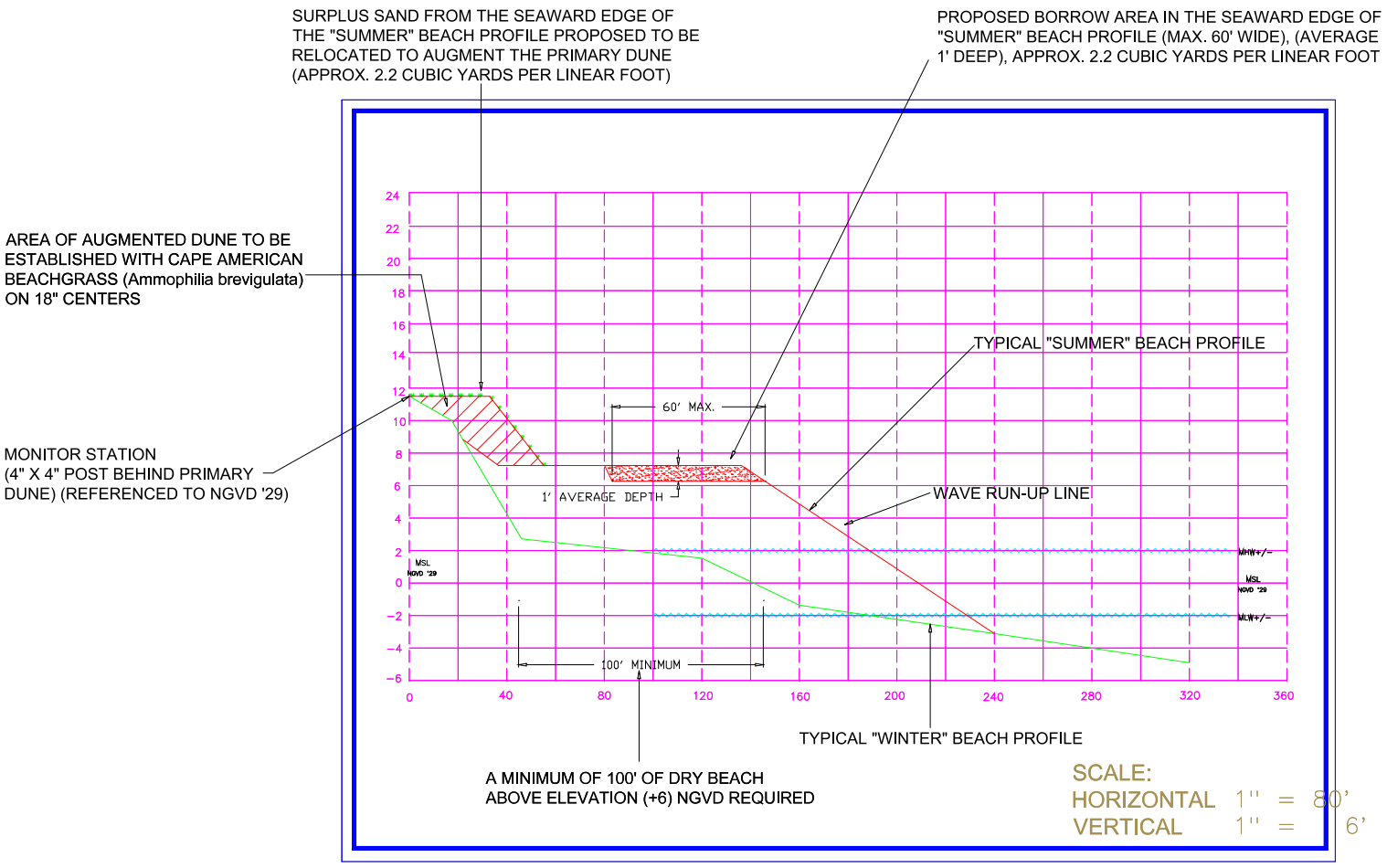
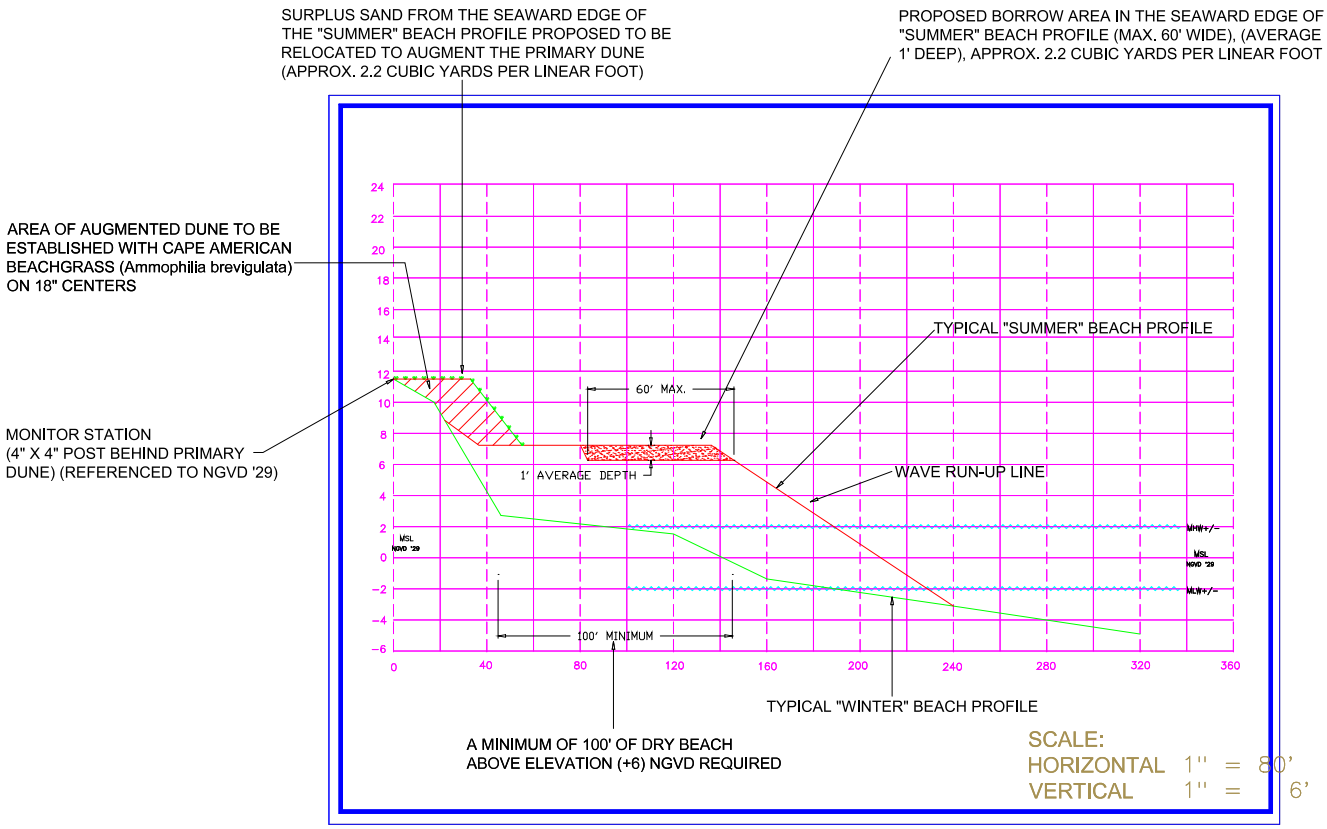
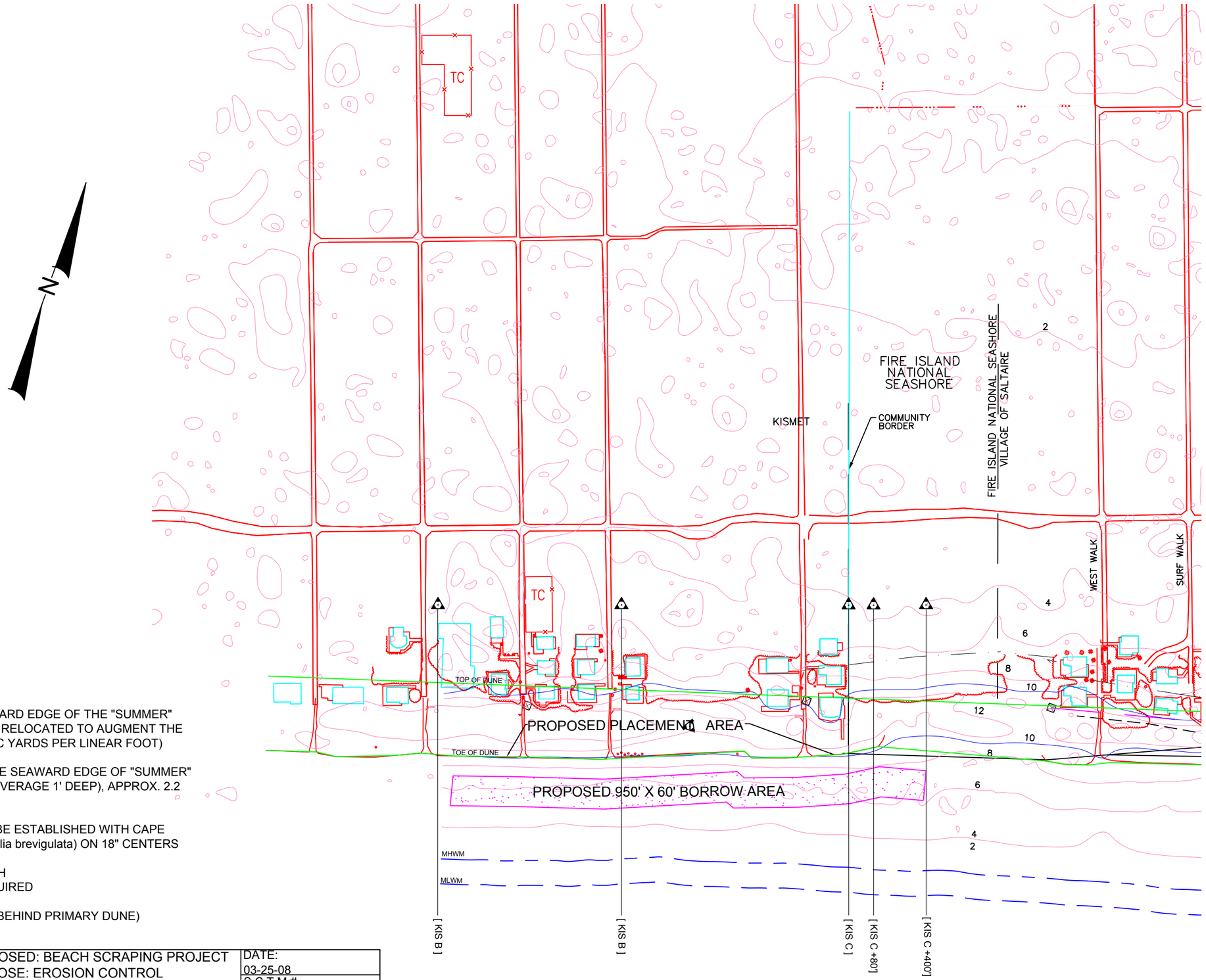

SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)
PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT
AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS
MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)
TYPICAL "SUMMER" BEACH PROFILE
60' MAX.
1' AVERAGE DEPTH
WAVE RUN-UP LINE
MSL NGVD '29
MHW+/-
MSL NGVD '29
MLW+/-
100' MINIMUM
TYPICAL "WINTER" BEACH PROFILE
A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED
SCALE:
HORIZONTAL 1" = 80'
VERTICAL 1" = 6'
24
22
20
18
16
14
12
10
8
6
4
2
0
-2
-4
-6
0
40
80
120
160
200
240
280
320
360

TYPICAL SECTION VIEW:



SECTION VIEW: SCALE: AS NOTED	PROPOSED: BEACH SCRAPING PROJECT AT FIRE ISLAND COMMUNITIES	DATE: 03-25-08
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y. 11901 PH (631) 727-3600 FAX (631) 727-3608	PURPOSE: EROSION CONTROL	S.C.T.M.#
		DWG. # B-045
		SHEET 2 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

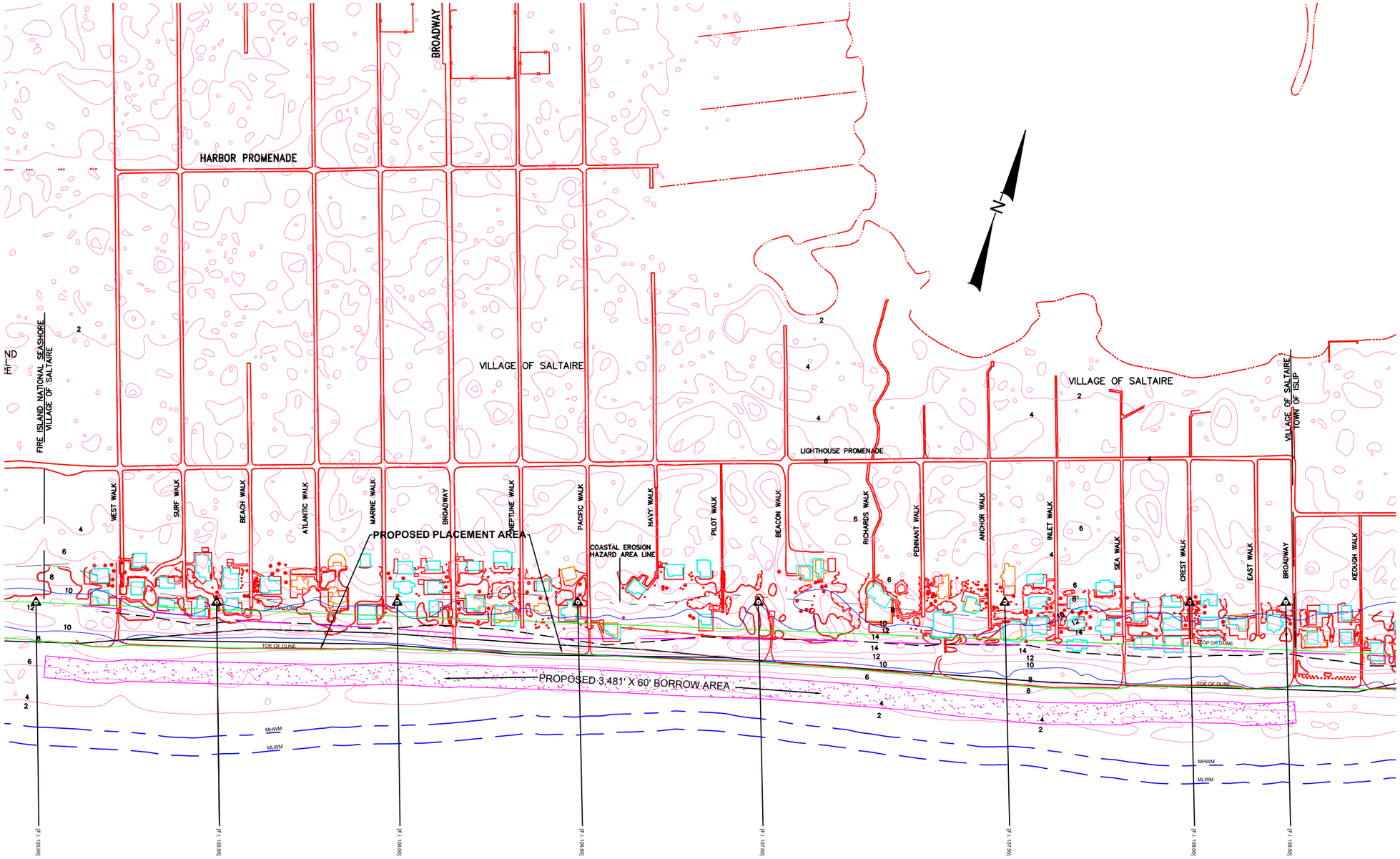
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: VLG. OF KISMET BEACH KISMET, F.I.- SUFFOLK COUNTY N.Y. APPLICANT: VLG. OF KISMET	DATE: 03-25-08 S.C.T.M.# DWG. # B-045 SHEET 1 OF 2
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		



NOTES:

1. SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

2. PROPOSED BORROW AREA IN THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE (MAX. 60' WIDE). (AVERAGE 1' DEEP), APPROX. 202 CUBIC YARDS PER LINEAR FOOT

3. AREA OF THE AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACH GRASS (Ammophilia brevigulata) ON 18" CENTERS

4. A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (6+) NGVD REQUIRED

5. MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE REFERENCED TO NGVD '29)

PLAN VIEW:
SCALE: 1" = 300'

LAND USE ECOLOGICAL SERVICES INC.
PO BOX 1060
RIVERHEAD, N.Y.11901
PHONE (631)-727-2400 FAX (631)-727-2605

PROPOSED: BEACH SCRAPING PROJECT
PURPOSE: EROSION CONTROL
AT: VLG. OF SALTAIRE BEACH
SALTAIRE, F.I.- SUFFOLK COUNTY N.Y.
APPLICANT: VLG. OF SALTAIRE

DATE:
03-25-08
S.C.T.M.#

NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

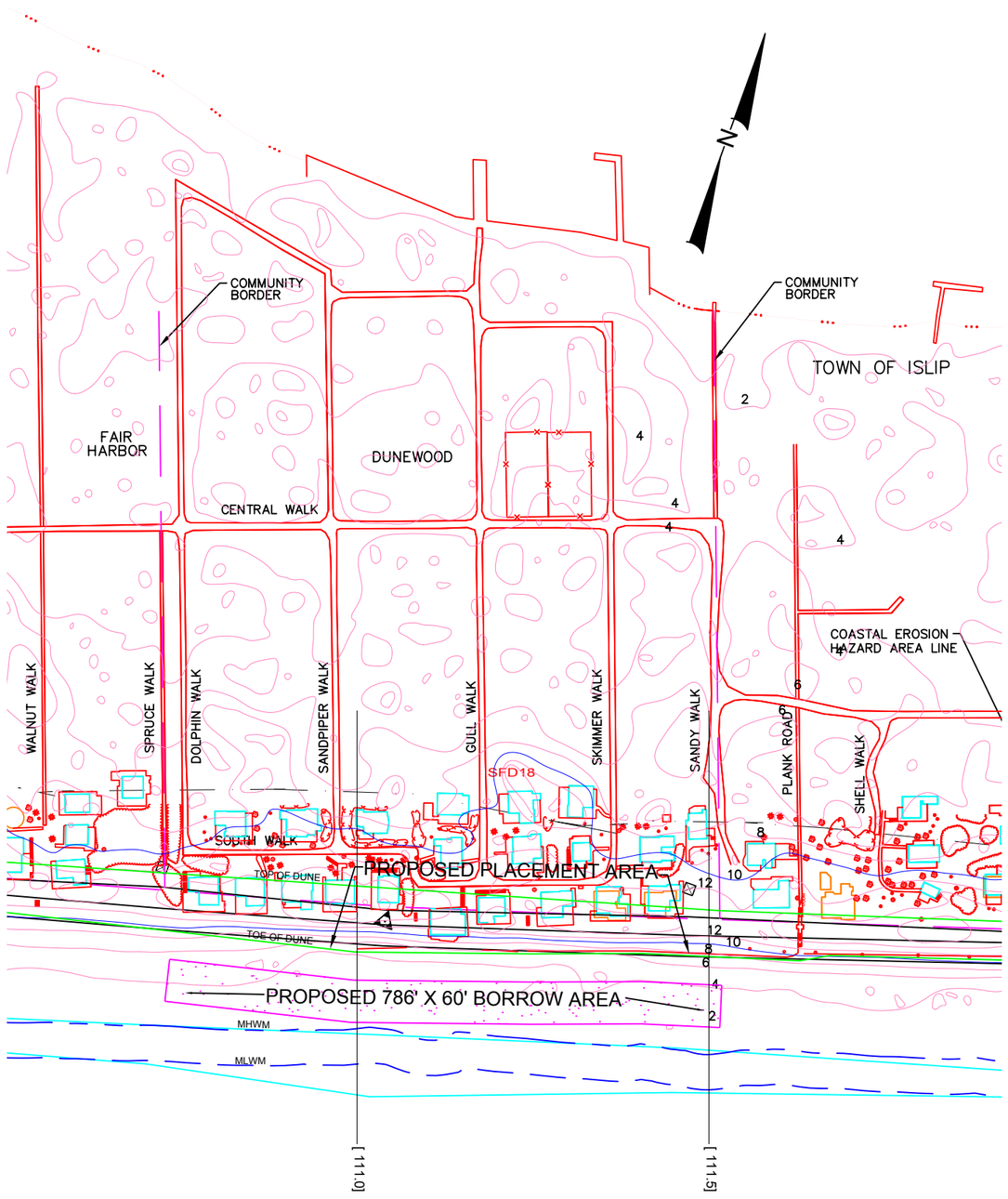
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: FAIR HARBOR BEACH TOWN OF ISLIP- SUFFOLK COUNTY N.Y. APPLICANT: FAIR HARBOR BECD	DATE: 03-25-08
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		S.C.T.M.# SHEET 1 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

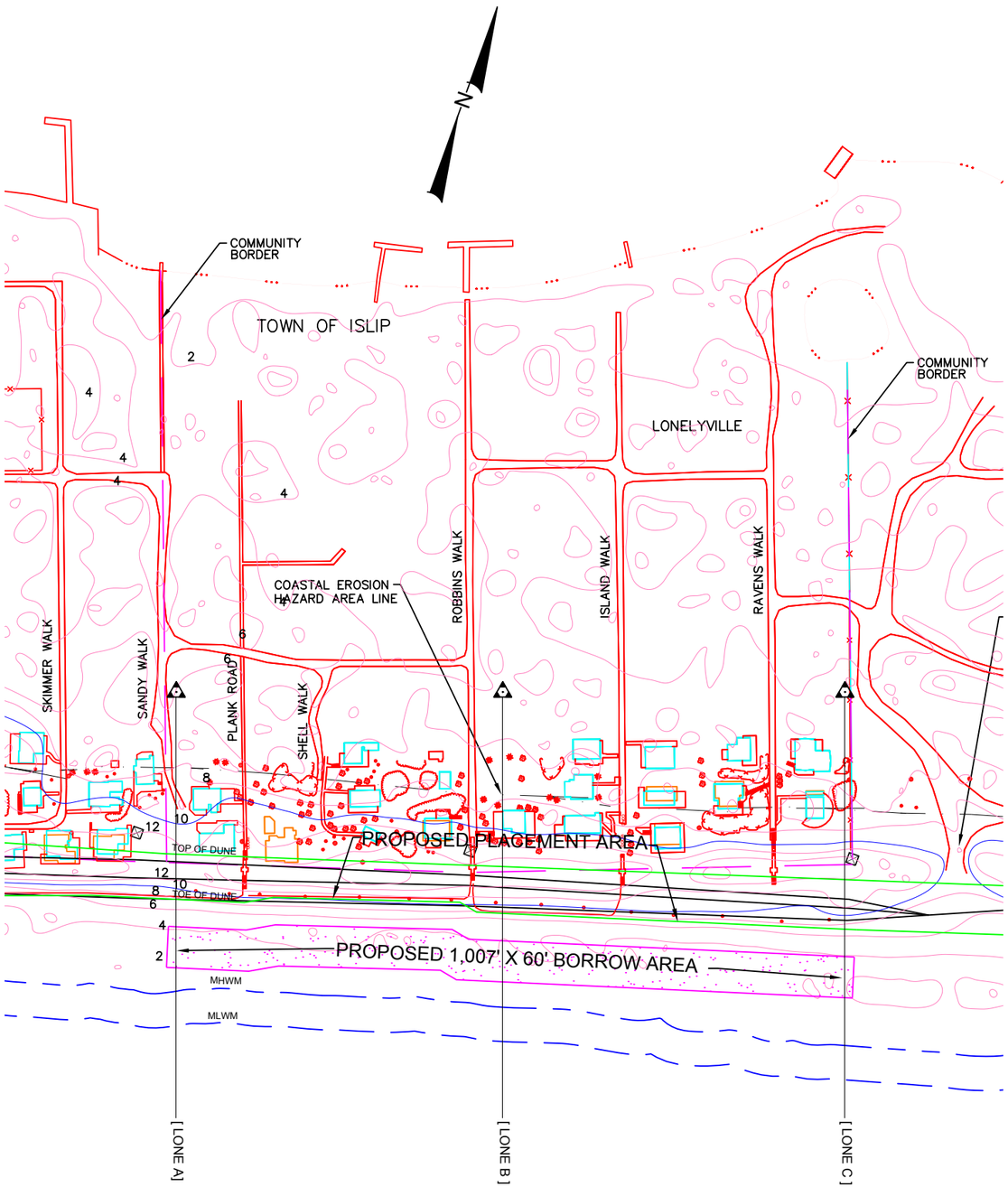
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: DUNEWOOD BEACH F.I.- SUFFOLK COUNTY N.Y. APPLICANT: DUNEWOOD ASSOC.	DATE: 03-25-08
		S.C.T.M.#
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		SHEET 1 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: LONELYVILLE BEACH LONELYVILLE, F.I.- SUFFOLK COUNTY N.Y. APPLICANT:LONELYVILLE B.E.C.D	DATE: 03-25-08 S.C.T.M.# SHEET 1 OF 2
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		

NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

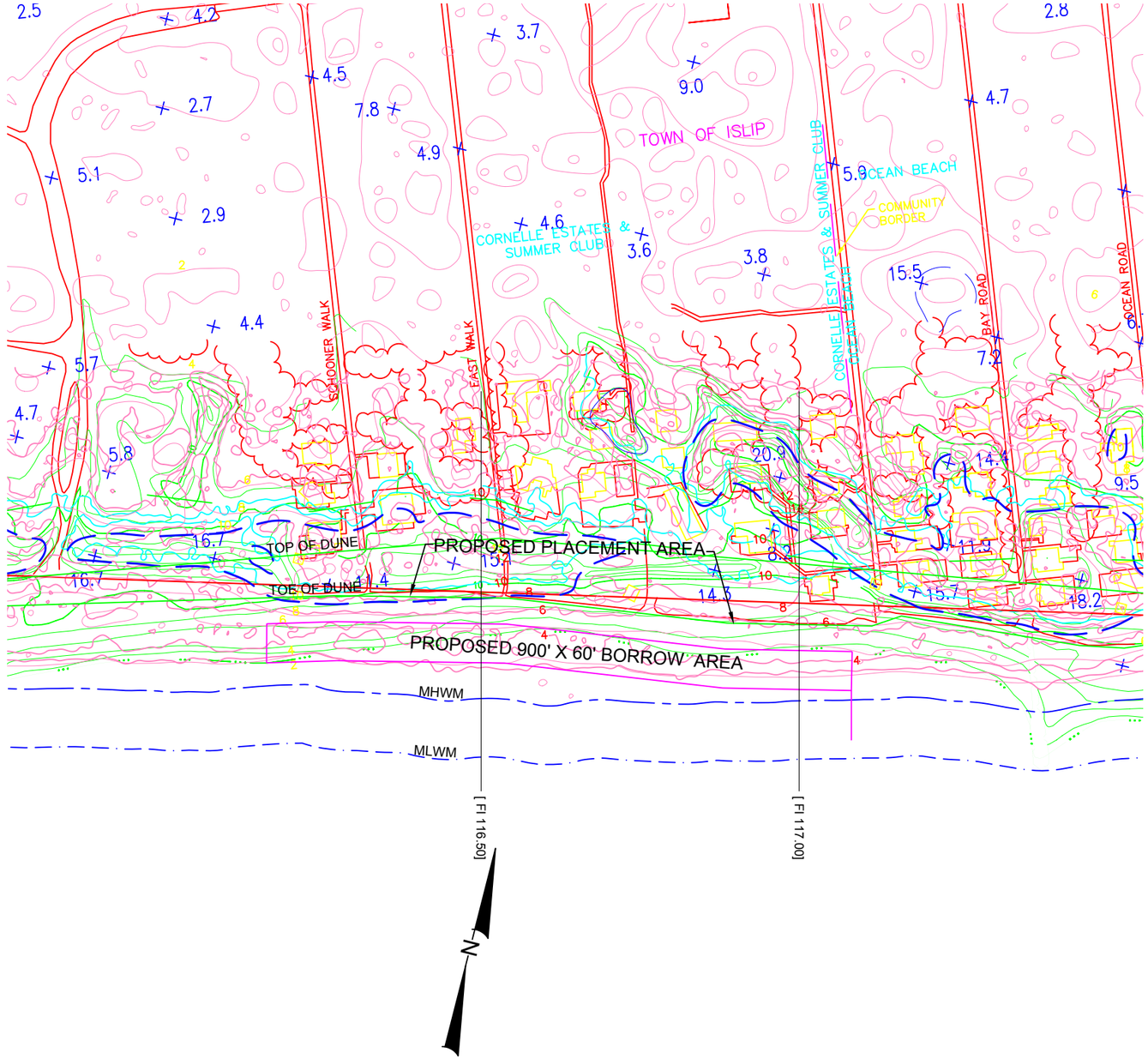
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 300'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: VLG. OF ATLANTIQUE BEACH ATLANTIQUE, F.I.- SUFFOLK COUNTY N.Y. APPLICANT: VLG. OF ATLANTIQUE	DATE: 03-25-08 S.C.T.M.#
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		SHEET 1 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

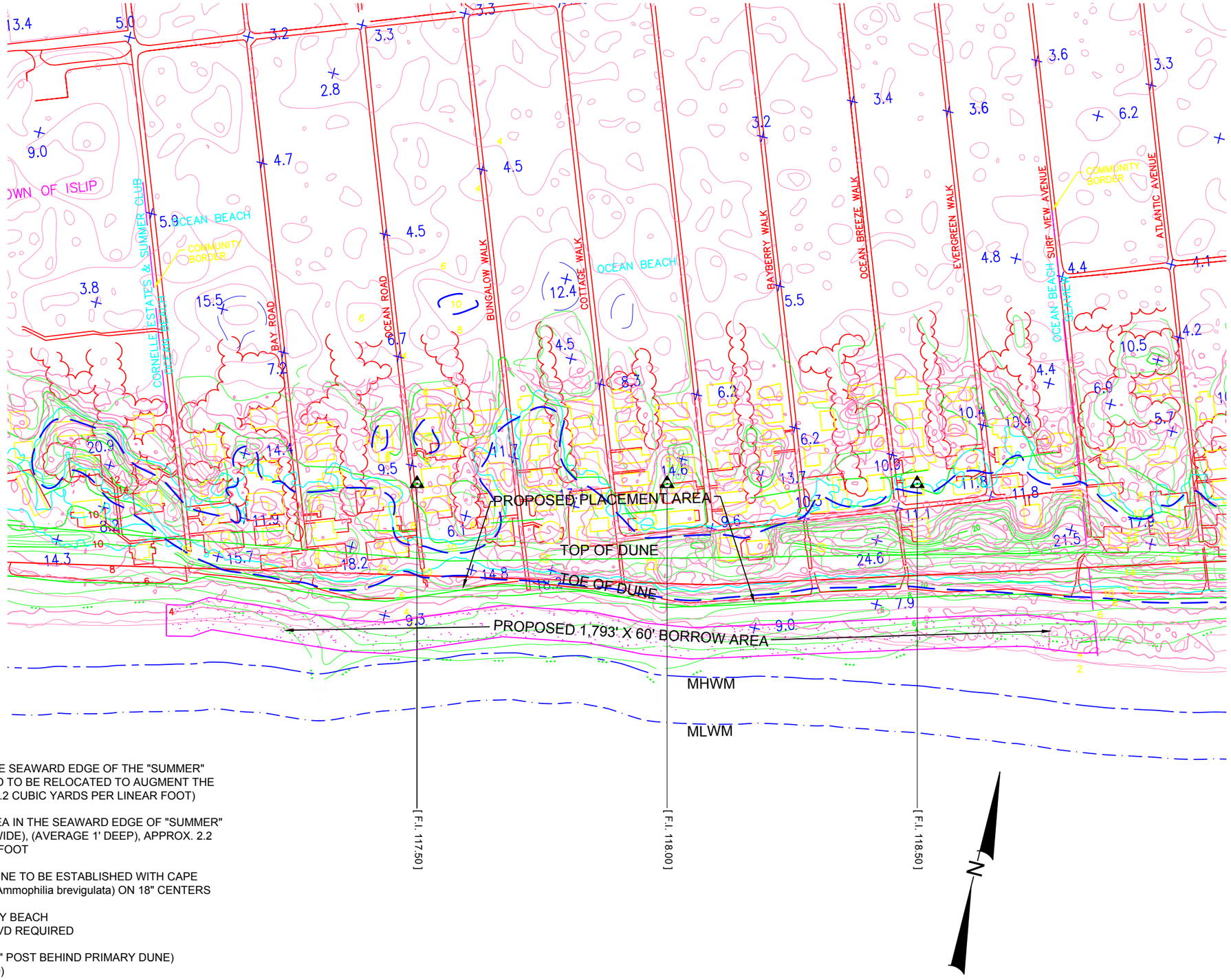
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT:CORNEILLE ESTATES BEACH CORNEILLE ESTATES, F.I.- SUFFOLK COUNTY N.Y. APPLICANT: CORNEILLE ESTATES	DATE: 03-25-08 S.C.T.M.#
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		SHEET 1 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

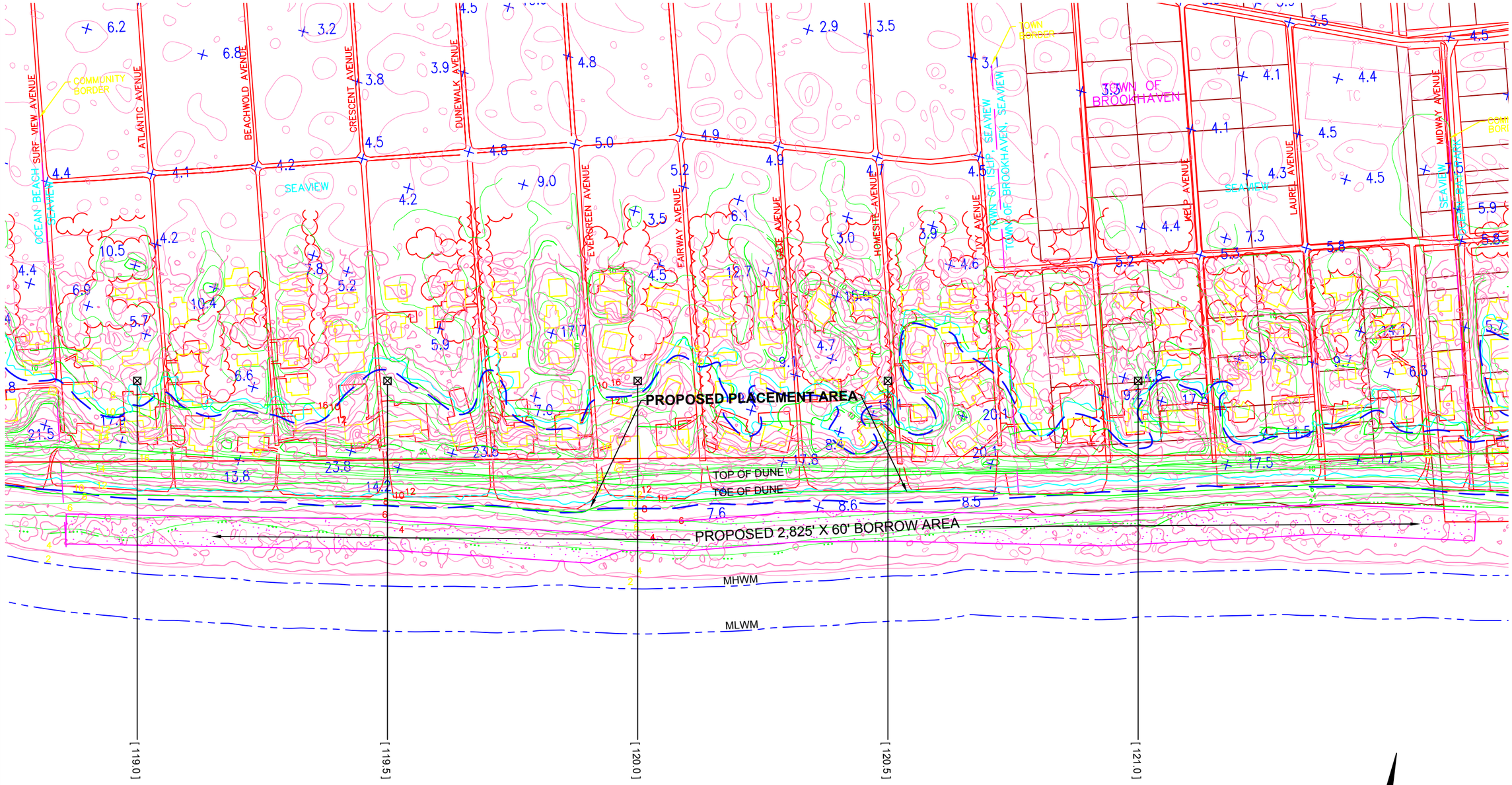
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: INC. VLG. OF OCEAN BEACH F.I.- SUFFOLK COUNTY N.Y. APPLICANT: INC. VLG. OF OCEAN BEACH	DATE: 03-25-08 S.C.T.M.#
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		SHEET 1 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

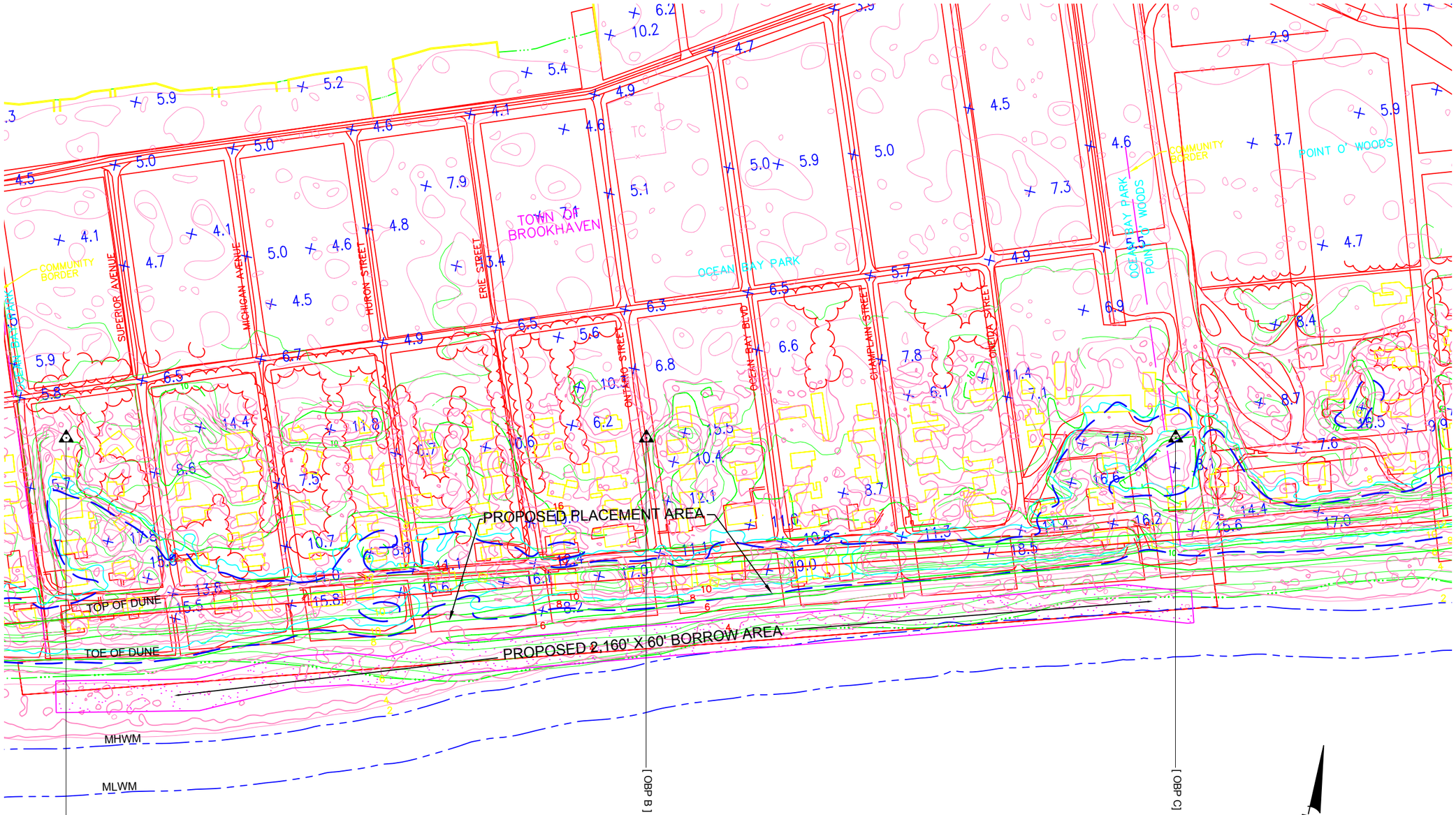
PLAN VIEW:
SCALE: 1" = 200'

LAND USE ECOLOGICAL SERVICES INC.
PO BOX 1060
RIVERHEAD, N.Y.11901
PHONE (631)-727-2400 FAX (631)-727-2605

PROPOSED: BEACH SCRAPING PROJECT
PURPOSE: EROSION CONTROL
AT: SEAVIEW BEACH
SEAVIEW, F.I.- SUFFOLK COUNTY N.Y.
APPLICANT: SEAVIEW B.E.C.D.

DATE: 03-25-08
S.C.T.M.#

SHEET 1 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

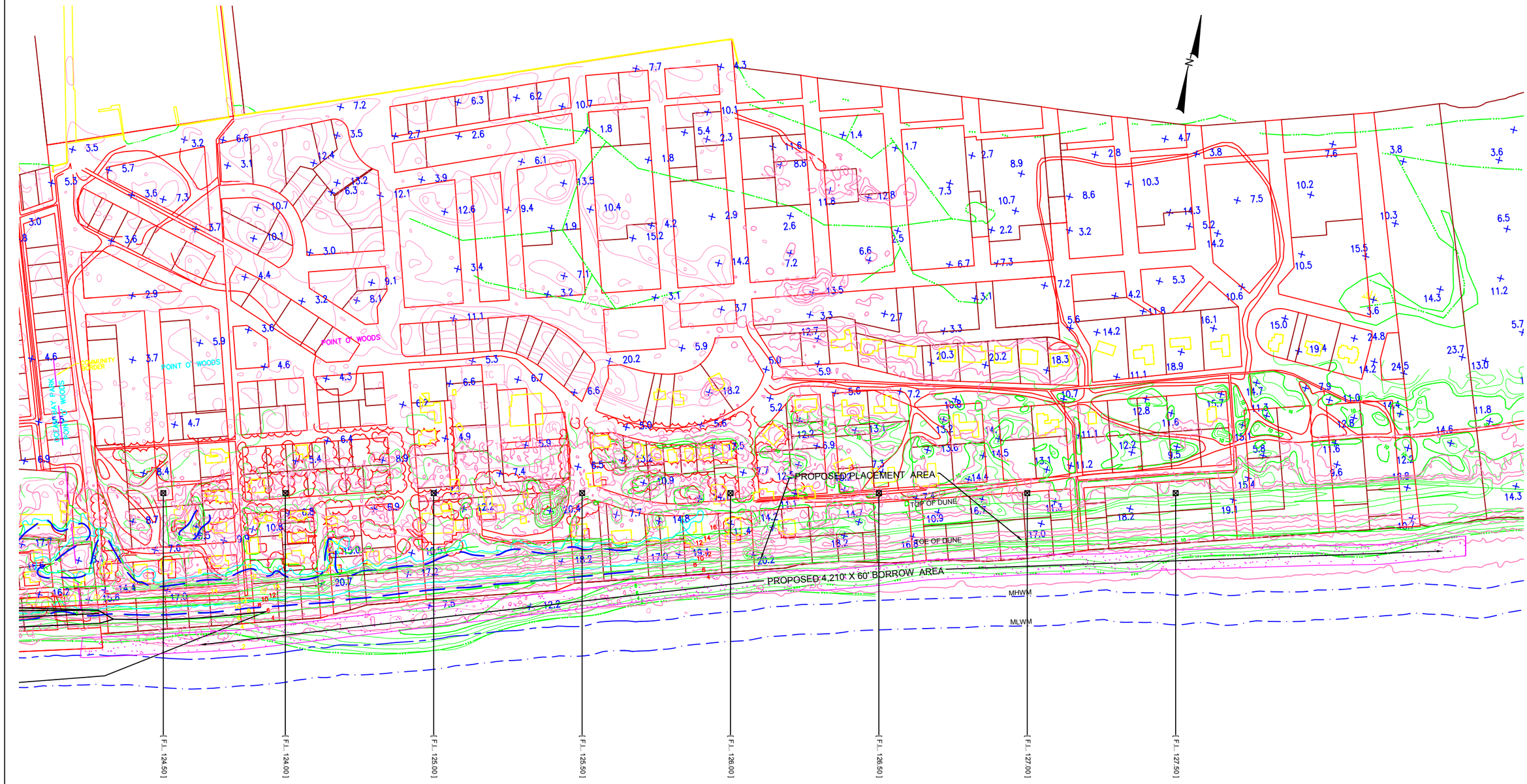
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: OCEAN BAY PARK F.I.- SUFFOLK COUNTY N.Y. APPLICANT: OCEAN BAY PARK	DATE: 03-25-08 S.C.T.M.#
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		SHEET 1 OF 2



NOTES:

1. SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

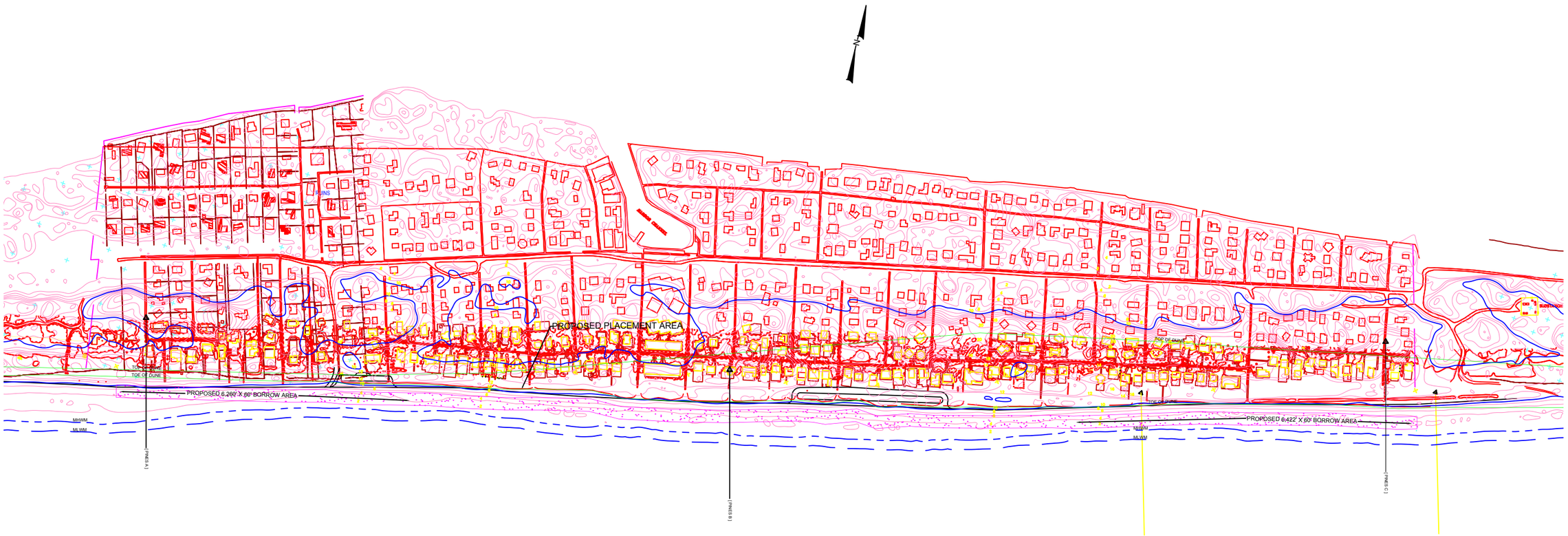
2. PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE). (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3. AREA OF THE AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACH GRASS (Ammophilia brevigulata) ON 18" CENTERS

4. A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5. MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 300'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: POINT OF WOODS F.I.- SUFFOLK COUNTY N.Y. APPLICANT: POINT OF WOODS	DATE: 03-25-08 S.C.T.M.#
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		SHEET 1 OF 2



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

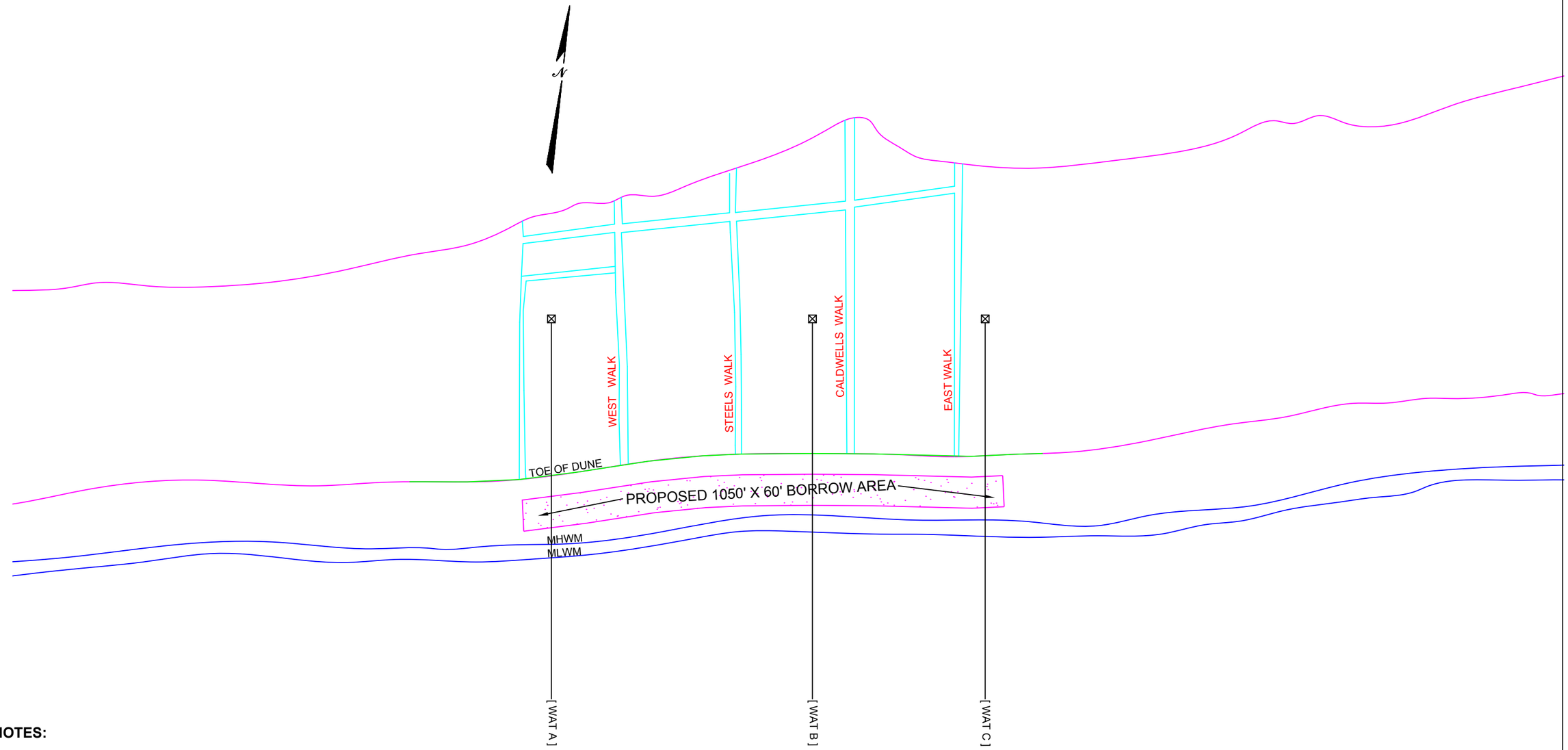
2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 500'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: F.I. PINES B.E.C.D F.I.- SUFFOLK COUNTY N.Y. APPLICANT: F.I. PINES B.E.C.D.	DATE: 03-25-08
		S.C.T.M.#
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		SHEET 1 OF 2



NOTES:

1. SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

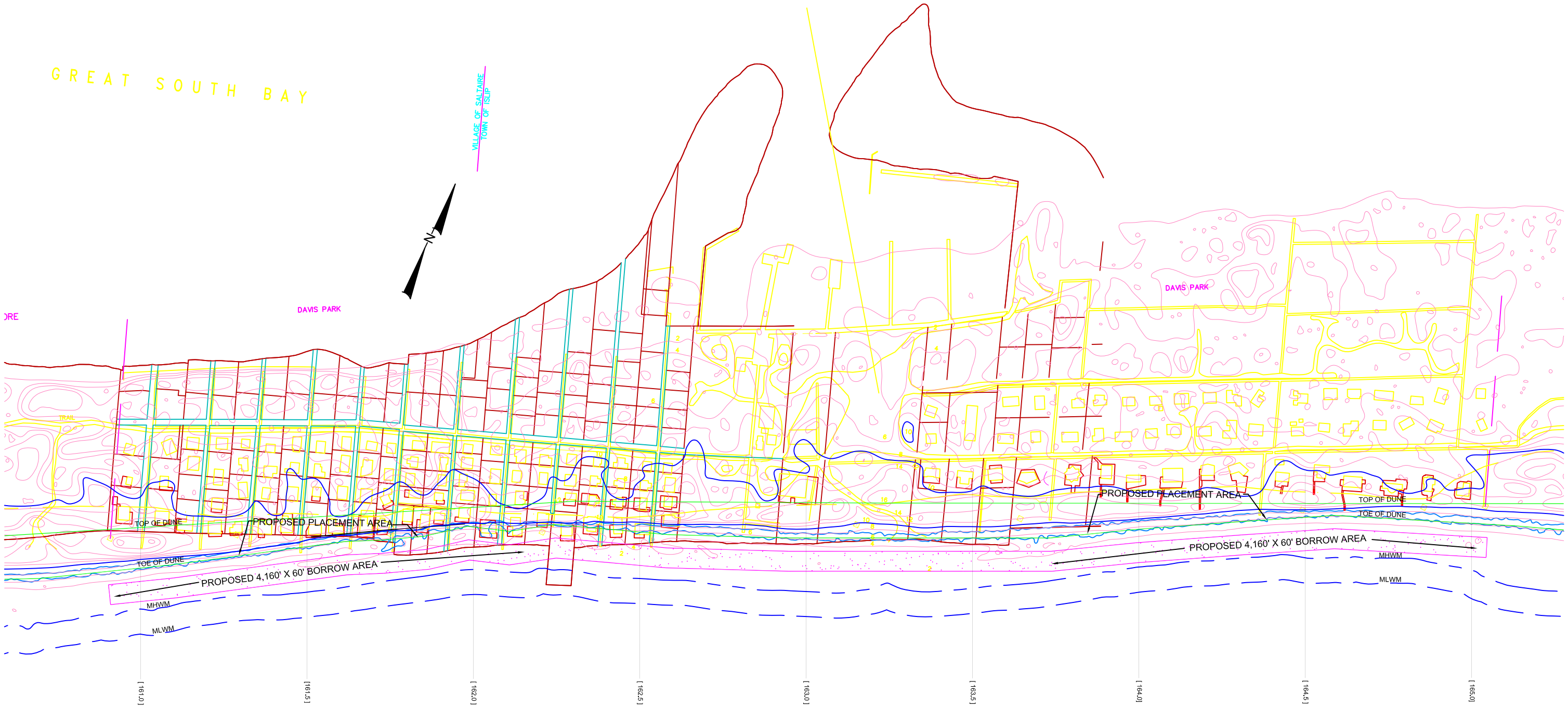
2. PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE). (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3. AREA OF THE AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACH GRASS (Ammophilia brevigulata) ON 18" CENTERS

4. A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5. MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) REFERENCED TO NGVD '29)

PLAN VIEW: SCALE: 1" = 200'	PROPOSED: BEACH SCRAPING PROJECT PURPOSE: EROSION CONTROL AT: WATER ISLAND COMMUNITIES WATER ISLAND, F.I.- SUFFOLK COUNTY N.Y. APPLICANT: VLG. OF WATER ISLAND	DATE: 03-25-08 S.C.T.M.# DWG. # B-045 SHEET 1 OF 2
LAND USE ECOLOGICAL SERVICES INC. PO BOX 1060 RIVERHEAD, N.Y.11901 PHONE (631)-727-2400 FAX (631)-727-2605		



NOTES:

1.SURPLUS SAND FROM THE SEAWARD EDGE OF THE "SUMMER" BEACH PROFILE PROPOSED TO BE RELOCATED TO AUGMENT THE PRIMARY DUNE (APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT)

2.PROPOSED BORROW AREA IN THE SEAWARD EDGE OF "SUMMER" BEACH PROFILE (MAX. 60' WIDE), (AVERAGE 1' DEEP), APPROX. 2.2 CUBIC YARDS PER LINEAR FOOT

3.AREA OF AUGMENTED DUNE TO BE ESTABLISHED WITH CAPE AMERICAN BEACHGRASS (Ammophilia brevigulata) ON 18" CENTERS

4.A MINIMUM OF 100' OF DRY BEACH ABOVE ELEVATION (+6) NGVD REQUIRED

5.MONITOR STATION (4" X 4" POST BEHIND PRIMARY DUNE) (REFERENCED TO NGVD '29)

PLAN VIEW:
SCALE: 1" = 300'

LAND USE ECOLOGICAL SERVICES INC.
PO BOX 1060
RIVERHEAD, N.Y.11901
PHONE (631)-727-2400 FAX (631)-727-2605

PROPOSED: BEACH SCRAPING PROJECT
PURPOSE: EROSION CONTROL
AT: DAVIS PARK BEACH
F.I.- SUFFOLK COUNTY N.Y.
APPLICANT: DAVIS PARK BEACH

DATE:
03-25-08
S.C.T.M.#