



**LAKE COUNTY**  
FLORIDA

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**ADDENDUM NO. 2**

**Date: January 15, 2014**

**Invitation to Bid 14-0205**

**SITE RENOVATIONS AT FIRE STATION 11**

It is the vendor's responsibility to ensure their receipt of all addenda, and to clearly acknowledge all addenda within their initial bid response. Acknowledgement may be confirmed either by inclusion of a signed copy of this addendum with the initial bid response, or by completion and return of the addendum acknowledgement section of the solicitation. Failure to acknowledge each addendum may prevent the bid from being considered for award.

**This addendum X does \_\_\_does not change the date for receipt of bids or proposals. The new due date and time for receipt of bids from vendors is January 29, 2014 at 3:00 PM.**

The purpose of this addendum is to provide revised drawings showing additional work to be performed at the site. The attached revised pages (Demolition Plan: Sheet 3, and Site Plan: Sheet 4) replace equivalent sheets 3 and 4 of the original drawings found in the original Attachment 2 of the Invitation to Bid. There are no other changes on any of the remaining content of the original ITB Attachment 2. Changes to the plans include additional driveway being removed and replaced and pipe chases being installed under the front and back driveway.

**Acknowledgement of receipt and review of addendum:**

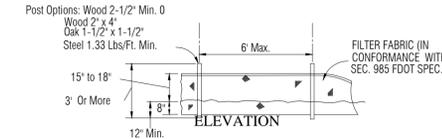
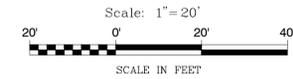
Firm Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_ Title: \_\_\_\_\_  
Typed/Printed Name: \_ \_\_\_\_\_



**LEGEND**

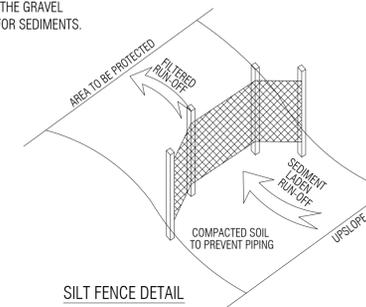
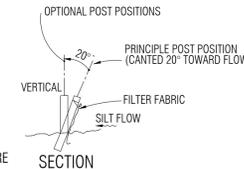
**SILT FENCE**

1. CONTRACTOR TO DESILT ALL PIPES PRIOR TO COMPLETION OF CONSTRUCTION OF PROJECT.
2. SILT FENCE SHOWN IS STRICTLY SCHEMATIC. FOR ILLUSTRATION ONLY. ALL FENCE TO BE WITHIN THE PROPERTY LINE OF THE PROJECT SITE.



**TEMPORARY CONSTRUCTION ENTRANCE**

1. THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. A GEOTEXTILE SHOULD BE INSTALLED TO IMPROVE STABILITY AND SIMPLY MAINTENANCE. THE GRAVEL SHALL THEN BE PLACED OVER THE GEOTEXTILE.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF MUD ONTO PUBLIC ROADS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, OR TRACKED FROM VEHICLES ONTO ROADWAYS MUST BE REMOVED IMMEDIATELY. LOOK FOR SIGNS OF TRUCKS AND TRAILERED EQUIPMENT CUTTING CORNERS WHERE THE GRAVEL MEETS THE ROADWAY. SWEEP THE PAVED ROAD DAILY FOR SEDIMENTS.
3. CONSTRUCTION SITE OPERATORS MUST CONTROL WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.



**EROSION AND SEDIMENT CONTROLS**

1. TEMPORARY EROSION CONTROL STRUCTURE SHALL BE UTILIZED DURING CONSTRUCTION OF AREAS ON-SITE WHERE UNSTABILIZED GRADES MAY CAUSE EROSION PROBLEMS. EROSION CONTROL STRUCTURES MAY BE REMOVED AFTER UPSLOPE HAS BEEN STABILIZED BY SOD OR COMPACTED AS DETERMINED BY THE CONTRACTOR.
2. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASES. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPEDIENCY IN LIEU OF PERMANENT MEASURES.
3. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICABLE TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BE THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OF THE INITIAL WORK AREA TO PROTECT THE PROJECT, ADJACENT PROPERTIES, AND WATER RESOURCES.
4. STORM WATER MANAGEMENT AREAS, STORM SEWER SYSTEM AND CONTROL STRUCTURES SHALL BE EXCAVATED TO ROUGH GRADE PRIOR TO BUILDING CONSTRUCTION OR PLACEMENT OF IMPERVIOUS SURFACE WITHIN THE AREA TO BE SERVED BY THE FACILITIES. TO PREVENT REDUCTION IN STORAGE VOLUME AND PERCOLATION RATE. ALL ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE STORM WATER FACILITIES PRIOR TO FINAL GRADING, STABILIZATION AND GRASSING.
5. EROSION CONTROL STRUCTURES, SUCH AS SILT FENCE AND BERMS, SHALL BE INSTALLED AROUND INLETS AND IN SWALES TO TRAP ERODED MATERIAL, PREVENT SEDIMENTATION IN DOWN STREAM AREAS AND KEEP RUNOFF VELOCITIES LOW.
6. THE CONTRACTOR SHALL MINIMIZE THE EXTENT OF AREA EXPOSE AT ANY ONE TIME AND THE DURATION OF EXPOSURE.
7. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED GRASS NO MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN ANY PORTION OF THE SITE THAT HAS CEASED.
8. THE CONTRACTOR WILL INSTALL A PERMANENT PROTECTIVE VEGETATIVE COVER FOR EROSION AND SEDIMENT CONTROL ON ALL LAND SURFACES DISTURBED BY CONSTRUCTION. THIS PROTECTIVE COVER MUST BE INSTALLED WITHIN FOURTEEN (14) DAYS AFTER FINAL GRADING OF THE EFFECTED LAND SURFACES. A PERMANENT VEGETATIVE COVER MUST BE ESTABLISHED WITHIN SIXTY (60) DAYS AFTER PLANTING OR INSTALLATION.
9. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
10. PLACEMENT OF BARRIERS OR NECESSARY REPAIRS TO BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.
11. MATERIAL FROM SEDIMENT TRAPS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATER COURSE BY RUNOFF OR HIGH WATER.
12. ANY ACCUMULATED SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEED.
13. TO PROVIDE DUST CONTROL, A CONTRACTOR SHALL PROVIDE A WATER TRUCK OR IRRIGATION SYSTEM AS NEEDED, TO MAINTAIN SOIL MOISTURE.
14. IF SITE SPECIFIC CONDITIONS REQUIRE ADDITIONAL MEASURES DURING ANY PHASE OF CONSTRUCTION OR OPERATION TO PREVENT EROSION OR CONTROL SEDIMENT, BEYOND THOSE SPECIFIED IN THE EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR MUST IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES AS NECESSARY, IN ACCORDANCE WITH THE SPECIFICATION IN SECTION 6 OF THE FLORIDA LAND DEVELOPMENT MANUAL, A GUIDE TO LAND AND WATER MANAGEMENT.

**B. PERMANENT STABILIZATION**

WHERE CONSTRUCTION IS COMPLETE, PERMANENT VEGETATION SHALL BE INSTALLED AS SPECIFIED ON THE CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATION DOCUMENT. PERMANENT VEGETATION WILL INCLUDE SOD OR SEED AND MULCH.

**STORM WATER MANAGEMENT SYSTEM**

THE STORMWATER RETENTION PONDS SHALL BE EXCAVATED TO ROUGH GRADE PRIOR TO BUILDING CONSTRUCTION OR PLACEMENT OF IMPERVIOUS SURFACES WITHIN THE DRAINAGE AREA SERVED BY THIS FACILITY. ALL ACCUMULATED SEDIMENT MUST BE REMOVED FROM THE RETENTION POND PRIOR TO FINAL GRADING, STABILIZING AND GRASSING.

**OTHER CONTROLS**

**A. OFF-SITE VEHICLE TRACKING**

PAVED STREETS ADJACENT TO THE CONSTRUCTION SITE ENTRANCE WILL BE SWEEP AS NEEDED TO PREVENT EXCESS MUD, DIRT, OR ROCK FROM LEAVING THE CONSTRUCTION SITE. ALL DUMP TRUCKS HAULING MATERIAL TO AND FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP. TEMPORARY STABILIZED OR ROCK CONSTRUCTION ENTRANCE MAY BE REQUIRED TO REMOVE EXCESS DIRT AND MUD FROM TIRES BEFORE CONSTRUCTION VEHICLES ENTER ADJACENT PAVED STREETS.

**TIMING OF SEDIMENT AND EROSION CONTROL MEASURES**

A SILT FENCE SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY. THE RETENTION PONDS AND THE STORM WATER CONVEYANCE SYSTEM SHALL BE CONSTRUCTED PRIOR TO THE PLACEMENT OF ANY IMPERVIOUS AREA. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14-DAYS SHALL BE STABILIZED WITH PERMANENT SEED AND MULCH. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN ANY AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH OR SOD. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WITHIN ANY CATCH BASIN, STORM PIPES OR RETENTION PONDS WILL BE REMOVED.

**NOTES:**

- 1) ALL STORMWATER INLETS TO HAVE AN EROSION CONTROL MEASURES APPLIED UPON THE COMPLETION OF THEIR INSTALLATION. THIS EROSION CONTROL MEASURE CAN BE A "SOCK" WITH ROCK BAGS THAT WILL NOT ALLOW FOR SEDIMENTS TO ENTER INTO THE INLETS AND ULTIMATELY ENTER INTO THE DRA. OTHER METHODS OF PROTECTION CAN BE OBTAINED FROM FDOT STANDARD INDEX 102, HOWEVER PLEASE NOTE THE USE OF HAY/STRAW BALES IS NOT PERMITTED, A SYNTHETIC BALE MAY BE USED INSTEAD.
- 2) TEMPORARY EROSION CONTROL STRUCTURE TO BE UTILIZED DURING CONSTRUCTION AT AREAS DESIGNATED BY ENGINEER OR AREAS ON-SITE WHERE UNSTABILIZED GRADES MAY CAUSE EROSION PROBLEMS. EROSION CONTROL STRUCTURE MAY BE REMOVED AFTER UPSLOPE AREA HAS BEEN STABILIZED BY SOD, OR COMPACTED AS DETERMINED BY CONTRACTOR.
- 3) ALTERNATE EROSION CONTROL STRUCTURE: WOVEN FILTER FABRIC SILT FENCE IN ACCORDANCE WITH FDOT INDEX #102. FILTER FABRIC IN ACCORDANCE WITH SECTION 985 OF THE FDOT STANDARD SPECIFICATIONS.

**EROSION CONTROL STRUCTURE**

THE FOLLOWING REPRESENTS A BASIC EROSION AND SEDIMENT CONTROL PROGRAM WHICH IS TO BE IMPLEMENTED TO HELP PREVENT OFF-SITE SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROJECT. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICAL TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BE THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OR THE INITIAL WORK AREA TO PROTECT THE PROJECT, ADJACENT PROPERTIES AND WATER RESOURCES. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPEDIENCY IN LIEU OF PERMANENT MEASURES. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. MATERIAL FROM SEDIMENT TRAPS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATERCOURSE BY RUNOFF OR HIGH WATER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEED.

REVISION	DATE	BY	NO.	DESCRIPTION

**LAKE COUNTY**  
**FIRE STATION #11**  
 SECTION 5, TOWNSHIP 17 SOUTH, RANGE 27 EAST  
**DEMOLITION PLAN**

DATE:	JULY 2013
DESIGNED BY:	CCH
DRAWN BY:	CCH
CHECKED BY:.	CCH
JOB NO.:	071082.0032
FILE NAME:	FIRESTA11

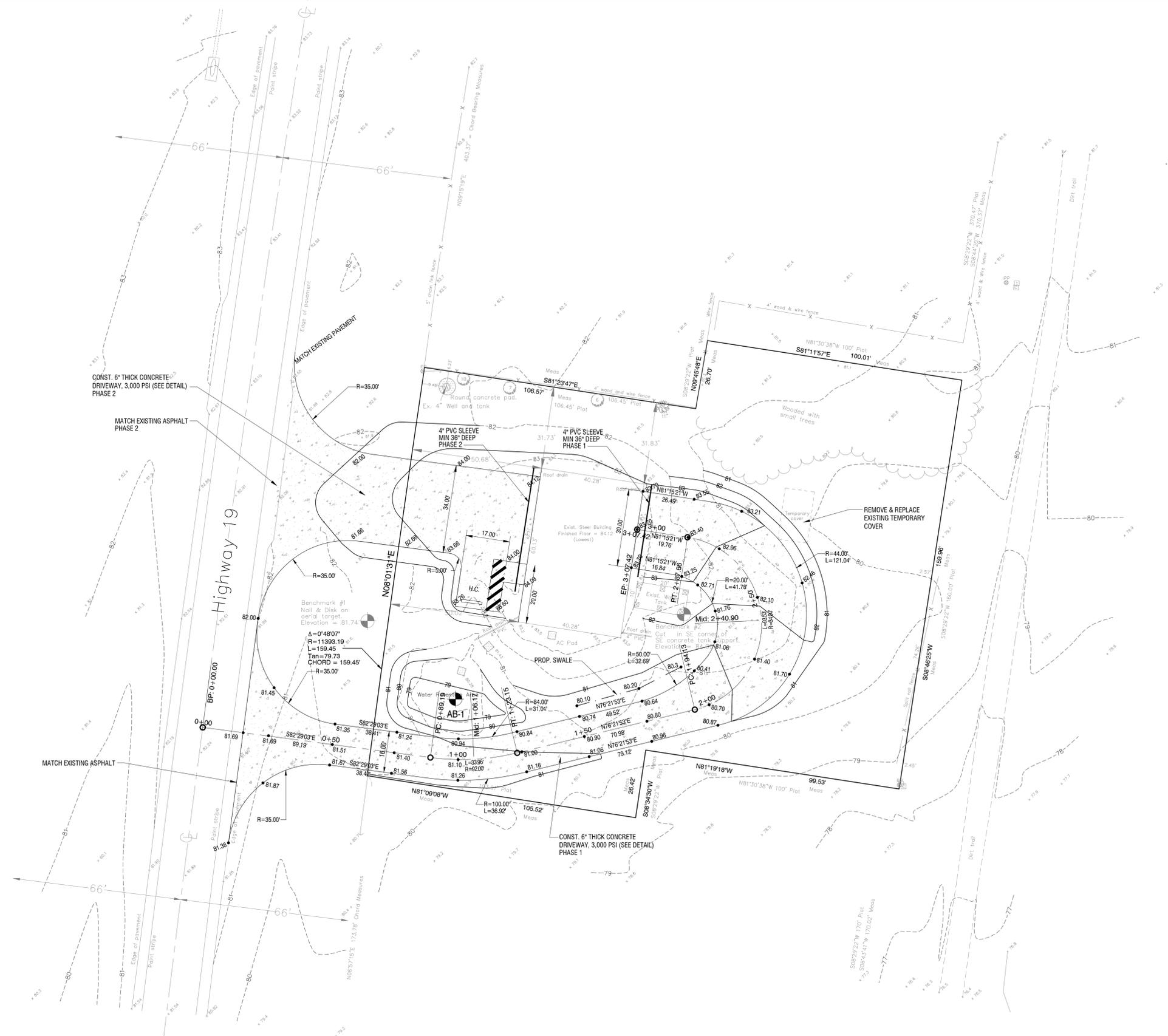
**Sheet 3**

**LAKE COUNTY**  
FLORIDA

CHARLES C. HIOTT, PE  
Registered Eng 54813



Scale: 1" = 20'  
 20' 0' 20' 40'  
 SCALE IN FEET



**LAND USE DATA**

EXISTING FLUM.....CONSERVATION  
 EXISTING ZONING.....A  
 TOTAL AREA OWNED.....0.76 ACRES OR 32,981 SF  
 LIMITS OF CONSTRUCTION AREA.....0.76 ACRES OR 32,981 SF

**ADJACENT ZONING:**

NORTH..... A  
 SOUTH..... A  
 EAST..... A  
 WEST..... A

**FLUM:**

NORTH..... RURAL  
 SOUTH..... RURAL  
 EAST..... CONSERVATION  
 WEST..... RURAL

**SETBACKS:**

FRONT..... 50' (FACING SR 19)  
 SIDE..... 25'  
 REAR..... 10'

PROPOSED USE: REMOVE EXISTING ASPHALT MILLINGS AND CONSTRUCT NEW CONCRETE DRIVEWAY.

ALTERNATE KEY NUMBER: 1246555

BUILDING HEIGHT.....35' MAX

EXISTING PARKING = 4

PARKING PROVIDED = 4

WASTE MANAGEMENT ..... ROAD SIDE PICK UP

UTILITIES ..... WELL AND SEPTIC

FIRE PROTECTION..... NO FIRE PROTECTION ON SITE

STORMWATER PERMIT WILL BE FDEP SELF CERTIFICATION

STORMWATER REQUIRED

REQUIRED = 0.76\*1/12 = 2,759 CF  
 PROVIDED = 2,875 CF

SOIL TYPE.....(LaB) LAKE SAND, HSG 'A'  
 WELANDS / CONSERVATION .....0.00 SF  
 EXISTING PAVEMENT / SIDEWALK .....6,989 SF  
 EXISTING BUILDING.....2,422 SF  
 EXISTING FLOOR AREA RATIO.....0.07  
 EXISTING IMPERVIOUS SURFACE RATIO.....0.29  
 EXISTING GRASS/OPEN SPACE.....23,570 SF (71%)

PROPOSED PAVEMENT.....6,897 SF  
 EXISTING SIDEWALK & PAVEMENT TO REMAIN...3,831 SF  
 TOTAL PROPOSED IMPERVIOUS.....13,150 SF  
 PROPOSED IMPERVIOUS SURFACE RATIO.....0.40  
 PROPOSED GRASS/OPEN SPACE.....19,831 SF (60%)

**NOTES:**

1. ALL STRIPING TO BE LEAD FREE THERMOPLASTIC INSTALLED PER SECTION 711, F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. DETECTABLE WARNING STRIPS TO BE INSTALLED PER F.D.O.T. STANDARD INDEX NO. 304 AND SECTION 527, F.D.O.T. STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
3. ENTIRE LOT TO BE GRADED TO MATCH SITE PLAN, AS NEEDED. BAHIA SOD TO BE INSTALLED IN ALL AREAS DISTURBED AND ANY OTHER AREAS WITH OUT GRASS.
4. ALL DEBRIS, BRANCHES, AND TRASH NEEDS TO BE DISPOSED OF.
5. GRIND ALL STUMPS IF ANY TREES ARE REMOVED A MINIMUM OF 8" BELOW FINISHED GRADE.

DATE	REVISION	DESCRIPTION
1-7-14	1	REVISED EXISTING ENTRANCE

**LAKE COUNTY**  
**FIRE STATION #11**  
 SECTION 5, TOWNSHIP 17 SOUTH, RANGE 27 EAST  
**SITE PLAN**

**BOOTH BERN STRAUGHAN HIOTT, INC.**  
 ENGINEERS • SURVEYORS • LAND PLANNERS  
 350 North Sinclair Ave.  
 Awarua, Florida 32778  
 www.bsah.com  
 Office: 853.343.8481  
 Fax: 853.343.8485  
 Certificate of Authorization Number: 27029

DATE:	JULY 2013
DESIGNED BY:	CCH
DRAWN BY:	CCH
CHECKED BY.:	CCH
JOB NO.:	071082.0032
FILE NAME:	FIRESTA11
<b>Sheet 4</b>	



CHARLES C. HIOTT, PE  
 Registered Eng 54813