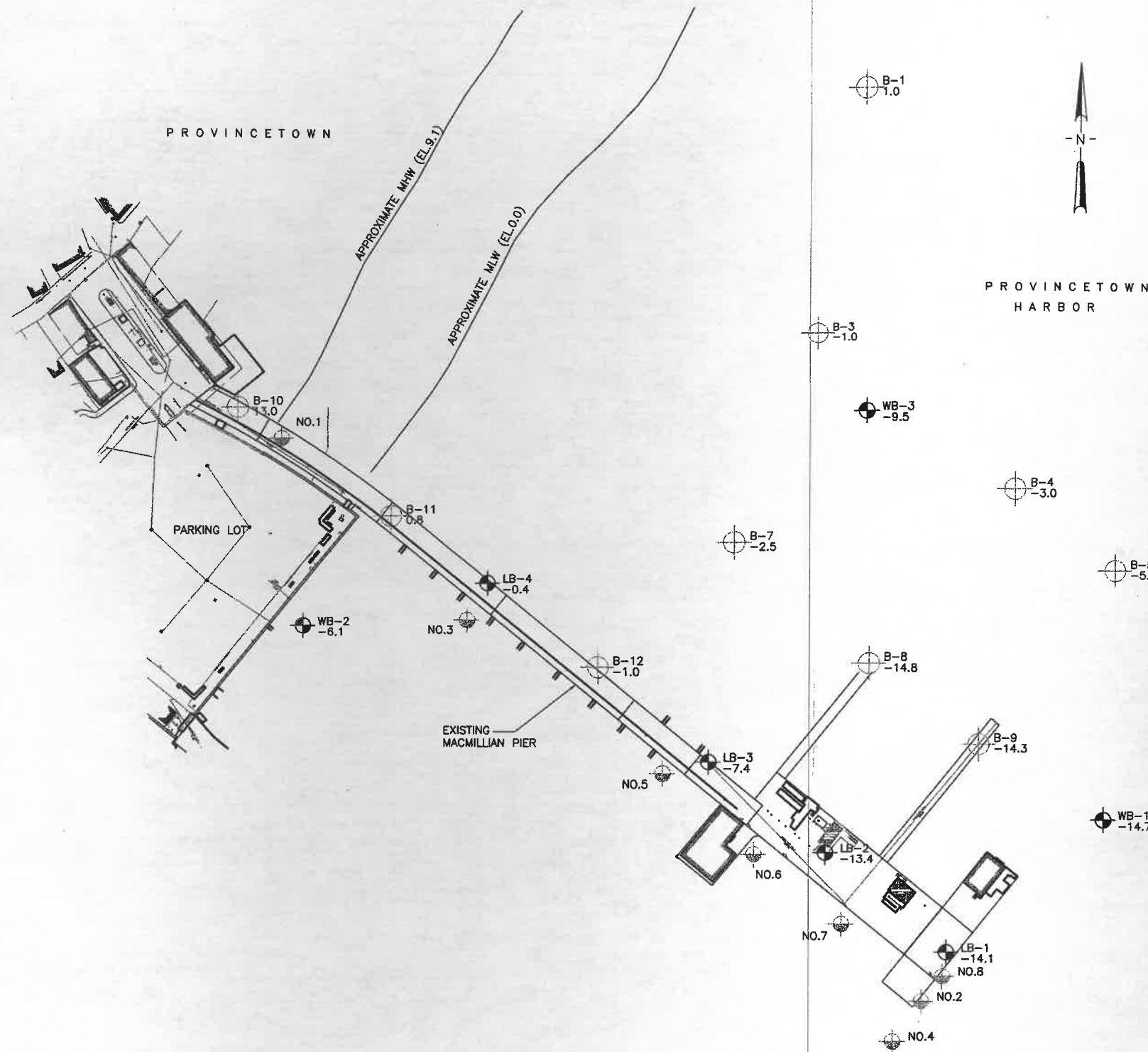


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LEGEND:

⊕ LB-1, WB-1
-14.1

DESIGNATION, GROUND SURFACE/MUDLINE ELEVATION AND LOCATION OF TEST BORING DRILLED BY NEW HAMPSHIRE BORING, INC., BETWEEN 27 AND 31 JULY 1998. THE PREFIX "LB" INDICATES THAT THE BORING WAS DRILLED USING A TRUCK RIG FROM THE PIER DECK. THE PREFIX "WB" INDICATES THAT THE BORING WAS DRILLED OVER-WATER USING A PONTOON RIG

⊕ B-4
-3.0

DESIGNATION, GROUND SURFACE/MUDLINE ELEVATION AND LOCATION OF TEST BORING DRILLED BY GOLDBERG-ZOINO & ASSOCIATES, INC., OF NEWTON UPPER FALLS, MASSACHUSETTS, BETWEEN OCTOBER AND NOVEMBER 1984

⊕ NO.8

DESIGNATION AND LOCATION OF HISTORIC TEST BORING DRILLED CIRCA 1955

NOTES:

1. BASE PLAN TAKEN FROM UNTITLED PLAN PROVIDED BY FAY SPOFFORD & THORNDIKE, INC., RECEIVED BY HALEY & ALDRICH, INC., ON 12 AUGUST 1998, AUTOCAD FILENAME SURVALL.DWG.
2. ELEVATIONS ARE IN FEET AND ARE REFERENCED TO MEAN LOW WATER DATUM (MLW).
3. COORDINATE LOCATIONS ARE IN FEET AND ARE REFERENCED TO THE MASSACHUSETTS MAINLAND STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1927 (NAD 27).
4. TEST BORINGS LB-1 THROUGH LB-4 WERE DRILLED FROM THE DECK OF THE EXISTING PIER.
5. TEST BORINGS WB-1 THROUGH WB-3 WERE LOCATED BY HALEY & ALDRICH, INC. USING A PORTABLE GLOBAL POSITIONING SYSTEM UNIT.



REV.	DATE	DESCRIPTION	BY	CHK.	APP'D.
	OCT. 03	AS-BUILT			



TOWN OF PROVINCETOWN
PROVINCETOWN, MASSACHUSETTS

MACMILLAN PIER
RECONSTRUCTION

BORING LOCATION PLAN

FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS

FS&T DRAWING NUMBER TP-090	SCALE: AS NOTED DATE: DECEMBER 1999	DES. RWT CHK. DPA	APPROVED
		DR. RWT PROJ. ENGR. DPA	

Boring #LB-1 Project:MACMILLAN WHARF Project #: 12319-000
 Project Address: El. -14.1 MLW City:PROVINCETOWN State:MA Zip:
 Date Start:07/27/98 Date End:07/28/98 Location:See Plan

DATE	DEPTH	CASING	STABILIZATION PER.		
07/27/98	TIDAL	OUT	Upon Completion		
DP.	CB/F	DEPTH /#	PEN REC BLOWS/6" ST/CH	SAMPLE DESCRIPTION	
-	2	0'-2'	24" 12"	9-10	NOTE: 0.6' CONCRETE SLAB AT DECK 29.7' FROM DECK ON MUDLINE S-1: Very stiff, black, ORGANIC SILT, little coarse to fine sand. NOTE: Blows elevated due to sample being taken inside of casing after casing sank in soft surficial deposits. -ORGANIC DEPOSITS-
-	3	0'-2'	24" 12"	21-17	
-	10	4'-6'	24" 4"	3-7	
-	24	4'-6'	24" 4"	3-7	
-	9	5'-2'		9-11	
-	10				
-	15				
-	21	9'-11'	N/R		
-	28				
-	39	11'-13'	N/R		
-	24				NOTE: After driving casing to 9' and washing out hole, approx. 6' of sand observed to have been up inside of casing. Re-washed hole, observed to have blown in 3' inside casing. Redrove casing to 11' and attempted sample again. Approx 2' of blow in then noted. Retained jar sample of wash for observation Gray gravelly coarse to medium SAND. S-3: Very dense, gray coarse to medium SAND, trace fine gravel, fine sand. NOTE: Approx 1' of blow in noted prior to obtaining S-3 S-4: Very dense, brown medium SAND trace coarse sand, coarse to fine gravel, fine sand. S-5: Very dense, brown medium SAND, little coarse sand, trace
-	35	13'-13.5'	6" 5"	120	
-	15				
-	21	9'-11'	N/R		
-	28				
-	39	11'-13'	N/R		
-	24				
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