



FLORIDA DEPARTMENT OF Environmental Protection

Southeast District Office
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
561-681-6600

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

February 18, 2022

STATE 404 PROGRAM PUBLIC NOTICE

Permit Application No. 13-396357-001-SFI

TO WHOM IT MAY CONCERN: The Department of Environmental Protection has received an application for a State 404 Program permit pursuant to 62-331, Florida Administrative Code, as described below:

APPLICANT: D.R. Horton, Inc.
C/o Karl Alberston
6123 Lyons Rd., Suite 100
Coconut Creek, FL. 33073
kkalberston@drhorton.com

LOCATION: Aquarela or Baywood II development site is located just east of the terminus of Florida's Turnpike/S Dixie Highway, immediately north of Palm Dr. and east of SW 172nd Ave, Florida City, in Miami-Dade, Florida, Section 19, Township 57E, Range 39S.

APPROXIMATE CENTRAL COORDINATES:
Latitude N 25° 26' 58.61", Longitude W-80° 28' 04.85".

PROJECT PURPOSE: The Applicant seeks to develop a single-family residential subdivision near the southern terminus of the Florida Turnpike in the City of Florida City ("the City"), in Miami-Dade County, Florida area. The City, and Miami-Dade County overall, have experienced a significant amount of population growth in the last few years which has intensified with the increased migration throughout the COVID-19 pandemic. The unforeseen population growth has exacerbated the housing affordability and availability crisis through-out Miami-Dade County. South Florida continues to encounter an influx of residents relocating from other states seeking warmer weather, larger homes with space for teleworking, as well as outdoor-oriented areas for their children to play. Florida City is an area experiencing strong growth. The local need has shown demand currently exists for the development of moderately priced single-family homes and the proposed project will meet the needs of middle-class families who are seeking

home ownership in this area. Additionally, the project will advance the quality of life of the City's residents by the development of quality homes, cultivating the aesthetic character of surrounding neighborhoods and fostering economic growth in the City.

PROPOSED WORK: The applicant seeks authorization to fill approximately 18.91 acres of wetlands for the construction of residential development, associated drainage, and road right of ways.

EXISTING CONDITIONS: The property proposed for development is former cropland that has succeeded into an exotic-dominated disturbed wet prairie with little wetland understory. Dominant vegetation on-site is Brazilian pepper, elephant grass and bishopwood, all listed as Category 1 invasive exotics by the Florida Exotic Pest Plant Council. The mostly closed canopy does not allow for a diverse wetland understory. Scattered saltbush and leather fern are the rare wetland plants observed in the mid-canopy and understory. The soils on-site were confirmed to be Perrine marl, drained. Functional assessments approved by Florida Department of Environmental Protection, South Florida Water Management District (SFWMD) and Miami-Dade DERM.

AVOIDANCE AND MINIMIZATION INFORMATION: The applicant explored nineteen possible alternatives and the proposed project was identified as the least environmentally damaging practicable alternative.

COMPENSATORY MITIGATION: The applicant proposes to impact 18.91 acres of freshwater herbaceous wetlands dominated by exotic vegetation, resulting in the loss of 7.35 herbaceous wetland functional units. The applicant has mitigated for impacts to wetlands through the purchase of 7.72 palustrine mitigation credits from the Everglades National Park Hole-in-the-Donut Mitigation Bank.

CULTURAL RESOURCES: Coordination with the State Historic Preservation Office (SHPO) and Tribal Historic Preservation Office (THPO) resulted in no comments. By copy of this public notice, the Department 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 Office and those federally recognized tribes with concerns in Florida and the permit area.

ENDANGERED SPECIES: The Department, in coordination with the US Fish and Wildlife Service and the Florida Fish and Wildlife Conservation Commission, has yet to determine the potential effects to listed species. By copy of this public notice, the Department is providing information for review. Our final determination relative to historic resource impacts is subject to review by and coordination with the US Fish and Wildlife Service and the Florida Fish and Wildlife Conservation Commission.

COMMENTS regarding the potential authorization of the work proposed should be submitted in writing to David White at 3301 Gun Club Rd, MSC 7210-1. West Palm Beach, FL. 33406, or by electronic mail at David.N.White@FloridaDEP.gov, within 30 days from the date of this notice. Written comments will be made part of the record and should reference the above permit application number. Objections must be factual, specific, and fully describe the reasons upon which any objection is founded. Any comments received will be considered by the Department to determine whether to issue, modify, condition, or deny a permit for this proposal. Unless a written request is filed with the Department within the 30-day public comment period, the Department may decide on the application without a public meeting.

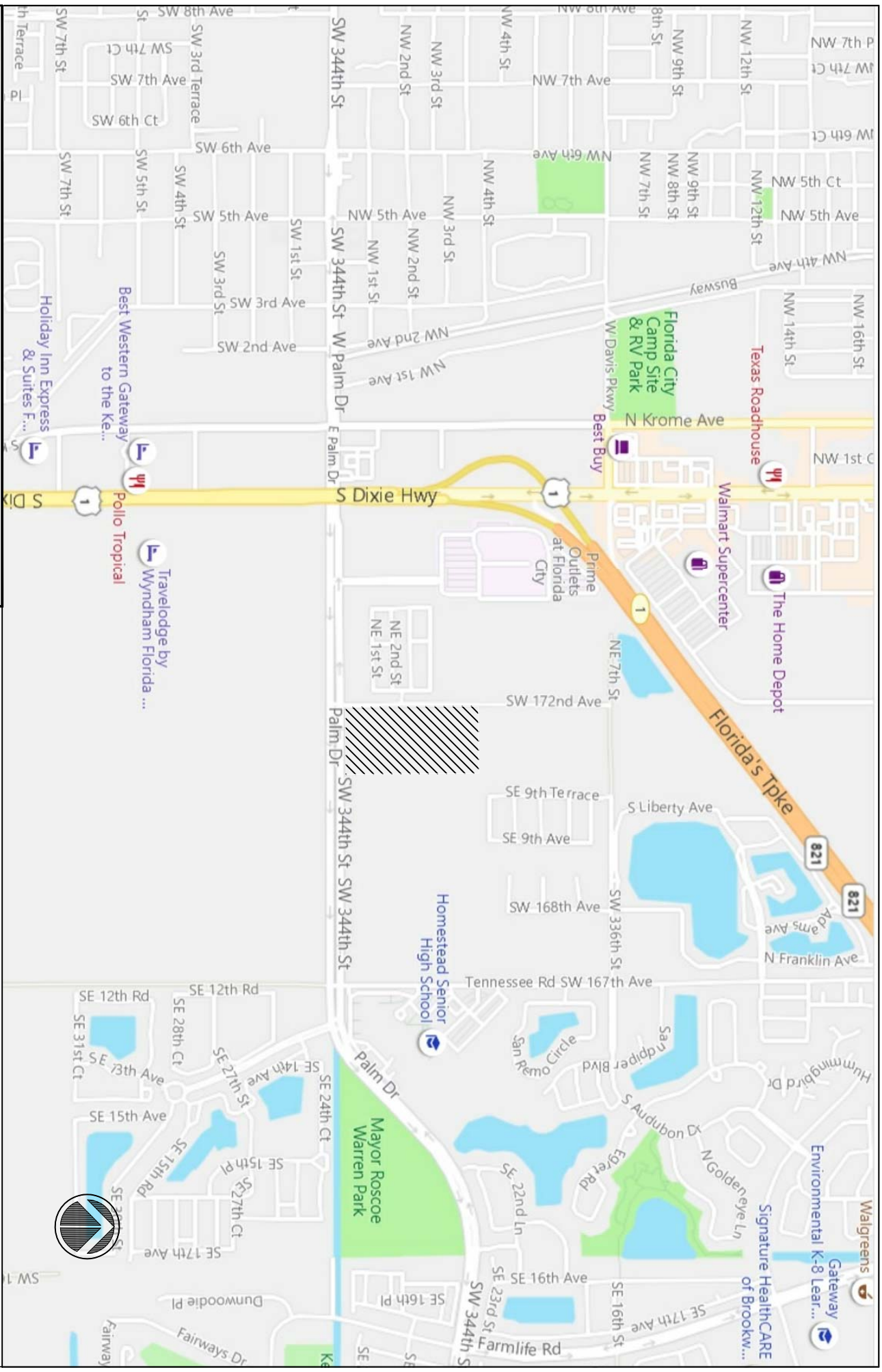
EVALUATION: The determination as to whether a permit will be issued, or a public meeting held, will be based on an evaluation of all relevant factors, including the public comments received and the effect of the proposed work on the public interest, including, but not limited to, fish, wildlife, historical resources, and pollution. The specific permit decision criteria can be found in Chapter 62-331, Florida Administrative Code.

The Department 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. To make this consideration, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and other public interest factors. Comments are also used to determine the need for a public meeting and to determine the overall public interest of the proposed activity.

FOR FURTHER INFORMATION regarding this application, contact the project manager, David White at 3301 Gun Club Rd, MSC 7210-1. West Palm Beach, FL. 33406, or by electronic mail at David.N.White@FloridaDEP.gov or by phone at (561 681-6649).

REQUEST FOR PUBLIC MEETING: Any person may request a public meeting. The request must be submitted to David White within the designated comment period of the notice and must state the specific reasons for requesting the public meeting.

Attachments to be included: (plan and elevation drawing showing the general and specific site location and character of all proposed activities, including the size relationship of the proposed structures to the size of the impacted waterway and depth of water in the area)



Macken Environmental, Inc.
 8101 Biscayne Blvd. #R508
 Miami, Florida 33138
 PH. (305) 898-1250
 kennym@mackenviro.com

PROJECT:	Aquarela Homes	
SHEET NAME:	Location Map	
PREPARED FOR:	Aquarela Homes, Inc.	
PROJECT No:	2019-25	Date: 1/17/20
Scale:	NTS	
Sheet:	1	

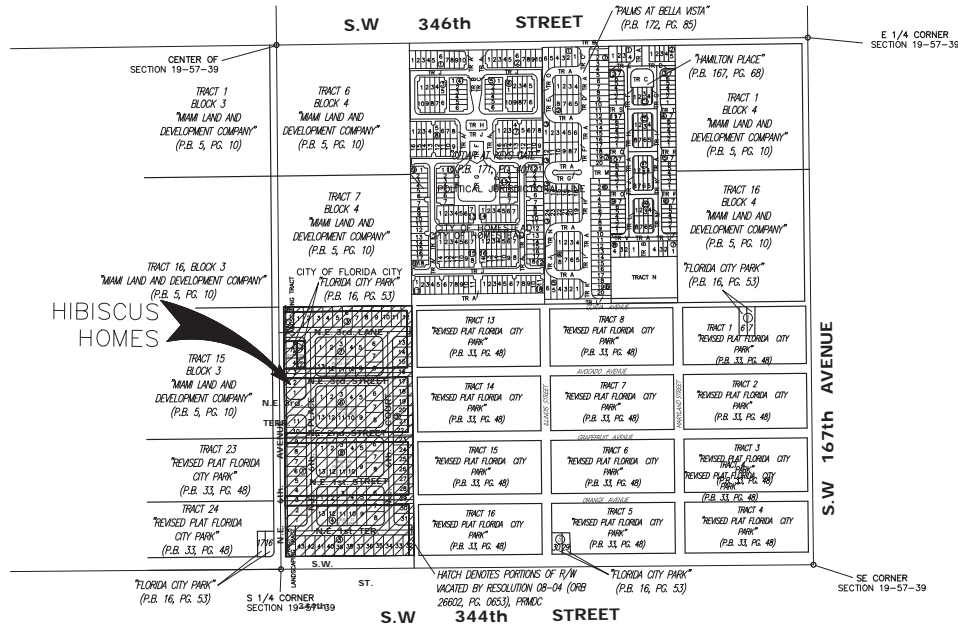
HIBISCUS HOMES T-24174 SECTION 19-57-39

TRAFFIC GENERAL NOTES & CONDITIONS

1. ENGINEER SHALL PREPARE SIGNING & PAVEMENT MARKINGS PLANS IN A SEPARATE SHEET (1"=50' SCALE MINIMUM).
2. ENGINEER SHALL VISIT SITE & VERIFY FIELD CONDITIONS BEFORE PREPARING PROPOSED SIGNING & PAVEMENT MARKING PLANS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS AND SIGNS CONFLICTING WITH THE PROPOSED ROADWAY CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL PAVEMENT MARKINGS AND SIGNS AS SHOWN IN THE PLANS AND APPLICABLE TRAFFIC DESIGN STANDARDS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT AND AT ALL INTERSECTING SIDE STREETS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF REFLECTIVE PAVEMENT MARKERS ALONG THE ENTIRE LENGTH OF THE PROJECT.
7. ANY SIGNING MATERIAL, INCLUDING SUPPORTS TO BE REMOVED, SHALL BE DELIVERED BY THE CONTRACTOR TO DADE COUNTY'S TRAFFIC SIGNALS AND SIGNS MAINTENANCE FACILITY LOCATED AT 7100 NW 36 STREET, MIAMI, FLORIDA.
8. SIGN ASSEMBLY LOCATIONS SHOWN IN THE PLANS WHICH ARE IN CONFLICT WITH STREET LIGHTING UTILITIES, DRIVEWAYS, PEDESTRIAN RAMPS ETC. MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER/INSPECTOR.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PEDESTRIAN RAMPS AND CROSSWALKS WHERE SIDEWALK EXISTS AND/OR PROPOSED (ADA) (TYP.-P/W).

GENERAL NOTES

1. ELEVATIONS SHOWN REFER TO N.G.V.D. 1929.
2. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION.
3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE, SIZE, AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION.
4. ALL WORK, MATERIALS AND RESTORATION SHALL CONFORM TO THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS.
5. IT IS THE INTENT OF THESE PLANS TO COMPLY WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. IT IS THE OWNER'S AND/OR THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY CONSTRUCTION AND MAINTENANCE EASEMENTS THAT MAY BE REQUIRED FOR THIS PROJECT.
7. DIMENSIONS AS SHOWN ON THE PLANS ARE APPROXIMATE, FOR EXACT DIMENSIONS, SEE FINAL PLAT OR SITE PLAN AS PREPARED BY A PROFESSIONAL SURVEYOR AND MAPPER, FIELD LAY-OUT OF THE WORK SHALL BE AS PER THE FINAL PLAT OR SITE PLAN PREPARED BY A PROFESSIONAL SURVEYOR AND MAPPER.
8. EXFILTRATION TRENCHES TO BE CONSTRUCTED WITH 15" PIPE UNLESS OTHERWISE NOTED.
9. THE ENGINEER IS NOT RESPONSIBLE FOR COORDINATING THE WORK OF OTHER UTILITIES, SUB-CONSULTANTS OR TRADES. IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE COORDINATION FOR, BUT NOT LIMITED TO, THE LOCATION OF WATER, SEWER, AND DRAINAGE UTILITIES, AS WELL AS THE SERVICES WITH THE LOCATION OF DRIVEWAYS, RAMPS, LANDSCAPING, OTHER INFRASTRUCTURE IMPROVEMENTS AND OTHER SURFACE FEATURES.
10. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO ORDERING STRUCTURES AND OTHER MATERIALS.
11. DADE COUNTY FLOOD CRITERIA ELEVATION: 6.3 N.G.V.D.
12. OCTOBER WATER LEVEL ELEVATION: 3.0 N.G.V.D.
13. FEMA ELEVATION: AH-9 N.G.V.D.
14. MIN FF ELEVATION (SEE PLANS) N.G.V.D.
15. CONTRACTOR SHALL USE FDOT INDEX 600 SERIES FOR MAINTENANCE OF TRAFFIC AND MOT MUST BE PROVIDED FOR APPROVAL PRIOR TO BEGINNING WORK.



LOCATION MAP
SE 1/4 OF SECTION 19-57-39
SCALE: 1"=300'

Always call 811 two full business days before you dig

INDEX OF SHEETS

COVER SHEET	SHEET 1 OF 5
PAVING & DRAINAGE	SHEET 2 OF 5
DETAILS	SHEET 3 OF 5
DETAILS	SHEET 4 OF 5
DETAILS	SHEET 5 OF 5

CONTACT PERSON INFORMATION

NAME: SHARON AYLWARD COX
TELEPHONE NO.: 305-827-2216
EMAIL: AYLWARDENGINEER@GMAIL.COM

THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLIES WITH THE INTENT OF THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", AS ADOPTED BY THE STATE OF FLORIDA LEGISLATURE, CHAPTER 72-328, FS.

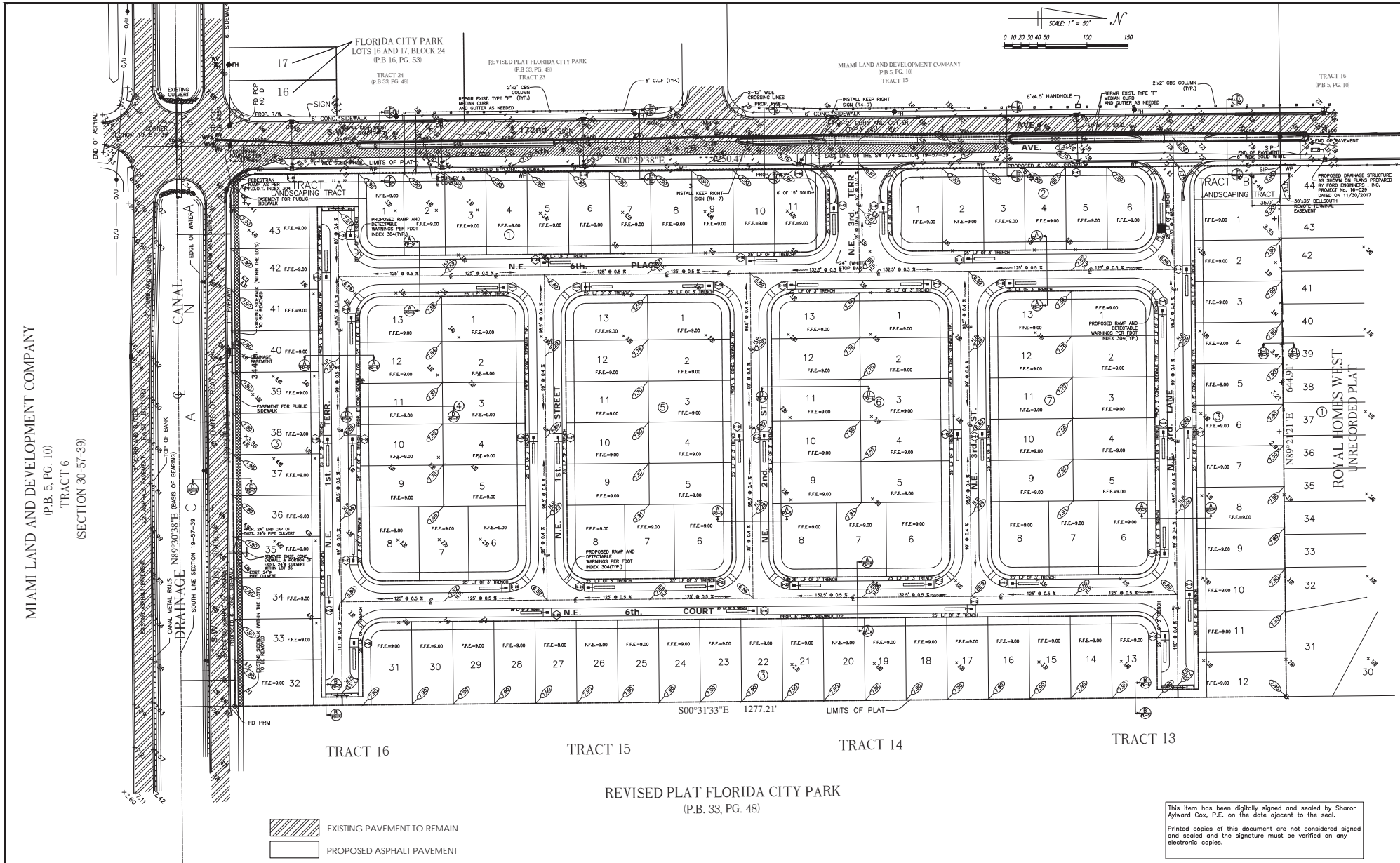
Sharon Aylward Cox
Digitally signed by Sharon Aylward Cox
Date: 2020.06.24 14:49:56 -04'00'



This item has been digitally signed and sealed by Sharon Aylward Cox, P.E., on the site adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SHARON AYLWARD COX
PE No. 43906
STATE OF FLORIDA
06/24/2020

	DRAWN _____	PROJECT NAME: HIBISCUS HOMES T-24174	SHEET TITLE: COVER	 AYLWARD ENGINEERING & SURVEYING, INC. CIVIL ENGINEERS & LAND SURVEYORS 465 Archaic Drive, Winter Haven, Florida 33880 954-424-5852 or 305-827-2216 EB/LB No. 5183 aywardengineer@gmail.com	CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT SITE BEFORE PROCEEDING W/WORK DATE: <u>6/24/2020</u> SCALE: 1"=50' PROJ. NO.: <u>20-107</u>	SHEET 1 OF 5
NO.	REVISION	DATE	APPROVED _____			



This item has been digitally signed and sealed by Sharon Aylward Cox, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

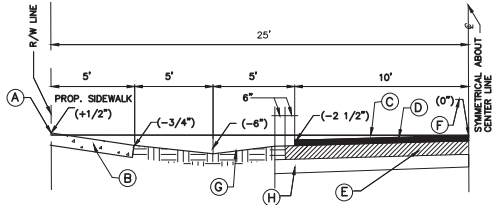
NO.	REVISION	DATE

DRAWN _____
 CHECKED _____
 APPROVED -SAC _____
 PROJECT NAME:
HIBISCUS HOMES
T-24174

SHEET TITLE
PAVING & DRAINAGE

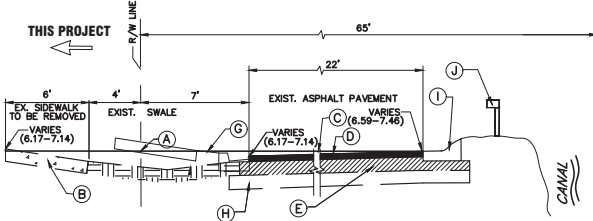

AYLWARD ENGINEERING & SURVEYING, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 465 Archaic Drive, Winter Haven, Florida 33880
 954-424-5852 or 305-827-2216
 EB/LB No. 5183
 aywardengineer@gmail.com

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT SITE BEFORE PROCEEDING W/WORK
 DATE: 6/24/2020
 SCALE: 1"=50'
 PROJ. NO.: 20-107
 SHEET **2** OF **5**



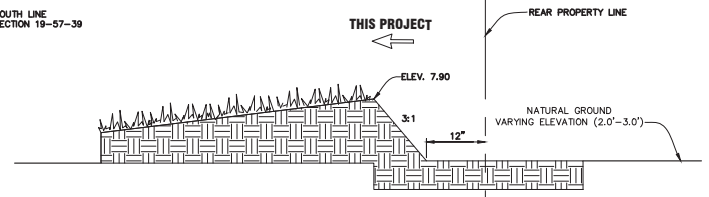
TYPICAL SECTION A-A
N.T.S.

- (A) RIGHT-OF-WAY LINE AT OR ABOVE FLOOD CRITERIA
- (B) CONCRETE SIDEWALK
- (C) LEVEL LINE
- (D) ASPHALTIC CONCRETE SURFACE COURSE 2" THICK (1" SP 12.5, 1" FC 9.5)
- (E) 8" BASE COURSE, PRIMED ENTIRE WIDTH
- (F) OFFSET FROM LEVEL LINE
- (G) SWALE (SOLID SOD), SEE R14.6 FOR SPECIAL DRAINAGE CONDITION
- (H) STABILIZED SUBGRADE (12") (LBR 40)



TYPICAL SECTION C-C
N.T.S.

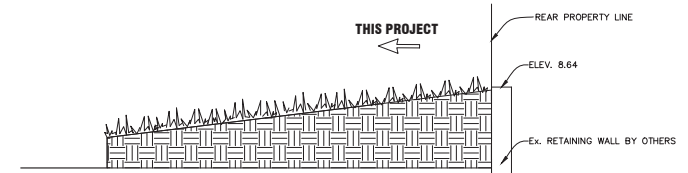
- (A) RIGHT-OF-WAY LINE AT OR ABOVE FLOOD CRITERIA
- (B) EXISTING CONCRETE SIDEWALK TO BE REMOVED
- (C) LEVEL LINE
- (D) EXISTING ASPHALTIC CONCRETE SURFACE
- (E) EXISTING BASE COURSE, PRIMED ENTIRE WIDTH (8")
- (F) EXISTING SWALE
- (G) SWALE (SOLID SOD), SEE R14.6 FOR SPECIAL DRAINAGE CONDITION
- (H) EXISTING STABILIZED SUBGRADE (12")
- (I) EX. 2' CURB & GUTTER (TYPE "E" MEDIAN CURB)
- (J) EX. GUARDRAIL



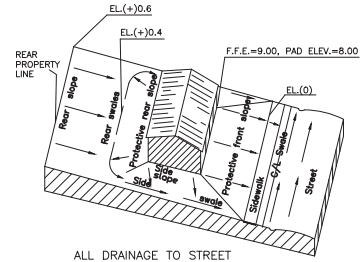
TYPICAL SECTION B-B
N.T.S.

ITEM	CROSS REF.	SPEC. REF.
STABILIZING		SEC 39
CONCRETE SIDEWALK	R-131	SEC 145
ASPHALTIC CONCRETE		SEC 139
BASE COURSE		SEC. 51

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE SIZE	INLET TYPE	USF FRAME & GRATE	R/W THROAT OR FLOW LINE ELEVATION	INVERT ELEVATION	LENGTH OF 18" SOLID PIPE	LENGTH OF 15" SOLID PIPE	LENGTH OF 15" PERF. PIPE	LENGTH OF 18" PERF. PIPE	BAFFLE, BOTTOM ELEV.	BOTTOM OF STRUCTURE ELEV.	
1	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
2	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
3	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
4	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
5	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
6	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
7	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
8	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
9	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
10	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
11	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
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22	P	42" ROUND	INLET	4700 HINGED	6.39	3.0	0	5	25	0	1.5	-0.5	
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42	P	42" ROUND	INLET	4700 HINGED	5.97	3.0	0	5	25	0	1.5	-0.5	
43	P	42" ROUND	INLET	SD-3.4 TYPE 6	6.72	2.75	0	5	0	0	N/A	0.75	
44	P	42" ROUND	INLET	SD-3.4 TYPE 6	6.72	2.75	0	5	0	0	N/A	0.75	
45	P	42" ROUND	INLET	SD-3.4 TYPE 6	6.72	2.75	0	5	0	0	N/A	0.75	
46	P	42" ROUND	INLET	SD-3.4 TYPE 6	6.72	2.75	0	5	0	0	N/A	0.75	
47	P	42" ROUND	INLET	SD-3.4 TYPE 6	6.72	2.75	0	5	0	0	N/A	0.75	
48	P	42" ROUND	INLET	SD-3.4 TYPE 7	5.82	2.75	0	53	0	0	N/A	0.75	
TOTAL L.F. OF 4" TRENCH:												1050	
TOTAL L.F. OF 15" SOLID PIPE:												284	0
TOTAL L.F. OF 15" SOLID PIPE:												1050	0
TOTAL L.F. OF 15" PERFORATED PIPE:												0	0
TOTAL L.F. OF 18" PERFORATED PIPE:												0	0



TYPICAL SECTION B-1 - B-1
N.T.S.



ALL DRAINAGE TO STREET
LOT GRADING
SECTION D-D
N.T.S.

This item has been digitally signed and sealed by Sharon Aylward Cox, P.E. on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

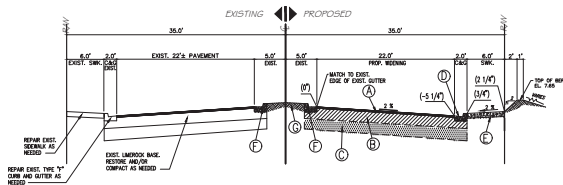
DRAWN	PROJECT NAME:
CHECKED	HIBISCUS HOMES
APPROVED	T-24174
NO.	REVISION
	DATE

SHEET	3
OF	5

SHEET TITLE	DETAILS
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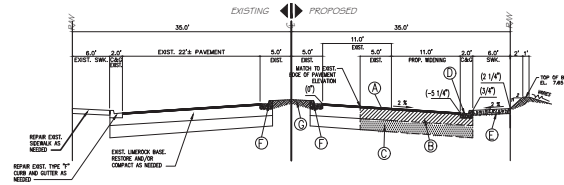
AYLWARD ENGINEERING & SURVEYING, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 465 Archaic Drive, Winter Haven, Florida 33880
 954-424-5852 or 305-827-2216
 EB/LB No. 5183
 aylwardengineer@gmail.com

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT SITE BEFORE PROCEEDING W/WORK
DATE: 6/24/2020
SCALE: 1"=50'
PROJ. NO.: 20-197



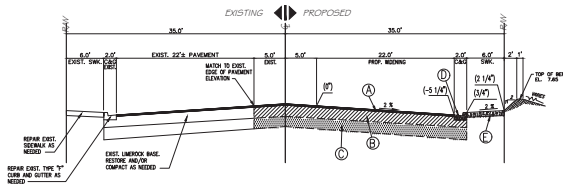
- Ⓐ ASPHALTIC CONCRETE SURFACE COURSE 2" THICK (1" SP 12.5, 1" FC 9.5)
- Ⓑ 8" BASE COURSE, PRIMED ENTIRE WIDTH
- Ⓒ 12" STABILIZED SUBGRADE
- Ⓓ PROP. TYPE "F" CURB AND GUTTER
- Ⓔ PROP. 6" CONCRETE SIDEWALK (4" THICK, 6" AT DRIVEWAY)
- Ⓕ PROP. TYPE "T" MEDIAN CURB AND GUTTER
- Ⓖ SOLID SOD

Ⓔ
PD-2 N.T.S.



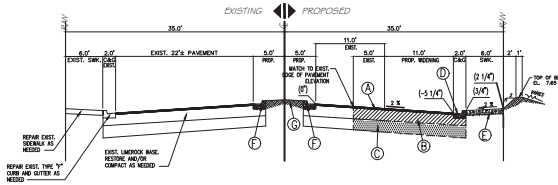
- Ⓐ ASPHALTIC CONCRETE SURFACE COURSE 2" THICK (1" SP 12.5, 1" FC 9.5)
- Ⓑ 8" BASE COURSE, PRIMED ENTIRE WIDTH
- Ⓒ 12" STABILIZED SUBGRADE
- Ⓓ PROP. TYPE "F" CURB AND GUTTER
- Ⓔ PROP. 6" CONCRETE SIDEWALK (4" THICK, 6" AT DRIVEWAY)
- Ⓕ PROP. TYPE "T" MEDIAN CURB AND GUTTER
- Ⓖ SOLID SOD

Ⓔ
PD-2 N.T.S.



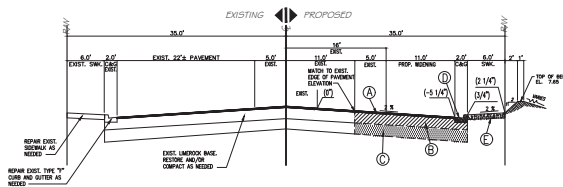
- Ⓐ ASPHALTIC CONCRETE SURFACE COURSE 2" THICK (1" SP 12.5, 1" FC 9.5)
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- Ⓓ PROP. TYPE "F" CURB AND GUTTER
- Ⓔ PROP. 6" CONCRETE SIDEWALK (4" THICK, 6" AT DRIVEWAY)

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PD-2 N.T.S.



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Ⓔ
PD-2 N.T.S.

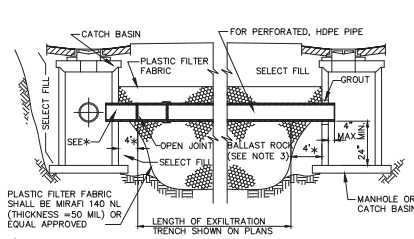


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Ⓔ
PD-2 N.T.S.

This item has been digitally signed and sealed by Sharon Aylward Cox, P.E. on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DRAWN _____		PROJECT NAME: HIBISCUS HOMES T-24174		SHEET TITLE DETAILS		AYLWARD ENGINEERING & SURVEYING, INC. CIVIL ENGINEERS & LAND SURVEYORS 465 Archaic Drive, Winter Haven, Florida 33880 954-424-5852 or 305-827-2216 EB/LB No. 5183 aylwardengineer@gmail.com		CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT SITE BEFORE PROCEEDING W/WORK DATE: <u>6/24/2020</u> SCALE: 1"=50' PROJ. NO.: <u>20-107</u>		SHEET 4 OF 5	
CHECKED _____		APPROVED <u>SAC</u> _____									
NO.	REVISION	DATE									

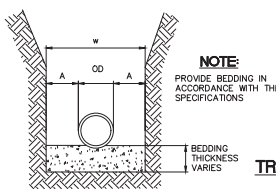


PLASTIC FILTER FABRIC SHALL BE MIRAFI 140 NL (THICKNESS =50 MIL) OR EQUAL APPROVED

*NO SLOTS OR PERFORATIONS ON THIS LENGTH OF PIPE

LONGITUDINAL SECTION EXFILTRATION TRENCH DETAIL
N.T.S.

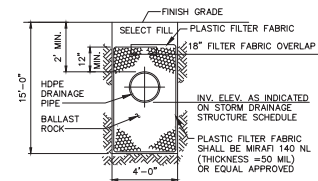
- NOTES**
1. PLASTIC FILTER FABRIC (AT EACH SIDE TOP AND BOTTOM) SHALL BE USED IN SANDY AREAS AS NOTED ON PLANS AND/OR AS DIRECTED BY THE ENGINEER.
 2. THE BOTTOM OF THE EXFILTRATION TRENCH SHALL BE 15'-0" BELOW EXISTING GROUND ELEVATION, UNLESS FIELD CONDITIONS WARRANT OTHERWISE.
 3. AFTER THE BALLAST ROCK HAS BEEN PLACED TO THE PROPER ELEVATION, IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER IN ORDER TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF IT DOES TAKE PLACE, ADDITIONAL BALLAST ROCK WILL BE ADDED TO RESTORE THE BALLAST ROCK TO THE PROPER ELEVATION, SO THAT THE EXFILTRATION TRENCH BE COMPLETED IN ACCORDANCE WITH THE DETAILS.



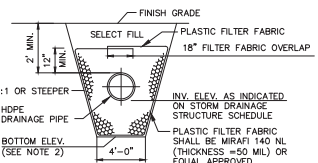
NOTE:
PROVIDE BEDDING IN ACCORDANCE WITH THE SPECIFICATIONS

PIPE DIA. 'OD'	MAXIMUM 'A'
6" TO 15"	8"
16" TO 21"	10"
24" TO 30"	12"

TRENCH CROSS SECTION FOR DRAINAGE PIPE
N.T.S.

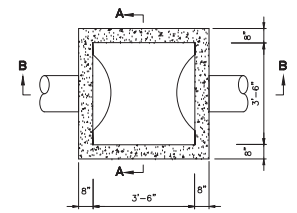


TRANSVERSE SECTION
N.T.S.

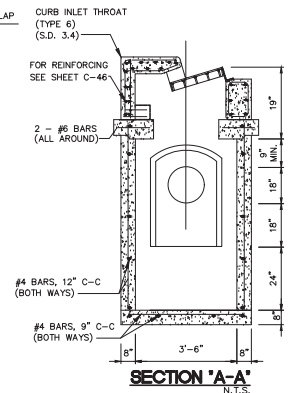


ALT. TRANS. SECTION
N.T.S.

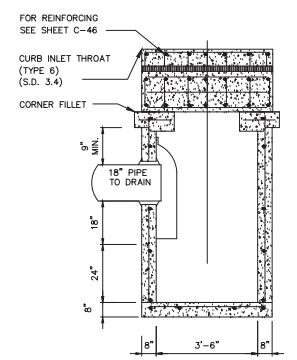
MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE CAVE IN BELOW THE WATER TABLE IS LIKELY TO OCCUR TO BE USED AT THE ENGINEER'S DISCRETION



PLAN VIEW
N.T.S.



SECTION 'A-A'
N.T.S.



SECTION 'B-B'
N.T.S.

INLET TYPE 'P' (SD-2.6)
N.T.S.

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NO.	REVISION	DATE	DRAWN _____
			CHECKED _____
			APPROVED _____

PROJECT NAME:
**HIBISCUS HOMES
T-24174**

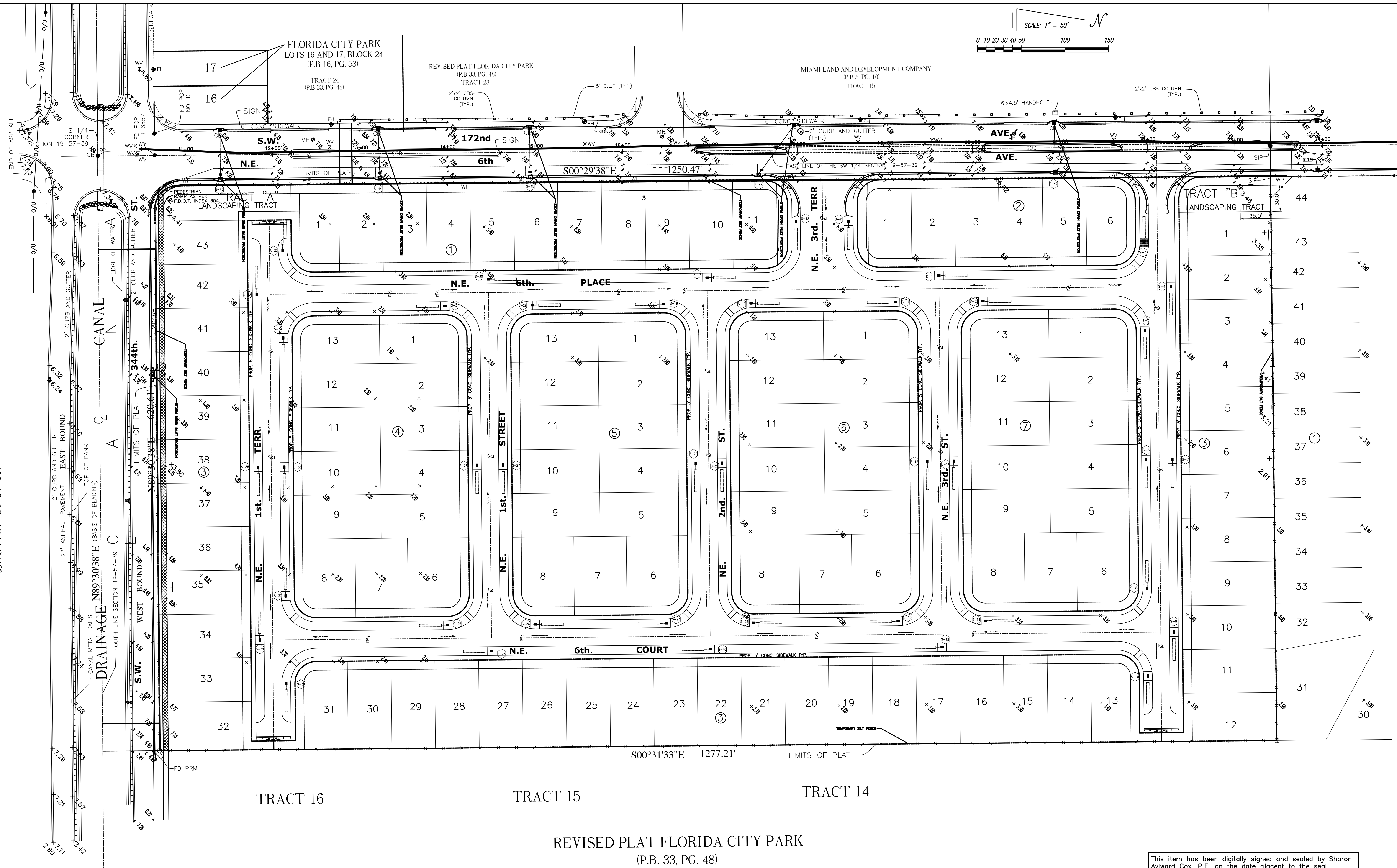
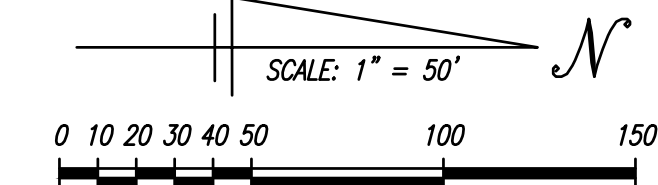
SHEET TITLE
DETAILS

AYLWARD ENGINEERING & SURVEYING, INC.
CIVIL ENGINEERS & LAND SURVEYORS
465 Archaic Drive, Winter Haven, Florida 33880
954-424-5852 or 305-827-2216
EB/LB No. 5183
aylwardengineer@gmail.com

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT SITE BEFORE PROCEEDING W/WORK
DATE: 6/24/2020
SCALE: 1"=50'
PROJ. NO.: 20-107

SHEET
5
OF
5

MIAMI LAND AND DEVELOPMENT COMPANY
 (P.B. 5, PG. 10)
 TRACT 6
 (SECTION 30-57-39)



TRACT 16

TRACT 15

TRACT 14

REVISED PLAT FLORIDA CITY PARK
 (P.B. 33, PG. 48)

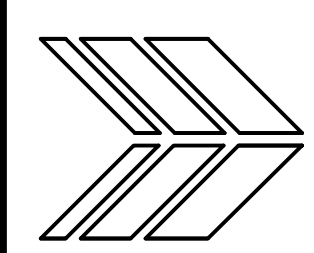
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NO.	REVISION	DATE

DRAWN _____
 CHECKED _____
 APPROVED SAC _____

PROJECT NAME:
HIBISCUS HOMES
T-24174

SHEET TITLE
EROSION & SEDIMENT
CONTROL PLAN



AYLWARD ENGINEERING & SURVEYING, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 465 Archaic Drive, Winter Haven, Florida 33880
 954-424-5852 or 305-827-2216
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SHEET OF
6 OF **6**