



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
1520 ROYAL PALM SQUARE BLVD., SUITE 310
FORT MYERS, FLORIDA 33919

May 17, 2019

Regulatory Division
West Permits Branch
Fort Myers Permits Section

PUBLIC NOTICE

Permit Application No. SAJ-2017-02183 (SP-MLB)

TO WHOM IT MAY CONCERN: The Jacksonville District of the U.S. Army Corps of Engineers (Corps) has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) and as described below:

APPLICANT: Local Greens Company, LLC
C/o Oskari Kariste
3510 Kraft Road, Suite 200
Naples, FL 34105

WATERWAY AND LOCATION: The project would affect waters of the United States associated with Rock Creek-Naples Bay (HUC 10: 0309020406) located within the Big Cypress watershed. The project site is located at 8496 Rattlesnake Hammock Road - near the northeast corner of the intersection of Collier Boulevard and Rattlesnake Hammock Road, in Section 14, Township 50 South, Range 26 East, Naples, Collier County, Florida.

Directions to the site are as follows: From I-75, take Exit 101 (County Rd 951/FL-84 toward Naples/Marco Island); continue on County Road 951/Collier Blvd for approximately 4 miles; make a left onto Rattlesnake Hammock Road; continue on for ¼ mile and make a left to Florida Sport Park; the project area will be on your left.

APPROXIMATE CENTRAL COORDINATES: Latitude 26.112425°
Longitude -81.680407°

PROJECT PURPOSE:

Basic: The basic project purpose is commercial development.

Overall: The overall project purpose is to construct a commercial development in west central Collier County, Florida.

BACKGROUND: A 15.41 acre project area was previously destroyed as a result of a 26,000 acre wildfire that occurred within Collier County. The 15.41 acre project area was later cleared by Local Greens Company due to required safety measures per

county requirements. On August 01, 2017, Corps Enforcement Section issued a Cease and Desist Letter to Local Greens Company, LLC for filling 0.62 acre of wetlands. Local Greens Company, LLC mechanically cleared the site of all vegetation and placed approximately 0.90 acre (0.62 acre wetlands and 0.28 acre uplands) of dirt on the site for an access road and fill pad between February and May 2017. It was determined that the wetland areas on site were historically hydric pine-flatwoods dominated by *Melaleuca* (*Melaleuca*). These wetlands are hydrologically connected via the 951 canal to Henderson Creek, a Traditional Navigable Waterway (TNW). Enforcement ultimately determined that the Local Greens project site consisted of 12.74 acres of cleared jurisdictional wetlands and 0.62 acre of filled jurisdictional wetlands prior to receiving a permit from the Corps. Local Greens Company, LLC submitted an After-the-Fact application on April 09, 2018 for the construction of a greenhouse on the 15.41 acre site. On May 08, 2018 Local Greens Company, LLC submitted signed tolling agreements and was approved by the Corps Office of Counsel.

EXISTING CONDITIONS: The 15.41 project area consists of a cleared area. Prior to the completed work, the project area consisted of hydric pine-flatwoods dominated by *Melaleuca* (*Melaleuca*), with greater than 75% exotic plant invasion. The parcel is bordered on the north, south and west by roads with developed land to the east (Florida Sports Park).

PROPOSED WORK: The applicant seeks authorization to place 22,000 cubic yards of clean fill material into 12.74 acres of freshwater wetlands in association with the construction of a greenhouse.

AVOIDANCE AND MINIMIZATION INFORMATION – The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment:

When clearing of the property first commenced, it was limited to 6 acres for the greenhouse and its supporting infrastructure. The applicant also left a 25 foot buffer around the perimeter of the cleared area except at the entrance to the property which faced the road.

After the initial clearing was completed, the Florida wildfire (that consumed 26,000 acres in Collier County alone), spread to the subject property and engulfed the remaining acres. The entire property then had to be cleared since the destroyed trees were in danger of collapsing and were a danger and liability.

The vegetation was almost 100% exotics that are considered a nuisance and a danger to the community's water supply. Removal was required by local authorities.

COMPENSATORY MITIGATION – The applicant has offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment:

As compensation for 12.74 acres of impacts to the jurisdictional wetlands, the applicant proposes to purchase 3.28 freshwater forested credits from a “local mitigation bank”.

CULTURAL RESOURCES: The Corps is not aware of any known historic properties within the permit area. By copy of this public notice, the Corps is providing information for review. Our final determination relative to historic resource impacts is subject to review by and coordination with the State Historic Preservation Officer and those federally recognized tribes with concerns in Florida and the Permit Area.

ENDANGERED SPECIES:

The Corps has determined the proposed project “May Affect” the Florida Panther (*Puma (=Felis) concolor coryi*). The project is located in the Panther Focus Area and is greater than 1 acre in size. The Corps will request initiation of formal consultation with the Fish and Wildlife Service pursuant to Section 7 of the Endangered Species Act by separate letter.

The Corps has determined that the proposed project may affect, but is not likely to adversely affect the Eastern Indigo snake (*Drymarchon corais couperi*). The Corps will request USFWS concurrence with this determination pursuant to Section 7 of the Endangered Species Act.

ESSENTIAL FISH HABITAT (EFH): This notice initiates consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996. Our determination is that the proposed project would have no adverse impact on EFH as the project site is located approximately 6 miles inland from the nearest tributary that leads into the Gulf of Mexico.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The jurisdictional line has been verified by Corps personnel.

AUTHORIZATION FROM OTHER AGENCIES: Water Quality Certification may be required from the Florida Department of Environmental Protection and/or one of the state Water Management Districts.

COMMENTS regarding the potential authorization of the work proposed should be submitted in writing to the attention of the District Engineer through the Fort Myers Permits Section, 1520 Royal Palm Square Blvd., Suite 310, Fort Myers, Florida 33919 within 21 days from the date of this notice.

The decision whether to issue or deny this permit application will be based on the information received from this public notice and the evaluation of the probable impact to

the associated wetlands. This is based on an analysis of the applicant's avoidance and minimization efforts for the project, as well as the compensatory mitigation proposed.

QUESTIONS concerning this application should be directed to the project manager, Michelle Bartley, in writing at the Fort Myers Permits Section, 1520 Royal Palm Square Blvd., Suite 310, Fort Myers, Florida 33919 or by electronic mail at michelle.l.bartley@usace.army.mil; or by telephone at (239) 334-1975 ext. 0006.

ADDITIONAL INFORMATION: After reviewing all available information pertaining to the completed work, the Department of the Army has not recommended legal action at this time. Final determination regarding legal action will be made after review of the project through the permit procedure.

IMPACT ON NATURAL RESOURCES: Coordination with U.S. Fish and Wildlife Service, Environmental Protection Agency (EPA), the National Marine Fisheries Services, and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food, and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

The US Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other Interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above.

Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

COASTAL ZONE MANAGEMENT CONSISTENCY: In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board. In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with the Coastal Zone Management Plan.

REQUEST FOR PUBLIC HEARING: Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.

LEGAL DESCRIPTION

THE EAST ½ OF THE NORTH ½ OF THE SOUTHEAST ¼ OF THE SOUTHWEST ¼ ALL IN SECTION 14, TOWNSHIP 50 SOUTH, RANGE 26 EAST, COLLIER COUNTY FLORIDA; AND
THE SOUTH ½ OF THE WEST ½ OF THE NORTH ½ OF THE SOUTHEAST ¼ OF THE SOUTHWEST ¼ ALL IN SECTION 14, TOWNSHIP 50 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA

PROPERTY ZONING INFO

AG

PROPERTY IDENTIFICATION

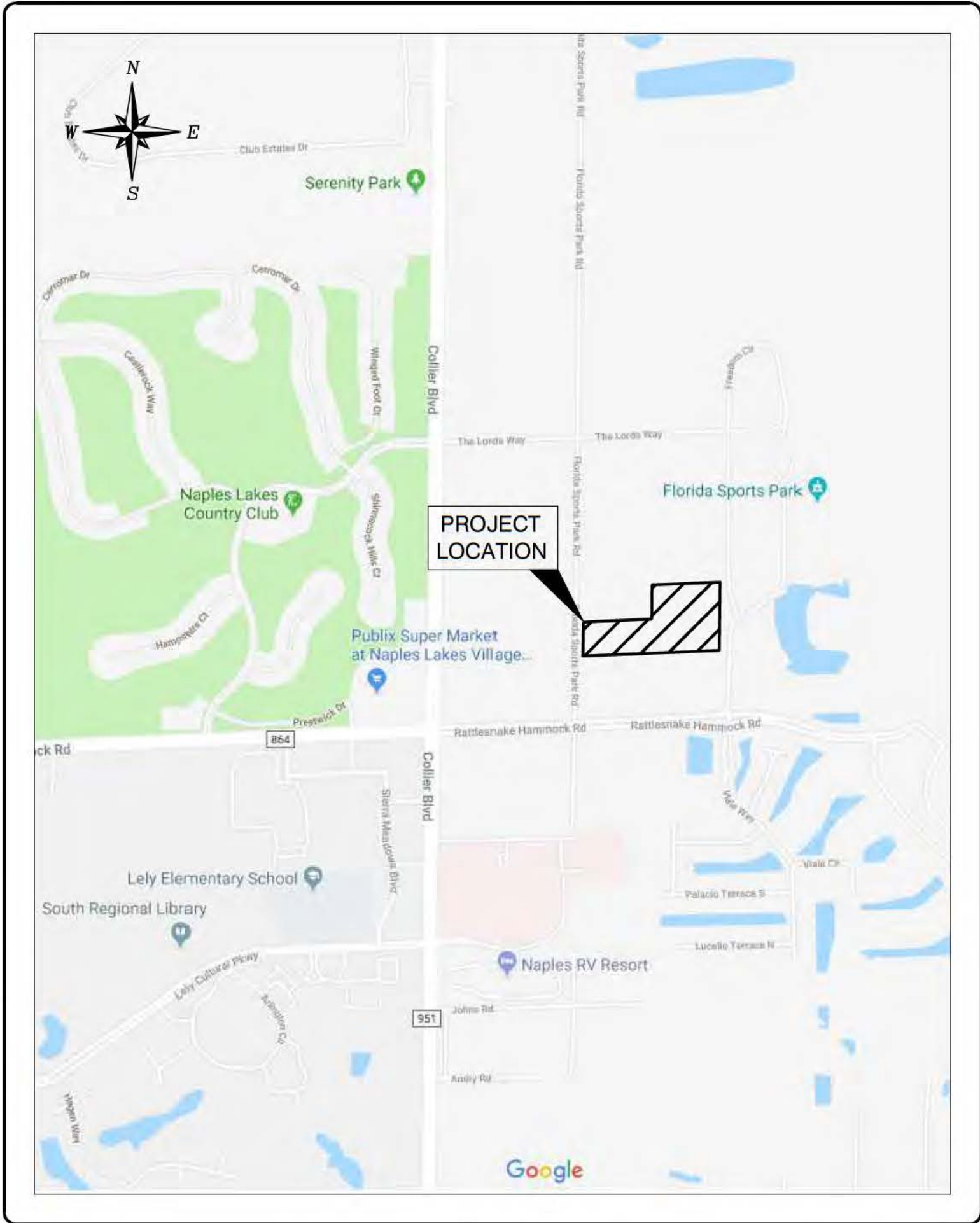
FOLIO NUMBER: 00417000004

ENVIRONMENTAL RESOURCE PERMIT PLANS FOR

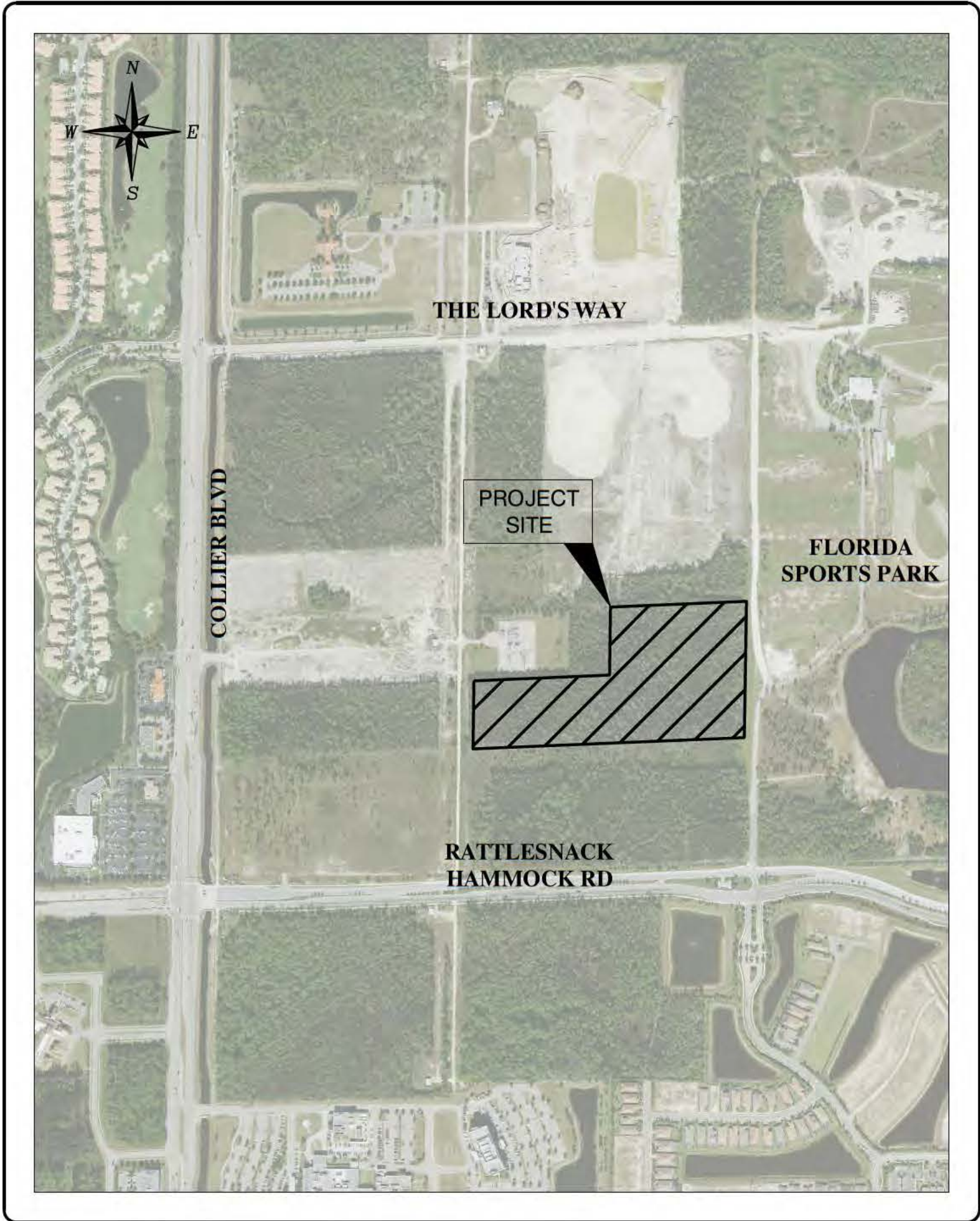
LOCAL GREENS

PART OF SECTION 14, TOWNSHIP 50, RANGE 26E,
COLLIER COUNTY, FLORIDA

PREPARED FOR/OWNED BY:
LOCAL GREENS COMPANY, LLC
3510 KRAFT ROAD, SUITE 200
NAPLES, FLORIDA 34105
(239) 287-0813



PROJECT LOCATION



PROJECT SITE

RWA

ENGINEERING

6610 Willow Park Drive, Suite 200
Naples, Florida 34109 (239) 597-0575
FAX: (239) 597-0578
www.consult-rwa.com

ELEVATIONS BASED ON NORTH AMERICAN
VERTICAL DATUM NAVD88. CONVERSION FROM
NAVD88 TO NGVD29: NAVD88 +1.29'=NGVD29.

SHEET INDEX	
SHEET NUMBER	SHEET DESCRIPTION
1	COVER SHEET
2	EXISTING CONDITIONS AND AERIAL
3	MASTER SITE PLAN
4	TYPICAL SECTIONS AND DETAILS
5	EROSION CONTROL PLAN

REVISIONS			
No.	DATE	REVISION	APPROVED

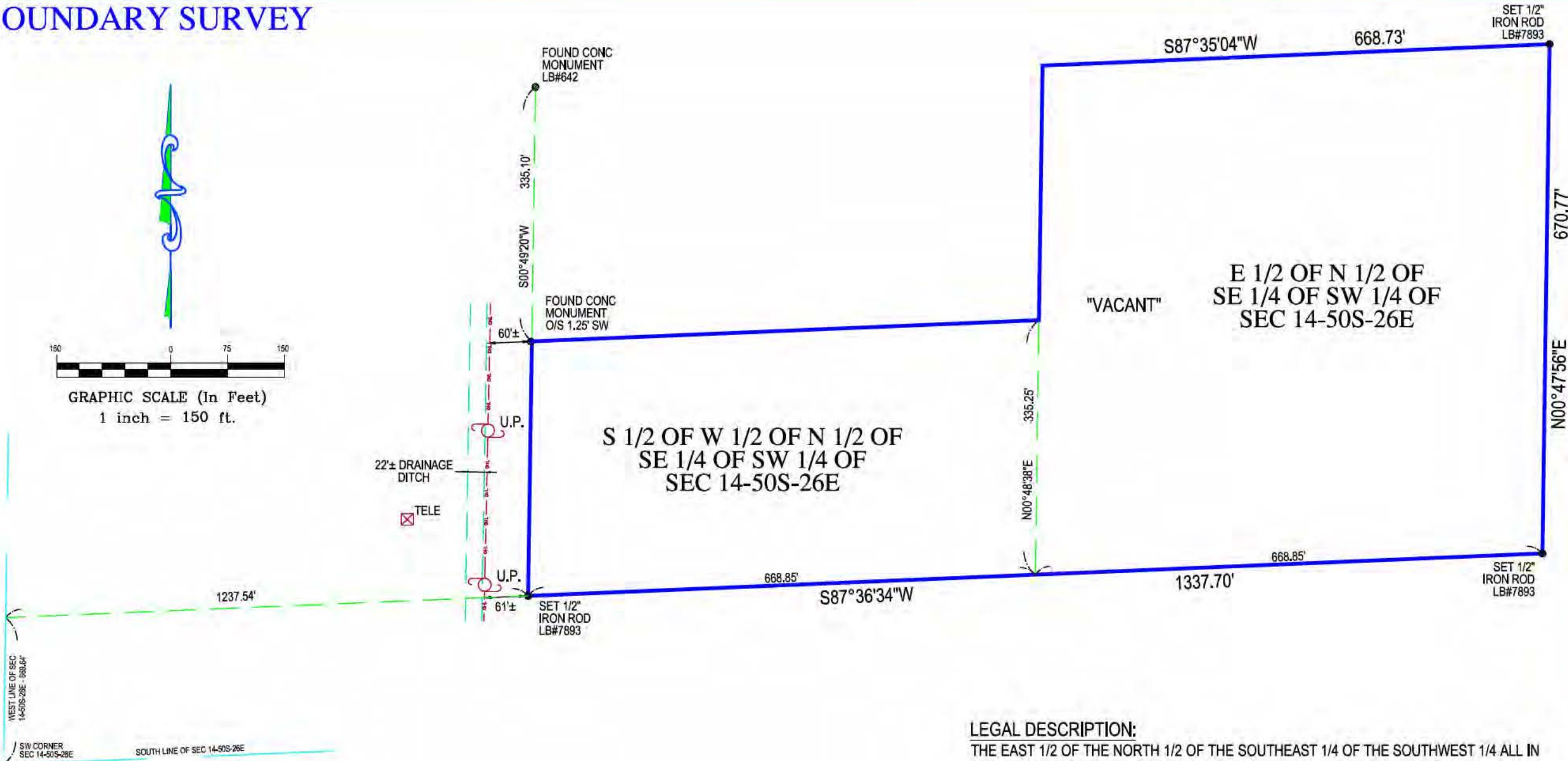
MICHAEL C. PAPPAS, P.E. STATE OF FLORIDA LICENSE NO. 60910
STAMPS RWA, INC. STATE OF FLORIDA BUSINESS CERTIFICATE NO. EB-0007663

ENGINEER'S SEAL

DATE: NOV.,2017

PROJECT No: 160076.01.01

BOUNDARY SURVEY



ABBREVIATION DESCRIPTION:

A/C	AIR CONDITIONER
Δ	CENTRAL / DELTA ANGLE
I.D.	IDENTIFICATION
L	LENGTH
LB	LICENSED BUSINESS
N.A.V.D.	NORTH AMERICAN VERTICAL DATUM
N.G.V.D.	NATIONAL GEODETIC VERTICAL DATUM
OHL	OVERHEAD UTILITIES
P.C.	POINT OF CURVATURE
P.C.C.	POINT OF COMPOUND CURVE
P-K	PARKER KYLON NAIL
P.R.C.	POINT OF REVERSE CURVE
PSM	PROFESSIONAL SURVEYOR MAPPER
P.T.	POINT OF TANGENCY
R	RADIAL / RADIUS
R/W	RIGHT OF WAY

SURVEY NOTES
PROPERTY IS VACANT
AT THE TIME OF SURVEY

SYMBOL DESCRIPTIONS:

	= CATCH BASIN		= MISC. FENCE
	= CENTERLINE ROAD		= PROPERTY CORNER
	= COVERED AREA		= UTILITY BOX
	= EXISTING ELEVATION		= UTILITY POLE
	= HYDRANT		= WATER METER
	= MANHOLE		= WELL
	= METAL FENCE		= WOOD FENCE

PROPERTY ADDRESS:
XXX COLLIER BOULEVARD
NAPLES, FL 34114

SURVEY NUMBER: 271603
FIELD WORK: 10-15-2016

COMMUNITY NUMBER: 120067
PANEL: 0606
SUFFIX: H
FLOOD ZONE: X/AH

LEGAL DESCRIPTION:
THE EAST 1/2 OF THE NORTH 1/2 OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 ALL IN SECTION 14, TOWNSHIP 50 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA;

AND

THE SOUTH 1/2 OF THE WEST 1/2 OF THE NORTH 1/2 OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 ALL IN SECTION 14, TOWNSHIP 50 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA

CERTIFIED TO:
LARRY POMPOSINI, TRUSTEE OF THE LARRY POMPOSINI TRUST UNDER TRUST AGREEMENT DATED JANUARY 14, 1993; LOCAL GREENS COMPANY, LLC, A FLORIDA LIMITED LIABILITY COMPANY; LAW OFFICE OF CONRAD WILLKOMM; OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY; ATTORNEYS' TITLE FUND SERVICES, LLC, its successors and/or assigns.

GENERAL NOTES:

- LEGAL DESCRIPTION PROVIDED BY OTHERS
- THE LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS OR OTHER RECORDED ENCUMBRANCES NOT SHOWN ON THE PLAT.
- UNDERGROUND PORTIONS OF FOOTINGS, FOUNDATIONS OR OTHER IMPROVEMENTS WERE NOT LOCATED.
- WALL TIES ARE TO THE FACE OF THE WALL AND ARE NOT TO BE USED TO RECONSTRUCT BOUNDARY LINES.
- ONLY VISIBLE ENCRONCHMENTS ARE LOCATED.

PAGE 1 OF 1

- DIMENSIONS SHOWN HEREON ARE PLAT AND MEASURED UNLESS OTHERWISE NOTED
- FENCE OWNERSHIP NOT DETERMINED
- ELEVATIONS, IF SHOWN, ARE BASED ON N.G.V.D., 1929 DATUM, UNLESS OTHERWISE NOTED.
- IN SOME INSTANCES, GRAPHIC REPRESENTATION HAVE BEEN EXAGGERATED TO MORE CLEARLY ILLUSTRATE RELATIONSHIPS BETWEEN PHYSICAL IMPROVEMENTS AND/OR LOT LINES. IN ALL CASES, DIMENSIONS SHALL CONTROL THE LOCATION OF THE IMPROVEMENTS OVER SCALED POSITIONS.

REVISIONS:

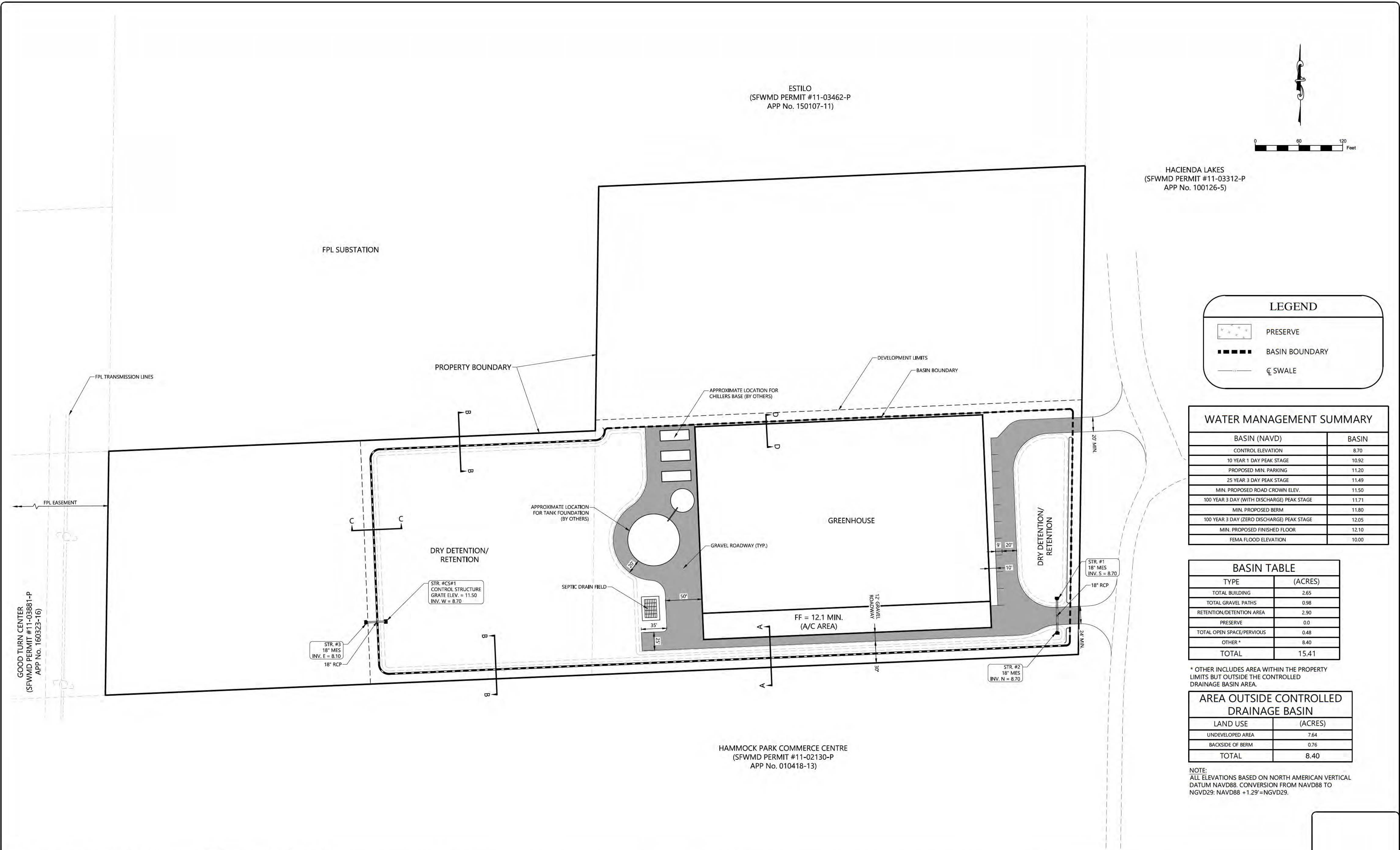
SURVEYORS CERTIFICATE:
I HEREBY CERTIFY THAT THIS BOUNDARY SURVEY IS A TRUE
AND CORRECT REPRESENTATION OF A SURVEY PREPARED
UNDER MY DIRECTION. NOT VALID WITHOUT A RAISED
EMBOSSED SEAL AND SIGNATURE.

(SIGNED)

KENNETH J OSBORNE
PROFESSIONAL SURVEYOR AND MAPPER #6415



LB #7893
SERVING FLORIDA
6250 N. MILITARY TRAIL, SUITE 102
WEST PALM BEACH, FL 33407
PHONE (561) 640-4800
STATEWIDE PHONE (800) 226-4807
STATEWIDE FACSIMILE (800) 741-0576
WEBSITE: <http://targetsurveying.net>



LEGEND

PRESERVE

BASIN BOUNDARY

SWALE

WATER MANAGEMENT SUMMARY	
BASIN (NAVD)	BASIN
CONTROL ELEVATION	8.70
10 YEAR 1 DAY PEAK STAGE	10.92
PROPOSED MIN. PARKING	11.20
25 YEAR 3 DAY PEAK STAGE	11.49
MIN. PROPOSED ROAD CROWN ELEV.	11.50
100 YEAR 3 DAY (WITH DISCHARGE) PEAK STAGE	11.71
MIN. PROPOSED BERM	11.80
100 YEAR 3 DAY (ZERO DISCHARGE) PEAK STAGE	12.05
MIN. PROPOSED FINISHED FLOOR	12.10
FEMA FLOOD ELEVATION	10.00

BASIN TABLE	
TYPE	(ACRES)
TOTAL BUILDING	2.65
TOTAL GRAVEL PATHS	0.98
RETENTION/DETENTION AREA	2.90
PRESERVE	0.0
TOTAL OPEN SPACE/PERVIOUS	0.48
OTHER *	8.40
TOTAL	15.41

* OTHER INCLUDES AREA WITHIN THE PROPERTY LIMITS BUT OUTSIDE THE CONTROLLED DRAINAGE BASIN AREA.

AREA OUTSIDE CONTROLLED DRAINAGE BASIN	
LAND USE	(ACRES)
UNDEVELOPED AREA	7.64
BACKSIDE OF BERM	0.76
TOTAL	8.40

NOTE:
ALL ELEVATIONS BASED ON NORTH AMERICAN VERTICAL DATUM NAVD88. CONVERSION FROM NAVD88 TO NGVD29: NAVD88 +1.29'=NGVD29.

December 6, 2017, 1:48 PM K:\2016\160076\01.01 Local Greens Company Exp & Water Line Permitting\002 Exp Application Prep And Support\exp Plans\current Plansheet Files\03 1600760101 SP01.dwg

REV #	REVISION	DRAWN	CHECKED	DATE

RWA

ENGINEERING

6610 Willow Park Drive, Suite 200
Naples, Florida 34109
(239) 597-0575 FAX: (239) 597-0578
www.consult-nwa.com
Florida Certificates of Authorization
EB 7663 LB 6952

DATE	NOV. 2017	DESIGNED	MCP
SIC	TWP: RGE	DRAWN	DLP
14	50 26E		
HORIZ. SCALE (FULL)	1" = 60'	VERT. SCALE (FULL)	N/A
HORIZ. SCALE (HALF)	1" = 120'	VERT. SCALE (HALF)	N/A

CLIENT: LOCAL GREENS COMPANY, LLC

TITLE: MASTER SITE PLAN

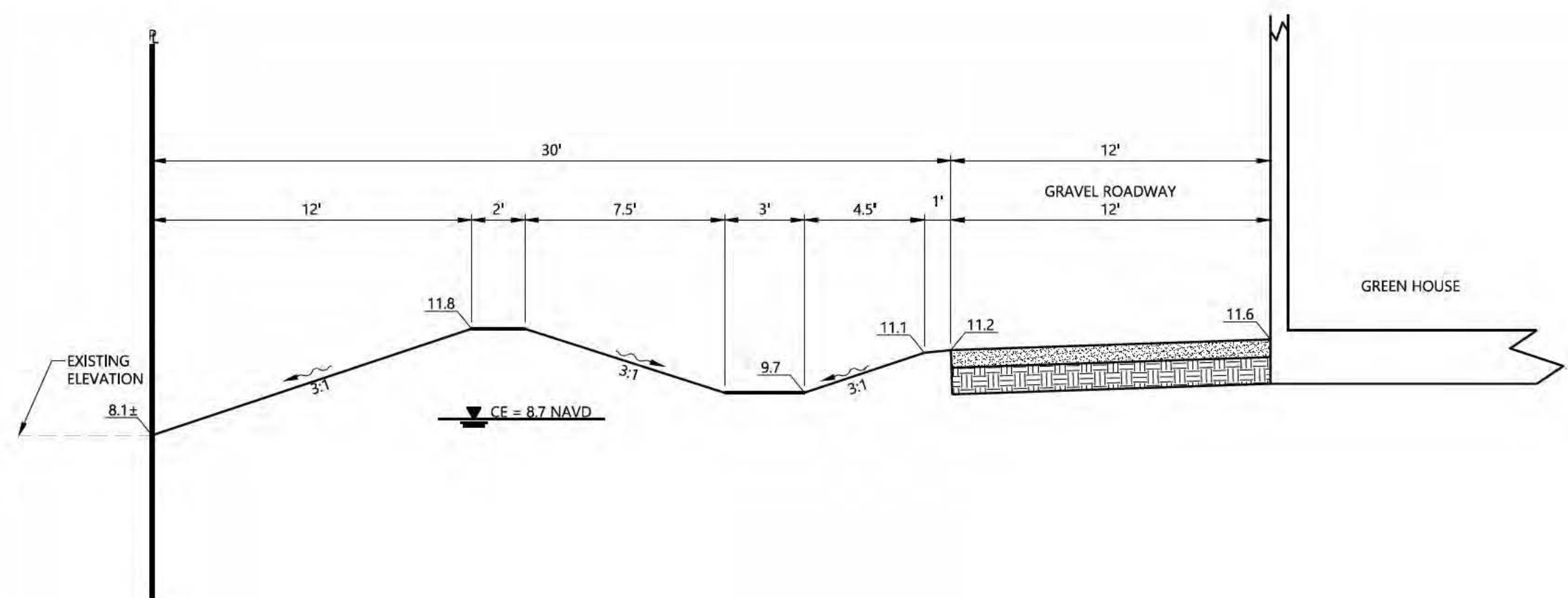
PROJECT: LOCAL GREENS
ENVIROMENTAL RESOURCE PERMIT PLANS

PROJECT NO.: 160076.01.01

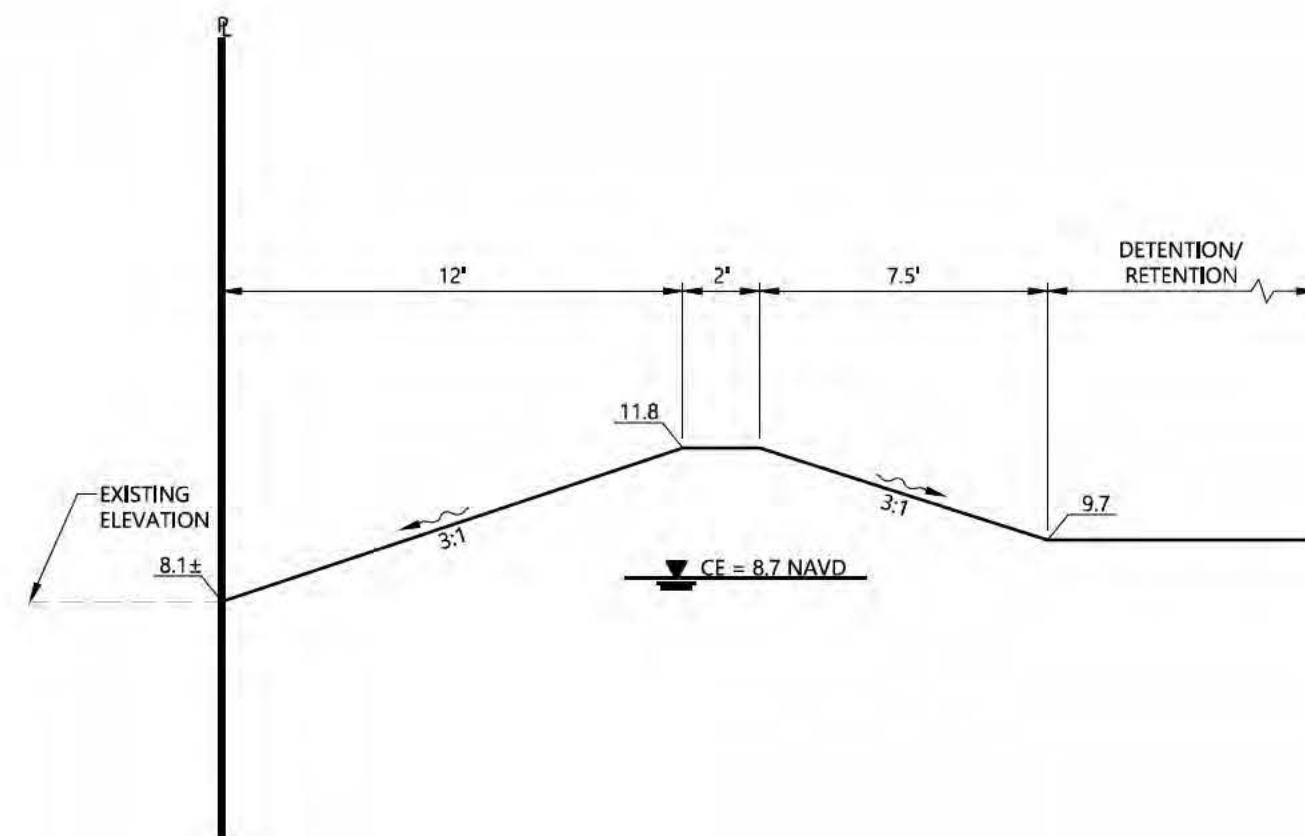
FILE NAME: 03 1600760101 SP01

SHEET NUMBER: 3 OF 5

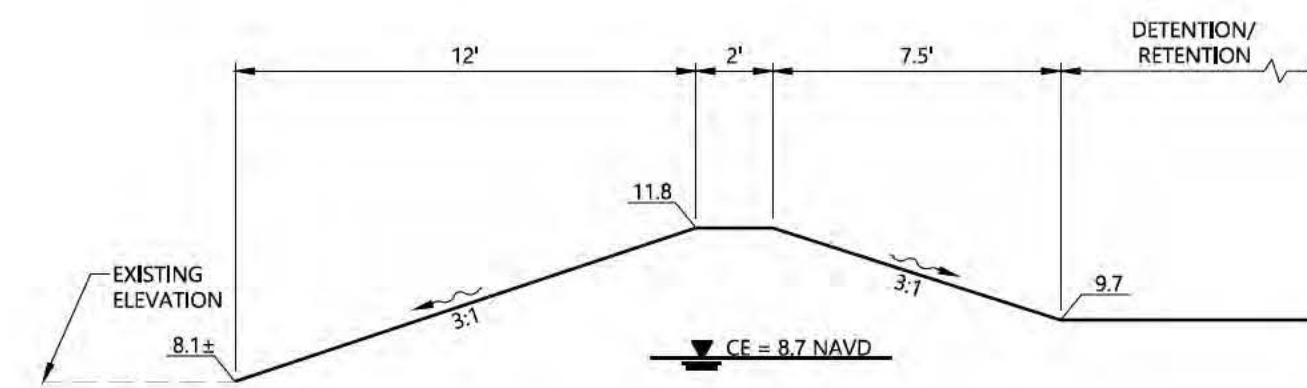
MICHAEL C. PAPPAS, P.E.
FLORIDA LICENSE NO. 60910



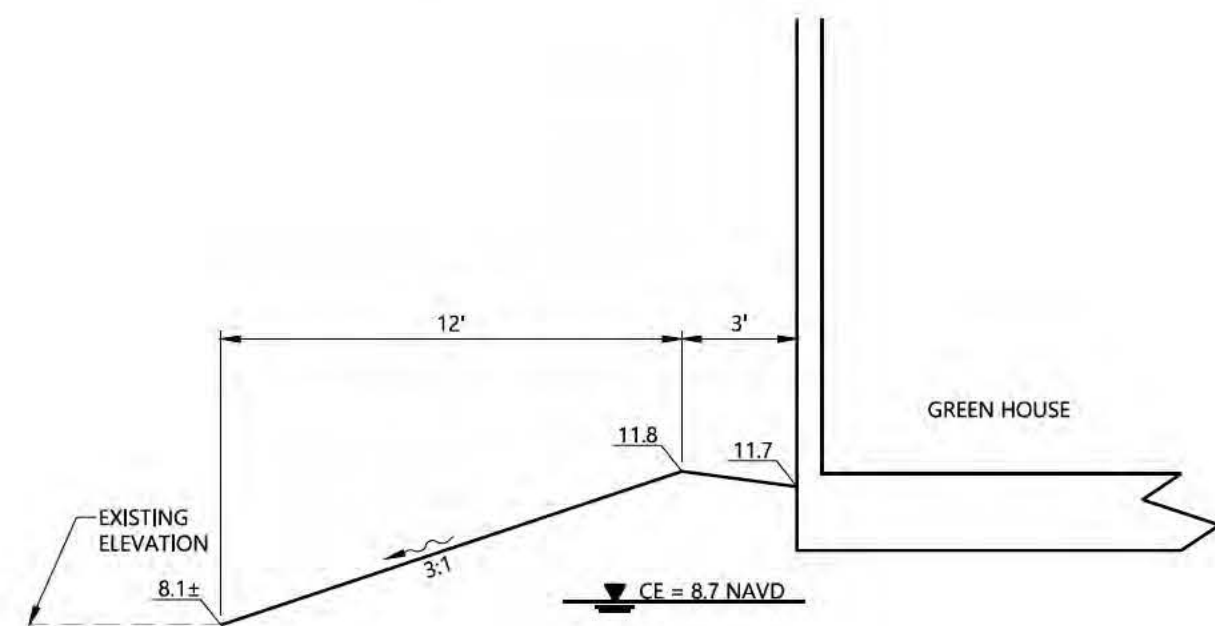
SECTION A-A



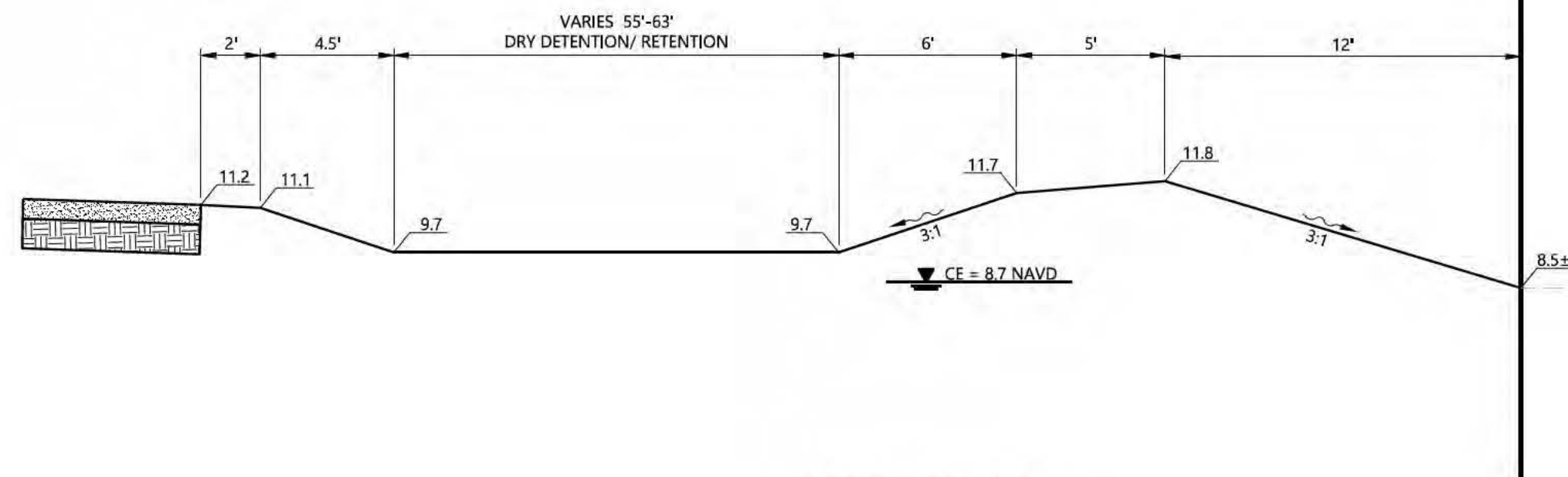
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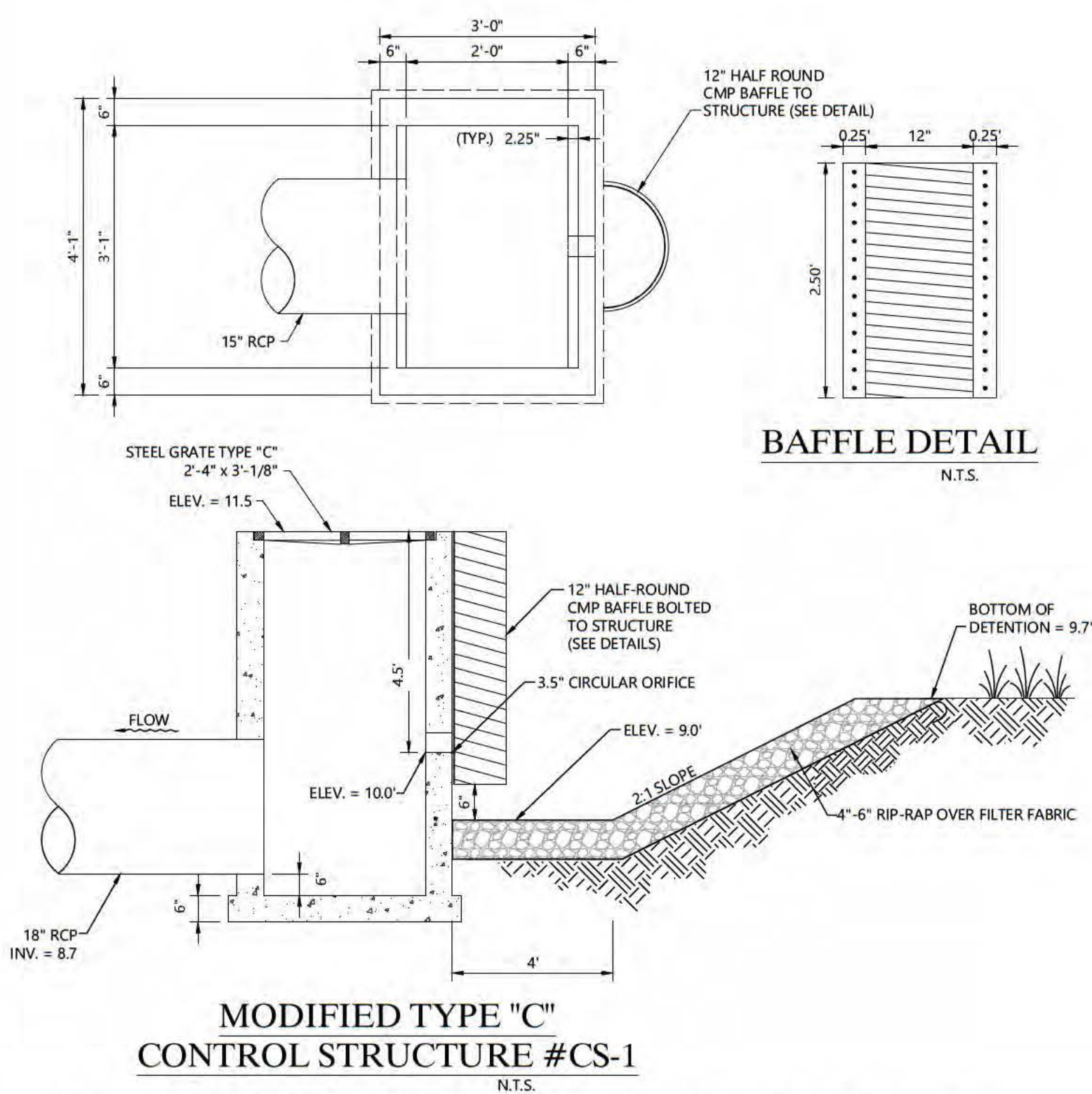
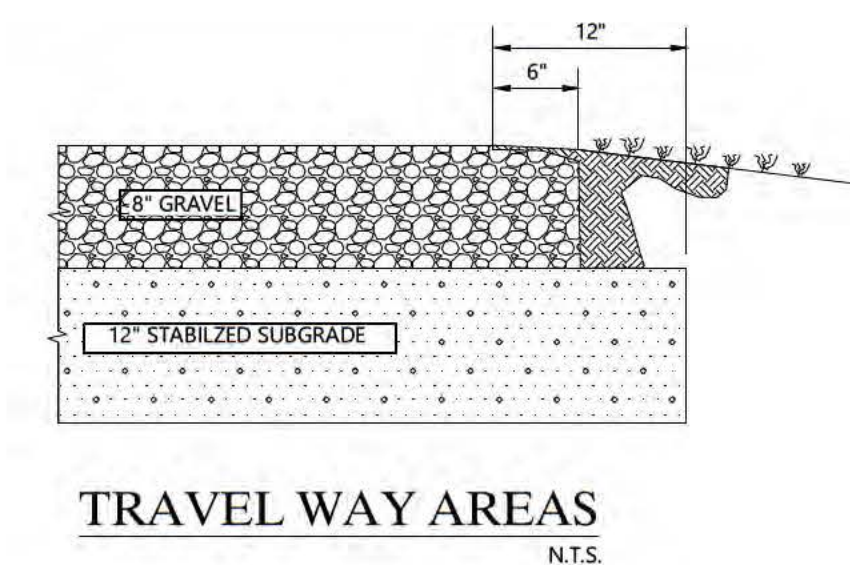
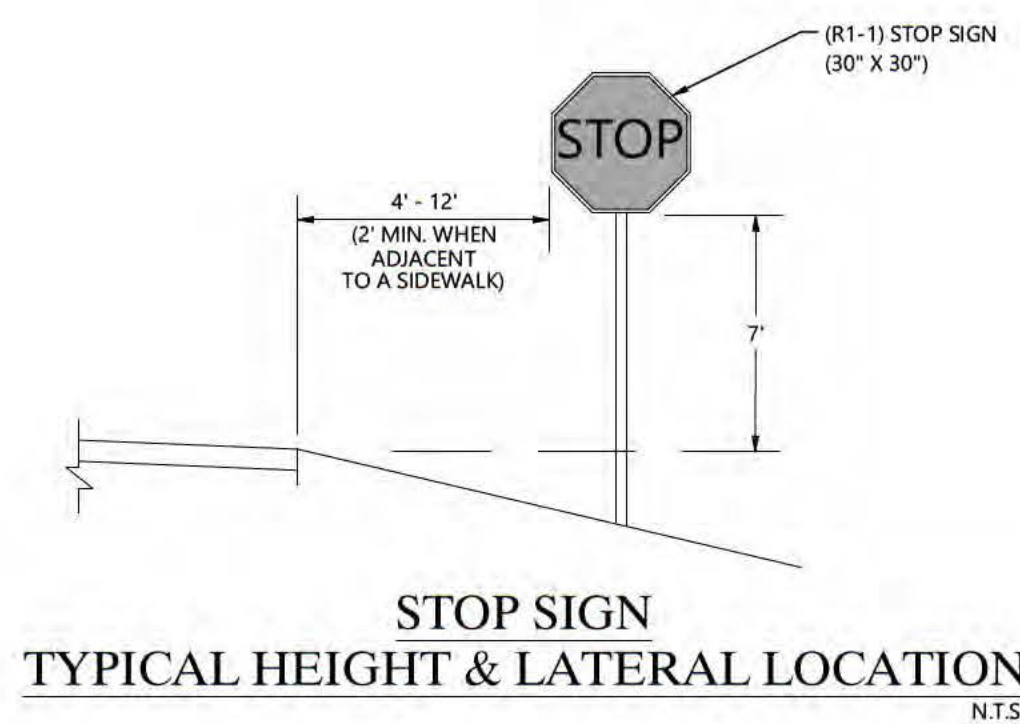
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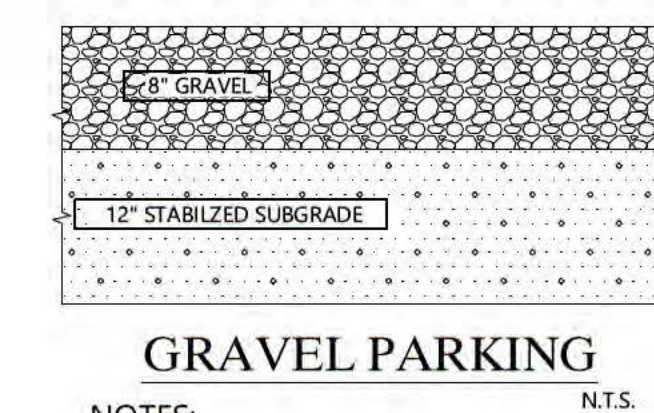
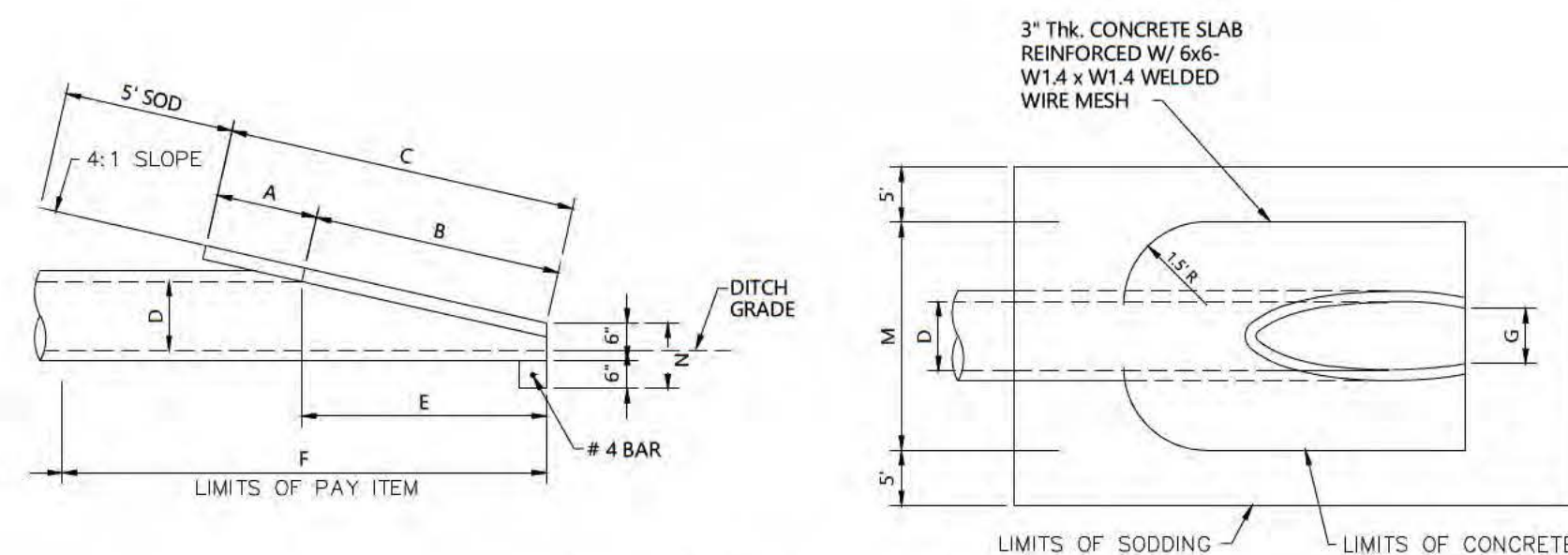
SECTION D-D



SECTION E-E



MITERED END DIMENSIONS								
D	A	B	C	E	F	G	M	N
15"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.63'	1.19'
18"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.92'	1.21'
24"	2.53'	7.18'	9.71'	7.03'	11'	1.73'	5.50'	1.25'
30"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	6.08'	1.29'



NOTES:

- GRAVEL SHALL HAVE A COMPRESSIVE STRENGTH OF 4000 P.S.I. IN 28 DAYS, UNLESS OTHERWISE NOTED.
- MINIMUM CONTROL JOINT SPACING 10FT x 10FT
- RECOMMENDED SAW-CUT DEPTH = 1 1/4"
- THE 12" STABILIZED SUBGRADE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY, PER AASHTO T-180.

December 5, 2017 4:59 PM K:\2016\160076\01.01 Local Greens Company Exp & Water Line Permitting\002 Exp Application Prep And Support\exp Plans\current Plans\sheet Files\04 1600760101 TS01.dwg

REV #	REVISION	DRAWN	CHECKED	DATE

RWA ENGINEERING

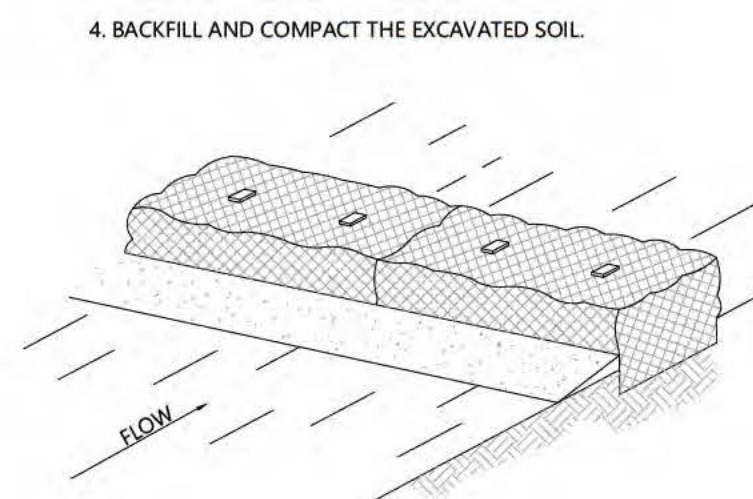
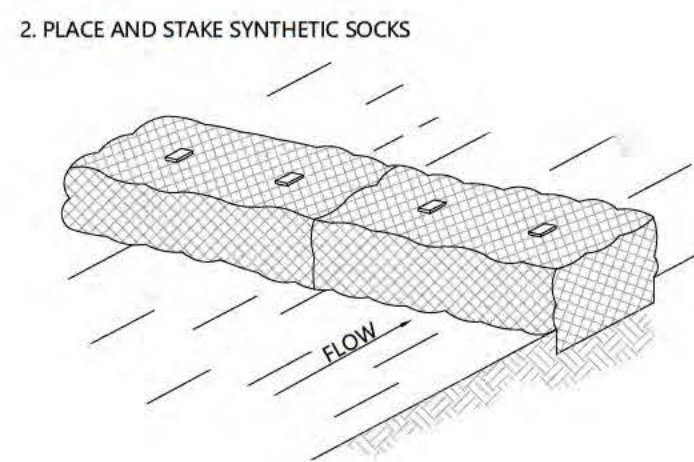
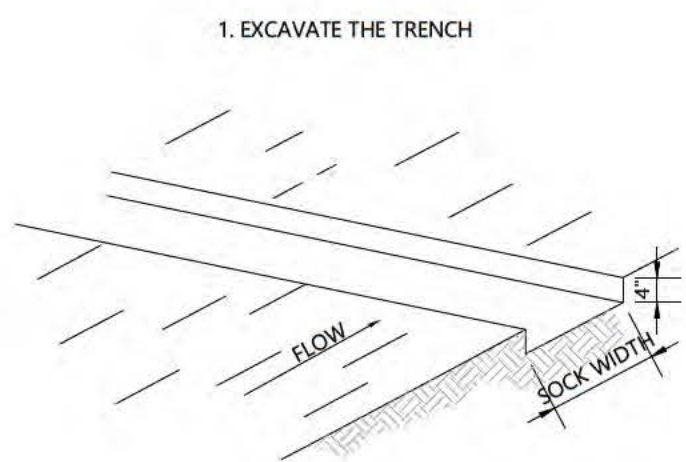
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EB 7663 LB 6952

DATE	NOV. 2017	DESIGNED	MCP
SIC	TWP. RGE	DRAWN	DLP
14	50 26E		
HORIZ. SCALE (FULL)		VERT. SCALE (FULL)	
1" = 100'		1" = 10'	

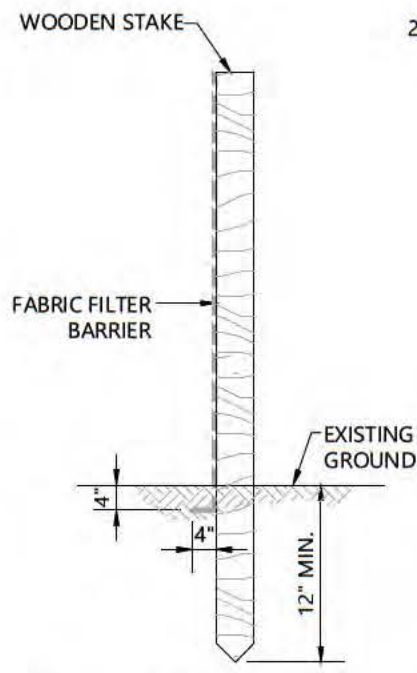
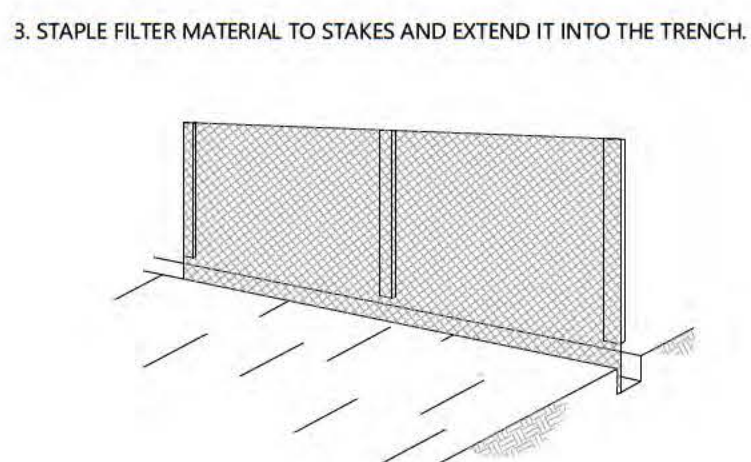
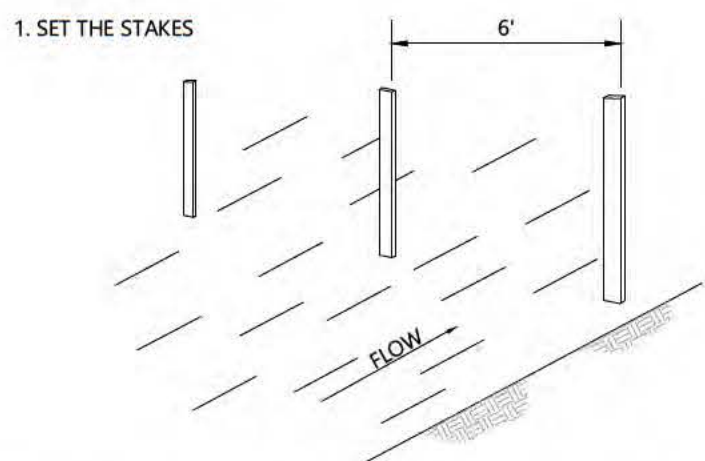
CLIENT:	LOCAL GREENS COMPANY, LLC
TITLE:	TYPICAL SECTIONS AND DETAILS

PROJECT:	LOCAL GREENS ENVIROMENTAL RESOURCE PERMIT PLANS
PROJECT NO:	160076.01.01
FILE NAME:	04 1600760101 TS01
SHEET NUMBER:	4 OF 5

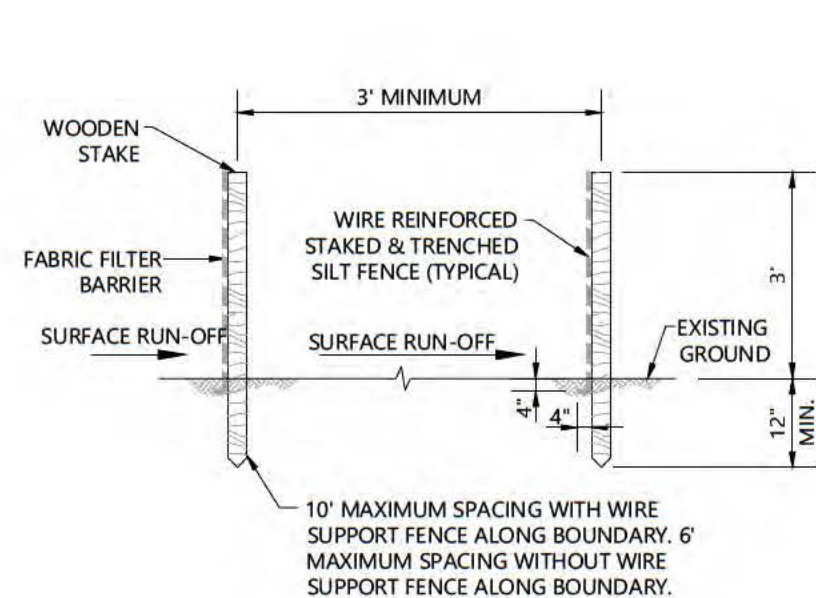
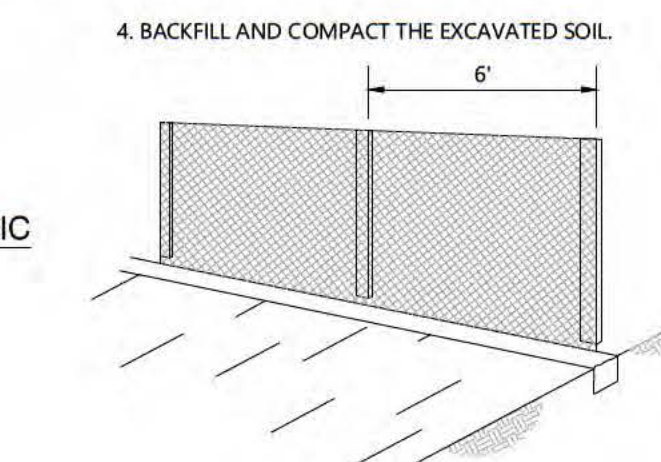
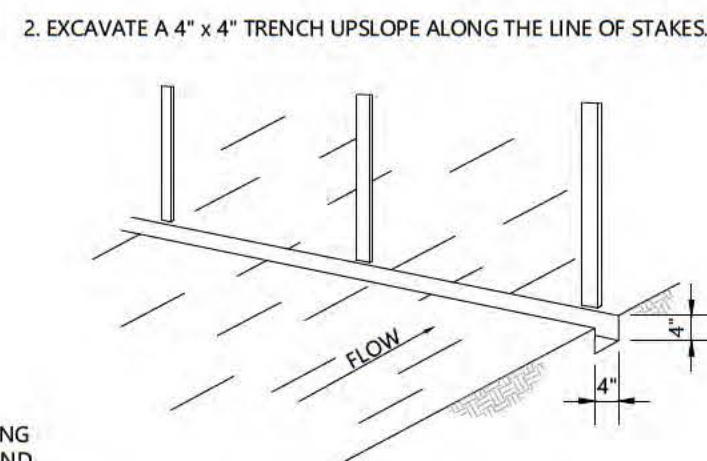
MICHAEL C. PAPPAS, P.E. FLORIDA LICENSE NO. 60910
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- CONSTRUCTION NOTES:**
1. A SYNTHETIC FILTER SOCK SHALL BE A PHOTODEGRADABLE OF BIODEGRADABLE MESH NETTING MATERIAL PROVIDING A MINIMUM OF 9 MONTHS EXPECTED USABLE LIFE AT A TEMPERATURE RANGE OF 0°F TO 120°F.
 2. THE MEDIA WITHIN THE FILTER SOCK SHALL CONTAIN COMPOSTED MATERIAL SUITABLE FOR REMOVING SOLIDS AND SOLUBLE POLLUTANTS FROM STORMWATER RUNOFF.
 3. SOCKS ARE AVAILABLE IN 9-INCH, 12-INCH, 18-INCH, AND 24-INCH DIAMETERS FOR A VARIETY OF APPLICATIONS AND MAY BE STACKED FOR INCREASED STORAGE CAPACITY.
 4. POSTS FOR THE FILTER SOCK SHALL BE 2 X 2 INCHES WOOD (PREFERRED), OR EQUIVALENT METAL WITH A MAXIMUM HEIGHT OF 3 FEET.
 5. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 8 INCHES IN CLAY SOILS OR 12 INCHES FOR SAND SOILS. FOR USE ON PAVEMENT, HEAVY CONCRETE BLOCKS SHALL BE USED BEHIND THE FILTER SOCKS FOR STABILIZATION.
 6. A MINIMUM OF 1 FOOT OVERLAP IS REQUIRED WHEN JOINING TWO FILTER SOCKS TOGETHER. TWO STAKES MUST BE DRIVEN THROUGH BOTH ADJOINING ENDS.
 7. FILTER SOCKS SHALL BE REMOVED OR CUT OPEN WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA IS PERMANENTLY STABILIZED.



STAKE & FILTER FABRIC BURIAL DETAIL



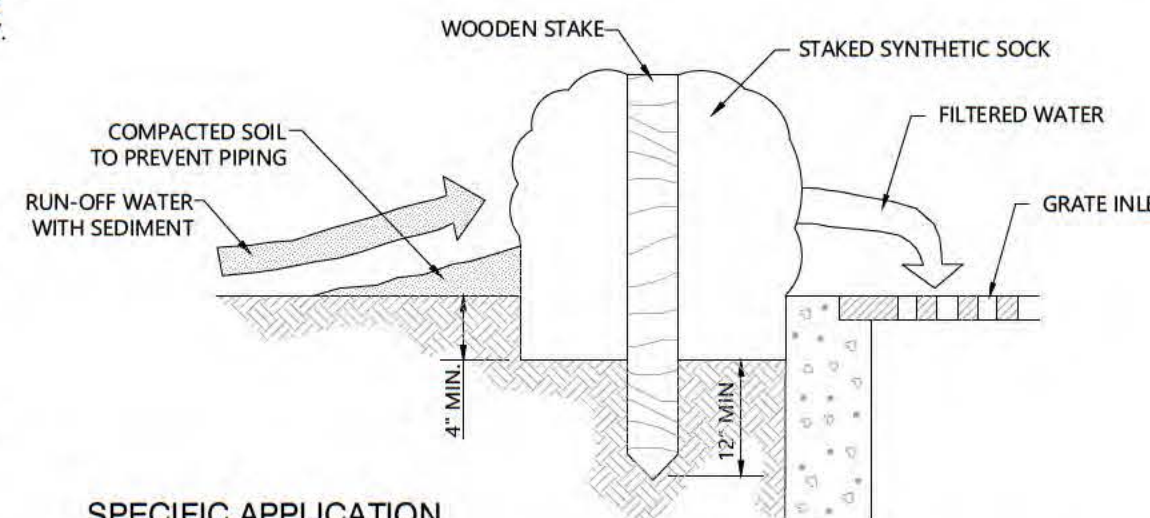
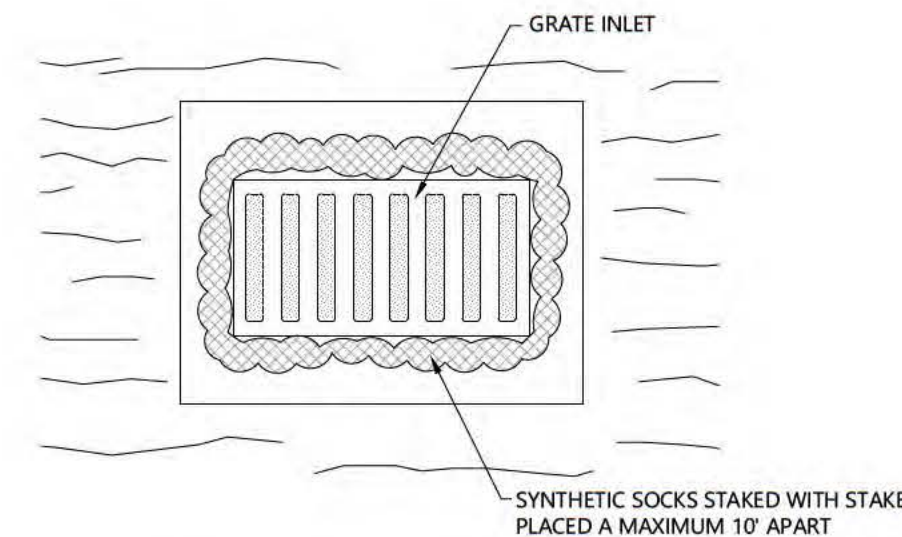
GENERAL NOTES:

PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFF-SITE AREAS. THE CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEVICES SHALL REMAIN IN PLACE UNTIL THE SURROUNDING AREAS ARE ESTABLISHED.

THE FOLLOWING MINIMUM REQUIREMENTS ARE RECOMMENDED: (REFERENCE FLORIDA DEVELOPMENT MANUAL, FDER, PPS 6-301 TO 6-500).

THESE BEST MANAGEMENT PRACTICES (BMP) ARE TYPICAL OF REQUIREMENTS FOR SOIL EROSION CONTROL PER LOCAL REQUIREMENTS. THEY MAY NOT CONSTITUTE COMPLETE REQUIREMENTS FOR COMPLIANCE WITH REGULATORY AGENCIES AND SPECIFIC PERMIT CONDITIONS.

- A) BMP 1.01 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
B) BMP 1.05 SYNTHETIC SOCK BARRIER
C) BMP 1.06 SILT FENCE
D) BMP 1.08 STORM INLET DRAIN PROTECTION



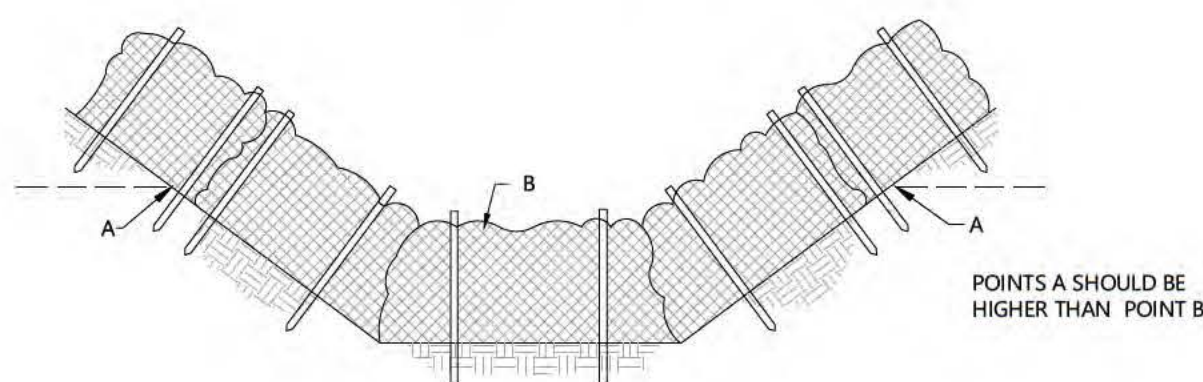
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

SYNTHETIC SOCK DROP INLET SEDIMENT FILTER

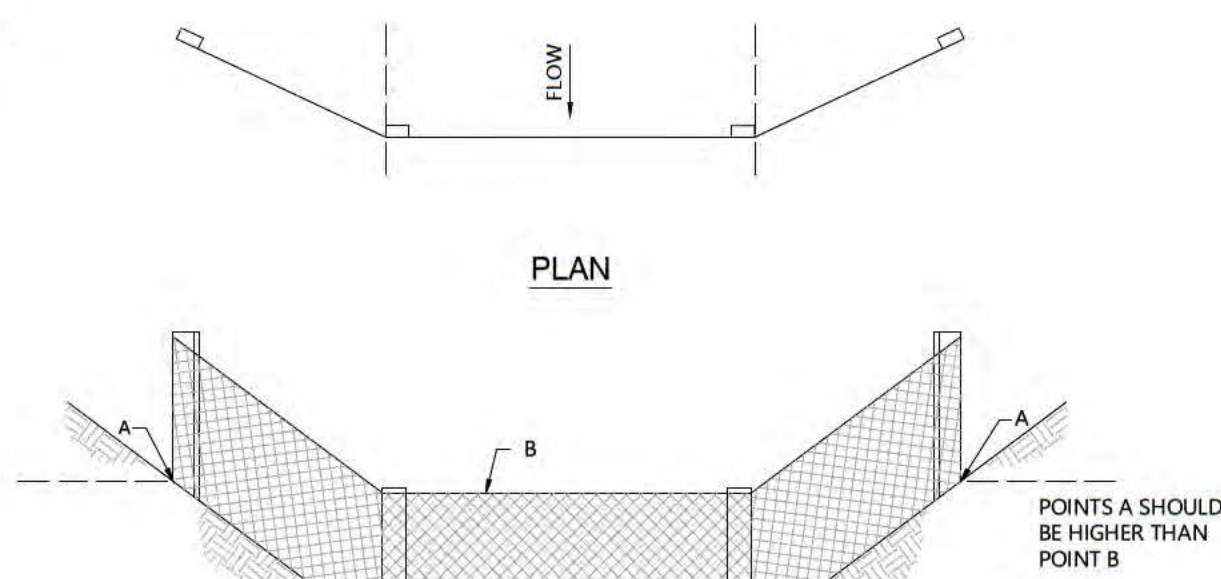
CONSTRUCTION OF A SYNTHETIC SOCK BARRIER

SOURCE: FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL BY FDER



ELEVATION

PROPER PLACEMENT OF SYNTHETIC SOCK BARRIER IN A DRAINAGE WAY



PLAN

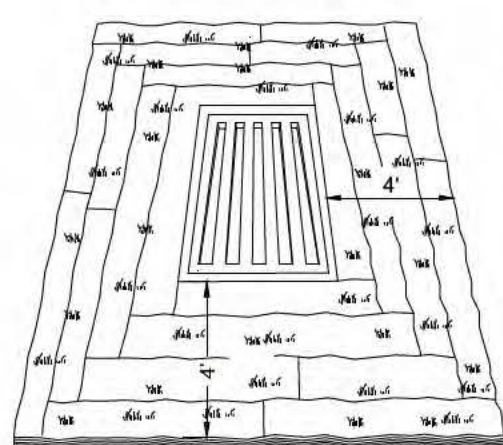
ELEVATION

PROPER PLACEMENT OF A FILTER BARRIER IN A DRAINAGE WAY

BMP 1.06 SILT FENCE

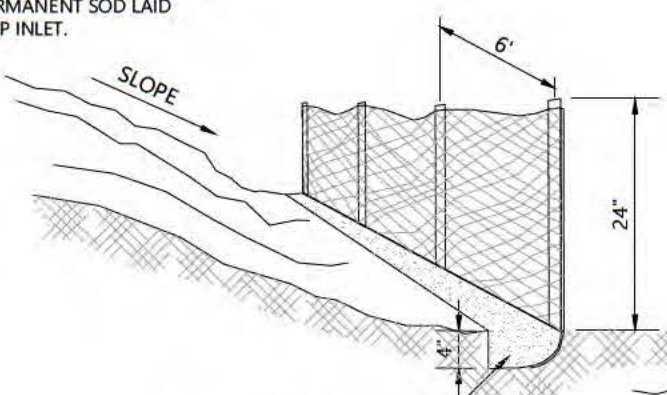
PLATE 1.06b

AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, THE BLOCK AND GRAVEL STRUCTURE WILL BE REMOVED AND PERMANENT SOD LAID AROUND THE DROP INLET.



4-12" WIDE STRIPS OF TALL FESCUE SOD ON EACH SIDE OF THE DROP INLET.

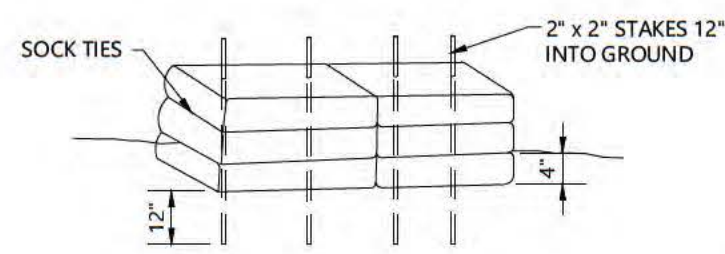
SOD DROP INLET PROTECTION



COMPACTED FILL OVER TOE OF FABRIC BURIED 4" DEEP

SEDIMENT FENCE DETAIL

SEDIMENTATION / EROSION CONTROL DETAIL



PROFILE ANCHORING SOCKS

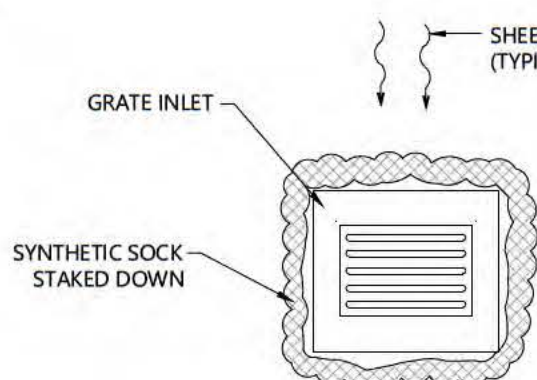
NOTE:

1. SINGLE ROW OF SYNTHETIC SOCKS TO BE PLACED PRIOR TO THE START OF ROUGH GRADING
2. SECURELY BOUND SOCKS REQUIRED FOR DURABILITY

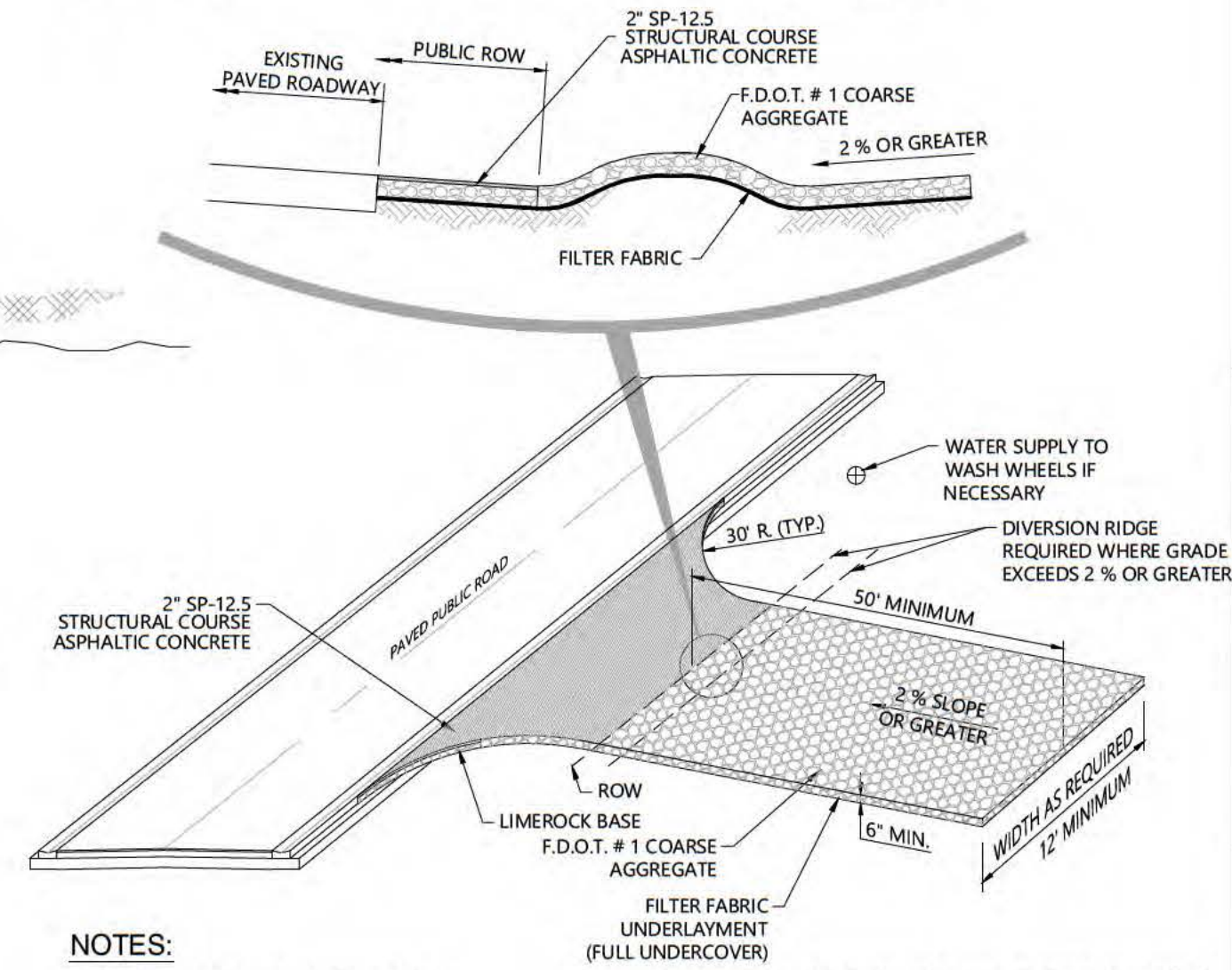
TEMPORARY SYNTHETIC SOCK SEDIMENT BARRIER

(TYPICAL FOR ALL GRATE INLETS)

N.T.S.



PLAN



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT 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 GRAVEL CONSTRUCTION ENTRANCE

N.T.S.

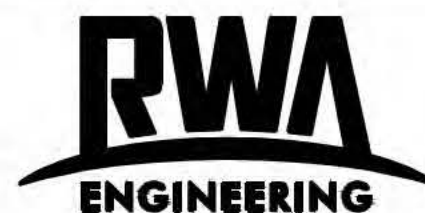
BMP 1.01 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
SOURCE: VIRGINIA DIVISION OF SOIL AND WATER CONSERVATION

SOURCE: VASWCC
PLATE 1.01a

BMP 1.01 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

December 5, 2017 4:46 PM K:\2016\160076\01.01 Local Green Company Exp & Water Line Permitting\002 Exp Application Prep And Support\exp Plans\current Plans\sheet Files\05 1600760101 EC01.dwg

REV #	REVISION	DRAWN	CHECKED	DATE



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www.consult-nwa.com
Florida Certificates of Authorization
EB 7663 LB 6952

DATE: NOV. 2017			DESIGNED: MCP		
SEC: TWP: RGE: 14 50 26E			DRAWN: DLP		
HORIZ. SCALE (FULL): #####			VERT. SCALE (FULL): N/A		
HORIZ. SCALE (HALF): 1" = ###'			VERT. SCALE (HALF): N/A		

CLIENT:	LOCAL GREENS COMPANY, LLC
TITLE:	EROSION CONTROL PLAN

PROJECT:	LOCAL GREENS ENVIROMENTAL RESOURCE PERMIT PLANS
PROJECT NO.:	160076.01.01
FILE NAME:	05 1600760101 EC01
SHEET NUMBER:	5 OF 5

MICHAEL C. PAPPAS, P.E.
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