SITE DEVELOPMENT PLANS

FOR

GHANEM U.S.41

CLEARING AND EARTHWORK ONLY

15805 S TAMIAMI TRAIL
LEE COUNTY, FLORIDA

****FINAL INSPECTION REQUIRED****
At the completion of the improvements, please submit a Letter of Substantial Compliance to schedule a Final Inspection.

Development Order Approval does not vest nor guarantee that changes will not be required, if subsequent changes are made to the Uniform Lee County Fire Code.

LEE COUNTY DOT RIGHT-OF-WAY PERMIT REQUIRED

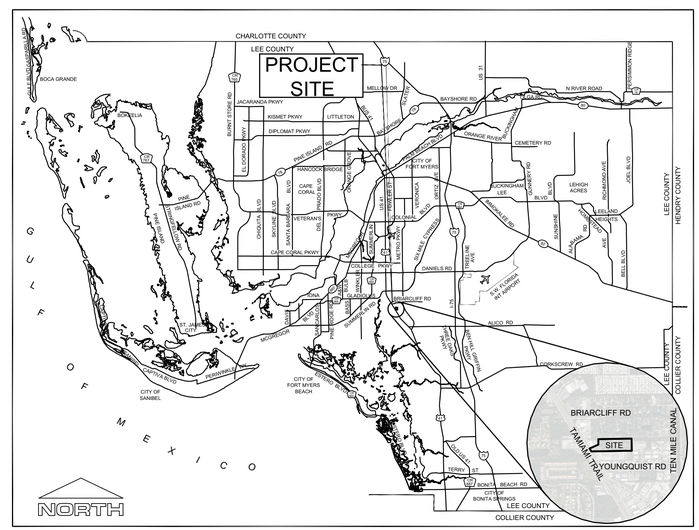
Please Note: Final Development Order does not confer approval for signage

VEGETATION PERMIT REQUIRED PRIOR TO ANY SITE WORK
Protective barricades must be constructed and inspected prior to permit issuance. Please contact Division of Environmental Sciences (239) 533-8389.

OWNER :

YELLOWSTONE PROPERTY DEVELOPER
6150 DIAMOND CENTER CT # 100
FORT MYERS, FL 33912

LOCATION MAP



SHEET INDEX

SITE DEVELOPMENT: SD

SD-01	COVER SHEET
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ATTACHEMENTS

BOUNDARY SURVEY

APPROVED
DOS2020-00080
Tom Sawtell, Plan Reviewer
Lee County Development Services
10/23/2020

SITE PERMIT REQUIREMENTS

AGENCY	STATUS	NOTES
LEE COUNTY DEVELOPMENT ORDER	REQUIRED	
LEE COUNTY UTILITY	N/A	
S.F.W.M.D. ENVIRONMENTAL RESOURCE	N/A	
S.F.W.M.D. WATER USE	N/A	

REV	REVISION	DATE
2	LEE COUNTY COMMENTS	10/8/20
1	LEE COUNTY COMMENTS	8/13/20

LEE COUNTY, FLORIDA

SECTION 36, TOWNSHIP 45S, RANGE 24E
STRAP # 36-45-24-00-00011.0030
QAI PROJECT #190901

CONTRACTOR STAKEOUT SHALL BE FROM THE APPROVED CAD FILE BY QUATTRONE AND ASSOCIATES

This Item Has Been Electronically Signed By Alfred J. Quattrone, P.E. Using SHA-1 Authentication Code. Printed Copies of This Document Are Not Considered Signed and Sealed and the SHA-1 Authentication Code Must be Verified on Any Electronic Copies.
ALFRED QUATTRONE, P.E.
FL. REG #52741
DATE:

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DOS2020-00080 Lee County ePlan

EXISTING CONDITION LEGEND:

TYPICAL ITEMS

- x 7.26 — EXISTING TOPO ELEV.
- EASEMENTS
- SURVEYOR'S BENCH MARK AND OR CONTROL POINT
- EXISTING WETLANDS
- CENTER LINE
- EXST.FEATURES (ROADS, WALKS, ECT.)
- RIGHT OF WAY
- SITE BOUNDARY
- LOT LINE

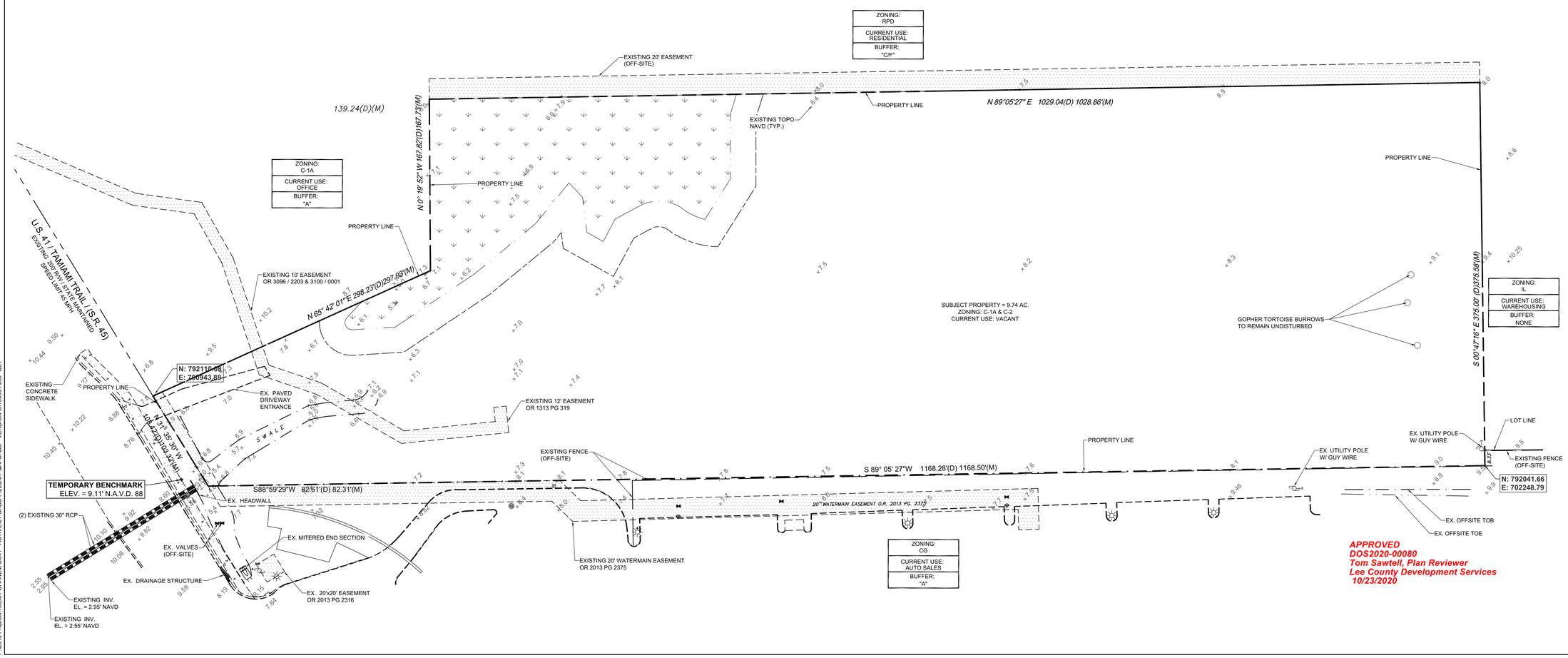
EXISTING CONDITIONS ARE BASED ON INFORMATION PROVIDED BY
LEE COUNTY ENGINEERING, INC.
P.O. BOX 07101
FORT MYERS, FL. 33919
(239) 768-0077

VERTICAL DATUM: NAVD

THIS DRAWING AND ALL ELEVATIONS SHOWN ARE BASED ON THE NATIONAL AMERICAN VERTICAL DATUM (NAVD 88)
CONVERT TO NGVD 29 ADD: 1.16'

N

0' 50' 100'
PLAN VIEW SCALE



APPROVED
DOS2020-00080
Tom Sawtell, Plan Reviewer
Lee County Development Services
10/23/2020

#	DATE	COMMENT	
2	10-08-2020	LEE COUNTY COMMENTS	MMA
1	09-17-2020	LEE COUNTY COMMENTS	MMA

GHANEM U.S. 41
EXISTING CONDITIONS PLAN
15805 S TAMIAMI TRAIL,
FORT MYERS, FL 33908

Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
4301 Veronica Shoemaker Blvd - Fort Myers, Florida 33916 - 239-936-5222
Certificate of Authorization Number: 9465

ALFRED QUATTRONE, P.E.
FL. REG #52741
VALID ONLY WITH STAMPED SEAL

SAVED BY: Mark
SAVED ON: 10/13/20

SHEET
SD-02
02 OF 07

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DOS2020-00080 Lee County ePlan

FLUCCS DESCRIPTION:

140	COMMERCIAL (VACANT)	1.33 AC. (13.66^)
1895	GOLF DRIVING RANGE (ABANDONED)	4.17 AC. (42.81%)
420	UPLAND HARDWOOD FOREST	0.60 AC. (6.16%)
422 H	BRAZILIAN PEPER (HYDRIC)	0.43 AC. (4.41%)
438	MIXED UPLANDS HARDWOODS	1.76 AC. (18.07%)
630	MIXED WETLAND FOREST	0.51 AC. (5.24%)
740	DISTURBED LANDS	0.94 AC. (9.65%)

(APPROXIMATED AREAS & SCALE)

N

0' 50' 100'

PLAN VIEW SCALE

FLUCCS LEGEND:

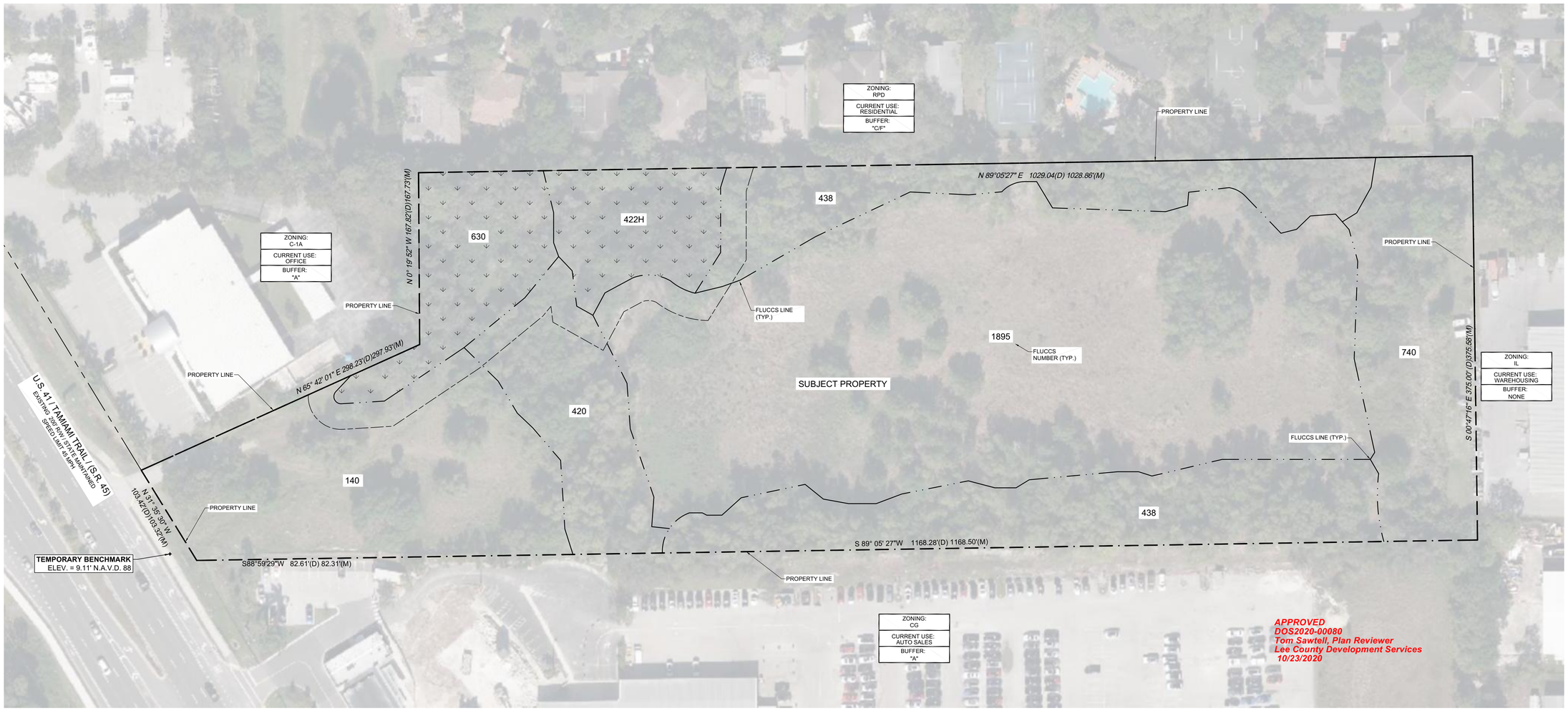
FLUCCS LINES

PROPERTY LINE

EXISTING WETLANDS

VERTICAL DATUM: NAVD

THIS DRAWING AND ALL ELEVATIONS SHOWN ARE BASED ON THE NATIONAL AMERICAN VERTICAL DATUM (NAVD 88)
CONVERT TO NGVD 29 ADD: 1.16'



	DATE	COMMENT	
2	10-08-2020	LEE COUNTY COMMENTS	MMA
1	08-12-2020	LEE COUNTY COMMENTS	MMA

GHANEM U.S. 41
AERIAL & FLUCCS PLAN
15805 S TAMIAMI TRAIL,
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SAVED BY: Mark
SAVED ON: 10/13/20

SHEET
SD-03
03 OF 07

P:\2019 Projects\190901 GHANEM US41 - ACTIVE\01-CADD FILES\01-QA CADD - VERSION C\190901 SDP SET

STORM WATER POLLUTION PREVENTION LEGEND:

- EX. SURFACE HYDROLOGY
- PRO. SURFACE HYDROLOGY
- INLET FABRIC PROTECTIONS
- STAKED SYNTHETIC STRAW BALE AT INLETS
- SYNTHETIC STRAW BALE
- STAKED SILT FENCE
- FLOATING TURBIDITY BARRIER

BERM NOTE:

THE 2' WIDE EROSION CONTROL BERM INCLUDING BACK OF SLOPE MUST BE SODDED IN ORDER TO ENSURE STABILIZATION. ALL OTHER FILL AREA TO BE SEEDED OR SODDED.

STORM WATER POLLUTION PREVENTION NOTES:

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, CHAPTER 17-25-FAC AND THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT.

WETLANDS/BUFFERS

NO WETLANDS OR BUFFERS ARE ASSOCIATED WITH THIS PROJECT.

SWPPP INTENT

THE INTENT OF THIS SWPPP IS TO COMPLY WITH THE INTENT OF THE GENERIC PERMIT AND TO PREVENT THE RELEASE OF SOILS, TRASH, CHEMICALS, TOXINS AND OTHER POLLUTANTS, BY WATER , AIR, VEHICLE TRANSPORT OR OTHER MEANS THAT CAN IMPACT STORM WATER QUALITY. THE CONTRACTOR SHALL OBTAIN A COPY OF THE GENERIC PERMIT AND RETAIN ON-SITE FOR FUTURE REFERENCE. THE CONTRACTOR SHALL READ AND UNDERSTAND THE PERMIT, AND ENSURE THAT THE BMP'S ARE INSTALLED AND THE EXECUTION OF THE WORK IS PERFORMED TO MEET THE INTENT OF THE GENERIC PERMIT AND THE SWPPP.

POTENTIAL SOURCES OF POLLUTION

THE POTENTIAL SOURCES OF POLLUTION THAT MAY REASONABLY BE EXPECTED TO AFFECT THE QUALITY OF STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY INCLUDE: SEDIMENT, PESTICIDES, FERTILIZER, PLASTER, CLEANING SOLVENTS, ASPHALT, CONCRETE, GLUE, ADHESIVES, PAINTS, CURING COMPOUNDS, WOOD PRESERVATIVES, HYDRAULIC OIL FLUIDS, GASOLINE, DIESEL FUEL AND KEROSENE.

GENERAL NOTES

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILE "NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES" (DEP FORM 62-621.300(4)(B) OR LATEST VERSION) TO FDEP TO THE FOLLOWING ADDRESS OR THROUGH THE FDEP ON-LINE SYSTEM AT LEAST TWO (2) DAYS BEFORE COMMENCEMENT OF CONSTRUCTION:

NPDES STORMWATER NOTICES CENTER, MS #2510 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, 2600 BLAIR STONE ROAD, TALLAHASSEE, FLORIDA 32399-2400

THE CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (NOT) WITHIN 14 CALENDAR DAYS AFTER THE SITE HAS ACHIEVED FINAL STABILIZATION (I.E. ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINAL STABILIZED). TEMPORARY BMPS HAVE BEEN REMOVED, AND STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE AUTHORIZED BY THE PERMIT HAVE BEEN ELIMINATED.

MS4 OPERATOR NAME (IF ANY): LEE COUNTY

THE CONTRACTOR SHALL PROVIDE A COPY OF THE NOI AND SUBSEQUENT NOT OR THE ACKNOWLEDGEMENT LETTERS FOR THE NOI OR NOT TO THE MS4 WITHIN 7 DAYS OF RECEIPT. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE MS4 TO ENSURE THAT ALL SPECIFIC REQUIREMENTS ARE MET.

B. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:

I. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
II. NEW AND EXISTING STORMWATER INLETS AND OUTFALL STRUCTURES SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED IMMEDIATELY AS REQUIRED DURING THE VARIOUS STAGES OF CONSTRUCTION.
III. PERIMETER EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL FINAL SITE STABILIZATION HAS BEEN ESTABLISHED.

E. THE CONTRACTOR SHALL FURNISH, INSTALL PER THE SEQUENCE OF CONSTRUCTION, MAINTAIN AND SUBSEQUENTLY REMOVE, ALL NECESSARY TEMPORARY BMPS. THE CONTRACTOR WILL FURNISH AND INSTALL ALL NECESSARY PERMANENT BMPS.

F. THE CONTRACTOR SHALL ADJUST, ADD OR MODIFY BMPS AS NECESSARY TO COMPLY WITH THE INTENT OF THE GENERIC NPDES PERMIT AND THE SWPPP FOR NO ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL CONSULT WITH THE CEC PRIOR TO ADJUSTING, ADDING OR MODIFYING BMPS THAT AFFECT THE HYDRAULICS OF THE SITE OR BEFORE ADDING BMPS NOT DETAILED IN THE SWPPP.

G. THE CONTRACTOR IS ADVISED THAT THE CONTRACT DRAWINGS ONLY INDICATE EROSION, SEDIMENT, AND TURBIDITY CONTROLS AT LOCATIONS DETERMINED IN THE DESIGN PROCESS. HOWEVER, THE CONTRACTOR IS REQUIRED TO PROVIDE ANY ADDITIONAL CONTROLS NECESSARY TO PREVENT THE POSSIBILITY OF SILTING ANY ADJACENT LOWLAND PARCEL OR RECEIVING WATER.

H. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. THE EROSION CONTROL SYSTEM DESCRIBED WITHIN THE CONSTRUCTION DOCUMENTS SHOULD BE CONSIDERED TO REPRESENT THE MINIMUM ACCEPTABLE STANDARDS FOR THIS PROJECT. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DEPENDENT UPON THE STAGE OF CONSTRUCTION, THE SEVERITY OF THE RAINFALL EVENT AND/OR AS DEEMED NECESSARY AS A RESULT OF ON-SITE INSPECTIONS BY THE OWNER, THEIR REPRESENTATIVES, OR THE APPLICABLE JURISDICTIONAL AUTHORITIES. THESE ADDITIONAL MEASURES (IF NEEDED) SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE OWNER. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BEST MANAGEMENT PRACTICES (BMPS). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN FDOT INDEXES #100 THROUGH #102 AND AS NECESSARY FOR EACH SPECIFIC APPLICATION. IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO ASSURE THAT THE STORMWATER DISCHARGE FROM THE SITE DOES NOT EXCEED THE TOLERANCES ESTABLISHED BY ANY OF THE APPLICABLE JURISDICTIONAL AUTHORITIES.

I. THE CONTRACTOR SHALL KEEP THE SWPPP CURRENT AT ALL TIMES. THE CONTRACTOR SHALL SIGN AND DATE ANY CHANGES TO THE SWPPP AND KEEP THEM AS ATTACHMENTS TO THE ORIGINAL PLAN. WHENEVER ANY OF THE FOLLOWING EVENTS OCCUR, THE CONTRACTOR SHALL UPDATE THE SWPPP WITHIN 7 DAYS:
I. THERE IS A CHANGE IN DESIGN, CONSTRUCTION OPERATION OR MAINTENANCE THAT HAS A SIGNIFICANT EFFECT ON THE DISCHARGE FROM THE PROJECT
II. THERE IS A NEW DISCHARGE POINT OUR OUTFALL
III. THERE IS A CHANGE IN THE LOCATION OF A DISCHARGE POINT OF OUTFALL
IV. AN INSPECTION REVEALS THAT BMPS ARE INEFFECTIVE AT ELIMINATING OR MINIMIZING POLLUTANTS IN THE STORMWATER DISCHARGED FROM THE SITE.
V. THERE IS A NEW SUBCONTRACTOR IMPLEMENTING ANY PORTION OF THE SWPPP
VI. A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR GREATER THAN A REPORTABLE QUANTITY OCCURS DURING A 24-HOUR PERIOD

J. THE CONTRACTOR SHALL ENSURE THAT THE CONTRACTOR AND ALL SUBCONTRACTORS RESPONSIBLE FOR IMPLEMENTING SWPPP CONTROL MEASURES FILL OUT THE CONTRACTOR / SUBCONTRACTOR CERTIFICATION TABLE INCLUDED IN THIS SWPPP.

K. THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION SEQUENCE TABLE INCLUDING IN THIS SWPPP PRIOR TO PROCEEDING WITH THE INSTALLATION OF BMPS AND PRIOR TO GROUND DISTURBING ACTIVITIES. THE CONTRACTOR SHALL COMPLETE THE TABLE WITH ANTICIPATED DATES IN WHICH THE BMP WILL BE UTILIZED OR THE ACTIVITY WILL OCCUR.

DUST CONTROL

A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.

B. AS REQUIRED AFTER COMPLETION OF CONSTRUCTION, BARE EARTH AREAS SHALL BE VEGETATED.

C. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS MAY INCLUDE ERECTION OF DUST CONTROL FENCES. IF REQUIRED, DUST CONTROL FENCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL FOR A SILT FENCE EXCEPT THE MINIMUM HEIGHT SHALL BE 4 FEET.

WASTE MANAGEMENT

A. THE CONTRACTOR SHALL ENSURE THAT ALL WASTE AND DEBRIS ARE MANAGED DAILY SUCH THAT THEY WILL NOT IMPACT STORMWATER OR LEAVE THE PERMITTED AREA, AND DISPOSED OF PROPERLY IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.

B. THE CONTRACTOR SHALL ENSURE THAT ALL CHEMICALS, OILS, FUELS, HAZARDOUS WASTE, UNIVERSAL WASTE AND TOXIC SUBSTANCES ARE PROPERLY MANAGED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL ENSURE THAT WASTE IS NOT DISCHARGED FROM THE SITE, AND DOES NOT IMPACT STORMWATER OR GROUNDWATER.

C. THE CONTRACTOR SHALL PROVIDE APPROPRIATE AND ADEQUATE WASHOUT FACILITIES TO ENSURE THAT CHEMICALS AND WASTE IS NOT DISCHARGED FROM THE SITE, AND DO NOT IMPACT STORMWATER OR GROUNDWATER. (E.G. CONCRETE/MASONRY WASHOUT, PAINT WASHOUT, EIFS, ETC.). THE CONTRACTOR SHALL CLEAN UP SPILLS PROMPTLY AND ENSURE THAT WASHOUT AREAS ARE PROPERLY MAINTAINED TO PROVIDE ADEQUATE VOLUME TO PREVENT OVERFLOW.

D. THE CONTRACTOR SHALL PROVIDE ADEQUATE SANITARY FACILITIES FOR SITE PERSONNEL, MAINTAIN THROUGHOUT CONSTRUCTION, AND PROVIDE FOR PROPER DISPOSAL IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. SANITARY FACILITIES SHALL BE PROPERLY SECURED TO PREVENT TIPPING.

E. A SPILL CONTROL AND CONTAINMENT KIT (CONTAINING FOR EXAMPLE, ABSORBENT MATERIAL SUCH AS KITTY LITTER OR SAWDUST, ACID, BASE, NEUTRALIZING AGENT, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, PLASTIC AND METAL TRASH CONTAINERS, ETC.) SHALL BE PROVIDED AT THE CONSTRUCTION SITE AND IT'S LOCATION(S) SHALL BE IDENTIFIED WITH LEGIBLE SIGNAGEAND SHOWN ON THE SITE MAPS.
A. THE SPILL CONTROL AND CONTAINMENT KIT SHALL BE OF SUFFICIENT QUANTITIES AND APPROPRIATE CONTENT TO CONTAIN A SPILL FROM THE LARGEST ANTICIPATED PIECE OF EQUIPMENT AND FROM THE LARGEST ANTICIPATED QUANTITIES OF PRODUCTS STORED ON THE SITE AT ANY GIVEN TIME.
B. CONTENTS SHALL BE INSPECTED DURING THE STORMWATER INSPECTION.

F. WHEN A SPILL OF REPORTABLE QUANTITIES IS DISCOVERED ON THE SITE, THE CONTRACTOR SHALL CLEAN UP ALL SPILLED MATERIALS AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITIES IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. THE OWNER AND PROJECT ENGINEER. THE CONTRACTOR SHALL RETAIN CLEANUP INFORMATION AS WELL AS DISPOSAL MANIFESTS WITH THEIR SWPPP.

NOTE:
CONTRACTOR SHALL PAY CLOSE ATTENTION WHEN CLEARING AND/OR GRADING THE SITE TO ENSURE THAT WHEN EXISTING ROOTS ARE ENCOUNTERED THEY ARE CUT OFF EVENLY WITH CLEAN SHARP PRUNING TOOLS. CONTRACTOR SHALL BE RESPONSIBLE FOR MINIMIZING THE DAMAGE OF THE EXISTING ROOT SYSTEMS.

MATERIALS MANAGEMENT, AND EQUIPMENT STAGING AND MAINTENANCE

A. EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR STORM WATER RUNOFF. STOCKPILED MATERIAL SHALL BE COVERED OR ENCIRCLED WITH SEDIMENT CONTAINMENT DEVICES.

B. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN, SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OR OIL, GREASE, LUBRICANTS, OR OTHER CONTAMINANTS. CONTRACTOR SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS IMMEDIATELY AFTER ANY OCCURRENCE.

C. THE CONTRACTOR SHALL ENSURE THAT ALL TOXIC / HAZARDOUS SUBSTANCES AND CHEMICALS ARE PROPERLY STORED, OUT OF THE WEATHER, AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL ENSURE THAT THESE PRODUCTS ARE STORED AND USED IN SUCH A MANNER THAT WILL NOT NEGATIVELY IMPACT STORMWATER, GROUNDWATER OR PROTECTED SPECIES.

D. THE CONTRACTOR SHALL ENSURE THAT ALL MATERIALS, EQUIPMENT, DEBRIS, WASTE, TRAILERS, AND OTHER SUPPORT RELATED ITEMS ARE CONTAINED WITHIN THE PERMITTED LIMITS OF DISTURBANCE. THE CONTRACTOR SHALL ENSURE THAT THE STORAGE AND USE OF SUCH ITEMS DOES NOT NEGATIVELY IMPACT STORMWATER OR GROUNDWATER.

OFFSITE VEHICLE TRACKING

A. THE CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION EXIT IS USED BY ALL VEHICLES AND EQUIPMENT ENTERING OR LEAVING THE JOBSITE. THE CONTRACTOR SHALL MONITOR AND MAINTAIN THE CONSTRUCTION EXIT TO ENSURE THAT NO SOILS ARE TRACKED OFFSITE BY TIRES OR TRACKS, AND THAT NO SOILS ARE SPILLED BY TRUCKS OR EQUIPMENT LEAVING THE SITE. ALL TRACKED OR SPILLED SOILS SHALL BE SHOVELED OR SWEPT FROM THE ROADWAY AND RETURNED TO THE SITE. WATER SHALL NOT BE USED TO CLEAN THE SOILS FROM THE ROADWAY UNLESS THE WATER AND SOILS ARE RECOVERED BY THE USE OF A VACUUM TRUCK OR SIMILAR DEVICE.

FERTILIZERS, HERBICIDES AND PESTICIDES

A. THE CONTRACTOR SHALL ENSURE THAT ALL FERTILIZERS, HERBICIDES, PESTICIDES AND SIMILAR PRODUCTS ARE PROPERLY STORED, OUT OF THE WEATHER, AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL ENSURE THAT THESE PRODUCTS ARE USED IN SUCH A MANNER THAT WILL NOT NEGATIVELY IMPACT STORMWATER, GROUNDWATER OR PROTECTED SPECIES.

B. NUTRIENTS SHALL BE APPLIED ONLY AT RATES NECESSARY TO ESTABLISH AND MAINTAIN VEGETATION.

INSPECTIONS AND MAINTENANCE

A. THE CONTRACTOR SHALL INSPECT BMPS (I.E. DISCHARGE LOCATIONS, CONSTRUCTION EXIT, PERIMETER CONTROLS, INLET PROTECTION, STABILIZATION, EROSION CONTROL, DOCUMENTATION, WASTE DISPOSAL AREAS, MATERIAL STORAGE AREAS, ETC.) TO ENSURE THAT BMPS ARE NOT CAUSING OR CONTRIBUTION TO VIOLATIONS OF WATER QUALITY STANDARDS OR RESULTING IN OFFSITE SEDIMENTATION; ENSURE THAT BMPS ARE INSTALLED, MAINTAINED AND OPERATING CORRECTLY AND EFFECTIVELY; ENSURE THAT BMPS ASSOCIATED WITH STORAGE AND WASTE DISPOSAL AREAS ARE BEING USED AND MAINTAINED PROPERLY; ENSURE THAT THE CONSTRUCTION EXIT IS FUNCTION PROPERLY TO PREVENT OFFSITE TRACKING OF SEDIMENT; ENSURE THAT EROSION PREVENTION MEASURES ARE MAINTAINED TO PREVENT VISIBLE EROSION OF DISTURBED AREAS AND SEDIMENTATION AT THE DISCHARGE POINTS; AND DETERMINE IF CONSTRUCTION ACTIVITIES HAVE ALTERED THE EFFECTIVENESS OF BMPS. INSPECTIONS MUST BE COMPLETED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS, AND WITHIN 24 HOURS AFTER A RAINSTORM OF 0.50 INCHES OR GREATER EVEN IF IT RAINS ON THE WEEKEND OR A HOLIDAY.

B. THE CONTRACTOR SHALL REPORT ALL INSPECTION FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION USING THE STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM PROVIDED BY FDEP OR AN EQUIVALENT FORM. INSPECTION REPORTS SHALL BE SIGNED BY THE INSPECTOR AND A RESPONSIBLE AUTHORITY AS DEFINED BY THE PERMIT. INSPECTION REPORTS SHALL BE MAINTAINED WITH THE SWPPP. THE INSPECTOR MUST BE A QUALIFIED EROSION AND SEDIMENT CONTROL INSPECTOR AS DEFINED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

C. ANY MAINTENANCE, REPAIR AND NECESSARY REVISIONS TO BMP ITEMS SHALL BE ADDRESSED IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION OR IDENTIFICATION OF THE ISSUE UNLESS OTHERWISE SPECIFIED, ACCUMULATED SEDIMENTS SHOULD BE REMOVED BEFORE THEY REACH ONE-HALF OF THE CAPACITY OF THE CONTROL DEVICE.

ALLOWABLE NON-STORMWATER DISCHARGES

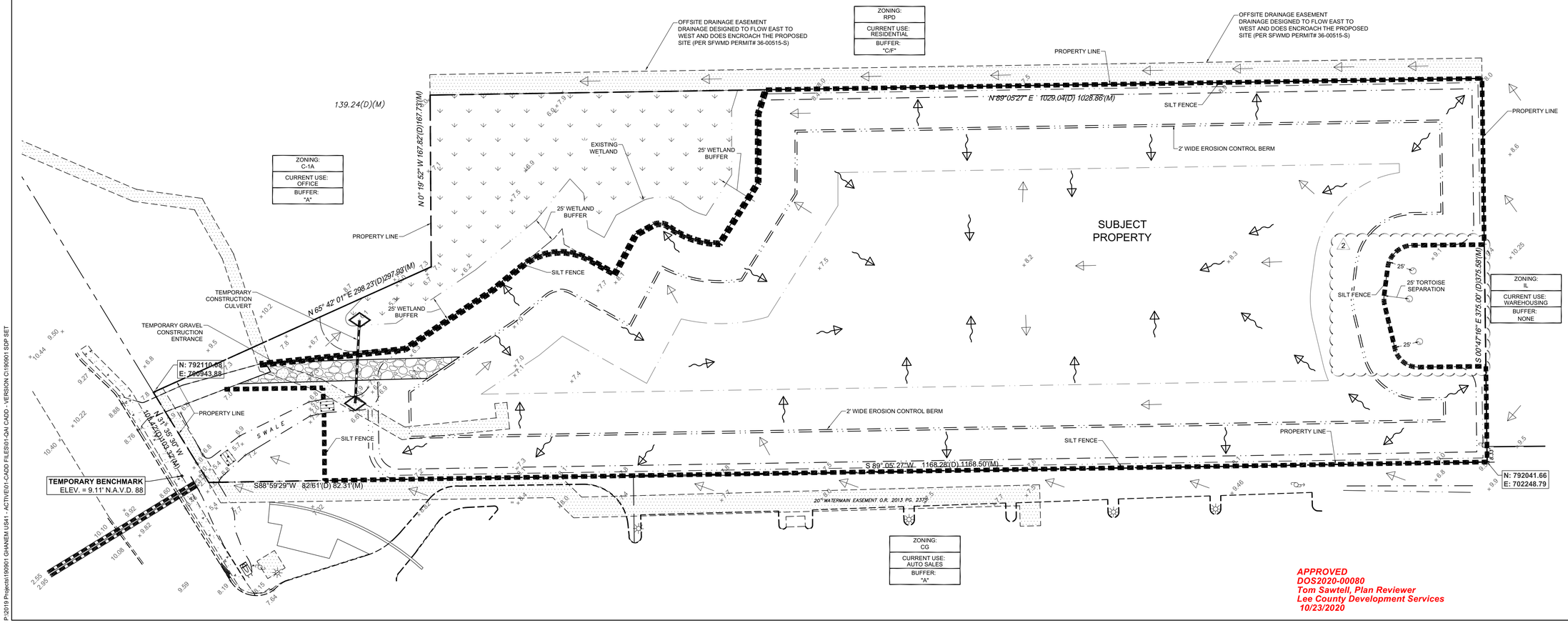
THE GENERIC PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES PROHIBIT MOST NON-STORMWATER DISCHARGES DURING THE CONSTRUCTION PHASE. CERTAIN DISCHARGES ARE ALLOWED BY THE PERMIT, PROVIDED APPROPRIATE BMP'S ARE UTILIZED AND THE DISCHARGE DOES NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS. ALLOWABLE NON-STORMWATER DISCHARGES THAT OCCUR DURING CONSTRUCTION ON THIS PROJECT PER PART 3.2 OF THE GENERIC PERMIT ARE:
DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
FIRE HYDRANT FLUSHINGS.
WATERS WITHOUT DETERGENTS USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES.
WATERS USED TO CONTROL DUST.
POTABLE WATER SOURCES SUCH AS WATERLINE FLUSHINGS.
LANDSCAPE IRRIGATION AND DRAINAGE.
ROUTINE EXTERNAL BUILDING WASHDOWN PROVIDED NO DETERGENTS ARE USED.
PAVEMENT WASHWATERS THAT DO NOT CONTAIN DETERGENTS, LEAKS, SPILLS OF TOXIC OR HAZARDOUS MATERIALS.
AIR CONDITIONING CONDENSATE.
SPRING WATER.
FOUNDATION OR FOOTING DRAIN FLOWS THAT ARE NOT CONTAMINATED WITH PROCESS MATERIAL SUCH AS SOLVENTS.
NONCONTAMINATED GROUND WATER ASSOCIATED WITH DEWATERING ACTIVITIES AS DESCRIBED IN PART 3.4 OF THE GENERIC PERMIT.

RETENTION OF RECORDS

THE PERMITTEE SHALL RETAIN COPIES OF STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION (NOT) IS SUBMITTED.

REFERENCES

THE CONSTRUCTION PLANS AND SPECIFICATIONS FOR JOB #190901 AS PREPARED BY QAI, ON ARE HEREBY REFERENCED AND MADE A PART OF THIS PLAN.



APPROVED
DOS2020-00080
Tom Sawtell, Plan Reviewer
Lee County Development Services
10/23/2020

#	DATE	COMMENT
2	10-08-2020	LEE COUNTY COMMENTS
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MMA
MMA

GHANEM U.S. 41
EROSION CONTROL & EXISTING HYDROLOGY PLAN

15805 S TAMIAMI TRAIL,
FORT MYERS, FL 33908

Quattrone & Associates, Inc.
Engineers, Planners, & Development Consultants
4301 Veronica Shoemaker Blvd - Fort Myers, Florida 33916 - 239-936-5222
Certificate of Authorization Number: 9465

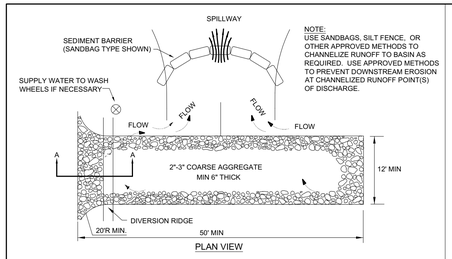
ALFRED QUATTRONE, P.E.
FL. REG #52741
VALID ONLY WITH STAMPED SEAL

SAVED BY: Mark
SAVED ON: 10/13/20

SHEET
SD-04
04 OF 07

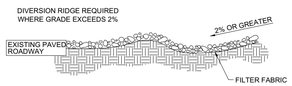
P:\2019 Projects\190901 GHANEM US41 - ACTIVE\01-CADD FILES\01-QAI CADD - VERSION C\190901 SDP SET

DOS2020-00080 Lee County ePlan



NOTE:
USE SANDBAGS, SILT FENCE, OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED. USE APPROVED METHODS TO PREVENT DOWNSTREAM EROSION AT CHANNELIZED RUNOFF POINT(S) OF DISCHARGE.

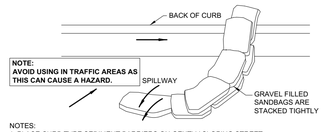
PLAN VIEW



SECTION A-A

NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, THIS MAY REQUIRE TOP DRESSING REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

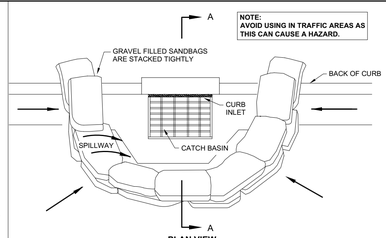
TEMPORARY CONSTRUCTION EXIT DETAIL
N.T.S.



NOTE:
AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.

NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. TAPER TO ONE SANDBAG TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AS NECESSARY. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB LINE PROTECTION DETAIL
N.T.S.



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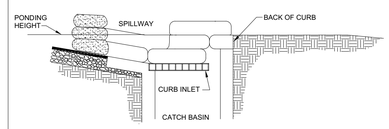
PLAN VIEW



SECTION A-A

NOTES:
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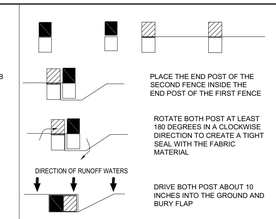
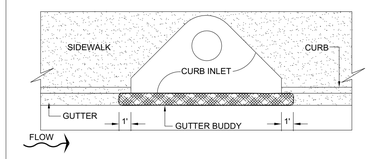
2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AS NECESSARY. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB INLET PROTECTION DETAIL
N.T.S.



ATTACHING TWO SILT FENCES
N.T.S.



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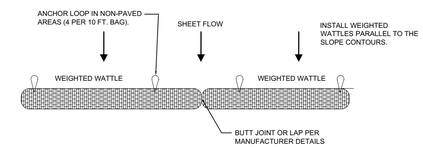
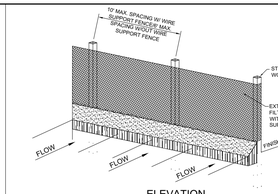
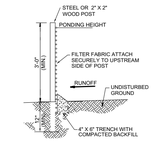


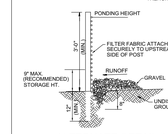
WEIGHTED WATTLE DETAIL
N.T.S.



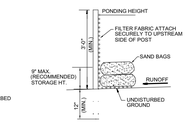
ELEVATION



STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL



ALTERNATE DETAIL A
TRENCH WITH GRAVEL



ALTERNATE DETAIL B
FOR TREE DRIP LINE OR SIDEWALKS

NOTES:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND WILL BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SEDIMENTATION / SILT FENCE
N.T.S.

CONTRACTOR / SUBCONTRACTOR CERTIFICATION TABLE

THIS SWPPP MUST CLEARLY IDENTIFY, FOR EACH MEASURE IDENTIFIED WITHIN THE SWPPP, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) WHO WILL IMPLEMENT EACH MEASURE. ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED IN THE SWPPP MUST SIGN THE FOLLOWING CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN."

Name / Signature	Title	Company Name, Address and Phone Number	Date

NOTE: CONTRACTOR TO ADD SHEETS TO CERTIFICATION TABLE AS NECESSARY.

SWPPP IMPLEMENTATION LOG

A RECORD OF DATES WHEN BMPs ARE INSTALLED OR REMOVED, STABILIZATION MEASURES ARE INITIATED, MAJOR GRADING ACTIVITIES OCCUR, AND CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON PORTIONS OF THE SITE. THIS FORM MUST BE UPDATED CONTINUOUSLY THROUGHOUT THE PROJECT UNTIL THE NOTICE OF TERMINATION (NOT) IS FILED.

DESCRIPTION OF ACTIVITY	LOCATION	CONTRACTOR	BEGIN DATE	END DATE

NOTE: CONTRACTOR TO ADD SHEETS TO THE SWPPP IMPLEMENTATION LOG AS NECESSARY.

APPROVED
DOS2020-00080
Tom Sawtell, Plan Reviewer
Lee County Development Services
10/23/2020

#	DATE	COMMENT	
2	10-08-2020	LEE COUNTY COMMENTS	MMA
1	09-19-2020	LEE COUNTY COMMENTS	MMA

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SD-05
05 OF 07

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GENERAL LEE COUNTY NOTES:

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, AND THE F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION.
2. THE CONTRACTOR SHALL RETAIN ON THE WORK SITE AT ALL TIMES COPIES OF ALL PERMITS NECESSARY FOR CONSTRUCTION.
3. ANY DEVIATIONS FROM THESE PLANS BY THE OWNER OR CONTRACTOR REQUIRES PRIOR APPROVAL OF THE ENGINEER. CONTRACTOR AND/OR ANY OF HIS SUBCONTRACTORS SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCY OR ERRORS IN THE PLANS OR IF EXISTING CONDITIONS ARE NOT AS SHOWN ON THE PLANS.
4. THE CONTRACTOR SHALL NOTIFY THE OWNER AND CONTACT ALL UTILITY COMPANIES FOR LOCATIONS OF EXISTING UTILITIES IN THE AREA 72 HOURS (MINIMUM) PRIOR TO COMMENCING CONSTRUCTION.
5. THE CONTRACTOR SHALL NOTIFY THE LEE COUNTY DIVISION OF DEVELOPMENT SERVICES A MINIMUM OF 72 HOURS PRIOR TO ALL INSPECTIONS REQUIRED BY THE LEE COUNTY LAND DEVELOPMENT CODE.
6. THE LOCATION OF EXISTING UTILITIES, PAVEMENT, VEGETATION, AND MISCELLANEOUS IMPROVEMENTS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
7. EXISTING IMPROVEMENTS SHALL BE RESTORED TO A CONDITION EQUIVALENT TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION, AT NO ADDITIONAL COST TO OWNER.
8. A VEGETATION PERMIT IS REQUIRED PRIOR TO ANY SITE WORK. PROTECTIVE BARRICADES MUST BE CONSTRUCTED AND INSPECTED PRIOR TO PERMIT ISSUANCE.
9. OWNER SHALL INSURE THAT THE GENERAL CONTRACTOR COMPLIES WITH ALL REQUIREMENTS OF STORM WATER POLLUTION PREVENTION (SWP3) ON THIS PLAN. IF THE PROJECT AREA IS MORE THAN 1 ACRE, THE OWNER SHALL FILE A NOTICE OF INTENT (NOI) WITH BOTH THE DEP AND LEE COUNTY DEVELOPMENT SERVICES AT LEAST 48 HRS. PRIOR TO THE START OF CONSTRUCTION.
10. ARTIFICIAL LIGHTING USED TO ILLUMINATE PREMISES SHALL BE DIRECTED AWAY FROM ADJACENT PROPERTIES AND STREETS, SHINING ONLY ON THE SUBJECT SITE. ALL LIGHT FIXTURES TO BE FURNISHED WITH FLAT LENSES AND HOUSE SHIELDS FULL CUTOFF TYPE TO LIMIT LIGHT POLLUTION FOR THE ADJOINING PROPERTIES, REFER TO LDC SECTION 34-625 (OUTDOOR LIGHTING STANDARDS). LIGHTING DESIGN BY OTHERS.
11. PER LEE TRAN, NO PUBLIC TRANSIT AMENITIES ARE REQUIRED IN CONJUNCTION WITH THIS PROJECT.
13. THERE ARE NO APPARENT FLOWING WELLS ON THIS PARCEL; IF ANY ARE FOUND DURING CONSTRUCTION, THEY WILL BE PLUGGED IN ACCORDANCE WITH SFWMD AND DEP PLUGGING REQUIREMENTS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAINED A TALL STRUCTURE PERMIT WITH LEE COUNTY PORT AUTHORITY IF CONSTRUCTION EQUIPMENT EXCEEDS THE DESIGNATED AIRSPACE NOTIFICATION HEIGHT. THE CONTACT FOR THIS PERMIT IS THE LCPA AIRPORT PLANNER AT 239-590-4609 AND THE PROCESS CAN BE FOUND AT HTTP://WWW.FLYLCPA.COM/TALLSTRUCTUREAPPLICATION.

GENERAL NOTES:

1. THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VALVE BOXES, MANHOLE RIMS, GRATES, ETC. AS REQUIRED TO MATCH PROPOSED GRADES.
2. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION
3. SWALE PROFILES SHOWN ARE TO TOP OF SOD. CONTRACTOR TO ADJUST SWALE GRADING ACCORDINGLY.
4. UNLESS OTHERWISE NOTED, SOD A 12" STRIP BEHIND ALL CONCRETE CURB AND VALLEY GUTTER AND AT EDGE OF PAVEMENT PER F.D.O.T. REQUIREMENTS. REMAINING AREAS WITHIN THE ROAD R/W SHALL BE SEEDED, FERTILIZED AND MULCHED. SOD OR SEED & MULCH (AS DIRECTED BY ENGINEER) ALL SWALES, BERMS, RETENTION AREAS, AND SLOPES WITHIN LIMITS OF CONSTRUCTION.
5. THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL. ALL UNSUITABLE MATERIAL EXCAVATED SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER.
6. LOT LINE ELEVATIONS ARE SUBJECT TO FIELD CHANGE FOR THE PURPOSE OF MATCHING THE EXISTING NATURAL CONDITIONS AND/OR RETAINING EXISTING VEGETATION.
7. DURING CONSTRUCTION, THROAT INLET OPENINGS, WHERE APPROPRIATE, SHALL BE COVERED WITH FILTER FABRIC (MIRAFI 140N OR APPROVED EQUAL) TO PREVENT DEBRIS AND FILL FROM FALLING INTO THE INLET.
9. ALL BERMS AND ANY NECESSARY PERIMETER GRADING ARE TO BE CONSTRUCTED FIRST IN ORDER TO RETAIN ALL SURFACE WATER RUNOFF ON SITE WITH THE ONLY DISCHARGE ALLOWED TO BE THROUGH APPROVED WEIRS.
10. ALL MITERED END SECTIONS SHALL BE RIP-RAPPED ACCORDINGLY.
11. THERE WILL BE NO ADVERSE IMPACTS TO GROUND OR SURFACE WATERS, WETLANDS, FLOOD PLAINS OR RIVERINE AREAS; OR ANY KNOWN ARCHEOLOGICAL SITES EXPECTED BY THE DEVELOPMENT OF THIS SITE. A "CERTIFICATE TO DIG" IS NOT REQUIRED FOR THIS PROJECT PER LEE COUNTY ARCHEOLOGICAL SENSITIVITY MAP.
13. ANY EXISTING TOPSOIL AND UNSUITABLE ORGANIC SOILS (IF ENCOUNTERED) SHOULD BE STRIPPED FROM THE SITE
16. ALL EXCAVATED MATERIAL TO REMAIN ON SITE.

SITE PLAN LEGEND:

- PROPOSED FILL = 310,185 SQ. FT. = 7.12 AC.
- PRO. SURFACE HYDROLOGY
- PROPOSED TOE OF FILL
- PROPOSED TOP OF BERM
- CENTER LINE
- EXST.FEATURES (ROADS, WALKS, ECT.)
- RIGHT OF WAY
- SITE BOUNDARY
- EASEMENTS
- x 7.26 — EXISTING TOPO ELEV.
- SURVEYOR'S BENCH MARK AND OR CONTROL POINT

SITE DATA:

AVERAGE EXISTING GROUND ELEVATION:	CONTROL ELEVATION:
ELEV. = 7.8' NAVD	ELEV. = 4.80' NAVD
ZONING:	STRAP NUMBERS:
COMMERCIAL	36-45-24-00-00011.0030
PROPOSED USE:	TOTAL SITE AREA:
FILL/EARTH WORK ONLY	9.74 ACERS
	TOTAL FILL AREA:
FEMA FLOOD ZONE:	7.12 ACERS

THIS PROPERTY IS LOCATED FLOOD ZONE AE BASE FLOOD ELEV. = 10.0' NAVD
IN FIRM COMMUNITY 125124 PANEL NO.438 MAP #: 12071C0438G DATED: 12/07/2018

FILL CALCULATIONS:

- AVERAGE EXISTING GRADE ELEVATION = 7.8 FT
- AVERAGE FILL AREA ELEVATION = (11.4 FT + 10.7 FT) / 2 = 11.05 FT

- AREA TO BE RAISED BY FILL (INSIDE BERM) = 222,603 SQ. FT.
- FILL DEPTH @ EL =11.8 FT: 11.8 FT - 7.8 FT = 4.00 FT
- FILL DEPTH @ EL =13.0-11.8 FT = 1.2 FT
- FILL WITHIN BERM: (121,387 SQ. FT. x 4.00 FT) + (171,995*1.2)= 691,942 CU.FT

- AREA TO BE RAISED (BUFFER TO BERM) = 87,583 SQ. FT.
- AVERAGE DEPTH OF FILL = 13 FT - 7.8 FT = 5.2 FT
- AVERAGE AMOUNT TO FILL= (87,583 SQ.FT. x 5.2 FT) / 2 = 227,713 CU.FT.

- TOTAL AVERAGE AMOUNT OF FILL
- 919,655 CU.FT. = 34,061 CY (FLUFF FACTOR NOT INCLUDED)

WATER QUANTITY INFORMATION:

25-YEAR 3-DAY STORM EVENT RESULTS:
- POST-FILL STORM WATER RUN-OFF VOLUME = 3.16 AC-FT
- POST-FILL ZERO-DISCHARGE STAGE = 12.67' NAVD
- EROSION CONTROL BERM ELEVATION = 13.0' NAVD

PROJECT PHASING PLAN:

THE PROJECT SHALL BE CONSTRUCTED IN 1 PHASE.

PHASE 1: WILL INCLUDE PHASE 1 EROSION CONTROL DEVICES, PHASE 1 EROSION CONTROL BERM, TEMPORARY CONSTRUCTION ENTRANCE, WITH A TOTAL OF 7.12 AC OF FILL AREA.

DEWATERING NOTE:

IT IS NOT ANTICIPATED THAT A DEWATERING PERMIT WILL BE REQUIRED FROM SFWMD FOR THE INSTALLATION AND CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS. INSTALLATION OF UTILITIES MAY BE DONE UNDER A SFWMD NO-NOTICE PERMIT IF DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NO-NOTICE PERMIT.

FILL NOTE:

THE PROPOSED FILL IS TO CONSIST OF DIRT/PERVIOUS MATERIAL SUITABLE FOR SUB-GRADE/FOUNDATION CONSTRUCTION.
NO IMPERVIOUS MATERIAL IS TO BE PLACED ON SITE.

BERM NOTE:

THE 2' WIDE EROSION CONTROL BERM INCLUDING BACK OF SLOPE MUST BE SODDED IN ORDER TO ENSURE STABILIZATION. ALL OTHER FILL AREA TO BE SEEDED OR SODDED.

LEE PLAN CONSISTENCY:

THE PROPOSED PROJECT IS CONSISTENT WITH THE LEE COUNTY LAND DEVELOPMENT CODE AND THE GOALS, OBJECTIVES & POLICIES SET FORTH IN THE LEE PLAN. INCLUDING BUT NOT LIMITED TO STANDARDS AND PROVISIONS, SITE LOCATION CRITERIA, ACREAGE ALLOCATION TABLE, LAND USE CATEGORY & LAND USE MAP.

VERTICAL DATUM: NAVD

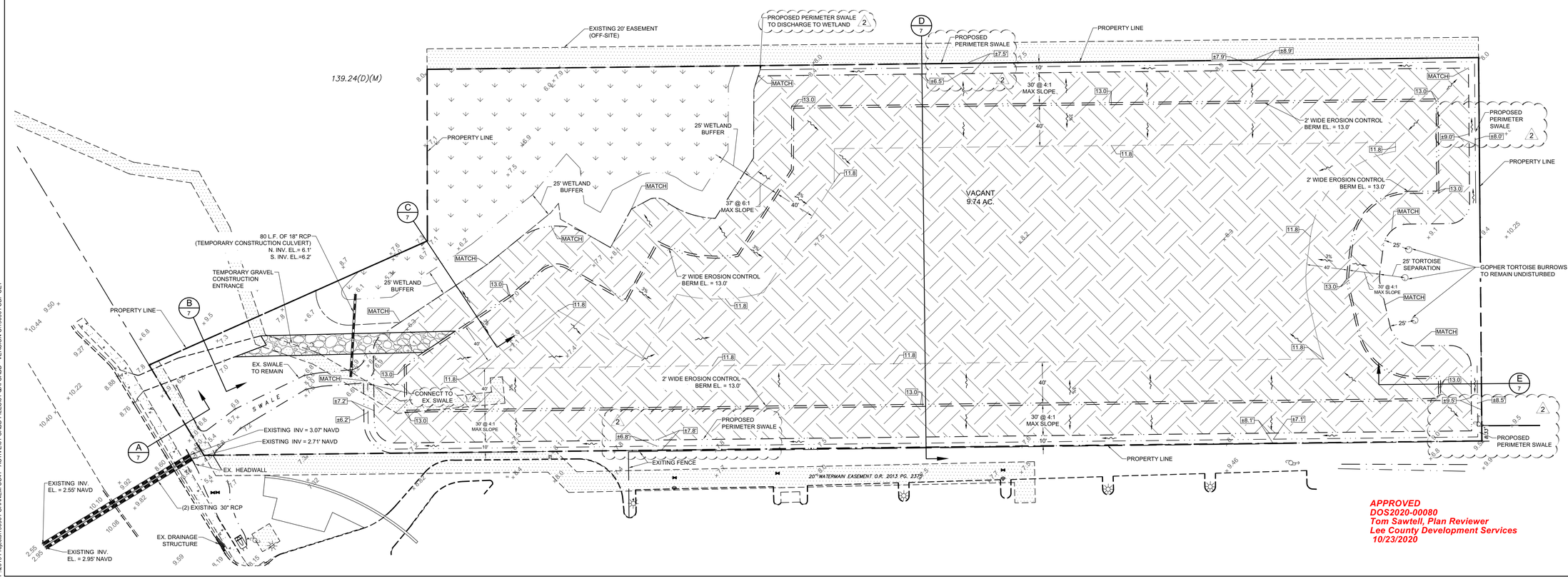
THIS DRAWING AND ALL ELEVATIONS SHOWN ARE BASED ON THE NATIONAL AMERICAN VERTICAL DATUM (NAVD 88)
CONVERT TO NGVD 29 ADD: 1.16'

CALL BEFORE YOU DIG:

SUNSHINE STATE ONE CALL CENTER
PHONE: (800) 432-4770
(MINIMUM 48 HOURS NOTICE REQUIRED)

N

0' 50' 100'
PLAN VIEW SCALE



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Tom Sawtell, Plan Reviewer
Lee County Development Services
10/23/2020

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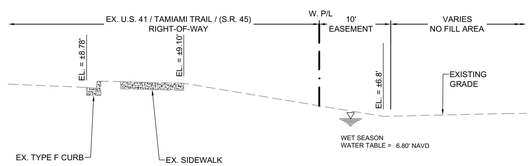

CROSS SECTION "A"

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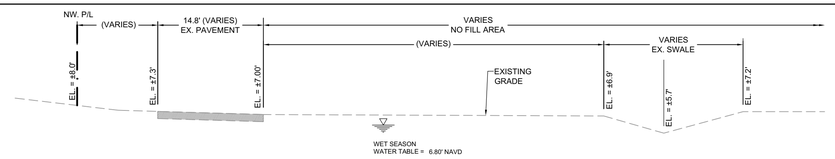

CROSS SECTION "B"

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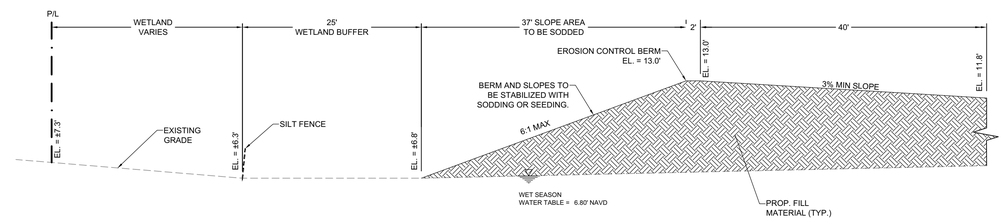

CROSS SECTION "C"

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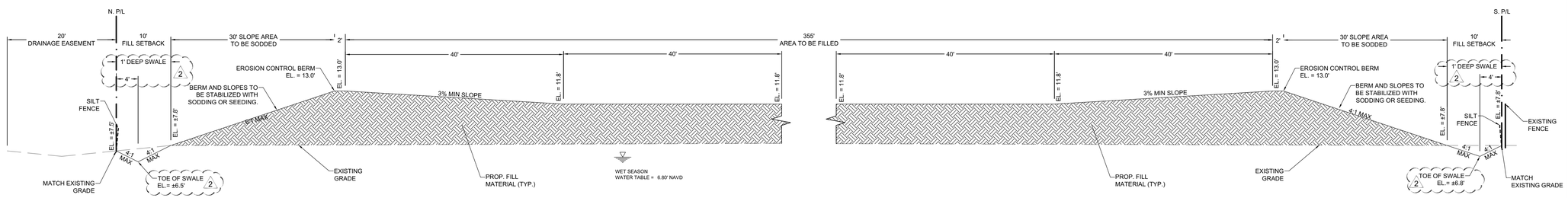

CROSS SECTION "D"

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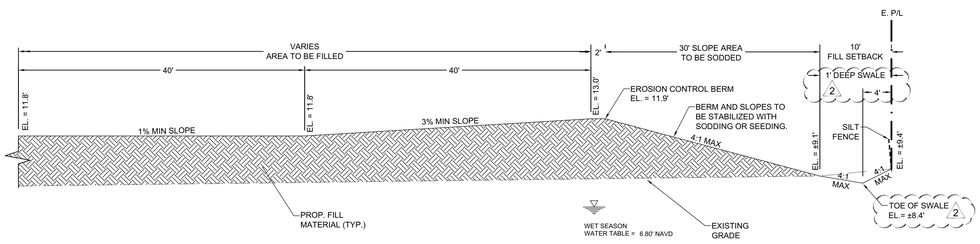

CROSS SECTION "E"

N.T.S.

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Tom Sawtell, Plan Reviewer
Lee County Development Services
10/23/2020

CROSS SECTION NOTE:
SWALE PROFILES SHOWN ARE TO TOP OF SOD. CONTRACTOR TO ADJUST SWALE GRADING ACCORDINGLY. ANY NATURAL GROUND AREA DISTURBED BY THE CONTRACTOR SHALL BE FERTILIZED, MULCHED, AND SEEDED.

VERTICAL DATUM: NAVD
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