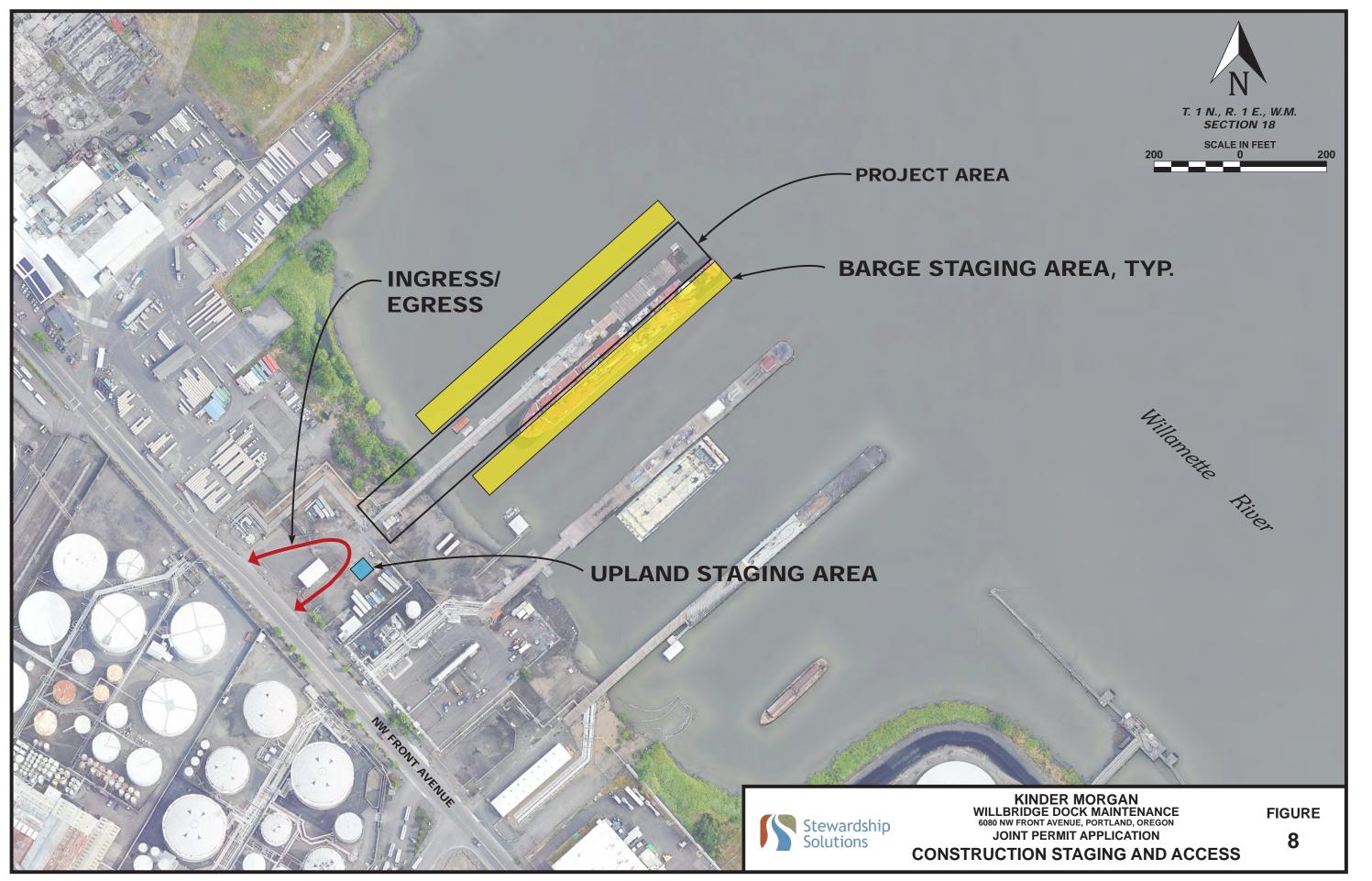
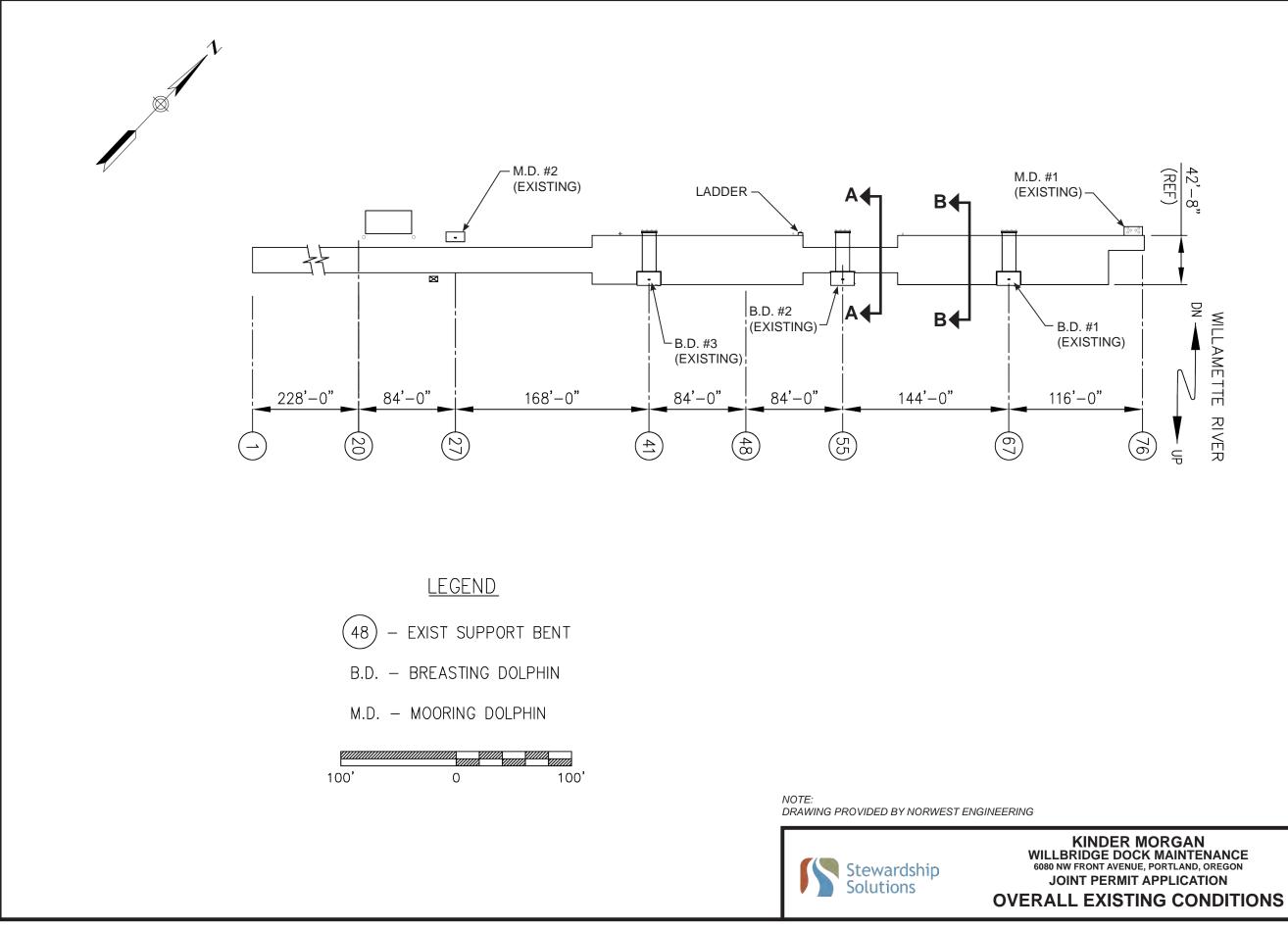


Attachment 1



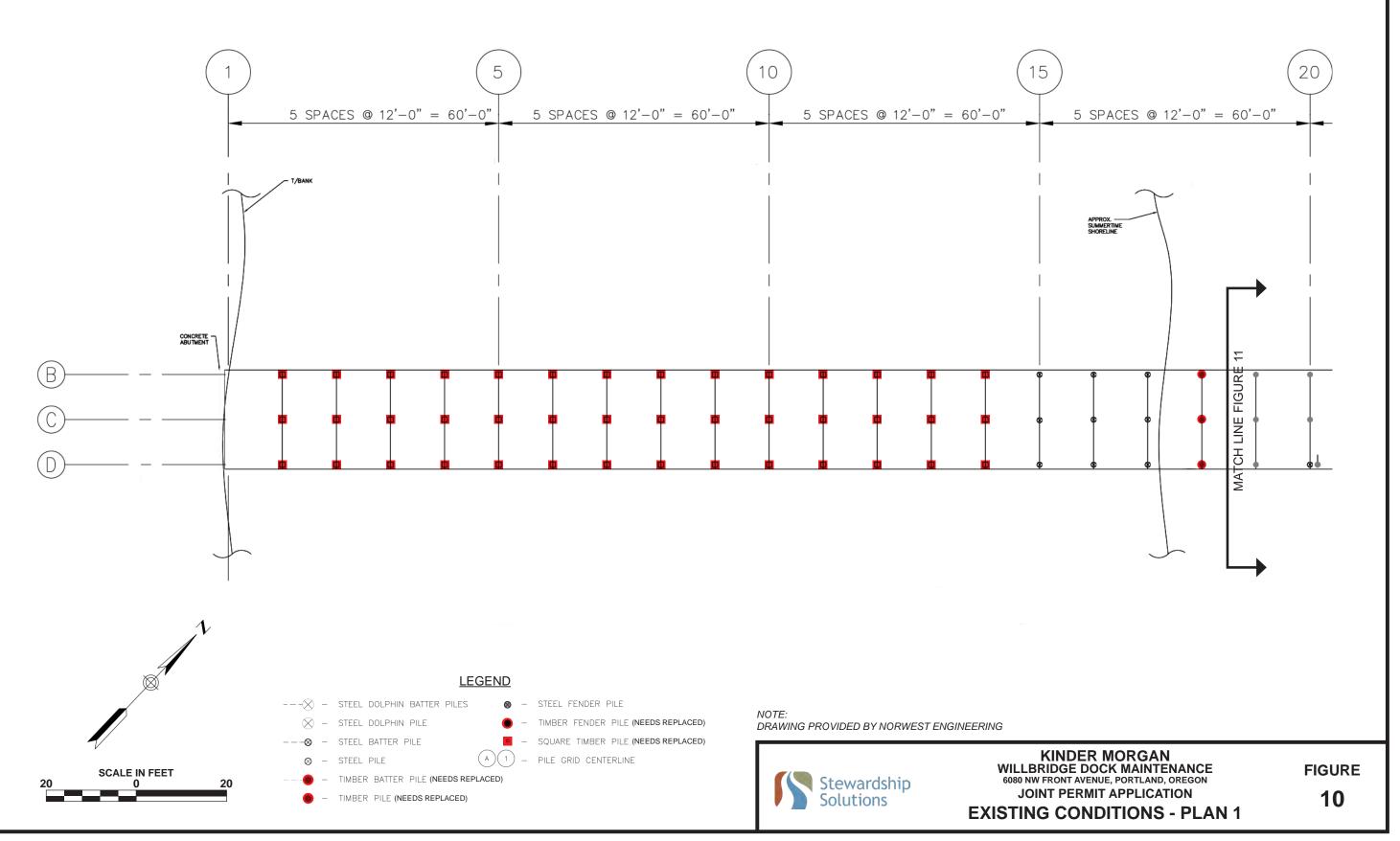
Attachment 1



FIGURE

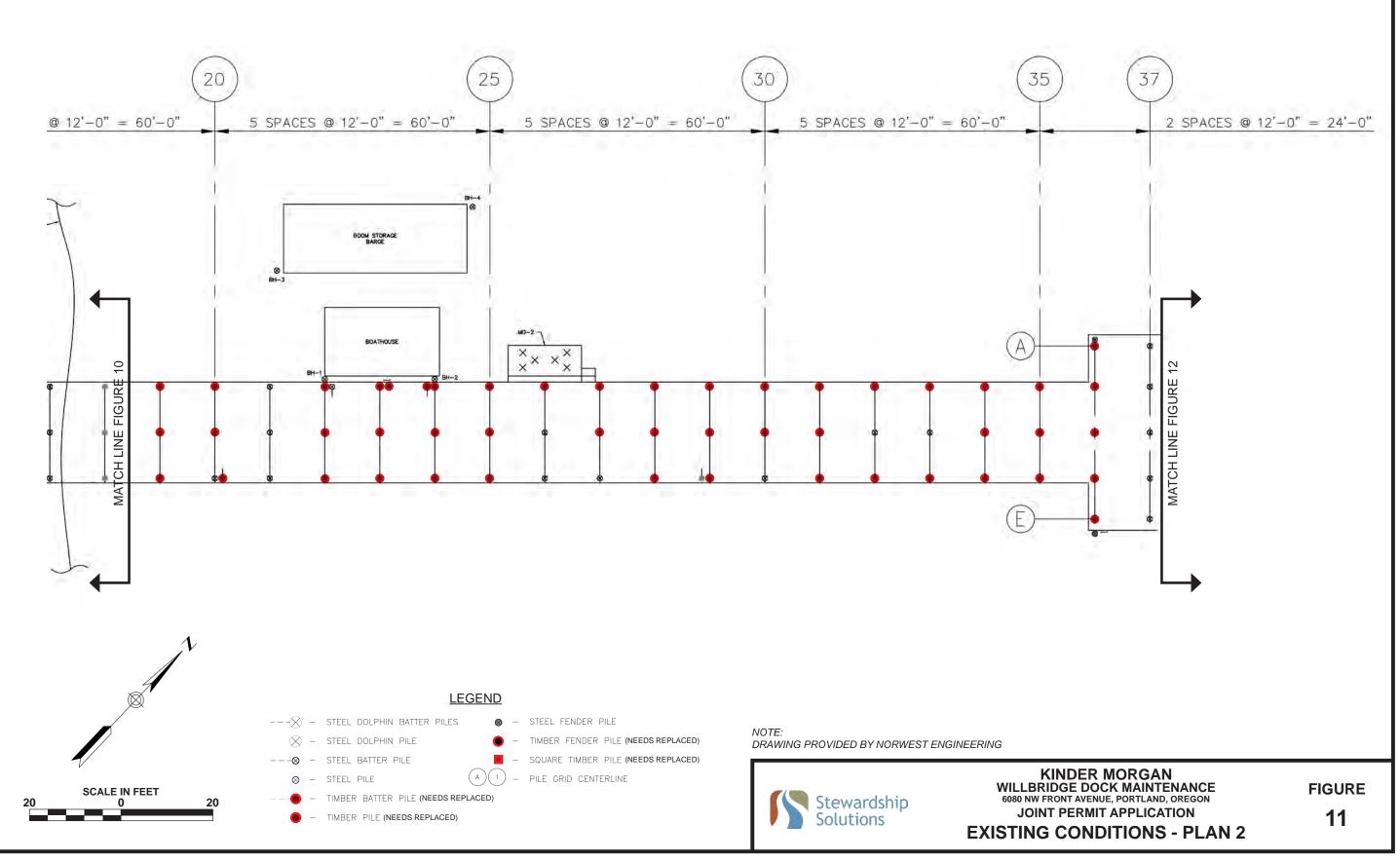
9

Attachment 1



J#1500-101 KinderMorganWillbridgeJPA Apr. 15, 2024

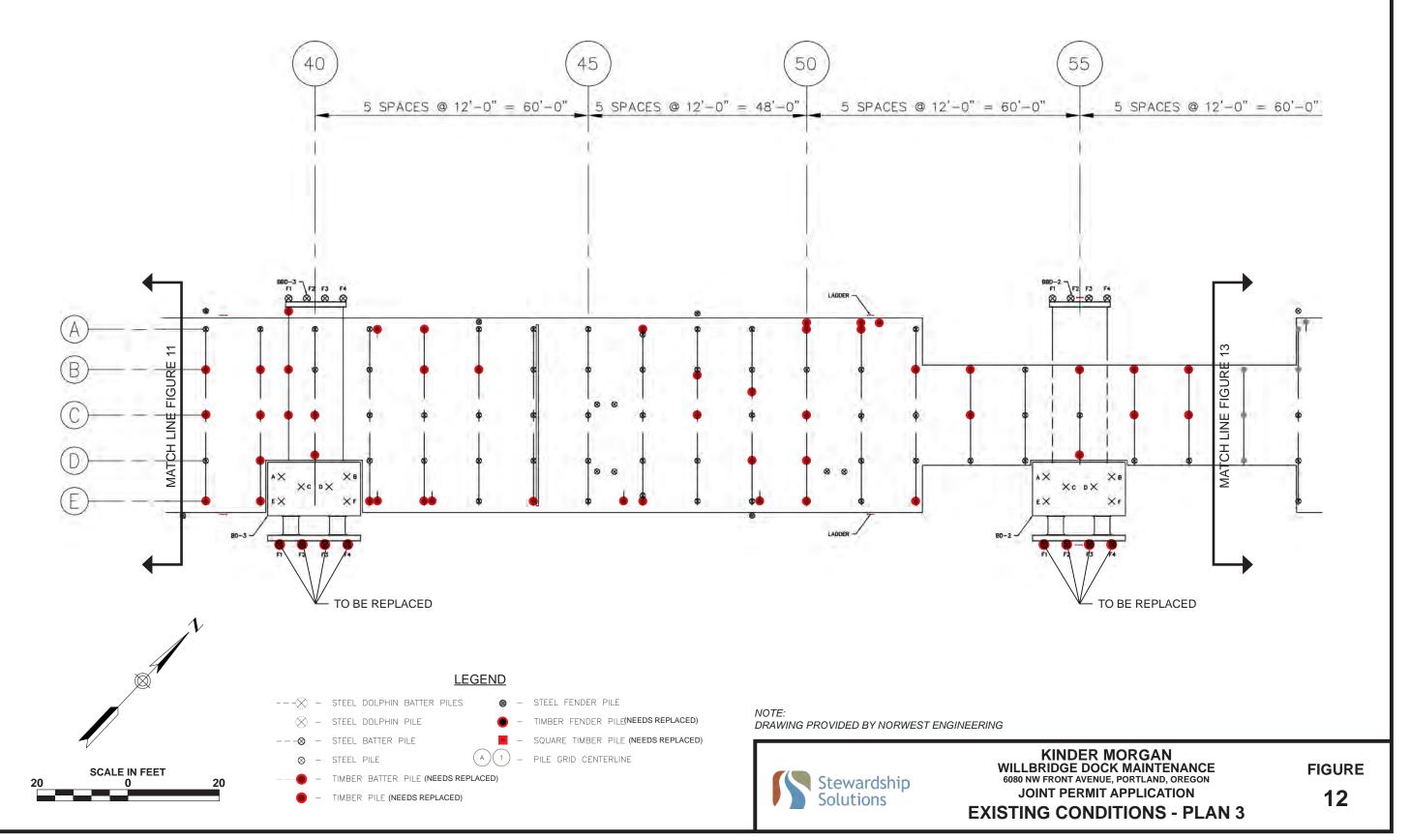
NWP-2008-628-5



J#1500-101 KinderMorganWillbridgeJPA Apr. 15, 2024

NWP-2008-628-5

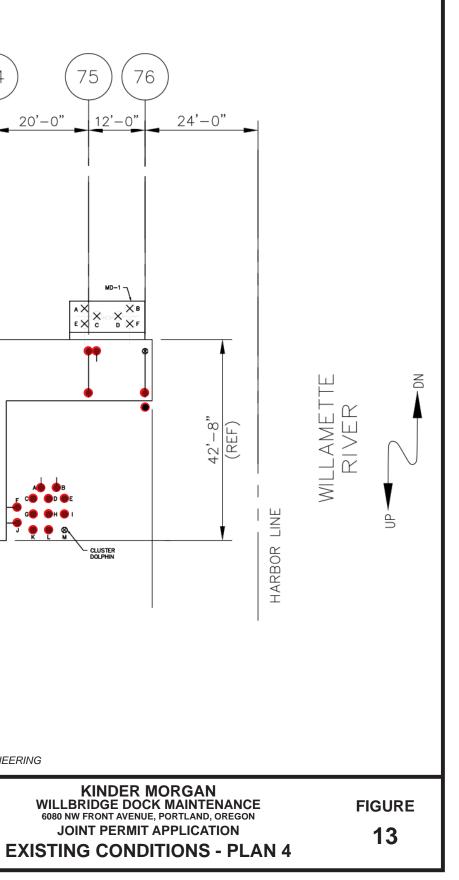
Page 5 of 12

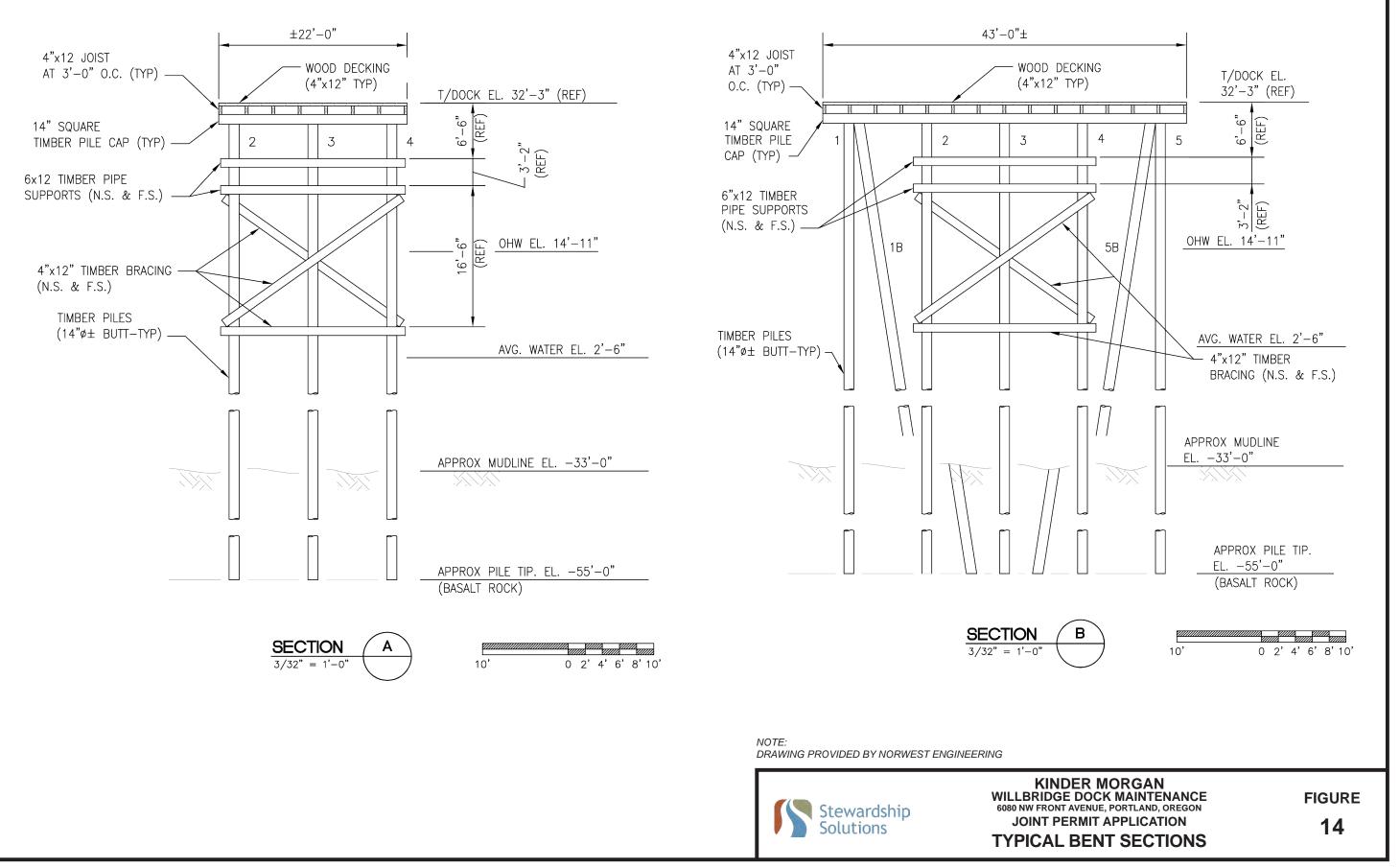


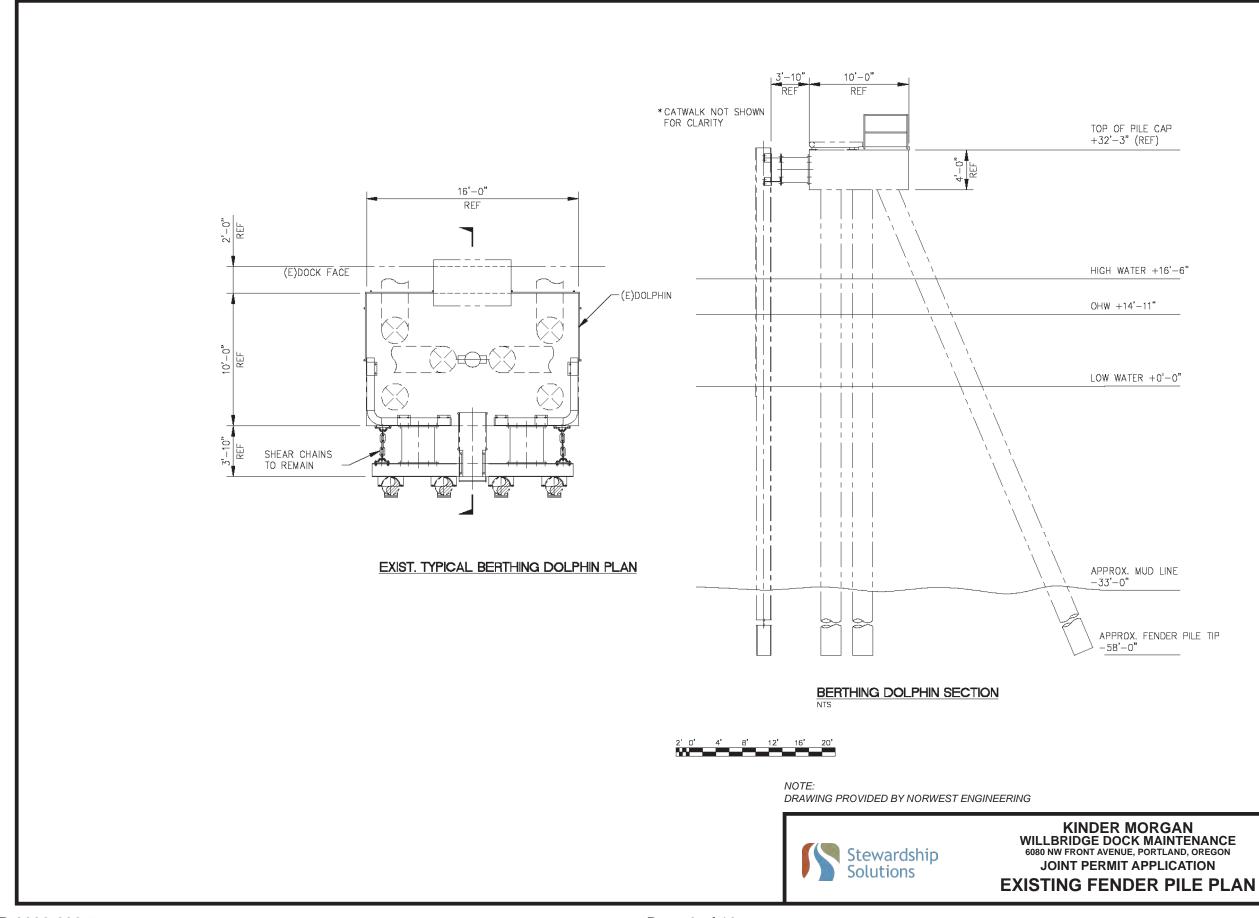
65 60 70 74 [S @ 12' - 0" = 60' - 0"]5 SPACES @ 12'-0'' = 60'-0''5 SPACES @ 12'-0'' = 60'-0''4 SPACES @ 12'-0'' = 48'-0''20'-0" BBD-1 F1 F2 F3 F4 ⊗ ⊗ ⊗ ⊗ ⊗ 12 FIGURE CH LINE MAT I A X Хв Xc DX XF εX LADDER -TO BE REPLACED **LEGEND** - STEEL FENDER PILE  $\otimes$ NOTE: DRAWING PROVIDED BY NORWEST ENGINEERING TIMBER FENDER PILE(NEEDS REPLACED) - STEEL DOLPHIN PILE  $\otimes$ SQUARE TIMBER PILE (NEEDS REPLACED) STEEL BATTER PILE  $-\otimes$ (A)(1)PILE GRID CENTERLINE STEEL PILE  $\otimes$ SCALE IN FEET TIMBER BATTER PILE (NEEDS REPLACED) Stewardship Solutions 20 TIMBER PILE (NEEDS REPLACED)

NWP-2008-628-5

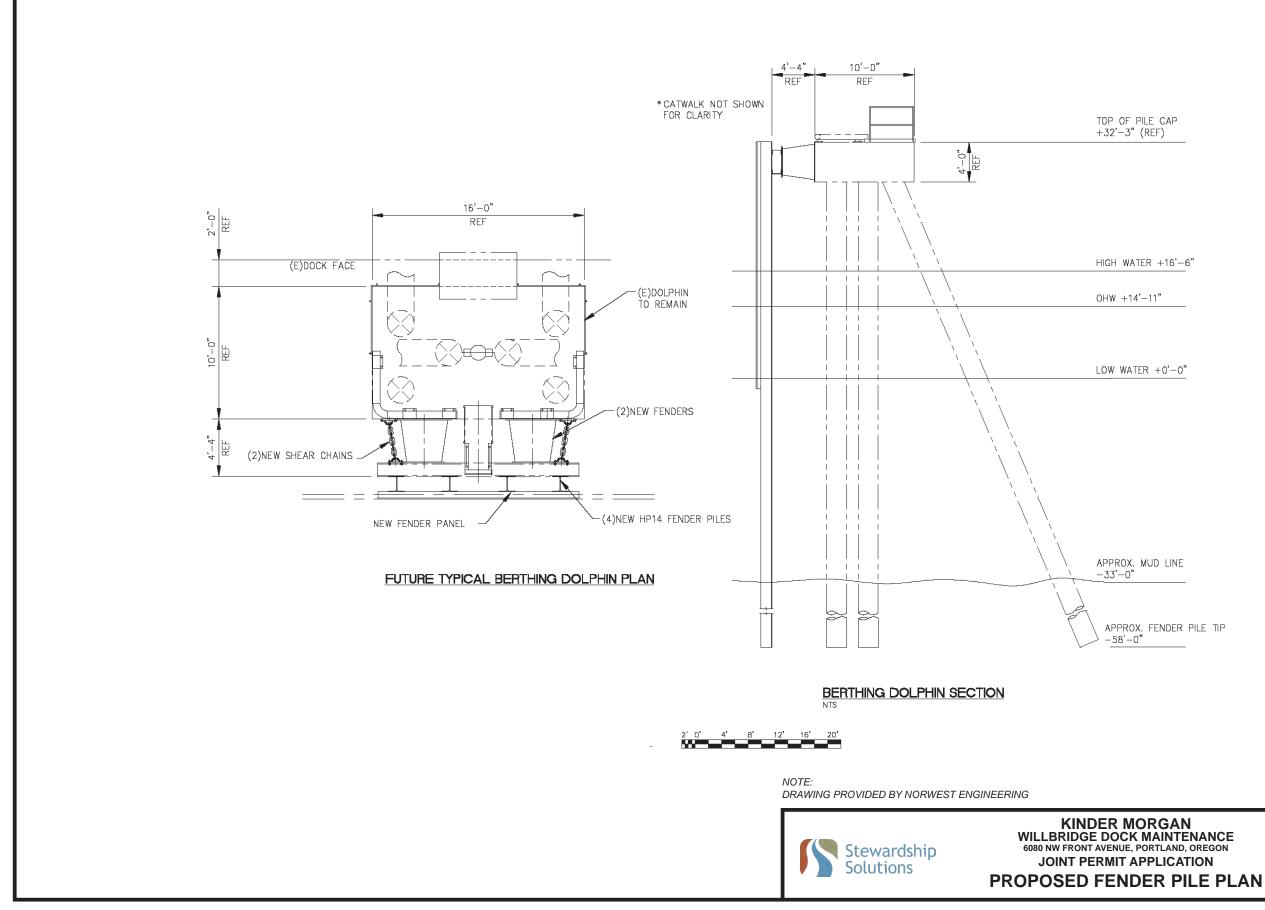
Page 7 of 12

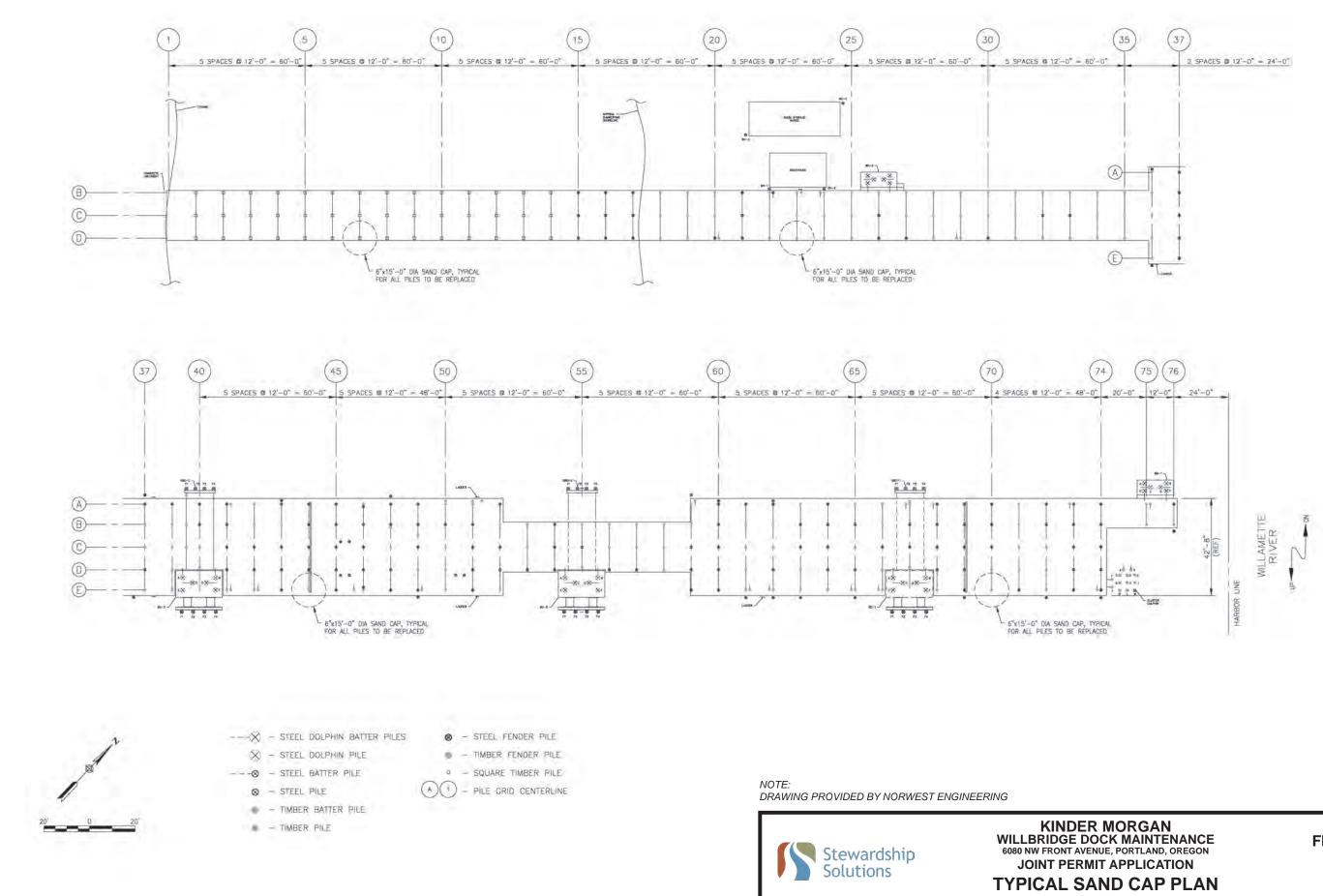




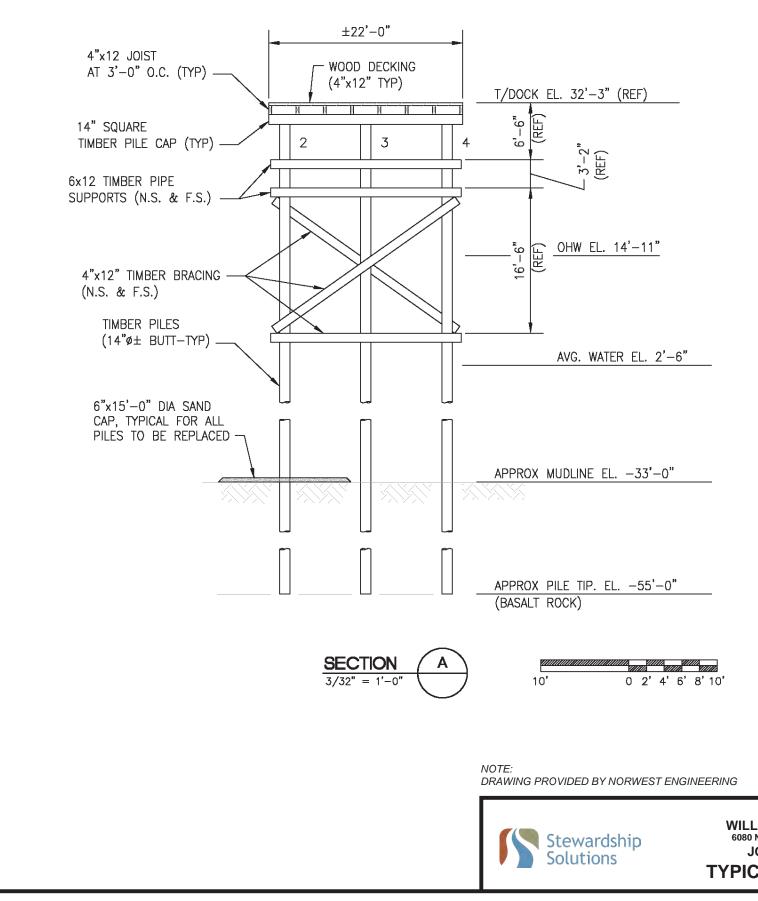


J#1500-101 KinderMorganWillbridgeJPA Apr. 16, 2024









# TYPICAL SAND CAP SECTION

KINDER MORGAN WILLBRIDGE DOCK MAINTENANCE 6080 NW FRONT AVENUE, PORTLAND, OREGON JOINT PERMIT APPLICATION

18