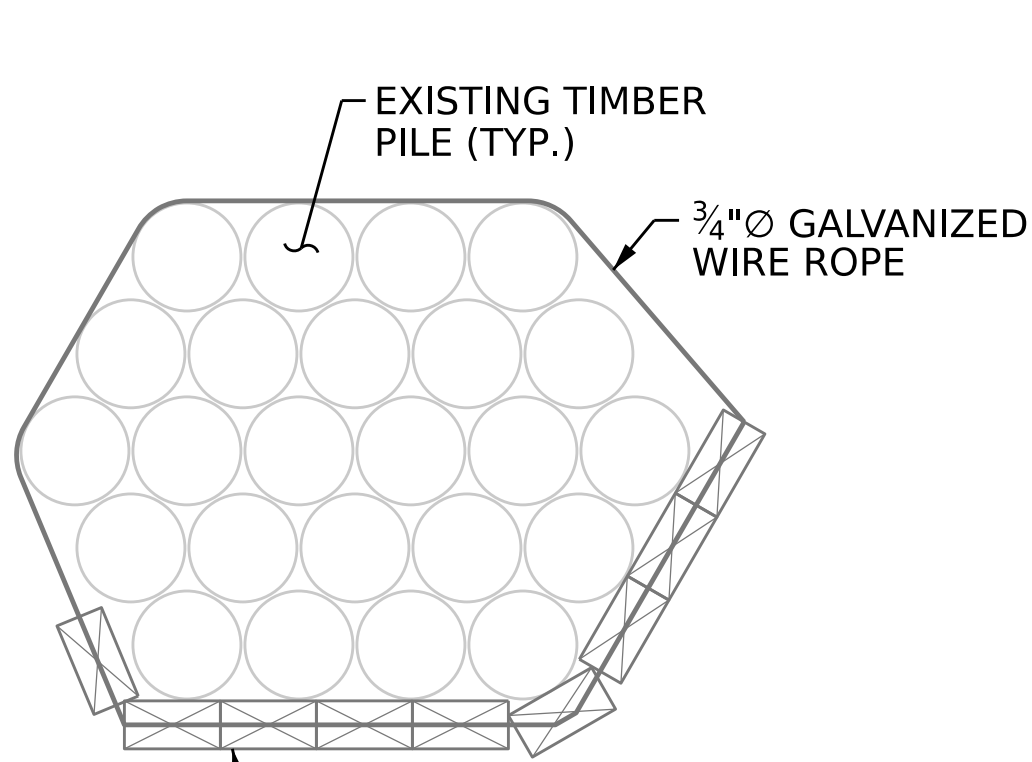
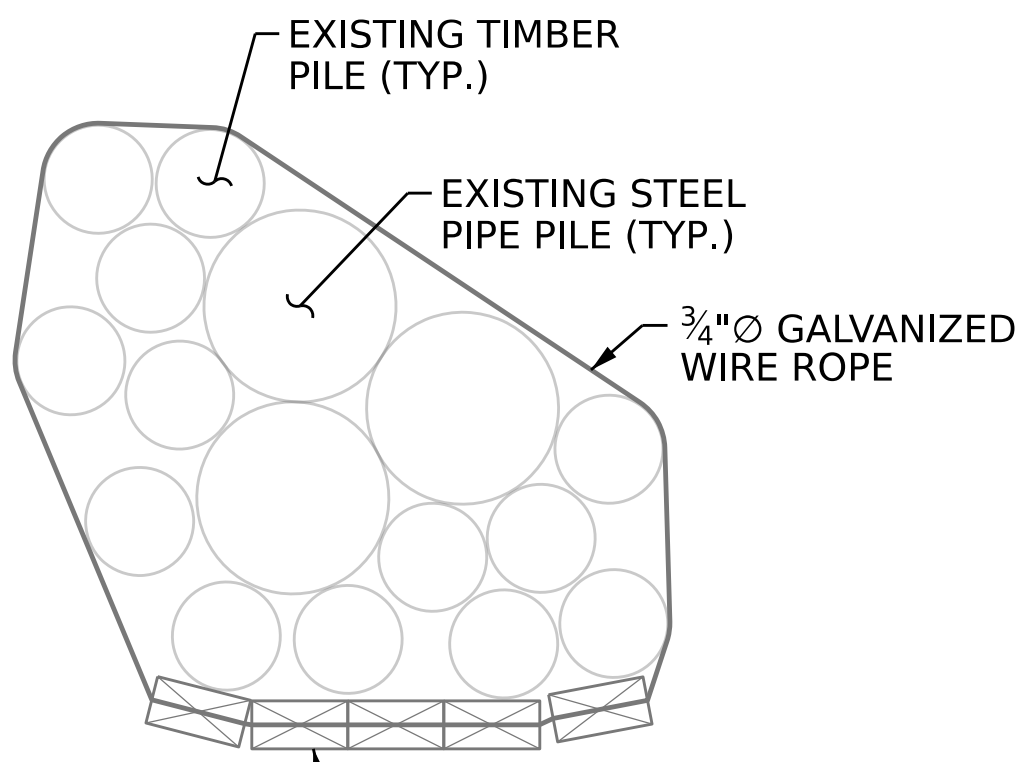
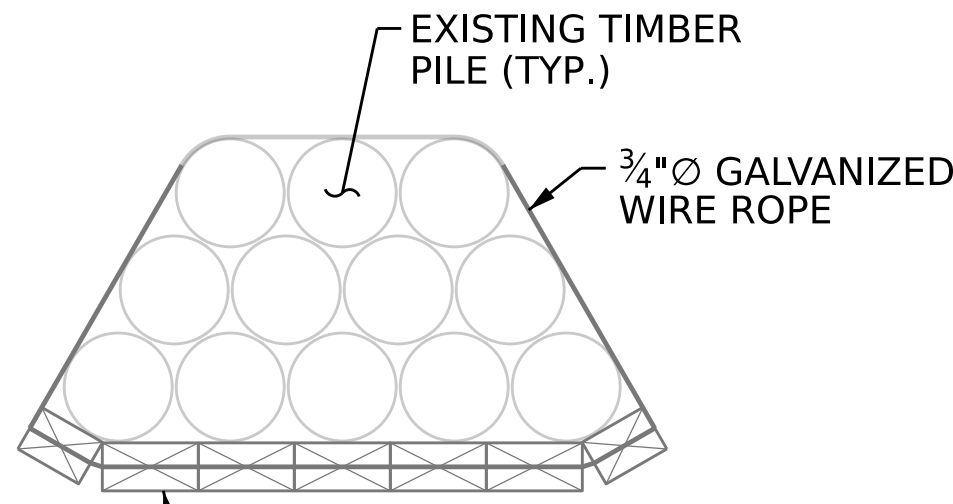




PLAN



PLAN



PLAN

NOTES

FOR DOLPHIN FENDERS, SEE SPECIAL PROVISIONS.

ATTACH THE 6" x 12" WHITE OAK FENDERS TO EXISTING DOLPHINS WITH 3/4" Ø WIRE ROPE THROUGH THE OAK, OVER AND AROUND DOLPHINS AS SHOWN. SECURE THE 3/4" Ø WIRE ROPE WITH 3/8" SQUARE STAPLES AND TWO CABLE CLAMPS AT EACH END.

GALVANIZED WIRE ROPE USED FOR INSTALLING UNTREATED WHITE OAK TIMBER FENDERS SHALL CONFORM TO ASTM A603 CLASS B. STAINLESS STEEL WIRE ROPE SHALL CONFORM TO ASTM A580 TYPE 316.

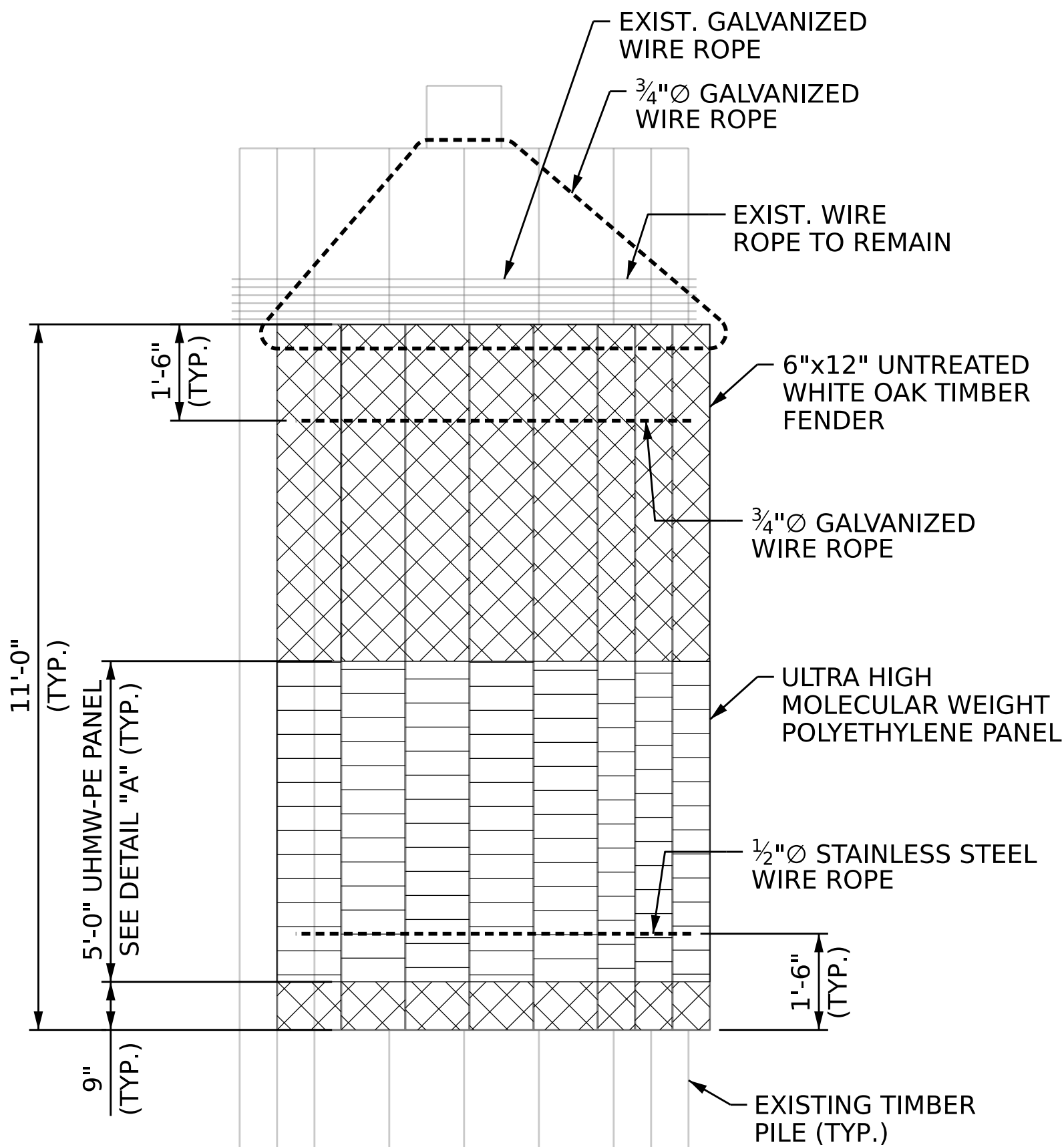
ALL HARDWARE SHALL BE GALVANIZED UNLESS OTHERWISE NOTED.

THE 6" x 12" UNTREATED WHITE OAK TIMBER FENDERS SHALL BE FACED AS SHOWN WITH 2" THICK x 12" WIDE x 5'-0" LONG ULTRA HIGH MOLECULAR POLYETHYLENE.

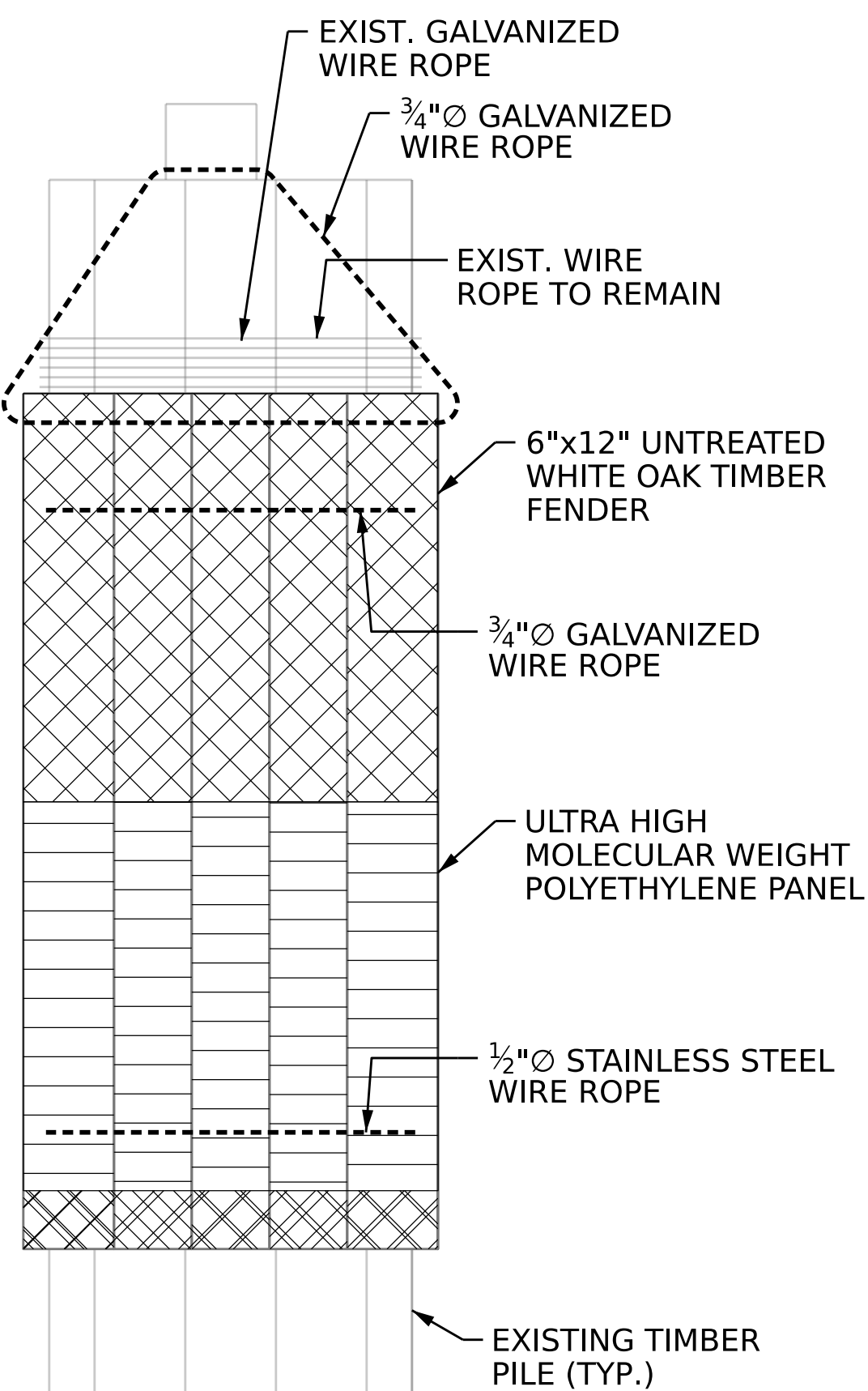
NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR WIRE ROPE USED TO INSTALL UNTREATED WHITE OAK TIMBER FENDER, HARDWARE, TOOLS, EQUIPMENT, OR LABOR. THIS WORK AND MATERIALS SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR UNTREATED STRUCTURAL TIMBER.

BOLTS FOR THE ATTACHMENT OF UHMW-PE FACING TO UNTREATED TIMBER WHITE OAK FENDERING SHALL BE IN ACCORDANCE WITH ASTM F593 GROUP 2 (TYPE 316 STAINLESS STEEL).

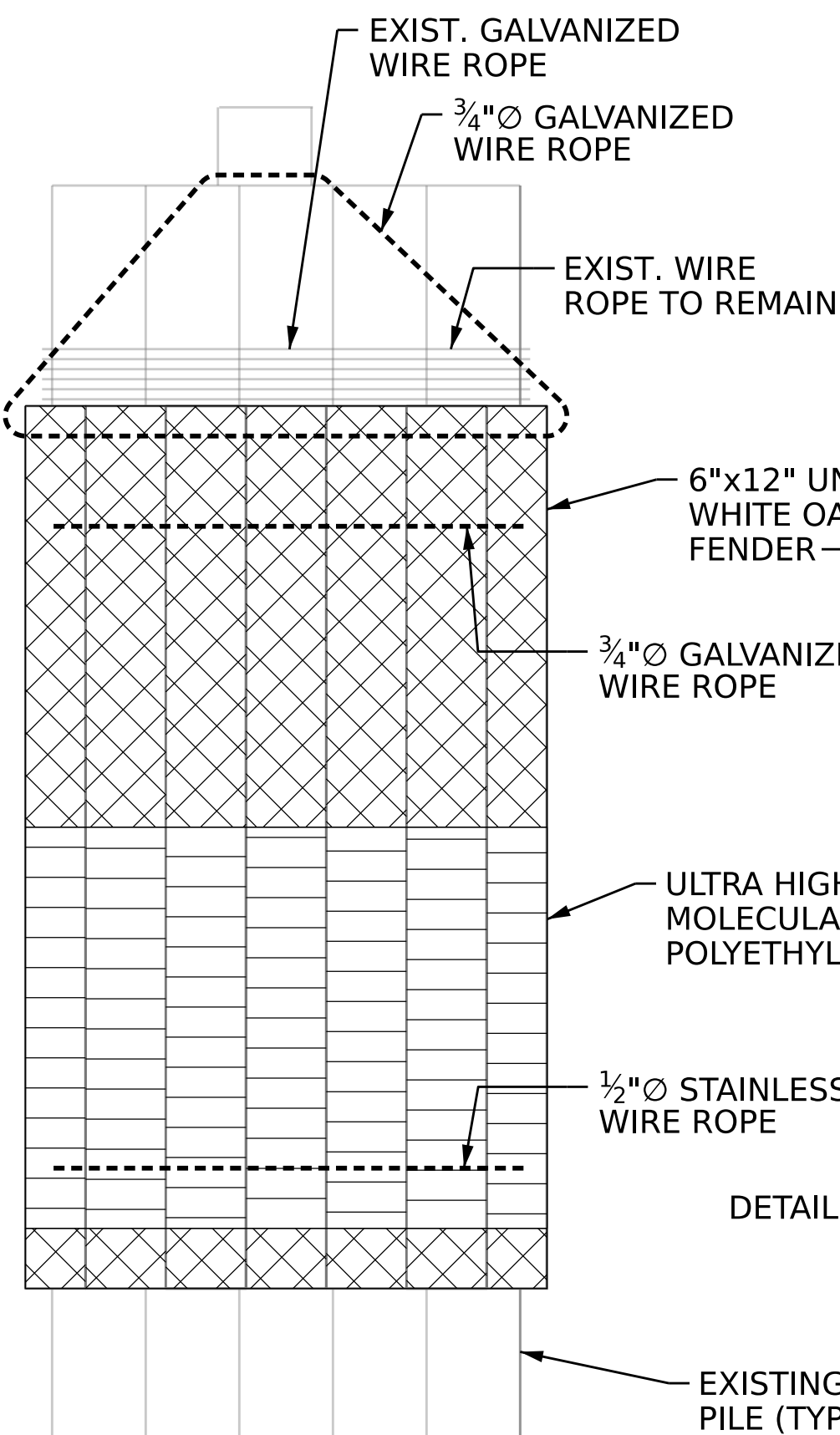
THE DOLPHIN CLASSIFICATIONS SHOWN ARE GENERAL. TURNING DOLPHINS GENERALLY REFER TO DOLPHINS AT THE SLIP ENTRANCE. RECEIVING DOLPHINS REFER TO DOLPHINS IMMEDIATELY IN FRONT OF THE RAMP. GUIDE DOLPHINS GENERALLY REFER TO DOLPHINS LINING THE SLIP. INDIVIDUAL DOLPHINS MAY VARY. CONTRACTOR SHALL FIELD VERIFY EXISTING PILE AND FENDER COUNTS FOR INDIVIDUAL DOLPHINS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN WRITING PRIOR TO ORDERING MATERIALS OF PERFORMING REPAIRS.



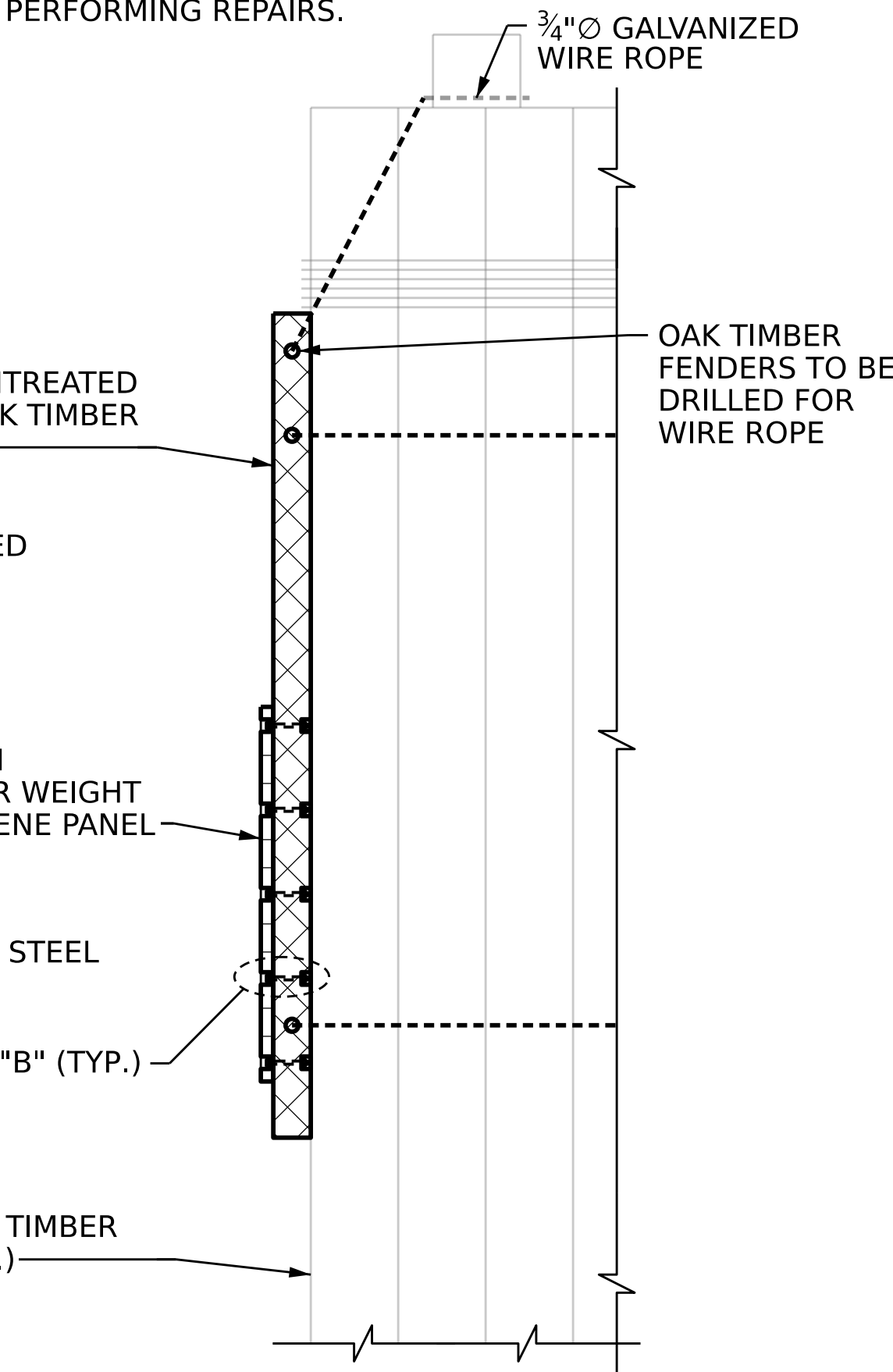
ELEVATION
TURNING DOLPHIN



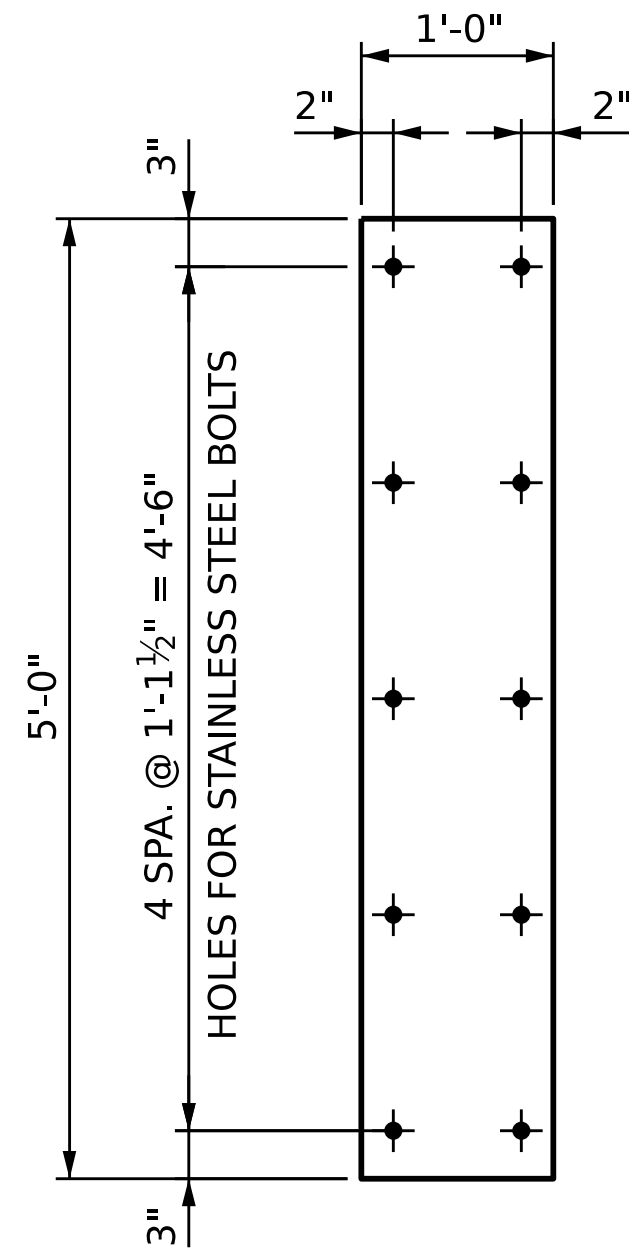
ELEVATION
RECEIVING DOLPHIN



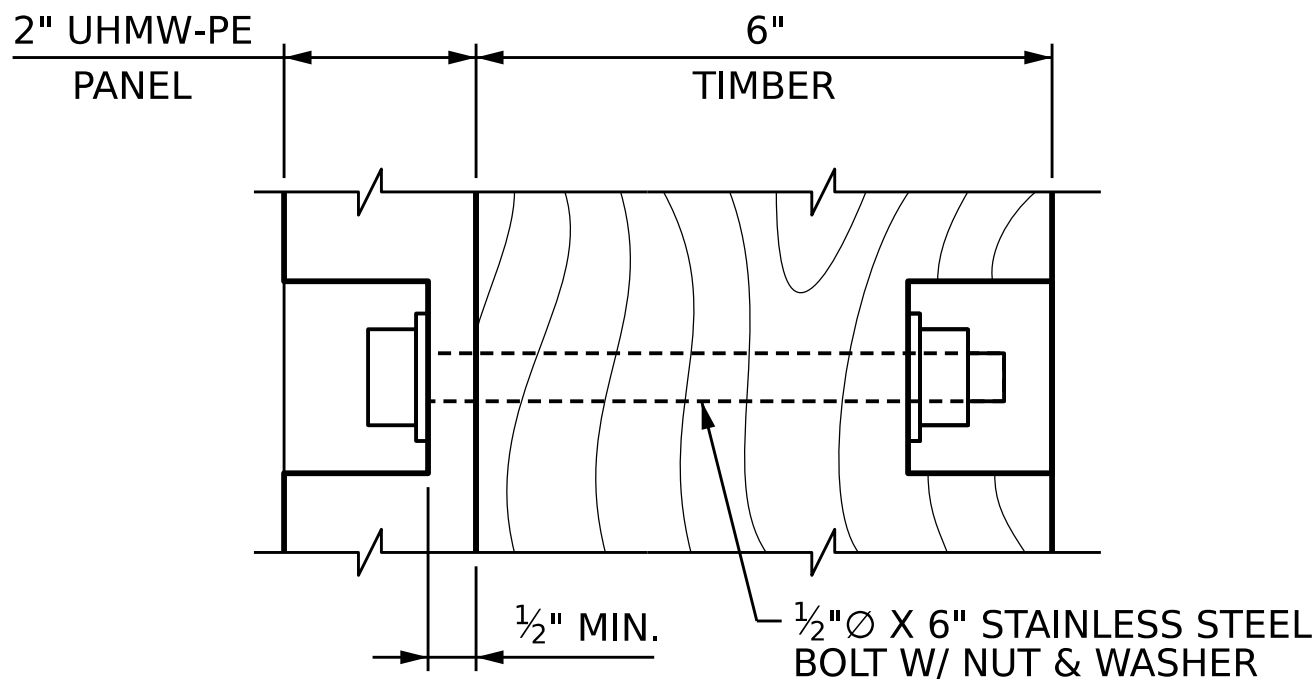
ELEVATION
GUIDE DOLPHIN



TYP. END ELEVATION



DETAIL "A"



DETAIL "B"

ESTIMATED QUANTITIES	
ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE	UNTREATED WHITE OAK TIMBER
SQ. FT.	LIN. FT.
280	616



PROJECT NO. **15BPR.164**
BEAUFORT COUNTY
TERMINAL: **AURORA**

REVISIONS						SHEET NO. S1-02
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS
2	--	--	4	--	--	34