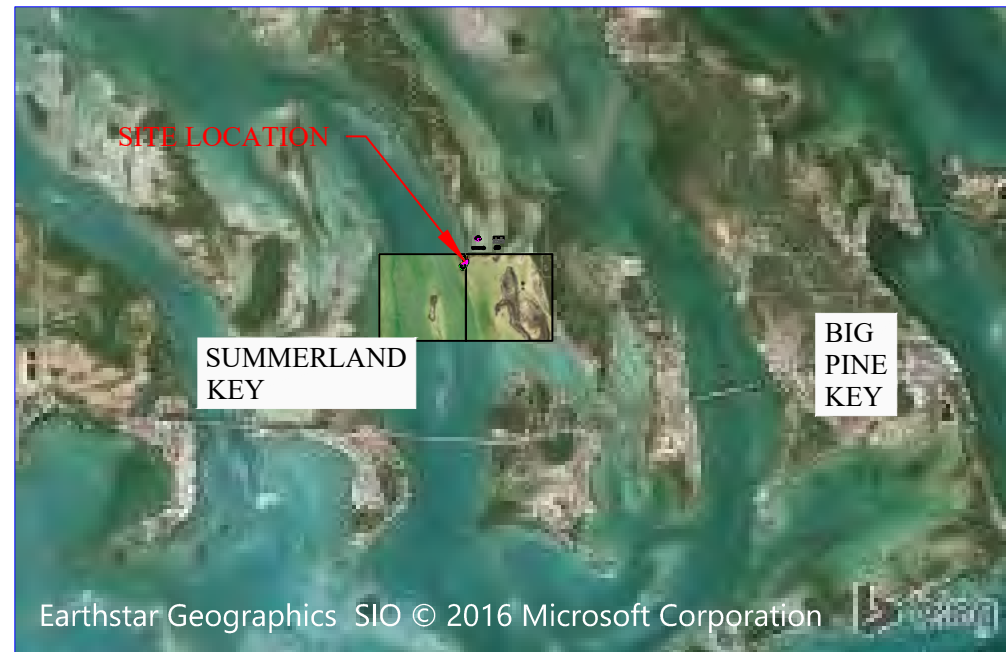


# RESIDENTIAL FILL PLAN FOR WHITCOMB RESIDENCE

3206 CATHERINE ROAD  
MIDDLE TORCH KEY  
MONROE COUNTY, FLORIDA

<b>SITE INFORMATION</b>
RE #: 00112920-000200
ADDRESS: 3206 CATHERINE ROAD, MIDDLE TORCH KEY, FLORIDA
SEC-TWP-RNG: 19-66-29



LOCATION MAP

INDEX OF DRAWINGS
SHEET 1 - COVER SHEET
SHEET 2 - EXISTING CONDITIONS -SURVEY
SHEET 3 - EXISTING CONDITIONS - HABITAT MAP
SHEET 4 - ENVIRONMENTAL CONDITIONS
SHEET 5 - PROPOSED CONDITIONS
SHEET 6 - CROSS-SECTIONS
SHEET 7 - EROSION CONTROL PLAN

**PROJECT DESCRIPTION:**

THE PROPOSED FILL PLAN IS FOR A PROPOSED SINGLE FAMILY RESIDENCE. THE PROPOSED PROJECT IS FOR FILL OF 5,744 SF OF DISTURBED WETLAND AND 5,440 SF OF DISTURBED UPLAND.

General Notes

COVER SHEET

No.	Revision/Issue	Date

**Firm Name and Address**

Terramar Environmental Services, Inc.  
1241 Crane Boulevard  
Sugarloaf Key, FL 33042  
terramar@bellsouth.net  
(305) 393-4200

**Project Name and Address**

Whitcomb Residence  
Fill Permitting Plans  
3206 Catherine Road  
Big Torch Key, Florida 33042

<b>Project</b> XXX	<b>Sheet</b> 1
<b>Date</b> September 09, 2016	Sheet 1 of 7
<b>Scale</b> XXX	



# EXISTING CONDITIONS - SURVEY

No.	Revision/Issue	Date

**Firm Name and Address**  
 Terramar Environmental Services, Inc.  
 1241 Crane Boulevard  
 Sugarloaf Key, FL 33042  
 terramar@bellsouth.net  
 (305) 393-4200

**Project Name and Address**  
 Whitcomb Residence  
 Fill Permitting Plans  
 3206 Catherine Road  
 Big Torch Key, Florida 33042

Project XXX	Sheet 2
Date September 09, 2016	Sheet 2 of 7
Scale XXX	





# EXISTING CONDITIONS - HABITAT MAP

No.	Revision/Issue	Date

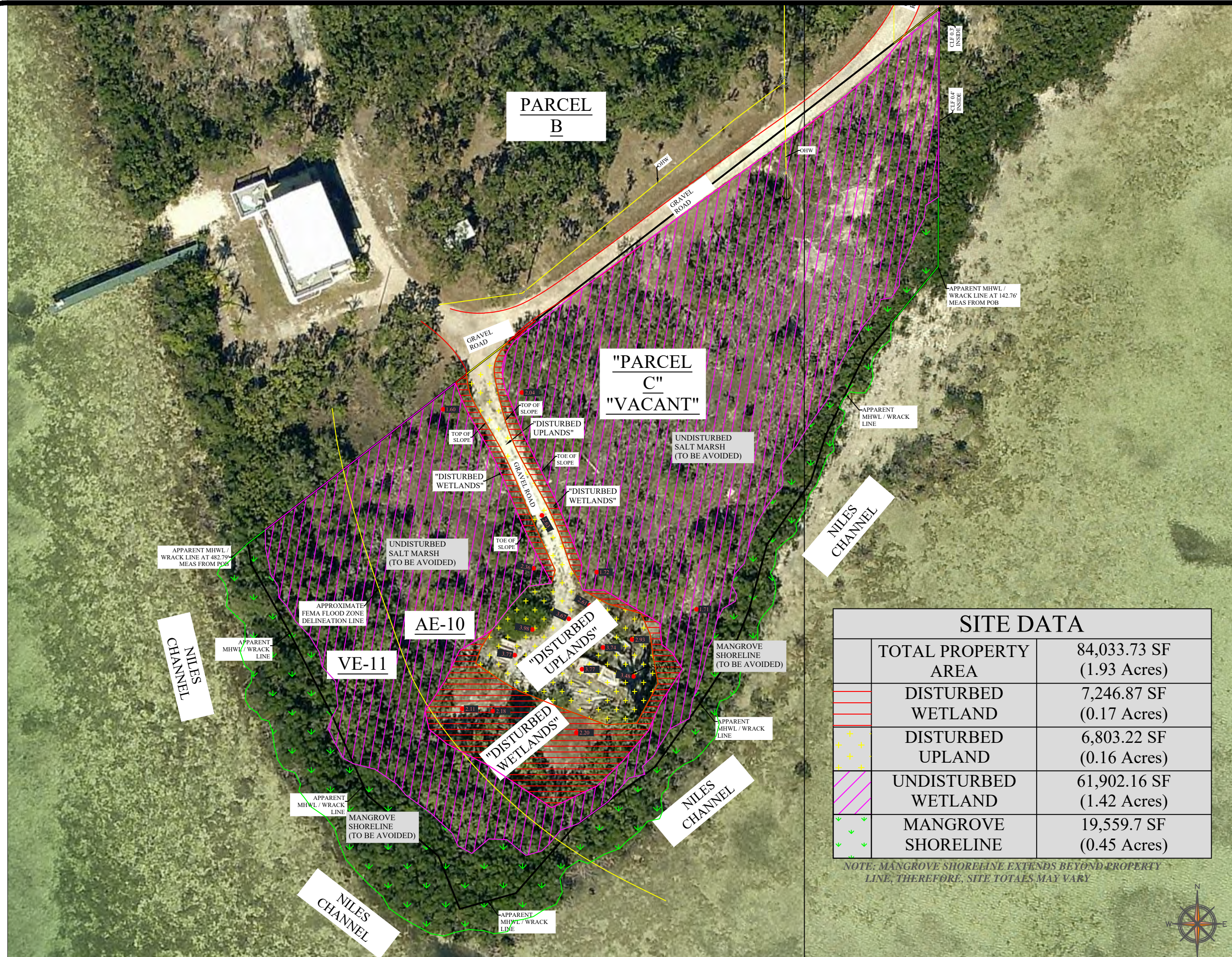
**Firm Name and Address**  
 Terramar Environmental Services, Inc.  
 1241 Crane Boulevard  
 Sugarloaf Key, FL 33042  
 terramar@bellsouth.net  
 (305) 393-4200

**Project Name and Address**  
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 Big Torch Key, Florida 33042

Project XXX	Sheet 3
Date September 09, 2016	Sheet 3 of 7
Scale XXX	

SITE DATA	
TOTAL PROPERTY AREA	84,033.73 SF (1.93 Acres)
DISTURBED WETLAND	7,246.87 SF (0.17 Acres)
DISTURBED UPLAND	6,803.22 SF (0.16 Acres)
UNDISTURBED WETLAND	61,902.16 SF (1.42 Acres)
MANGROVE SHORELINE	19,559.7 SF (0.45 Acres)

NOTE: MANGROVE SHORELINE EXTENDS BEYOND PROPERTY LINE, THEREFORE, SITE TOTALS MAY VARY



**PARCEL B**

**"PARCEL C"  
"VACANT"**

**AE-10**

**VE-11**

**NILES CHANNEL**

**NILES CHANNEL**

**NILES CHANNEL**

**NILES CHANNEL**

**"DISTURBED UPLANDS"**

**"DISTURBED WETLANDS"**

**"DISTURBED WETLANDS"**

**"DISTURBED UPLANDS"**

**"DISTURBED WETLANDS"**

**UNDISTURBED SALT MARSH (TO BE AVOIDED)**

**UNDISTURBED SALT MARSH (TO BE AVOIDED)**

**MANGROVE SHORELINE (TO BE AVOIDED)**

**MANGROVE SHORELINE (TO BE AVOIDED)**

**OHW**

**OHW**

**APPARENT MHWL / WRACK LINE AT 142.76' MEAS FROM POB**

**APPARENT MHWL / WRACK LINE AT 482.79' MEAS FROM POB**

**APPROXIMATE FEMA FLOOD ZONE DELINEATION LINE**

**APPARENT MHWL / WRACK LINE**

**APPARENT MHWL / WRACK LINE**

**APPARENT MHWL / WRACK LINE**

**APPARENT MHWL / WRACK LINE**

**CLF 0.3' INSIDE**

**CLF 0.4' INSIDE**

**GRAVEL ROAD**

**GRAVEL ROAD**

**GRAVEL ROAD**

**TOE OF SLOPE**

**TOP OF SLOPE**

**TOE OF SLOPE**

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**TOP OF SLOPE**



THE EXISTING ENVIRONMENTAL SITE CONDITIONS INCLUDE A DISTURBED WETLAND AND A DISTURBED UPLAND AREA. THE AREA HAS SIGNS OF PREVIOUS FILL AND OTHER HUMAN IMPACTS, SUCH AS DUMPING AND VEHICULAR USE. THE VEGETATION PRESENT IN THE AREA INCLUDES BUTTONWOODS, SEAGRAPE, AND VARIOUS WETLAND GRASSES. THE SURROUNDING WETLANDS ARE HIGH QUALITY MANGROVE WETLANDS AND SALT MARSH AND WILL NOT BE IMPACTED.

BELOW ARE PHOTOS TYPICAL OF THE HABITATS FOUND ON THE PROPERTY.



Photo of disturbed upland.



Photo of undisturbed wetland.



Photo of disturbed wetland.



Photo of mangrove shoreline.

General Notes

ENVIRONMENTAL CONDITIONS

No.	Revision/Issue	Date

**Firm Name and Address**  
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 terramar@bellsouth.net  
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Project XXX	Sheet 4
Date September 09, 2016	Sheet 4 of 7
Scale XXX	



General Notes

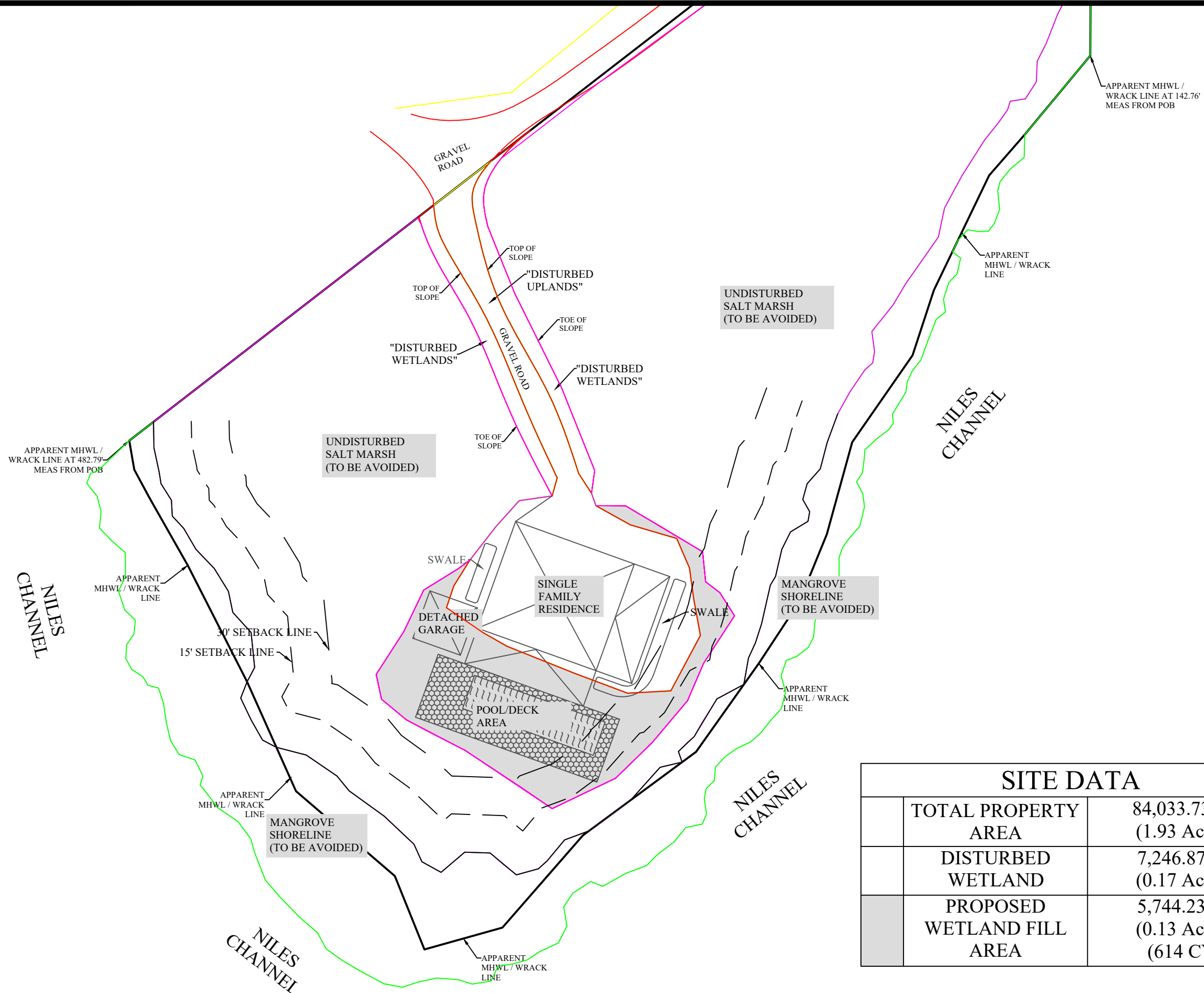
SITE PLAN

No.	Revision/Issue	Date

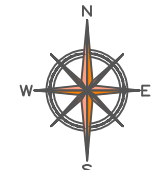
**Firm Name and Address**  
 Terramar Environmental Services, Inc.  
 1241 Crane Boulevard  
 Sugarloaf Key, FL 33042  
 terramar@bellsouth.net  
 (305) 393-4200

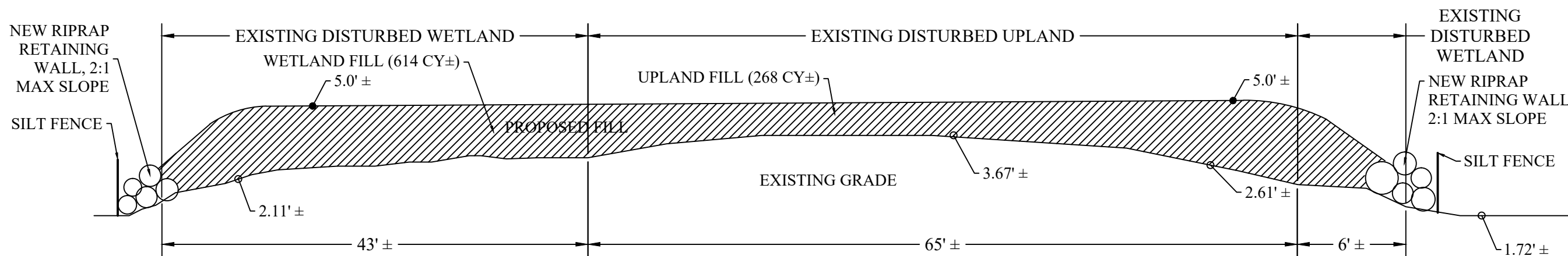
**Project Name and Address**  
 Whitcomb Residence  
 Fill Permitting Plans  
 3206 Catherine Road  
 Big Torch Key, Florida 33042

<b>Project</b> XXX	<b>Sheet</b> 5
<b>Date</b> September 09, 2016	<b>Scale</b> XXX
<small>Sheet 5 of 7</small>	



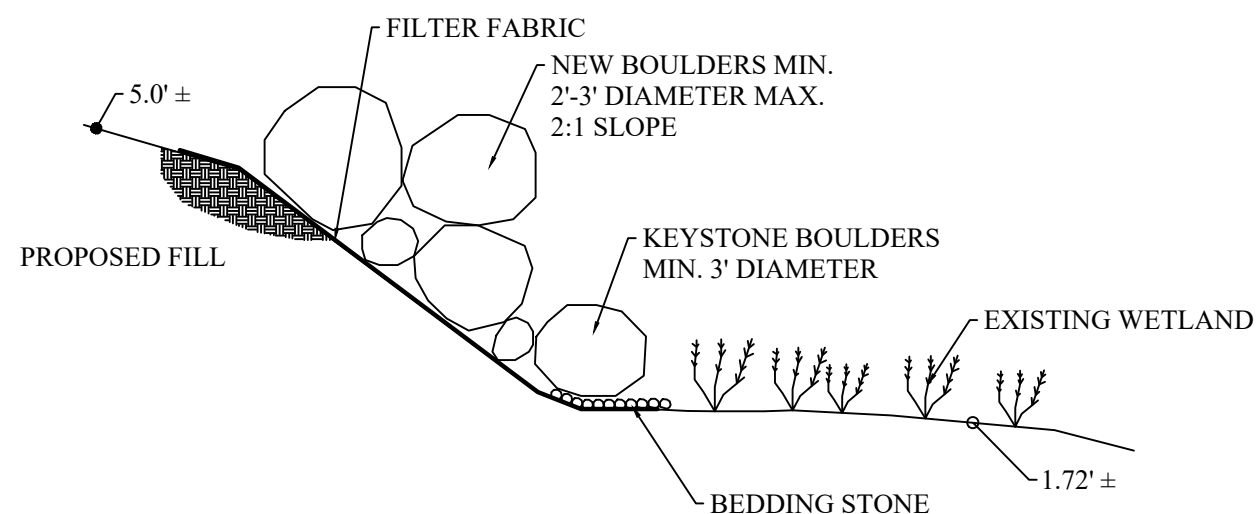
SITE DATA	
TOTAL PROPERTY AREA	84,033.73 SF (1.93 Acres)
DISTURBED WETLAND	7,246.87 SF (0.17 Acres)
PROPOSED WETLAND FILL AREA	5,744.23 SF (0.13 Acres) (614 CY)





## FILL CROSS- SECTION

NTS



## RIPRAP DETAIL

NTS

FILL CROSS-SECTIONS

No.	Revision/Issue	Date

**Firm Name and Address**  
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 terramar@bellsouth.net  
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<b>Project</b> XXX	<b>Sheet</b> 6
<b>Date</b> September 09, 2016	Sheet 6 of 7
<b>Scale</b> XXX	

APPARENT MHWL / WRACK LINE AT 482.79' MEAS FROM POB

UNDISTURBED SALT MARSH (TO BE AVOIDED)

TOE OF SLOPE

NILES CHANNEL

NILES CHANNEL

APPARENT MHWL / WRACK LINE

SILT FENCE

SWALE

SINGLE FAMILY RESIDENCE

SILT FENCE

MANGROVE SHORELINE (TO BE AVOIDED)

DETACHED GARAGE

SWALE

POOL/DECK AREA

APPARENT MHWL / WRACK LINE

APPARENT MHWL / WRACK LINE

MANGROVE SHORELINE (TO BE AVOIDED)

NILES CHANNEL

# EROSION CONTROL PLAN

NTS

General Notes

# EROSION CONTROL PLAN

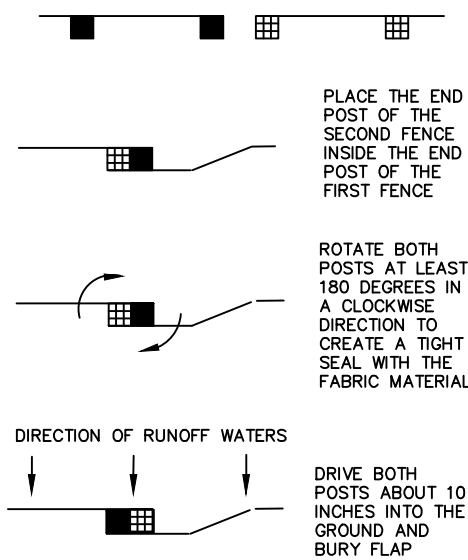
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**Firm Name and Address**  
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 terramar@bellsouth.net  
 (305) 393-4200

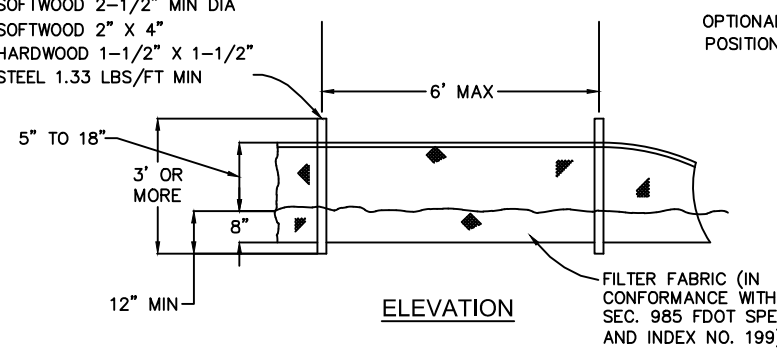
**Project Name and Address**  
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 Big Torch Key, Florida 33042

Project	XXX	Sheet	7
Date	September 09, 2016	7 Sheet 7 of 7	
Scale	XXX		

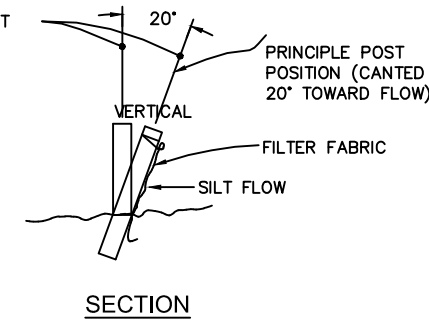
### ATTACHING TWO SILT FENCES



POST OPTIONS:  
 SOFTWOOD 2-1/2" MIN DIA  
 SOFTWOOD 2" X 4"  
 HARDWOOD 1-1/2" X 1-1/2"  
 STEEL 1.33 LBS/FT MIN



OPTIONAL POST POSITIONS



### TYPE III SILT FENCE

FDOT INDEX NO. 102

TWO SECTIONS OF SILT FENCE SHALL BE JOINED AS SHOWN ON DETAIL.