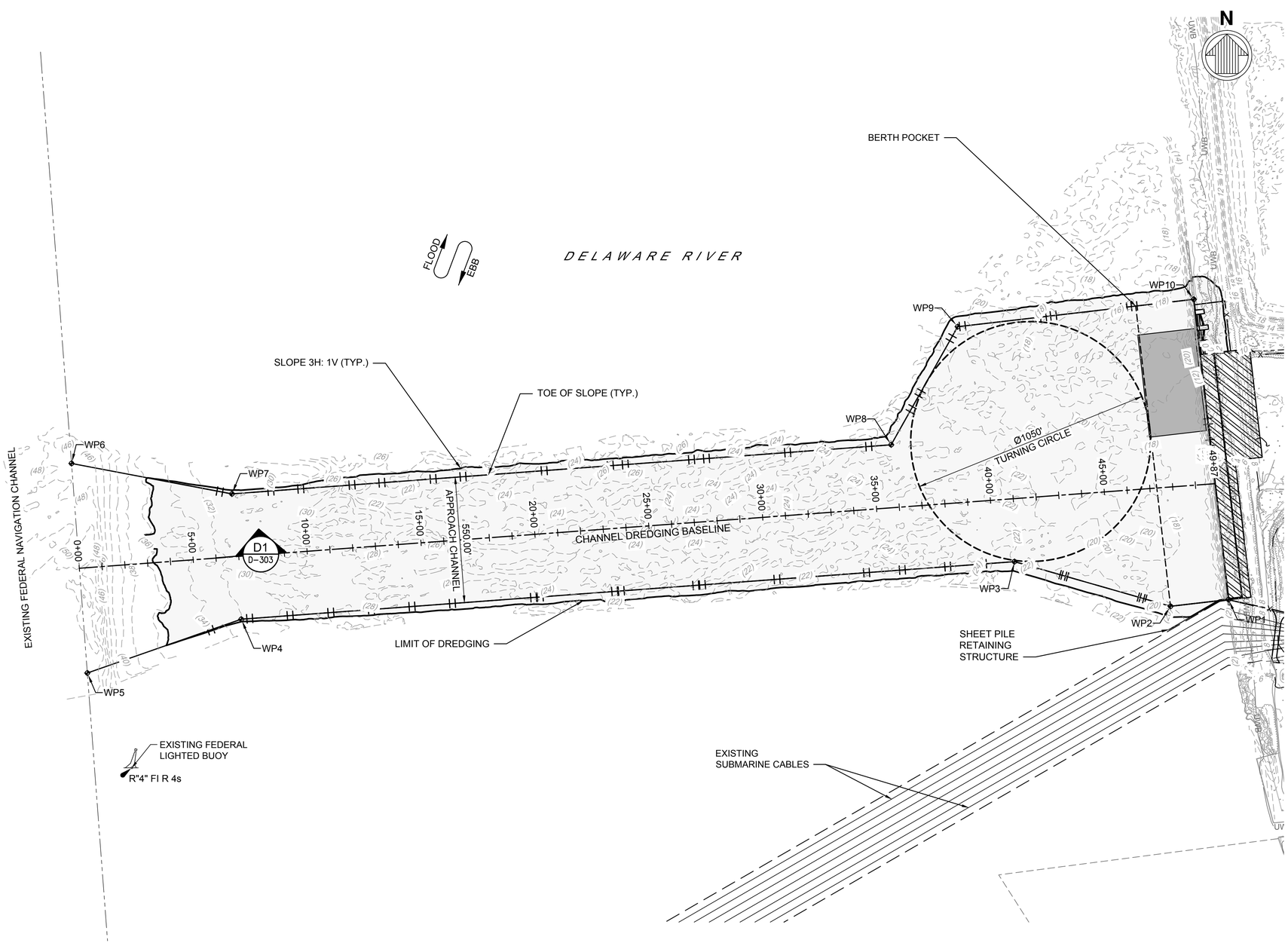

A1
D-101

PLAN - DREDGING

SCALE: 1" = 250'

NOTES

1. FOR GENERAL NOTES, SEE SHEET G-002.
2. FOR LEGEND AND ABBREVIATIONS, SEE SHEET G-003.
3. FOR DREDGING CROSS SECTIONS, SEE SHEETS D-301 AND D-302.

WORKING POINTS TABLE		
POINT #	NORTHING	EASTING
WP1	234,206.15	197,716.89
WP2	234,176.66	197,462.59
WP3	234,372.11	196,779.62
WP4	234,120.07	193,394.30
WP5	233,884.60	192,720.35
WP6	234,801.80	192,651.15
WP7	234,668.55	193,353.47
WP8	234,883.42	196,239.47
WP9	235,400.28	196,530.78
WP10	235,520.16	197,564.52

LEGEND:

- PILE SUPPORTED HEAVY LIFT AREA
- AREA TO BE DREDGED DEPTH -35.5 FT NAVD88 (MAX ALLOWANCE OVERDREDGE 1.5FT)
- AREA TO BE DREDGED DEPTH -47.5 FT NAVD88 (MAX ALLOWANCE OVERDREDGE 1.5FT)

DREDGE QUANTITIES (CY)	
DESIGN DREDGE ELEVATION	1,773,400
OVERDREDGE ALLOWANCE	186,100
TOTAL	1,959,500

NOTES

1. ELEVATIONS SHOWN REFERENCE NAVD88.
2. HYDROGRAPHIC DATA DEPICTED ON THIS DRAWING IS BASED ON SURVEY CONDUCTED BY S. T. HUDSON ENGINEERS, INC. ON JANUARY 2020

500' 0' 250' 500'

SCALE: 1"=250'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr.

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DREDGING

Designed by: FGC
Date: JUNE 2020
Rev. -
Dwn by: HR
Ckd by: PGV
M&N Project No. 10791
Reviewed by: WTP
Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol

PSEG

STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER

SEAL 06/30/2020

Sheet Reference No.
D-101
INDEX: 10 OF 53

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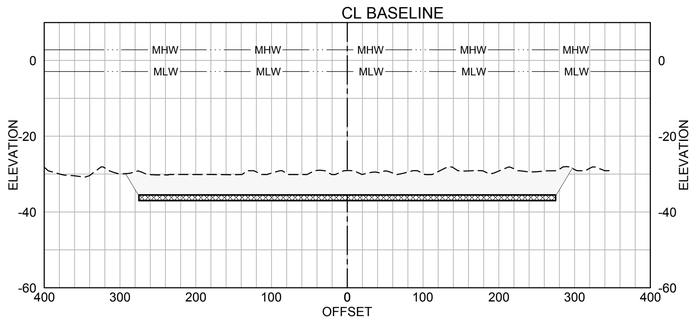

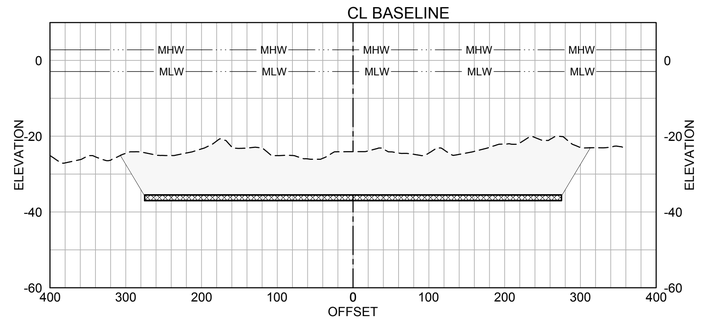

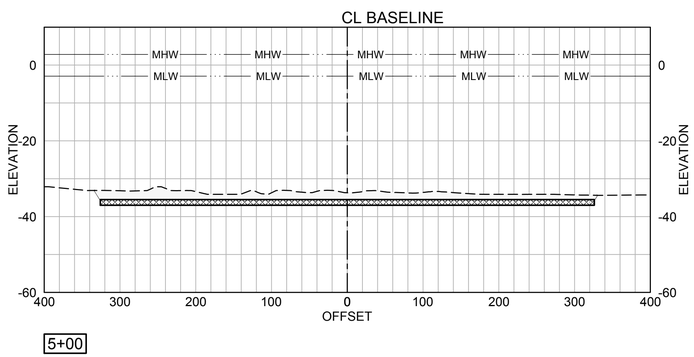

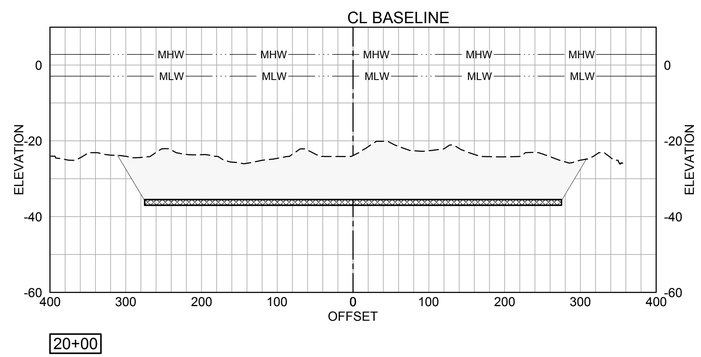

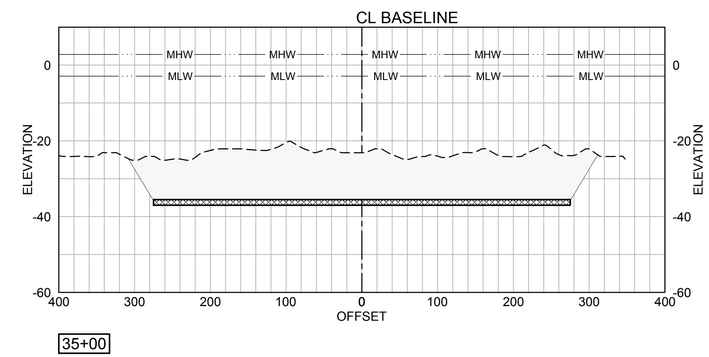

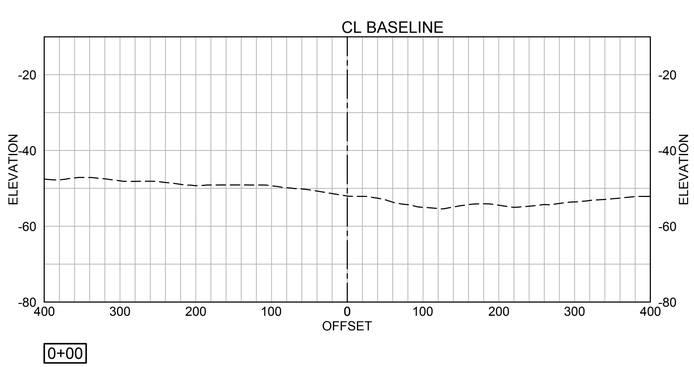

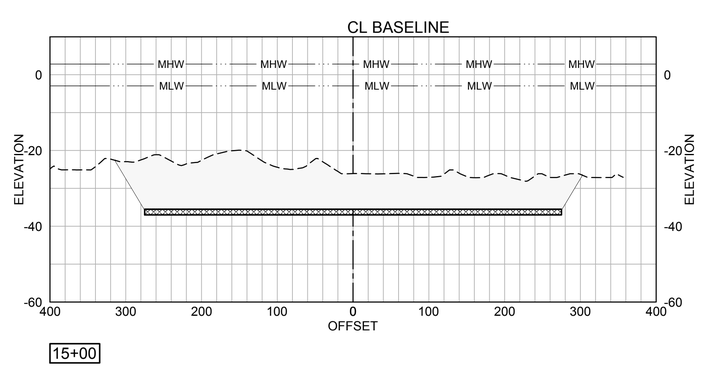

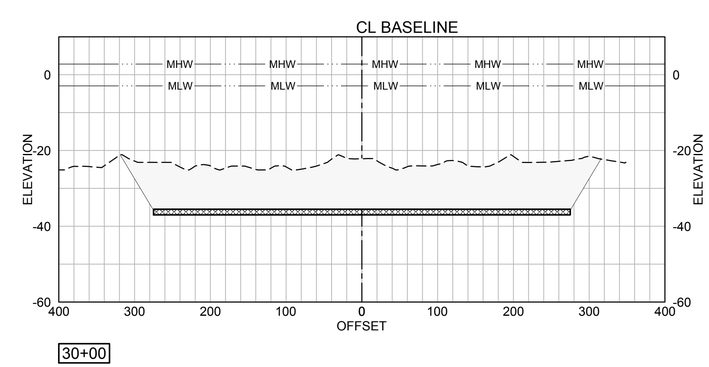

LEGEND

- AREA TO BE DREDGED DEPTH -35.5 FT NAVD88
- MAX ALLOWANCE OVERDREDGE 1.5 FT
- EXISTING MUDLINE
- MHW — MEAN HIGH WATER (EL 2.80)
- MLW — MEAN LOW WATER (EL -2.94)

20' 0' 20' 40'
SCALE: VERT 1"=20'

100' 0' 100' 200'
SCALE: HORZ 1"=100'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - DREDGING
(1 OF 2)

Designed by: FGC
Date: JUNE 2020
Rev: -
Dwn by: HR
Ckd by: PGV
M&N Project No: 10791
Drawing code:
Reviewed by: WTP
Drawing Scale:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol
PSEG

STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
D-301
INDEX: 11 OF 53

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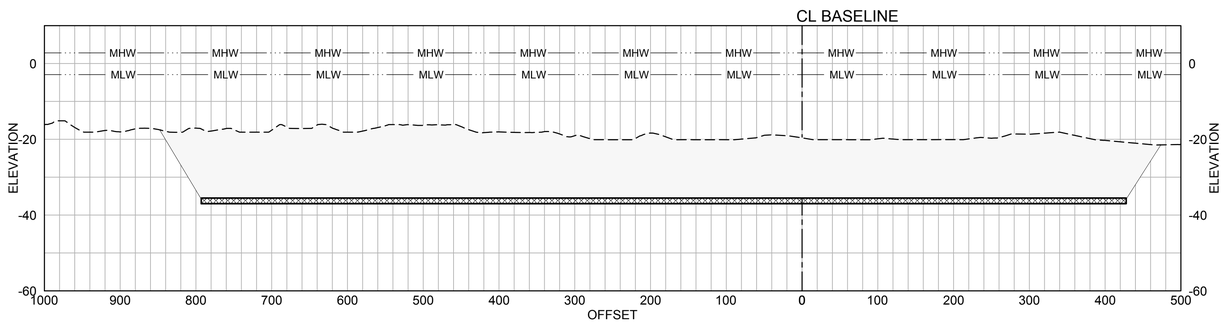

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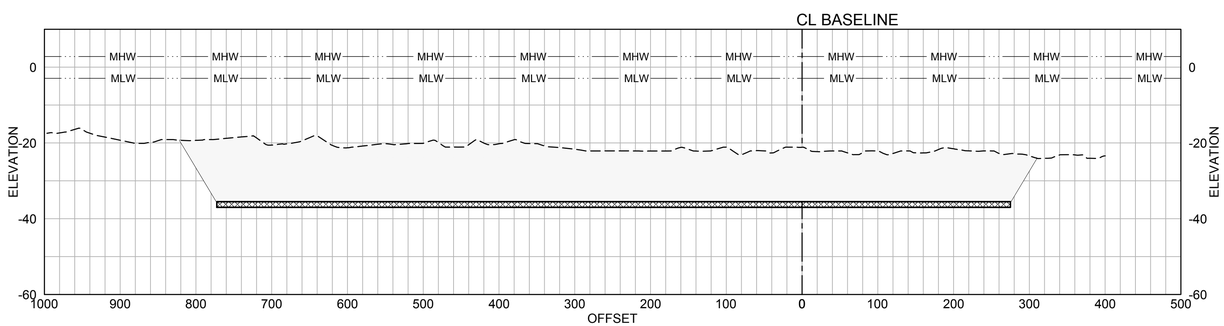

40+00

LEGEND

- AREA TO BE DREDGED DEPTH -35.5 FT NAVD88
- MAX ALLOWANCE OVERDREDGE 1.5 FT
- EXISTING MUDLINE
- MHW — MEAN HIGH WATER (EL 2.80)
- MLW — MEAN LOW WATER (EL -2.94)

20' 0' 20' 40'

SCALE: VERT 1"=20'

100' 0' 100' 200'

SCALE: HORZ 1"=100'

PRELIMINARY DESIGN
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ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - DREDGING
(2 OF 2)

Designed by: FGC
Date: JUNE 2020
Rev. -
Dwn by: HR
Ckd by: PGV
M&N Project No. 10791
Reviewed by: WTP
Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol

PSEG

STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER

SEAL 06/30/2020

Sheet Reference No.
D-302
INDEX: 12 OF 53

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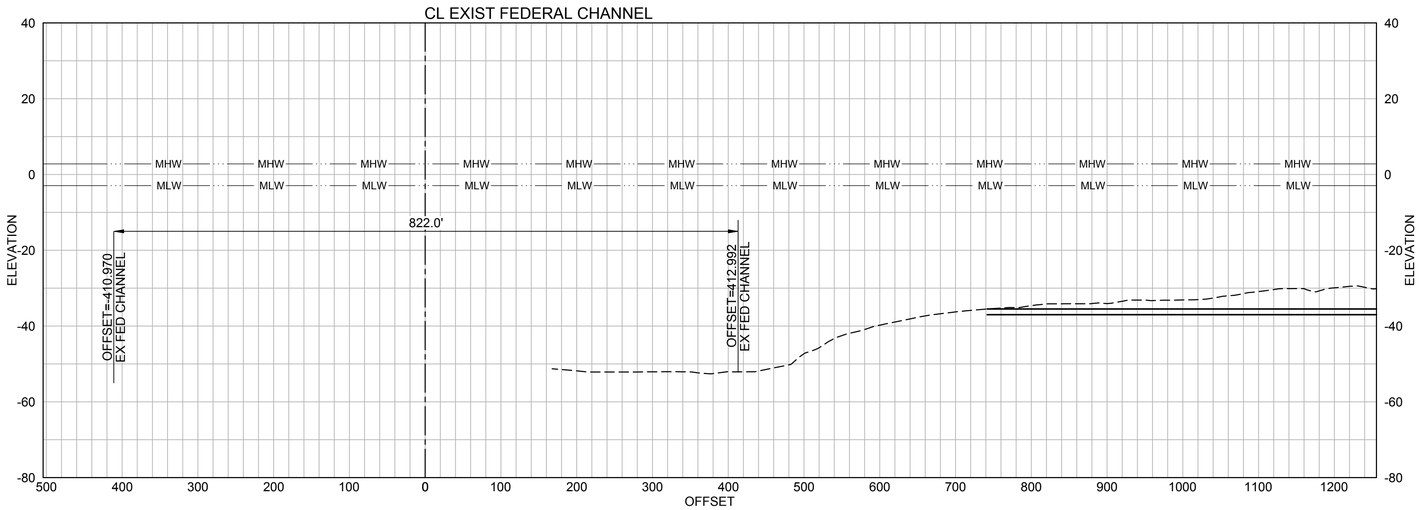

D1 / D-101 PROFILE - DREDGING
SCALE: 1" = 100'

LEGEND

- AREA TO BE DREDGED DEPTH -35.5 FT NAVD88
- MAX ALLOWANCE OVERDREDGE 1.5 FT
- EXISTING MUDLINE
- MHW — MEAN HIGH WATER (EL 2.80)
- MLW — MEAN LOW WATER (EL -2.94)

20' 0' 20' 40'
SCALE: VERT 1"=20'

100' 0' 100' 200'
SCALE: HORZ 1"=100'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
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Mark	Description	Date	Appr.

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PROFILE - DREDGING

Designed by: FGC
Date: JUNE 2020
Rev. -
Dwn by: HR
Ckd by: PGV
M&N Project No. 10791
Reviewed by: WTP
Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (O SHEET)

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-399-7330

PSEG

STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
D-303
INDEX: 13 OF 53

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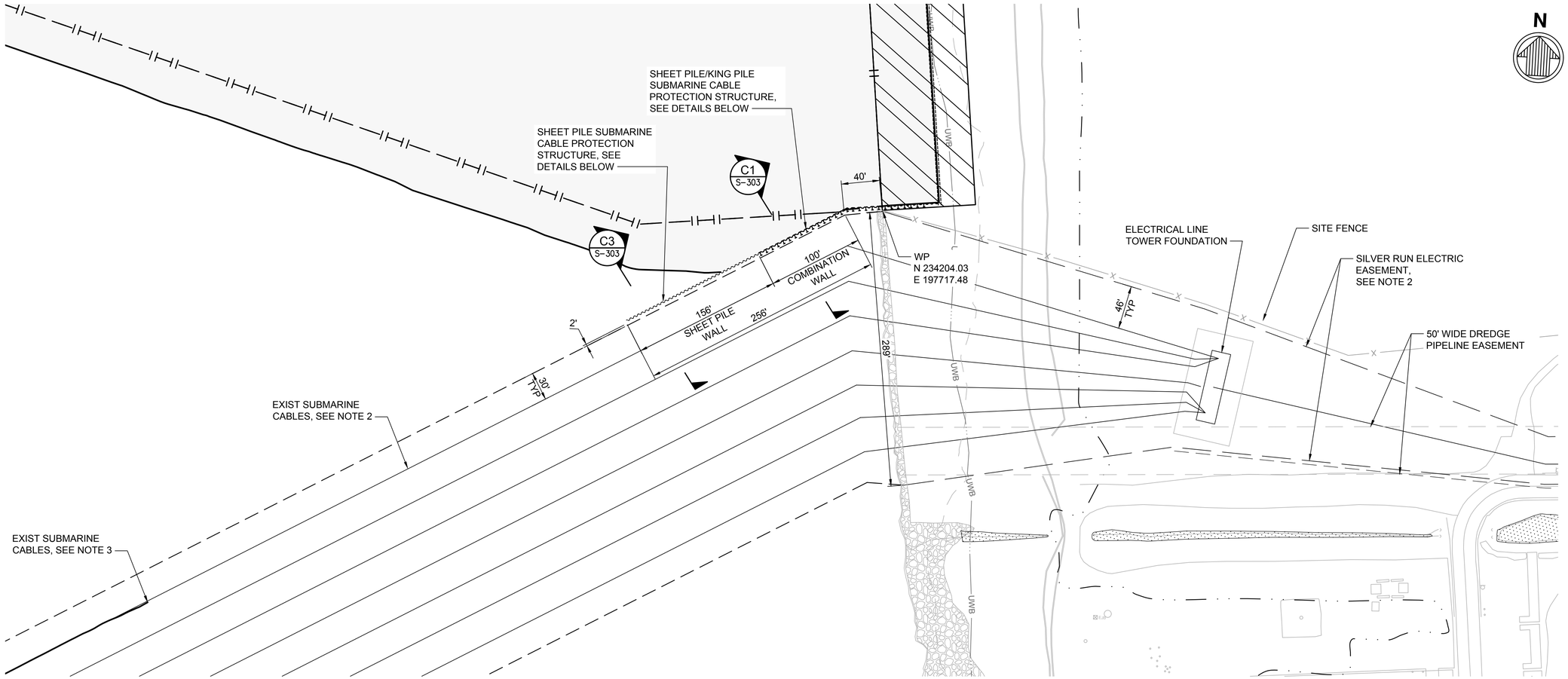
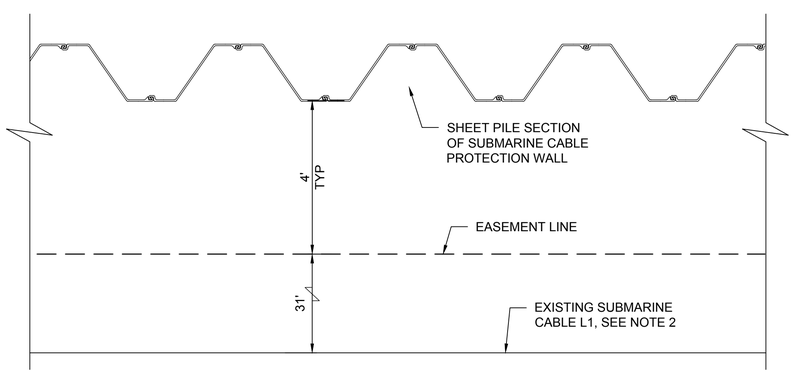
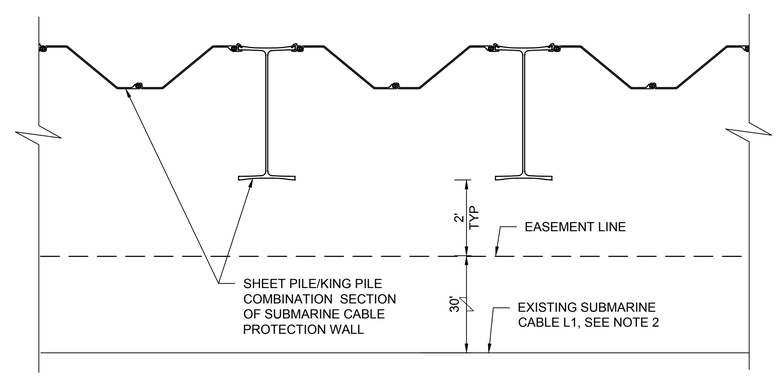


C1 / CW-101 ENLARGED PLAN
SCALE: 1" = 60'



A1 / CW-101 DETAIL - TYPICAL CLEARANCE OF SHEET PILE WALL
SCALE: 1" = 2'



A3 / CW-101 DETAIL - TYPICAL CLEARANCE COMBINATION WALL
SCALE: 1" = 2'

NOTES:

1. ELEVATIONS SHOWN REFERENCE NAVD88.
2. LS POWER EASEMENT LIMITS AND INFRASTRUCTURE SHOWN WERE REFERENCED FROM JANUARY 24, 2018 NJDEP PERMIT PLANS PERFORMED NY MARATHON ENGINEERING & ENVIRONMENTAL SERVICES.
3. AS-BUILT COORDINATES FOR SUBMARINE CABLE #1 EXTRACTED FROM FILE "SILVERRUN-L1 SLB MP 3654-MP13120 CLIENT DATA (AMENDED)_TO PSEG", DATA PROVIDED BY LS POWER ON JANUARY 23, 2020

60' 0 60' 120'
SCALE: 1"=60'

2' 0 2' 4'
SCALE: 1"=2'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN AND DETAIL - SUBMARINE CABLE PROTECTION WALL

Designed by: DK
Date: JUNE 2020
Rev. -
Dwn by: HR
Ckd by: PGV
M&N Project No. 10791
Drawing code:
Reviewed by: WTP
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol
PSEG

STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
CW-101
INDEX: 31 OF 53

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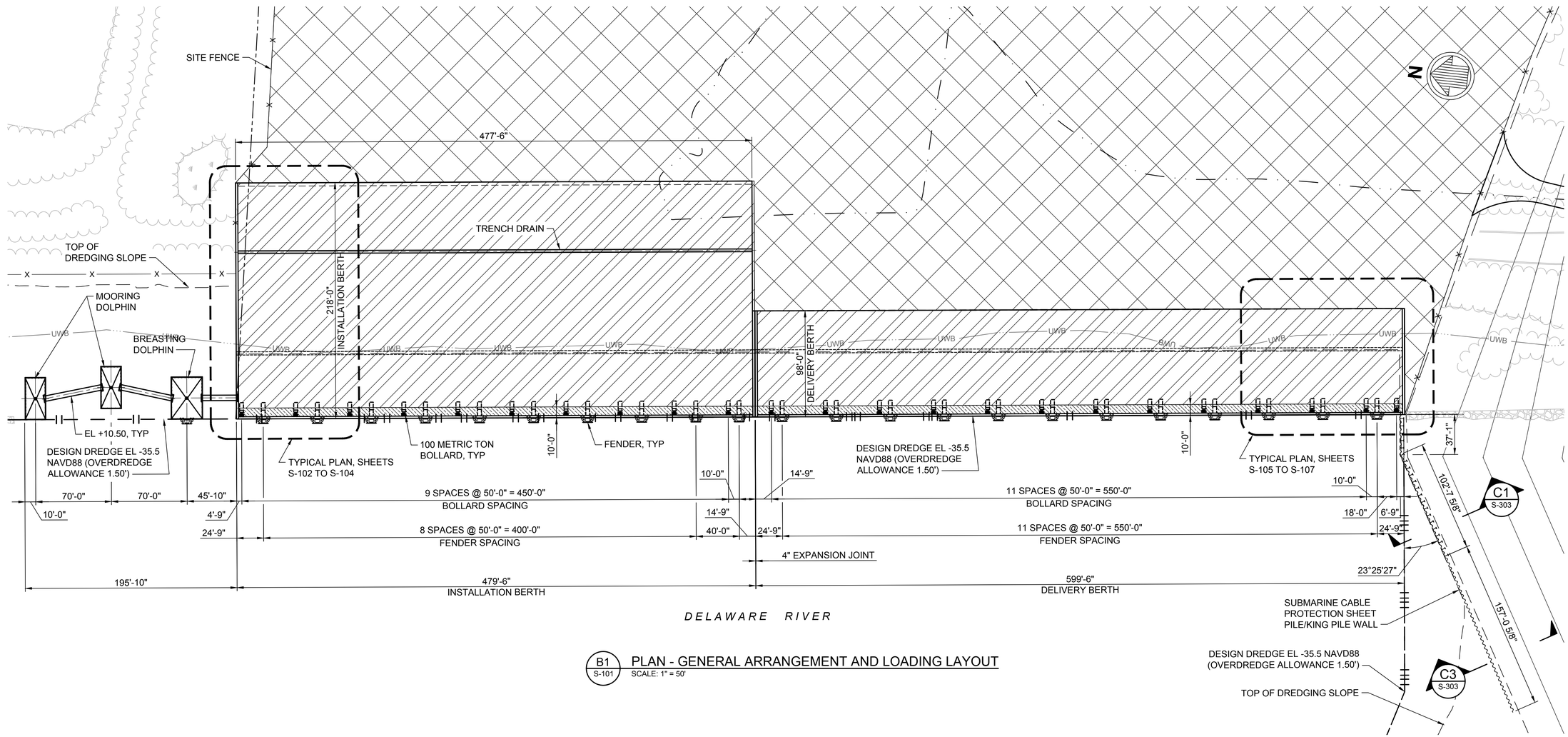

B1 / S-101 PLAN - GENERAL ARRANGEMENT AND LOADING LAYOUT
SCALE: 1" = 50'

LEGEND:

- 5000 PSF LIVE LOAD, PILE SUPPORTED HEAVY LIFT AREA
- 3000 PSF LIVE LOAD, UPLAND STORAGE AND STAGING AREA
- 5000 PSF LIVE LOAD, 10 FT WIDE BULKHEAD SAFETY ZONE
- DESIGN DREDGE TOE OF SLOPE

NOTES:

1. FOR GENERAL NOTES, SEE SHEET G-002.
2. FOR LEGEND AND ABBREVIATIONS, SEE SHEET G-003.
3. FOR STORM DRAINAGE AND STORMWATER MANAGEMENT LAYOUT, SEE SHEET CU102.

50' 0' 50' 100'
SCALE: 1"=50'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - GENERAL ARRANGEMENT AND LOADING LAYOUT

Designed by: IS
Date: JUNE 2020
Rev: -
Dwn by: RG
Cad by: PGV
M&N Project No. 10791
Drawing code:
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol
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STATE OF NEW JERSEY
THOMAS J. SHAFER JR.
No. 39102
LICENSED PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-101
INDEX: 38 OF 53

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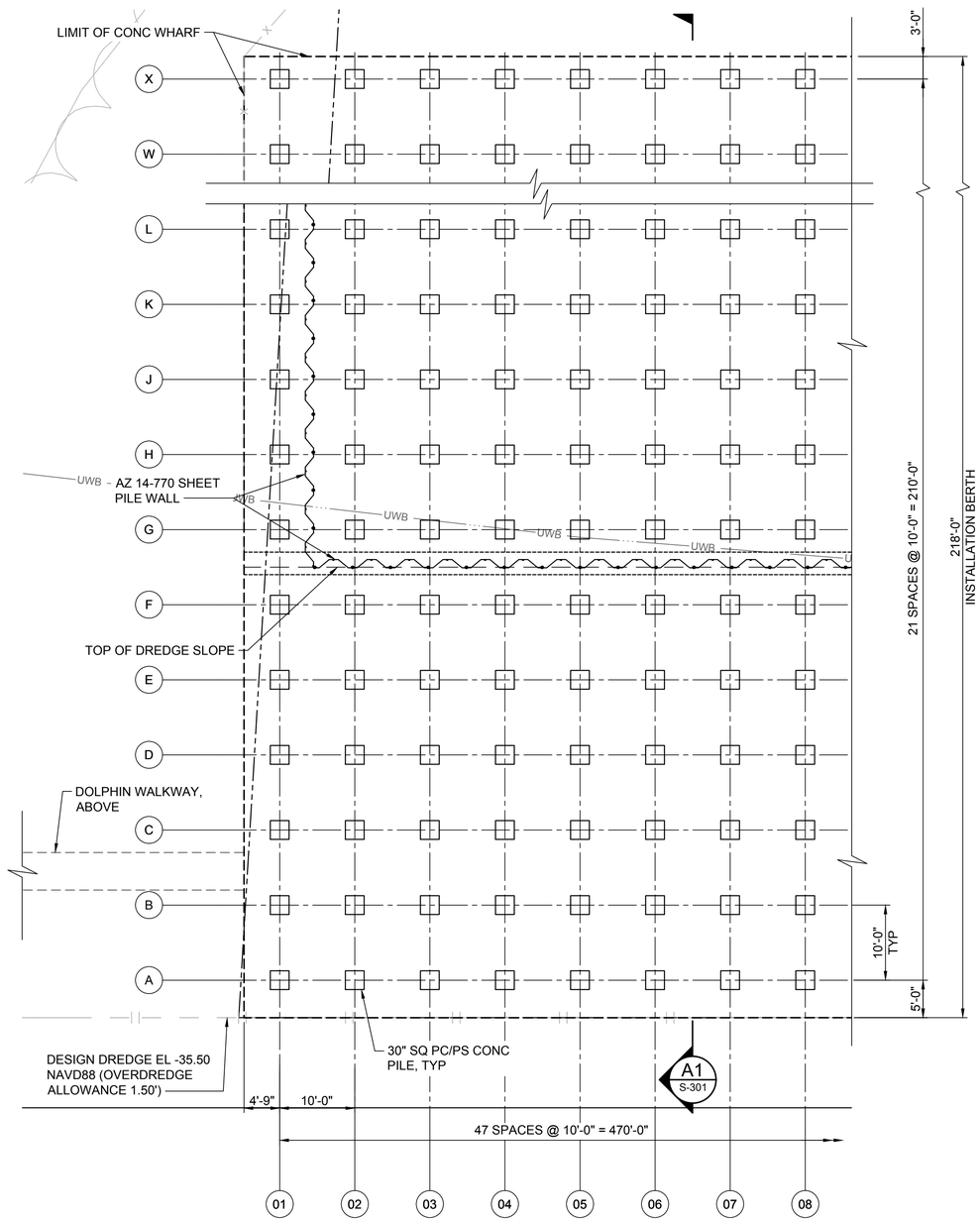

B1 S-102 PLAN - INSTALLATION BERTH - PILES
SCALE: 1" = 10'

10'-0" 0'-0" 10'-0" 20'-0"
SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr
1	INCREASED LOAD CAPACITY ANALYSIS	5/14/2020	MF

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAY'S CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - INSTALLATION BERTH - PILES

Designed by: IS
Dwn by: RG
Ckd by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: JUNE 2020
Rev: -
M&N Project No: 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol
PSEG

STATE OF NEW JERSEY
THOMAS J. SHAFER, JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-102
INDEX: 39 OF 53

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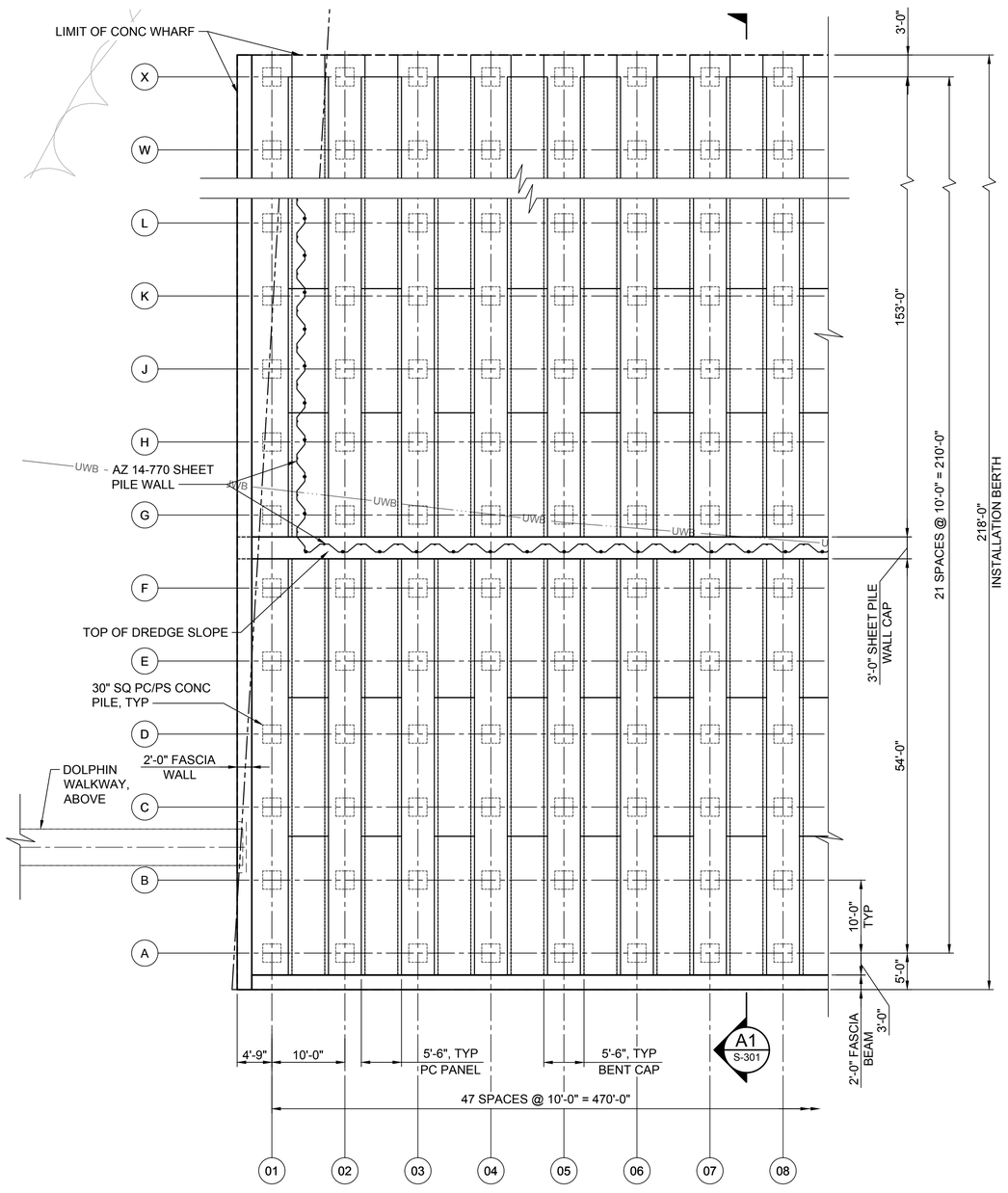

B1 S-103 PLAN - INSTALLATION BERTH - FRAMING
SCALE: 1" = 10'

10'-0" 0'-0" 10'-0" 20'-0"
SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr
1	INCREASED LOAD CAPACITY ANALYSIS	5/14/2020	MF

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - INSTALLATION BERTH - FRAMING

Designed by: IS
Dwn by: RG
Cad by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: JUNE 2020
Rev: -
M&N Project No. 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol
PSEG

STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-103
INDEX: 40 OF 53

File: Q:\BOS\Projects\10791 Hope Creek Prelim Eng - PSEG\500 CADD_ACTIVE_SheetSet\10791DS-103 ; Plotted: 6/29/2020 4:37 PM by VOELKER, PAUL ; Saved: 4/20/2020 12:48 AM by HRIDOUANE

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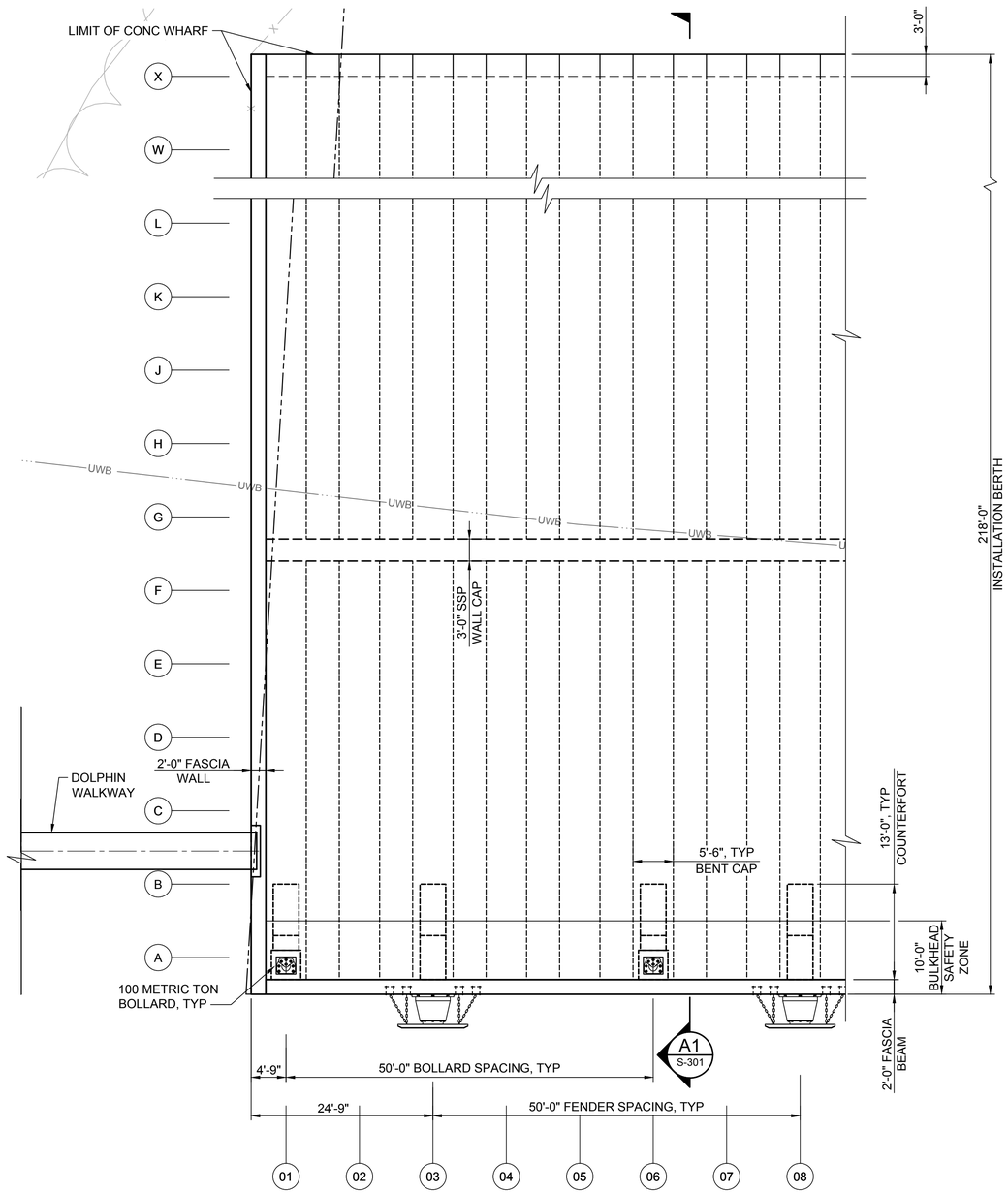

B1 / S-104 PLAN - INSTALLATION BERTH - DECK

SCALE: 1" = 10'

10'-0" 0'-0" 10'-0" 20'-0"

SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr
1	INCREASED LOAD CAPACITY ANALYSIS	5/14/2020	MF

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - INSTALLATION BERTH - DECK

Rev. -
Date: JUNE 2020
M&N Project No. 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

Designed by: IS
Dwn by: RG
Ckd by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
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THOMAS J. SHAFFER JR.
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PROFESSIONAL ENGINEER

SEAL 06/30/2020

Sheet Reference No.
S-104
INDEX: 41 OF 53

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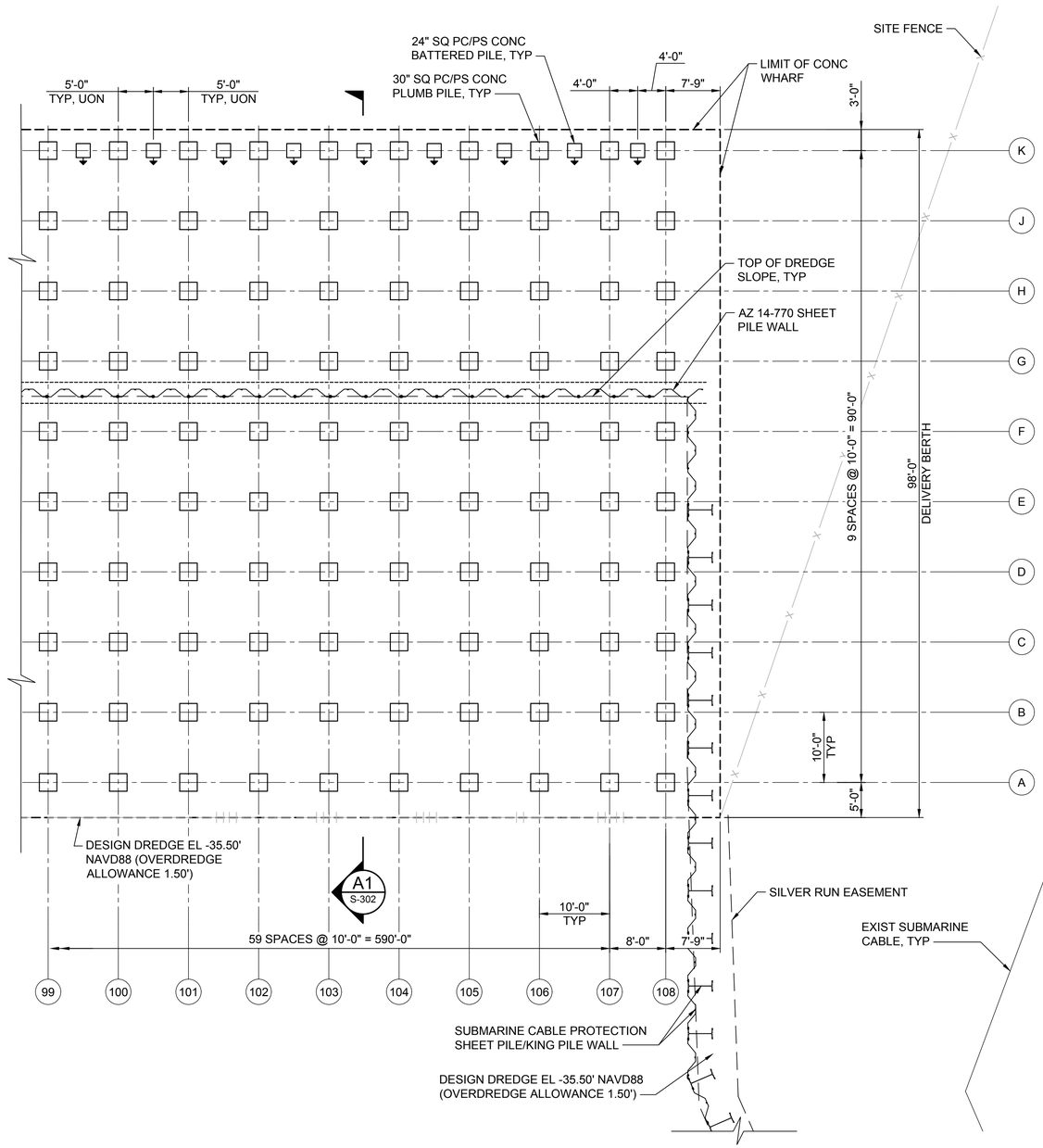
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



B1 / S-105 PLAN - DELIVERY BERTH - PILES
SCALE: 1" = 10'

10'-0" 0'-0" 10'-0" 20'-0"
SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr
1	INCREASED LOAD CAPACITY ANALYSIS	5/14/2020	MF

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DELIVERY BERTH - PILES

Designed by: IS
Dwn by: RG
Ckd by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: JUNE 2020
Rev: -
M&N Project No. 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol

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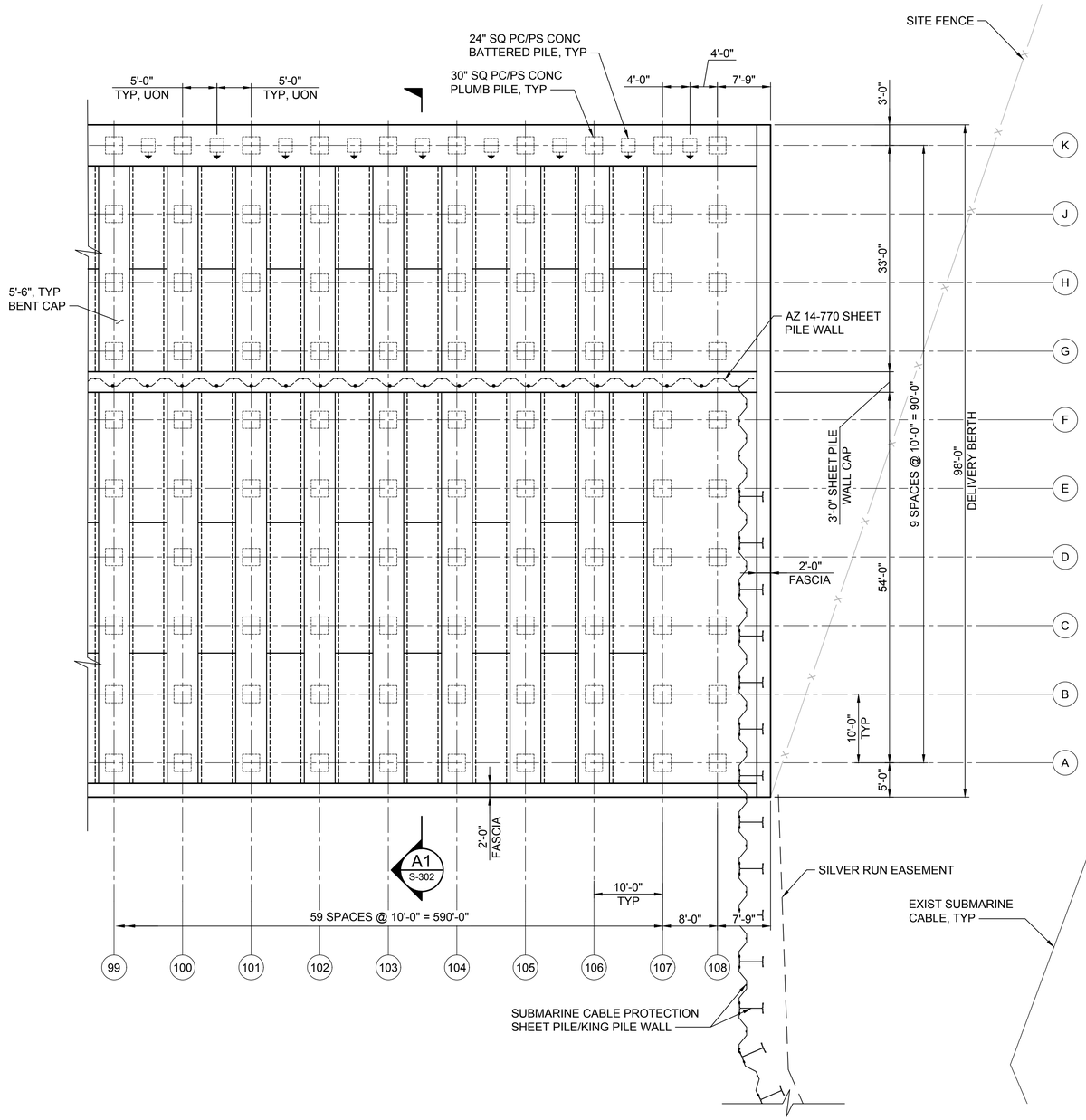
STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-105
INDEX: 42 OF 53

File: Q:\BOS\Projects\10791 Hope Creek Prelim Eng - PSEG\500 CADD_ACTIVE_SheetSet\10791DS-105 ; Plotted: 6/29/2020 4:39 PM by VOELKER, PAUL ; Saved: 4/20/2020 12:50 AM by HRIDOUANE

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



B1 S-106 PLAN - DELIVERY BERTH - FRAMING
SCALE: 1" = 10'

N

10'-0" 0'-0" 10'-0" 20'-0"
SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
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Mark	Description	Date	Appr
1	INCREASED LOAD CAPACITY ANALYSIS	5/14/2020	MF

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DELIVERY BERTH - FRAMING

Designed by: IS
Dwn by: RG
Ckd by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: JUNE 2020
Rev. -
M&N Project No. 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

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THOMAS J. SHAFFER JR.
No. 39102
LICENSED PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-106
INDEX: 43 OF 53

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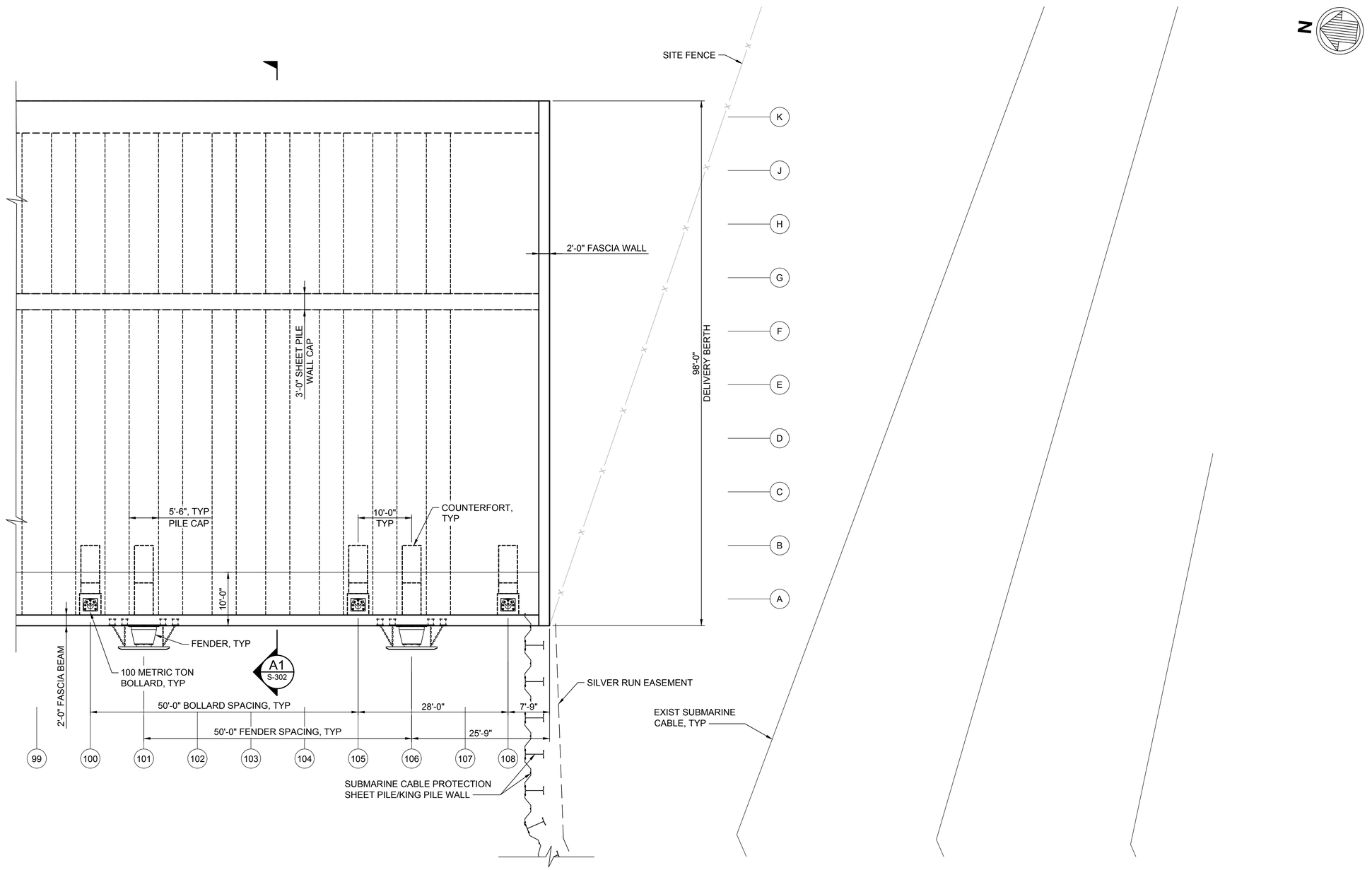
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



B1 S-107 PLAN - DELIVERY BERTH - DECK
SCALE: 1" = 10'

10'-0" 0'-0" 10'-0" 20'-0"
SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr
1	INCREASED LOAD CAPACITY ANALYSIS	5/14/2020	MF

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DELIVERY BERTH - DECK

Designed by: IS
Date: JUNE 2020
Rev. -
Dwn by: RG
Ckd by: PGV
M&N Project No. 10791
Drawing code:
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

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Sheet Reference No.
S-107
INDEX: 44 OF 53

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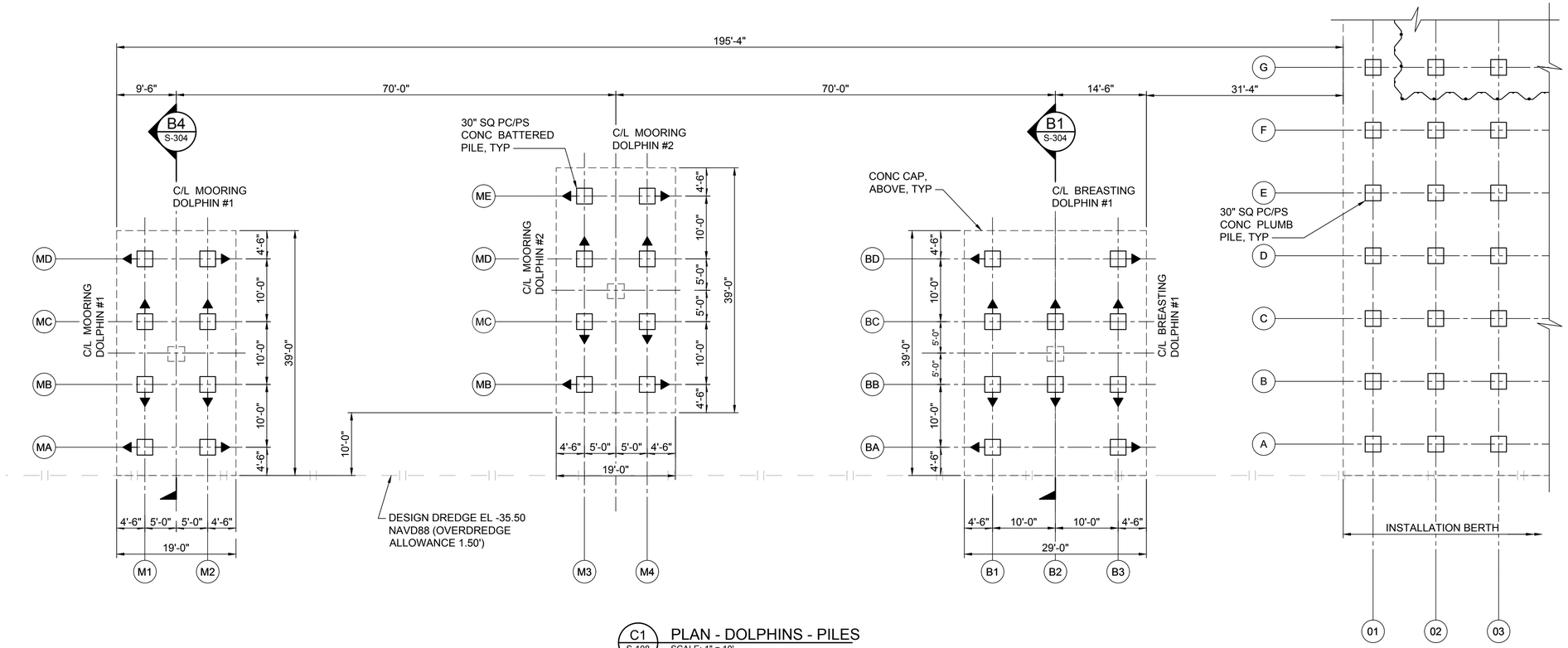
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



C1
S-108
PLAN - DOLPHINS - PILES
SCALE: 1" = 10'

10'-0" 0'-0" 10'-0" 20'-0"
SCALE: 1"=10'

PRELIMINARY DESIGN
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Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAY'S CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DOLPHINS - PILES

Designed by: IS
Date: JUNE 2020
Rev: -
Dwn by: RG
Cad by: PGV
M&N Project No. 10791
Reviewed by: MR
Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale: Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
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SEAL 06/30/2020

Sheet Reference No.
S-108
INDEX: 45 OF 53

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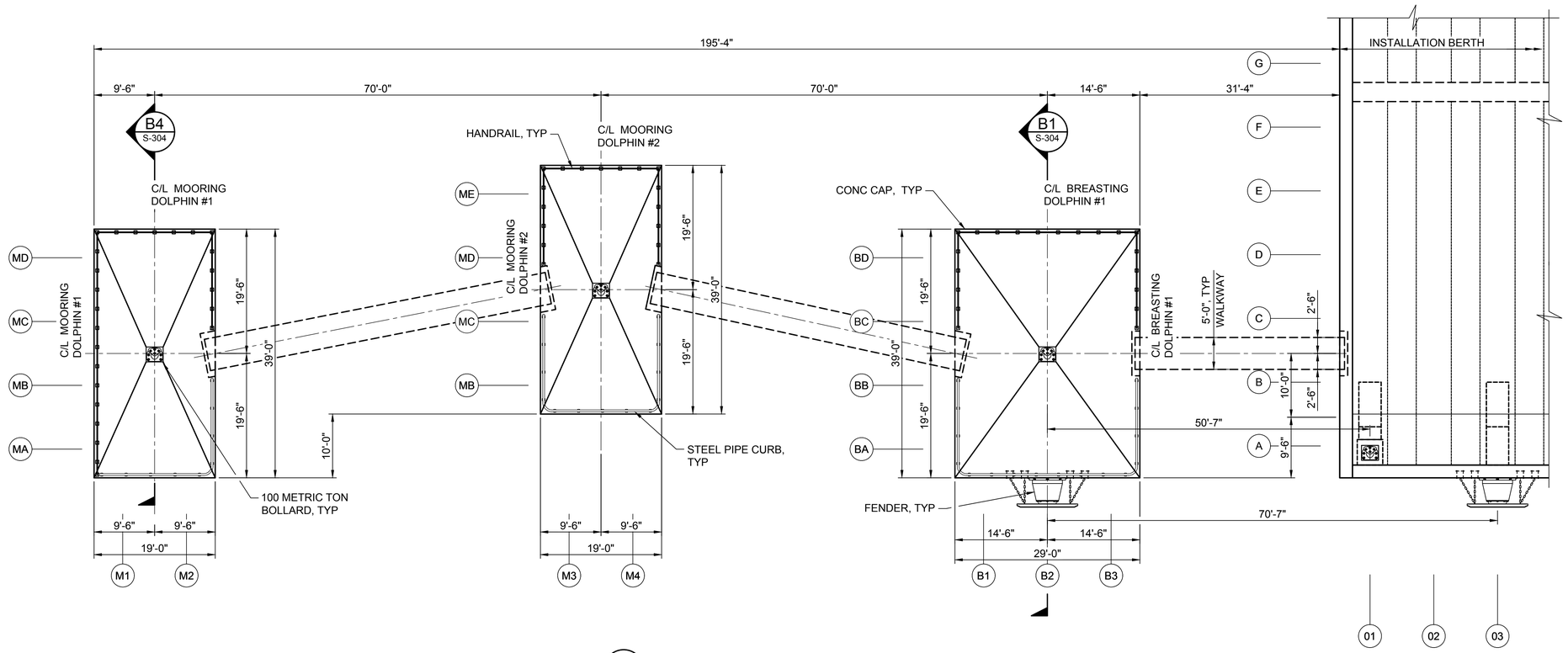

C1
S-109

PLAN - DOLPHINS - DECK

SCALE: 1" = 10'

10'-0" 0'-0" 10'-0" 20'-0"

SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DOLPHINS - DECK

Designed by: IS
Dwn by: RG
Cad by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: JUNE 2020
Rev: -
M&N Project No. 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

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No. 39102
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PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-109
INDEX: 46 OF 53

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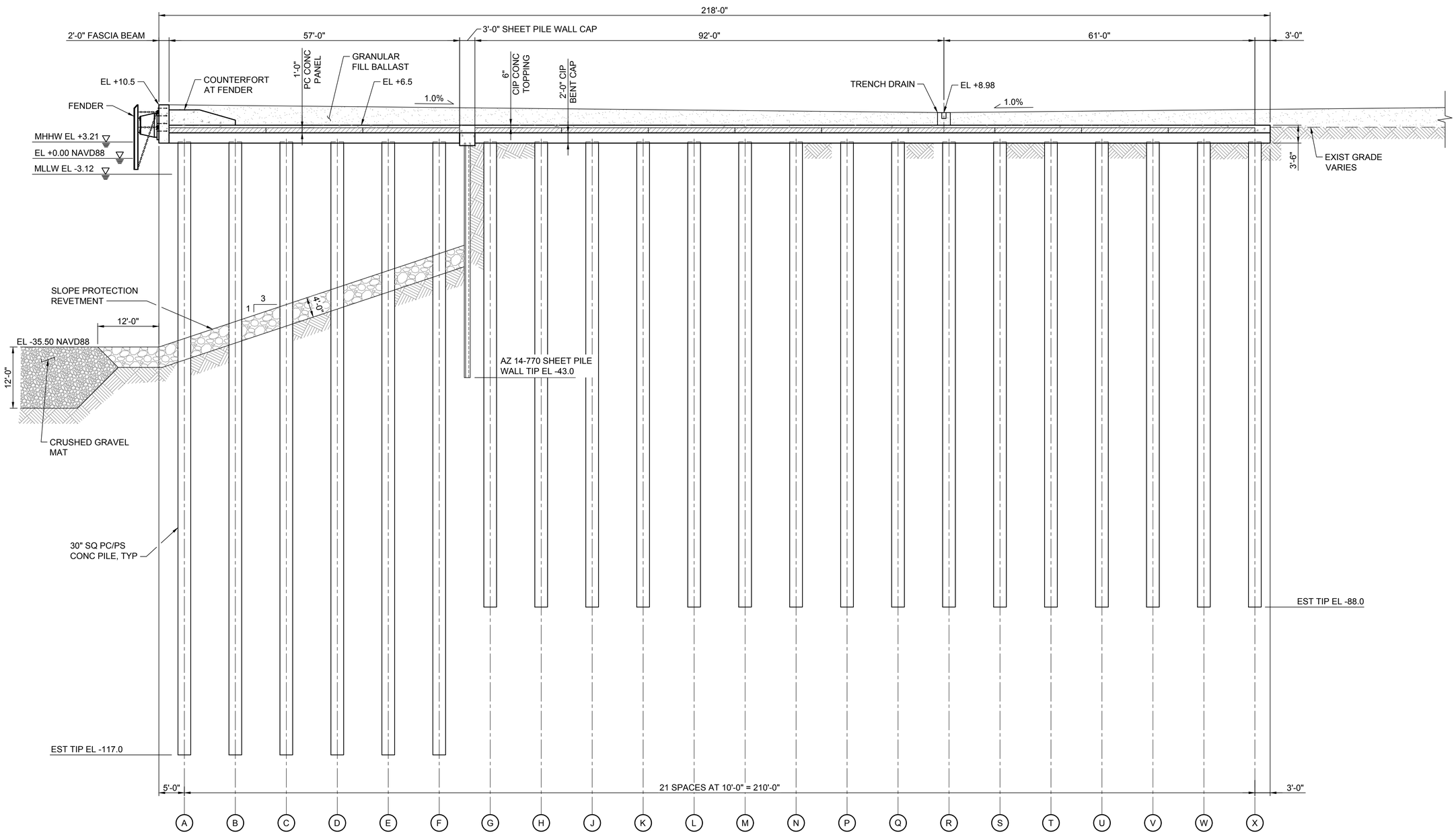

A1 S-301 SECTION - TYPICAL INSTALLATION BERTH
SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr.

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - TYPICAL INSTALLATION BERTH

Designed by: IS
Date: JUNE 2020
Rev. -
Dwn by: RG
Ckd by: PGV
M&N Project No. 10791
Drawing code:
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

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NEWTON, MA 02459
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STATE OF NEW JERSEY
THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-301
INDEX: 47 OF 53

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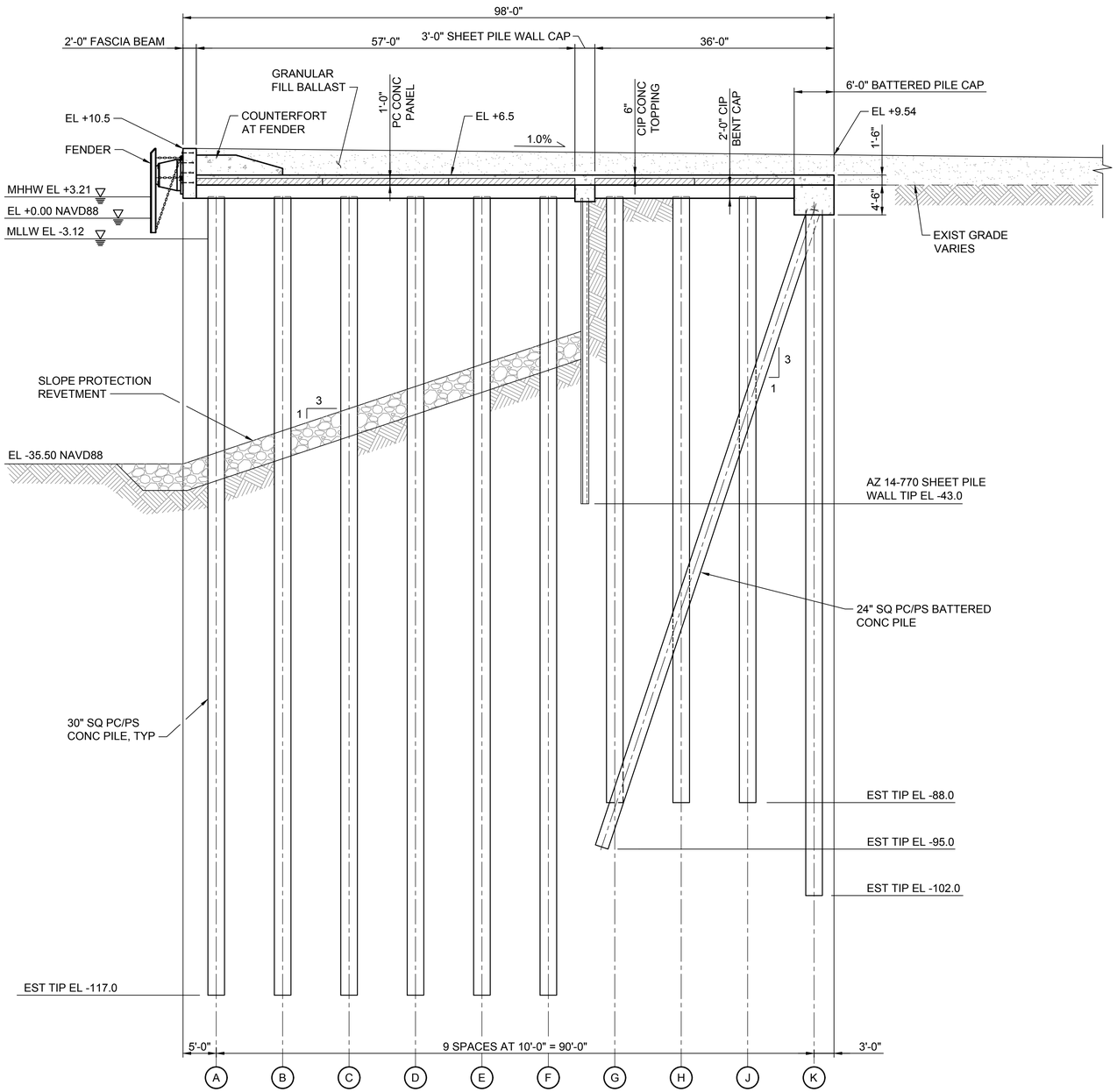

A1 / S-302 SECTION - TYPICAL DELIVERY BERTH

SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - TYPICAL DELIVERY BERTH

Designed by: IS
Dwn by: RG
Ckd by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: JUNE 2020
Rev. -
M&N Project No. 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
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THOMAS J. SHAFFER JR.
No. 39102
LICENSED PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet Reference No.
S-302
INDEX: 48 OF 53

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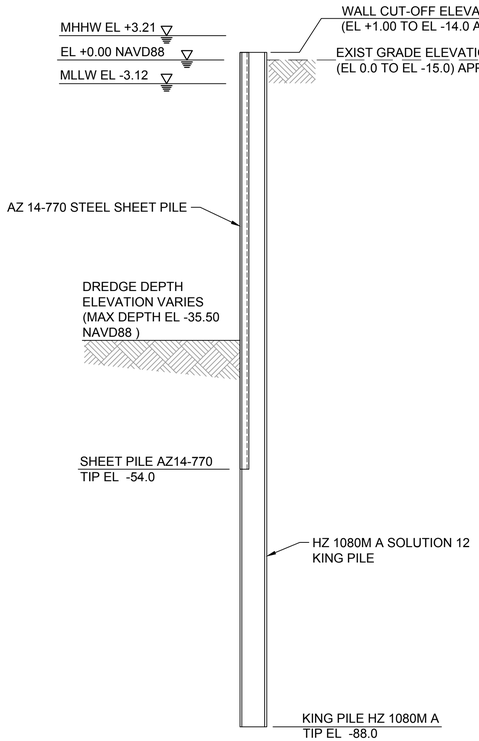
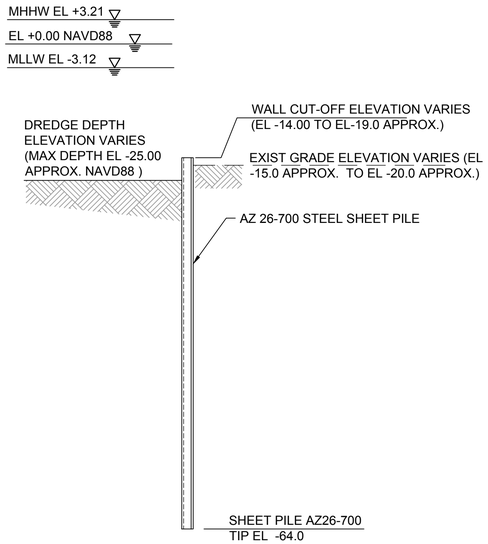


C1 S-303 SECTION - TYPICAL COMBINATION WALL
SCALE: 1"=10'



C3 S-303 SECTION - TYPICAL SHEET PILE WALL
SCALE: 1"=10'

PRELIMINARY DESIGN
ISSUED FOR PERMITTING
ISSUED: JUNE 04, 2020
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAY'S CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - TYPICAL SUBMARINE CABLE PROTECTION WALL

Designed by: IS
Dwn by: RG
Ckd by: PGV
Reviewed by: MR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: JUNE 2020
Rev: -
M&N Project No: 10791
Drawing code:
Drawing Scale:
Plot scale: 1:1 (O SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

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THOMAS J. SHAFFER JR.
No. 39102
LICENSED
PROFESSIONAL ENGINEER
SEAL 06/30/2020

Sheet
Reference No.
S-303
INDEX: 49 OF 53

File: Q:\BOS\Projects\10791 Hope Creek Prelim Eng - PSEG\500 CADD_ACTIVE_Sheet\Set1\079105-303 ; Plotted: 6/29/2020 4:41 PM by VOELKER, PAUL ; Saved: 4/20/2020 12:55 AM by HRIDOUANE

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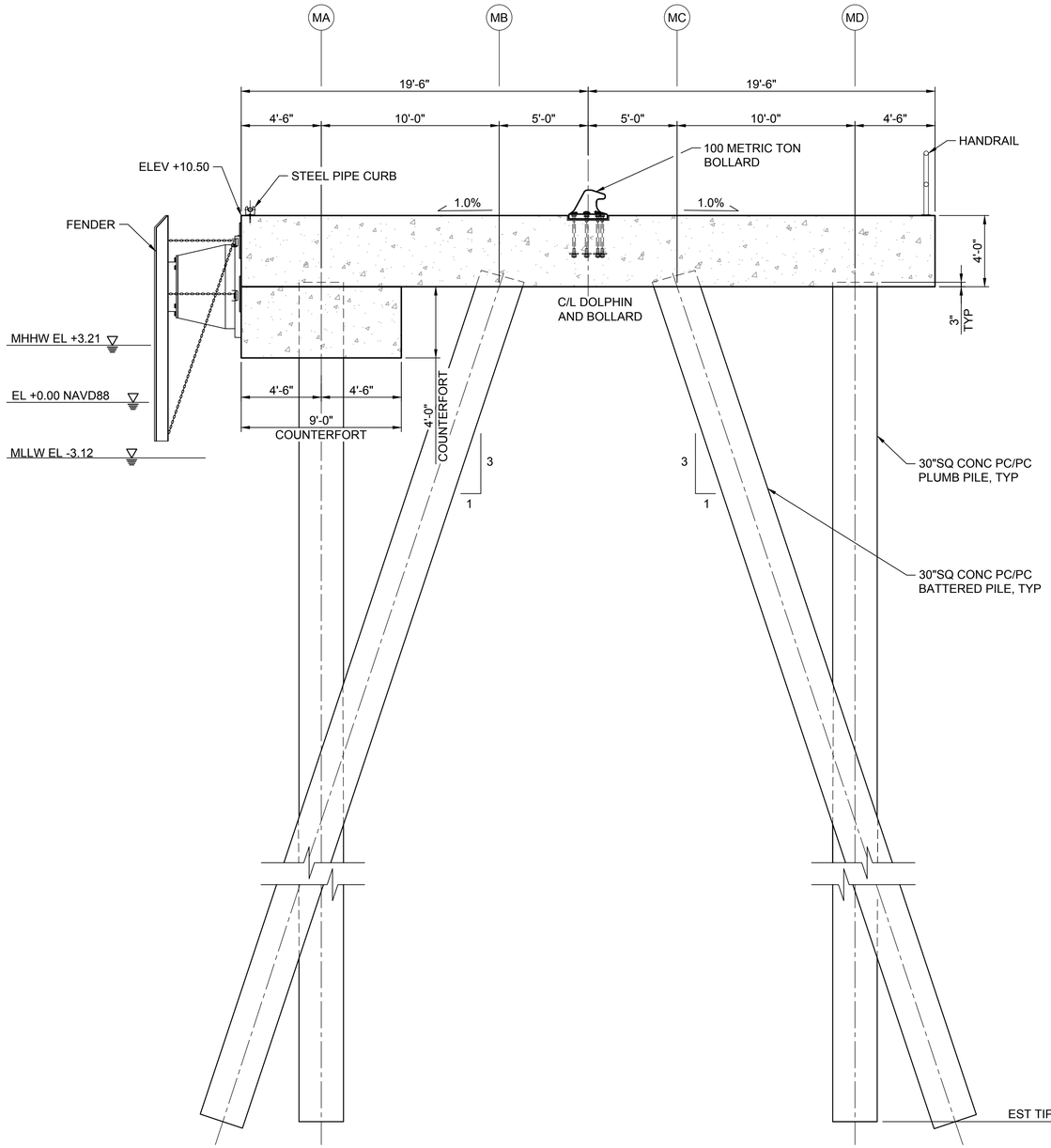
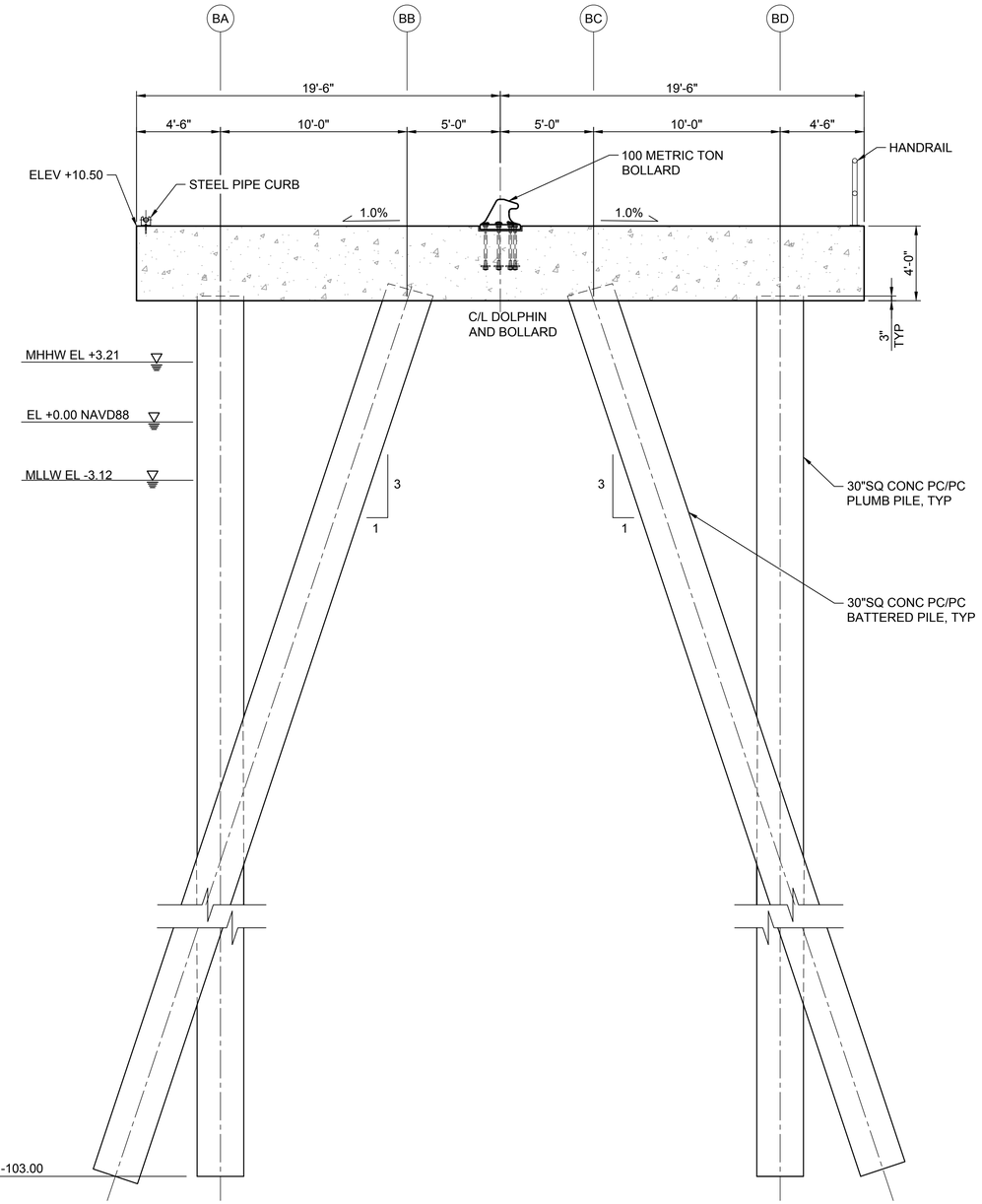


B1 / S-108 SECTION - TYPICAL BREASTING DOLPHIN
SCALE: 1/4"=1'-0"
S-109



B4 / S-108 SECTION - TYPICAL MOORING DOLPHIN
SCALE: 1/4"=1'-0"
S-109

PRELIMINARY DESIGN
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Mark	Description	Date	Appr.

HOPE CREEK MARINE TERMINAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - TYPICAL DOLPHINS

Designed by: IS
Date: JUNE 2020
Rev. -
Dwn by: RG
Ckd by: PGV
M&N Project No. 10791
Reviewed by: MR
Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

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THOMAS J. SHAFFER JR.
No. 39102
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SEAL 06/30/2020

Sheet Reference No.
S-304
INDEX: 50 OF 53

File: Q:\BOS\Projects\10791 Hope Creek Prelim Eng - PSEG\500 CADD_ACTIVE_Sheet\Set\1079105-304 - Plotted: 6/29/2020 4:41 PM by VOELKER, PAUL - Saved: 4/20/2020 12:56 AM by HRIDOUANE

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING