



SUBMITTAL SUMMARY REPORT 31582

PLAN NAME: TRACK AND CARD RV PARK

LOCATION:

APPLICATION DATE: 05/23/2024

PARCEL: 48476-000-00

DESCRIPTION:

CONTACTS	NAME	COMPANY
Applicant	Suzie Archer	
Applicant	Tillman Associates	Tillman & Associates Engineering, LLC
Applicant	Tillman Associates	Tillman & Associates Engineering, LLC
Engineer of Record	Tillman Associates	Tillman & Associates Engineering, LLC
Engineer of Record	Tillman Associates	Tillman & Associates Engineering, LLC

CONDITION	DESCRIPTION	CREATED BY	CREATED ON	COMMENTS	SATISFIED?
Conditional Comment(s)		Chris Zeigler	11/19/2025		No

SUBMITTAL	STARTED	DUE	COMPLETE	STATUS
OCE: Plan Review (DR) v.2	02/17/2026	02/24/2026	03/10/2026	Requires Re-submit
OCE: Plan Review (DR) v.1	10/21/2025	10/28/2025	12/16/2025	Requires Re-submit
OCE: Plan Review (DR) v.3				Not Received

SUBMITTAL DETAILS

OCE: Plan Review (DR) v.2

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
911 Management (DR) (911 Management)	Jamie Waldron	02/24/2026	02/19/2026	Approved
Environmental Health (Plans) (Environmental Health)	Evan Searcy	02/24/2026	02/18/2026	Approved
<i>Comments</i>	Will require RV park permit through the Department of Health in Marion County. Application and paperwork can be submitted to Rebecca.Roy@FLHealth.gov			
Fire Marshal (Plans) (Fire)	Jonathan Kenning	02/24/2026	02/17/2026	Approved
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Kenneth Odom	02/24/2026	03/05/2026	Deny
<i>Corrections</i>	4.2.31.E&F/6.8.6 - Buffering (Not Resolved) - 4.2.31.E&F/6.8.6 - Buffering: Show buffer types, locations, and dimensions of required buffering on plan. Show buffer descriptions and illustrations of each proposed buffer (including longitudinal and transverse cross-sections). This proposed buffer differ from those approved by the PUD. This comment will remain as a "No" until such time that the PUD modification is approved by the BCC.			
<i>Corrections</i>	Additional Growth Services Comments (Not Resolved) - The proposed uses within the PUD are not consistent within the approved. It is realized that the modification for the PUD has been submitted, but this will remain a "No" until such time that the PUD modification is approved by the BCC.			
Landscape (Plans) (Parks and Recreation)	Susan Heyen	02/24/2026	02/18/2026	Requires Re-submit
<i>Comments</i>	1. Per PUD Conditions (20191106Z) #3 & 4, please show buffer on west side. Even though this is a phased project, the west buffer shall be shown on the plan for compliance. Also, part of the PUD condition is to install a 6' ht opaque fence on top of the berm, or equal vegetation. The proposed vegetation does not accomplish the screening equal to the fence, please provide fence location and ht.			
OCE Design (Plans) (Office of the County Engineer)	Gerald Koch	02/24/2026	02/23/2026	Approved

SUBMITTAL SUMMARY REPORT (31582)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
OCE Property Management (Plans) (Office of the County Engineer)	Elizabeth Woods	02/24/2026	02/26/2026	Informational
<i>Comments</i>	Information Previously Verified. No further comments. -EMW 02.26.2026			
<i>IF APPLICABLE:</i>	<p>Sec. 2.18.1.I - Show connections to other phases.</p> <p>Sec.2.19.2.H – Legal Documents Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc.</p> <p>Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate) For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public."</p> <p>Sec. 6.3.1.B.2 – Required Right of Way Dedication For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk."</p> <p>Sec. 6.3.1.D.3 - Cross Access Easements For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]."</p> <p>Sec. 6.3.1.C.1 - Utility Easements (select as appropriate) "[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider."</p> <p>Sec. 6.3.1.C.2 – Utility Easements "[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities."</p> <p>Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate: 1. "[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities." 2. "[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." 3. When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec.6.3.1.D(f) – If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]."</p>			
OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Kevin Vickers	02/20/2026	02/17/2026	Approved
<i>Recommendations</i>	Copy of District Permit (County Interest) - Please provide a copy of the District permit prior to construction.			
<i>Recommendations</i>	If you have questions or would like to discuss the stormwater review comments, please contact Kevin Vickers, PE at 352-671-8695 or kevin.vickers@marionfl.org.			
<i>Recommendations</i>	6.13.10.B <input type="checkbox"/> Copy of NPDES Permit or NOI - Please provide a copy of the NPDES permit or NOI prior to construction.			
OCE Survey (Plans) (Office of the County Engineer)	Theresa Smail	02/24/2026	02/19/2026	Approved
OCE Traffic (Permits & Plans) (Office of the County Engineer)	Chris Zeigler	02/24/2026	02/23/2026	Approved
Utilities (OCE Plans) (Utilities)	Heather Proctor	02/24/2026	02/24/2026	Requires Re-submit
<i>Comments</i>	Please see corrective comments and plan comments.			
<i>Corrections</i>	6.14.7 - Construction Inspection - PLAN NOTE: (Resolved) - 6.14.7 - Construction Inspection - PLAN NOTE:: MCU personnel are to inspect any work performed on or around existing MCU infrastructure. A pre-construction meeting is required to be held a minimum of 48 hours prior to start of any construction. If the pre-construction meeting is not completed, any work may be halted. To schedule, contact MCU's Construction Officer at 352-307-6163 or 352-433-3128.			
<i>Corrections</i>	Review Fee as applicable (per Resolution) (Resolved) - Review Fee as applicable (per Resolution): MCU review fee for this submittal			
<i>Corrections</i>	6.14.5.A(2) - Proposed mains & connections shown (Not Resolved) - 6.14.5.A(2) - Proposed mains & connections shown:			
<i>Corrections</i>	6.14.5.B - Submit permits to MCU (DOT, ROW etc) (Resolved) - 6.14.5.B - Submit permits to MCU (DOT, ROW etc): A copy of any permit issued to the contractor shall also be submitted to MCU's Construction Manager, or designee.			
<i>Corrections</i>	6.14.8.A - Completion & Closeout - PLAN NOTE: (Resolved) - 6.14.8.A - Completion & Closeout - PLAN NOTE:: Assets to be conveyed to MCU require as-builts reflecting survey points in state plane coordinates NAD83W. Refer to Code for additional guidance on which features apply, and formatting of data.			
<i>Corrections</i>	6.14.6 - Utilities design to be owned by MCU (Resolved) - 6.14.6 - Utilities design to be owned by MCU:			
<i>Corrections</i>	6.14.5.B - FDEP PWS and/or WW permits (Resolved) - 6.14.5.B - FDEP PWS and/or WW permits: FDEP permits will be signed out by MCU AFTER this plan is stamped APPROVED by Development Review. DEP permits shall be signed by Owner & EOR before sent to MCU; MCU signs last. Leave all plant data blank; MCU will complete.			

SUBMITTAL SUMMARY REPORT (31582)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
Utilities (OCE Plans) (Utilities)	Heather Proctor	02/24/2026	02/24/2026	Requires Re-submit
<i>Corrections</i>	6.14.4 - Capacity charges - irrigation (Resolved) - 6.14.4 - Capacity charges - irrigation: Projects using MCU irrigation shall must show the irrigation tap, meter placement, size, and backflow. Indicate total SF of irrigated area in anticipation of the irrigation meter request through Customer Service.			
<i>Corrections</i>	6.14.4 - Capacity charges - domestic water/sewer (Resolved) - 6.14.4 - Capacity charges - domestic water/sewer: Capacity charges to be invoiced and collected by MCU Permitting at time of building permit review - Cap Fee Worksheet and interior floor plan may be required.			
<i>Corrections</i>	MCU Contact Info on Project Cover Sheet (Resolved) - MCU Contact Info on Project Cover Sheet: Marion County Utilities, 11800 S US Hwy 441, Belleview FL 34420 - Customer Service 24/7/365 352-307-6000			
<i>Corrections</i>	6.14.9.B - Transfer of Assets to MCU - PLAN NOTE: (Resolved) - 6.14.9.B - Transfer of Assets to MCU - PLAN NOTE:: Assets shown on this plan require a Bill of Sale before any DEP Clearances will released by MCU. Building permit holds may be affected.			
<i>Corrections</i>	6.15.6.G & H - Meters up to 2" and over 2" (Resolved) - 6.15.6.G & H - Meters up to 2" and over 2": Meters up to 2" shall be paid for by the developer and will be installed by MCU through its inventory. Meters over 2" shall be purchased by the developer, and provided to MCU for installation.			

eREVIEW SESSION FILES:

File Category Placeholder_v1.pdf
 Response Letter 2026.02.17.pdf
 Track and Card RV Park Irrigation Plan 02-17-2026.pdf SS.pdf

REVIEWER	MARKUP	DATE/TIME	FILE NAME	PG #
Heather Proctor	To be HDPE Lined w/ composite ring & cover.	02/24/2026 4:37	PMFile Category Placeholder_v1.pdf	9
Heather Proctor	This entire section will be revised with the future water main extension and connection. There needs to be a plan note stating such, so MCU can approve.	02/24/2026 4:41	PMFile Category Placeholder_v1.pdf	9
Heather Proctor	Still wrong. Its 1000% a 4" line, based on field techs putting their hands on the actual pipe. Likely will not matter with the extension. Add plan note IN CASE extension plans dont proceed. "Contractor to verify pipe size in field."	02/24/2026 4:45	PMFile Category Placeholder_v1.pdf	9

OCE: Plan Review (DR) v.1

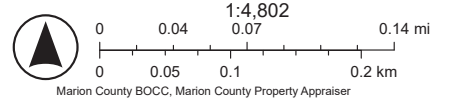
ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
911 Management (DR) (911 Management)	Laura Johnson	10/28/2025	12/16/2025	Requires Re-submit
Environmental Health (Plans) (Environmental Health)		10/28/2025	12/16/2025	Approved
Fire Marshal (Plans) (Fire)	Jonathan Kenning	10/28/2025	12/05/2025	Approved
<i>Comments</i>	Previously approved			
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Kenneth Odom	10/28/2025	11/21/2025	Approved
Landscape (Plans) (Parks and Recreation)		10/28/2025	12/16/2025	Requires Re-submit
OCE Design (Plans) (Office of the County Engineer)		10/28/2025	12/16/2025	Approved

ArcGIS Web Map

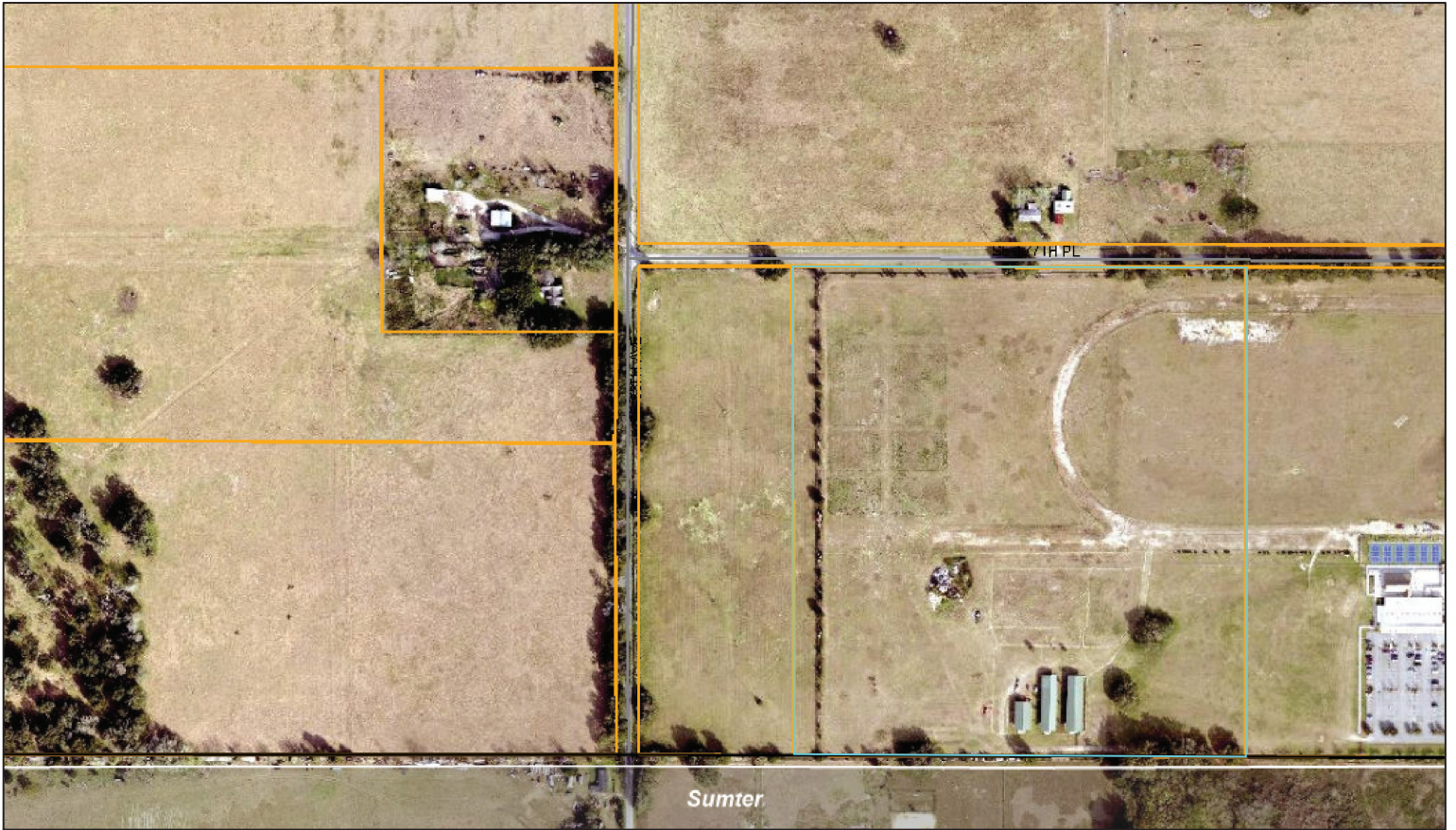


3/31/2026, 8:42:58 AM

- Marion County
- Florida Counties
- Parcels
- Streets
- Aerial 2024
- Red: Band_1
- Green: Band_2
- Blue: Band_3

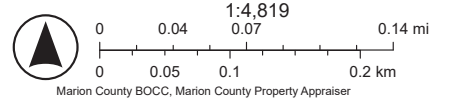


ArcGIS Web Map2.2



3/31/2026, 8:51:51 AM

- Marion County
- Florida Counties
- Parcels
- Streets
- Aerial 2024
- Red: Band_1
- Green: Band_2
- Blue: Band_3

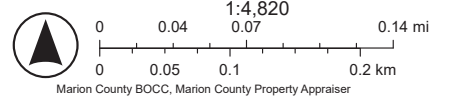


ArcGIS Web Map3



3/31/2026, 8:52:23 AM

- Marion County
- Florida Counties
- Parcels
- Streets
- Aerial 2024
- Red: Band_1
- Green: Band_2
- Blue: Band_3





Marion County Board of County Commissioners

Office of the County Engineer

412 SE 25th Ave.
Ocala, FL 34471
Phone: 352-671-8686
Fax: 352-671-8687

DEVELOPMENT REVIEW COMMITTEE WAIVER REQUEST FORM

Date: 3/16/26 Parcel Number(s): 48476-000-00, 48476-001-00 and 48476-002-00 Permit Number: AR#31582

A. PROJECT INFORMATION: Fill in below as applicable:

Project Name: Track and Card RV Commercial Residential
Subdivision Name (if applicable): _____
Unit _____ Block _____ Lot _____ Tract _____

B. PROPERTY OWNER'S AUTHORIZATION: The property owner's signature authorizes the applicant to act on the owner's behalf for this waiver request. The signature may be obtained by email, fax, scan, a letter from the property owner, or original signature below.

Name (print): Marion Gaming Management LLC
Signature: _____
Mailing Address: 17996 S US HWY 301 City: Summerfield
State: FL Zip Code: 34491 Phone #: (352) 817-7522
Email address: tmendola@betoxford.com

C. APPLICANT INFORMATION: The applicant will be the point of contact during this waiver process and will receive all correspondence.

Firm Name (if applicable): Tillman & Associates Engineering, LLC Contact Name: Timothy C. Brooker, P.E.
Mailing Address: 1720 SE 16th Ave., Bldg 100 City: Ocala
State: FL Zip Code: 34471 Phone #: (352) 387-4540
Email address: permits@tillmaneng.com

D. WAIVER INFORMATION:

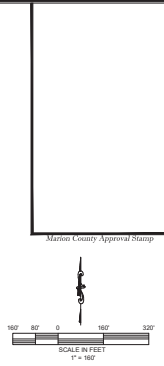
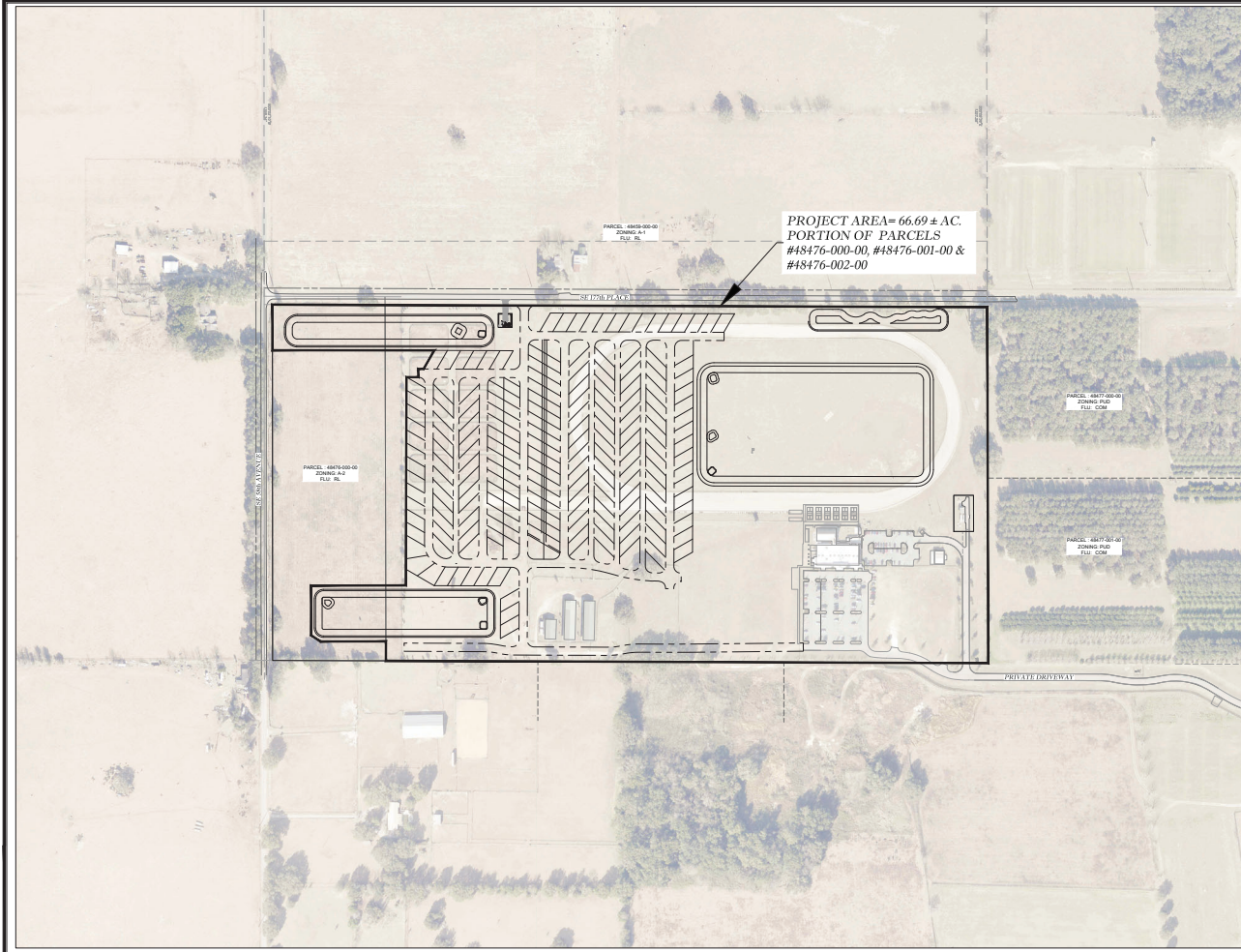
Section & Title of Code (be specific): 2.1.3 Order of Plan Approval
Reason/Justification for Request (be specific): Applicant request waiver to allow the proposed improvement and landscape plans to be approved consistent with the proposed PUD modification that is currently under review.
Should the PUD modification not be approved, the landscape plans will be modified accordingly.

DEVELOPMENT REVIEW USE:

Received By: _____ Date Processed: _____ Project # _____ AR # _____

ZONING USE: Parcel of record: Yes No Eligible to apply for Family Division: Yes No
Zoned: _____ ESOZ: _____ P.O.M. _____ Land Use: _____ Plat Vacation Required: Yes No
Date Reviewed: _____ Verified by (print & initial): _____

CLEAR FORM



Thomas & Associates
ENGINEERING, LLC
CIVIL ENGINEERING • PLANNING • LANDSCAPE ARCHITECTURE • ENVIRONMENTAL
1720 SE 10th Ave, Room 100, Ocala, FL 34471
Phone: 352.341.1234 Fax: 352.341.1235
www.thomasandassociates.com

REVISIONS	
DATE	

PLANNING DEPARTMENT
MARION COUNTY, FLORIDA

AERIAL PHOTOGRAPH

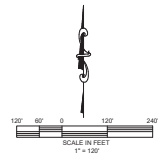
DATE	02/17/2018
DRAWN BY	AS
CHECKED BY	RS
ISSUED	22-8740

SHEET **03.01**

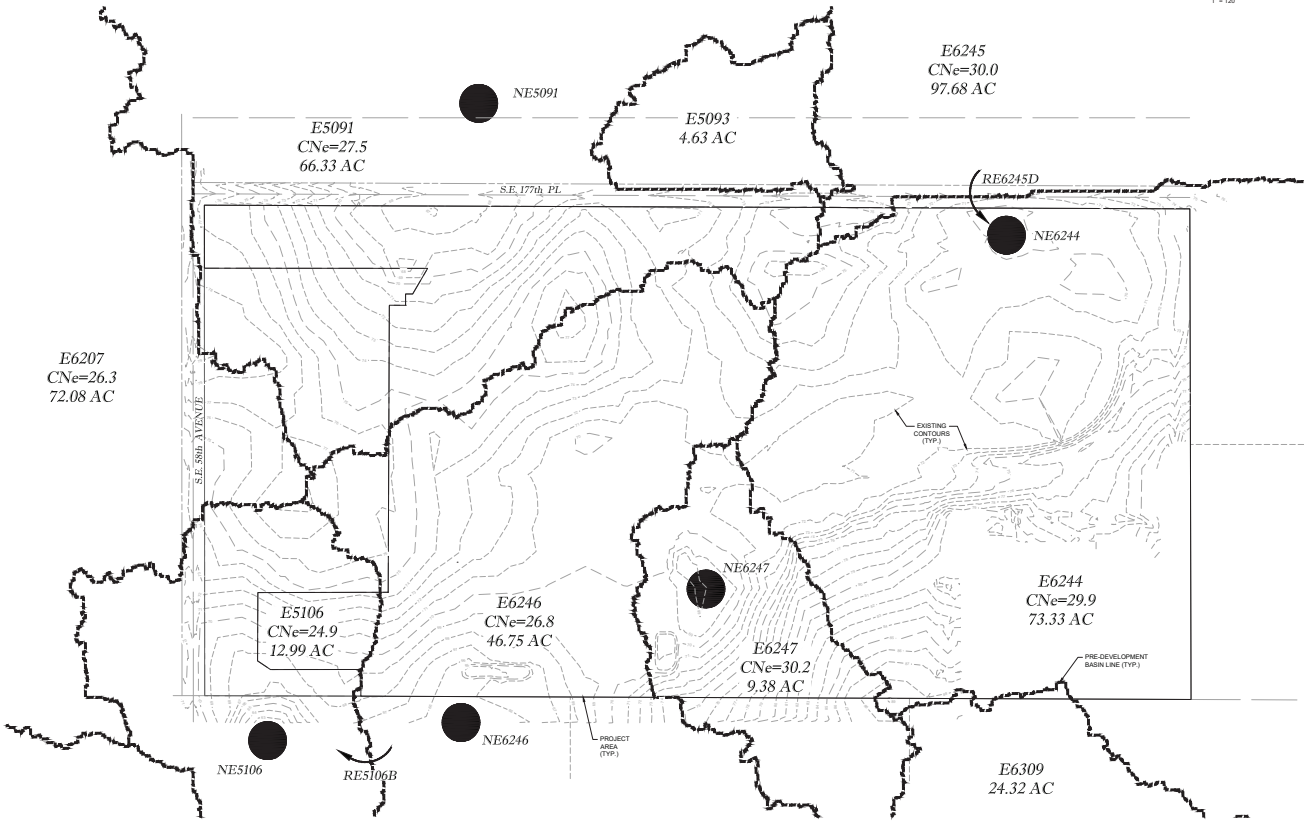
NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

GRADING LEGEND

EXISTING CONTOURS



Alamogordo Approval Stamp



Thomas & Associates
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 10th Ave, 8th Fl, Ocala, FL 34471
PHONE: 352.349.1100 FAX: 352.349.1106
WWW.TAS-FL.COM

REVISION	
DATE	

PROJECT LOCATION
MARION COUNTY, FLORIDA
**PRE-BASIN
MASTER DRAINAGE PLAN**

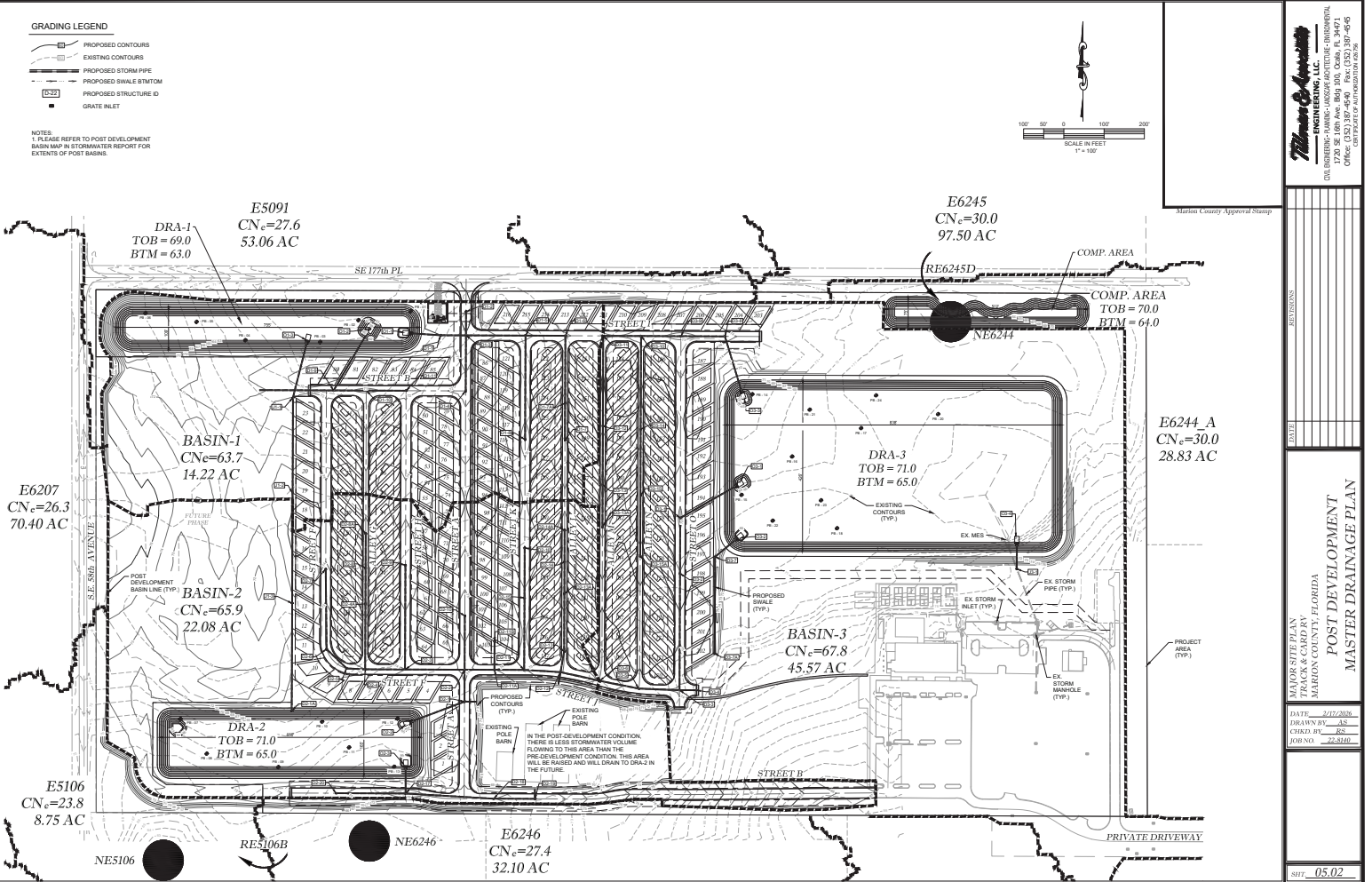
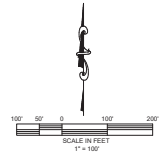
DATE: 2/12/2010
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 22-3120

SHEET: 05.01

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

- GRADING LEGEND**
- PROPOSED CONTOURS
 - - - EXISTING CONTOURS
 - PROPOSED STORM PIPE
 - - - PROPOSED SWALE BOTTOM
 - PROPOSED STRUCTURE ID
 - GRATE INLET

NOTES:
1. PLEASE REFER TO POST DEVELOPMENT BASIN MAP IN STORMWATER REPORT FOR EXTENTS OF POST BASINS.



Thomas & Associates, LLC
ENGINEERING, LLC
1720 SE 10th Ave, 8th Fl, Ocala, FL 34471
OFFICE: 352.237.4646
CELL: 352.237.4646

Marion County Approval Stamp

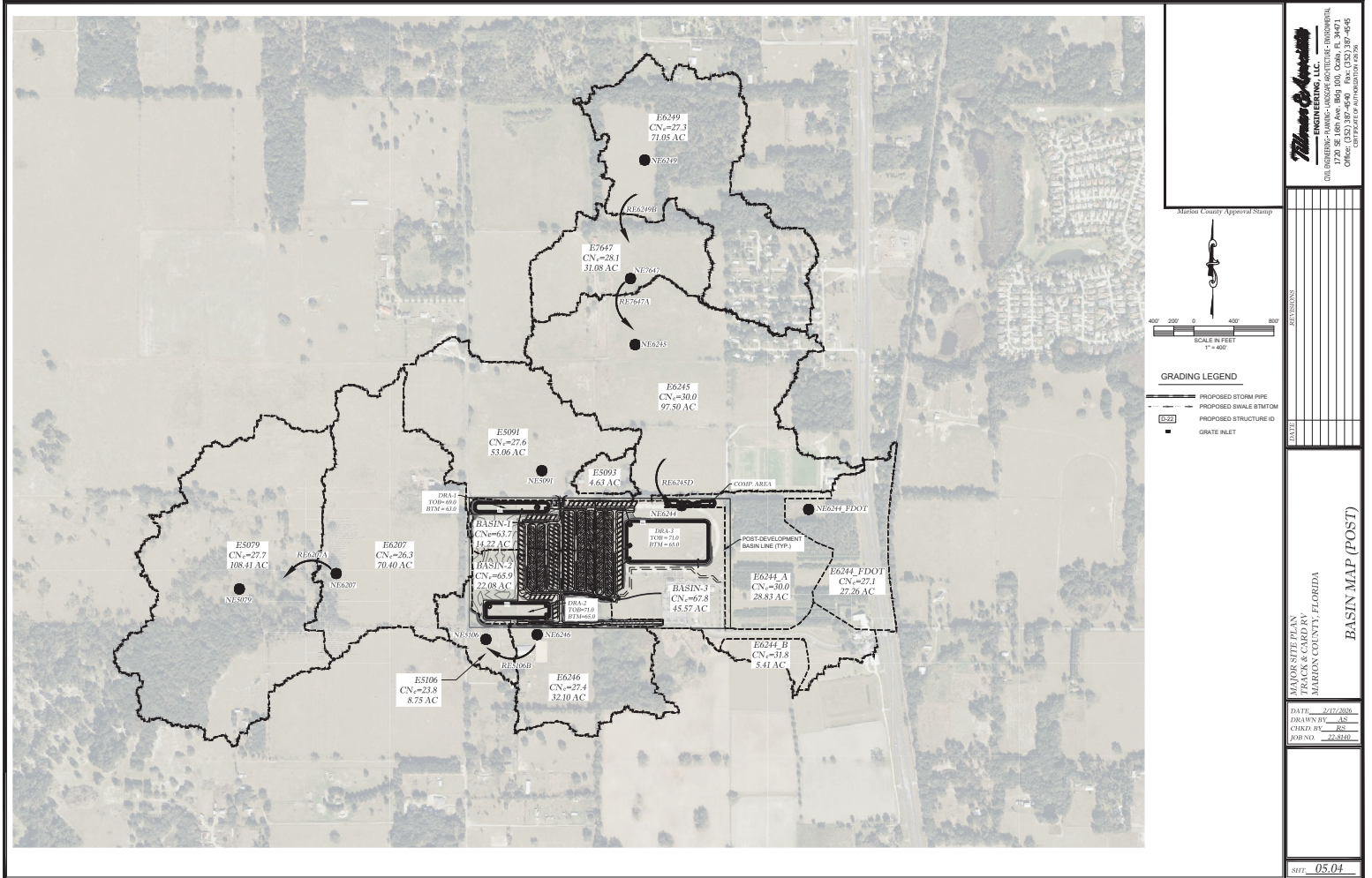
DATE	
TIME	

MAJOR SURVEY BY
MARGON COUNTY, FLORIDA
**POST DEVELOPMENT
MASTER DRAINAGE PLAN**

DATE: 2/12/2010
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 22-810

SHEET: 05.02

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

Thomas & Associates
 ENGINEERING, LLC
 CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
 1720 SE 10th Ave, 8th Fl, Ocala, FL 34471
 PHONE: 352-237-4646
 FAX: 352-237-4646
 WWW: WWW.THOMASANDASSOCIATES.COM

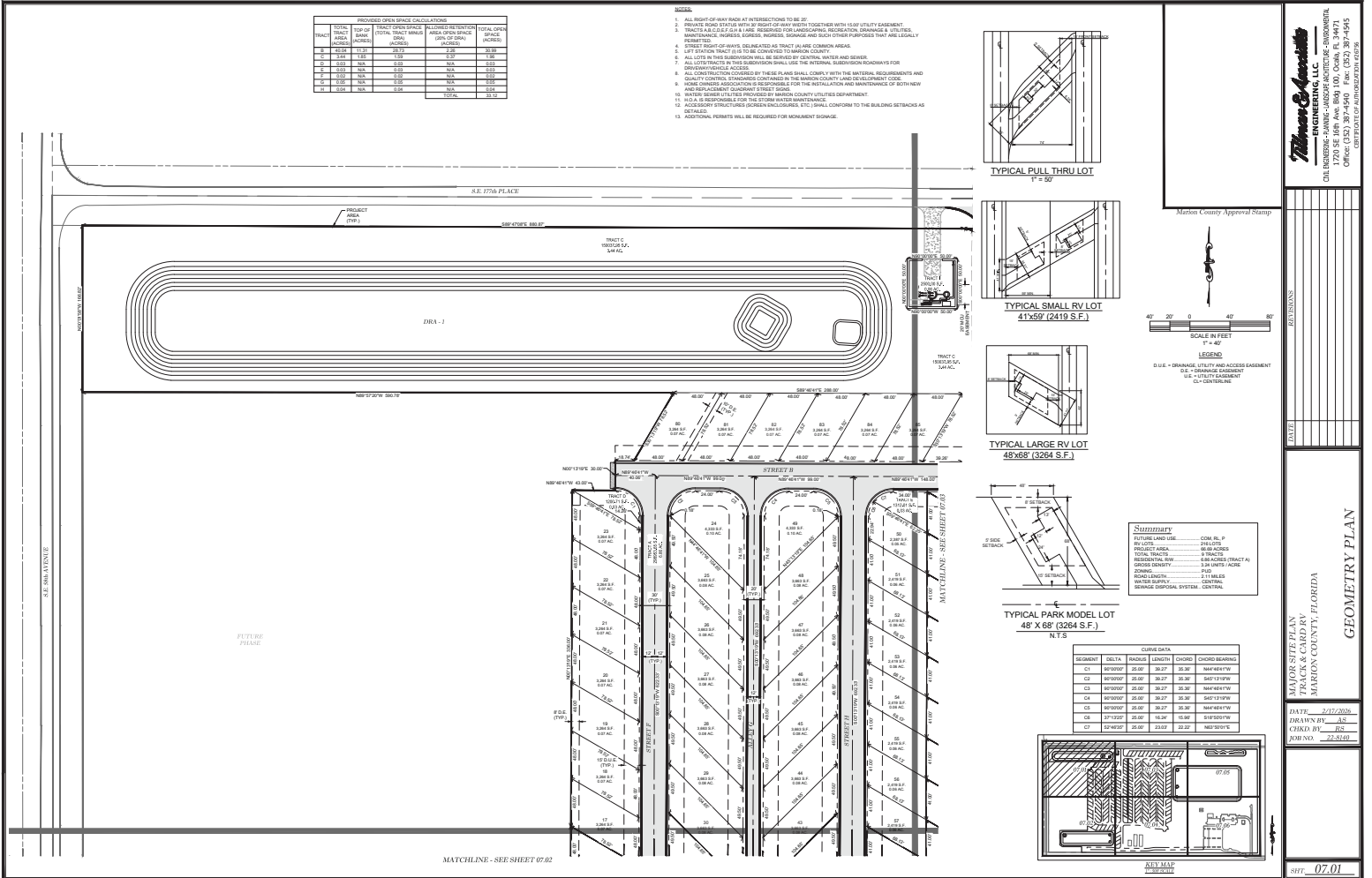
DATE	2/22/2024
DRAWN BY	AS
CHECKED BY	RS
JOBNUM	22-8740

STATE OF FLORIDA
 MARION COUNTY, FLORIDA
BASIN MAP (POST)

DATE: 2/22/2024
 DRAWN BY: AS
 CHECKED BY: RS
 JOBNUM: 22-8740
 SHEET: 05.04

PROVIDED OPEN SPACE CALCULATIONS				
TRACT	TOTAL TRACT AREA (ACRES)	TRACT OPEN SPACE (TOTAL TRACT AREA) (ACRES)	ALLOWED RESIDENTIAL OPEN SPACE (SPIN OF 20%) (ACRES)	TOTAL OPEN SPACE (ACRES)
A	1.00	0.00	0.20	0.20
B	1.00	0.00	0.20	0.20
C	1.00	0.00	0.20	0.20
D	1.00	0.00	0.20	0.20
E	1.00	0.00	0.20	0.20
F	1.00	0.00	0.20	0.20
G	1.00	0.00	0.20	0.20
H	1.00	0.00	0.20	0.20
I	1.00	0.00	0.20	0.20
J	1.00	0.00	0.20	0.20
K	1.00	0.00	0.20	0.20
L	1.00	0.00	0.20	0.20
M	1.00	0.00	0.20	0.20
N	1.00	0.00	0.20	0.20
O	1.00	0.00	0.20	0.20
P	1.00	0.00	0.20	0.20
Q	1.00	0.00	0.20	0.20
R	1.00	0.00	0.20	0.20
S	1.00	0.00	0.20	0.20
T	1.00	0.00	0.20	0.20
U	1.00	0.00	0.20	0.20
V	1.00	0.00	0.20	0.20
W	1.00	0.00	0.20	0.20
X	1.00	0.00	0.20	0.20
Y	1.00	0.00	0.20	0.20
Z	1.00	0.00	0.20	0.20
TOTAL	20.00	0.00	4.00	4.00

- NOTES:**
- ALL RIGHT-OF-WAY PAVES AT INTERSECTIONS TO BE 20'.
 - PROVIDE 8" DIA. 12" DEPTH OF WAYS TOGETHER WITH 12" UTILITY EMBANKMENT.
 - TRACTS A-C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z ARE RESERVED FOR LANDSCAPING, RECREATION, DRAINAGE & UTILITIES, MAINTENANCE, PARKING, STORAGE, WASTE, SEWAGE AND OTHER OTHER PURPOSES THAT ARE LEGALLY PERMITTED.
 - STREET RIGHT-OF-WAYS DELINEATED AS TRACT ALIEN COMMON AREAS.
 - LEFT TURN TRUCK BAYS TO BE CONSIDERED TO BE COMMON AREAS.
 - ALL LOTS IN THIS SUBDIVISION WILL BE SERVED BY CENTRAL WATER AND SEWER.
 - ALL UTILITIES IN THIS SUBDIVISION SHALL USE THE FEDERAL SUBDIVISION STANDARDS FOR DRIVEWAY/PRIVATE ACCESS.
 - ALL CONSTRUCTION CONSIDERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND HOME OWNERS ASSOCIATION IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF BOTH NEW AND REPAIR/REPLACEMENT EXISTING STREET LIGHTS.
 - WATER SERVICE UTILITIES PROVIDED BY MARION COUNTY UTILITIES DEPARTMENT.
 - H.O.A. IS RESPONSIBLE FOR THE SYSTEM MAINTENANCE.
 - ACCESSORY STRUCTURES (SCREEN ENCLOSURES, ETC.) SHALL CONFORM TO THE BUILDING TRACKS AS DETAILLED.
 - ADDITIONAL PERMITS WILL BE REQUIRED FOR MONUMENT STAKING.



NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

Thomas & Associates
ENGINEERING, LLC
2700 SE 10th Ave, Room 100, Ocala, FL 34471
OFFICE: (352) 237-0000
CELL: (352) 237-0000

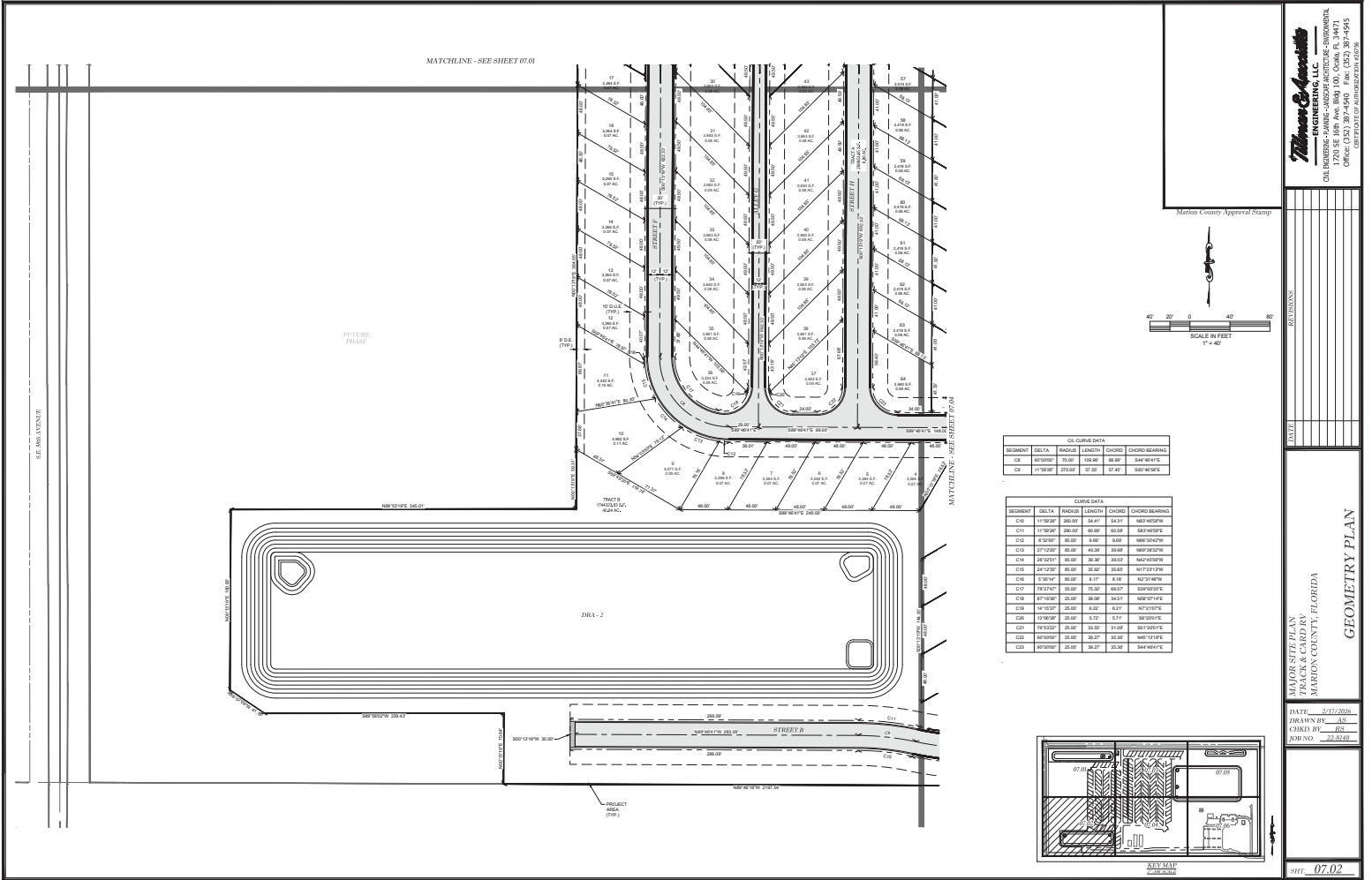
Marion County Approval Stamp

GEOMETRY PLAN

MAPS SECTION
TRACTS X & Y
MARION COUNTY, FLORIDA

DATE: 2/12/2009
DRAWN BY: AS
CHECKED BY: JG
FORM: 22-010

SHT. 07.01

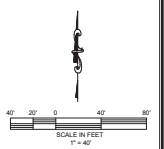


MATCHLINE - SEE SHEET 07.01

FUTURE PHASE

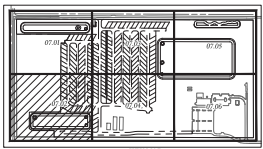
FIG. 2

PROJECT AREA (TYP)



SEGMENT	DELTA	RADIUS	LENGTH	CHORD	CHORD BEARING
C8	115.920°	25.00'	18.30'	18.30'	S44°46'58"W
C9	115.920°	25.00'	17.00'	17.00'	S46°46'58"W

SEGMENT	DELTA	RADIUS	LENGTH	CHORD	CHORD BEARING
C10	115.920°	25.00'	54.41'	54.37'	N67°47'58"W
C11	115.920°	25.00'	45.00'	45.00'	N67°47'58"W
C12	87.920°	25.00'	8.00'	8.00'	N67°47'58"W
C13	27.120°	25.00'	43.38'	38.98'	N67°47'58"W
C14	27.120°	25.00'	38.38'	38.38'	N67°47'58"W
C15	24.120°	25.00'	35.30'	35.62'	N72°23'19"W
C16	2.504°	25.00'	8.17'	8.16'	N72°23'19"W
C17	79.270°	25.00'	15.32'	15.51'	S20°02'58"W
C18	87.920°	25.00'	26.38'	26.41'	N67°47'58"W
C19	14.153°	25.00'	4.22'	4.21'	N72°10'17"W
C20	17.963°	25.00'	4.72'	4.71'	S69°01'17"E
C21	87.920°	25.00'	31.69'	31.69'	S67°07'17"E
C22	80.000°	25.00'	38.27'	35.38'	N47°13'19"E
C23	80.000°	25.00'	38.27'	35.38'	S44°46'58"W



Thomas & Associates
ENGINEERING, LLC

CHA. HENDERSON - PAVING - LANDSCAPE ARCHITECTURE - DRAINAGE
7202 SE 108th Ave, Bldg 100, Ocala, FL 34471
352.237.7975
OFFICE: 352.237.7975
CELL: 352.237.7975

MARTIN COUNTY APPROVAL STAMP

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT

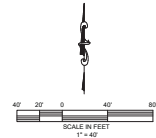
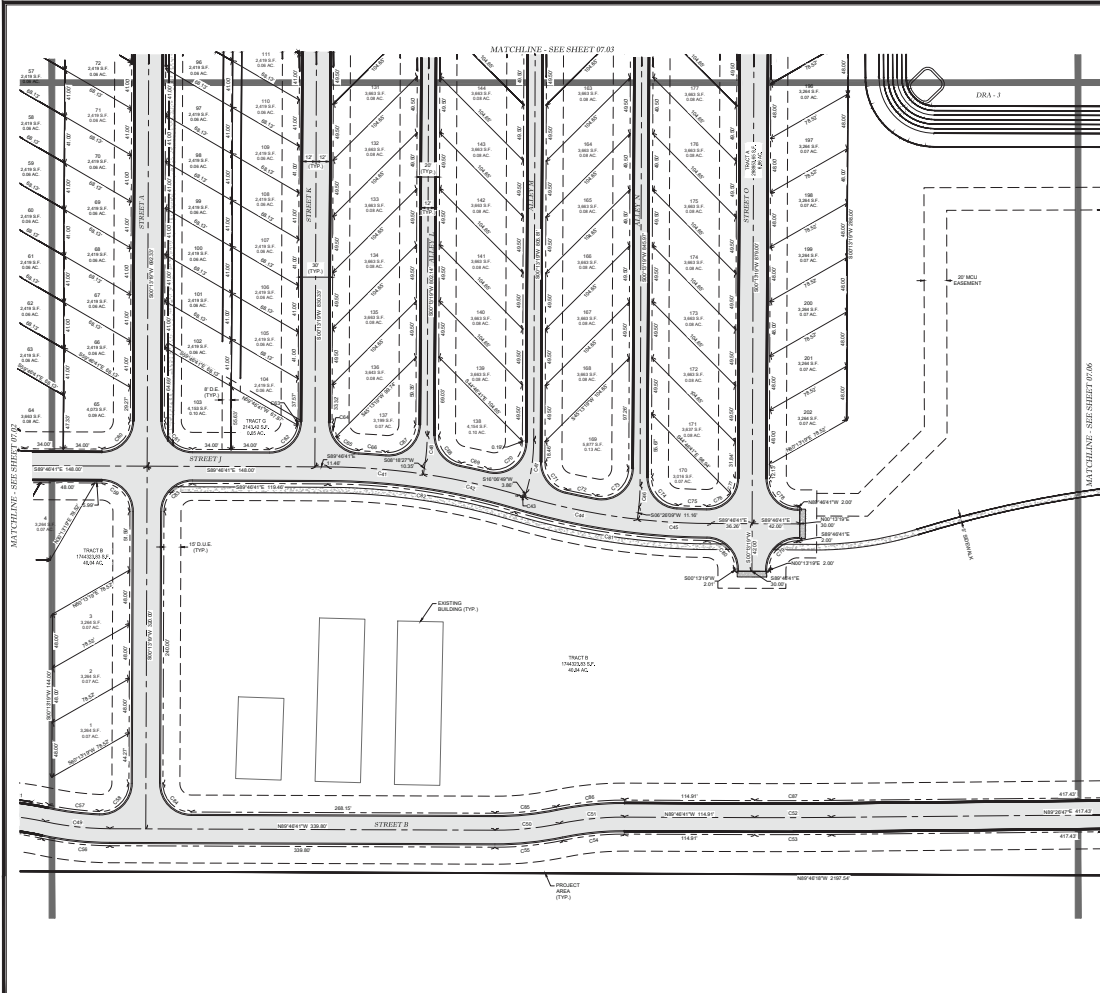
MASON SITE PLAN
TRACT 8, LADDERY
MARION COUNTY, FLORIDA

GEOMETRY PLAN

DATE: 2/12/2008
DRAWN BY: AS
CHECK BY: RL
FORNO: 228140

SHEET: 07.02

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

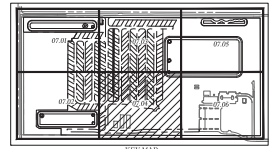


COLUQUE DATA

SEQUENT	DELTA	BEARING	LENGTH	CHORD	CHORD BEARING
C01	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C02	87°17'40"	000.00	100.00	100.00	S87°17'40"E
C03	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C04	87°17'40"	000.00	100.00	100.00	S87°17'40"E
C05	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C06	87°17'40"	000.00	100.00	100.00	S87°17'40"E
C07	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C08	87°17'40"	000.00	100.00	100.00	S87°17'40"E
C09	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C10	87°17'40"	000.00	100.00	100.00	S87°17'40"E
C11	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C12	87°17'40"	000.00	100.00	100.00	S87°17'40"E

COLUQUE DATA

SEQUENT	DELTA	BEARING	LENGTH	CHORD	CHORD BEARING
C23	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C24	11°30'20"	200.00	200.00	200.00	S11°30'20"E
C25	11°30'20"	200.00	200.00	200.00	S11°30'20"E
C26	11°30'20"	200.00	200.00	200.00	S11°30'20"E
C27	0°00'00"	000.00	100.00	100.00	S00°00'00"E
C28	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C29	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C30	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C31	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C32	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C33	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C34	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C35	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C36	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C37	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C38	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C39	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C40	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C41	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C42	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C43	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C44	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C45	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C46	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C47	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C48	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C49	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C50	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C51	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C52	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C53	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C54	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C55	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C56	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C57	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C58	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C59	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C60	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C61	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C62	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C63	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C64	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C65	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C66	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C67	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C68	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C69	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C70	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C71	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C72	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C73	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C74	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C75	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C76	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C77	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C78	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C79	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C80	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C81	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C82	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C83	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C84	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C85	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C86	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C87	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C88	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C89	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C90	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C91	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C92	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C93	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C94	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C95	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C96	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C97	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C98	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C99	89°00'00"	250.00	250.00	250.00	S89°00'00"E
C100	89°00'00"	250.00	250.00	250.00	S89°00'00"E



Thomas & Associates
ENGINEERING, LLC
CHA. HENDERSON - PAVING - LANDSCAPE ARCHITECTURE - DRAINAGE
7202 SE 108th Ave, Bldg 100, Ocala, FL 34971
352.237.0000
OFFICE: 352.237.0000
CELL: 352.237.0000

Marion County Approval Stamp

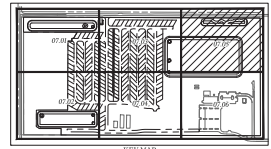
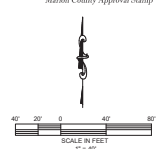
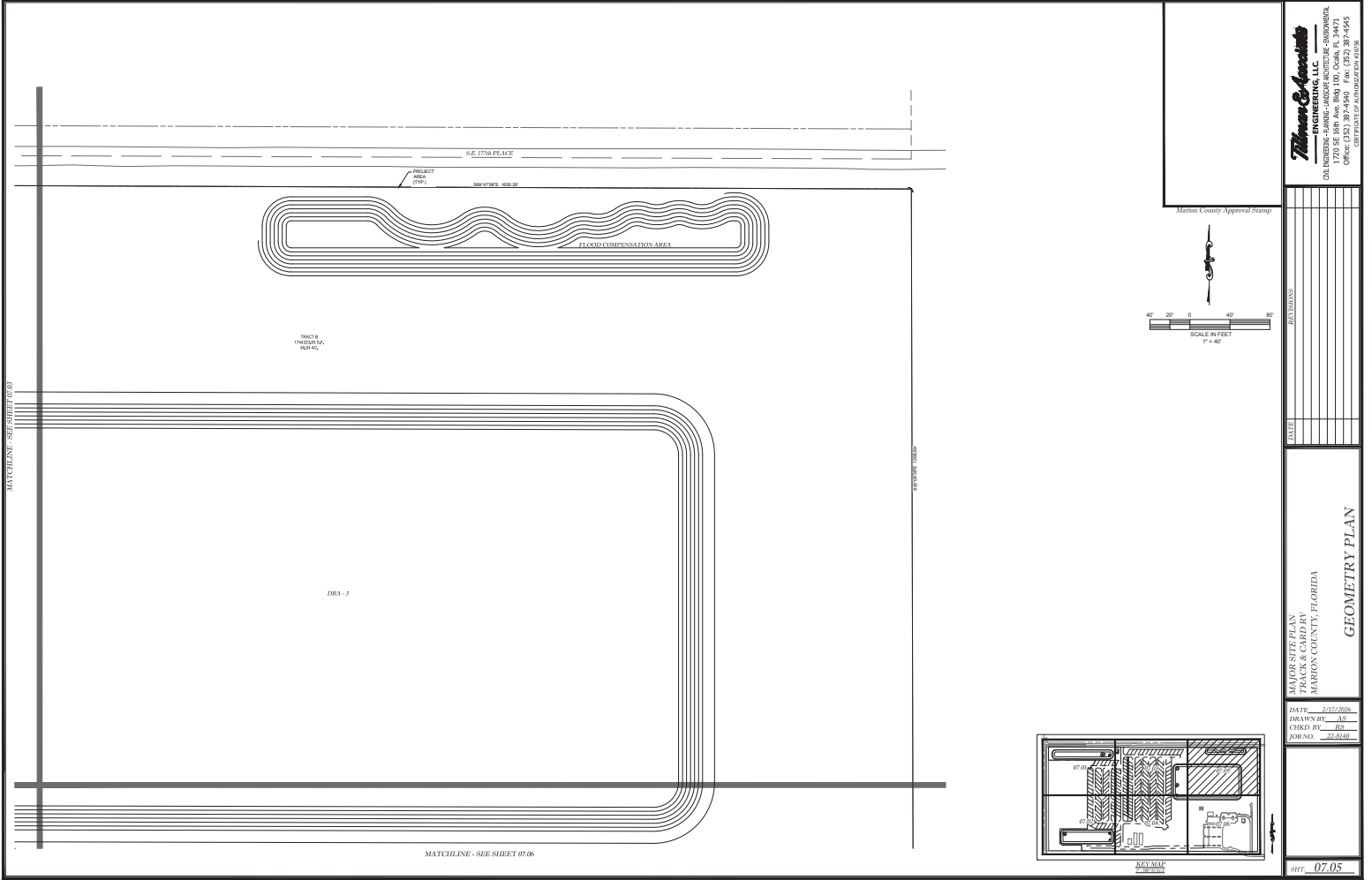
REVISIONS	
DATE	

MARION COUNTY, FLORIDA
TRAFFIC & GEOMETRY PLAN

DATE: 2/12/2008
DRAWN BY: AS
CHECK BY: RL
FORM: 22810

SHEET: 07.04

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



Thomas Associates
ENGINEERING, LLC
CHA. HENDERSON - P.E. (ARCHITECTURE - DIMENSIONAL)
7200 SE 108th Ave, Room 100, Ocala, FL 34471
OFFICE PHONE: 352-237-0975
CELL PHONE: 352-237-0976

Martin County Approval Stamp

REVISIONS	
DATE	

MAPS SITE PLAN
TRAVIS S. CANNON
MARION COUNTY, FLORIDA
GEOMETRY PLAN

DATE: 2/17/2009
DRAWN BY: AS
CHECKED BY: JG
DESIGN: 22-5110

SHEET: 07.05

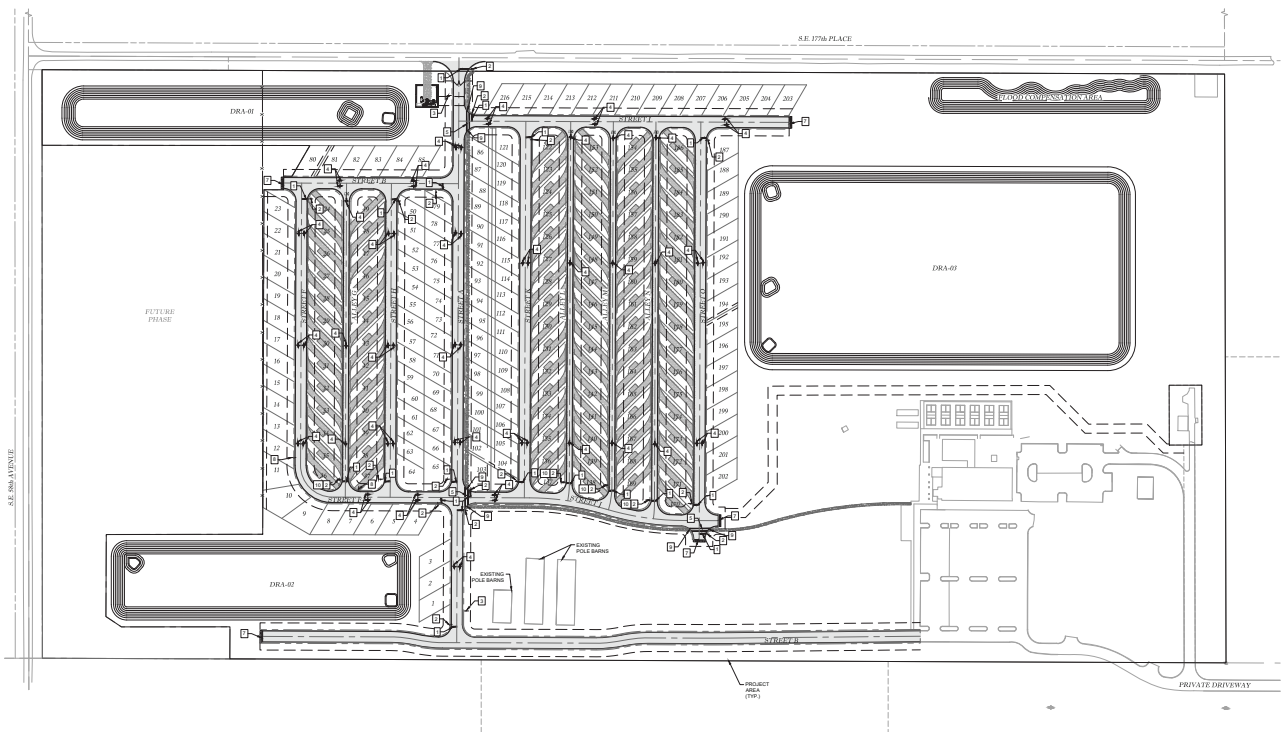
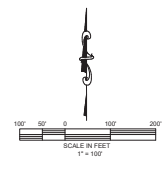
NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

- LEGEND:**
- 24" WHITE STOP BAR
 - "STOP" SIGN (R1-1) w/COMBINED STREET SIGNS
 - "SPEED LIMIT 20MPH" SIGN (R2-1)
 - SOLID WHITE DIRECTIONAL ARROWS
 - 12" WHITE SOLID CROSSWALK (#-LONG)
 - "PEDESTRIAN CROSSWALK" SIGN
 - TEMPORARY CASE # STREET TERMINATION RED
 - REFLECTORS FOOT INDEX 700-100
 - CURVE WARNING SIGNS (W1-1L OR W1-1R)
 - WOODSIGN SPEED PLACES (SMP-1R)
 - FOOT CR/ SIDEWALK CURB RAMP w/DETECTABLE WARNING
 - "DO NOT ENTER" SIGN (R5-1)

NOTE

1. ALL STREET NAME SIGNAGE PER 911 MANAGEMENT PLAN (STREET RN-01)

CL RADIUS	DESIGN	POSTED
107-107'	20	20
50-106'	15	15
19-42'	10	10



Marion County Approval Stamp

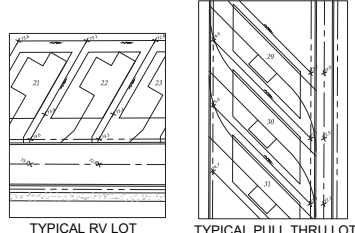
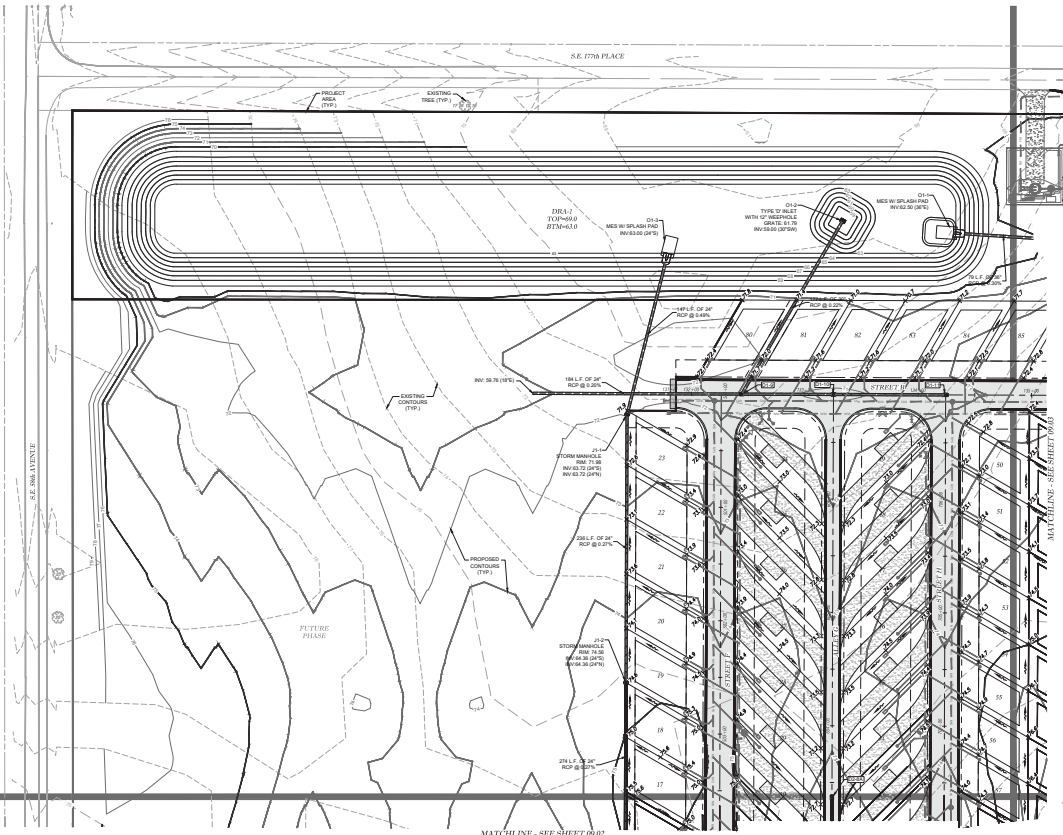
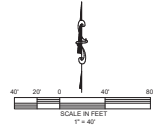
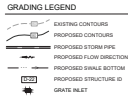
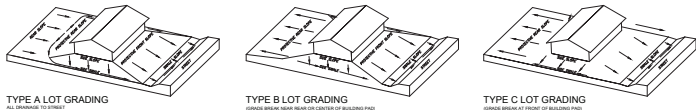
Thomas & Associates
ENGINEERING, LLC
 CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - SURVEYING
 1720 SE 68th Ave, Room 100, Ocala, FL 34471
 Phone: 352-237-0975
 Fax: 352-237-0974
 www.thomasandassociates.com

DATE	2/17/2020
DRAWN BY	AS
CHECKED BY	PK
ISSUED BY	AS

PROJECT: SIGNAGE & STRIPING PLAN
 LOCATION: 1776 S.E. 1776 PLACE, Ocala, FLORIDA
 COUNTY: MARION COUNTY, FLORIDA

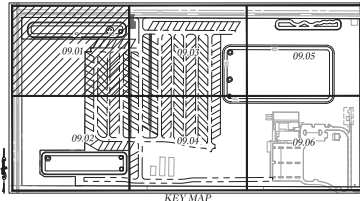
DATE: 2/17/2020
 DRAWN BY: AS
 CHECKED BY: PK
 ISSUED BY: AS

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



LOT GRADING DETAILS

GENERAL:
 • 2% MAXIMUM SLOPE ANYWHERE ON SITE, UNLESS OTHERWISE DENOTED.



MATCHLINE - SEE SHEET 09.02

Thomas & Associates
ENGINEERING, LLC
 CHA. HENDERSON - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
 7200 SE 10th Ave, Room 100, Ocala, FL 34471
 PHONE: 352-235-0975
 FAX: 352-235-0976
 WWW: THOMASANDASSOCIATES.COM

M Marion County Approval Stamp

REVISIONS	
DATE	

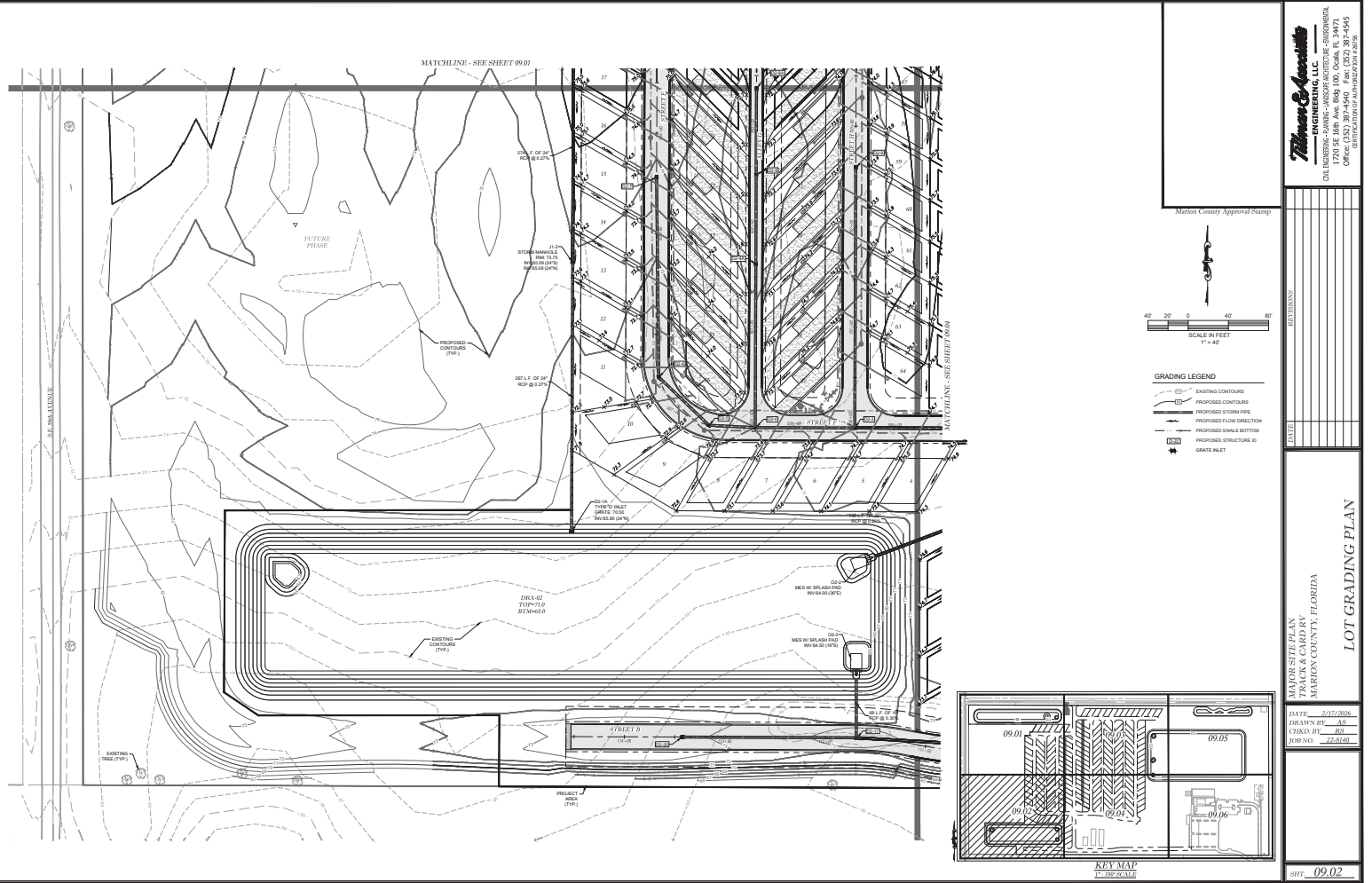
LOT GRADING PLAN

TOWN OF PALM BAY
 TRAILS & COUNTRY
 MARION COUNTY, FLORIDA

DATE: 2/17/2009	
DRAWN BY: AS	
CHECKED BY: RL	
DESIGNED BY: JLS	

SHEET: 09.01

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



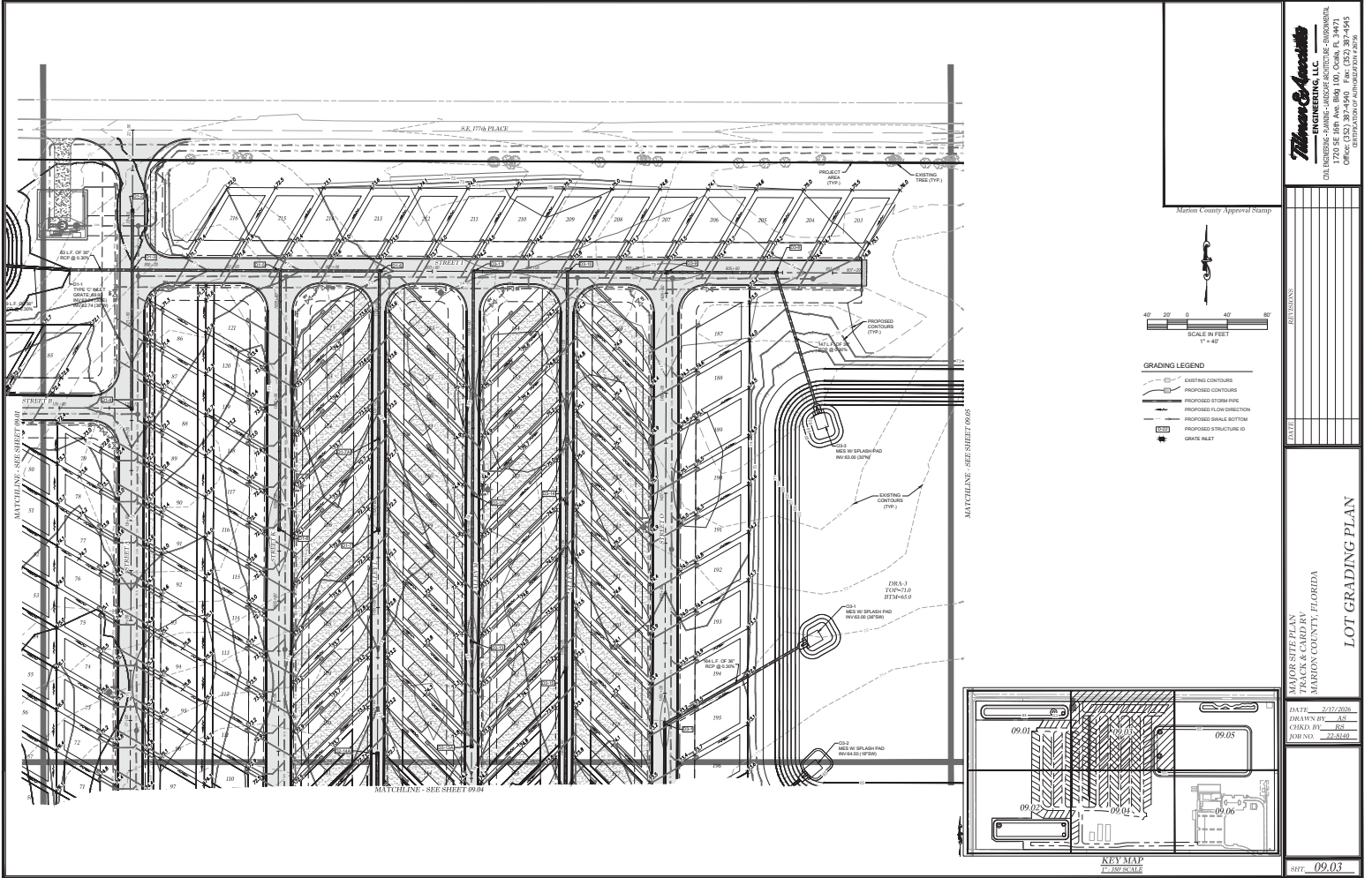
NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

Thomas & Associates
ENGINEERING, LLC
 CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
 7700 SE 108th Ave, Suite 100, Ocala, FL 34971
 352.237.0975
 www.thomasandassociates.com

DATE	2/12/2009
DESIGNED BY	AS
CHECKED BY	RS
FORN. NO.	22-8140

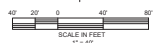
PROJECT: **TRAVIS & CARRIE**
 MARION COUNTY, FLORIDA
LOT GRADING PLAN

DATE: 2/12/2009
 DESIGNED BY: AS
 CHECKED BY: RS
 FORN. NO.: 22-8140
 SHEET: **09.02**



Thomas & Associates
ENGINEERING, LLC
 CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
 7200 SE 108th Ave, Suite 100, Ocala, FL 34971
 Phone: 352-235-9975
 Fax: 352-235-9976
 Website: www.thomasandassociates.com

Martin County Approval Stamp

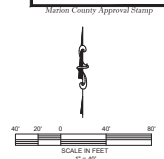
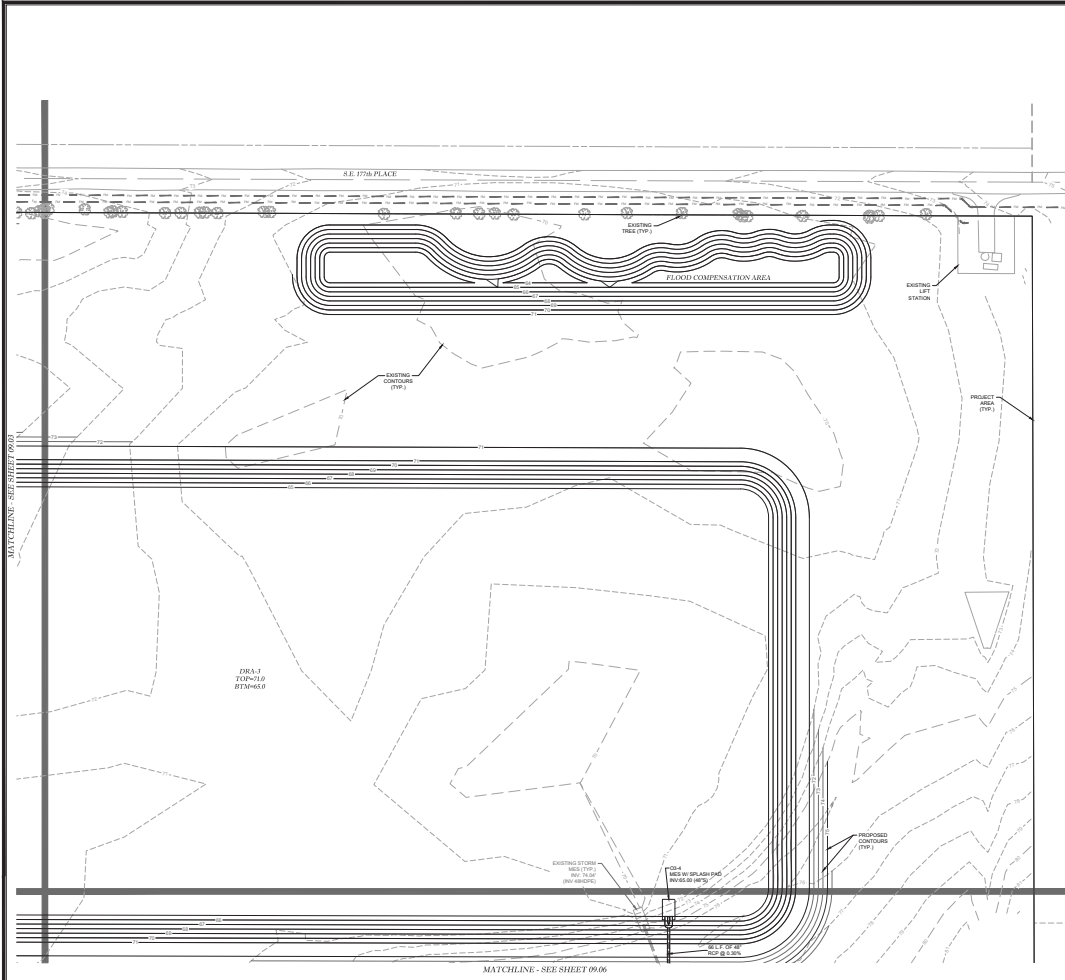


- GRADING LEGEND**
- EXISTING CONTOURS
 - PROPOSED CONTOURS
 - PROPOSED STREAMLINE
 - PROPOSED FLOW DIRECTION
 - PROPOSED SWALE BOTTOM
 - PROPOSED STRUCTURE ID
 - GRATE ALLEY

DATE: 2/12/2009
 DRAWN BY: AS
 CHECK BY: RL
 FOREMAN: JLS

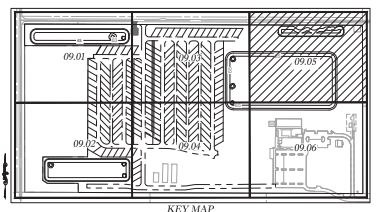
DATE: 2/12/2009
 DRAWN BY: AS
 CHECK BY: RL
 FOREMAN: JLS

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



GRADING LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED STORM SWP
- PROPOSED FLOW DIRECTION
- PROPOSED SWALE BOTTOM
- PROPOSED STRUCTURE ID
- GRATE INLET



Thomas & Associates
ENGINEERING, LLC
Civil Engineering - Planning - Landscape Architecture - Environmental
7720 SE 18th Ave, Suite 100, Ocala, FL 34471
Phone: 352-235-9775
Fax: 352-235-9776

MARTIN COUNTY APPROVAL STAMP

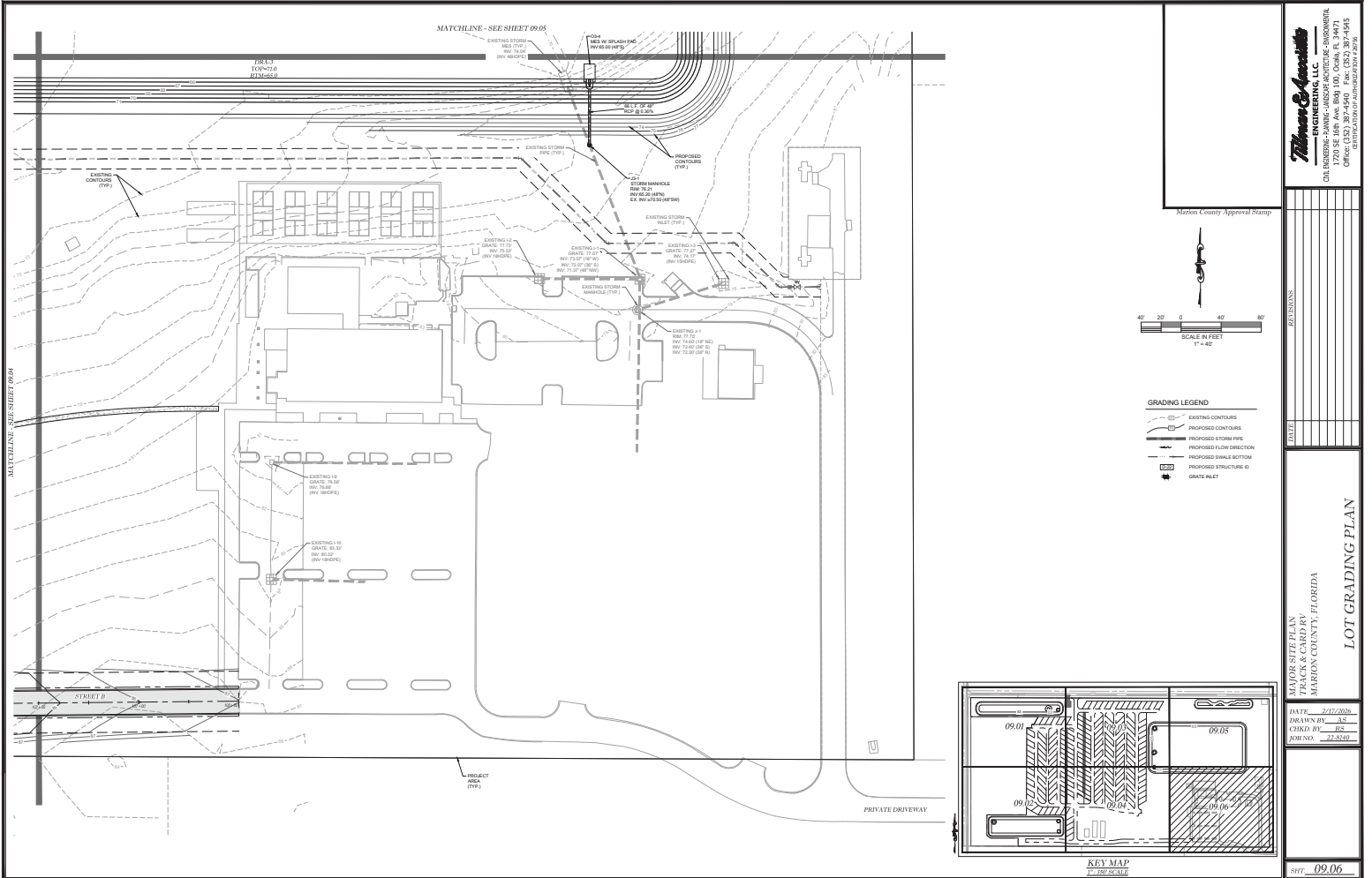
DATE: 2/12/2020
DRAWN BY: AS
CHECKED BY: JG
FORNOVA: 22-2110

PROJECT: TRAVIS & CARRIE
LOCATION: MARION COUNTY, FLORIDA

LOT GRADING PLAN

SHEET: **09.05**

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

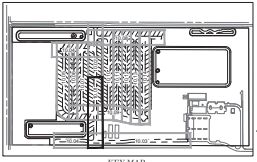
Thomas & Associates
ENGINEERING, LLC
 CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - SURVEILLANCE
 7200 SE 108th Ave, Suite 100, Ocala, FL 34971
 352.237.1100
 OFFICE: 352.237.1100
 RESIDENTIAL: 352.237.1100

Marion County Approval Stamp

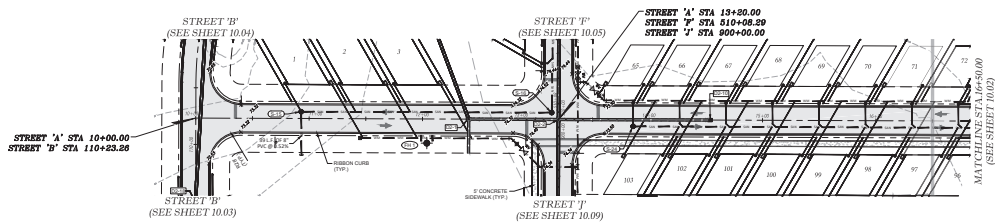
DATE	
BY	
TITLE	

LOT GRADING PLAN
 TRAVIS & CARRIE
 MARION COUNTY, FLORIDA

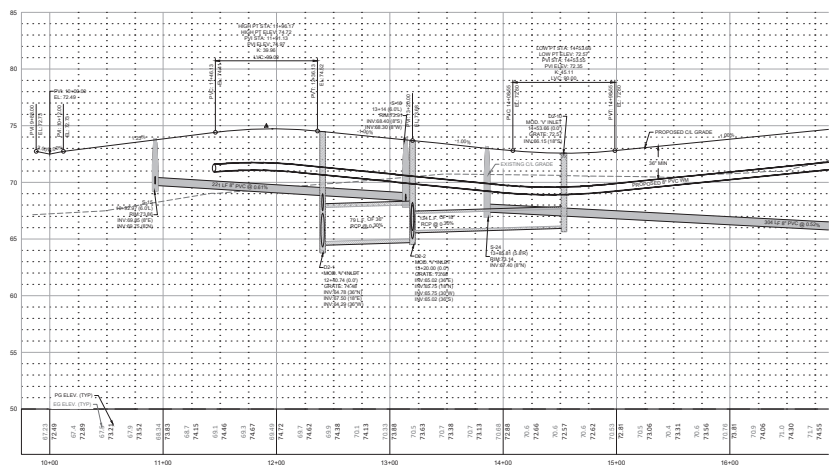
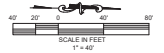
DATE	2/17/2009
DRAWN BY	AS
CHECKED BY	RS
FOUNDER	TS/AS
SHEET	09.06



- WATER LEGEND:**
- WATER MAIN
 - FIRE HYDRANT ASSEMBLY (FHA)
 - TEE
 - BEND
 - GATE VALVE & BOX
 - BLOW OFF ASSEMBLY
 - BENCH
 - FIRE HYDRANT NUMBER
 - WATER SERVICE
- SANITARY SEWER LEGEND:**
- SANITARY SEWER
 - MANHOLE
 - MANHOLE NUMBER
 - SANITARY SERVICE
 - SANITARY FORCE MAIN
 - BEND
- STORM WATER LEGEND:**
- GUTTER INLET
 - STORM MANHOLE
 - STORM PIPE
 - STORM STRUCTURE ID



STREET 'A'



Marion County Approval Stamp

Thompson & Associates
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - SURVEYING
1720 SE 18TH AVE, SUITE 100, COVINGTON, FL 32031
904.396.7800
WWW.THOMPSONANDASSOCIATES.COM

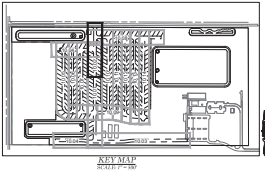
DATE: 02/27/2020
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 17-0141

PROJECT: MAJORITY PARK
700 MAJORITY PARK
MARION COUNTY, FLORIDA

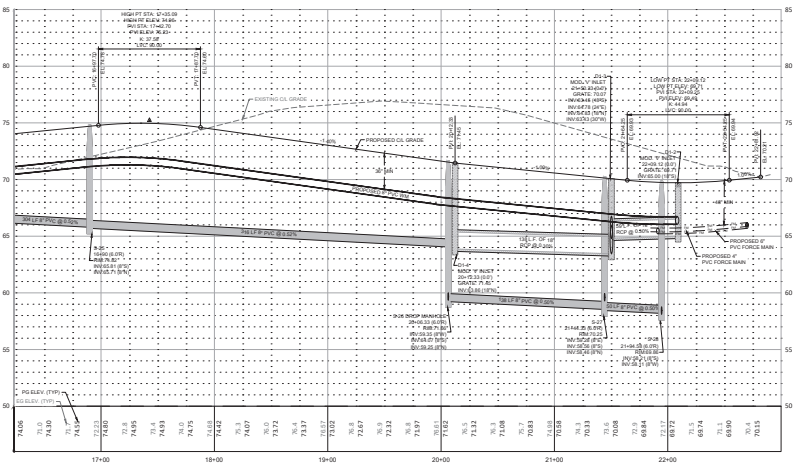
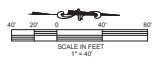
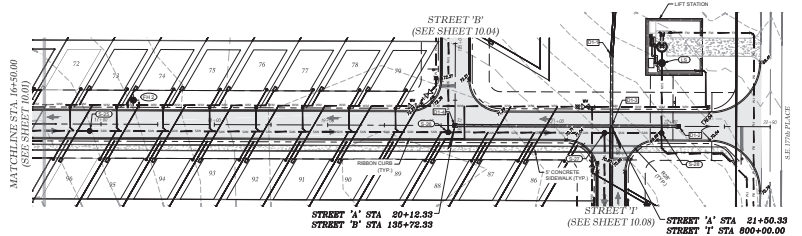
PLAN & PROFILE
STREET 'A'

SHEET 10.01

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



- WATER LEGEND:**
- Water Main
 - Fire Hydrant Assembly (FHA)
 - Valve
 - Gate Valve & Box
 - Blow Off Assembly
 - Reducer
 - Fire Hydrant Number
 - Water Service
- SANITARY SEWER LEGEND:**
- Sanitary Sewer
 - Manhole
 - Manhole Number
 - Sanitary Service
 - Sanitary Force Main
 - Box
- STORM WATER LEGEND:**
- Grate Inlet
 - Storm Inlet
 - Storm Structure



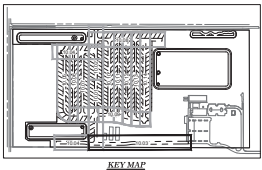
Marion County Approval Stamp

Thomas & Associates, LLC
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - SURVEYING
1720 SE 18TH AVE, SUITE 100, Ocala, FL 34471
PHONE: 352-237-4455
WWW.TAASOCIATES.COM

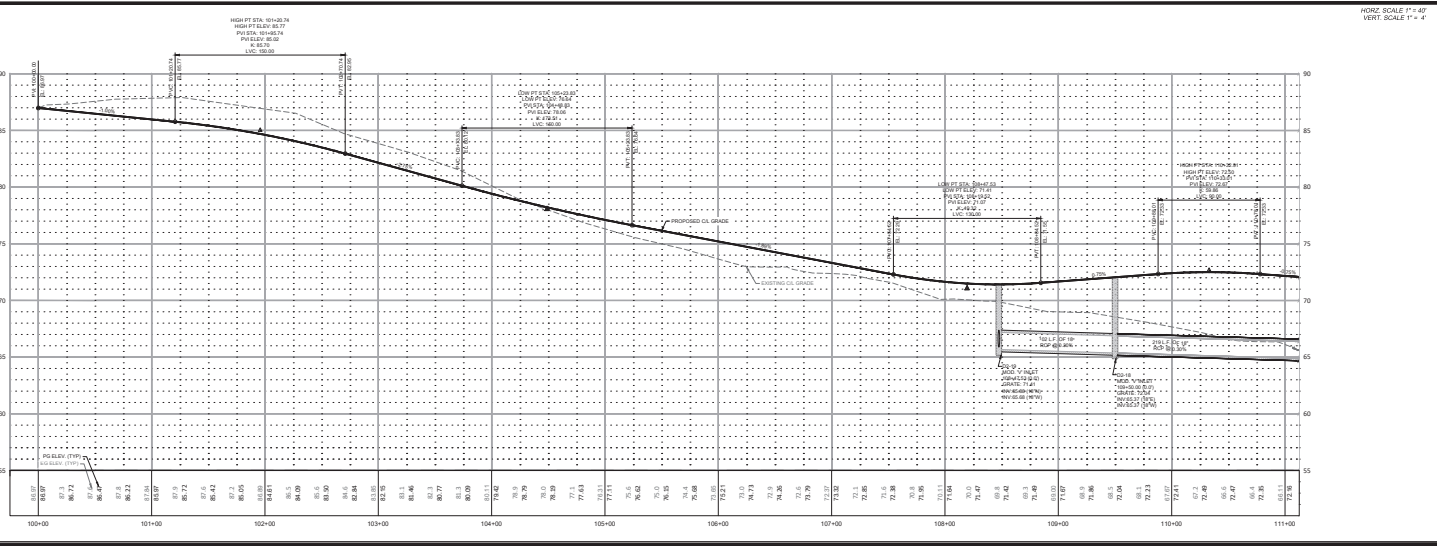
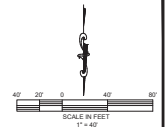
DATE: 07/17/2020
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 22-5110

SHEET: 10.02

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



- WATER LEGEND:**
- WATER MAIN
 - FIRE HYDRANT ASSEMBLY (FHA)
 - TEE
 - BEND
 - GATE VALVE & BOX
 - BLOW OFF ASSEMBLY
 - REDUCER
 - FIRE HYDRANT NUMBER
 - WATER SERVICE
- SANITARY SEWER LEGEND:**
- SANITARY SEWER
 - MANHOLE
 - MANHOLE NUMBER
 - SANITARY SERVICE
 - SANITARY FORCE MAIN
 - SEWER
- STORM WATER LEGEND:**
- GRATE INLET
 - STORM MANHOLE
 - STORM PIPE
 - STORM STRUCTURE ID



Thomas & Associates
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - SURVEYING
1720 SE 10TH AVE, SUITE 100, Ocala, FL 34071
352.237.1111
WWW.THOMASANDASSOCIATES.COM

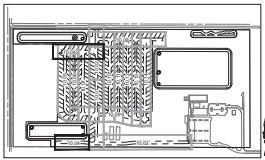
DATE: 07/27/2016
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 16-014

PLANNING
DESIGN
CONSTRUCTION

MAJOR STAFF PLAN
FOR
STREET 'B'
MARION COUNTY, FLORIDA
PLAN & PROFILE
STREET 'B'

SHT. 10.03

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



WATER LEGEND:

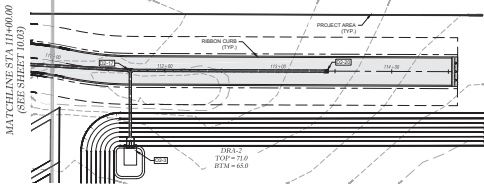
- WATER MAIN
- FIRE HYDRANT ASSEMBLY (FHA)
- TEE
- END
- GATE VALVE & BOX
- BLOW OFF ASSEMBLY
- REDUCER
- FIRE HYDRANT NUMBER
- WATER SERVICE

SANITARY SEWER LEGEND:

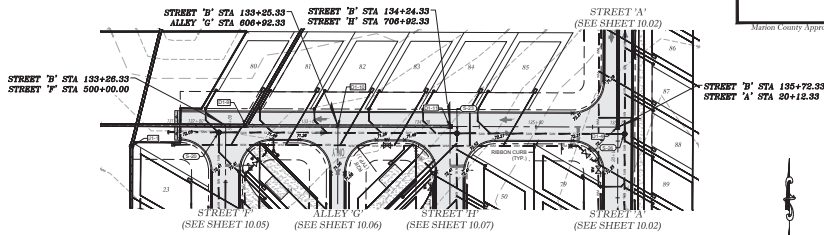
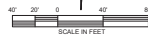
- SANITARY SEWER
- MANHOLE
- MANHOLE NUMBER
- SANITARY SERVICE
- SANITARY FORCE MAIN
- BOMBS

STORM WATER LEGEND:

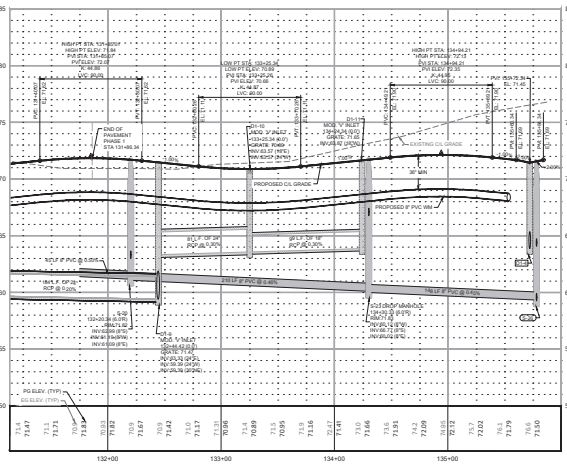
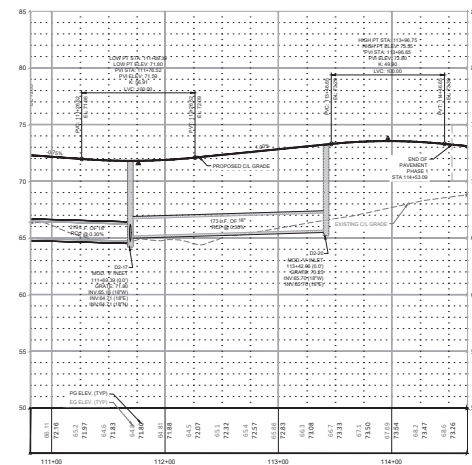
- STORM SILEY
- STORM MANHOLE
- STORM PIPE
- STORM STRUCTURE ID



STREET 'B'



STREET 'B'



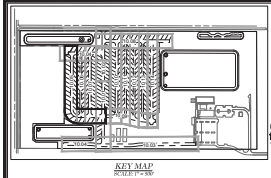
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'

Thomas & Associates
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - SURVEYING
1720 SE 10TH AVE, SUITE 100, OPAKA, FL 33471
407-344-4455
WWW.THOMASANDASSOCIATES.COM

DATE	02/27/2016
DRAWN BY	AS
CHECKED BY	RS
JOB NO.	13-810

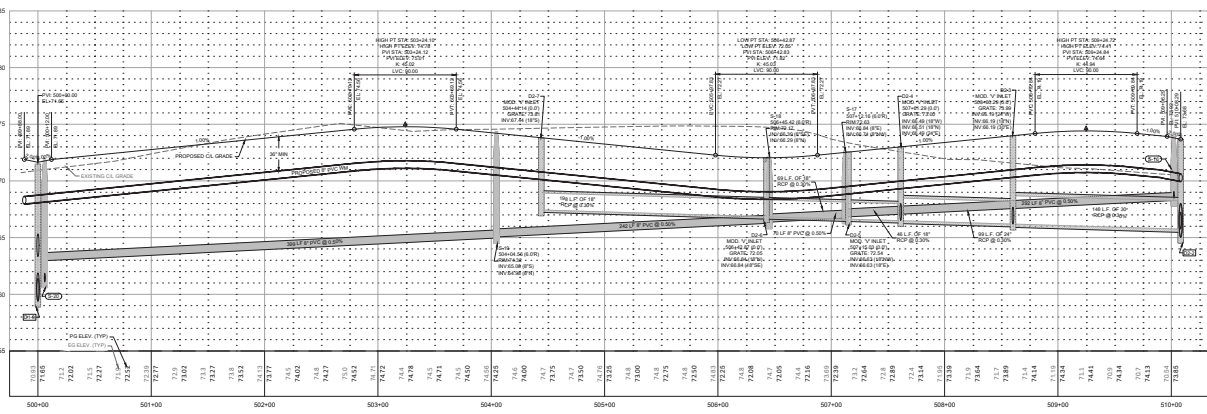
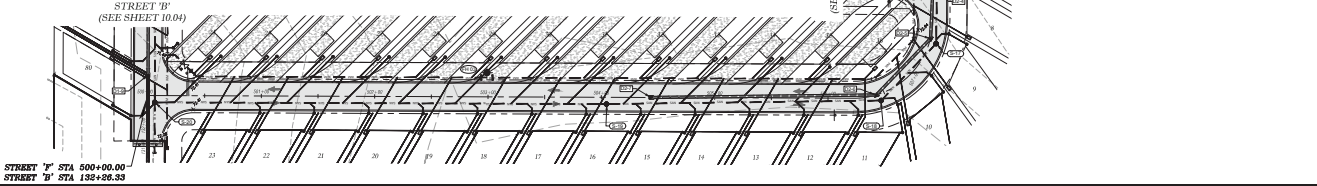
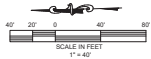
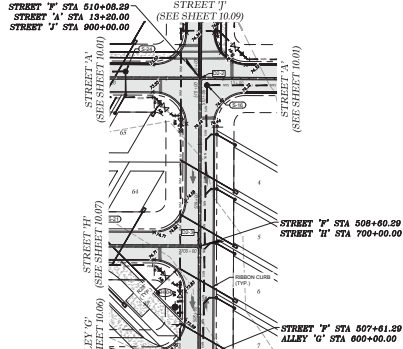
MAJOR STREET PLAN
FOR
THE
MARRION COUNTY, FLORIDA
PLAN & PROFILE
STREET 'B'

SHT. 10.04



- WATER LEGEND:**
- Water Main
 - Fire Hydrant Assembly (FHA)
 - Valve
 - Gate Valve & Box
 - Blow Off Assembly
 - Reducer
 - Fire Hydrant Number
 - Water Service
- SANITARY SEWER LEGEND:**
- Sanitary Sewer
 - Manhole
 - Manhole Number
 - Sanitary Service
 - Sanitary Force Main
 - Bonds
- STORM WATER LEGEND:**
- Gate Inlet
 - Storm Manhole
 - Storm Pipe
 - Storm Structure ID

STREET 'F'



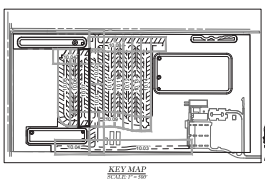
Thomas & Associates, LLC
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16TH AVE, SUITE 100, OPAWA, FL 33471
TEL: 407-241-4495
WWW.THOMASANDASSOCIATES.COM

DESIGNED BY: [Blank]
DRAWN BY: [Blank]
CHECKED BY: [Blank]
DATE: 03/17/2006
JOB NO.: 04-5140

MAJOR STATIONARY
MARRION COUNTY, FLORIDA
PLAN & PROFILE
STREET 'F'

SHEET 10.05

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



WATER LEGEND:

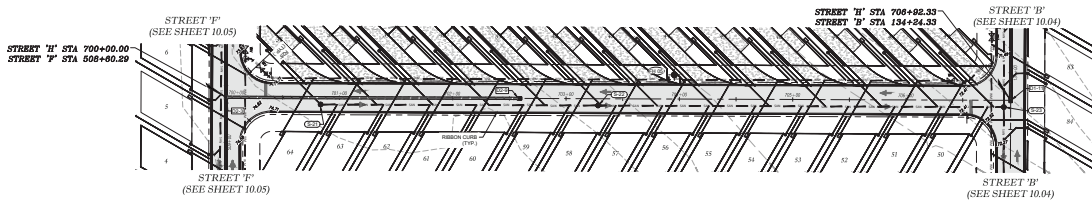
- WATER MAIN
- FIRE HYDRANT ASSEMBLY (FHA)
- TEE
- BEND
- GATE VALVE & BOX
- BLOW OFF ASSEMBLY
- REGULATOR
- FIRE HYDRANT NUMBER
- WATER SERVICE

SANITARY SEWER LEGEND:

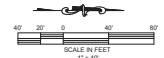
- SANITARY SEWER
- MANHOLE NUMBER
- SANITARY SERVICE
- SANITARY FORCE MAIN
- BENDS

STORM WATER LEGEND:

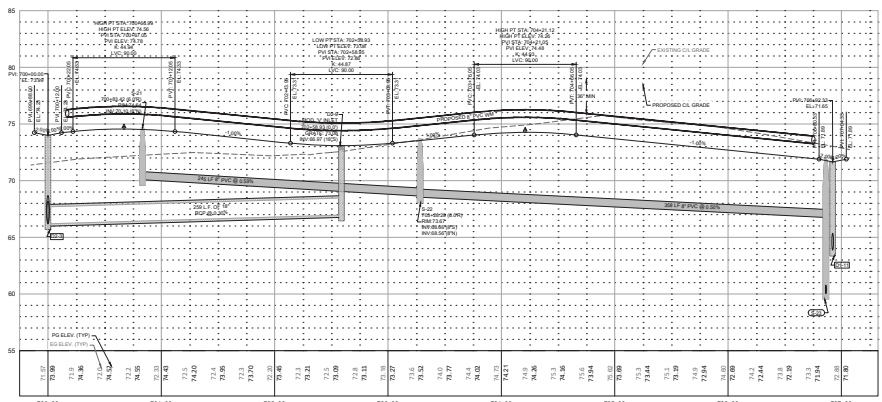
- GATE INLET
- STORM MANHOLE
- STORM PIPE
- STORM STRUCTURE (S)



STREET 'H'



HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'



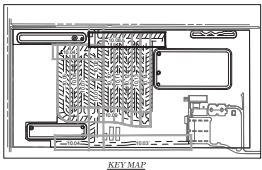
Thomas & Associates, Inc.
ENGINEERS, ARCHITECTS, PLANNERS
1726 SE 16TH AVE, SUITE 100, OPAKA, FL 33471
TEL: 407-344-4444
WWW.THOMASANDASSOCIATES.COM

Marion County Approval Stamp

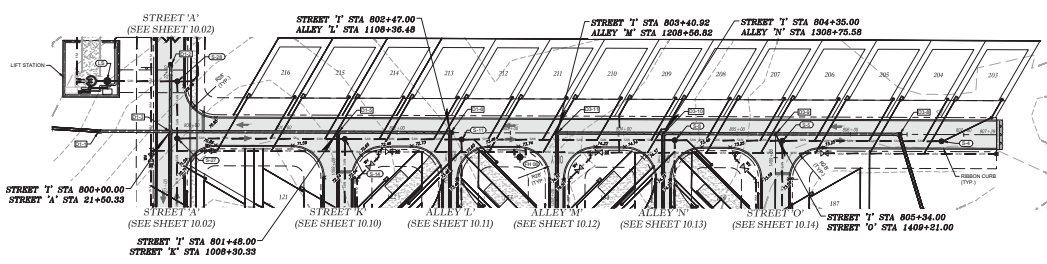
DATE: 02/17/2006
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 24-8140

SHEET 10.07

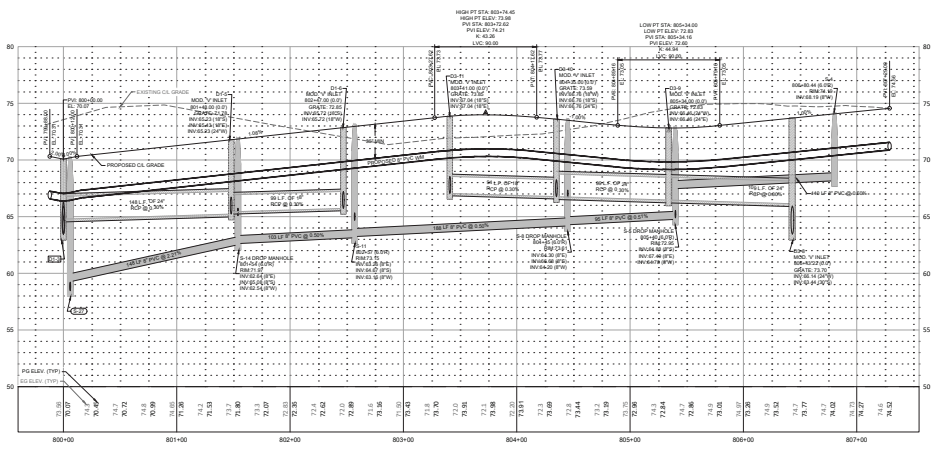
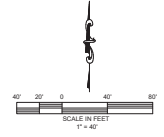
NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



- WATER LEGEND:**
- WATER MAIN
 - FIRE HYDRANT ASSEMBLY (FHA)
 - TEE
 - BEND
 - GATE VALVE & BOX
 - BLOW OFF ASSEMBLY
 - REDUCER
 - FIRE HYDRANT NUMBER
 - WATER SERVICE
- SANITARY SEWER LEGEND:**
- SANITARY SEWER
 - MANHOLE
 - MANHOLE NUMBER
 - SANITARY SERVICE
 - SANITARY FORCE MAIN
 - BENDS
- STORM WATER LEGEND:**
- GRATE INLET
 - STORM MANHOLE
 - STORM PIPE
 - STORM STRUCTURE (S)



STREET 'P'



HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'

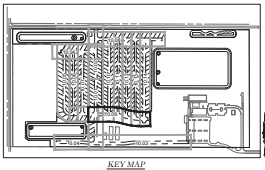
Thomas & Associates, Inc.
ENGINEERING, INC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16TH AVE. SUITE 100, Ocala, FL 34071
TEL: 352-237-4475
WWW.THOMASANDASSOCIATES.COM

DATE: 02/17/2020
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 20-5140

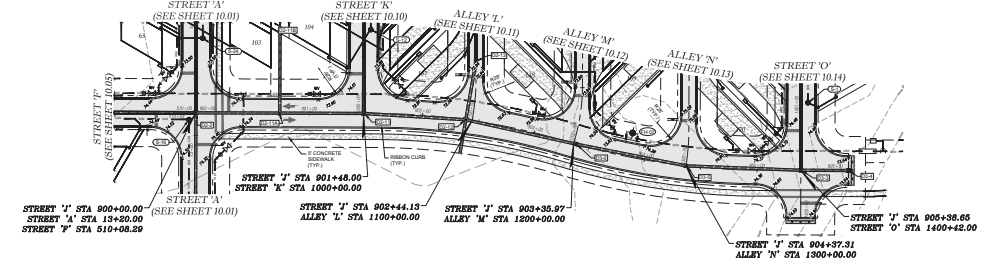
PROJECT: MARION COUNTY, FLORIDA
STREET 'P'

SHIT: 10.08

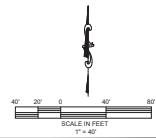
NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



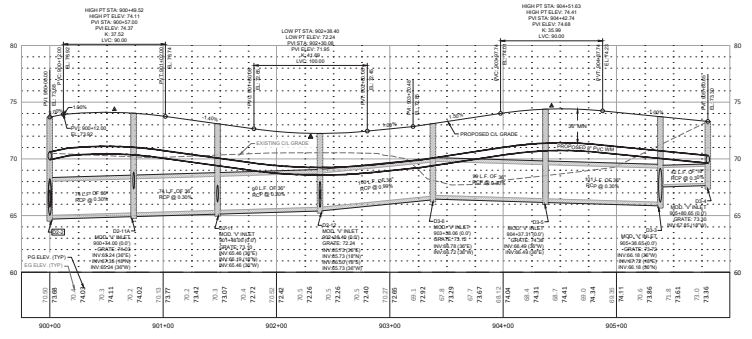
- WATER LEGEND:**
- WATER MAIN
 - FIRE HYDRANT ASSEMBLY (FH)
 - TEE
 - BEND
 - GATE VALVE & BOX
 - BLOW OFF ASSEMBLY
 - RELOCATOR
 - FIRE HYDRANT NUMBER
 - WATER SERVICE
- SANITARY SEWER LEGEND:**
- SANITARY SEWER
 - MANHOLE
 - MANHOLE NUMBER
 - SANITARY SERVICE
 - SANITARY FORCE MAIN
 - BEND
- STORM WATER LEGEND:**
- GATE ALEET
 - STORM MANHOLE
 - STORM PIPE
 - STORM STRUCTURE ID



STREET 'J'



HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'



Major Site Plan
MARGON COUNTY, FLORIDA
PLAN & PROFILE
STREET 'J'

DATE: 02/17/2006
DRAWN BY: AS
CHECKED BY: RS
JOB NO: 243140

SHIT: 10.09

Marion County Approval Stamp

REVISIONS

DATE

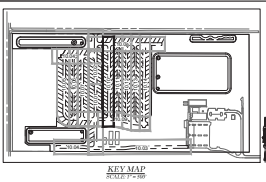
DESCRIPTION

SCALE IN FEET
1" = 40'

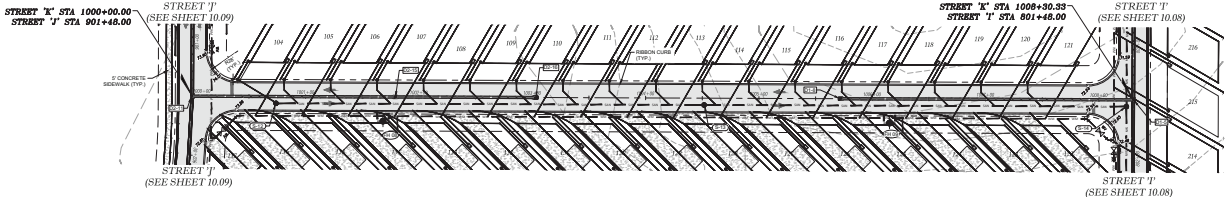
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'

Thomas & Associates, LLC
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - ARCHITECTURE - ENVIRONMENTAL
1726 SE 16TH AVE, SUITE 100, Ocala, FL 34471
PHONE: 352-237-4455
WWW.TA-ENGINEERS.COM
DATE OF ISSUE: 02/17/2006

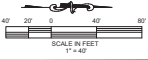
NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



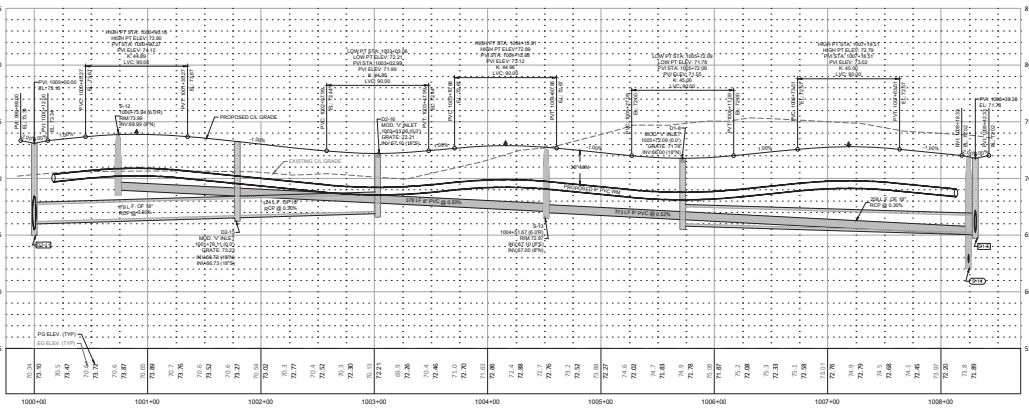
- | | | |
|---|--|--|
| WATER LEGEND: | SANITARY SEWER LEGEND: | STORM WATER LEGEND: |
| <ul style="list-style-type: none"> — WATER MAIN — FIRE HYDRANT ASSEMBLY (FHA) — TEE — BEND — GATE VALVE & BOX — BLOW OFF ASSEMBLY — FIRE HYDRANT NUMBER — WATER SERVICE | <ul style="list-style-type: none"> — SANITARY SEWER — MANHOLE — MANHOLE NUMBER — SANITARY SERVICE — SANITARY FORCE MAIN — BEND | <ul style="list-style-type: none"> — GRADE INLET — STORM MANHOLE — STORM PIPE — STORM STRUCTURE ID |



STREET 'K'



HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'



Thomas & Associates, LLC
ENGINEERING, INC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16TH AVE. SUITE 100, Ocala, FL 34471
352-237-4495
WWW.THOMASANDASSOCIATES.COM

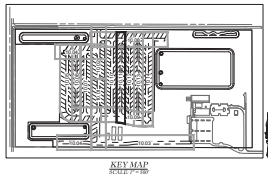
MARION COUNTY APPROVAL STAMP

DATE	DRAWN BY	CHECKED BY	JOB NO.
07/17/2006	AS	AS	24-8140

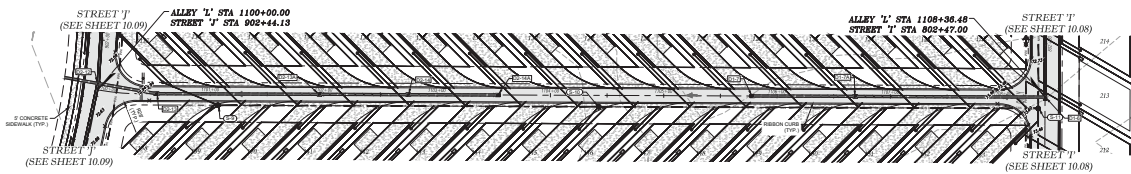
PLAN & PROFILE
STREET 'K'

SHEET 10.10

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



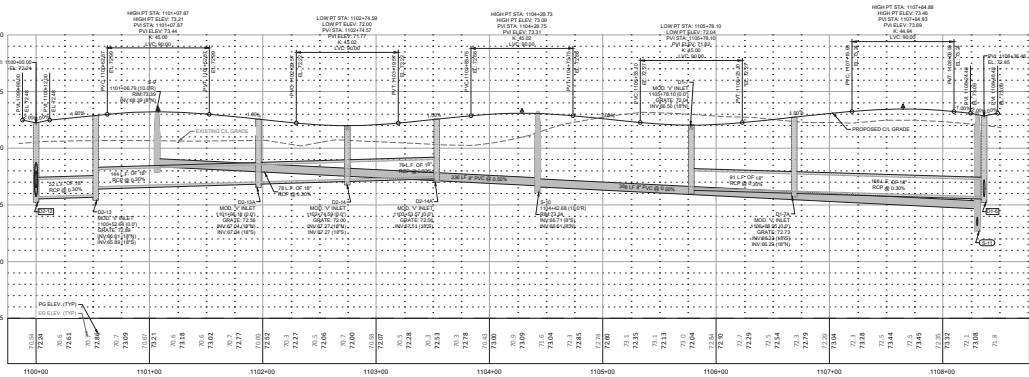
- WATER LEGEND:**
- WATER MAIN
 - FIRE HYDRANT ASSEMBLY (FHA)
 - TIE
 - END
 - GATE VALVE & BOX
 - BLOW OFF ASSEMBLY
 - REDUCER
 - WATER HYDRANT NUMBER
 - WATER SERVICE
- SANITARY SEWER LEGEND:**
- SANITARY SEWER
 - MANHOLE
 - MANHOLE NUMBER
 - SANITARY SERVICE
 - SANITARY FORCE MAIN
 - BENDS
- STORM WATER LEGEND:**
- CAST IRON PIPE
 - STORM MANHOLE
 - STORM PIPE
 - STORM STRUCTURE ID



ALLEY 'L'



HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'



NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

Thomas & Associates, LLC
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1726 SE 16TH AVE, SUITE 100, Ocala, FL 34471
PHONE: 352-237-4975
WWW.THOMASANDASSOCIATES.COM

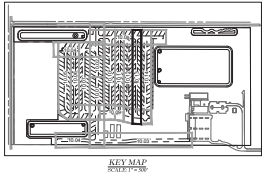
Revision Table

NO.	DATE	DESCRIPTION

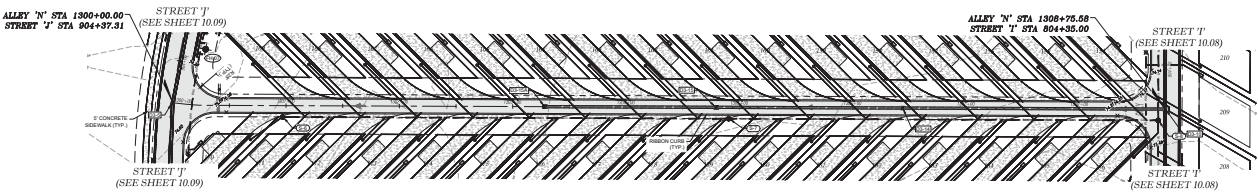
MAJOR STEVEN
MARRON COUNTY, FLORIDA
PLAN & PROFILE
ALLEY 'L'

DATE: 02/17/2020
DRAWN BY: AS
CHECKED BY: RS
JOB NO.: 201810

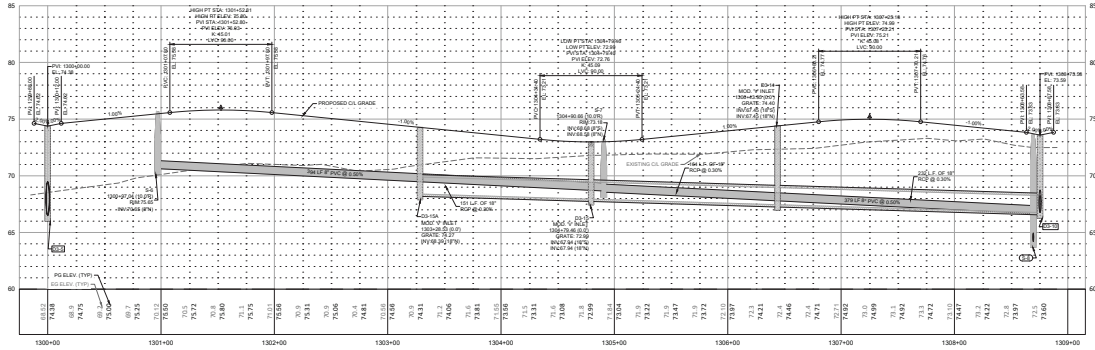
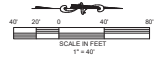
SHT. 10.11



- WATER LEGEND:**
- WATER MAIN
 - FIRE HYDRANT ASSEMBLY PLAN
 - TEE
 - BEND
 - GATE VALVE & BOX
 - BLOW OFF ASSEMBLY
 - REDUCER
 - DISCONTINUIT NUMBER
 - WATER SERVICE
- SANITARY SEWER LEGEND:**
- SANITARY SEWER
 - MANHOLE
 - MANHOLE NUMBER
 - SANITARY SERVICE
 - SANITARY FORCE MAIN
 - BENDS
- STORM WATER LEGEND:**
- STORM MANHOLE
 - STORM MANHOLE NUMBER
 - STORM PIPE
 - STORM STRUCTURE ID



ALLEY 'N'

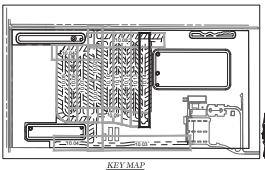


Major Site Plan
MARRION COUNTY, FLORIDA
PLAN & PROFILE
ALLEY 'N'

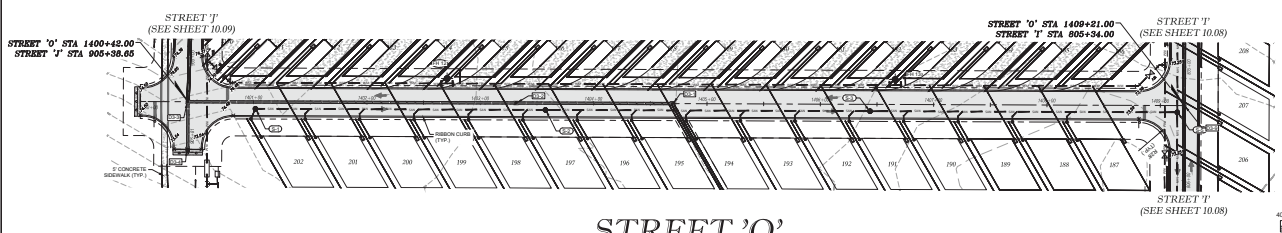
DATE: 02/17/2006
DRAWN BY: AS
CHECK BY: RS
JOB NO.: 74-5140

ENGINEERING & ARCHITECTURE, INC.
1726 SE 16TH AVE. SUITE 100, Ocala, FL 34471
PHONE: 352-237-4475
WWW: WWW.MARRIONCOUNTYFLORIDA.COM

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



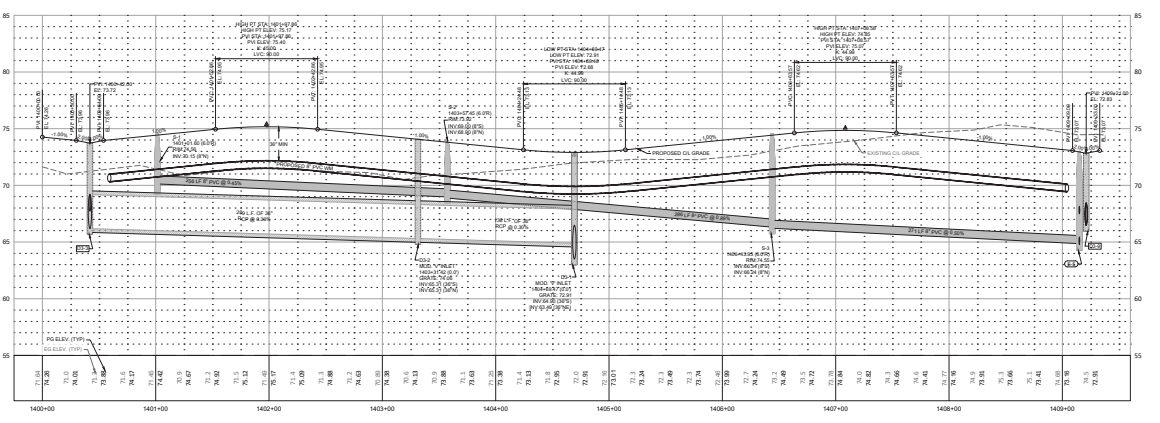
- WATER LEGEND:**
- WATER MAIN
 - FIRE HYDRANT ASSEMBLY (FHA)
 - T&E
 - B&B
 - GATE VALVE & BOX
 - BLOW OFF ASSEMBLY
 - RESIDUE
 - FIRE HYDRANT NUMBER
 - WATER SERVICE
- SANITARY SEWER LEGEND:**
- SANITARY SEWER
 - MANHOLE NUMBER
 - SANITARY SERVICE
 - SANITARY FORCE MAIN
 - BONDS
- STORM WATER LEGEND:**
- STORM INLET
 - STORM MANHOLE
 - STORM PIPE
 - STORM STRUCTURE ID



Marion County Approval Stamp

Thomas & Associates, LLC
ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16TH AVE. SUITE 100, Ocala, FL 34071
352-237-4455
WWW.THOMASANDASSOCIATES.COM

HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 4'



MAJOR STATE HWY
MARGON COUNTY, FLORIDA
PLAN & PROFILE
STREET 'O'

DATE: 03/17/2006
DRAWN BY: AS
CHECKED BY: JS
JOB NO.: 04-5140

SHT. 10.14

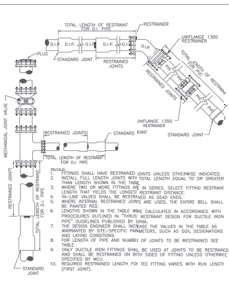
NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

Martin County Approval Stamp

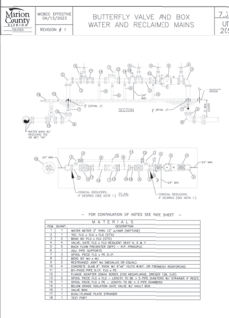
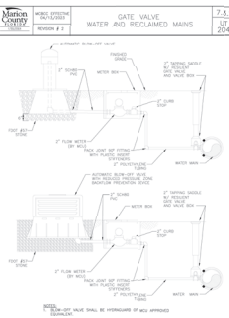
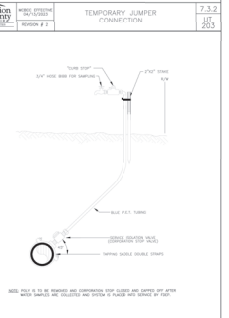
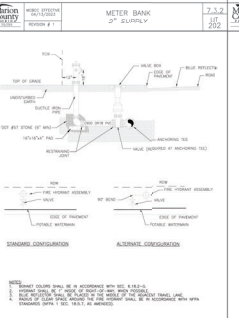
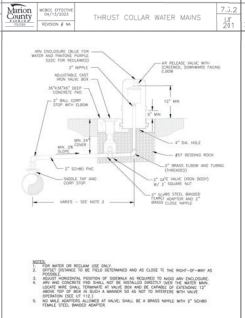
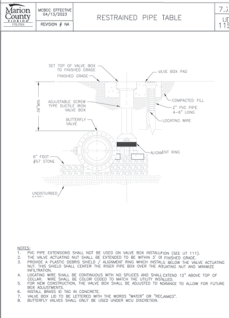
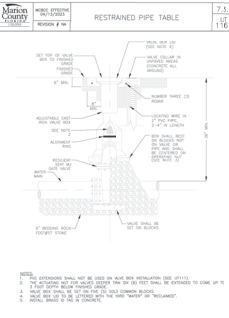
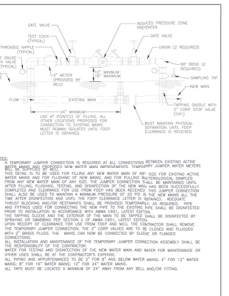
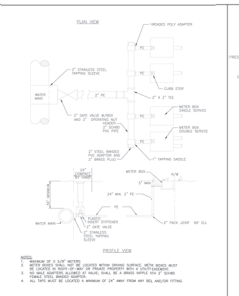
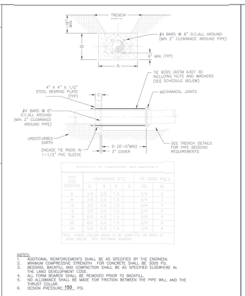
REVISIONS
 NO. DATE DESCRIPTION

POTABLE WATER DISTRIBUTION DETAILS

DATE: 2/17/2006
 DRAWN BY: AS
 CHECKED BY: RS
 JOB NO.: 243140



MINIMUM RESTRAINED LENGTH (FT)		HORIZONTAL	
FOR 20' OR ENLARGED D.P. OR BARE END UP-VERTICAL-DOWN		FOR 20' OR ENLARGED D.P. OR BARE END UP-VERTICAL-DOWN	
PIPE SIZE	RESTRAINED LENGTH (FT)	PIPE SIZE	RESTRAINED LENGTH (FT)
1/2"	10	1/2"	10
3/4"	10	3/4"	10
1"	10	1"	10
1 1/4"	10	1 1/4"	10
1 1/2"	10	1 1/2"	10
2"	10	2"	10
2 1/2"	10	2 1/2"	10
3"	10	3"	10
3 1/2"	10	3 1/2"	10
4"	10	4"	10
4 1/2"	10	4 1/2"	10
5"	10	5"	10
6"	10	6"	10
8"	10	8"	10
10"	10	10"	10
12"	10	12"	10
14"	10	14"	10
16"	10	16"	10
18"	10	18"	10
20"	10	20"	10
24"	10	24"	10
30"	10	30"	10
36"	10	36"	10
42"	10	42"	10
48"	10	48"	10
54"	10	54"	10
60"	10	60"	10
72"	10	72"	10
84"	10	84"	10
96"	10	96"	10
108"	10	108"	10
120"	10	120"	10



7.3.2 RESTRAINED PIPE TABLE
 SECTION 2.1

7.3.2 RESTRAINED PIPE TABLE
 SECTION 2.1

7.3.2 THRUST COLLAR WATER MAINS
 SECTION 2.1

7.3.2 METER BANK
 SECTION 2.1

7.3.2 TEMPORARY JUMPER TRANSITION
 SECTION 2.1

7.3.2 GATE VALVE AND RECLAIMED MAINS
 SECTION 2.1

7.3.2 BUTTERFLY VALVE AND BOX WATER AND RECLAIMED MAINS
 SECTION 2.1

7.3.2 ABOVEGROUND OFFSET WATER OR RECLAIM AIR RELEASE VALVE
 SECTION 2.1

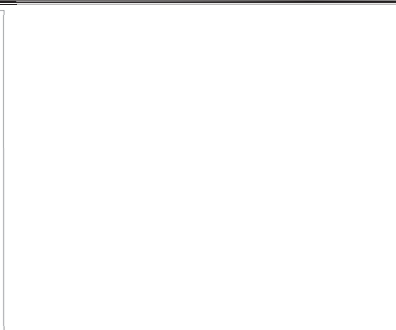
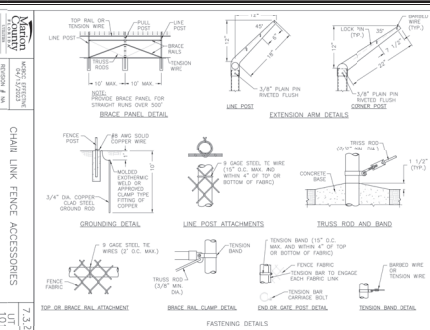
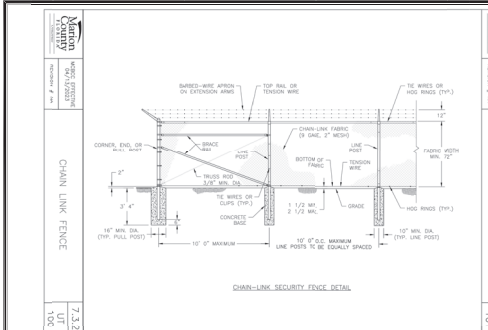
7.3.2 FIRE HYDRANT ASSEMBLY
 SECTION 2.1

7.3.2 TEMPORARY SAMPLE POINT
 SECTION 2.1

7.3.2 AUTOMATIC BLOW OFF VALVE WATER MAIN
 SECTION 2.1

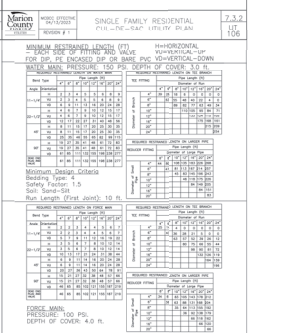
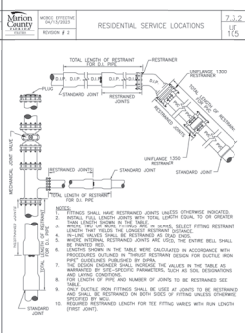
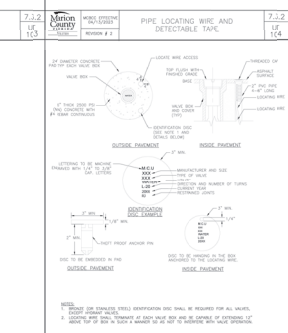
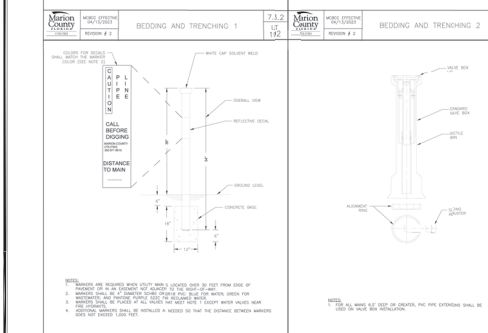
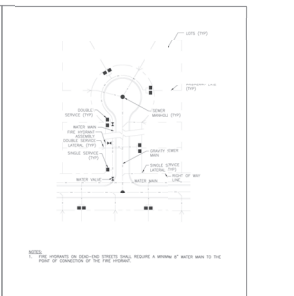
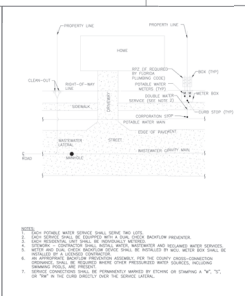
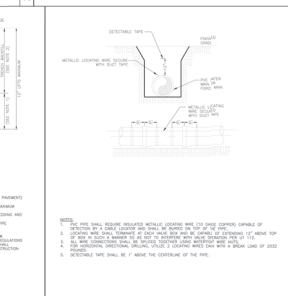
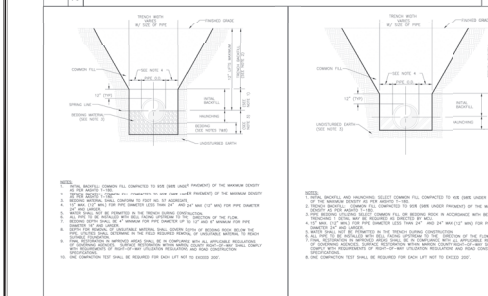
7.3.2 COMMERCIAL METERS 3" AND ABOVE W/ SINGLE BACKFLOW PREVENTER
 SECTION 2.1

7.3.2 COMMERCIAL METERS 2" AND ABOVE W/ SINGLE BACKFLOW PREVENTER
 SECTION 2.1



Marion County Approval Stamp

Thomas C. Anderson
ENGINEERING, LLC
CHILDREN'S-LEARNING-HANDS-APPROACH-ENVIRONMENTAL
1720 SE 68th Ave., Bldg. 300, Ocala, FL 34471
352-237-0000
TCA@TCA-ENGINEERING.COM
CERTIFICATE OF AUTHORIZATION 12478



Area	Material	Quantity	Notes
1	1/2\"/>		
2	1/2\"/>		
3	1/2\"/>		
4	1/2\"/>		
5	1/2\"/>		
6	1/2\"/>		
7	1/2\"/>		
8	1/2\"/>		
9	1/2\"/>		
10	1/2\"/>		
11	1/2\"/>		
12	1/2\"/>		
13	1/2\"/>		
14	1/2\"/>		
15	1/2\"/>		
16	1/2\"/>		
17	1/2\"/>		
18	1/2\"/>		
19	1/2\"/>		
20	1/2\"/>		
21	1/2\"/>		
22	1/2\"/>		
23	1/2\"/>		
24	1/2\"/>		
25	1/2\"/>		
26	1/2\"/>		
27	1/2\"/>		
28	1/2\"/>		
29	1/2\"/>		
30	1/2\"/>		
31	1/2\"/>		
32	1/2\"/>		
33	1/2\"/>		
34	1/2\"/>		
35	1/2\"/>		
36	1/2\"/>		
37	1/2\"/>		
38	1/2\"/>		
39	1/2\"/>		
40	1/2\"/>		
41	1/2\"/>		
42	1/2\"/>		
43	1/2\"/>		
44	1/2\"/>		
45	1/2\"/>		
46	1/2\"/>		
47	1/2\"/>		
48	1/2\"/>		
49	1/2\"/>		
50	1/2\"/>		
51	1/2\"/>		
52	1/2\"/>		
53	1/2\"/>		
54	1/2\"/>		
55	1/2\"/>		
56	1/2\"/>		
57	1/2\"/>		
58	1/2\"/>		
59	1/2\"/>		
60	1/2\"/>		
61	1/2\"/>		
62	1/2\"/>		
63	1/2\"/>		
64	1/2\"/>		
65	1/2\"/>		
66	1/2\"/>		
67	1/2\"/>		
68	1/2\"/>		
69	1/2\"/>		
70	1/2\"/>		
71	1/2\"/>		
72	1/2\"/>		
73	1/2\"/>		
74	1/2\"/>		
75	1/2\"/>		
76	1/2\"/>		
77	1/2\"/>		
78	1/2\"/>		
79	1/2\"/>		
80	1/2\"/>		
81	1/2\"/>		
82	1/2\"/>		
83	1/2\"/>		
84	1/2\"/>		
85	1/2\"/>		
86	1/2\"/>		
87	1/2\"/>		
88	1/2\"/>		
89	1/2\"/>		
90	1/2\"/>		
91	1/2\"/>		
92	1/2\"/>		
93	1/2\"/>		
94	1/2\"/>		
95	1/2\"/>		
96	1/2\"/>		
97	1/2\"/>		
98	1/2\"/>		
99	1/2\"/>		
100	1/2\"/>		

Marion County PROJECT: UTILITY MAIN MARKER SHEET: 1 OF 15

Marion County PROJECT: SEALED VALVE BOX, ADJUSTABLE SHEET: 1 OF 15

Marion County PROJECT: VALVE BOX PAD SHEET: 1 OF 15

Marion County PROJECT: RESTRAINED PIPE TABLE SHEET: 1 OF 15

Marion County PROJECT: RESTRAINED PIPE TABLE SHEET: 1 OF 15

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

DATE: 2/15/2018
DRAWN BY: AS
DESIGN: 22-8140

SAINTLY SEWER DETAILS
MARION COUNTY, FLORIDA

REVISIONS

Marion County Approval Stamp

Thomas & Associates
 ENGINEERING, P.L.L.C.
 CIVIL ENGINEERING - SURVEYING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
 1720 SE 16th Ave, Box 100, Ocala, FL 34471
 PHONE: 352-237-4955
 FAX: 352-237-4956
 WWW: WWW.TANDASSOCIATES.COM

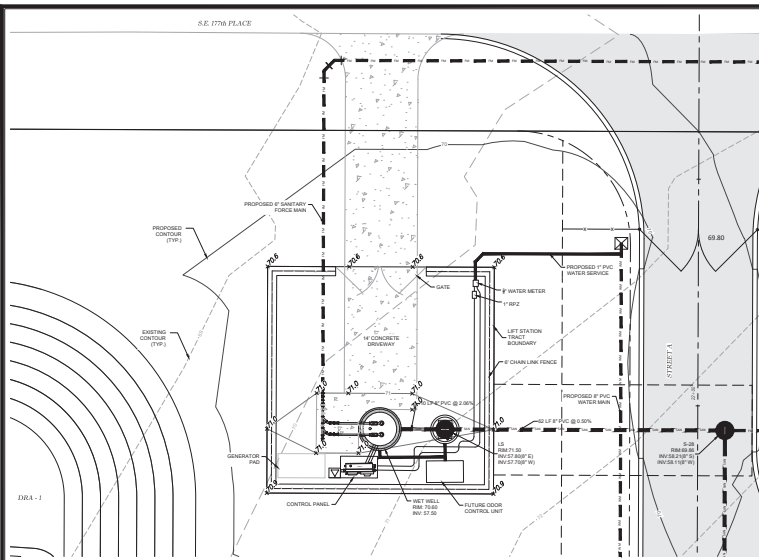
Marion County Approval Stamp

DATE	
BY	
CHECKED	
APPROVED	

IMPROVEMENT PLANS
 MARION COUNTY, FLORIDA
SANITARY SEWER DETAILS

DATE: 2/22/2020
 DRAWN BY: AS
 CHECKED BY: RS
 JOB NO.: 22-8149

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



LIFT STATION PLAN
 LIFT STATION AND ABOVE-GROUND VALVE ARRAY
 SCALE: 1"=10'

WASTEWATER PUMP STATION SPECIFICATIONS

GENERAL NOTES

1. ALL RELEASE VALVES BETWEEN PIPES AND ALL INSTALLED EQUIPMENT SHALL BE 5"
2. MANHOLE AND WETWELL SHALL HAVE HOPE LAMP
3. ALL RELEASE VALVES OPERATING LINE SHALL BE A MINIMUM OF 2" SCHEDULE 40 PVC PIPE
4. CONDUITS FROM CONTROL PANEL SHALL BE 2" DOWNHOLE MINIMUM. PRECAST DISTRIBUTIONS SHALL BE 4" MINIMUM. THERE SHALL BE A MINIMUM OF ONE CONDUIT FOR EACH CONDUIT. THE NUMBER OF CONDUITS REQUIRED FOR FAN/ALARMS SHALL BE AS REQUIRED BY THE PUMP MANUFACTURER. CONDUIT FROM CONTROL PANEL SHALL BE MINIMUM OF 3" FROM THE TOP EDGE OF THE LIFT STATION
5. PROVIDE FLY-TO-FLOOR STANDARD PACKAGE
6. ALL EQUIPMENT TO LIFT STATION SHALL BE PROVIDED TO M.C.U.S.
7. ALL EQUIPMENT PRECAST SHALL BE COORDINATED WITH M.C.U.S. IN THE FIELD. THE MAXIMUM NUMBER OF CONDUITS SHALL BE LESS THAN 20 DEGREES OF TOTAL TURNS.

MANUFACTURER'S REQUIREMENTS

MANUFACTURER'S GROUNDS	VOLTAGE 480 V
MODEL: BCS-20-AR-300	PHASE: 3
IMP: 1.5"	IMP: 36"
DR: 18"	IMP: 36" OR 48" IN DIA. 1.5" IN
SPEED: 3555 RPM	CURVE NUMBER: SC1050
DISCHARGE: 24"	

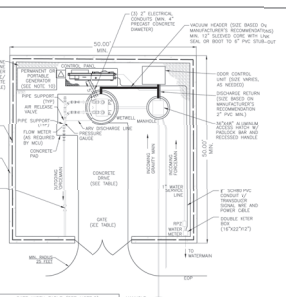
SHAFT OFF HEAD: 380 FEET TON
HEAD CONDITION: 225 GPM AT 180 TON

DESCRIPTION	SYMBOL	DIMENSION	ELEVATION
THICKNESS OF WALL	A	12"	---
DIAMETER OF WET WELL	B	7'	---
WIDTH OF BOTTOM FLOOR	C	SEE NOTE 1	---
CL OF WET WELL TO CL OF PIPES	D	SEE NOTE 1	---
LENGTH OF PUMP ACCESS OPENING	E	SEE NOTE 1	---
WIDTH OF PUMP ACCESS OPENING	F	SEE NOTE 1	---
CENTER OF WET WELL TO EDGE OF WADCH	G	SEE NOTE 1	---
UP WIDTH OF WET WELL BASE	H	12"	---
THICKNESS OF WETWELL BASE	I	2"	---
TOP OF WET WELL	J	---	11.00
FINISH GRADE	K	---	11.00
HIGH LEVEL ALARM	L	---	11.00
LOW LEVEL ALARM	M	---	11.00
LAG PUMP ON	N	---	11.00
LAG PUMP OFF	O	---	11.00
BOTTOM OF PUMP TO FLOOR OF WET WELL	P	---	11.00
STEP HEIGHT AS REQUIRED	Q	---	11.00
FLOOR OF WET WELL	Z	---	11.00

ELEVATION NOTES

1. ALL ELEVATIONS SHALL BE TO THE FINISH GRADE.
2. ELEVATION X, ELEVATION Z & E
3. TOP ELEVATION OF WET WELL SHALL BE A MINIMUM OF 1' ABOVE THE 100 YEAR FLOOD ELEVATION AND THE ELEVATION OF THE BOTTOM OF THE WET WELL.
4. DIMENSIONS SHOWN IN THIS PLAN SHALL BE USED IN DETAILS, UTILITY AND UTILITY.
5. DIMENSIONS SHOWN IN THIS PLAN SHALL BE USED IN DETAILS, UTILITY AND UTILITY.
6. BATTERY BACKUP FOR AUDIBLE ALARM AND WARNING LIGHT SHALL BE PROVIDED.

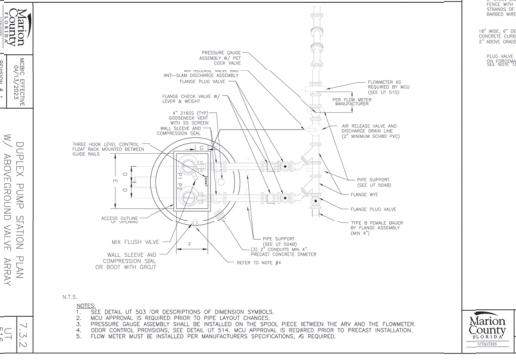
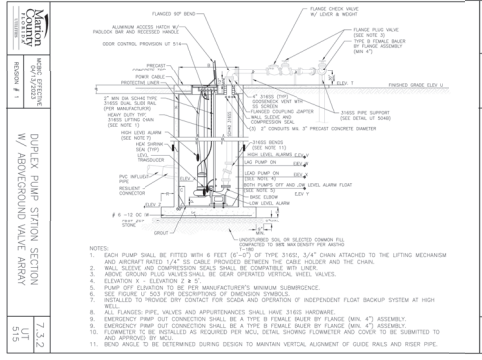
NOT FOR INFORMATIONAL PURPOSES ONLY. USE SITE PLAN IN LOWER LEFT CORNER FOR ACTUAL LIFT STATION CONFIGURATION



WET WELL	VALVE	VALVE	VALVE
12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"
12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"
12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"
12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"

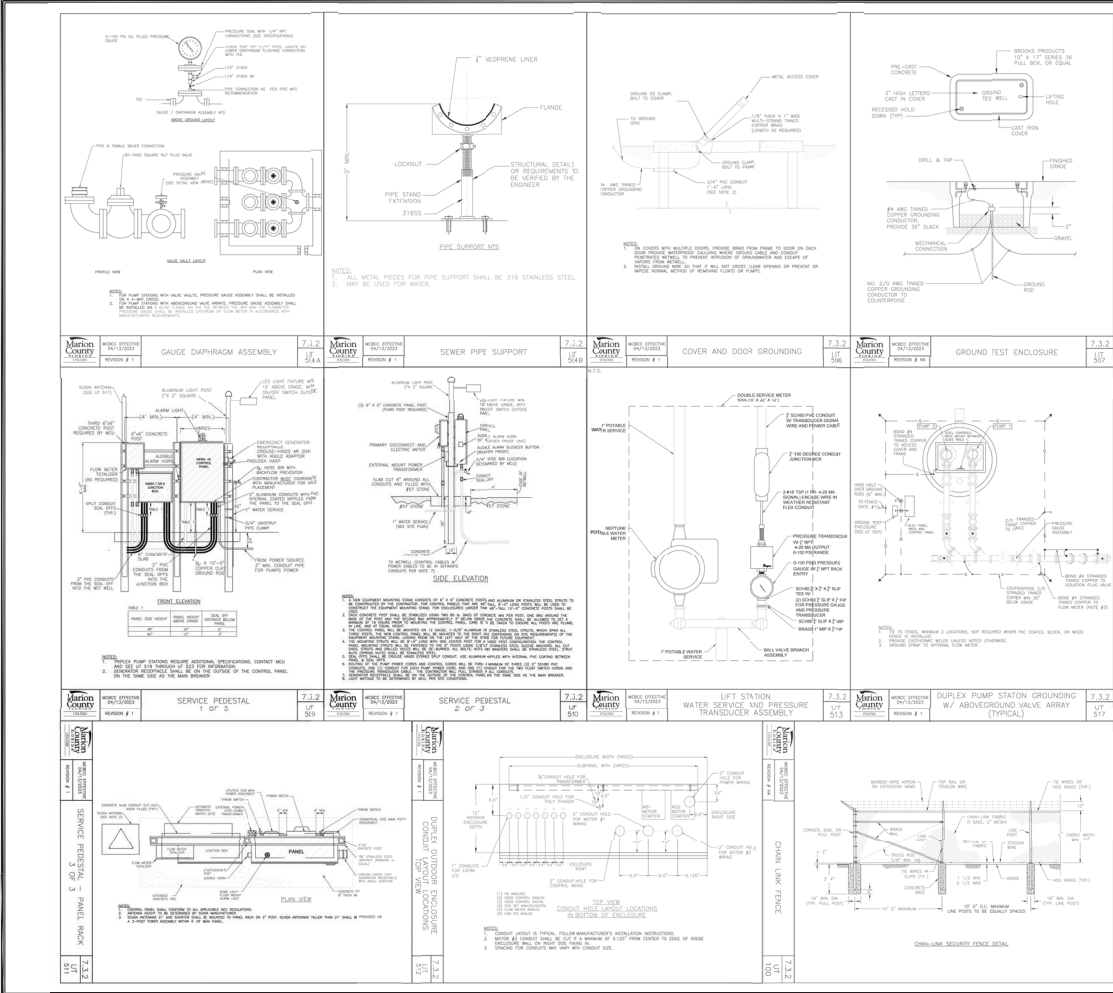
NOTES

1. SEE DETAIL OF SCS FOR DESCRIPTIONS OF DIMENSION SYMBOLS.
2. M.C.U.S. APPROVAL IS REQUIRED PRIOR TO PIPE LAYOUT SUBMITTAL.
3. PRESSURE GAUGE ASSEMBLY SHALL BE INSTALLED ON THE HIGH PRESS. SIDE BETWEEN THE ARRAY AND THE FLUORIUM.
4. DOOR CONTROL PROVISIONS, SEE DETAIL 10114 M.C.U.S. APPROVAL IS REQUIRED PRIOR TO PRECAST INSTALLATION.
5. FLOOR METER MUST BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, AS REQUIRED.



DUPEX PUMP STATION SECTION
 W/ ABOVEGROUND VALVE ARRAY
 SCALE: 1"=10'

DUPEX PUMP STATION SECTION
 W/ ABOVEGROUND VALVE ARRAY
 SCALE: 1"=10'



Marion County Approval Stamp

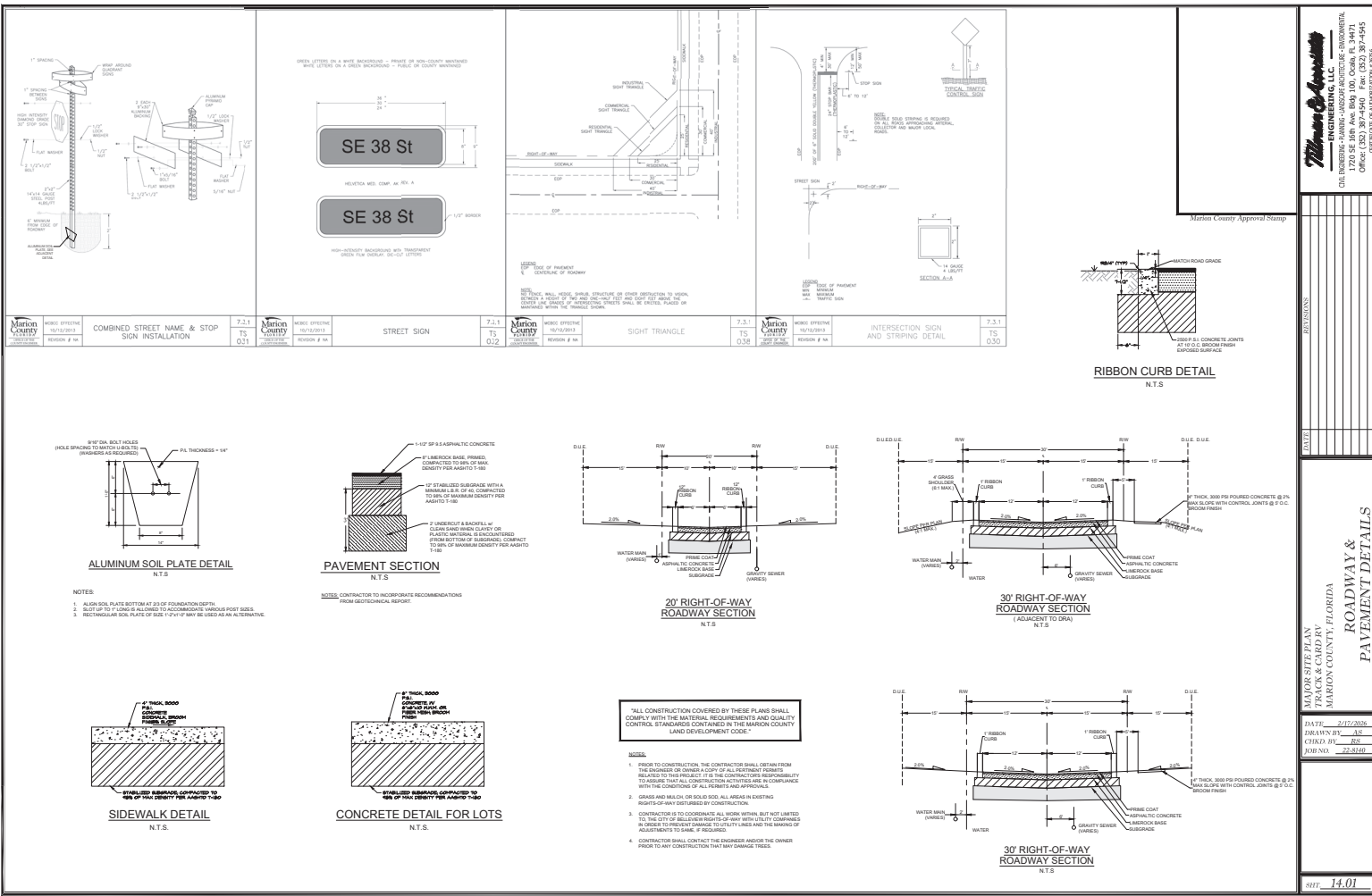
Marion County
 ENGINEERING, LLC
 CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - PHOTOGRAMMETRY
 1000 W. UNIVERSITY AVENUE, SUITE 100, GAINESVILLE, FL 32609
 PHONE: (352) 382-4545
 FAX: (352) 382-4545
 WWW: WWW.MARIONCOUNTYENGINEERING.COM

DATE: 2/22/2024
DRAWN BY: AS
CHECK BY: RS
JOB NO.: 22-2140

MARION COUNTY, FLORIDA
TRACK & ROAD
MARION COUNTY, FLORIDA
LIFT STATION
PLAN & DETAILS

SHEET 13.02

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



Marion County Approval Stamp

Marion County

1720 SE 16th Ave, Bldg 100, Ocala, FL 34471
Office: (352) 387-4590 Fax: (352) 387-4545
www.marioncountyfla.gov

Marion County Approval Stamp

Marion County

1720 SE 16th Ave, Bldg 100, Ocala, FL 34471
Office: (352) 387-4590 Fax: (352) 387-4545
www.marioncountyfla.gov

Marion County Approval Stamp

Marion County

1720 SE 16th Ave, Bldg 100, Ocala, FL 34471
Office: (352) 387-4590 Fax: (352) 387-4545
www.marioncountyfla.gov

Marion County Approval Stamp

Marion County

1720 SE 16th Ave, Bldg 100, Ocala, FL 34471
Office: (352) 387-4590 Fax: (352) 387-4545
www.marioncountyfla.gov

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

8/17 14.01

GENERAL NOTES:

- Cross Slopes and Grabs:**
 - Sidewalks shall have a cross slope for 0.02, 0.03, and 0.02 from left to right as indicated. With approval of the Engineer, provide the maximum feasible slope within the right-of-way limits of the job.
 - Landings shall have a cross slope less than or equal to 0.02 in any direction.
 - Handrails shall be installed on the outer edge of the work ramp.
 - Handrails shall be installed on the outer edge of the work ramp.
 - Handrails shall be installed on the outer edge of the work ramp.
- Curb, Curb and Gutter, and Sidewalk:**
 - Refer to Index 522-007 for concrete thickness and sidewalk details.
 - Refer to Index 522-007 for concrete thickness and sidewalk details.
 - Refer to Index 522-007 for concrete thickness and sidewalk details.
 - Refer to Index 522-007 for concrete thickness and sidewalk details.
 - Refer to Index 522-007 for concrete thickness and sidewalk details.
- Handrails:**
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.

CURB RAMP NOMENCLATURE

SIDEWALK CURB RAMP CR-D, CR-E, CR-F & CR-G

GENERAL NOTES:

- Handrails:**
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.
- Handrails:**
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.

SIDEWALK CURB RAMP CR-A AND CR-B

GENERAL NOTES:

- Handrails:**
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.
- Handrails:**
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.
 - Handrails shall be installed in accordance with Specification 527.

SIDEWALK WITH UTILITY STRIP
SIDEWALK WITHOUT UTILITY STRIP

SECTION A-A **SECTION B-B** **RAILING DETAIL**

Main County Approval Stamp

DATE: 2/10/2024
 DRAWN BY: AS
 CHECK BY: RS
 JOB NO: 24-870

MAJOR HIGHWAY: 17
 COUNTY: MARION COUNTY, FLORIDA
 ROADWAY & PAVEMENT DETAILS

SHEET: 14.02

MANHOLE NOTES

- SEAL ALL PIPE OPENINGS IN PRECAST MANHOLE WITH EMBLEM EPOXY RESIN GROUT TO APPROVED EQUALS.
- MANHOLE COVERS SHALL BE CLEANED AND PAINTED WITH BLACK FLUOROPOLYMER PAINT.
- UNGRADED AREAS AND 3" TO 6" ABOVE GRADE AREAS.
- ALL TERMINATE PRECAST MANHOLE TOPS.
- VERTICAL CONCRETE CORE CAGES MAY BE USED AS AN ALTERNATE.
- APPROVED FLAT SLAB TOP MAY BE USED AS AN ALTERNATE.

TABLE OF CONTENTS

NO.	DESCRIPTION	DATE
1	MANHOLE NOTES	2/12/16
2	TYPE A - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS	2/12/16
3	TYPE B - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS	2/12/16
4	TYPE C - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS	2/12/16
5	TYPE D - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS	2/12/16
6	SHALLOW AND DEEP SINKHOLE/CANYON MAINTENANCE REPAIR DETAIL	2/12/16
7	DRAINAGE PRECAST MANHOLE DETAIL	2/12/16
8	DRA CROSS-SECTIONS	2/12/16
9	MODIFIED TYPE "V" INLET DETAIL	2/12/16

TYPE A - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS

TYPE B - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS

TYPE C - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS

TYPE D - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS

SHALLOW AND DEEP SINKHOLE/CANYON MAINTENANCE REPAIR DETAIL

DRAINAGE PRECAST MANHOLE DETAIL

DRA CROSS-SECTIONS

MODIFIED TYPE "V" INLET DETAIL

GENERAL NOTES

- THE INLET IS DESIGNED FOR SHALLOW SINKHOLE, OTHERS ARE SUBJECT TO HEAVY TRAFFIC LOADS, MAIN ARTERIALS AND SUBJECT TO FLOODING AND/OR CYCLE TRAFFIC. PRECAST STRUCTURE SHALL BE CAST IN PLACE CONCRETE WITH CURBS TO CURB NOT MORE THAN 2".
- REINFORCING #4 BARS AT 12" CTRS. BOTH WAYS IN WALLS. SLABS TO HAVE #4 BARS AT 12" CTRS BY 18" BARS AT 12" CTRS. AS SHOWN IN THE DETAIL DRAWINGS.
- ALL EXPOSED EDGES AND CORNERS SHALL BE TOoled TO 1/4" RADIUS.
- RECOMMENDED PPS EDGES ARE FOR CONCRETE PIPE, 34" FOR THE 3'-0" WALL AND 36" FOR THE 3'-10" WALL.
- GRATE SET SHALL BE U.S. FOUNDRY WISE OR EQUAL. GRATING SHALL BE HOT DIP GALVANIZED AFTER FABRICATION AND SHALL BE SURFUSED WITH COARSE, CLEAN SAND AND 1/2" SALT.
- FOR SUPPLEMENTARY DETAILS SEE FLORIDA DOT INDEX 201 AND 201.
- FRAME AND GRATE SHALL BE CAPABLE OF VERTICAL ADJUSTMENT.

TABLE 1 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 2 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 3 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 4 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 5 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 6 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 7 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 8 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 9 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 10 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 11 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 12 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 13 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 14 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 15 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 16 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 17 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 18 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 19 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 20 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 21 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 22 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 23 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 24 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 25 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 26 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 27 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 28 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 29 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 30 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 31 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 32 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 33 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 34 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 35 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 36 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 37 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 38 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 39 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 40 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 41 - DIMENSIONAL DATA

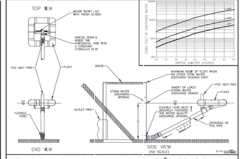
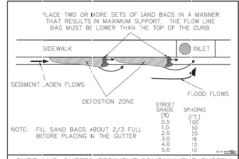
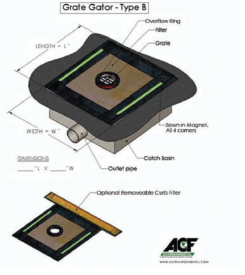
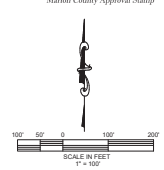
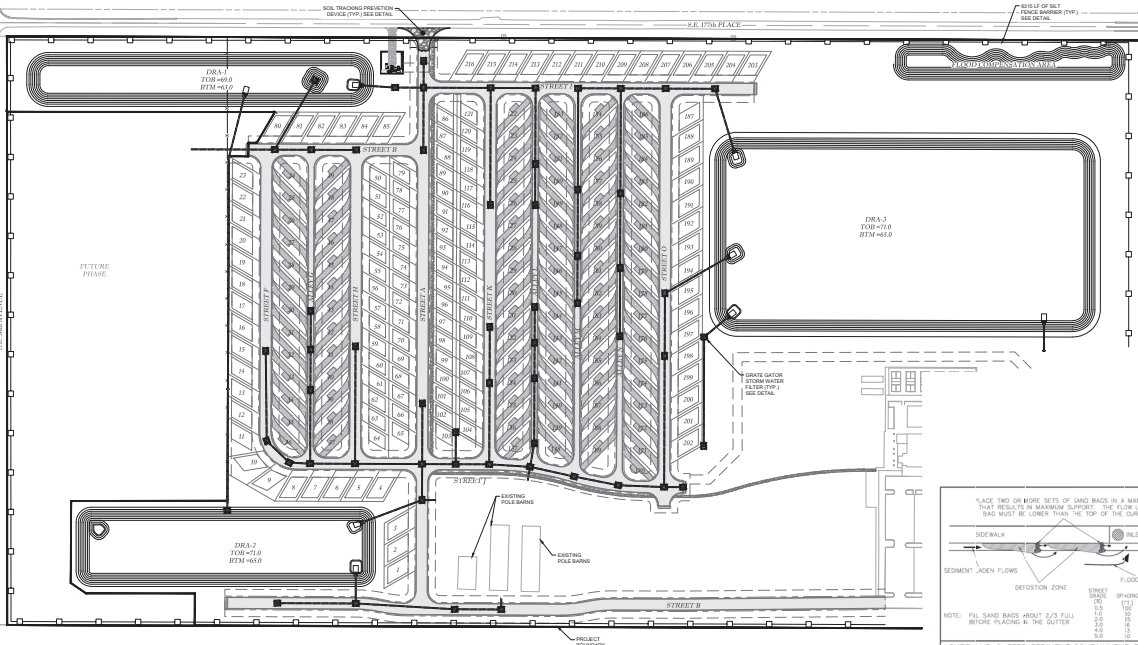
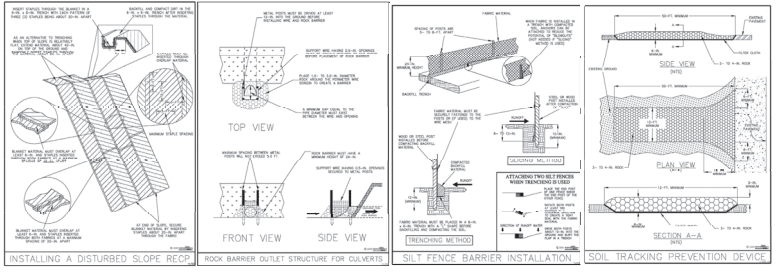
TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

TABLE 42 - DIMENSIONAL DATA

TYPE	WALL THICKNESS	SLAB THICKNESS	SLAB SPACING	SLAB SPACING	SLAB SPACING
A	4"	8"	12"	12"	12"
B	4"	8"	12"	12"	12"
C	4"	8"	12"	12"	12"
D	4"	8"	12"	12"	12"

GENERAL NOTES

- THE FOLLOWING LIST REPRESENTS A BASIC EROSION AND SEDIMENT CONTROL PROGRAM WHICH IS TO BE IMPLEMENTED TO HELP PREVENT OFF SITE SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROJECT.
- TEMPORARY EROSION CONTROL TO BE UTILIZED DURING CONSTRUCTION AT AREAS DESIGNATED BY THE ENGINEER OR AREAS ON SITES WHERE UNSTABILIZED SOILS MAY CAUSE EROSION PROBLEMS. EROSION CONTROL MAY BE REMOVED AT THE UPLOPER'S AREA HAS BEEN STABILIZED BY SOIL OR COMPACTED AS DETERMINED BY THE OWNER.
- PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICAL TIME, CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE BEST CONSTRUCTION ACTIVITIES SHOULD BE THE BACKFILL OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OR THE INITIAL WORK AREA TO PROTECT THE PROJECT, ADJACENT PROPERTIES AND WATER RESOURCES.
- TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMIC, EFFECTIVE AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPOSURE PERIODS OF PERMANENT MEASURES.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.
- NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE FOOT THE HEIGHT OF THE BARRIERS.
- WATER FROM SEDIMENT TRAPS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATERCOURSE BY RUNOFF OR HIGH WATER.
- ANY SEDIMENT DEPOSIT REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDS.
- ALL FENCES TO BE MADE FOR UNDER THE CONTRACT (NOT PRICE) FOR STAFFED SELF FEEDING.
- ALL FENCES TO BE PROTECTED BY DETAILS AS OUTLINED IN 3.03.3 EROSION SEDIMENT CONTROL MANUAL, LATEST EDITION.
- CONTRACTOR MUST MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING THE COURSE OF THE CONSTRUCTION WORK.
- CONTRACTOR MUST COORDINATE WITH ALL OF THE RESPONSIBLE AGENCIES PERTAINING TO EROSION AND SEDIMENT CONTROL WORK AND MAKE NECESSARY CHANGES BASED ON THE AGENCY'S GUIDANCE/DIRECTION AT AN ADDITIONAL COST TO THE OWNER.
- THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE, IN THE OPINION OF THE ENGINEER, THE MINIMUM THAT MAY BE REQUIRED. ACTUAL FIELD CONDITIONS MAY REQUIRE OTHER ADDITIONAL OR REDUCED EROSION CONTROL MEASURES TO BE IMPLEMENTED. THE CONTRACTOR IS DIRECTED TO FOLLOW STANDARD BEST MANAGEMENT PRACTICES IN IMPLEMENTING A SUCCESSFUL EROSION CONTROL PLAN.
- ALL DISTURBED AREAS TO BE SOCCOED OR SEEDDED AND MULCHED WITHIN 7 DAYS AFTER FINAL GRADING.



THOMAS & ASSOCIATES
INCORPORATED
CIVIL ENGINEERING - PLANNING - ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave, Room 100, Ocala, FL 34471
Phone: 352-237-4975
Fax: 352-237-4976
www.thomasandassociates.com

EROSION CONTROL PLAN

DATE: 2/12/2020
DRAWN BY: AS
CHECKED BY: PK
JOB NO: 22-8740

SHEET 16 OF 01

Plant List:

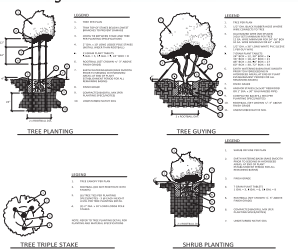
Quantity	Common Name	Scientific Name	Soil Moisture Range	Native	Spacing	Notes
TREES *						
86	Southern Live Oak	<i>Quercus virginiana</i>	L, M	Yes	as shown	3.6" cal. X 10'x4'
48	DD Blanchard Magnolia	<i>Magnolia grandiflora</i>	L, M	Yes	as shown	3.6" cal. X 10'x4'
60	Long Leaf Pine	<i>Pinus palustris</i>	L, M	Yes	as shown	3.6" cal. X 10'x4'
64	Florida Elm	<i>Ulmus americana var. floridana</i>	L, M	Yes	as shown	3.6" cal. X 10'x4'
48	Bald Cypress	<i>Taxodium distichum</i>	L, M	Yes	as shown	3.6" cal. X 10'x4'
24	Red Cedar	<i>Juniperus virginiana</i>	L, M	Yes	as shown	3.6" cal. X 10'x4'
24	Frappin Cedy	<i>Jlex vomitoria</i>	L, M	Yes	as shown	3.6" cal. X 10'x4'
12	Natchez Crape Myrtle	<i>Lagerstroemia speciosa</i>	L, M	No	as shown	6' minimum, 40' spread
SHRUBS						
89	Wax Myrtle	<i>Myrica cerifera</i>	L, M	Yes	3' oc	33, 18"
204	Simpson stopper, hiberny	<i>Myrsine fragrans</i>	L, M	Yes	3' oc	33, 18"
204	Valley's Viburnum	<i>Viburnum coccineum</i>	L, M	Yes	3' oc	33, 18"
SOD						
854	as required	argentine Bahia	Paspalum notatum	L	No	sod

Native Plant Percentage 842 native / 854 total = 99%
 *Shade trees in bold type are replacement/shade trees

INSTALLATION AND MAINTENANCE NOTES

- The work consists of the complete plant material installation as shown on the drawings and as herein specified. The work shall include, but not be limited to, the supplying of all plant material, including the handling of all equipment, supplies and materials called for, and in performing all operations in connection with the landscape specifications as shown on this plan. Further, the work shall include the maintenance of all plants and planting areas until phase acceptance by the owner, and fulfilling of all guarantee provisions as herein specified.
- Adjustments to plants beds as shown on plans may be necessary due to soil location, bearing, relationship to roadways, etc. Plant material may need to be added or subtracted in the field. The contractor shall be responsible for final plant count upon completion of the job. The final plant count will be subject to the owner's prior to final payment.
- The contractor shall fully equip and maintain with the related site grading, water supply, electrical supply, and other utilities to provide any misunderstanding and facilitate a trouble free installation.
- No substitution shall be made without written approval of the owner.
- In the event of a variation between the plant list and the number of plants shown on the plans, contact the Project Landscaping Architect immediately.
- Plant materials will be inspected at the job site by the owner. When inspected work does not comply with the specified requirements, the contractor shall replace rejected work and continue specified maintenance until the work is re-inspected and found acceptable and remove rejected plants and materials from the job site within 48 hours.
- All plant materials shall be installed in a neat and workmanlike manner. The owner or his landscape architect reserves the right to request the removal and replacement of any trees which, in his opinion, do not present an uniform and reasonably neat or workmanlike appearance, provided such trees can be installed in an orderly way by the usual methods of such work.
- All plant material shall be Florida No. 1 grade or better as defined in "Grades and Standards for Nursery Plants, Parts 1 & 2," as published by the Florida Department of Agriculture and Consumer Services, and shall conform to AHS standards for nursery plants (see 2001, 1-2002).
- All planting beds shall be mulched with 3" of pine bark nuggets, 100% organic, of the highest grade.
- All trees 8" or larger shall be staked or guyed. Staking materials and methods shall be submitted to the Owner for approval prior to installation.
- Planting soil shall consist of the existing soil amended if required.
- Fertilizer shall be quick release, water soluble and shall conform to the applicable state of Florida fertilizer laws. The contractor shall submit to the owner or landscape architect a fertilization certification.
- All plants shall be watered thoroughly when planted.
- Soil shall be well mixed with grass roots. The soil shall be taken up in rectangles preferably 12" by 24", a minimum of 2" in thickness, and shall be thoroughly free of weeds and other grasses and shall have a soil mat of grass. Fertilizer shall be applied evenly to the beds in accordance with all necessary handling. The soil shall be shaded and kept moist until it is planted. Damaged soil will be rejected. Replanting shall be done within 48 hours after time of watering or heat damage until planted.
- Soil testing schedule:
 - All trees areas shall be planted with a specific species by the Owner (limits determined by Owner).
 - Soil spots and requirements in grass shall be corrected before starting work.
 - Soil testing shall be done 14 days after planting. The soil test shall be true to field conditions and not from a pot of soil.
 - Plant soil with nitrogen plus iron plus bacteria, topped or rolled to an even surface.
 - Soil test control measures are mandatory in meeting rights of way, or any other areas subject to erosion.
 - Complies with 5.4-8.0 Section 4 of the rate of 5.0/1000 sq. ft.
- All shrub areas and areas to be sodded will be automatically irrigated. Verify areas to be irrigated with owner prior to commencing work.
- Contractor shall clean up and remove from the premises all surplus materials and rubbish.
- All shrubs and sod shall be guaranteed for one hundred eighty (180) days after final acceptance of the final phase by owner. All trees shall be guaranteed for one (1) year after final acceptance of the final phase.
- Protective burlap shall be placed around all transplanted trees to be sowed and shall remain in place until construction is complete. Burlap shall be a minimum of 30" from the edge of the tree. Burlap shall be constructed of wood and be a minimum of 1" in height.
- Final inspection will not take place until all materials have been planted/installed properly.
- Contractor will notified by letter of the final acceptance of each phase within ten (10) days after final phase inspection or ten (10) days after completion should that be necessary.
- Upon final notice of final acceptance of each phase, the owner will assume maintenance.
- If trees are damaged by hurricanes and other natural events, the contractor shall be responsible for the cost of replacement.
- Mulch to be placed a maximum of 1" thick over tree rootball.

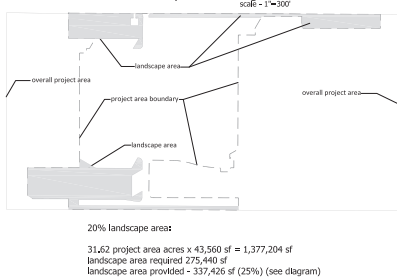
Planting Details:



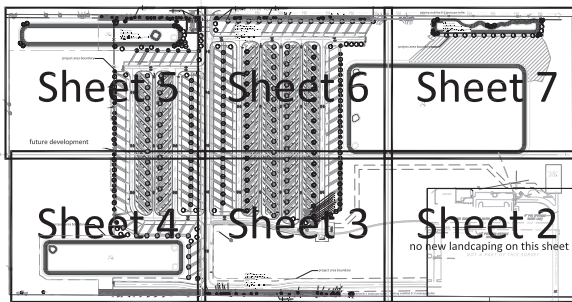
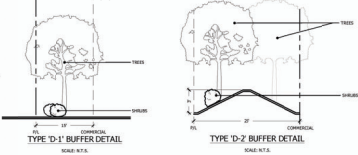
Landscape Calculations:

Shade tree requirements:
 31,62 project area acres x 43,560 sf = 1,377,367 sf / 1,000 = 659 shade trees required
 Provided by 345 planted 114 existing as follows:
 72 existing shade trees with canopy over 30' radius = 72 shade trees
 145 27 shade trees with over 30' radius canopy = 54 shade trees
 745 345 proposed shade trees in landscape planting

landscape area diagram:

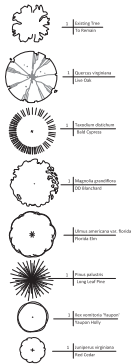


approved buffer sections:



L1 - LANDSCAPE PLANT LIST, NOTES, LEGENDS, MFLA CALCULATION
 L2 - L7 - PLANTING PLAN
 L8 - L9 - TREE PRESERVATION, REMOVAL, AND MITIGATION

Tree Legend:



Landscape Notes:

- All trees, plants, shrubs, and groundcovers shall be nursery grown and Florida No. 1 quality or better, as established by Grades and Standards for Nursery Plants, Department of Agriculture, State of Florida, including latest updates, as amended.
- Plant palette shall be appropriate for the development site and provide the highest level of diversity as practicable. Planting specifications are listed as follows:
 (1) Native plant requirements:
 - Within the US, a minimum of 25 percent of all proposed plant quantities, excluding turfgrass, shall be Florida native species suitable for use in Marion County.
 - Outside of the US, a minimum of 25 percent of all proposed plant quantities, excluding turfgrass, shall be Florida native species suitable for use in Marion County.
 - A minimum of 50 percent of the required shade trees shall be Florida native species suitable for use in Marion County.
 - To promote high biodiversity, no more than 50 percent of the required shade trees for a development shall be of one species.
 - The use of invasive plant species is based on the UF/IFAS Assessment of Invasive Plants (Central Zone) as updated.
 - Plant species listed as "Prohibited" are not permitted for use in any proposed development.
 - Plant species listed as "Invasive - Not Recommended" are not permitted for use in any development outside of the US. The group of plants may be used within the US with subject to approval by the County Landscape Architect.
 - Plant species listed as "Caution" may be used provided specific management strategies and monitoring are included in the project BMP manual.
- Shade trees shall have a minimum caliper of 2.5 inches.
- Recent or unseasoned (secondary) trees shall have a minimum overall height of 46 feet and a minimum spread of 40 inches upon installation.
- Palms:
 - Not more than 25 percent of all required trees shall be palm trees. A higher percentage is authorized as stated in Section 6.2.9.
 - Additional palms may be provided in excess of the 25 percent threshold when three palms are used to substitute one required tree. Where specimen palms are specified, substitution may be a one-to-one ratio.
 - Palms shall not be substituted for required shade trees.
 - Palms shall have a clear trunk height of 30 feet minimum.
- Shrub shall be a minimum height of 18 inches (except appropriate for the species and the required covering and maintenance height).
- Groundcovers shall be those species of plants with a mature growing height of 24 inches maximum and spread up to 2' - 3' in center.
- Living groundcovers shall have a minimum of three species per plant. They may be spaced according to the proposed use.
- Turfgrass may be of any variety, which is adapted and suitable for use in Marion County. The use of sod turf is prohibited on property with public access unless the supportive netting is removed and the depth of the turf is increased during installation.
- Multiple types shall be of a renewable resource or a recycled product. The use of copres mix is discouraged.

Sec. 6.11.1 - Landscape Installation:

- Any person providing landscape installation services for this shall meet the bonding and certification requirements under Section 6.11.5.
- All plantings shall be installed according to current best management practices.
- Trees and palms shall be properly planted and staked or stake-guard during shall be properly watered during installation and through the establishment period for healthy growth as recommended by UF/IFAS. Installation shall occur in a hot and probably, and replacement if necessary, of all materials. Good and/or plant material shall be replaced by the owner within 30 days of notification by the County.
- Multiple types shall be of a renewable resource or a recycled product. The use of copres mix is discouraged.

Landscape Completion Inspection Requirements:

Upon completion of the installation, the contractor shall request an inspection by the design professional. A Landscape and Irrigation Audit/ Certification shall be signed and sealed by the design professional and submitted to the County Landscape Architect for the issuance of a Certificate of Occupancy.

MARION FRIENDLY LANDSCAPE AREA (MFLA)

The goal of a Marion Friendly Landscape Area (MFLA) is to provide a landscape that is both beautiful and functional. MFLA areas are designed to be low-maintenance, drought-tolerant, and provide habitat for native plants and animals.

OUTSIDE PERMANENT PROTECTION ZONE (OP) 10% OF PROJECT AREA SHALL BE A MARION FRIENDLY LANDSCAPE AREA

- PROTECT ALL WET AREAS (WETLANDS)
- PROTECT ALL BIODIVERSITY
- PROTECT ALL FACILITIES



L.R. HUFFSTETTLER, INC.
 Landscape Architecture & Planning
 8500 Lake Nona Blvd. Suite 100
 Lake Nona, FL 32153
 (321) 516-5255

L.R. Huffstetler III - B.S., P.L.C. 0000414

L.R. HUFFSTETTLER
 Landscape Architecture & Planning
 8500 Lake Nona Blvd. Suite 100
 Lake Nona, FL 32153
 (321) 516-5255

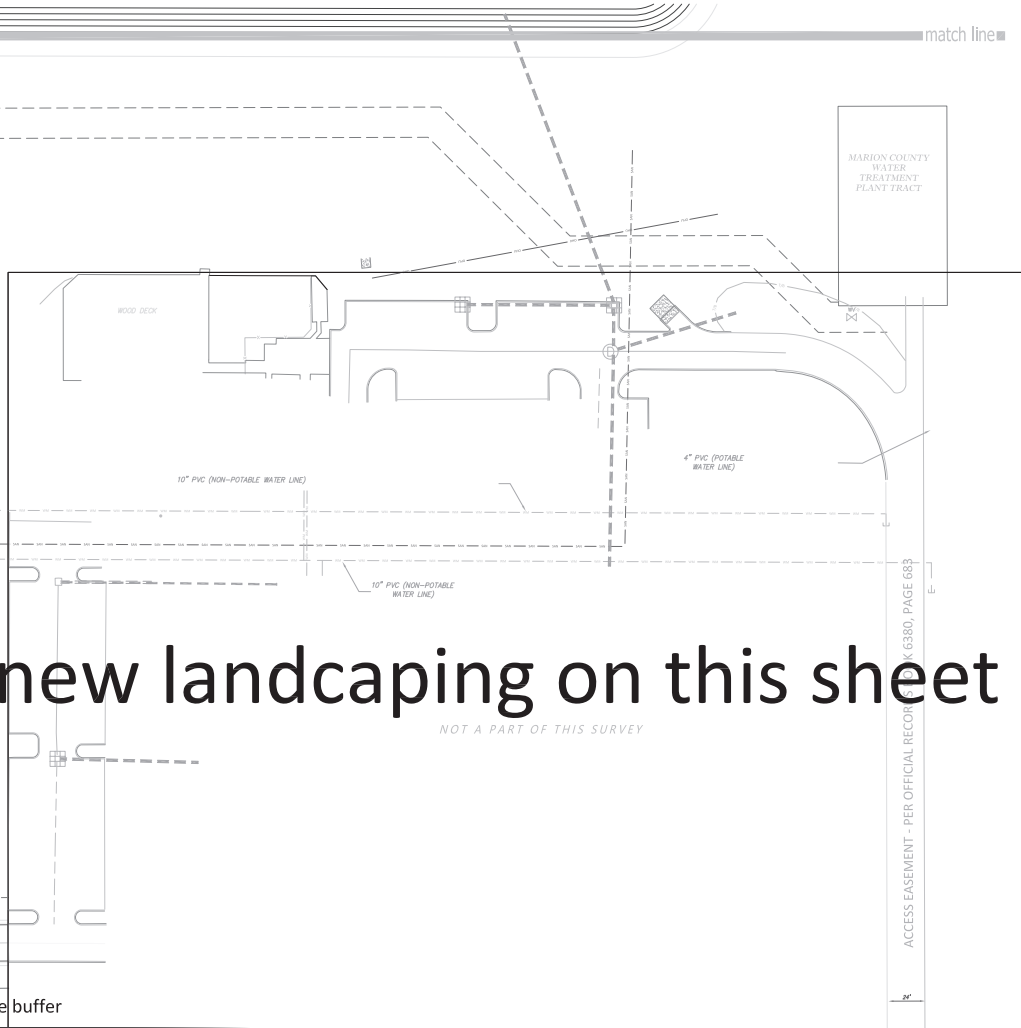
Landscape and Irrigation Plan

Track and Card RV Park Marion County, Florida



no new landscaping on this sheet

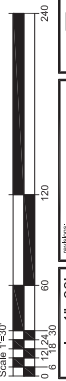
NOT A PART OF THIS SURVEY



no landscape t

er existing modified D-1 landscape buffer

L.R. HUFFSTETLER, INC.
 Landscape Architecture & Planning
 2855 Lake Villa Drive
 Ocala, Florida 34474
 (352) 534-2524

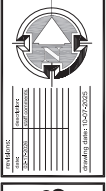
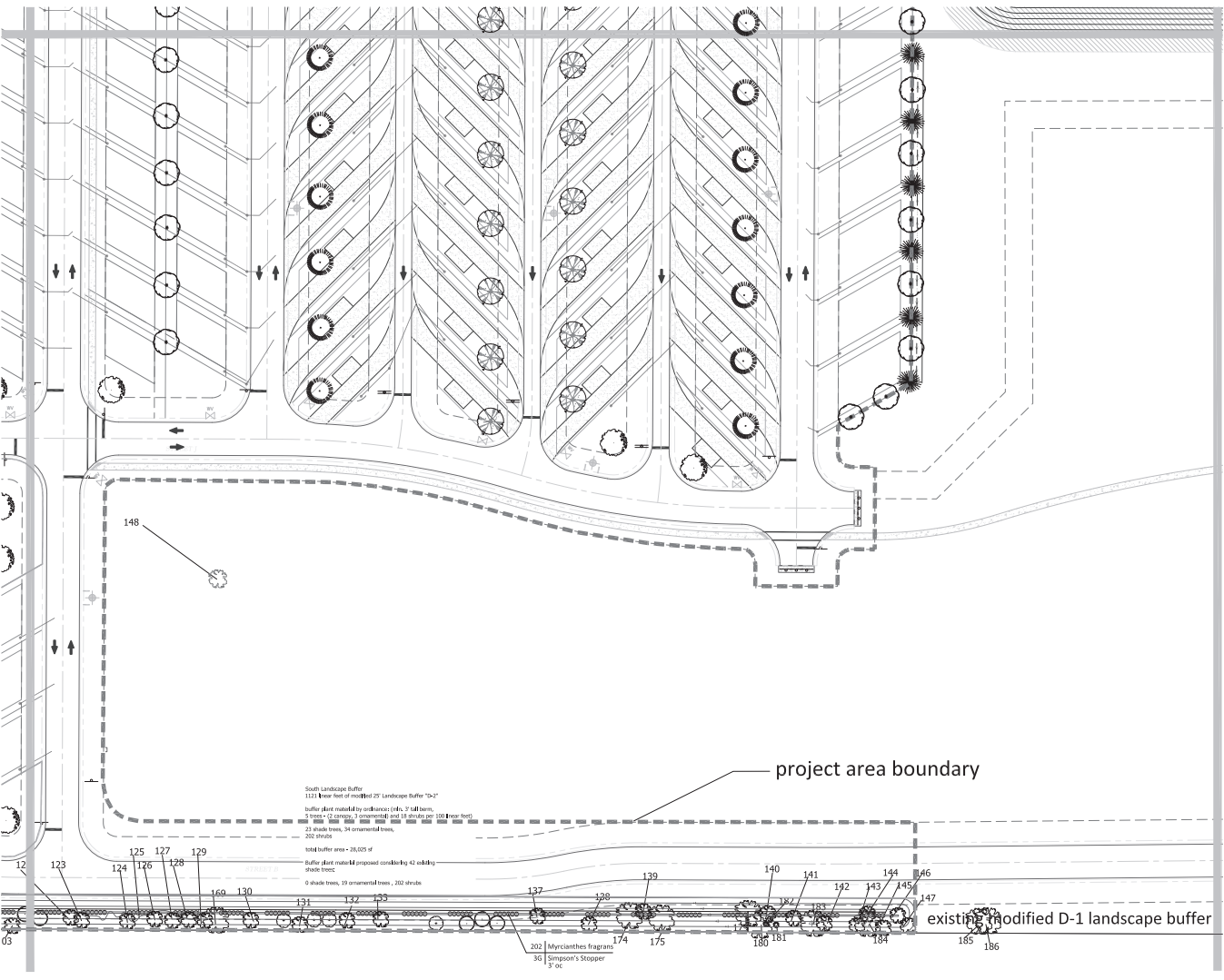


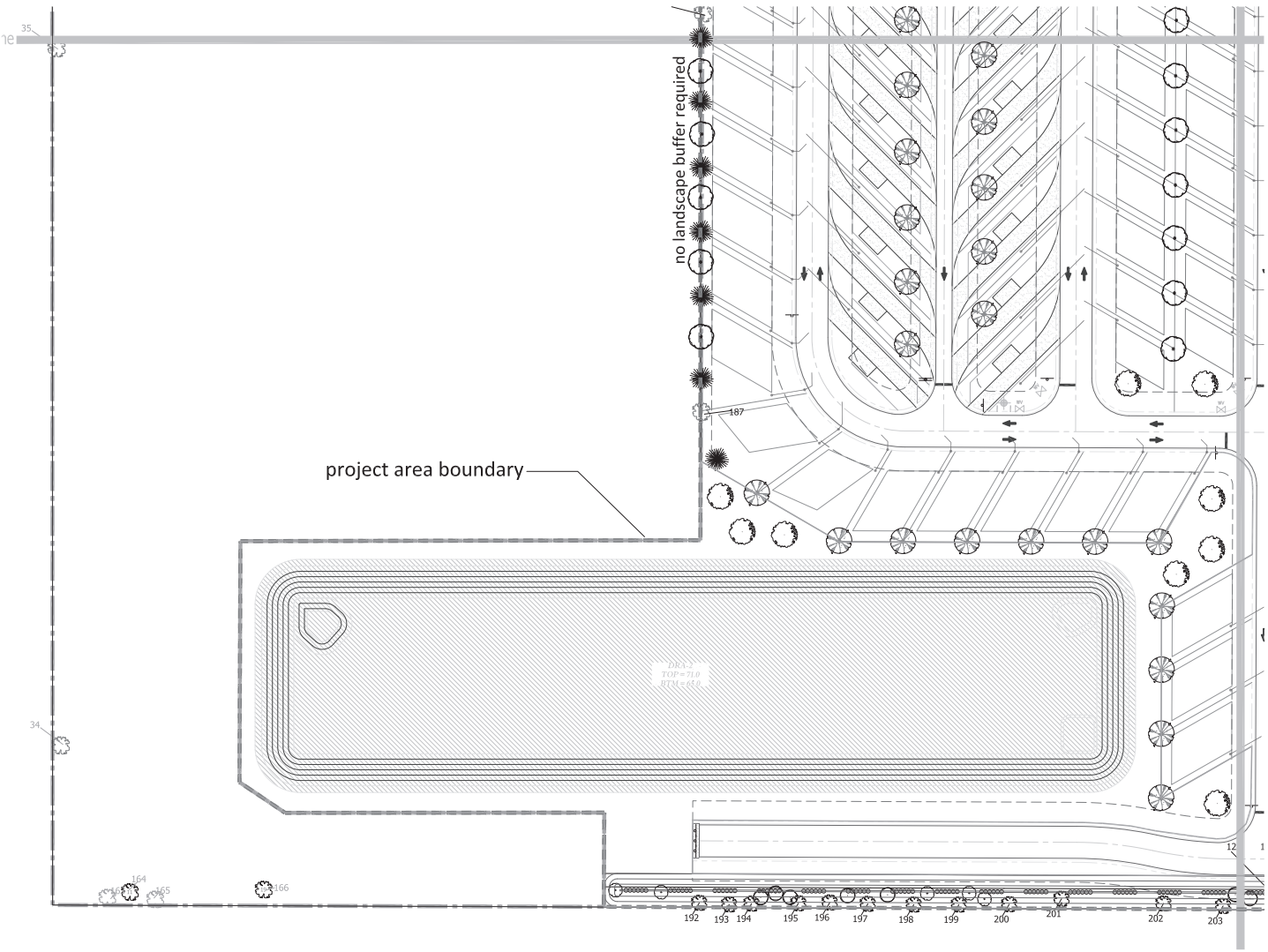
scale: 1"=30'
 30" x 42" sheet
 sheet: L2
 of: 9

Track and Card
 RV Park
 Marion County, Florida

Landscape and
 Irrigation Plan







project area boundary

no landscape buffer required

DRG 2
TOP = 30
BTM = 65.0

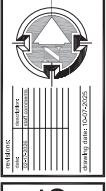
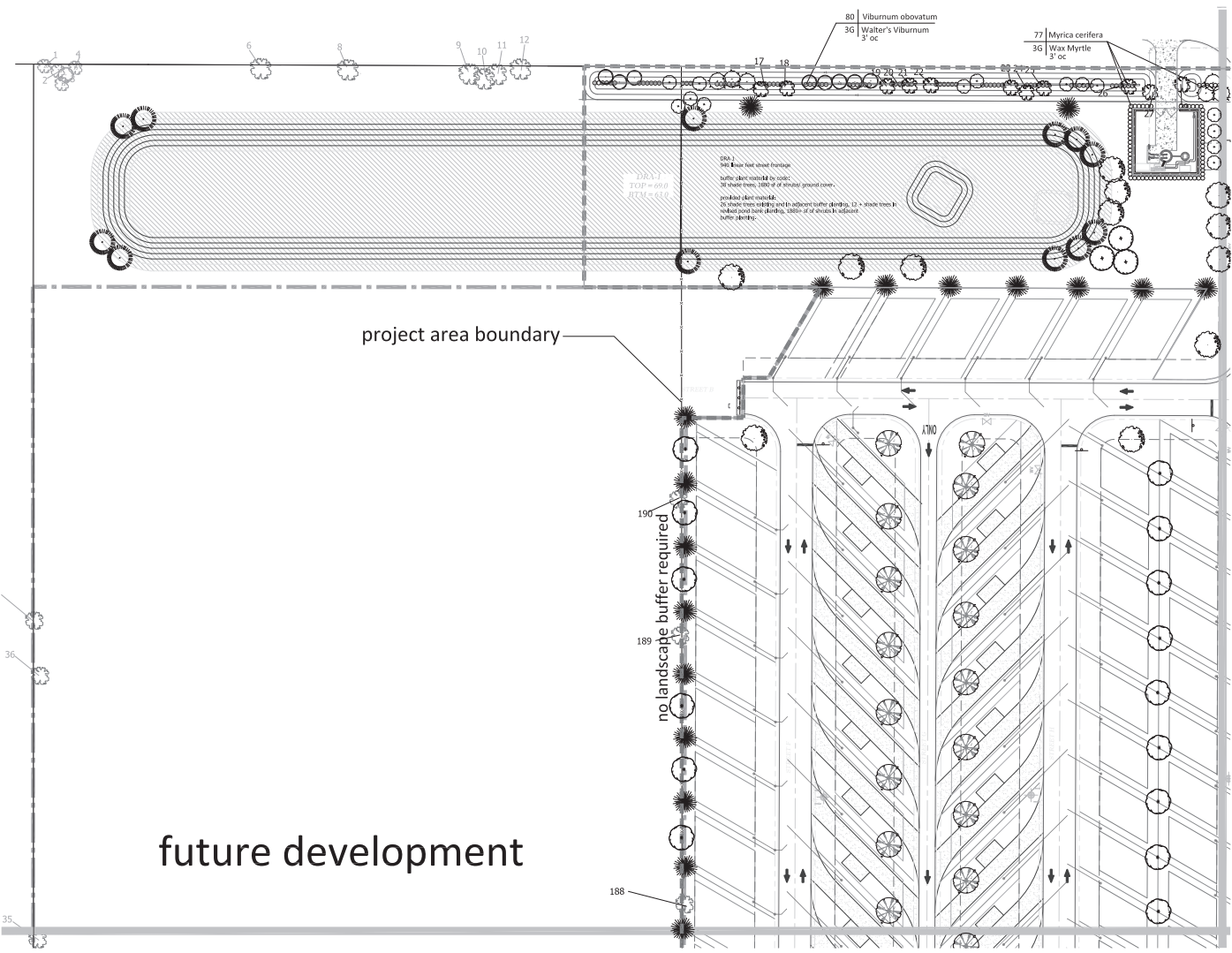


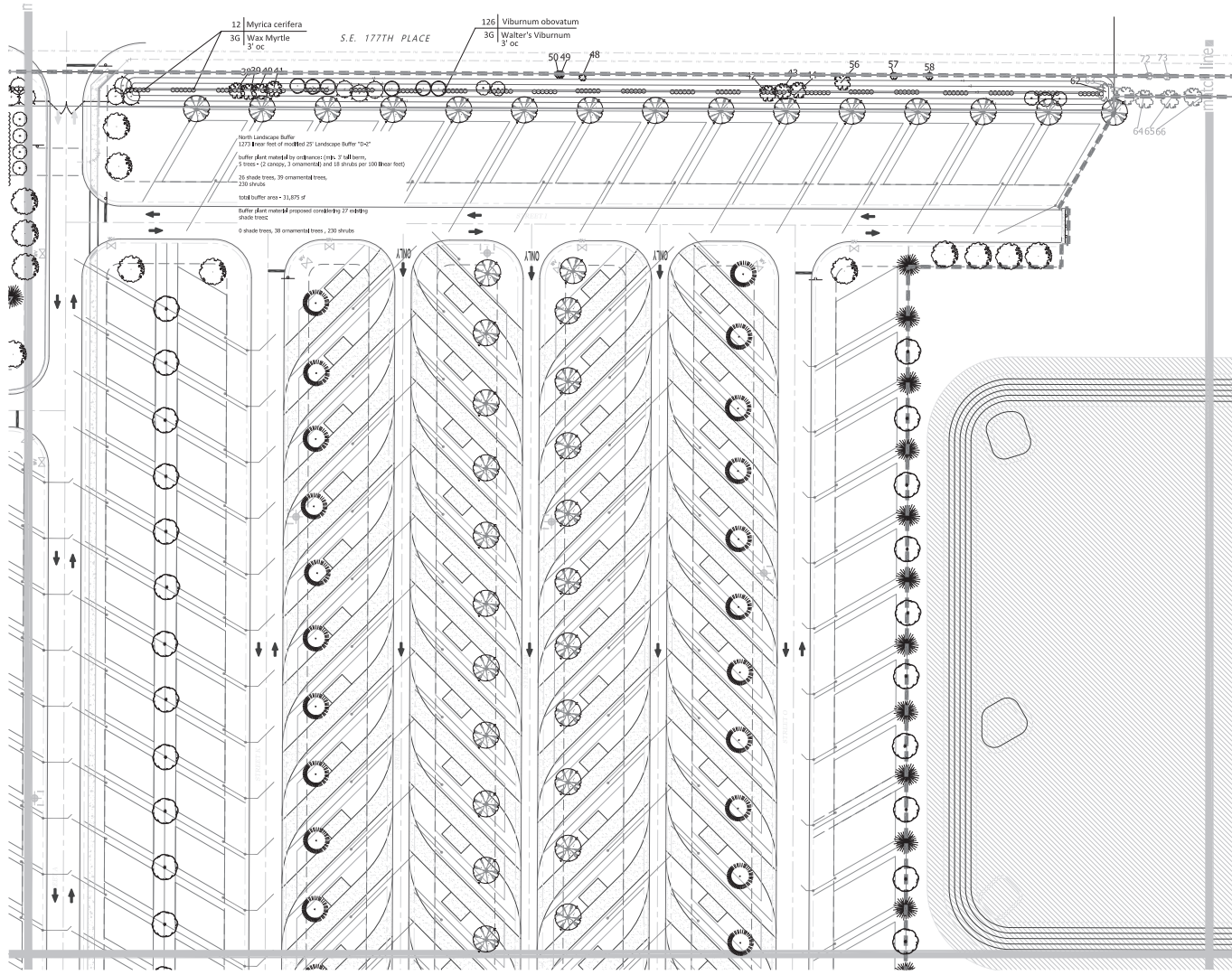
Landscape and Irrigation Plan

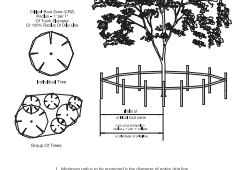
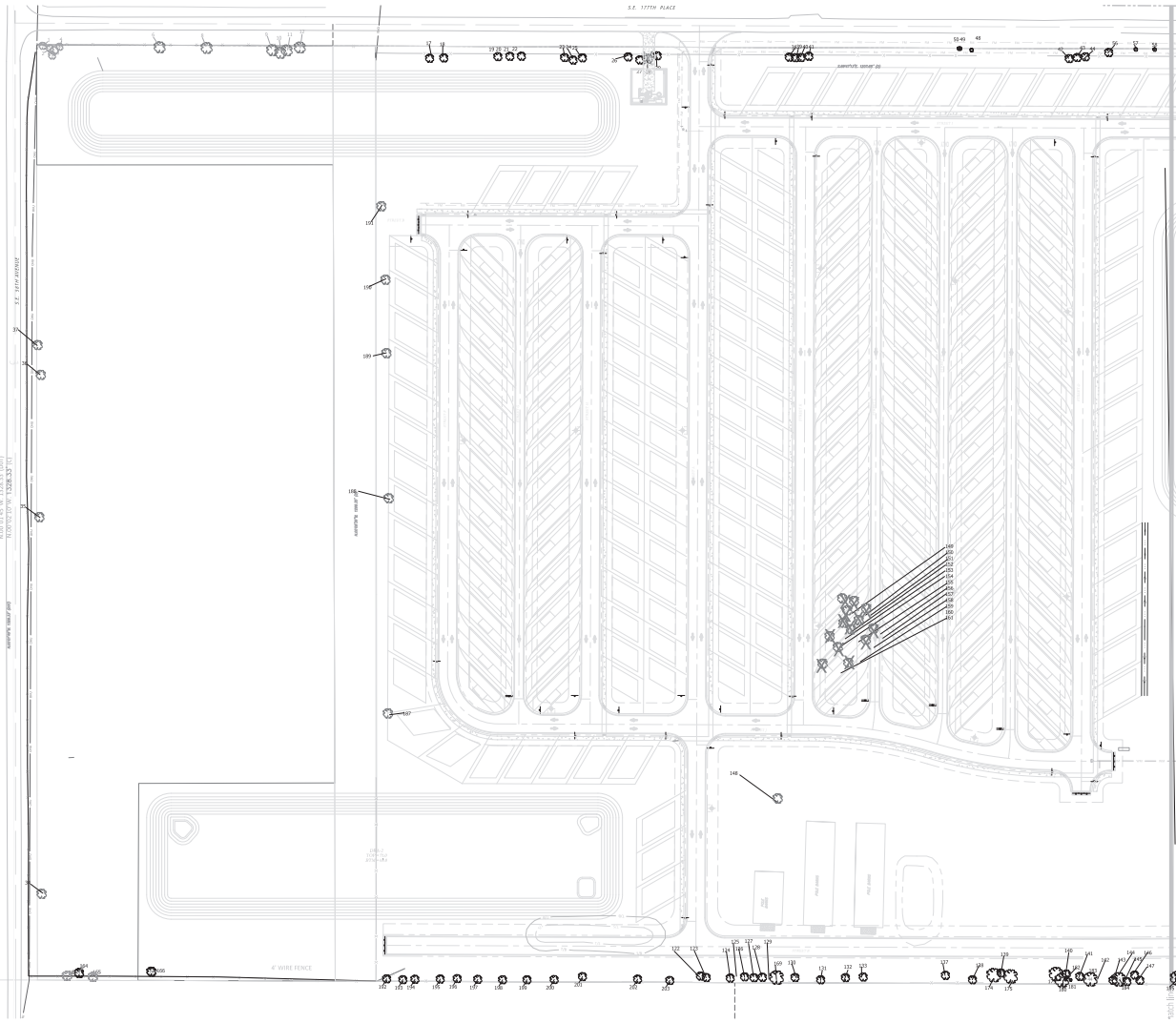
Track and Card RV Park Marion County, Florida



Scale: 1" = 30'
 scale: 1" = 30'
 sheet: L4
 of: 9





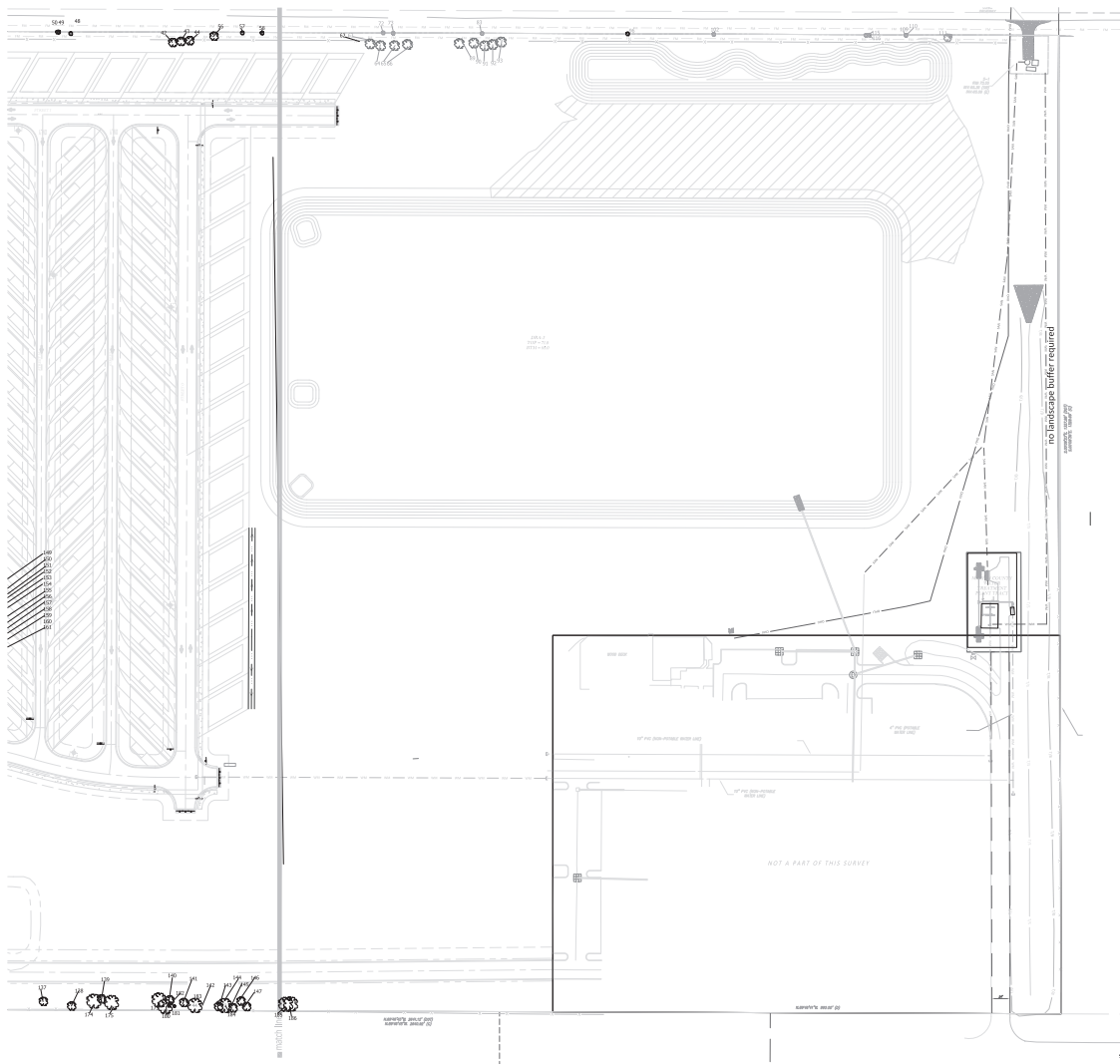


1. All trees to be protected by the installation of a tree protection barrier.
2. Barrier to be installed at a minimum of 2' from the trunk of the tree.
3. Barrier to be installed at a maximum of 12' from the trunk of the tree.
4. Barrier to be installed at a minimum of 12' from the trunk of the tree.
5. Barrier to be installed at a maximum of 12' from the trunk of the tree.
6. Barrier to be installed at a minimum of 12' from the trunk of the tree.
7. Barrier to be installed at a maximum of 12' from the trunk of the tree.

Tree Protection Barrier Detail
not to scale

- Map Legend:
- tree to be removed
 - tree to remain

- Matrix Legend:
- tree to be removed
 - tree to remain



Tree Preservation and Removal Matrix:

ID	Tree	Species	DBH	Height	Health	Location	Notes
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200

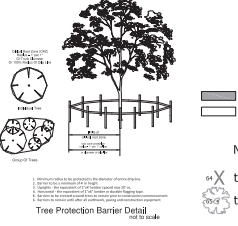
Table Summary: Average DBH: 14.00", Average Height: 21.00', Average Health: 100%

Matrix Legend:

- tree to be removed
- tree to remain

Map Legend:

- tree to be removed
- tree to remain



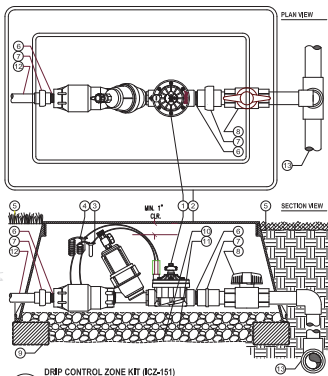
Tree Survey, Removal and Mitigation Plan

Track and Card RV Park

Marion County, Florida



Scale: 1/4" = 1'-0"
 Sheet: L9 of 9



A DRIP CONTROL ZONE KIT (ICZ-151) WITH ISOLATION VALVE

LEGEND:

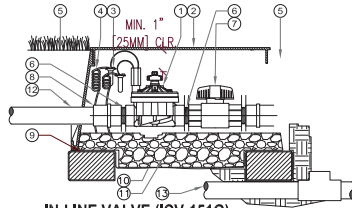
- 1 ECO INDICATOR - ECOID
- 2 LATERAL PIPE PER PLAN
- 3 FPT CONNECTION FROM LATERAL
- 4 SPIRAL BARB ELBOW - HSBE-XXX
- 5 FLEX₆ TUBING - FLEXSG
- 6 FINISHED GRADE IN TURF
- 7 ADJACENT MULCH
- 8 FINISHED GRADE IN PLANTER BED
- 9 MARLEX STREET ELBOW

D ECO INDICATOR WITH FLEX TUBING

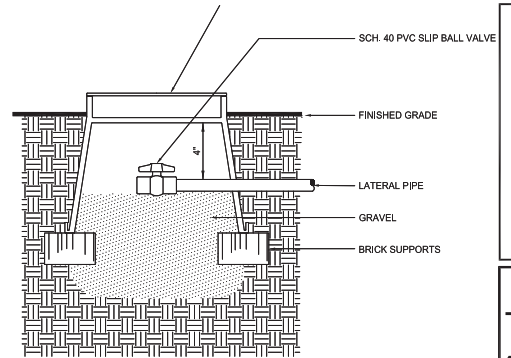


LEGEND

- 1 HUNTER REMOTE CONTROL VALVE (RCV) WITH FLOW CONTROL
- 2 IRRIGATION VALVE BOX: HEAT STAMP LID WITH "RCV" IN 2" LETTERS
- 3 WATERPROOF CONNECTORS (2)
- 4 1/8" O.D. COILED WIRE TO CONTROLLER
- 5 FINISH GRADE AT ADJACENT SURFACE (TURF OR MULCH)
- 6 SCH. 80 CLOSE NIPPLE, SIZE PER RCV ISOLATION VALVE, SIZE AND TYPE
- 7 PER PLAN
- 8 PVC SLIP X FPT ADAPTOR
- 9 BRICK SUPPORTS (4)
- 10 FILTER FABRIC - WRAP TWICE AROUND BRICK SUPPORTS
- 11 3/4" WASHED GRAVEL - 4" MIN. DEPTH
- 12 IRRIGATION LATERAL
- 13 MAINLINE AND FITTINGS

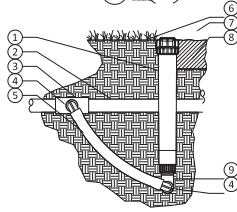


B IN-LINE VALVE (ICV-151G) WITH ISOLATION VALVE

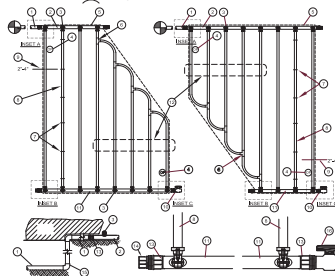


C Drip Flush Assembly

N.T.S.



NOT TO SCALE



E HUNTER DRILINE

- 1 PVC SLIP X FPT CONNECTION CONTROL ZONE KIT (ICZ) PER DRAWING
- 2 1/8" O.D. COILED WIRE TO CONTROLLER
- 3 INSTALLED BARB FITTING
- 4 OPERATOR INDICATOR
- 5 DIAMETER OF ANGLE
- 6 BARB X BALL SOCKET TYPE
- 7 BRICKWORK STAKES
- 8 SURFACE GRAVEL OR BRICKS
- 9 FILTER FABRIC (2) TO BE INSTALLED 1/2" FROM PERIMETER OF ANGLE
- 10 GRANULOMETER
- 11 TOTAL LENGTH OF SELECTED DRIPLINE SHOULD EXCEED LENGTH SHOWN IN TABLE
- 12 TYPING
- 13 CAP
- 14 PVC SOIL WELL COVERING
- 15 PVC SOIL WELL VALVE

Drip Line Medium	Lateral Length (Feet)	1/2" O.D. Coiled Wire to Controller	1/8" O.D. Coiled Wire to Controller
1/2" O.D. Coiled Wire to Controller	100	100	100
1/2" O.D. Coiled Wire to Controller	200	200	200
1/2" O.D. Coiled Wire to Controller	300	300	300
1/2" O.D. Coiled Wire to Controller	400	400	400
1/2" O.D. Coiled Wire to Controller	500	500	500
1/2" O.D. Coiled Wire to Controller	600	600	600
1/2" O.D. Coiled Wire to Controller	700	700	700
1/2" O.D. Coiled Wire to Controller	800	800	800
1/2" O.D. Coiled Wire to Controller	900	900	900
1/2" O.D. Coiled Wire to Controller	1000	1000	1000

Sunshine State One Call
of Florida, Inc.
CALL 811 BEFORE YOU DIG

L.R. HUFFSTETLER, INC.
Landscape Architecture & Planning
2850 Lake Nona Blvd., Suite 100
Lake Nona, FL 32157
(407) 534-6267

Scale: 1"=30'
1"=24'
1"=18'
1"=12'
1"=6'

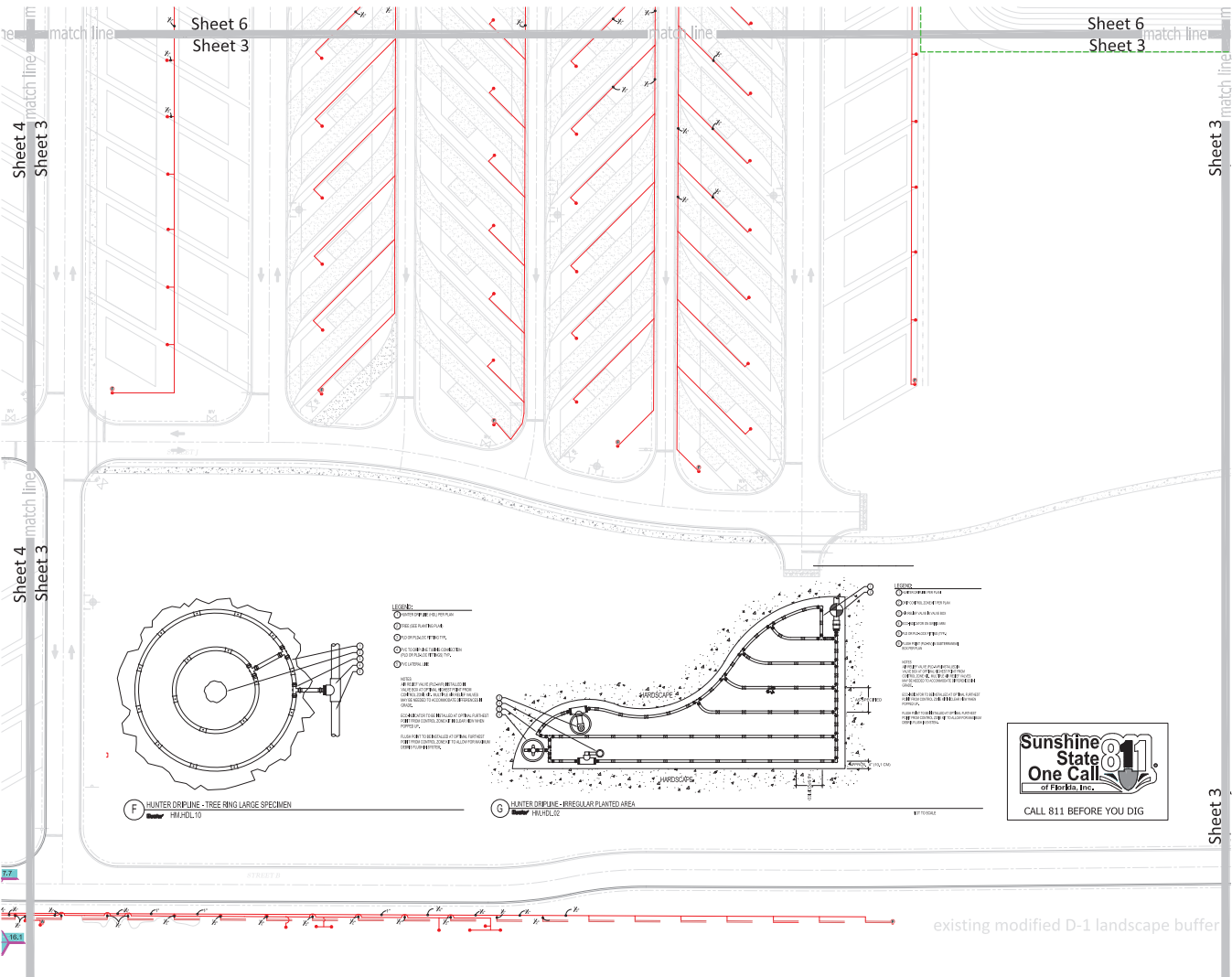
Scale: 1"=30'
1"=24'
1"=18'
1"=12'
1"=6'

sheet: 1-2
of: 7

HUFFSTETLER
Landscape Architecture & Planning
2850 Lake Nona Blvd., Suite 100
Lake Nona, FL 32157
(407) 534-6267

Landscape and Irrigation Plan

Track and Card RV Park
Marion County, Florida



Sheet 4
Sheet 3

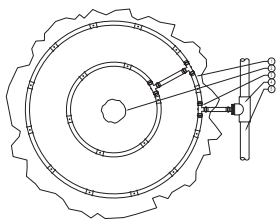
Sheet 6
Sheet 3

Sheet 6
Sheet 3

Sheet 3

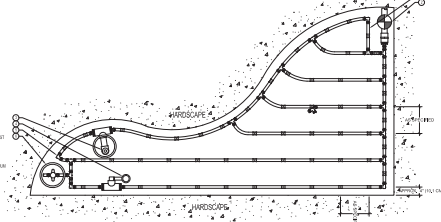
Sheet 4
Sheet 3

Sheet 3



F HUNTER DRIP LINE - TREE RING LARGE SPECIMEN
HUNTER DRIP LINE

- LEGEND:**
- 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
- NOTES:**
1. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 2. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 3. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 4. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 5. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 6. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.

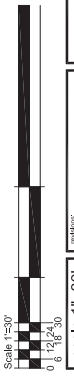


G HUNTER DRIP LINE - IRREGULAR PLANTED AREA
HUNTER DRIP LINE

- LEGEND:**
- 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
 - 1/2" POLYETHYLENE GLYCOL (PE) TUBING
- NOTES:**
1. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 2. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 3. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 4. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 5. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.
 6. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION TOOLBOX AND THE IRRIGATION TOOLBOX FOR THE IRRIGATION TOOLBOX.

Sunshine State One Call
of Florida, Inc.
CALL 811 BEFORE YOU DIG

L.R. HUFFSTETLER, INC.
Landscape Architecture & Planning
10000 Lake Nona Blvd., Suite 100
Orlando, Florida 32826
(407) 516-6254



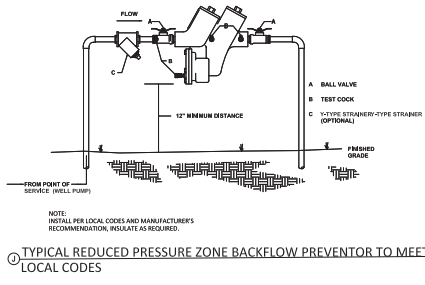
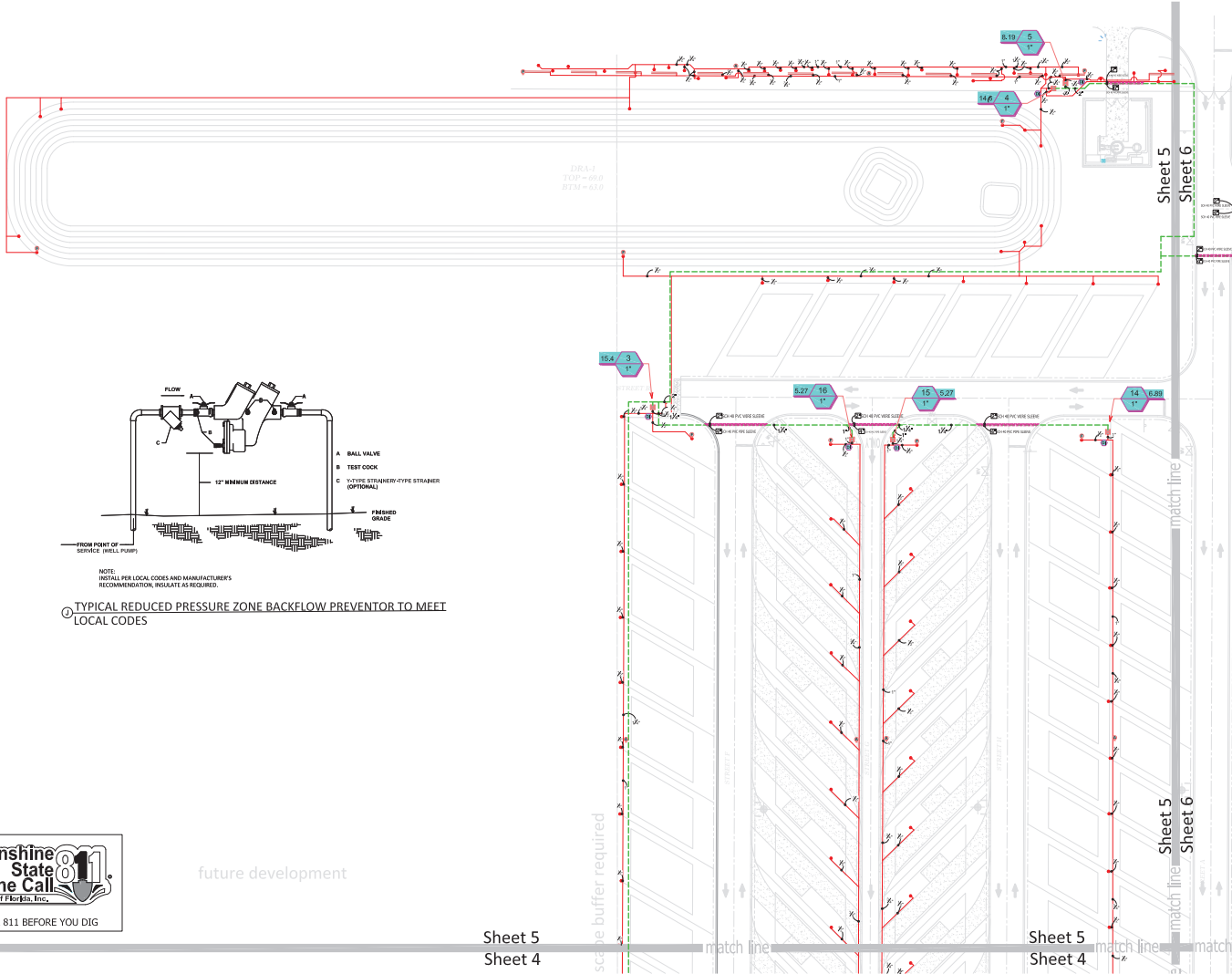
Scale: 1"=30'
0 6 12 24 30
Scale: 1"=30'
0 6 12 24 30
sheet 1-3
of 7



Track and Card
RV Park
Marion County, Florida

Landscape and Irrigation Plan

HUFFSTETLER
Landscape Architecture & Planning
10000 Lake Nona Blvd., Suite 100
Orlando, Florida 32826
(407) 516-6254



future development

Sheet 5
Sheet 4

Sheet 5
Sheet 4

L.R. HUFFSTETLER, INC.
Landscape Architecture & Planning
10215 73rd Avenue, #1203
Miami, Florida 33156
(305) 735-0267

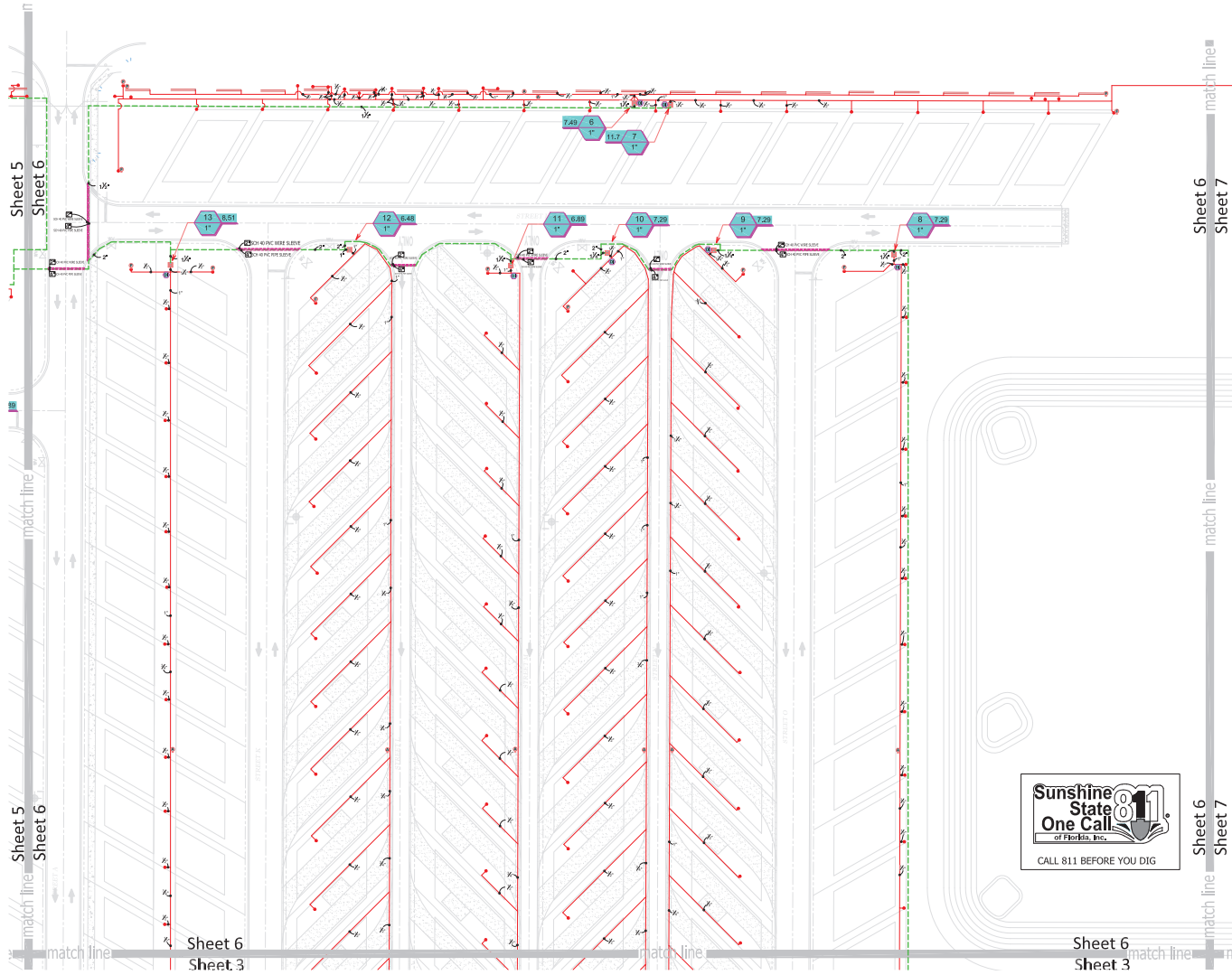
HUFFSTETLER
Landscape Architecture & Planning
10215 73rd Avenue, #1203
Miami, Florida 33156
(305) 735-0267

Landscape and
Irrigation
Plan

Track and Card
RV Park
Manion County, Florida

Scale: 1"=30'
1" = 30'
1/4" = 30'
1/8" = 30'

sheet 1-5
of 7



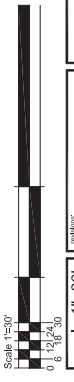
Sheet 6
Sheet 3

Sheet 6
Sheet 3

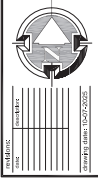
Sheet 6
Sheet 7



L.R. HUFFSTETLER, INC.
Landscape Architecture & Planning
10000 Highway 19, Suite 200
Orlando, Florida 32835
(407) 516-6254



Scale: 1"=30'
sheet 1-6
of: 7



Track and Card
RV Park
Marion County, Florida

Landscape and
Irrigation Plan



