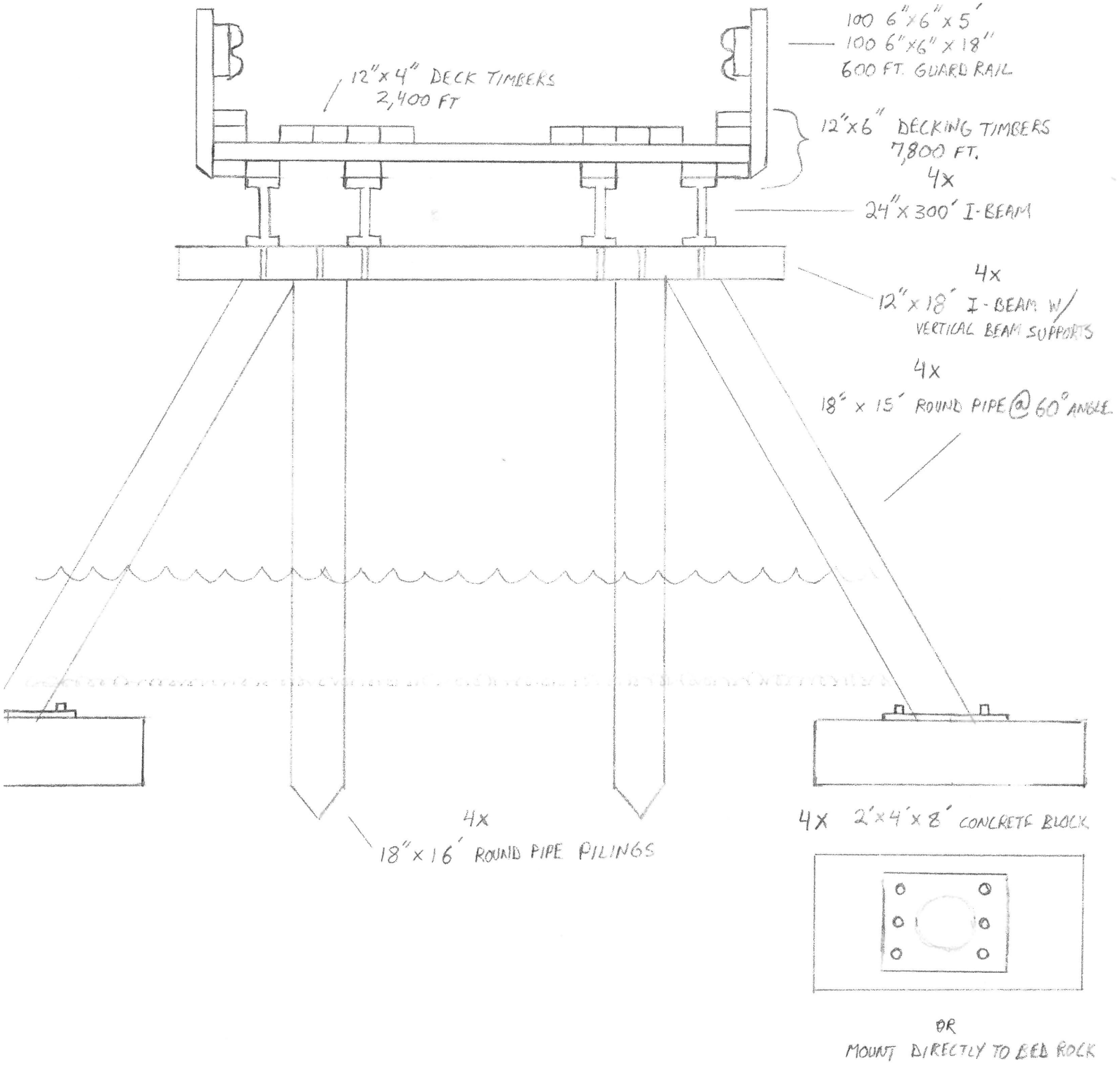
FRONT VIEW OF BRIDGE ABUTMENT



□ = 1 SQ FT.

SIDE VIEW OF BRIDGE ABUTMENT



□ = 1 SQ FT.

MID-RIVER PILINGS & SUPPORT