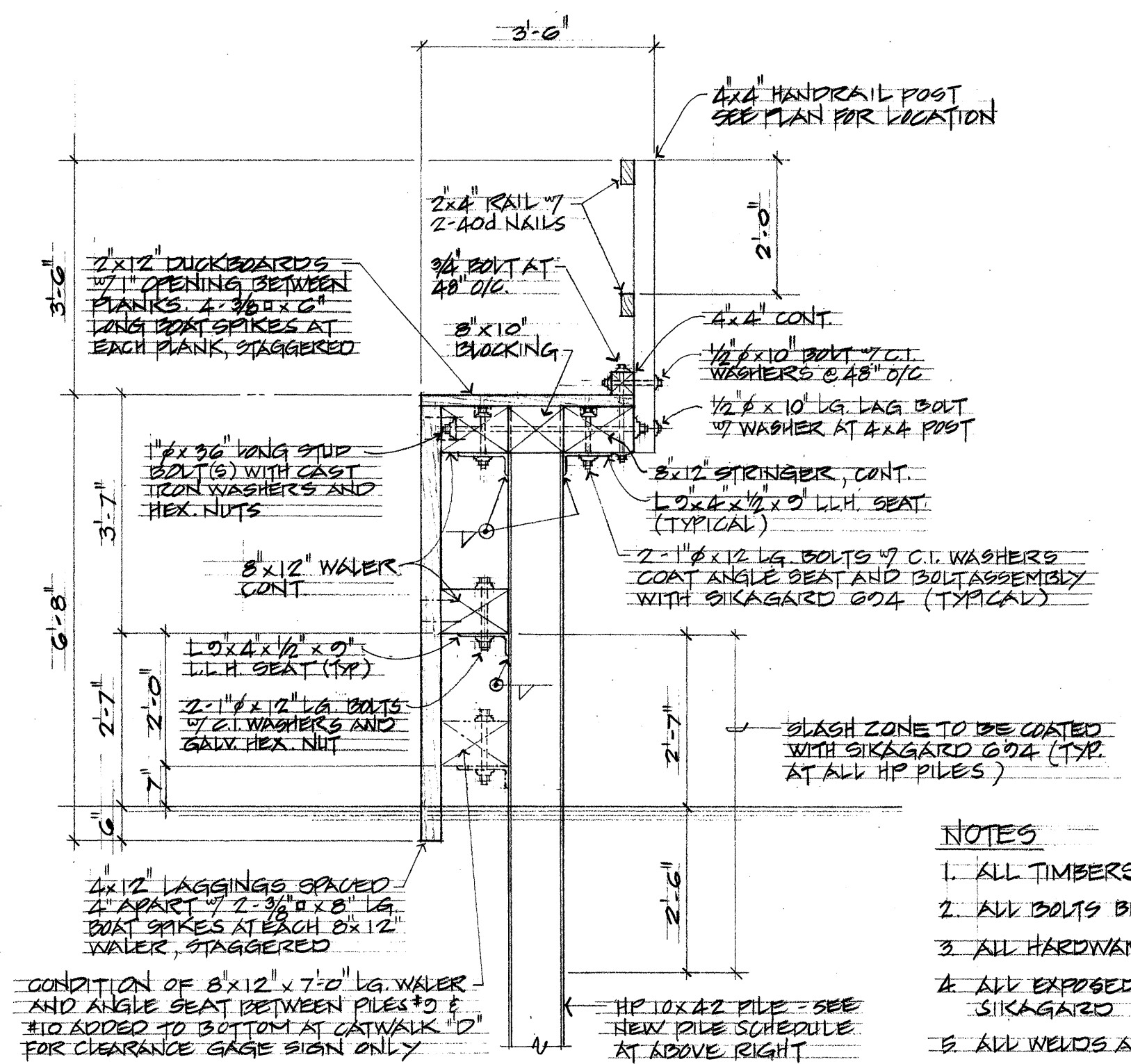
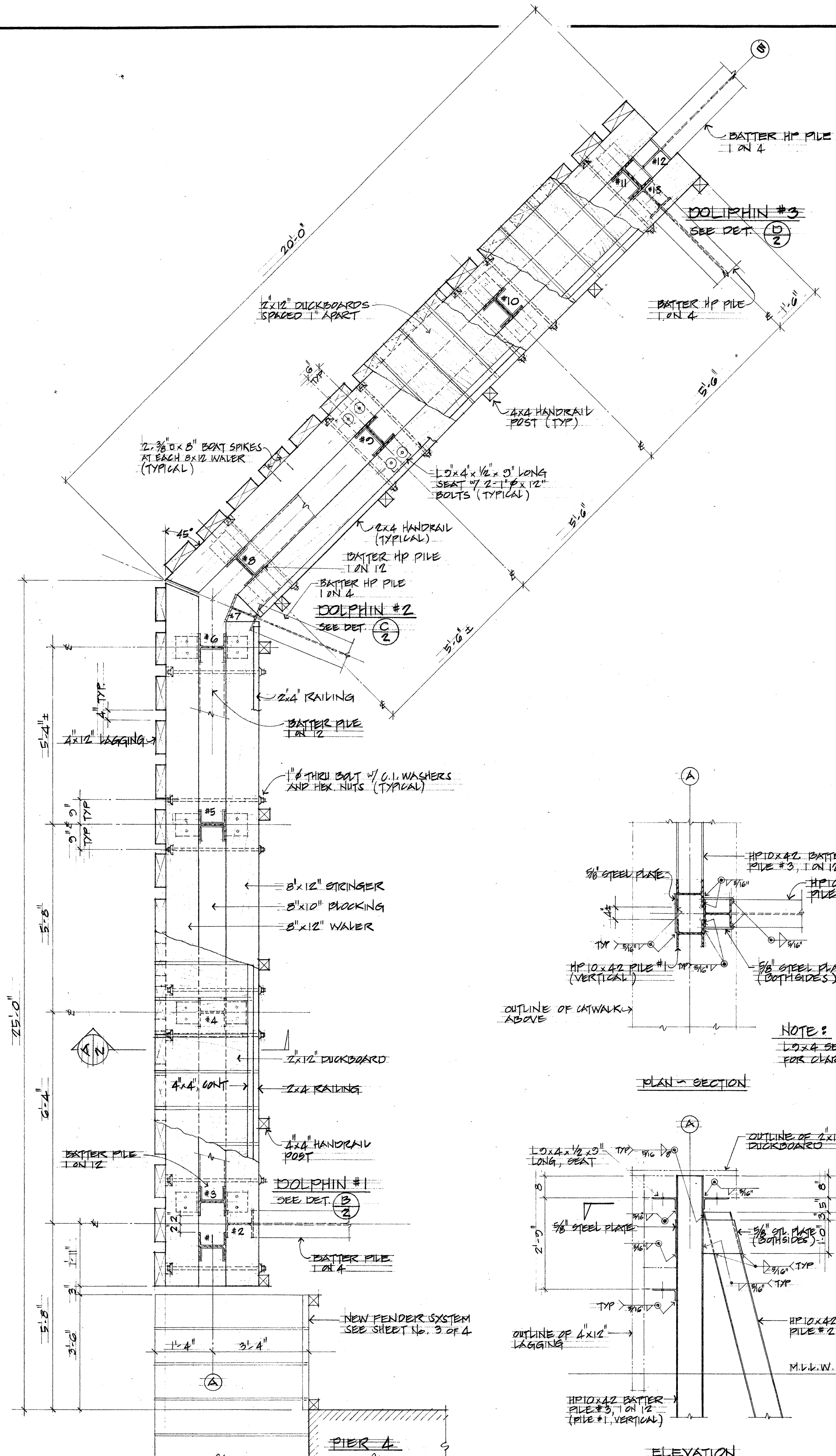
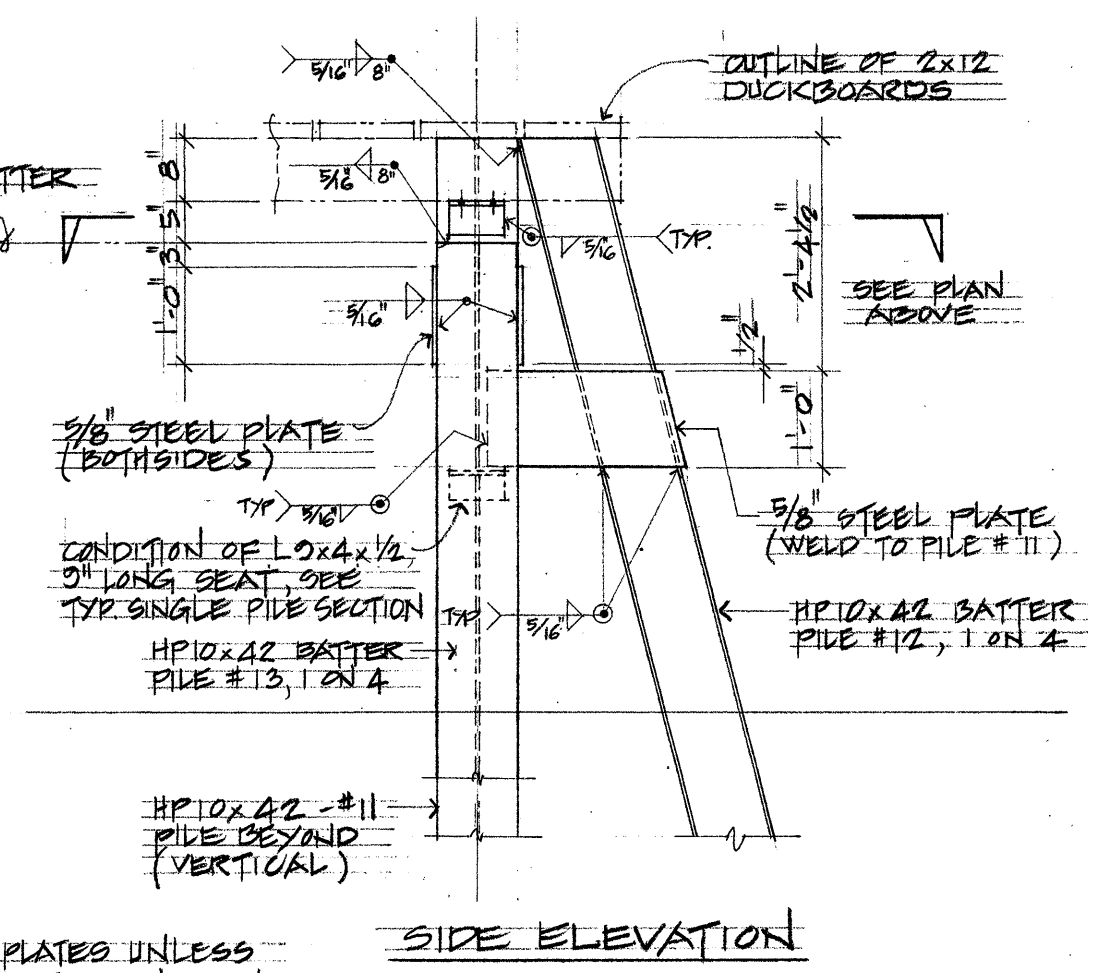
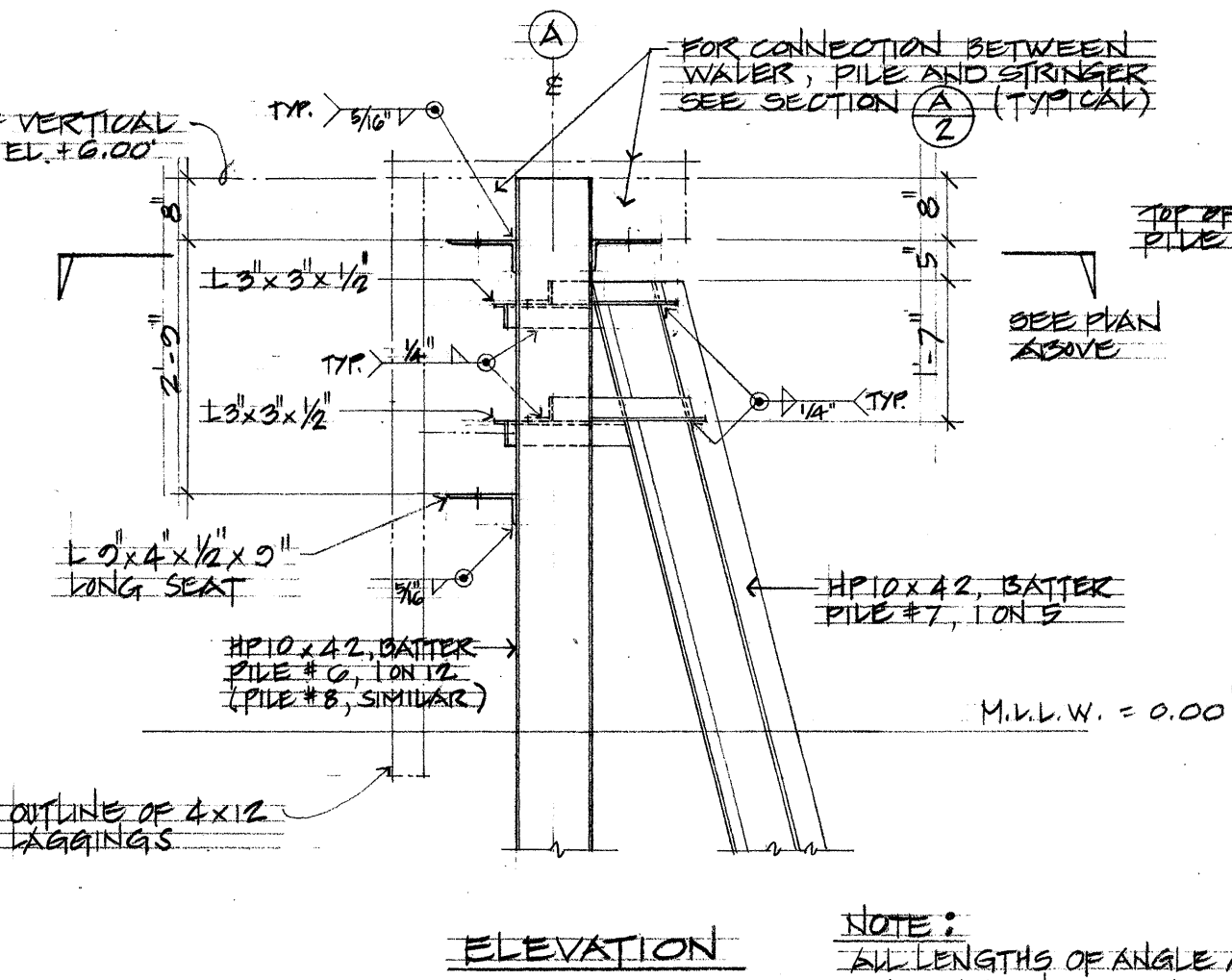
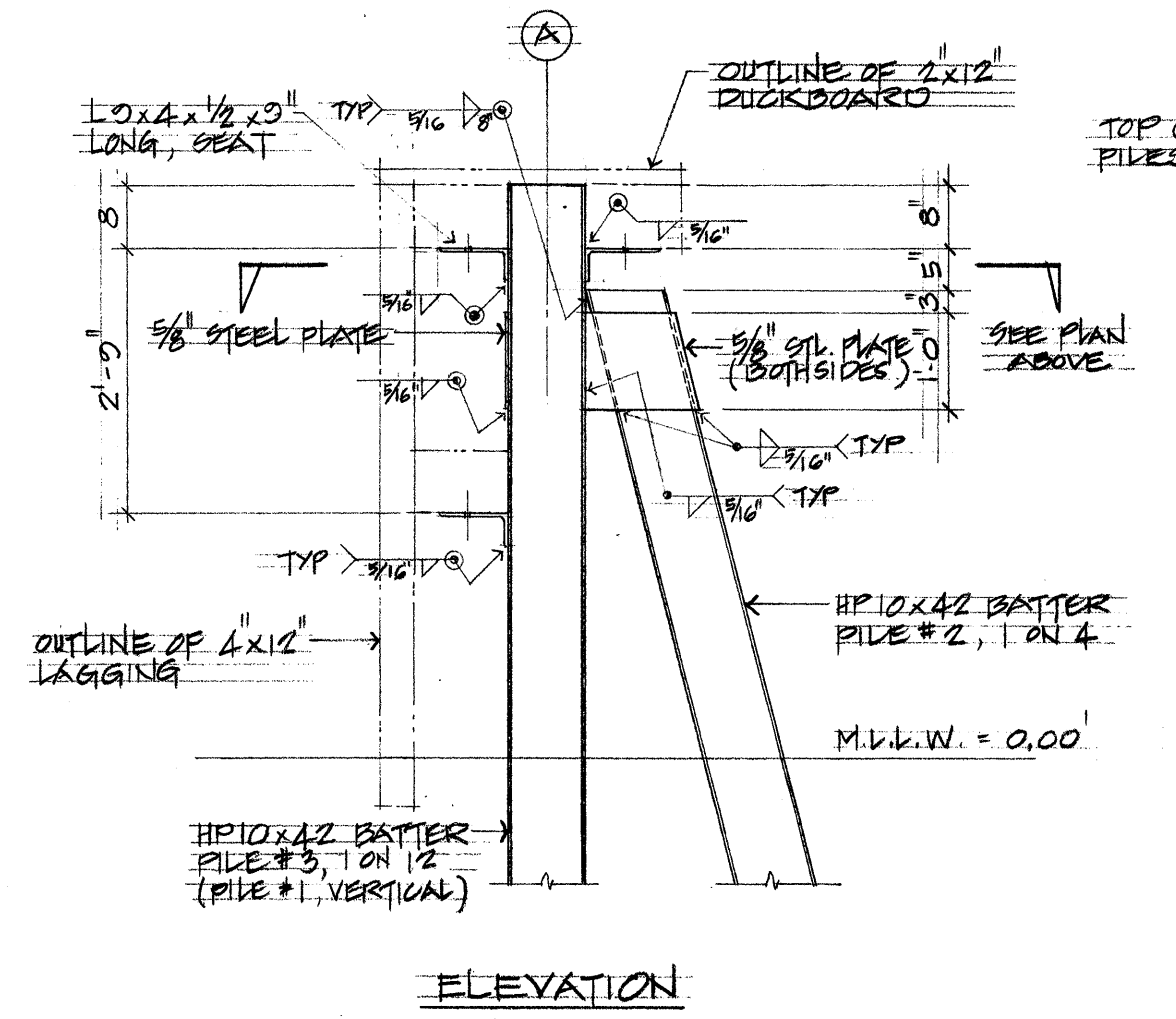
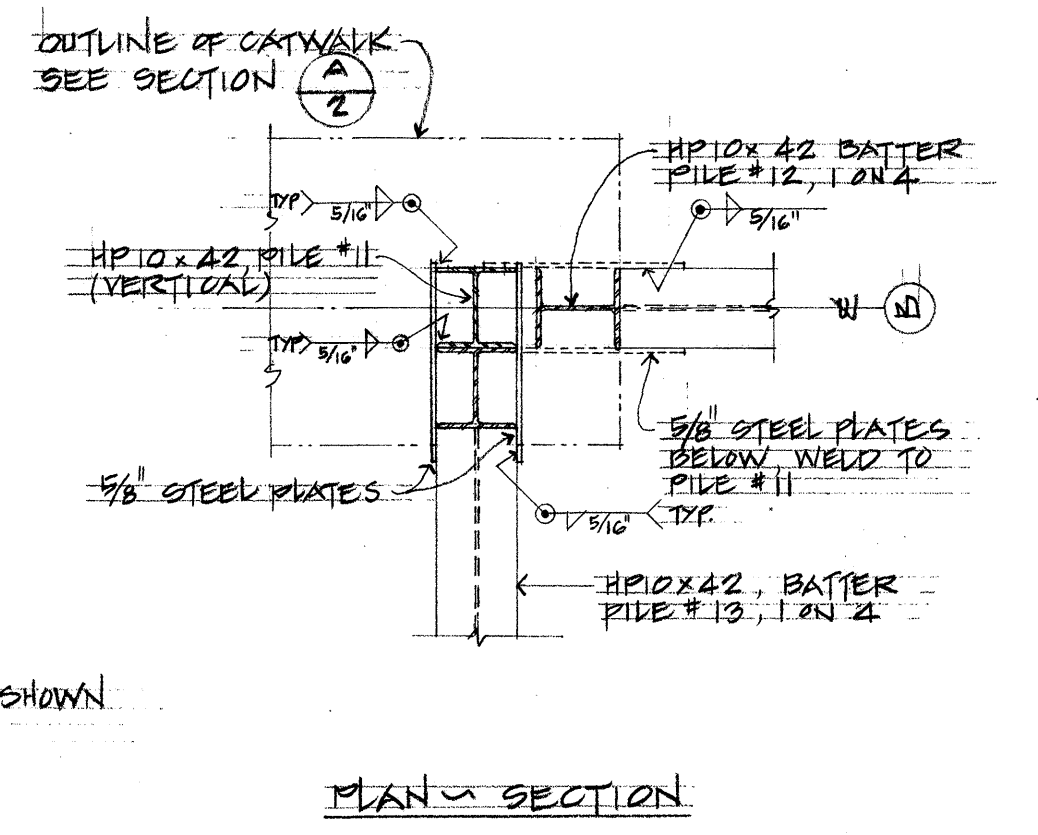
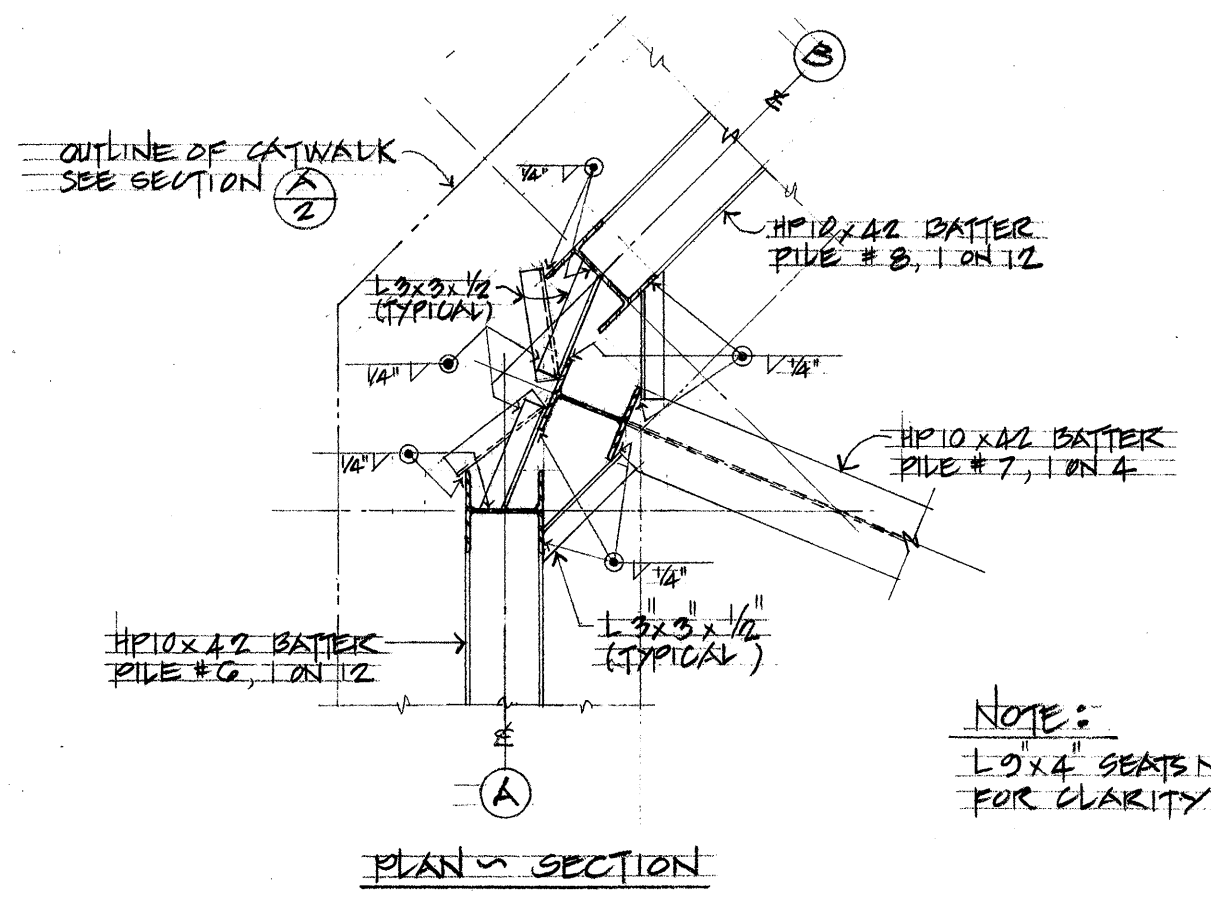
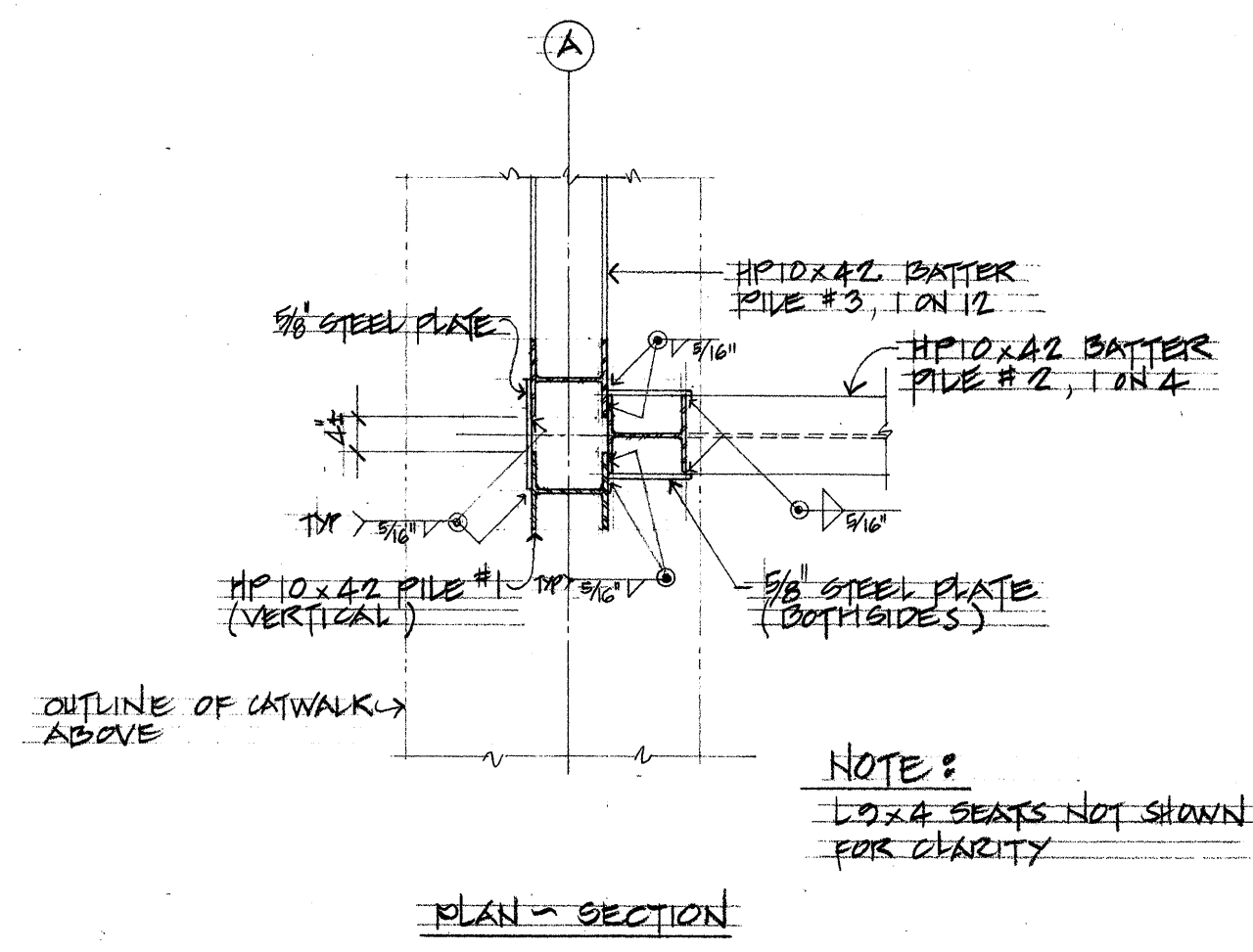




NEW PILE SCHEDULE		
LOCATION	VERTICAL PILE LENGTH	BATTER PILE LENGTH
CATWALK "A"	NOT IN CONTRACT	NOT IN CONTRACT
CATWALK "B"	70 FEET	67 FEET
CATWALK "C"	55 FEET	52 FEET
CATWALK "D"	55 FEET	52 FEET

NOTES:
 1. ALL NEW PILES SHALL BE STEEL HP 10x42 PILE. ALL STRUCTURAL STEEL SHALL BE ASTM A36.
 2. HAMMER SHALL BE IN THE 15,000 FT.-LB. ENERGY RANGE. BLOW COUNT SHALL BE AT LEAST 7 BLOWS/INCH FOR THE LAST 3 INCHES.

NOTES:
 1. ALL TIMBERS, BOLTS, NUTS, WASHERS ETC. TO BE NEW.
 2. ALL BOLTS BEARING ON TIMBER SHALL HAVE C.I. CGEE WASHERS.
 3. ALL HARDWARE SHALL BE HOT-DIPPED GALVANIZED.
 4. ALL EXPOSED BOLTS, NUTS AND WASHERS SHALL BE COATED WITH SIKAGARD 604 AFTER INSTALLATION.
 5. ALL WELDS AND MEMBERS WELDED SHALL BE COATED WITH SIKAGARD 604.
 6. ALL HANDRAILS, HANDRAIL POSTS & 4x4 CONT. MEMBERS SHALL BE SURFACED 4 SIDES. DUCKBOARDS, SURFACED 1 SIDE. ALL OTHER WOOD MEMBERS TO BE ROUGH.



B DOLPHIN #1
 SCALE: 1/2" = 1'-0"

C DOLPHIN #2
 SCALE: 1/2" = 1'-0"

D DOLPHIN #3
 SCALE: 1/2" = 1'-0"

SUBMITTED BY <i>Richard H. Esali</i>		RECOMMENDED BY: <i>Harry H. Mendenhall</i> ASSISTANT CHIEF OF HARBORS FOR ENGINEERING	
REV	DATE	DESCRIPTION	BY
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION			
JOB TITLE REPLACEMENT OF CATWALKS AT BASCULE BRIDGE HONOLULU, HAWAII			
SHEET TITLE NEW CATWALK AND DOLPHIN DETAILS			
DESIGNED BY: <i>Co-</i>	APPROVED BY: <i>[Signature]</i>		SHEET 2 OF 4 SHEETS
DRAWN BY: <i>RHD</i>	CHIEF, HARBORS DIVISION		
CHECKED BY: <i>Co</i>	JOB NUMBER		
DATE: <i>APRIL 1980</i>	H.C. 1368		
SCALE: AS NOTED			