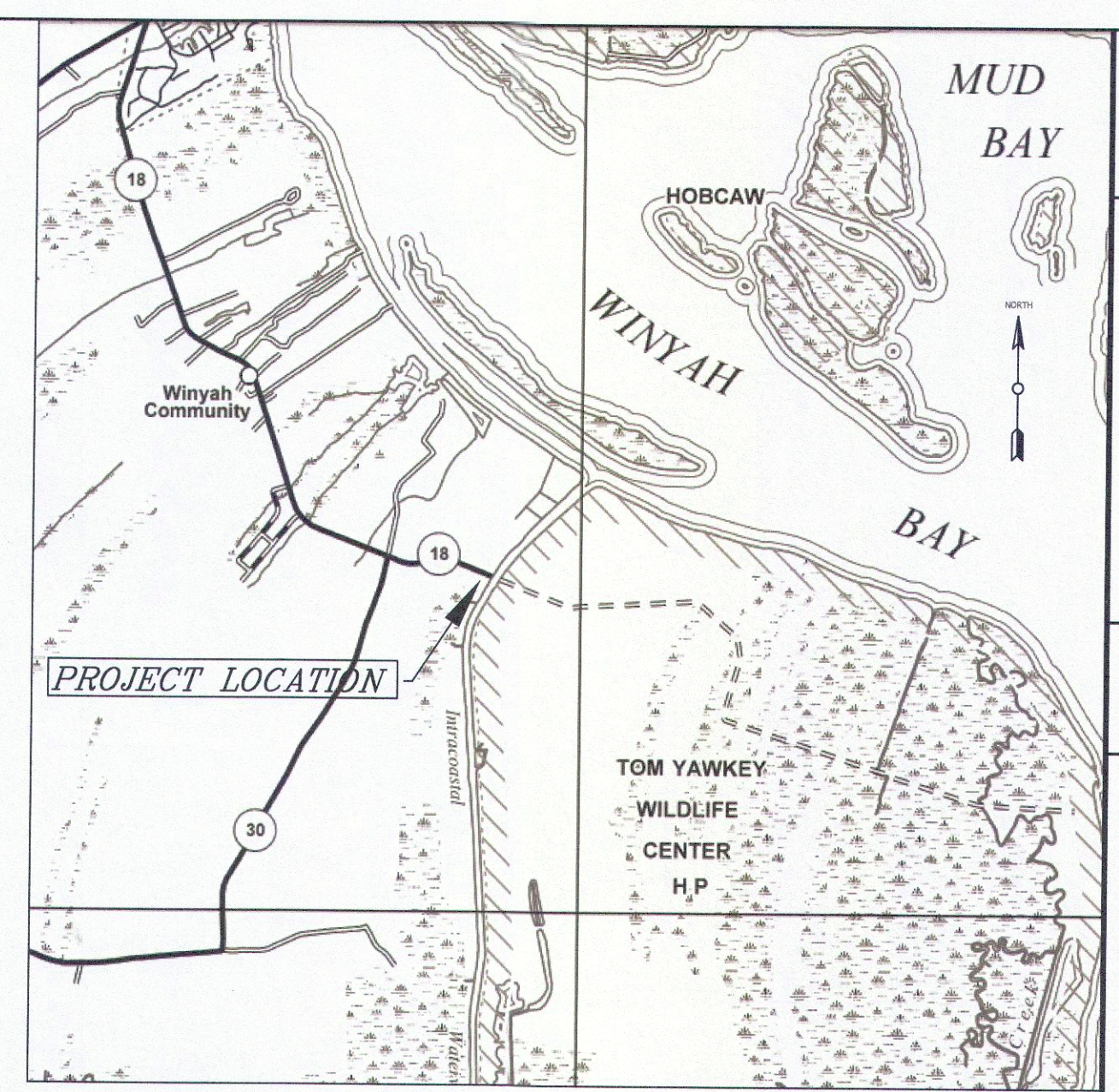
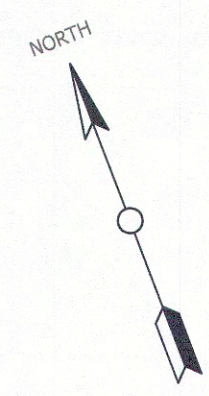


CP#1 ORANGE STAKE
 N: 520265.80
 E: 2528993.19
 EL. = 4.93

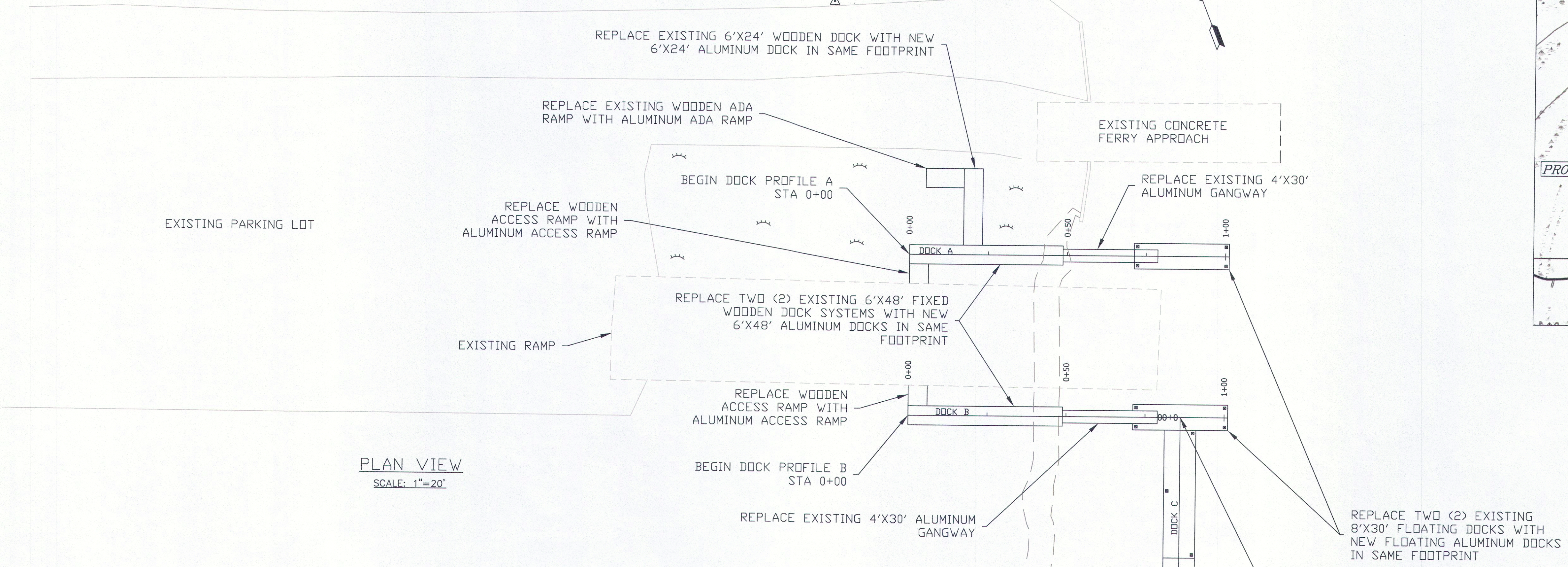


DATE	REVISION	NUMBER

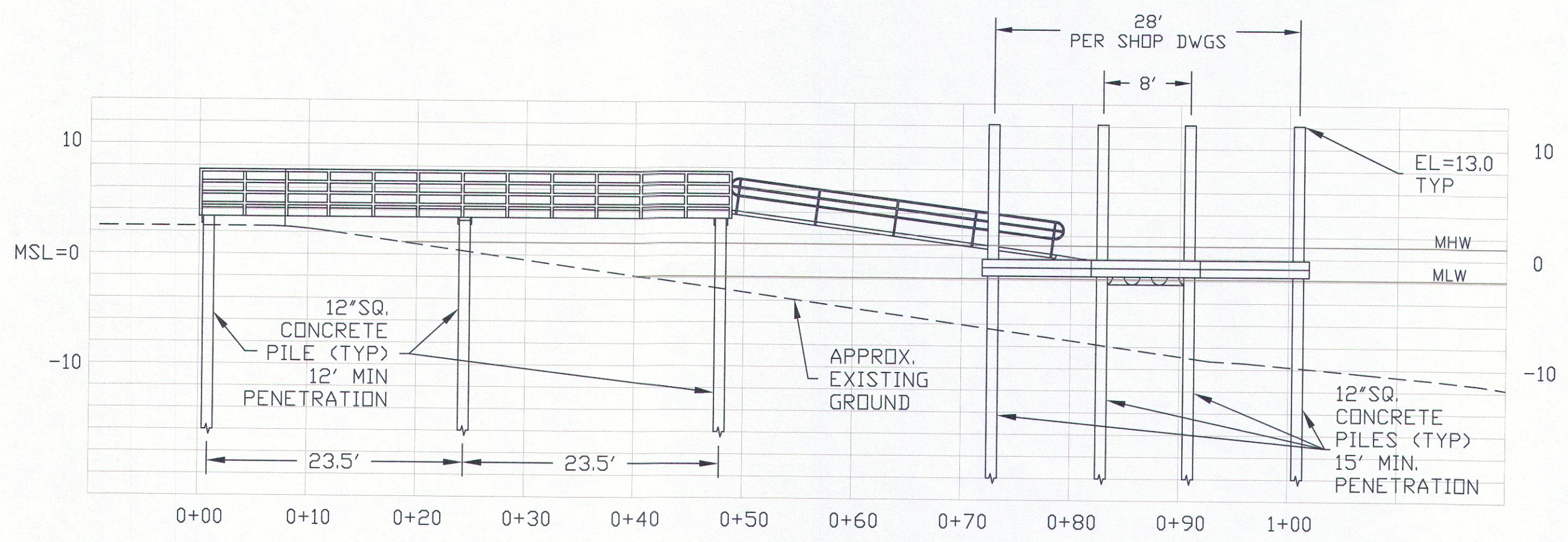
STATE PROJECT NUMBER: _____

PROJECT TITLE: **GEORGETOWN COUNTY - SOUTH ISLAND FERRY DOCK REPLACEMENT**

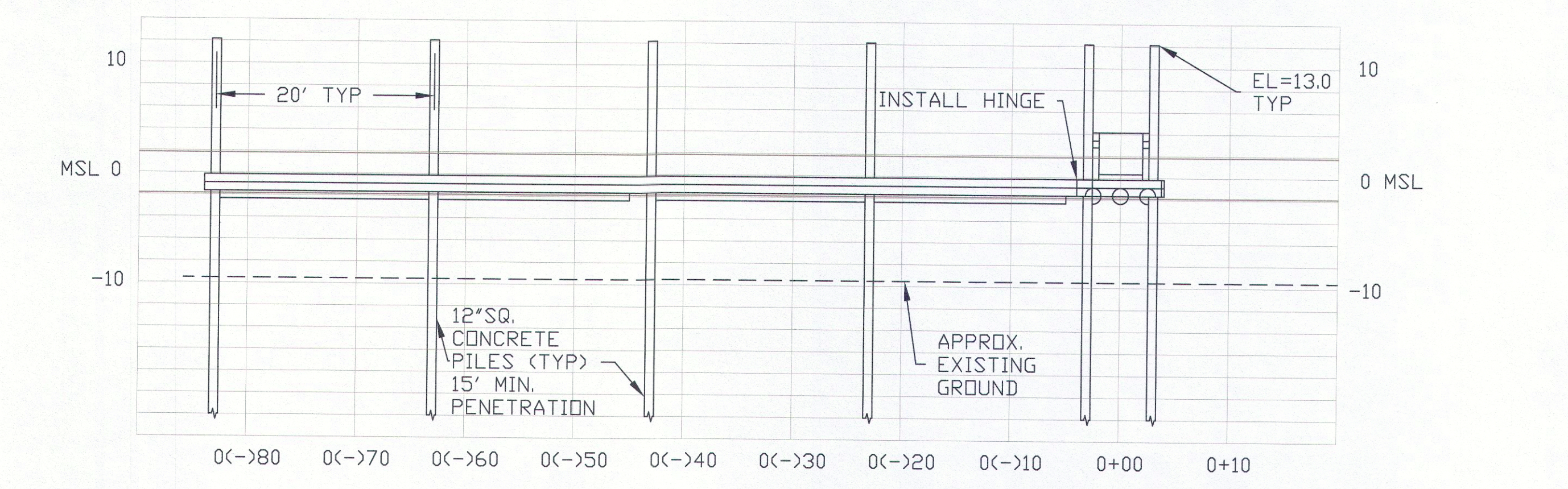
SHEET TITLE: **PLAN & PROFILE**



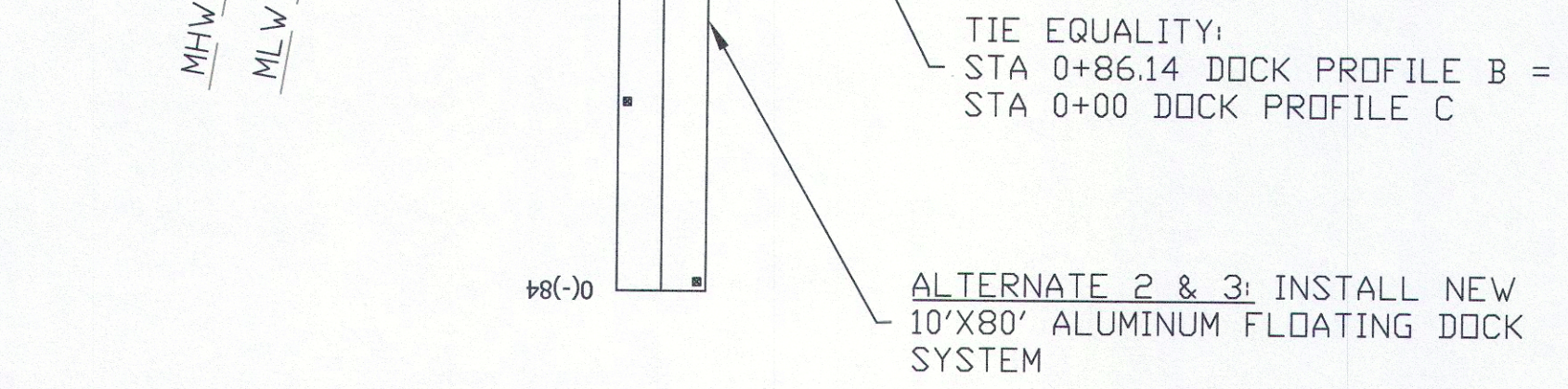
PLAN VIEW
 SCALE: 1"=20'



PROPOSED DOCK SYSTEM PROFILE B
 SCALE: 1"=10'



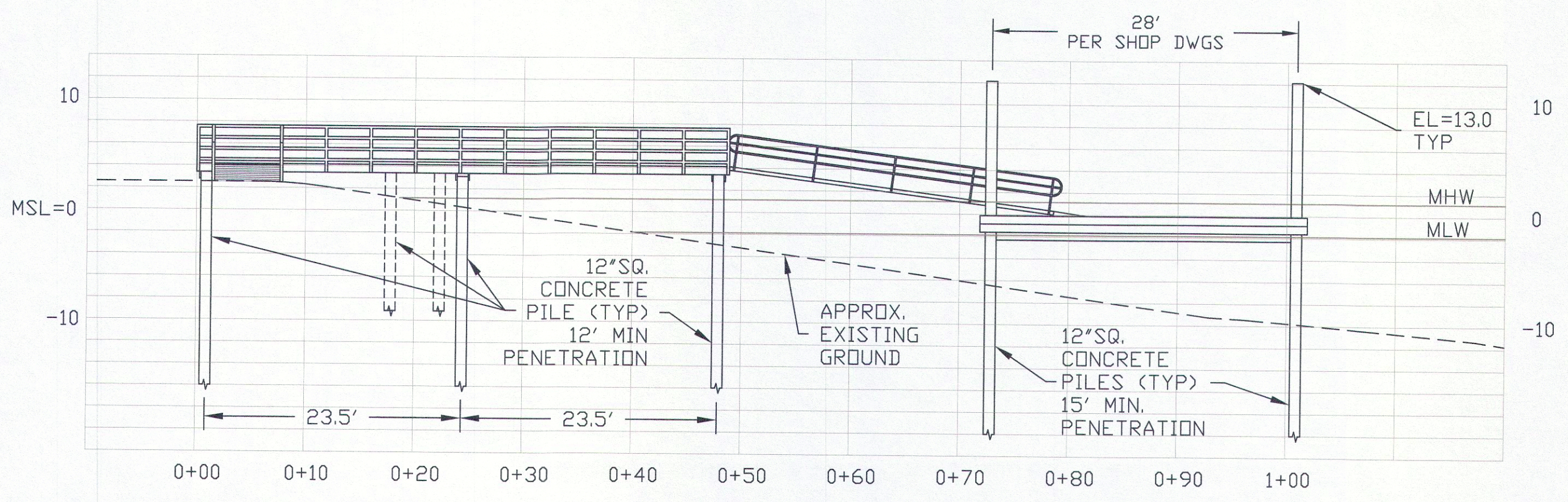
PROPOSED DOCK SYSTEM PROFILE C
 SCALE: 1"=10'



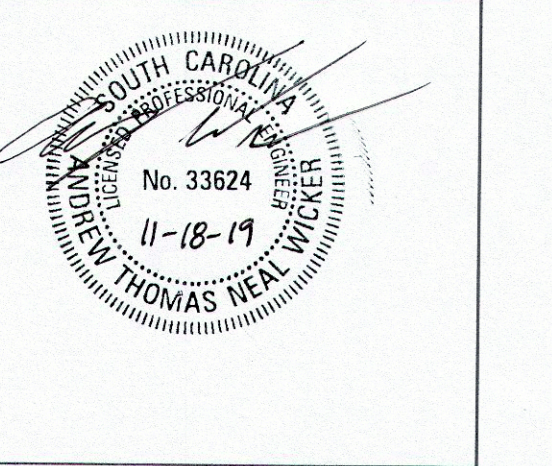
NOTES:

- 1) THE BEARING AND DISTANCE FROM CP#1 TO STA 0+00 OF DOCK PROFILE A IS S 10°57'02" W AT 82.78'.
- 2) THE BEARING AND DISTANCE FROM CP#1 TO STA 0+00 OF DOCK PROFILE B IS S 04°27'40" W AT 131.77'.
- 3) ALL PILES SHALL BE DRIVEN TO THE PENETRATION SHOWN ON THE PROFILES.
- 4) THE END OF THE ALUMINUM ADA ACCESS RAMPS FOR THE FIXED PIERS SHALL BE TIED IN TO THE EXISTING GROUND. IF THE END CANNOT MEET WITH EXISTING GROUND, USE STONE BASE MATERIAL TO PROVIDE SMOOTH TRANSITION.
- 5) SHOP DRAWINGS SHALL BE SUBMITTED TO GEORGETOWN COUNTY & SCDNR ENGINEERING FOR APPROVAL PRIOR TO THE MANUFACTURING OF THE DOCK SYSTEMS.
- 6) ALL HARDWARE SHALL BE COMPATIBLE WITH TYPE OF TREATMENT AND ALUMINUM STRUCTURE. THE SIZE AND TYPE OF CONNECTORS SHALL BE NOTED WITHIN THE SHOP DRAWINGS.
- 7) FOR NEW ALUMINUM FIXED PIERS, MATCH EXISTING TOP OF DECK.
- 8) ALL PILES TO HAVE ANGLED PILE CAPS.
- 9) ELEVATIONS BASED ON MEAN SEA LEVEL (MSL) DATUM NAD 83.

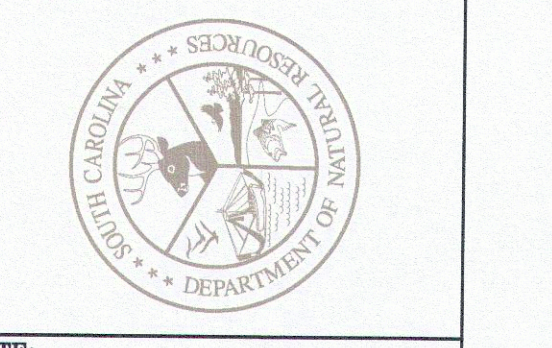
BID ALTERNATES:
BASE BID: REPLACE EXISTING DOCK SYSTEMS ("DOCK A" AND "DOCK B") ONLY.
ALTERNATE #1: DELETE CONCRETE PILES - ADD TIMBER PILES.
ALTERNATE #2: ADD NEW 10'x80' ALUMINUM FLOATING DOCK SYSTEM ("DOCK C") WITH CONCRETE PILES.
ALTERNATE #3: ADD NEW 10'x80' ALUMINUM FLOATING DOCK SYSTEM ("DOCK C") WITH TIMBER PILES.



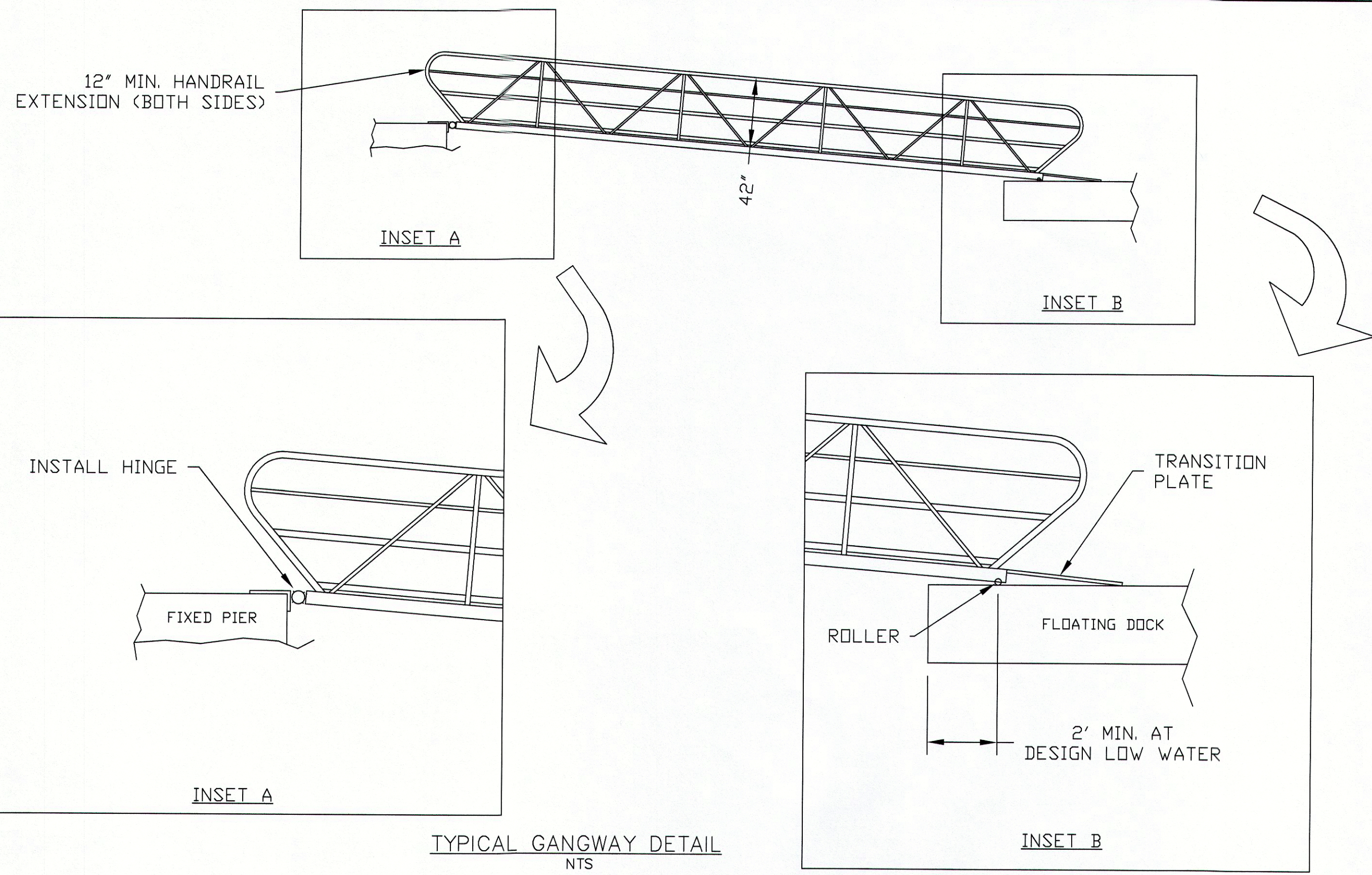
PROPOSED DOCK SYSTEM PROFILE A
 SCALE: 1"=10'



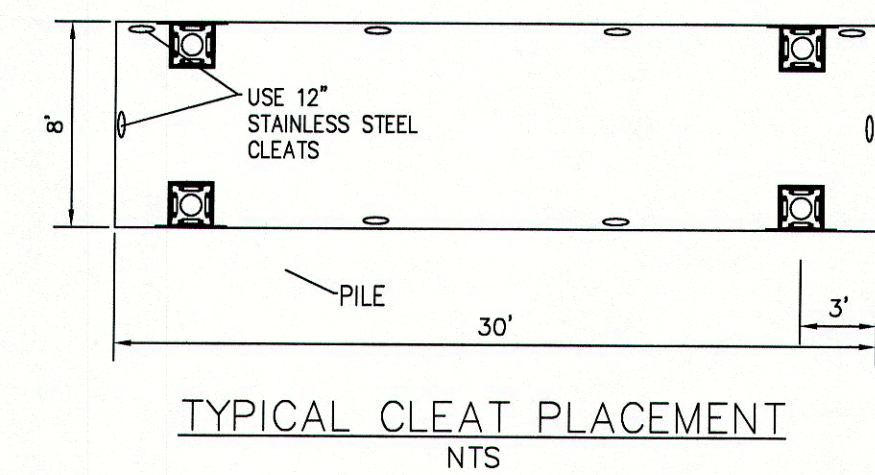
South Carolina
 Department of Natural Resources
 Engineering Section



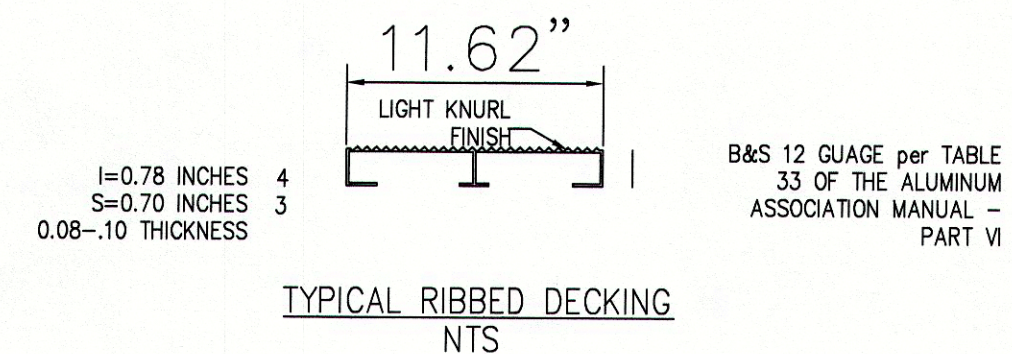
DATE:	10/24/2019
SCALE:	AS SHOWN
DRAWN BY:	ATW
CHECKED BY:	
SHEET:	1 of 2 Sheets



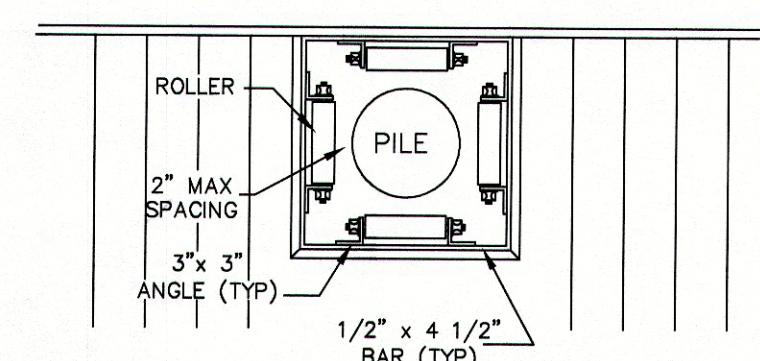
TYPICAL GANGWAY DETAIL
NTS



TYPICAL CLEAT PLACEMENT
NTS

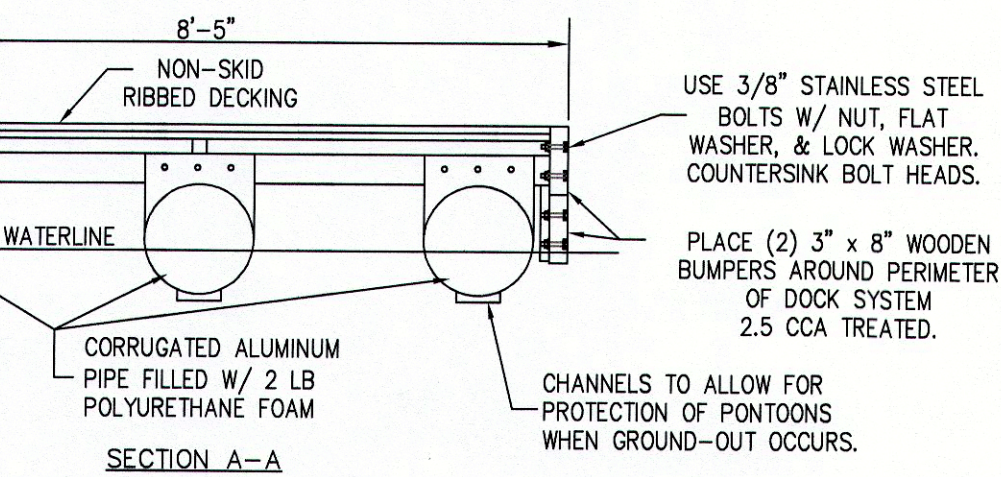
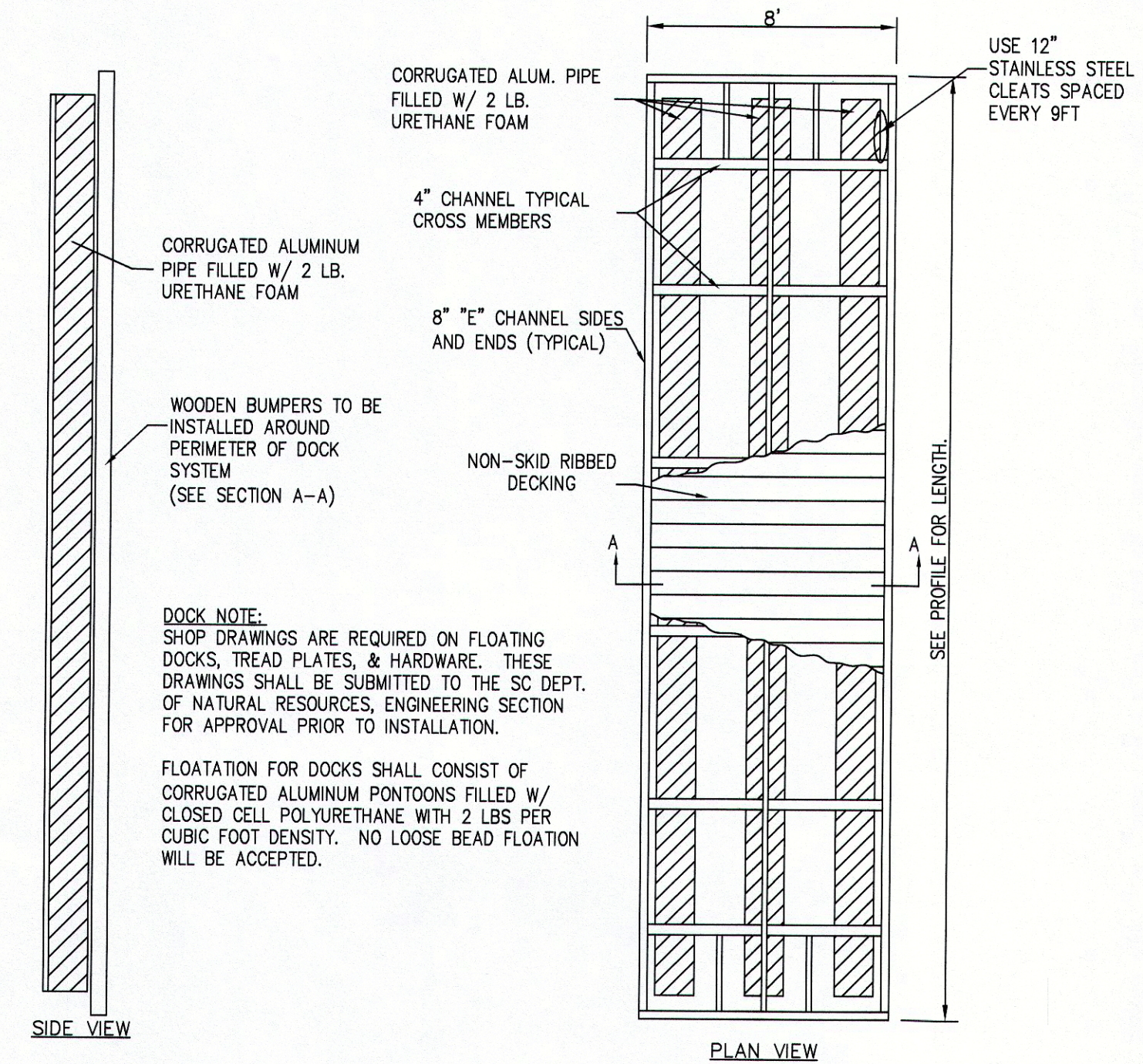


TYPICAL RIBBED DECKING
NTS

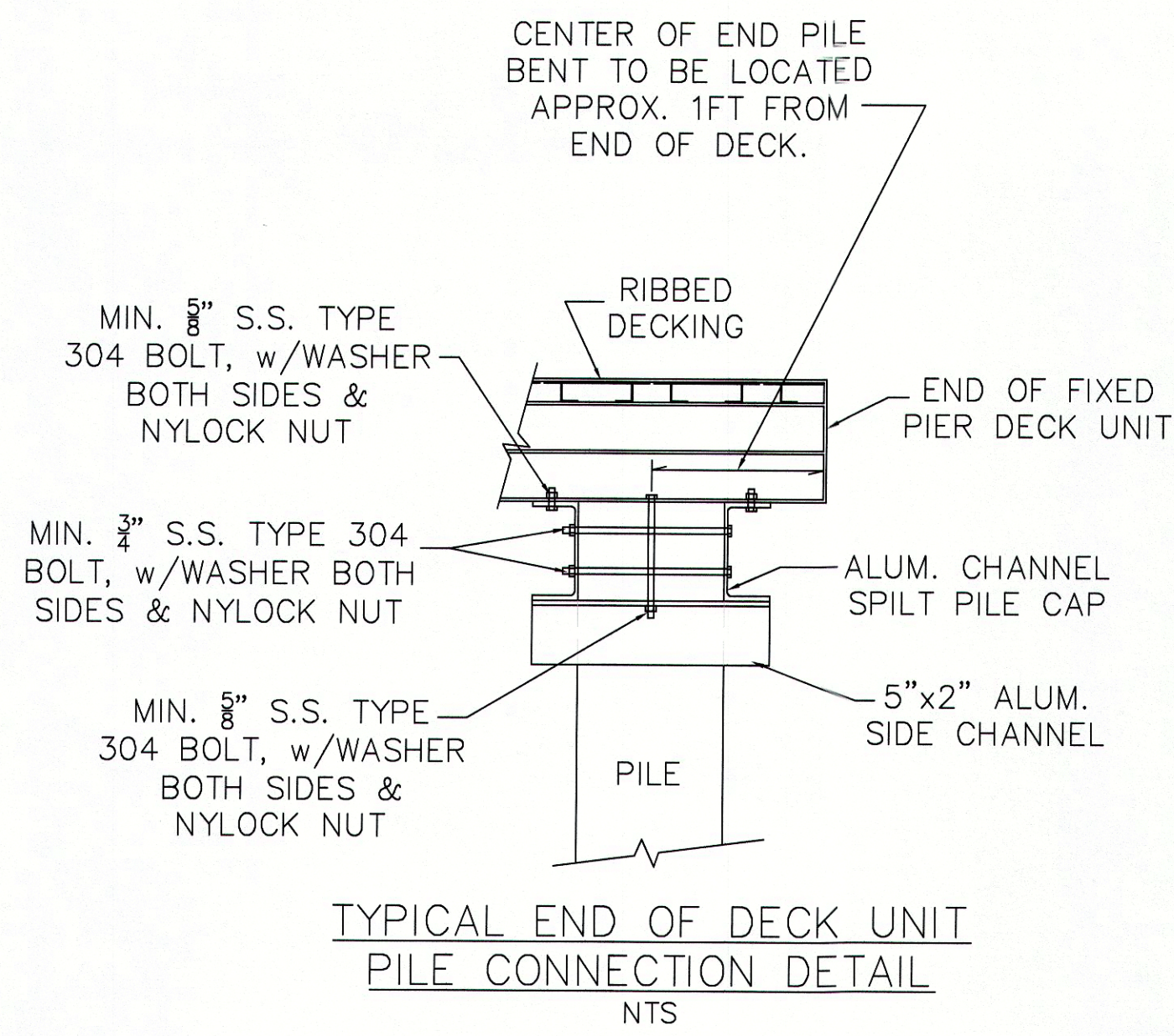


TYPICAL ROLLER GUIDE
(NO SCALE)

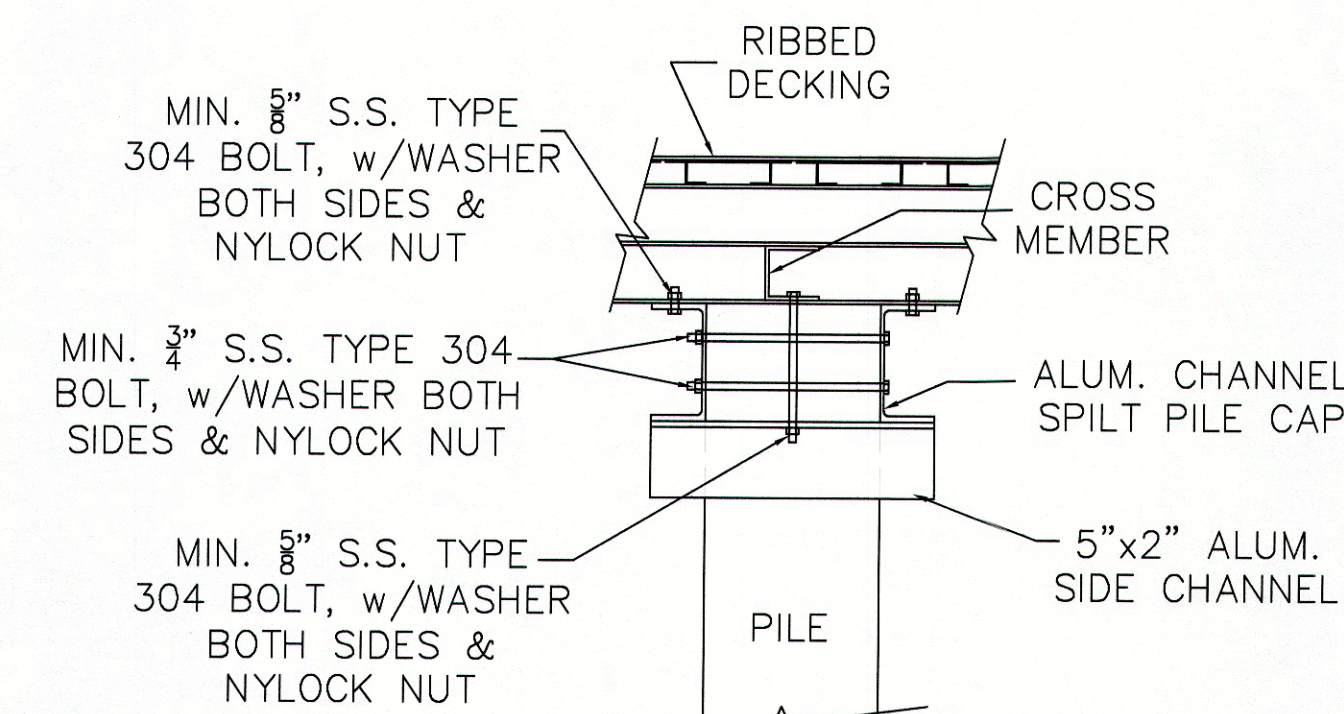
NOTE
MANUFACTURER IS TO ATTACH 2"x4" TREATED WOOD FENDERING ONTO THE OUTSIDE OF THE EXTERIOR PILE GUIDES WITH STAINLESS STEEL THROUGH BOLTS, w/ WASHERS (or) STAINLESS STEEL SCREWS-SIZED APPROPRIATELY, COUNTER SUNK. PILE GUIDES SHALL BE SIZED TO ALLOW ROOM FROM RIVER FLUCUATIONS.



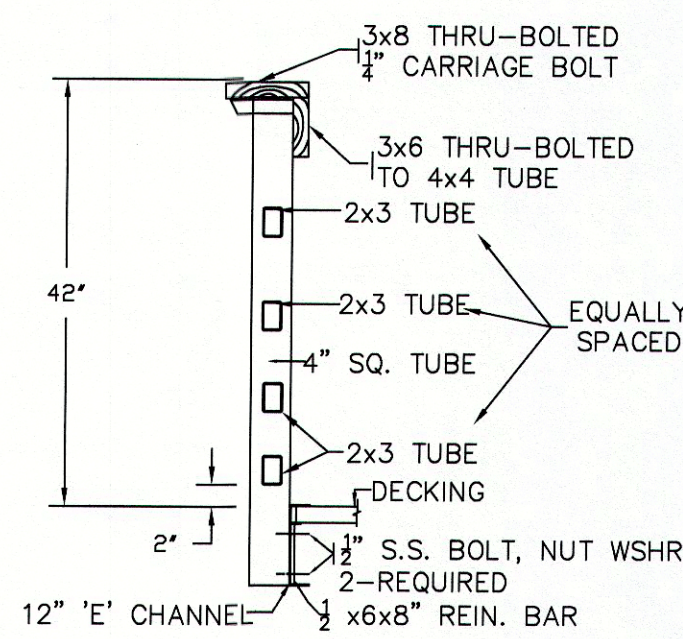
TYPICAL GROUND-OUT
FLOATING DOCK SYSTEM
NTS



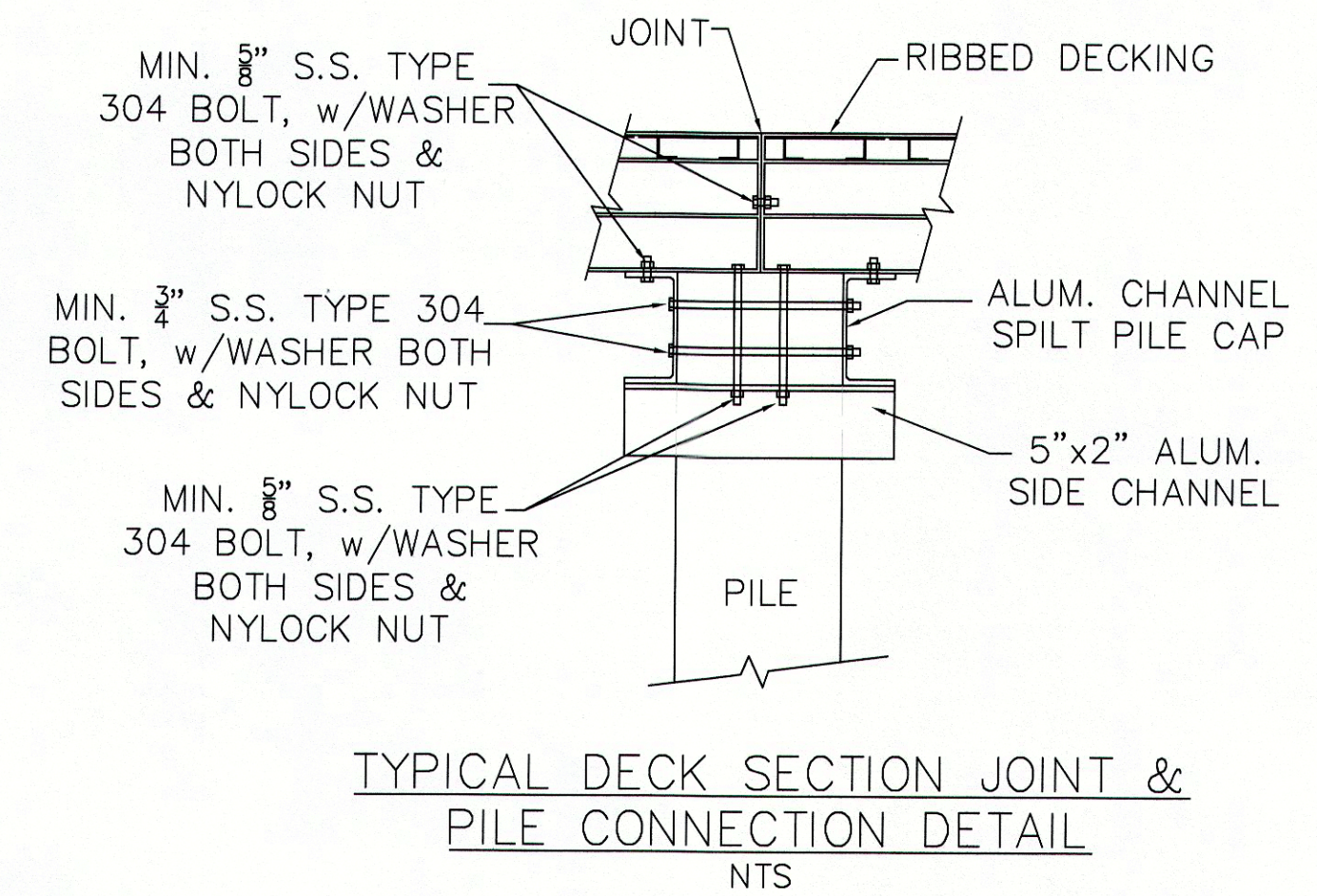
TYPICAL END OF DECK UNIT
PILE CONNECTION DETAIL
NTS



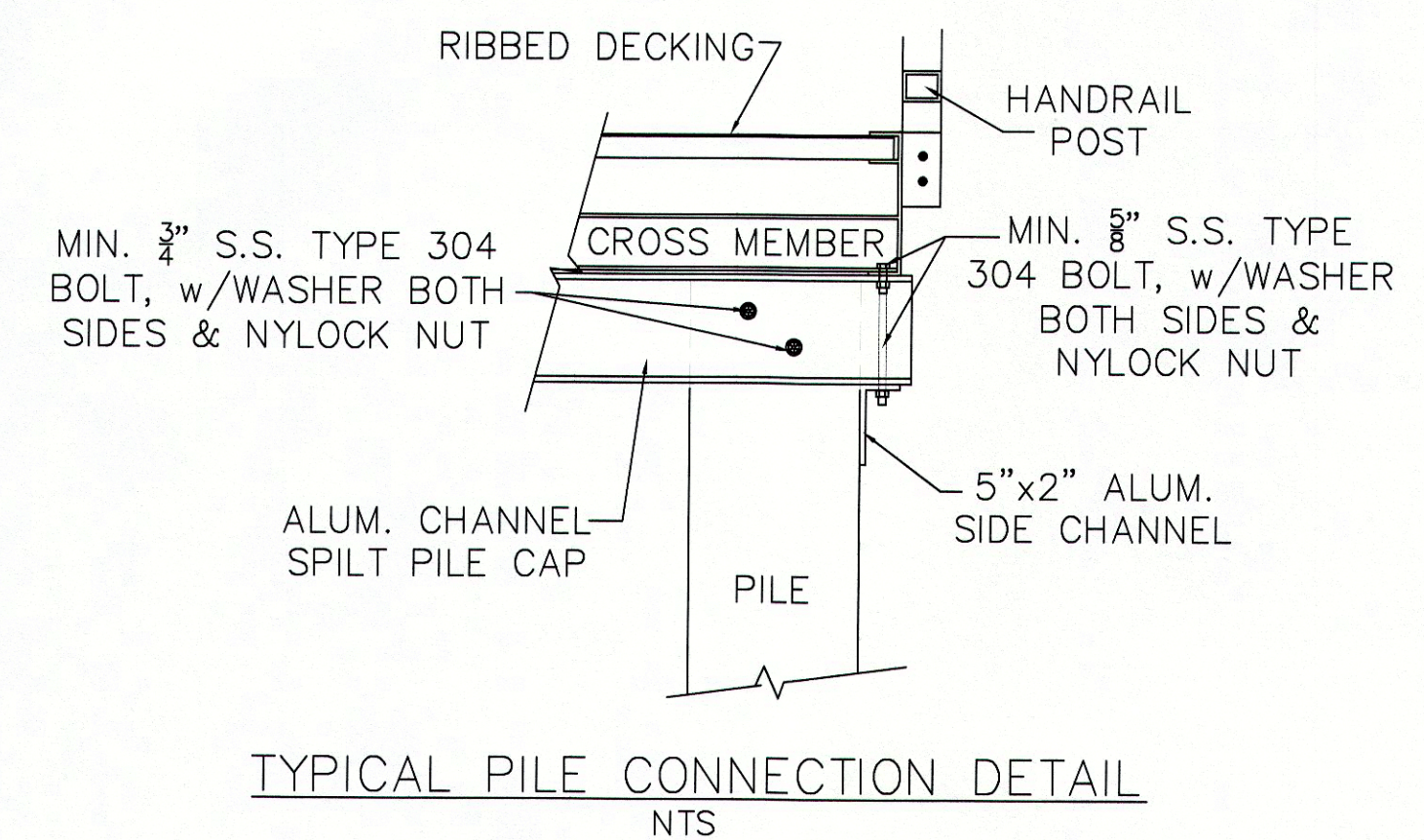
TYPICAL MID-SPAN
PILE CONNECTION DETAIL
NTS



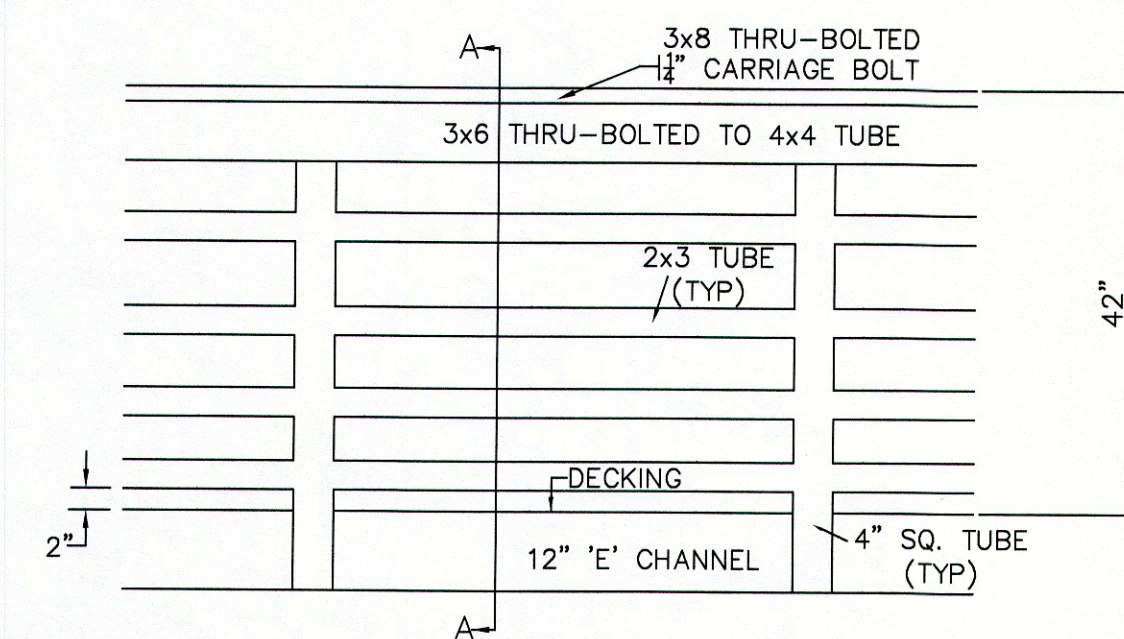
SECTION-A-A
NTS



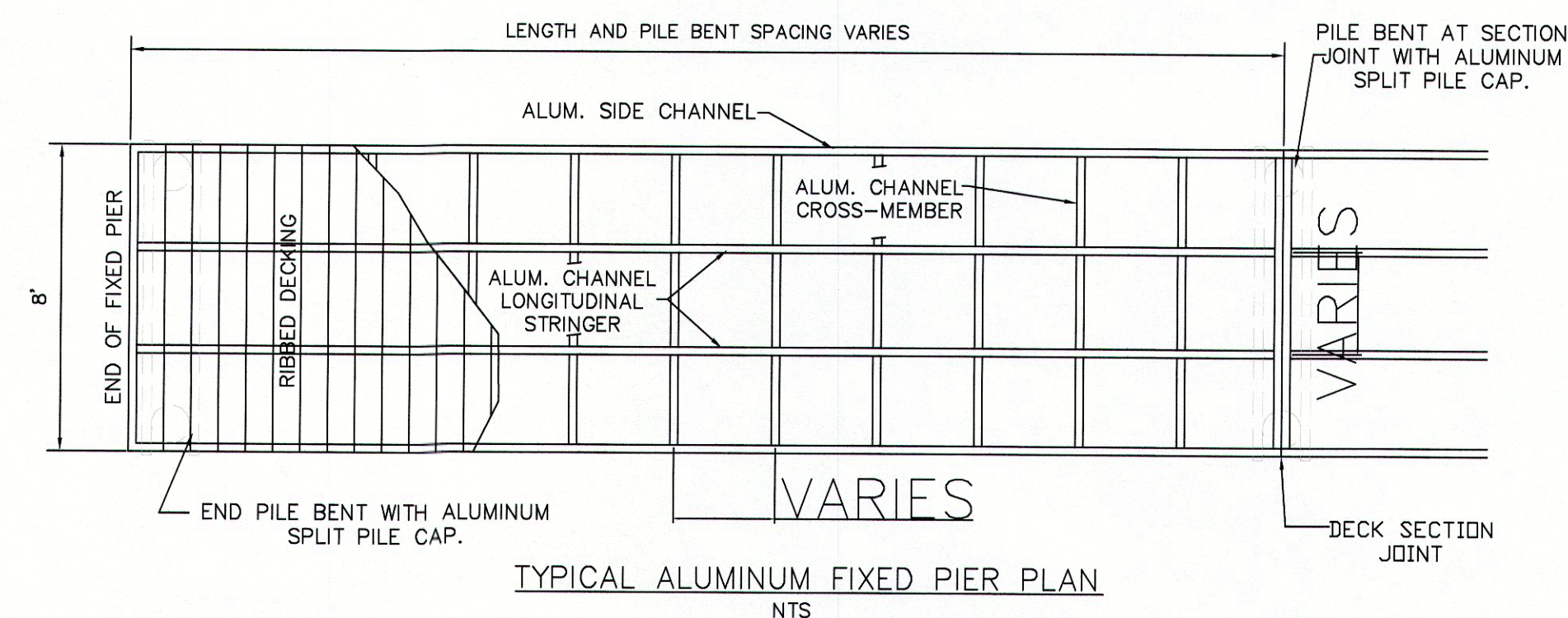
TYPICAL DECK SECTION JOINT &
PILE CONNECTION DETAIL
NTS



TYPICAL PILE CONNECTION DETAIL
NTS



TYP. HANDRAIL ELEVATION
NTS

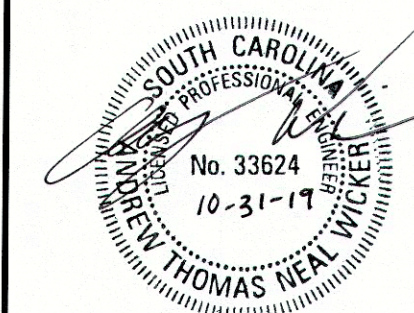


TYPICAL ALUMINUM FIXED PIER PLAN
NTS

DATE	REVISION	NUMBER	STATE PROJECT NUMBER

PROJECT TITLE
**GEORGETOWN COUNTY - SOUTH ISLAND
FERRY DOCK REPLACEMENT**

SHEET TITLE
DETAILS



South Carolina
Department of Natural Resources
Engineering Section



DATE:	10/24/2019
SCALE:	AS SHOWN
DRAWN BY:	ATW
CHECKED BY:	
SHEET:	2 of 2 Sheets