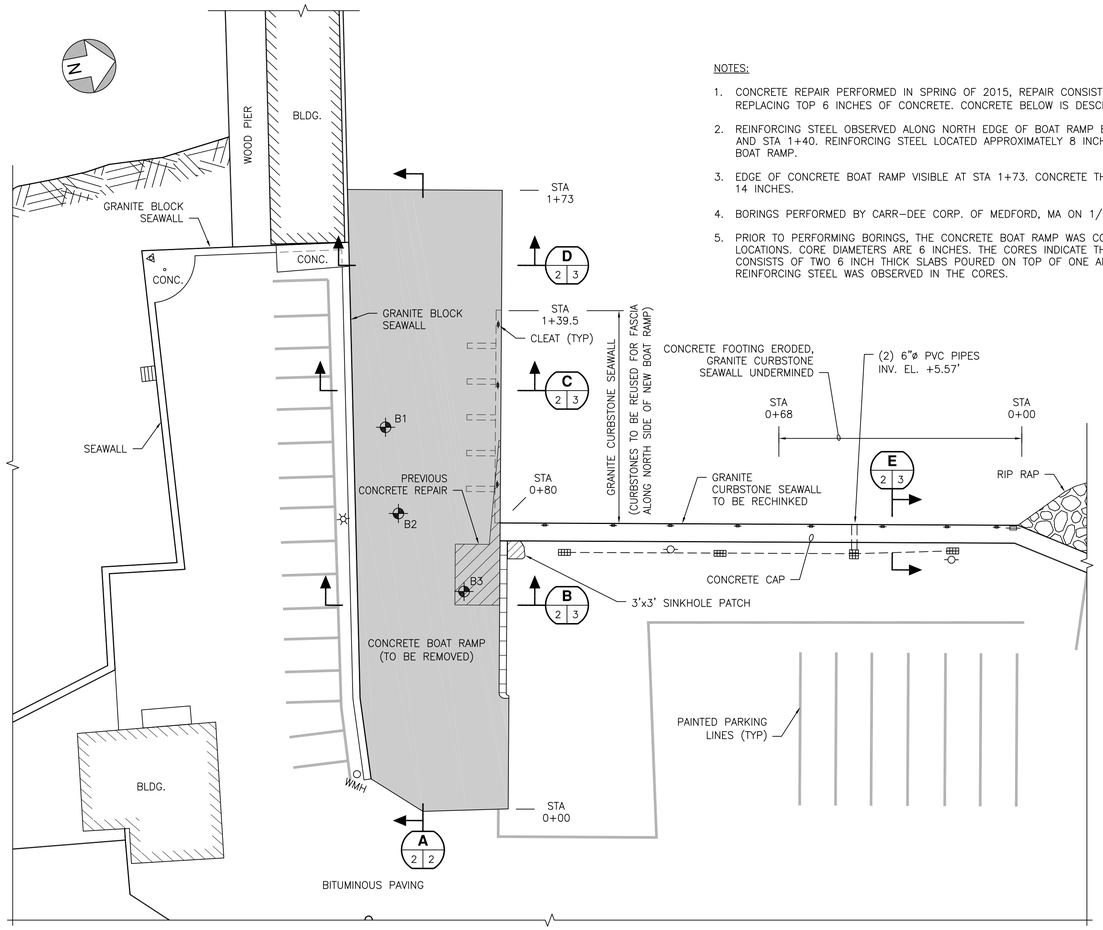


PLAN

SCALE: 1"=20'-0"

1"=20'-0" 20 0 20 40 SCALE IN FEET

NOTES:

1. CONCRETE REPAIR PERFORMED IN SPRING OF 2015, REPAIR CONSISTED OF REMOVING AND REPLACING TOP 6 INCHES OF CONCRETE. CONCRETE BELOW IS DESCRIBED AS "POOR".
2. REINFORCING STEEL OBSERVED ALONG NORTH EDGE OF BOAT RAMP BETWEEN STA 0+80 AND STA 1+40. REINFORCING STEEL LOCATED APPROXIMATELY 8 INCHES BELOW TOP OF BOAT RAMP.
3. EDGE OF CONCRETE BOAT RAMP VISIBLE AT STA 1+73. CONCRETE THICKNESS IS AT LEAST 14 INCHES.
4. BORINGS PERFORMED BY CARR-DEE CORP. OF MEDFORD, MA ON 1/26/2016.
5. PRIOR TO PERFORMING BORINGS, THE CONCRETE BOAT RAMP WAS CORED IN SIX LOCATIONS. CORE DIAMETERS ARE 6 INCHES. THE CORES INDICATE THAT THE BOAT RAMP CONSISTS OF TWO 6 INCH THICK SLABS POURED ON TOP OF ONE ANOTHER. NO MESH OR REINFORCING STEEL WAS OBSERVED IN THE CORES.

CARR-DEE CORP.

37 LINDEN STREET MEDFORD, MA 02155-0001 Telephone (781) 391-4500
To: DPH, TOWN OF NAHANT, FLASH ROAD, NAHANT, MA Date: 1-26-2016 Job No.: 2016-17
Location: PUBLIC BOAT RAMP, WHARF STREET, NAHANT, MA Scale: 1 in.= 3 ft.

BORING 1 (B1)

GROUND SURFACE

Depth	Description	Sample
	CONCRETE (BOAT RAMP)	
1'6"	SAND, GRAVEL, BRICK, COBBLES (FILL)	S#1, 1'6" to 3'6" (17-5-9-16) RECOVERED 8 in.
		S#2, 4' to 6' (19-13-13-15) RECOVERED 12 in.
6'	COMPACT SILTY SAND & SANDY SILT	S#3, 6' to 7'1" (15-13-100/1") RECOVERED 4 in.
7'1"	- R E F U S A L -	

(NO PENETRATION WITH AUGERS)
WATER LEVEL: TIDAL
SIZE OF AUGERS: 2-1/4" I.D., LENGTH: 7'1"
DRILLER: S. DESIMONE, JR.
DATE STARTED & COMPLETED: 1-25-2016

BORING 2 (B2)

GROUND SURFACE

Depth	Description	Sample
	CONCRETE (BOAT RAMP)	
1'	SAND, GRAVEL, BRICK, COBBLES (FILL)	S#1, 1' to 2' (11-17-100/0") RECOVERED 4 in.
4'6"	- R E F U S A L -	

(NO PENETRATION WITH AUGERS)
WATER LEVEL: TIDAL
SIZE OF AUGERS: 2-1/4" I.D., LENGTH: 4'6"
DRILLER: S. DESIMONE, JR.
DATE STARTED & COMPLETED: 1-25-2016

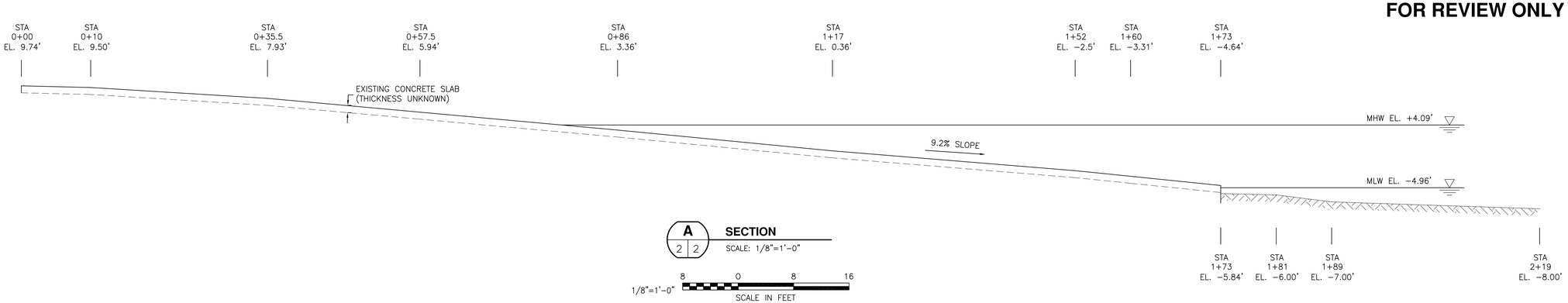
BORING 3 (B3)

GROUND SURFACE

Depth	Description	Sample
	CONCRETE (BOAT RAMP)	
1'	SAND, GRAVEL, COBBLES, BRICK, BOULDER (FILL) NOTE: ROLLER BIT THROUGH BOULDER 4'6"-5'8"	S#1, 1'6" to 2'2" (21-100/2") RECOVERED 4 in.
		S#2, 6' to 8' (7-8-10-8) RECOVERED 7 in.
9'	VERY DENSE SILTY SAND	S#3, 10' to 11'11" (18-23-37-100/5") RECOVERED 12 in.
15'6"	- R E F U S A L -	S#4, 15' to 15'4" (100/4") RECOVERED 3 in.

(NO PENETRATION WITH ROLLER BIT)
WATER LEVEL: TIDAL
SIZE OF CASING: HW, HW, LENGTH: 4'6", 10'0"
DRILLER: S. DESIMONE, JR.
DATE STARTED & COMPLETED: 1-25-2016

PRELIMINARY FOR REVIEW ONLY



A 2 2 SECTION

SCALE: 1/8"=1'-0"

1/8"=1'-0" 8 0 8 16 SCALE IN FEET

CHILDS ENGINEERING CORPORATION
34 WILLIAM WAY, BELLINGHAM, MA 02019 U.S.A.
Phone: (508) 966-9092 Fax: (508) 966-9096
E-mail: mail@childseng.com

Mark	Description	Date	Appr.

Designed by: FAR	Date: 01/28/16		
Dwn. by: TEQ	Ckd. by: FAR	Design file no. 259115 X-102	Scale: AS NOTED
	Reviewed by: DLP		

NAHANT BOAT RAMP
TOWN OF NAHANT
NAHANT, MA

EXISTING CONDITION PLAN AND SECTION

Sheet reference number:
X-102
Sheet 2 of 6

TOM QUINN K:\2591-15.00 NAHANT BOATRAMP\CADD\CURRENT WORKING DWGS\259115 X-102 CONDITION PLAN.DWG Jan 29, 2016 - 10:23am