

JOINT PERMIT APPLICATION
COVER SHEET

APPLICATION BY: COLONNA SHIPYARD

ADJACENT PROPERTY OWNERS: SEE BELOW

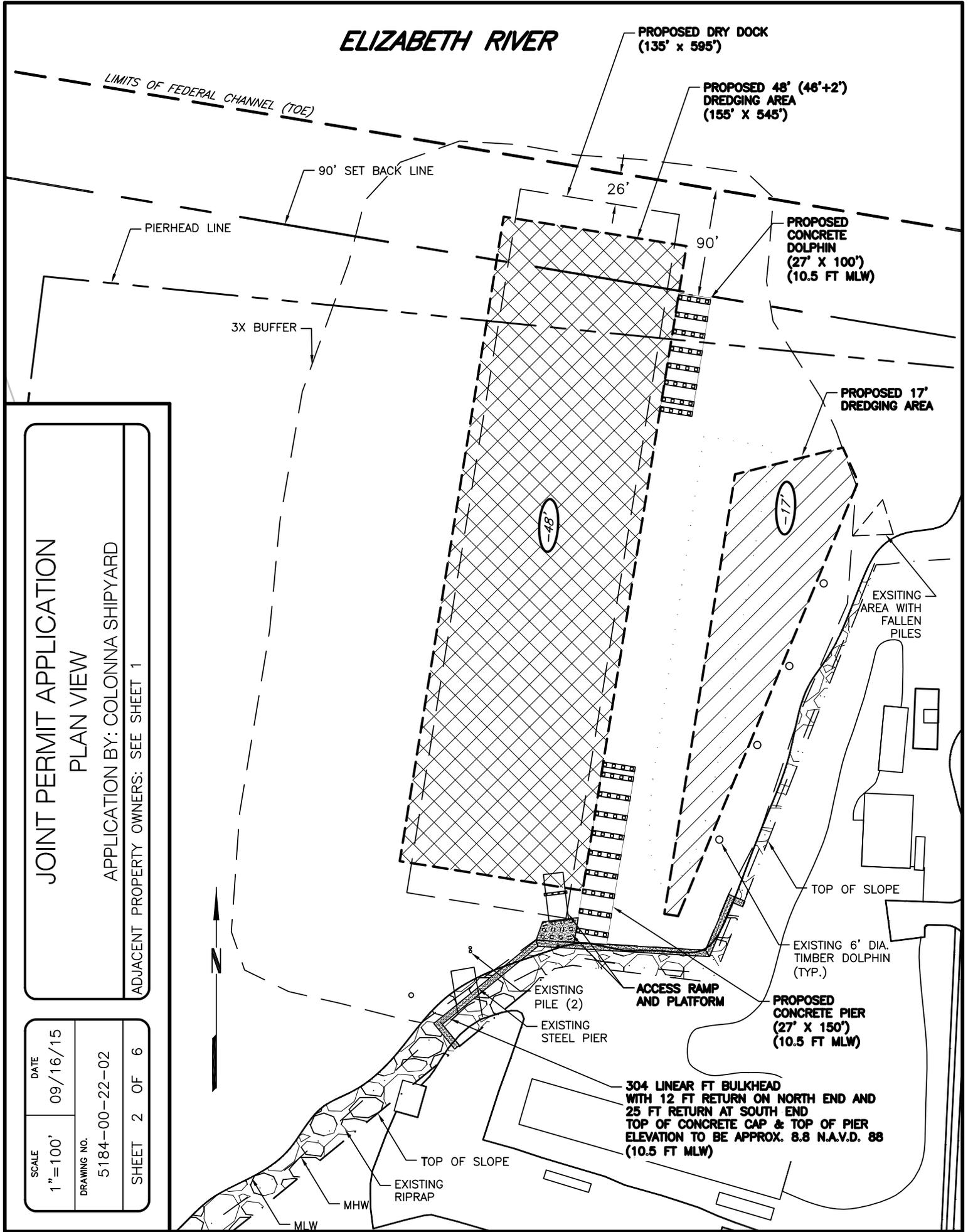
SCALE 1" = 500'	DATE 09/16/15
DRAWING NO. 5184-00-22-01	
SHEET 1 OF 6	

NOTES:

1. SOUNDINGS WERE TAKEN USING A RECORDING FATHOMETER OPERATION AT 208KHz ON OCTOBER 6, 2014.
2. SOUNDINGS ARE IN FEET REFERRED TO NOS MEAN LOWER LOW WATER (MLLW).
3. COORDINATES ARE IN U.S. SURVEY FEET REFERRED TO THE VIRGINIA STATE GRID (SOUTH ZONE) BASED ON NAD83, 1983-2001 TIDAL EPOCH.

ADJACENT PROPERTY OWNERS:
 1) SUNSATIIONS REALTY LLC
 2) NORFOLK & PORTSMOUTH BELTLINE RAILWAY
 3) KINDER MORGAN VA LIQUID TERMINAL

ELIZABETH RIVER



JOINT PERMIT APPLICATION
PLAN VIEW

APPLICATION BY: COLONNA SHIPYARD

ADJACENT PROPERTY OWNERS: SEE SHEET 1

SCALE
1" = 100'

DATE
09/16/15

DRAWING NO.
5184-00-22-02

SHEET 2 OF 6

**JOINT PERMIT APPLICATION
PLAN VIEW**

APPLICATION BY: COLONNA SHIPYARD

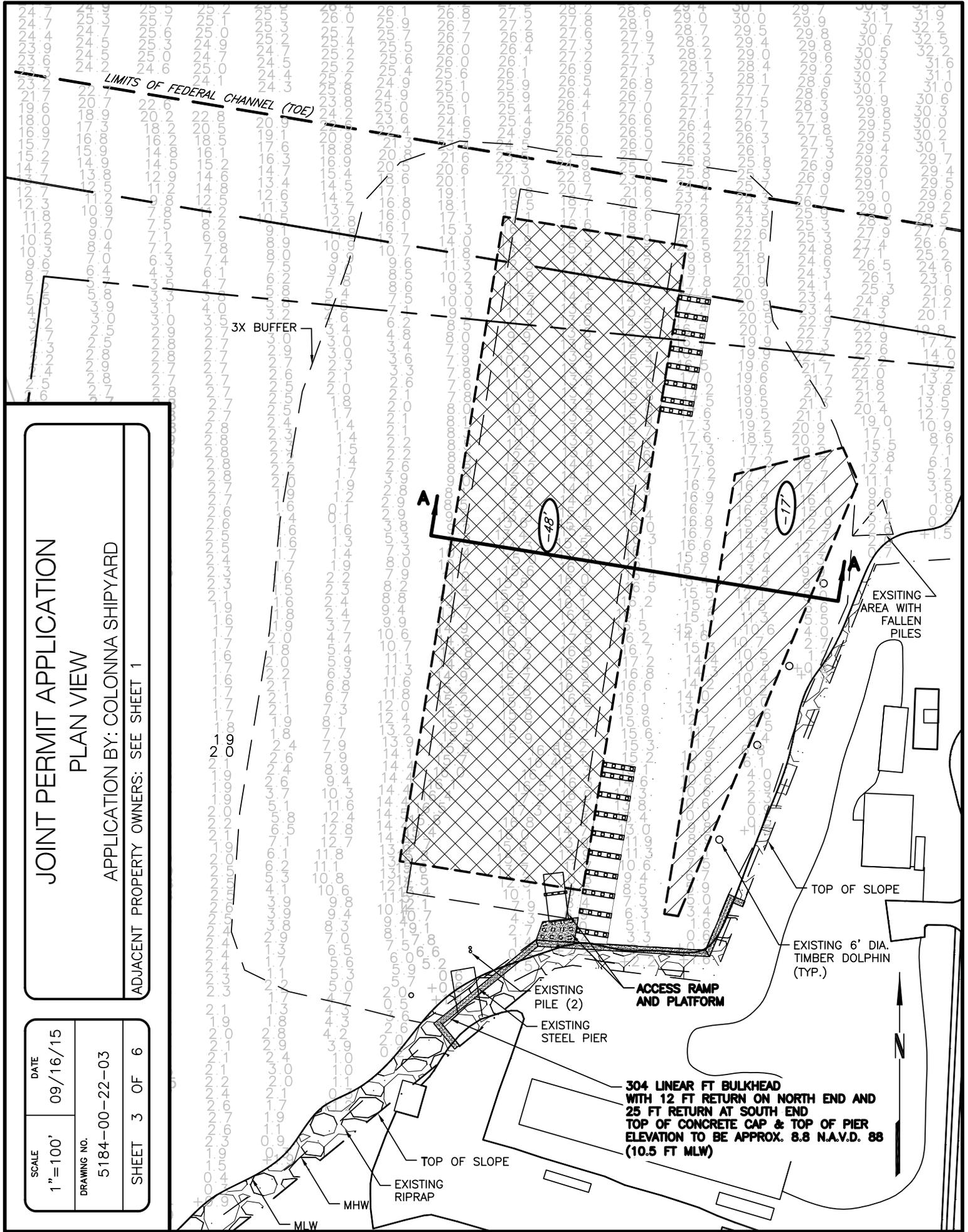
ADJACENT PROPERTY OWNERS: SEE SHEET 1

SCALE
1" = 100'

DATE
09/16/15

DRAWING NO.
5184-00-22-03

SHEET 3 OF 6

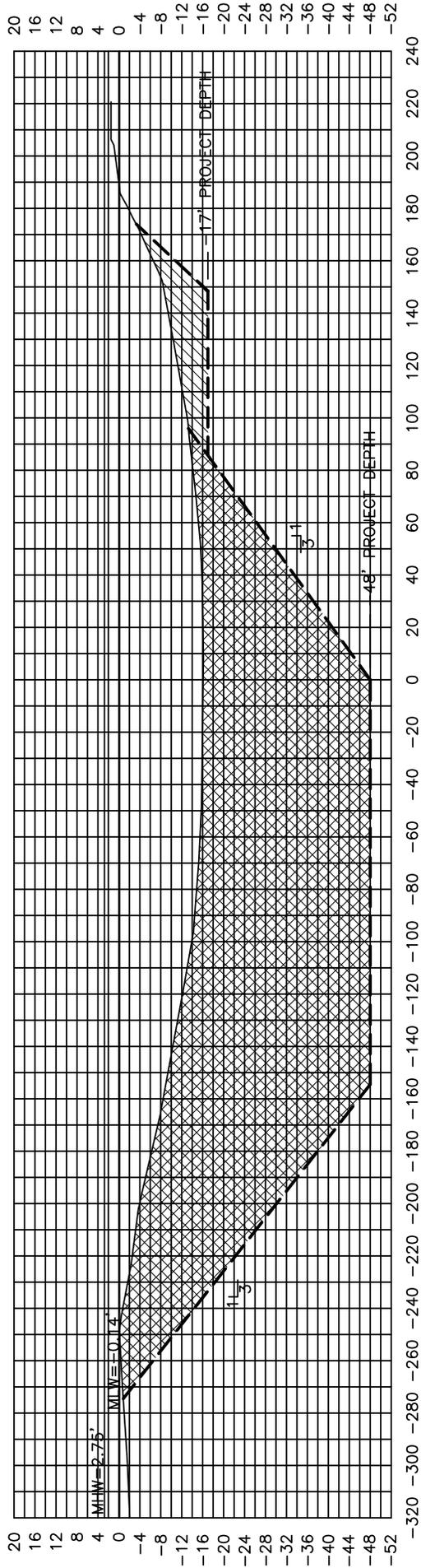


**304 LINEAR FT BULKHEAD
WITH 12 FT RETURN ON NORTH END AND
25 FT RETURN AT SOUTH END
TOP OF CONCRETE CAP & TOP OF PIER
ELEVATION TO BE APPROX. 8.8 N.A.V.D. 88
(10.5 FT MLW)**

JOINT PERMIT APPLICATION
DREDGING SECTION
APPLICATION BY: COLONNA SHIPYARD

ADJACENT PROPERTY OWNERS: SEE SHEET 1

SCALE H:1"=60' V:1"=30'	DATE 09/16/15
DRAWING NO. 5184-00-22-04	
SHEET 4 OF 6	



SECTION A-A

SCALE
1"=50'

DATE
09/16/15

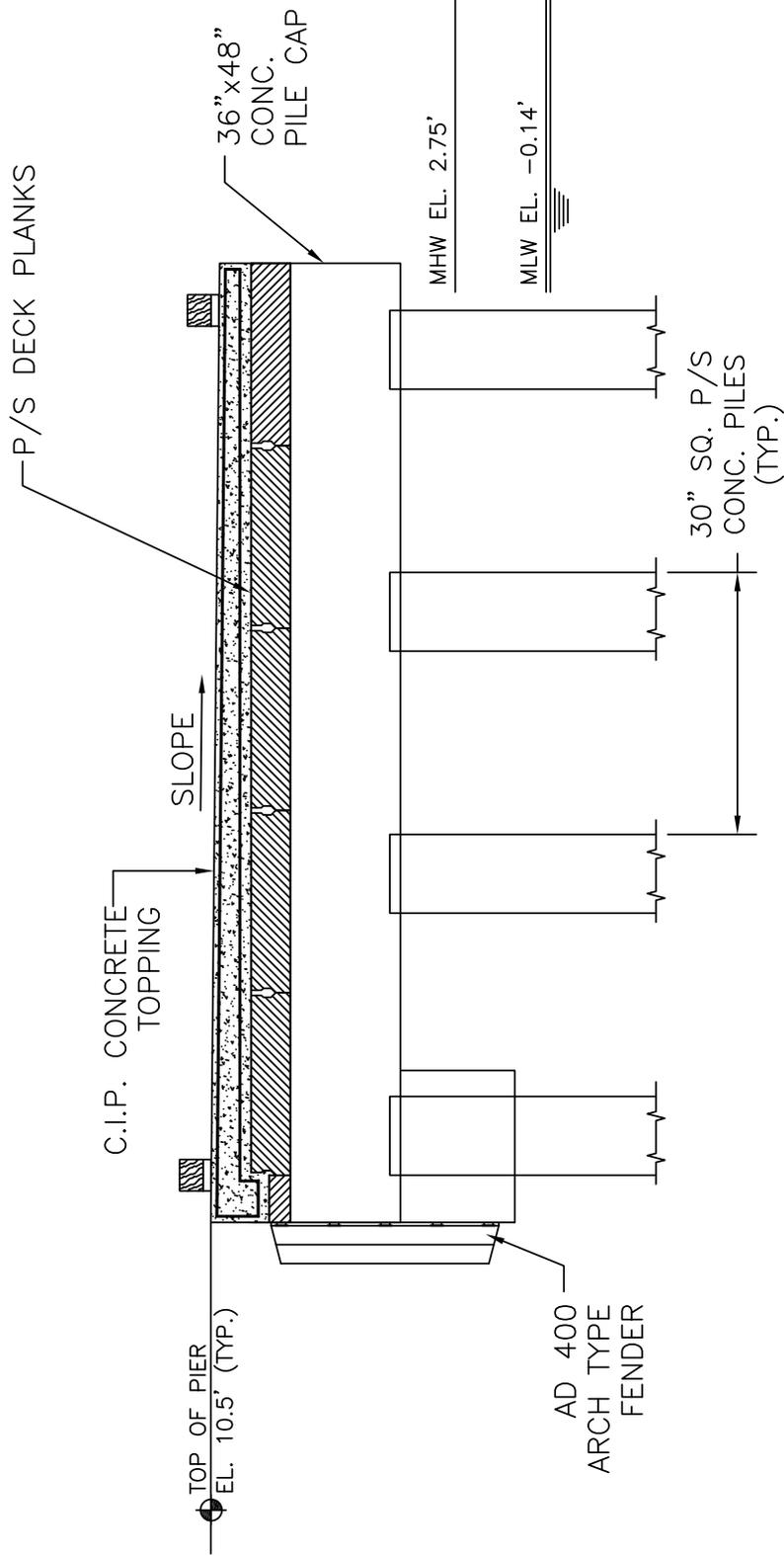
DRAWING NO.
5184-00-22-05

SHEET 5 OF 6

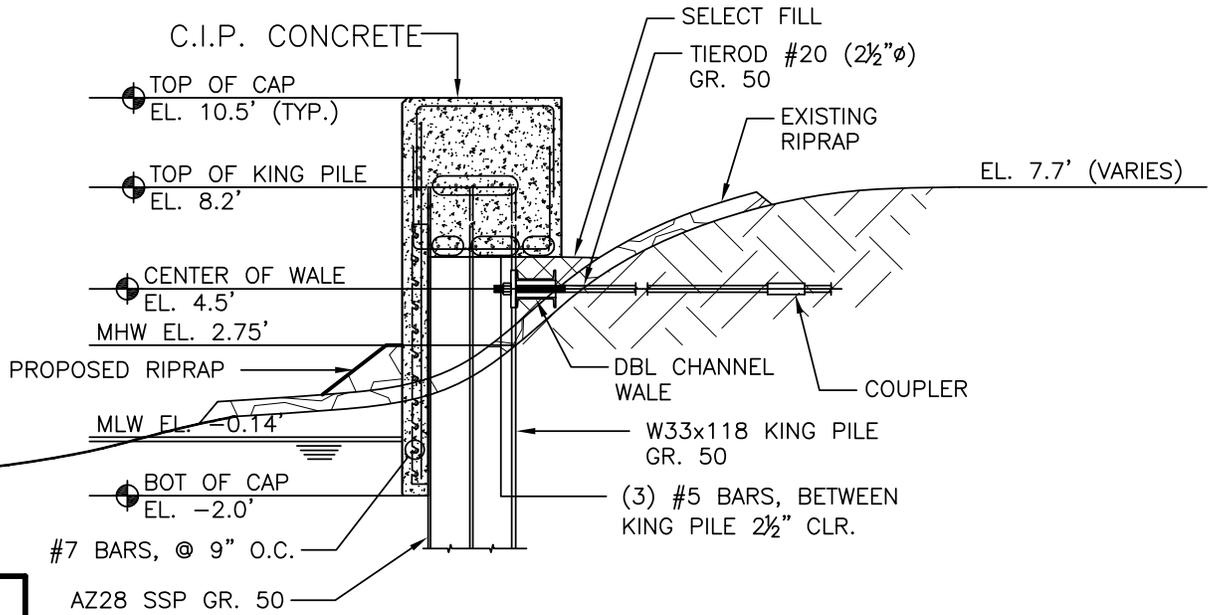
JOINT PERMIT APPLICATION
CONCRETE PIER DETAIL

APPLICATION BY: COLONNA SHIPYARD

ADJACENT PROPERTY OWNERS: SEE SHEET 1



TYPICAL PIER AND DOLPHIN
CROSS SECTION



TYPICAL BULKHEAD CROSS SECTION

JOINT PERMIT APPLICATION
DREDGING SECTION
APPLICATION BY: COLONNA SHIPYARD

ADJACENT PROPERTY OWNERS: SEE SHEET 1

SCALE	DATE
AS SHOWN	09/16/15
DRAWING NO.	
5184-00-22-06	
SHEET 6 OF 6	

