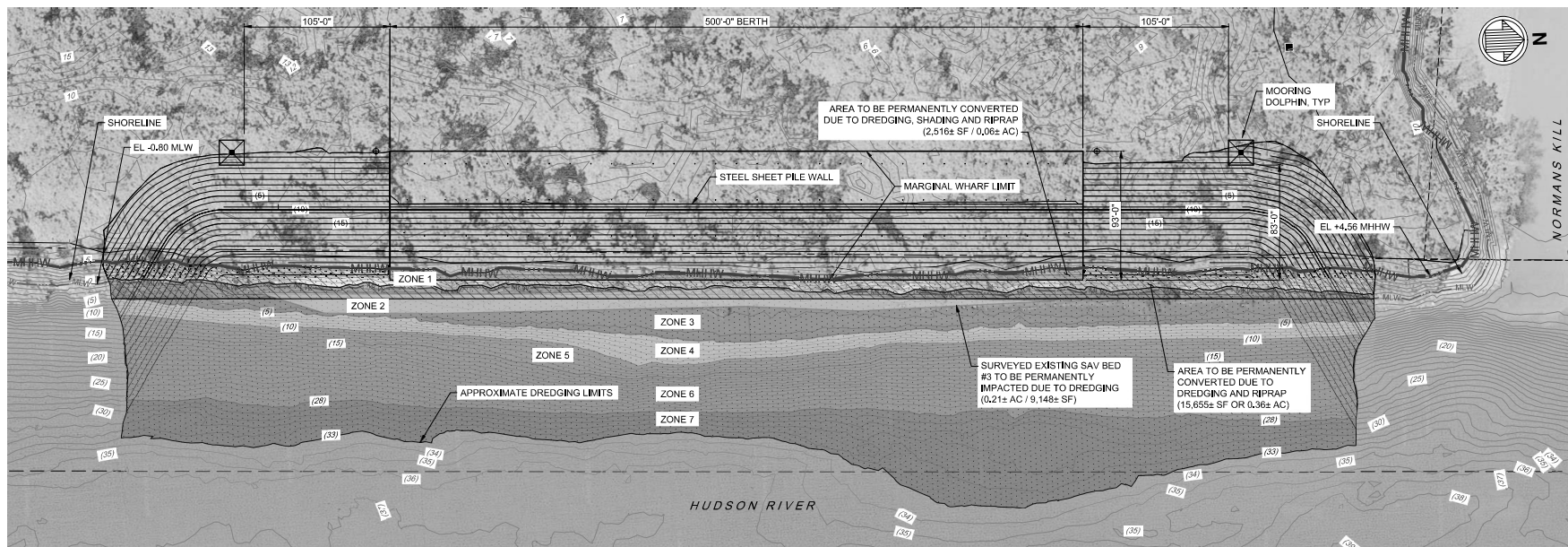


Figure 4-2A - General Wharf Layout - Impact Analysis



A1 PLAN - GENERAL ARRANGEMENT
SCALE: 1" = 40'

ZONES	EXISTING ELEVATIONS (FEET)	HABITAT OF CONCERN	ZONES (ACRES)	MAIN IMPACTS / HABITAT CONVERSION (ACRES)			PERMANENT STURGEON IMPACTS (ACRES)
				DREDGING	SHADING	RIPRAP	
1 SEE LEGEND	MHHW TO 0	INTERTIDAL ZONE AND SHORE STRUCTURES	0.25	0.25	0.06	0.25	0.00
2	-2 to -5	SAV BED #3 (SPARSE LOW DENSITY)	0.21	0.21	0.00	0.05	0.21
3	0 to -5	NATURAL RIVER BOTTOM (SILT CLAY, SAND AND SOME TRACE OF GRAVEL)	0.34	0.34	0.00	0.12	0.31
4	-5 TO -10	NATURAL RIVER BOTTOM (SILT CLAY, SAND AND SOME TRACE OF GRAVEL)	0.24	0.24	0.00	0.00	0.24
5	-10 TO -15	NATURAL RIVER BOTTOM (SILT CLAY, SAND AND SOME TRACE OF GRAVEL)	0.24	0.24	0.00	0.00	0.00
6	-15 TO -28	NATURAL RIVER BOTTOM (SILT CLAY, SAND AND SOME TRACE OF GRAVEL)	0.79	0.79	0.00	0.00	0.00
7	-28 TO -33	NATURAL RIVER BOTTOM (SILT CLAY, SAND AND SOME TRACE OF GRAVEL)	0.65	0.65	0.00	0.00	0.00
TOTAL (ACRES):			2.72	2.72	0.06	0.42	0.76

- LEGEND:**
- (22) EXISTING CONTOURS
 - (33) PROPOSED CONTOURS
 - MHHW EXISTING MEAN HIGHER HIGH WATER
 - PROPOSED DREDGING
 - DREDGING, SHADING AND RIPRAP IMPACTS
 - DREDGING AND RIPRAP IMPACTS



NOTES:

1. ZONE 1 INCLUDES SHADED AND RIPRAP AREAS.
2. ZONES 2-7 INCLUDES 2' ALLOWABLE OVERDREDGE.
3. ELEVATION DATUM: NAVD83.

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DISTRICT COMMISSION
100 WEST AVE.
ALBANY, NY 12202

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S-101
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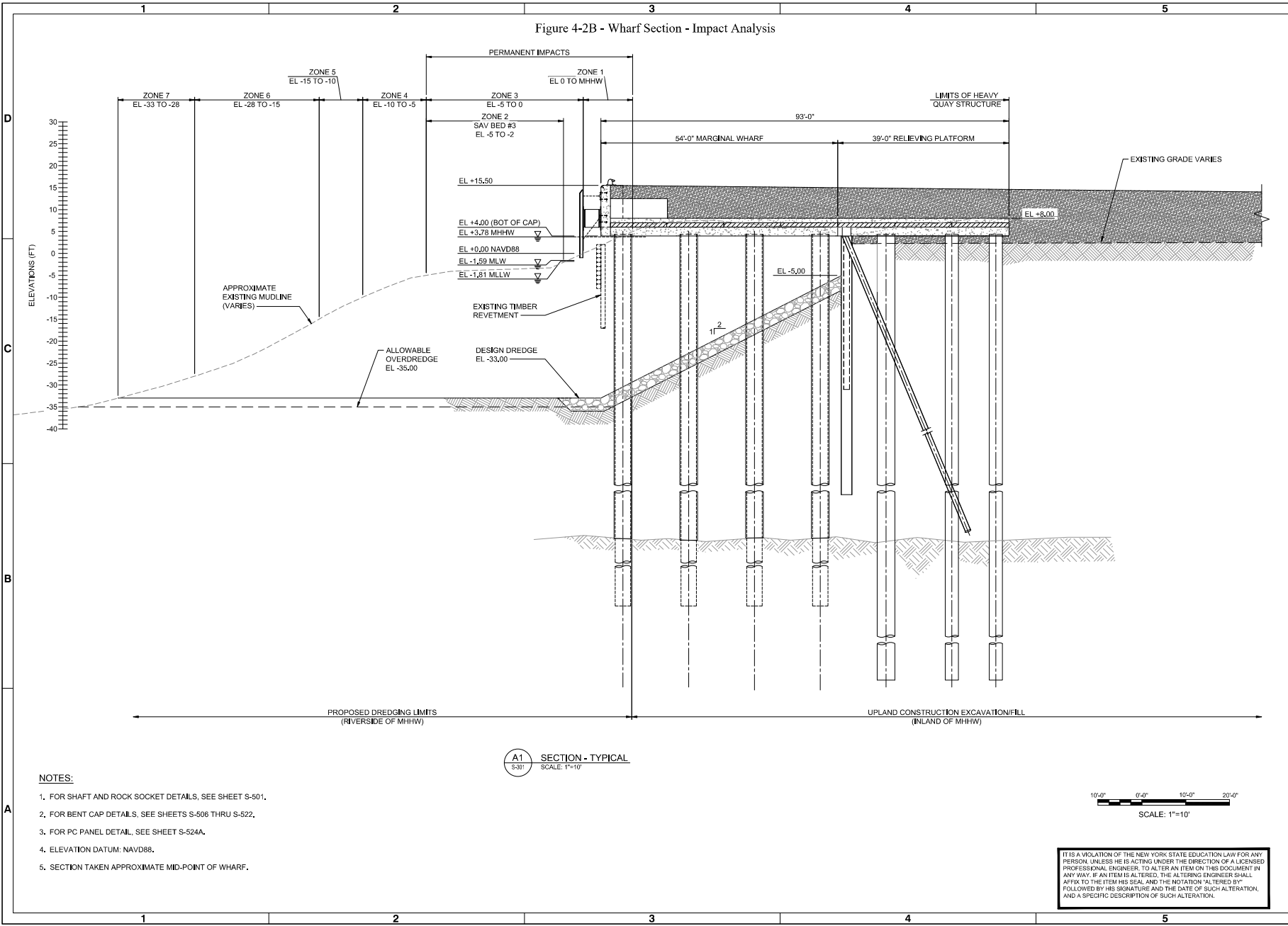
DATE: JAN 2022
M&E PROJECT NO.: 10246-01
DRAWING CODE:
DRAWING SCALE:
SHEET NO.: 11 (OF 34)

DESIGNED BY: JCS
DRAWN BY: JCS
CHECKED BY: JCS
SUBMITTED BY: JCS
DATE: 1/20/22
M&E ENGINEERING, P.C.

PORT OF ALBANY EXPANSION HEAVY LIFT QUAY/WHARF
PLAN - GENERAL ARRANGEMENT

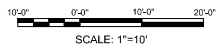
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DATE: 3/7/2022 3:55 PM BY: MOLLY E.

Figure 4-2B - Wharf Section - Impact Analysis



A1 SECTION - TYPICAL
SCALE: 1"=10'

- NOTES:
1. FOR SHAFT AND ROCK SOCKET DETAILS, SEE SHEET S-501.
 2. FOR BENT CAP DETAILS, SEE SHEETS S-506 THRU S-522.
 3. FOR PC PANEL DETAIL, SEE SHEET S-524A.
 4. ELEVATION DATUM: NAVD88.
 5. SECTION TAKEN APPROXIMATE MID-POINT OF WHARF.



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Rev.	Change	Date

PORT OF ALBANY EXPANSION
HEAVY LIFT QUAY/WHARF
SECTION - TYPICAL

Designed by: Date: JUN 2022	Drawn by: Date: JUN 2022	Checked by: Date: JUN 2022	Reviewed by: Date: JUN 2022
Drawn by: Date: JUN 2022	Checked by: Date: JUN 2022	Reviewed by: Date: JUN 2022	
Submitted by: Date: JUN 2022			

SEAL

Sheet Reference No.
S-301
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