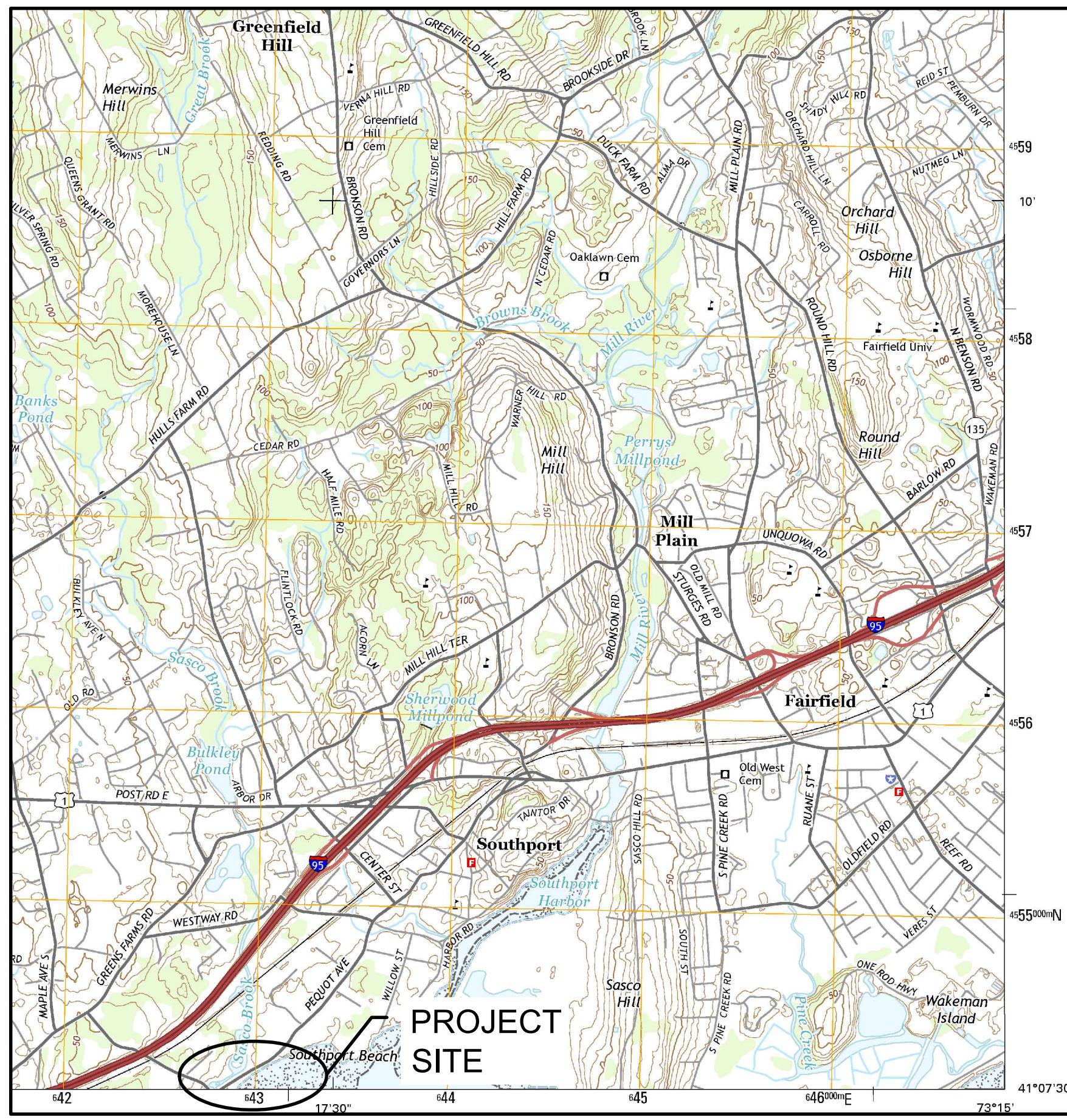


SOUTHPORT BEACH ENGINEERED BEACH DESIGN PEQUOT AVE FAIRFIELD, CT

3/22/2017



VICINITY MAP

LIST OF DRAWINGS

DRAWING NO. DRAWING NAME

- 1 TITLE SHEET, DRAWING LIST & VICINITY MAP
- 2 PROJECT NOTES
- 3 SITE PLAN
- 4 GRADING PLAN
- 5 SECTIONS

611 Access Road Stratford, CT 06615
Tel: 203-377-0663 www.racecoastal.com

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ISSUED FOR CONSTRUCTION

PREPARED FOR

CONSERVATION DEPT
TOWN OF FAIRFIELD
725 OLD POST RD
FAIRFIELD, CT 06824

PROJECT

**SOUTHPORT BEACH
ENGINEERED BEACH DESIGN
PEQUOT AVE
FAIRFIELD, CT**

DRAWING

TITLE SHEET, DRAWING LIST & VICINITY MAP

This high-angle aerial photograph captures a coastal landscape. A two-lane road with a yellow center line runs along the shoreline, featuring a small parking area and a paved section. To the left of the road, a winding, shallow waterway or inlet cuts through a mix of green fields and residential properties. On the right, a dense cluster of houses with lawns borders the dark, textured water. The image is taken from a top-down perspective, highlighting the geometric patterns of the land and water.

AERIAL PHOTO

Designed By:	JAP	Date:	3/22/2017
Drawn By:	JAP	Scale:	As Noted
Checked By:	ADS	Project Number:	201644
CAD File:		Drawing No.:	

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725 OLD POST RD
FAIRFIELD, CT 06824

OBJECT:

SOUTHPORT BEACH GINEERED BEACH DESIGN PEQUOT AVE FAIRFIELD, CT

DRAWING:

SITE PLAN

igned By: JAP	Date: 3/22/2017
own By: JAP	Scale: As Noted
checked By: ADS	Project Number: 201644
D File: UTHPORT.DWG	Drawing No.:

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SITE PLAN

SCALE: 1" = 40'-0"

Detailed description of the Site Plan:

- Monuments and Patches:**
 - MONUMENT WITH BRASS DISK & PUNCH #10: N=606781.23, E=848963.25, ELEV = +10.12'
 - MONUMENT WITH BRASS DISK & PUNCH #11: N=606971.04, E=849287.10, ELEV = +8.81'
 - MONUMENT WITH BRASS DISK & PUNCH #12: N=607244.51, E=849124.68, ELEV = +10.97'
- Utilities and Structures:**
 - UTILITY POLE (TYP)
 - TREE (TYP)
 - CURB
 - WATER VALVE (TYP)
 - GUY ANCHOR (TYP)
 - EXISTING DRAINAGE PIPE (TYP)
 - MONUMENT WITH BRASS DISK & PUNCH #10
 - WATER METER
 - BUILDING (TYP)
 - MONUMENT WITH BRASS DISK & PUNCH #11
 - MONUMENT WITH BRASS DISK & PUNCH #12
 - PEQUOT AVE
 - PARKING AREA
 - ROCK WALL (TYP)
 - OVER HEAD WIRE (TYP)
 - GRILL (TYP)
 - CONC. WALK
 - CONC. WALL
 - BUILDING
 - 3.5' HIGH STOCKADE FENCE
 - STONE GROIN
- Geography and Elevation:**
 - CATCH BASIN FLATTOP: TOP OF GRATE = EL. +7.62', INV IN 12" C.P.P. = EL. +5.4', INV OUT 12" C.P.P. = EL. +5.8', SUMP = EL. +3.8'
 - CATCH BASIN FLATTOP: TOP OF GRATE = EL. +7.54', INV IN 18" C.P.P. = EL. +5.8', SUMP = EL. +4.0'
 - BENCH MARK MAG: NAIL FOUND IN UTILITY POLE SNET #1458 ELEV. = +11.68'
 - CATCH BASIN FLATTOP: TOP OF GRATE = EL. +7.62' INV IN 18" R.C.P. = 4.0' INV OUT 18" R.C.P. = EL. +4.0' SUMP = EL. +3.7'
 - INVERT OF 18" CORRUGATED METAL PIPE (C.M.P.) EL. +4.0'
 - HTL EL. +4.7'
 - MHW EL. +3.2'
 - CJL EL. +5.2'
 - MLW EL. -3.6'
 - MLW EL. -3.6'
 - LOCATION OF GRAB SAMPLE (TYP)
 - EBB
 - FLOOD
- Vegetation and Land Use:**
 - LIMIT OF VEGETATION

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PREPARED BY

CONSERVATION DEPT
TOWN OF FAIRFIELD
725 OLD POST RD
FAIRFIELD, CT 06824

PROJECT:
**SOUTHPORT BEACH
ENGINEERED BEACH DESIGN
PEQUOT AVE
FAIRFIELD, CT**

DRAWING:

GRADING PLAN

OTES:

BLEND PROPOSED CONTOURS INTO EXISTING CONTOURS BEFORE STA. 1+07 AND AFTER STA. 6+68.

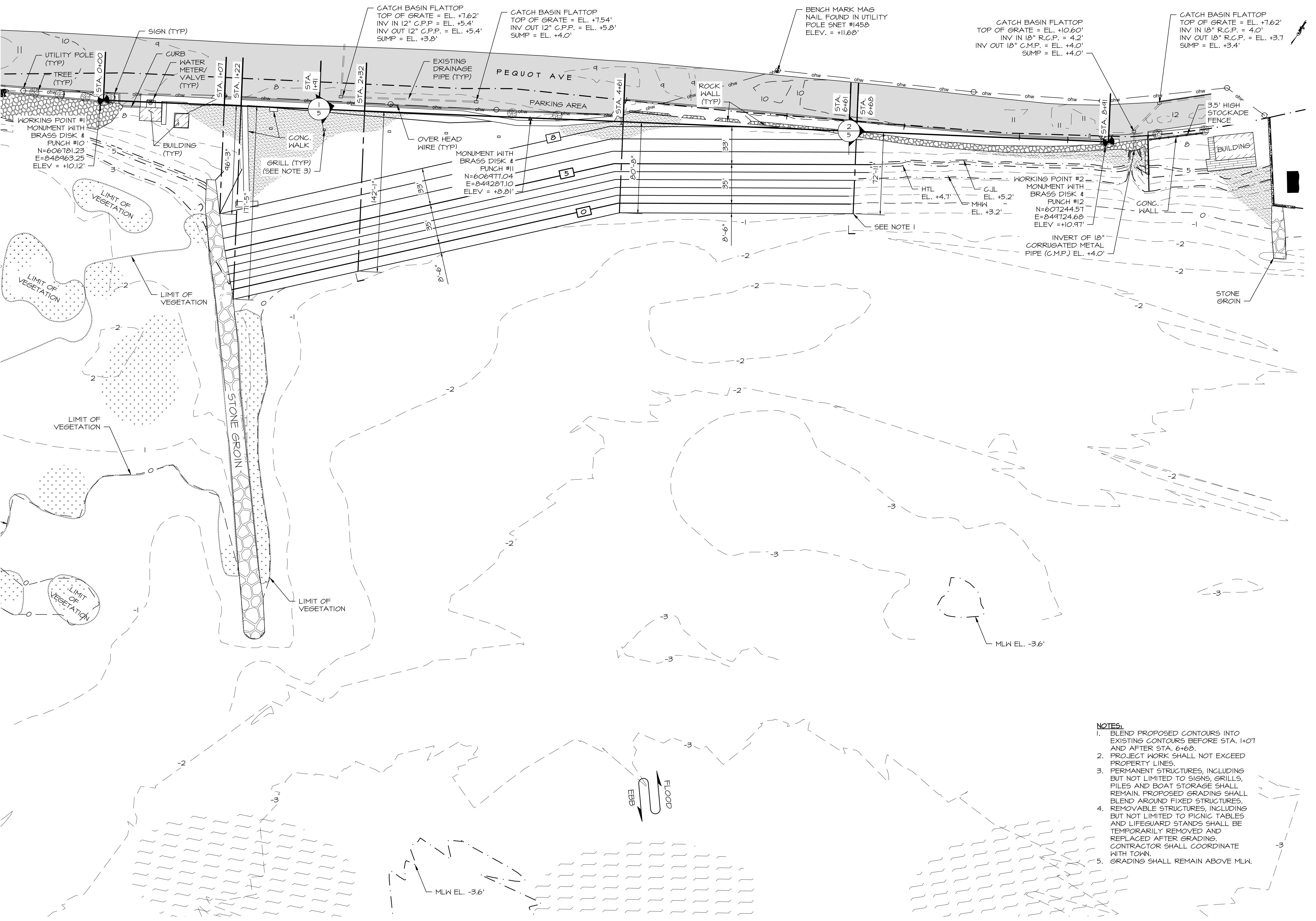
PROJECT WORK SHALL NOT EXCEED PROPERTY LINES.

PERMANENT STRUCTURES, INCLUDING BUT NOT LIMITED TO SIGNS, GRILLS, PILES AND BOAT STORAGE SHALL REMAIN. PROPOSED GRADING SHALL BLEND AROUND FIXED STRUCTURES.

REMOVABLE STRUCTURES, INCLUDING BUT NOT LIMITED TO PICNIC TABLES AND LIFEGUARD STANDS SHALL BE TEMPORARILY REMOVED AND REPLACED AFTER GRADING.

CONTRACTOR SHALL COORDINATE WITH TOWN.

GRADING SHALL REMAIN ABOVE MLW.



GRADING PLAN

SCALE: 1" = 80'-0"

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SECTION

VERTICAL SCALE 1"=4'- HORIZONTAL SCALE 1"=20' 5

DISTANCE TO BASELINE VARIES SEE PLAN

BASELINE

EL. +8'

EL. +5'

CUL EL. +5.2'

MHW EL. +3.4'

EL. 0'

EL. -1'

8.5

This cross-section diagram illustrates a coastal embankment. A vertical line on the left is labeled 'BASELINE'. The embankment itself is shown with a hatched top layer and a stippled base. Several horizontal lines represent different elevations: 'EL. +8'' at the top, followed by 'EL. +5'' and 'CUL EL. +5.2'' (culvert elevation), then 'MHW EL. +3.4'' (mean high water elevation), 'EL. 0'' (sea level), and 'EL. -1'' at the bottom. A vertical dimension line on the right indicates a height of '8.5' from the 'EL. 0' line to the top of the embankment. A note at the top states 'DISTANCE TO BASELINE VARIES SEE PLAN'.

SECTION

VERTICAL SCALE 1"=4'- HORIZONTAL SCALE 1"=20' 5

DISTANCE TO BASELINE VARIES SEE PLAN

EXISTING ROCK WALL TO REMAIN

EL. +8'

EL. +5'

CJL EL. +5.2'

MHW EL. +3.4'

EL. 0'

EL. -1'

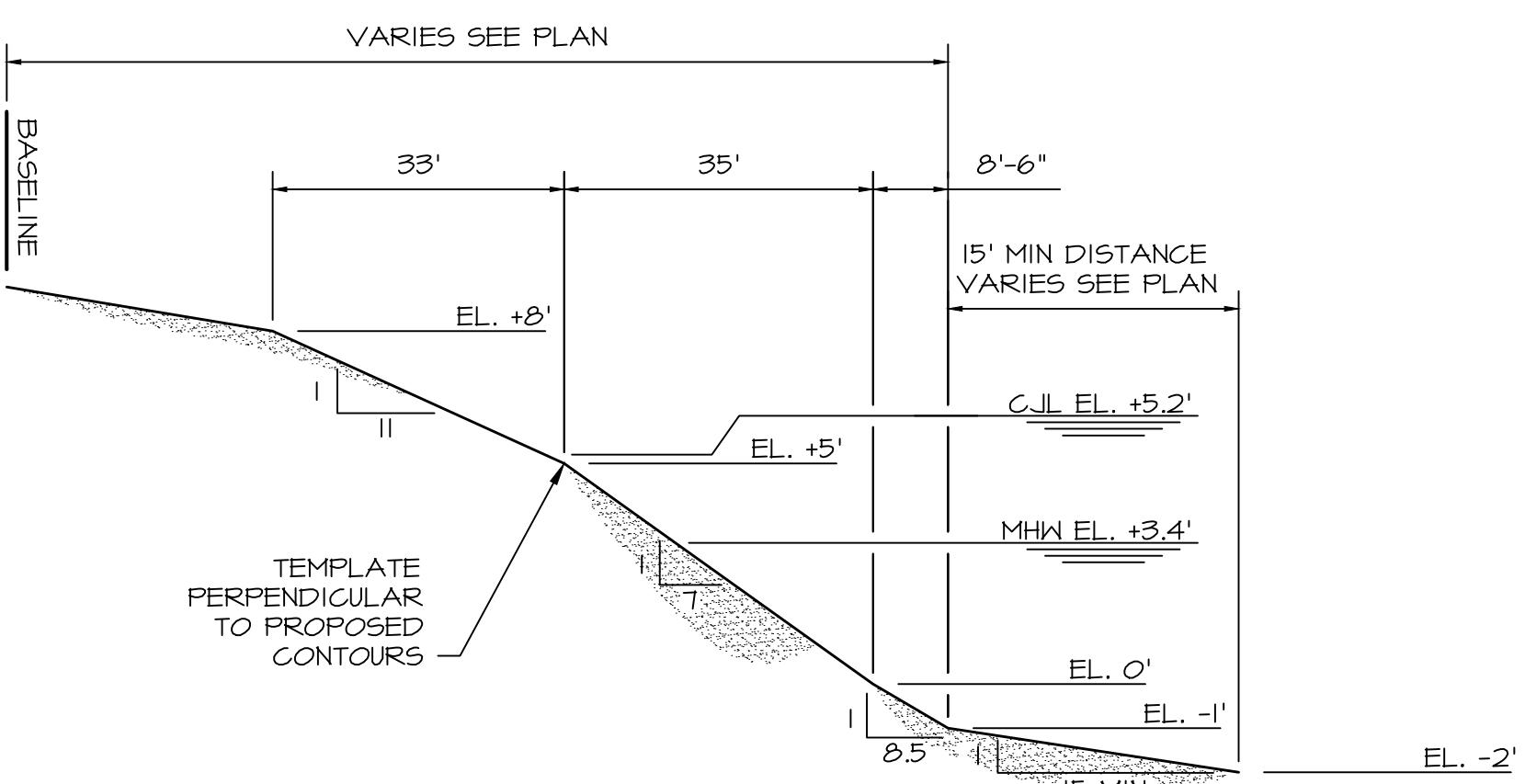
EL. -8.5

BASELINE

8.5

PROPOSED TEMPLATE

VERTICAL SCALE 1" = 4'- HORIZONTAL SCALE 1" = 20'



NOTE.

NOTE:

1. PROFILE WEST OF JETTY TO BE MAINTAINED.
2. PROFILE EAST OF JETTY (STA. 1+07 TO STA. 6+68) TO BE GRADED TO MEET TEMPLATE. EXCESS MATERIAL TO BE STOCKPILED ON SITE. TEMPLATE PRODUCES 400 C.Y. ±.
3. PERMANENT STRUCTURES, INCLUDING BUT NOT LIMITED TO SIGNS, GRILLS, PILES AND BOAT STORAGE SHALL REMAIN. PROPOSED GRADING SHALL BLEND AROUND FIXED STRUCTURES.
4. REMOVABLE STRUCTURES, INCLUDING BUT NOT LIMITED TO PICNIC TABLES AND LIFEGUARD STANDS SHALL BE TEMPORARILY REMOVED AND REPLACED AFTER GRADING. CONTRACTOR SHALL COORDINATE WITH TOWN.

Designed By _____ Date _____

Designed By: JAP Date: 3/22/2017

Drawn By: Scale:

	JAP	As Noted
Checklist B	Reviewed	

Checked By: **ADS** Project Number: **201644**

CAD File: Drawing No.:

SOUTHPORT.DWG

3 of 05

5 of 05