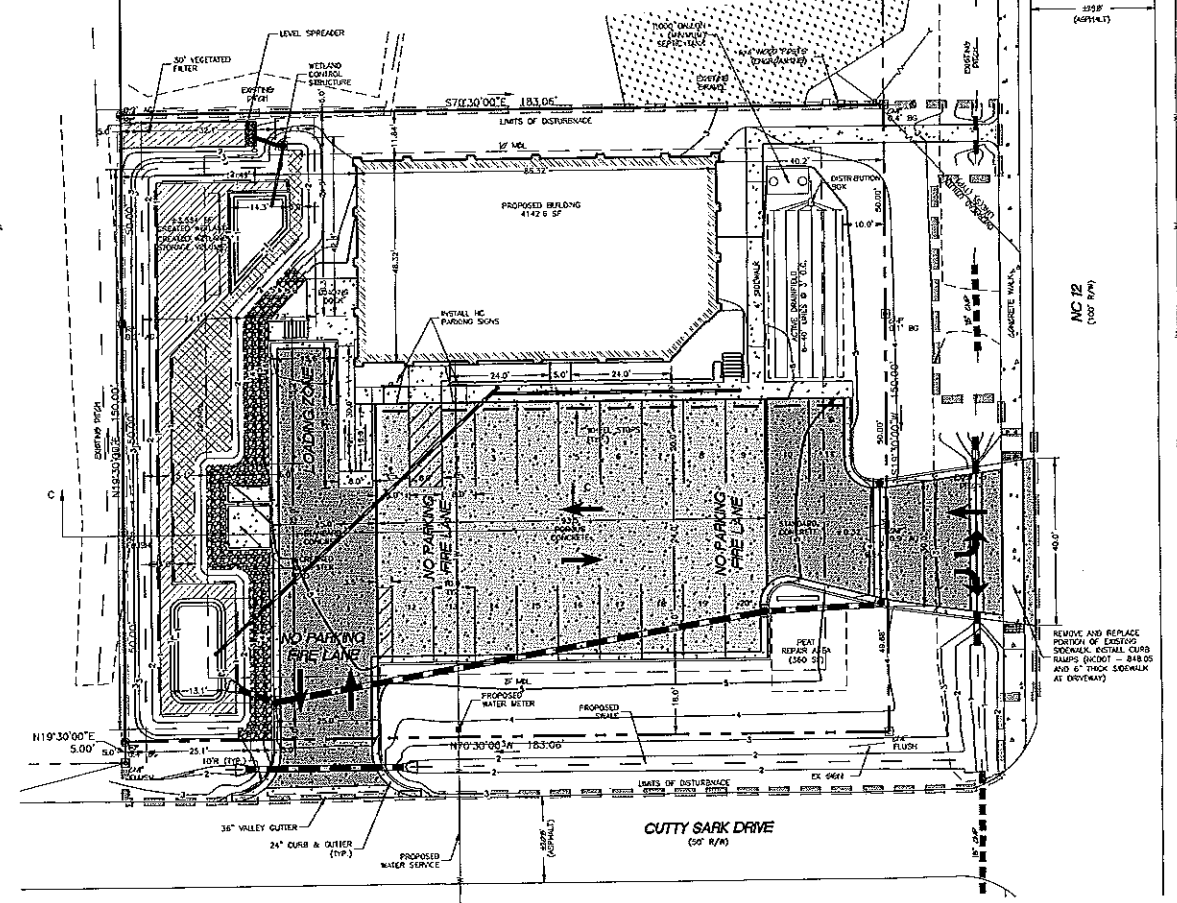


**811**  
Know what's below.  
Call before you dig.

LINE	LENGTH	BEARING
L1	9.00	N89°20'00"E
L2	28.51	N03°08'17"W
L3	40.69	N86°11'27"E
L4	28.51	N83°56'01"W
L5	31.55	N83°10'43"W
L6	20.70	N18°50'58"W
L7	24.00	N20°20'30"W
L8	31.00	S82°31'18"W
L9	3.68	S00°00'00"W

GRAPHIC SCALE  
0 10 20 40  
(IN FEET)  
1 INCH = 20 FT.

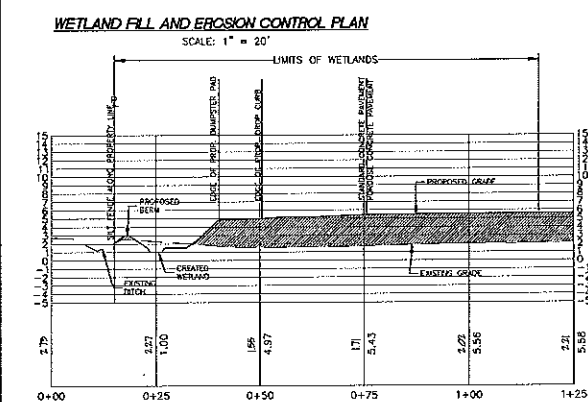


**Albemarle & Associates, Ltd.**  
Engineering - Environmental - Land Planning

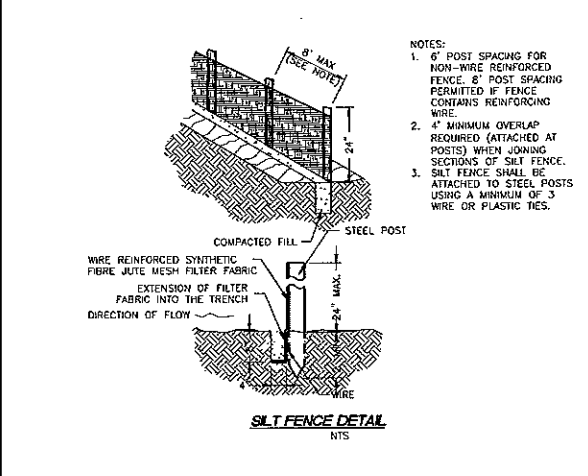
Albemarle & Associates, Ltd.  
100 West Street  
P.O. Box 3800  
Cape Fear, NC 28403  
Phone: (704) 441-1555  
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www.albemarle.com  
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SEAL  
**MICHAEL J. HORNBY**  
ENGINEER

REVISIONS  
NO. DATE DESCRIPTION  
1. 10/17/2014 07659A-01



**WETLAND FILL AND EROSION CONTROL PLAN**  
SCALE: 1" = 20'  
LIMITS OF WETLANDS  
0+00 0+25 0+50 0+75 1+00 1+25



**WETLAND FILL PROFILE C-C**  
SCALE: 1" = 20' H  
SCALE: 1" = 10' V

**SITE STABILIZATION REQUIREMENTS**

SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 5:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETER AND HOW ZONES)

**SEEDING SCHEDULE**

**APRIL 1 - MAY 16 PERMANENT SEEDING**

SPECIES	RATE
K-31 FESCUE	3 LB/1000 SF
COMMON BERMUDAGRASS	1 LB/1000 SF
WINTER RYE GRASS	3 LB/1000 SF

NOTE: DELETE RYE GRASS IF OVERSEEDING ESTABLISHED RYE OR FESCUE. DELETE FESCUE IF OVERSEEDING ESTABLISHED FESCUE.

**MAY 16 - JULY 16 PERMANENT SEEDING**

SPECIES	RATE
K-31 FESCUE	3 LB/1000 SF
COMMON BERMUDAGRASS	1 LB/1000 SF
GERMAN MILLET	3 LB/1000 SF

NOTE: DELETE MILLET IF OVERSEEDING ESTABLISHED MILLET OR FESCUE. DELETE FESCUE IF OVERSEEDING ESTABLISHED FESCUE.

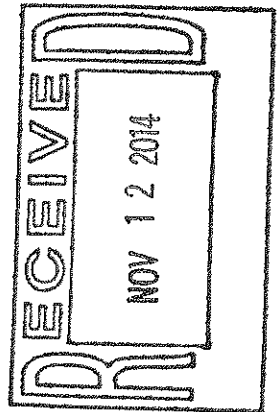
**AUGUST 16 - APRIL 1 TEMPORARY SEEDING**

SPECIES	RATE
K-31 FESCUE	3 LB/1000 SF
WINTER RYE GRASS	5 LB/1000 SF

**SOIL AMENDMENTS**  
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 500 LB PER ACRE OF 10-10-10 FERTILIZER.

**MULCH**  
USE JUTE, EXCEL-SOR MATTING OR OTHER EFFECTIVE CHANNEL LINING MATERIAL TO COVER BOTTOM AND SIDES OF SWALES. ANCHOR MATTING PER MANUFACTURER'S RECOMMENDATIONS. HYDROSEEDING IS ALSO AN ACCEPTABLE METHOD OF TEMPORARY STABILIZATION.

**MAINTENANCE**  
A MINIMUM OF 3 WEEKS IS REQUIRED TO FOR ESTABLISHMENT. INSPECT AND REPAIR MULCH FREQUENTLY. FERTILIZE THE FOLLOWING SPRING WITH 50 LB/ACRE NITROGEN.



**PRELIMINARY ONLY  
NOT FOR  
CONSTRUCTION**

- SITE PLAN NOTES:**
- OWNER: I G HOLDINGS, LLC  
PO BOX 120  
KITTY HAWK, NC 27949
  - THE DEVELOPER INTENDS TO CONSTRUCT A 4,000 SF RETAIL BUILDING.
  - THE PROPERTY IS LOTS 3, 4 AND 5, HATTERAS COLONY SECTION 6, M.B. 3, PAGE 13, RECORDED IN D.B. 1973, PG. 382  
DARE COUNTY PARCEL NO. 01307000, 026425000;  
DARE COUNTY PIN NO. 0640 14 24 7355; 0640 14 24 7237  
PROPERTY ADDRESS: 0 NC 12 HWY, AVON, NC
  - THE SITE IS LOCATED IN FIRM ZONES AE (EL 9) AS SHOWN ON FIRM MAP NUMBER 3730064000.  
EFFECTIVE DATE SEPTEMBER 20, 2008. (SUBJECT TO CHANGE BY FEMA)
  - ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE SPECIFIED. ELEVATIONS SHOWN ARE HEREON PER NAVD83.
  - AREAS SHOWN ARE BY COORDINATE METHOD.
  - EXISTING FEATURES AND SURVEY INFORMATION PROVIDED BY SEABOARD SURVEYING SERVICES.
  - THE DEVELOPER INTENDS TO FILL 0.27 ACRES OF WETLANDS PRESENT ON THE SITE.
  - AREA TO BE DISTURBED: 0.8 ACRES.
  - STORMWATER RUNOFF WILL BE DIRECTED TO A CREATED WETLAND ALONG THE WEST SIDE OF THE SITE. PORTIONS OF THE PAVEMENT WILL BE PERVIOUS CONCRETE DESIGNED FOR INFILTRATION. STORMWATER MANAGEMENT HAS BEEN DESIGNED TO MEET THE NORTH CAROLINA REQUIREMENTS FOR THE 20 COASTAL COUNTIES (HIGH DENSITY AND WITHIN 1/2 MILE OF SA WATERS).
  - SILT FENCE TO BE INSTALLED ON SITE AS SHOWN ON EROSION CONTROL PLAN.

**LEGEND**

	CONCRETE MONUMENT FOUND		PROPOSED CURB INLET
	IRON ROD FOUND		PROPOSED CONTROL STRUCTURE
	IRON ROD SET		FLARED END SECTION
	IRON PIPE FOUND		RIP RAP
	RIGHT OF WAY		STORMWATER FLOW ARROW
	BOUNDARY		EXISTING DRAINAGE PIPE
	BUILDING SETBACK		PROPOSED DRAINAGE PIPE
	EXISTING POWER POLE		EXISTING DITCH/SWALE INVERT
	OVERHEAD ELECTRIC		EXISTING TOP OF DITCH BANK
	EXISTING TELEPHONE PEDESTAL		PROPOSED BASIN EDGE OR SWALE INVERT
	EXISTING CABLE TV PEDESTAL		PROPOSED SCLEAROUT
	EXISTING LIGHT POLE		PROPOSED SANITARY SEWER
	PROPOSED LIGHT POLES		EXISTING FIRE HYDRANT
	EXISTING CONTOURS		EXISTING WATER METER
	PROPOSED CONTOURS		EXISTING WATER VALVE
	EXISTING SPOT ELEVATIONS		EXISTING WATERLINE
	PROPOSED SPOT ELEVATIONS		HANDICAP PARKING
	PROPOSED FENCE		SIGNAGE
	EXISTING CONCRETE		TRAFFIC FLOW ARROWS
	EXISTING PAVEMENT		WHEELSTOPS
	PROPOSED CONCRETE SIDEWALK		SILT FENCE
	PROPOSED POROUS CONCRETE		LIMITS OF DISTURBANCE
	PROPOSED STANDARD CONCRETE		EXISTING WETLANDS
			WETLANDS TO BE FILLED

**WETLAND FILL AND EROSION CONTROL PLAN**  
**I G HOLDINGS, LLC**  
**LOTS 3-5, HATTERAS COLONY SEC. 6**  
NORTH CAROLINA  
DARE COUNTY  
KONNAKETT TOWNSHIP  
AVON

DATE: 10/17/2014  
SURVEYED: SEE NOTES  
DESIGNED: JMD  
DRAWN: KCA  
CHECKED: JMD  
FILE: 07659A-SITE

SCALE:  
1" = 20'  
**C101**  
PROJ. NO. 07659A