June 28, 2024

PROJECT NAME: FREEDOM COMMONS PHASE 2 AMENITY

PROJECT NUMBER: 2023100062

APPLICATION: MAJOR SITE PLAN #30753

1 DEPARTMENT: ENGDRN - STORMWATER REVIEW REVIEW ITEM: 6.13.10.B - Copy of NPDES Permit or NOI

STATUS OF REVIEW: INFO

REMARKS: Please provide a copy of the NPDES permit or NOI prior to construction.

2 DEPARTMENT: ENGDRN - STORMWATER REVIEW REVIEW ITEM: Copy of District Permit (County Interest)

STATUS OF REVIEW: INFO

REMARKS: Please provide a copy of the District permit prior to construction.

3 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: Additional Stormwater comments

STATUS OF REVIEW: INFO

REMARKS: 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.

4 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW

REVIEW ITEM: 2.12.4.K - List of approved waivers, their conditions, and the date of approval

STATUS OF REVIEW: INFO

REMARKS: 1/4/2024 - add waivers if requested in future -sk

5 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW

REVIEW ITEM: 2.21.2.A - Multi-phase Major Site Plans may include a separate sheet showing independent, stand alone phasing and shall not be subject to a separate Master Plan application

STATUS OF REVIEW: INFO

REMARKS: 1/4/2024 - no phasing shown -sk

6 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW

REVIEW ITEM: Additional Development Review Comments

STATUS OF REVIEW: INFO

REMARKS: After approval, plans will be electronically stamped by the County. The applicant will receive an email indicating that approved plans are available for download and are located in the ePlans project Approved folder. For Development Review submittals, with the exception of Final Plats and Minor Site Plans, applicants are required to print, obtain required signatures, and sign and seal two 24"x 36" sets of the electronically stamped approved plan and deliver them to the Office of County Engineer, Development Review Section, located at 412 SE 25th Avenue Ocala, FL 34471. Upon receipt, a development order will be issued. Until such time as that development order is issued, the project does not have final approval and construction, if applicable, shall not commence. For plans requiring As-Builts, As-Builts and associated documentation shall be submitted on paper in accordance with current county requirements.

7 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH

REVIEW ITEM: Additional Health comments

STATUS OF REVIEW: INFO

REMARKS: Public pool construction permit will need to be approved by the Department of Health in

Marion County

8 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW

REVIEW ITEM: 2.12.4.L(5)/5.2 - [Applicable ESOZ/FPOZ Status Listed?]

STATUS OF REVIEW: INFO

REMARKS: Parcel is not located in an environmentally sensitive overlay zone.

9 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW

REVIEW ITEM: 2.12.16/6.5 - [EALS or EALS-ER provided?]

STATUS OF REVIEW: INFO

REMARKS: Note per approved waiver: APPROVED subject to receiving a letter from the biologist that

prior to mass grading taking effect all environmental concerns were mitigated.

10 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW

REVIEW ITEM: 2.12.9/6.12.2.B - Comp Plan Future Thoroughfares R/W Provided (TE Map)?

STATUS OF REVIEW: INFO

REMARKS: This review is for an amenity site located internal to a subdivision.

11 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW

REVIEW ITEM: 2.12.5/1.8.2.A - Concurrency/Traffic - Study/Capacity Available?

STATUS OF REVIEW: INFO

REMARKS: This review is for an amenity site located internal to a subdivision.

12 DEPARTMENT: ENRAA - ACQ AGENT ENG ROW

REVIEW ITEM: Major Site Plan STATUS OF REVIEW: INFO

REMARKS: Sec. 2.18.1.I - Show connections to other phases.

Sec.2.19.2.H – Legal Documents

Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc.

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."

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."

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]." 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." 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."

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]."



# Marion County Board of County Commissioners

AR #30753

Office of the County Engineer

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

## DEVELOPMENT REVIEW PLAN APPLICATION

Date: 10/17/2023			
A. PROJECT INFORMATION:			
Project Name: Freedom Commons Phase 2 Am	enity		
Parcel Number(s): 35623-000-00	•		
Section 15 Township 16 Range 21 East	S Land Use MED Zo	oning Classifica	ntion PUD
Commercial Residential Industrial	Institutional 🔲 Mixed Use	Other	
Type of Plan: MAJOR SITE PLAN			
Property Acreage 5.76 Number	er of Lots	Miles of Ro	oads
Location of Property with Crossroads SW 82N	ND PL RD & SW 49TH AVE F	RD	
Additional information regarding this submit	tal:		
B. CONTACT INFORMATION ( <u>Check</u> the to receive correspondence during this plan review.)	appropriate box indicating the	point for contact	for this project. Add <u>all</u> email
<b>✓</b> Engineer:			
Firm Name: Tillman & Associates Engineering, I	LC Contact Nam	e: Timothy C. Bro	ooker
Mailing Address: 1720 SE 16TH AVE, BLDG 10	00 City: OCALA	State: FL	Zip Code: 34471
	_Alternate Phone #		
Email(s) for contact via ePlans: permits@tillma	aneng.com		
Surveyor:			
Firm Name: JCH Consulting Group, Inc.	Contact Nam	e: Christopher H	owson
Mailing Address: 426 SW 15TH ST Phone # 352-405-1482 Email(s) for contact via ePlans: chris@jchcg.cc	City: OCALA	State: FL	Zip Code: 34471
Phone # 352-405-1482	Alternate Phone #		
Email(s) for contact via ePlans: <a href="mailto:chris@jchcg.cu">chris@jchcg.cu</a>	om		
<b>Property Owner:</b>			
Owner: Freedom Commons Development, LLC			
Mailing Address: 1415 SW 17th Street	City: Ocala	State: FL	Zip Code: <u>34471</u>
Phone # <u>352-624-0120</u>	Alternate Phone #		
Phone # 352-624-0120 Email address: chris@armstronghomes.net			
Davalanari			
Developer:	Contact Nam	·	
Developer: same as above	Contact Nam City:	e: State:	Zip Code:
Mailing Address:	Uity	State	Zip Code

Revised 6/2021

Email address:

CLEAR FORM

Phone #\_\_\_\_\_Alternate Phone #\_\_\_\_

## UTILITY COMPANIES:

REQUESTED WAIVERS:

PERMITS:

2.12.8 - CURRENT BOUNDARY AND TOPOGRAPHIC SURVEY - WAIVER TO USE CURRENT SURVEY, AS MASS GRADING AND PHASE 2 IMPROVEMENT PLANS HAVE BEEN APPROVED AND CONSTRUCTION IS ACTIVE ON SITE. (APPROVED 02/13/2024) 212.16 - ENVIRONMENTAL ASSESSMENT - WAIVER TO USE PREVIOUSLY ACCEPTED ENVIRONMENTAL ASSESSMENT, AS MASS GRADING AND PHASE 2 IMPROVEMENT PLANS HAVE BEEN APPROVED AND CONSTRUCTION IS ACTIVE ON SITE (APPROVED 2013/2024)

ALL UTILITIES UNDER EXISTING OR PROPOSED PAVEMENT SHALL BE SLEEVED IN ACCORDANCE WITH SECTION B.26A OF THE MARION COUNTY LAND DEVELOPMENT CODE

THIS PROPOSED PROJECT HAS NOT BEEN GRANTED CONCURRENCY APPROVAL AND/OR GRANTED AND/OR RESERVED ANY PUBLIC FACILITY CAPACITIES. WITHER BIGHTS TO DEVELOP THE PROPERTY ARE SUBJECT TO A DEFERRED CONCURRENCY DETERMINATION, AND FRALL APPROVAL TO PROPERTY THE PROPERTY OF THE P

NO CHANGE TO THE WORK AS SHOWN ON THE APPROVED PLANS SHALL BE MADE WITHOUT NOTIFICATION TO AND APPROVAL BY THE OFFICE OF THE COUNTY ENGINEER.

TEMPORARY BENCHMARK (#5207) SET 5/8" IRON ROD AND CAP (LB 8071) N.1734348.3740, E.592323.6330, ELEV. 77.49', (NAV 1988) TEMPORARY BENCHMARK (#5209) SET 5/8" IRON ROD AND CAP (LB8071) N. 1732528.6210, E.592168.5180, ELEV. 93.46', (NAVD 1988)

BETTON IS, INVESTIGE TO SOUTH A GASGE LOSE, AMORDO COUNTY, FLORIDA AREAS MORE PARTICLARLY INSCRIBED AN OLLOWS COMMENCE AT THE RESTORMANT OF ALBERT TON IS. HELD WAS SOUTHERN AND SOUTH AND AREAS AND AREA TO THE FORM OF RECONNEY COUNTY AND AREA TO THE FORM OF T

TOPOGRAPHICAL DATA SHOWN HEREON IS BASED ON CITY OF OCALA ENGINEERING CONTROL POINT 0013. ELEVATION 84.57 (NAVD 1988)

THIS PROJECT IS LOCATED IN THE SILVER SPRINGS SECONDARY SPRINGS PROTECTION ZONE.

SIGHT DISTANCE AT DRIVEWAYS COMPLIES WITH FOOT REQUIREMENTS.

DESIGN SPEED = 30 M.P.H. TO BE POSTED AT 25 M.P.H.

BASIS OF BEARING:

BENCHMARKS:

MAJOR SITE PLAN FREEDOM COMMONS PHASE 2 AMENITY

> SECTION 15, TOWNSHIP 16, RANGE 21 EAST MARION COUNTY, FLORIDA

> > FLU - MR ZONING - PUD PUD REZONING - 210306Z DEVELOPER'S AGREEMENTS:

PUD DEVELOPER'S AGREEMENT OR BOOK 6813, PAGE 681 (AMENDED OCALA CROSSINGS NORTH) EXISTING IMPERVIOUS AREA = 0.00 AC. (0.00 S.F.) 0.00%



VICINITY MAP

HER AGE MAN, MALLO OF HER O'S, MALLO CHOURD BRANKS AND HER AGE OF SAME FIFTH, O'T HER AGE OF MALLO CHOURT AND HER AGE OF MALLO CHOURT AND HER AGE OF MALLO CHOIR AND HER AGE OF MALLO CHOIR AND HER AGE OF MALLO CHOIR AGE OF

THIS SITE CONTAINS: TOTAL PROJECT AREA = 5.76 ACRES PARCEL # 35623-000-00

OCALA CROSSINGS NORTH LAND USE AMENDMENT - 08-L26 PROPOSED IMPERVIOUS AREA = 2.29 AC (99842 S.F) 39.75%



OWNER / DEVELOPER: FREEDOM COMMONS DEVELOPMENT, LLC

TILLMAN AND ASSOCIATES TIMOTHY BROOKER JR., P.E 1720 S.E. 16th AVE., BLDG. 100 OCALA, FLORIDA 34471

SURVEYOR: JCH CONSULTING GROUP, INC. CHRISTOPHER J. HOWSON 426 S.W. 15TH STREET OCALA, FLORIDA. 34471 PH: (352) 405-1482



Call 48 Hours before you dig It's the Low! 1-800-432-4770

INDEX OF SHEETS

01.01 COVER SHEET 02.01 GENERAL NOTES AERIAL PHOTOGRAPH 04.01 MASTER DRAINAGE PLAN

05.01 GEOMETRY PLAN

GRADING PLAN 06.01 UTILITY PLAN

POTABLE WATER DISTRIBUTION DETAILS SANITARY SEWER DETAILS 08.01 09.01

ROADWAY AND PAVEMENT DETAILS DRAINAGE DETAILS EROSION CONTROL PLAN AND DETAILS

OWNER'S SIGNATURE

ENGINEER CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS AND CALCULATIONS WERE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE MARION COUNTY LAND DEVELOPMENT CODE (LDC), EXCEPT AS WAIVED,

SURVEYOR'S CERTIFICATE

CHRISTOPHER J. HOWSON JCH CONSULTING GROUP, INC

энт. 01.01 NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINE

MAJOR SITE PLAN FREEDOM COMMONS PH 2 AMENIT MARION COUNTY, FLORIDA DATE 3/26/2024 CHKD. BY TB JOB NO. 23-8397

FRED C. ARMSTRONG 1415 SW 17TH STREET OCALA, FL. 34471 PH: (352) 624-0120

CIVIL ENGINEER: TILLMAN AND ASSOCIATES ENGINEERING, LLC

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERRICATION OF SIZE AND LOCATION OF ALL EXISTING UTILITIES AND RELATED CONSTRUCTION PRIOR TO COMMENCEMENT OR WORK CONTRACTOR SHALL CONTACT SUMSHINE STATE ONE CALL OF FLORIDAD, NO. 47 TO SOCIETA SUMSHINE STATE.
- TION TO BE IN ACCORDANCE WITH THE LATEST STANDARDS OF MARION COUNTY AND FDO
- PAYEMENT STRIPING TO BE IN ACCORDANCE WITH MARION COUNTY SPECIFICATIONS AND WITH THE FLORIDA D.O.T. ROADWAY & TRAFFIC STANDARDS, INDEX 17346.
- 4. ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
- WHERE MUCK OR OTHER ORGANIC MATERIAL IS FOUND, IT SHALL BE REMOVED AND REPLACED BY GOOD QUALITY BACKFILL MATERIAL OBTAINED FROM THE GRADING OPERATIONS OR OTHER SOURCE APPROVED BY THE ENGINEER. THE ORGANIC MATERIAL SHALL BE THEN USED AS TOP DRESSING WHEN MAKED WITH CLEAN SANDY SOIL.
- . AS PART OF THE CLEARING AND GRUBBING OPERATION, THE CONTRACTOR IS TO REMOVE EXISTING FACILITIES AND / OR FENCING FROM THE SITE AS SHOWN ON PLANS.
- THE CONTRACTOR SHALL NOTIFY MARION COUNTY ENGINEERING DIVISION AND TILLIAM AND ASSOCIATES ENGINEERING LLC AT LEAST ONE WEEK BEFORE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR SHALL OBTAIN A MARION COUNTY AND REPORT PROPERTY OF COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR SHALL OBTAIN A MARION.
- A MINIMUM SEPARATION OF 1.5 FEET BETWEEN THE LIMERCOCK BASE AND THE HIGHEST GROUNDWATER ELEVATION SHALL BE MANTARRED WITHIN THE RIGHT-OF-WAY. CONTRACTOR TO NOTIFY ENGINEER IF 1.5 FEET OF SEPARATION IS NOT ACHIEVED.
- 10. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION
- PER SECTION 82-371, CODE OF ORDINANCES: FOR ANY WORK WITHIN PUBLIC RIGHT OF WAYS, A RIGHT OF WAY UTILIZATION PERMIT MIST BE OSTAINED FROM THE ENGINEERING DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- ALL AS-BULTS SHALL COMPLY WITH THE CURRENT LDC, SECTION 6.14.8 AND RETURNED IN NADES W. FORMAT WITH NORTHING AND EASTING COORDINATES FOR ALL ITEMS UNDER WATER AND WASTEWATER COMPONENTS.
- 4. MCU PERSONNEL ARE TO NETCE ANY WORK PERSONNEL ON OR MICHIGA DESTRUCTOR WILL INTRACTIBLE THE A PRE-CONSTRUCTION METING IS RECIDED TO BE RELO A INVENIOUS OF OR HOUSE PRIOR TO STAY OR ANY CONSTRUCTION 8 THE PRE-CONSTRUCTION 3331-3407-4615.

#### PAVING AND DRAINAGE NOTES

- PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCE BETWEEN CENTERLINES OF DRAINAGE STRUCTURES
- ALL PAVEMENT RETURN RADII SHALL BE 25' AND MEASURED FROM THE INTERFACE OF THE CONCRETE CURB AND PAVEMENT SURFACE UNLESS OTHERWISE NOTED DITCH BOTTOM AND CONTROL STRUCTURE INLET GRATES SHALL BE SECURED WITH CHAIN AND EYEBOLT.
- FIVE (5) FEET OF SOO IS REQUIRED AROUND ALL DITCH BOTTOM INLETS, MANHOLES, HEADWALLS AND MITERED END SECTIONS.

- AS AN ALTERNATIVE, CONTRACTOR MAY USE ALTERNATIVE PIPE MATERIALS IN LEU OF RCP. HOWEVER, CONTRACTOR
  MUST RECEIVE APPROVAL OF A TERRATIVE PIPE MATERIALS IN WINTHOU OF MACROSCOCKINT, AND TILLIANG A ASSOCIALIGHT A ROUGHES OF THE PROPERTY OF THE PREVIOUS PROPERTY OF THE P
- ALL DISTURBED AREAS WITH SLOPES UP TO 6:1 SHALL BE SEEDED AND MULCHED. SLOPES STEEPER THAN 6:1 SHALL BE SODDED AND SLOPES 3:1 OR STEEPER SHALL HAVE THE SOD PEGGED.
- 9. SEE TABLE 2.0 FOR REQUIRED STORM PIPE COVER BENEATH AN UNPAVED SECTION.
- SEE TABLE 4.0 FOR REQUIRED STORM PIPE COVER BENEATH FLEXIBLE PAVEMENT
- LOADS. ADDITIONAL COVER MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADS BEFORE PAVEMENT IS COMPLETED. SOME SIZE THICKNESS COMBINA GREATER THAN THOSE LISTED ABOVE. SEE FLOOT INDEX 205, SHEETS 1-6.
- 13. ALL RCP STORM WATER PIPE SHALL MEET THE COVER & CLASS CRITERIA AS OUTLINED IN FDOT INDEX 205.
- 15. THE LAST FOOT OF STORM WATER POND SHALL NOT BE EXCAVATED UNTIL ALL DISTURBED AREAS ARE STABILIZED.
- SIGNIFICANT CARE MUST BE TAKEN WHEN GRADING RETENTION PONDS TO ENSURE THAT POND BOTTOMS DO NOT BECOME COMPACTED DURING CONSTRUCTION OR SEALED BY CONSTRUCTION SEGMENT. IF SEDMENTATION OR COMPACTION OF A POND BOTTOM OCCUPIE, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE TH SANITARY SEWER NOTES

- ALL MANHOLES SHALL BE 4 FT. INSIDE DIAMETER.
- ALL SANITARY SERVICE LATERALS SHALL REIKINCH DIAMETER LINLESS SPECIFIED OTHERWISE ON PLANS
- PWERTS OF SANITARY SERVICE LATERALS AT THEIR CONNECTION TO SANITARY MANHOLES SHALL BE NO MORE THAN ONE (1) FOOT ABOVE THE MANHOLE INVERT.
- MINIMUM AS BUILT 8" PVC SEWER LINE SLOPE WILL BE 0.40% MINIMUM SLOPE OR WILL BE RELAID BY CONTRACTOR TO
- MARK LATERALS BY ETCHING AN "S" INTO CURBING.
- PIPE MATERIAL IS ASTM 03034, SDR-26 UNLESS OTHERWISE NOTE:
- A MINIMUM 1,04% SLOPE SHALL BE MAINTAINED ON THE SANITARY SEWER SERVICE LATERALS. AT NO TIME SHALL A SANITARY SEWER LATERAL HAVE A SLOPE OF 15% OR GREATER.
- SANTANY SEMBER CRANKIT MARKE ARE TO BE UNCHARGED IN ANTERIAL TO WATER MAIN STANDARDS AND INVESTIGATION AND THE WATER MAIN STANDARDS AND THE WATER WATER AND THE WATER WA
- SANTARY SEWER GRAVITY MANS ARE TO BE UPDRACED IN MATERIA. TO WATER MAY STANDARDS AND HYDROSTATICALLY PRESSURE TESTED WITH MATER TO ENSURE, JOINT TIGHTHESS IF ETHER OF THE FORECOTTAL, OR YELLOW MECUNED LEARNING FROM FAUNTE MAN CANNOT BE MANTANDED OF THE SEWER MAN FAUNT DATE MAN FAUNT OF THE SEWER MAN FAUNT OF MANTANDED OF THE SEWER MAN FAUNT OF THE SEWER MA
- LEAKAGE TEST ARE SPECIFIED REQUIRING THA

- TESTING OF THE SEWAGE COLLECTION SYSTEM IS AS FOLLOWS.
- A ALL GRAVITY SEWER MANS REQUIRE LOW PRESSURE AR TESTING IN ACCORDANCE WITH THE LATEST UN-RELL STANDARD FOR LOW PRESSURE ARE TESTS, ARE A MINIMAL SHALL CONFORM TO THE TEST PROCEDURES DESCRIBED IN SAME PROFESSOR, ASTER 14TH FOR THE AUGIST OFFIC.

  B. ALL SEWER MAINS SHALL BE LAMPED BY IN THE PRESENCE OF A MARRIAN COUNTY REPRESENTATIVE.
- C. ALL MANHOLES SHALL BE INSPECTED FOR INFLITRATION, ALIGNMENT, FLOW CHANNEL CONSTRUCTION AND COATAR EPOXY PAINT THROUGHOUT.
- DEFLECTION TEST ARE REQUIRED FOR ALL FLEXBLE PIPE EXCLUDING FORCE MAINS. TESTS SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES DIMEASURED FROM THE INTERFACE TO THE CONCRETE CURB AND PAYMENETS SUPFACE LINESS OTHERWISE NOTED.
- NITARY SEWER SERVICES SHALL BE INSTALLED 10' FROM BACK OF CURB.
- NTRACTOR SHALL SLEMIT THREE (3) SETS OF COMPLETE DETAILED SHOP DRAWINGS FOR ALL SANITARY RES, WET WELLS, OTHER CASTINGS, AND PURPS. THE SUBMITTALS SHALL BEAR THE APPROVAL OF THE SHALL SHALL SHALL SHALL SHALL SHALL SHALL SHALL SHALL BEAR THE APPROVAL OF THE SHALL SHAL DRAWINGS IS ALSO REQUIRED IF APPLICABLE. ALL UTILITY SHOP D RECORD AND MARION COUNTY PRIOR TO CONSTRUCTION.

- . ALL WATER MAIN CONSTRUCTION AND MATERIALS WITHIN RW OR EASEMENT TO BE OWNED AND MAINTA MARION COUNTY UTILITIES.
- 3. SEPARATION REQUIREMENTS (SEE TABLE 1.0-UTL/TY SEPARATIONS)
- HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS, SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS:
- OR RELOCATED UNDERGROUND WATER MANS SHALL BE LAD TO PROVIDE A HORIZONTAL DISTANCE OF AT 5 STORM WATER MAN AND THE OUTSIDE OF ANY EXISTENCE OF THE OFFICE OF THE OFFICE OF THE OFFICE OF THE OFFICE OFF
- 3.1.2. NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST 3" AND PREFERALEY TO BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANTARY SEWER. 3.13. NAY OR RELOCATED UNDERFIDENCIAND WATER MORE SHALL EL AND TO REVIOUGE A HOCKOCHAL DETAKE.

  OR PROPOSED CRAFFIN OF RESCRIENTY SANTIANT SEVER WAS TRANSFER FOR CASH.

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  CONSETTING RECLAMED WATER TO REGISTED THE SANTIANT SEVER WAS TRANSFER FOR SANTIANT SEVERES SANTIANT SA
- 3.2. VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS OR RECLAIMED WATER PIPELINES:
- SANTARY SEWER, WAS SEWATER OR STORM WATER FORCE MAN OR PIPELINE CONVEYING RECLAMED WATER SHALL BE LIAD SO THE CUTSIDE OF THE WATER MAN IS AT LEAST 127 ABOVE OR BELOW THE CUTSIDE OF THE OTHER PIPELINE. IT IS PREFERABLE TO LAY THE WATER MAN ABOVE THE OTHER PIPELINE.
- AT THE UTILITY CROSSINGS DESCREED IN THE ABOVE PARAGRAPHS, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR RELION THE OTHER PPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PPELINE. ALTERNATIVELY, AT SUCCIOCOSSIONS, THE PIPES SHALL BE ARRANGED. SO THAT ALL WATER MAN JOINTS ARE AT LEAST 5 FROM ALL JOINTS IN VACUUM-TYPE SANITARY SERVER
  STATE ALL WATER MAN JOINTS ARE AT LEAST 5 FROM ALL JOINTS IN VACUUM-TYPE SANITARY SERVER
  UNDER PART II OF CHAPTER GESTIS, FACE, AND AT LEAST 6 FROM ALL JOINTS IN GRAVITY REPESSAN
  SANITARY SERVERS, WASTEWATER FOR THE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT
  REGISLATED DAMPER PART II OF CHAPTER GS-50, FACE
- 3.3. NO WATER MAIN SHALL PASS THROUGH OR COME INTO CONTACT WITH ANY PART OF A SANITARY SEWER MANHOLE OR A STORM SEWER MANHOLE.
- 3.4. NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST 5 FROM ANY EXISTING OF PROCROSES STOMA SEWER, STORM WRITER FORCE MANN OR PRELIMING ANY EXISTING OF PROCRESS STORM SEWER, STORM WRITER FORCE MANN OR PRELIMING STORM SEWER STORM WRITER FORCE MANN OR PRESENT SEWER SEWE

- 4. PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN FITTINGS OF BRANCHES AND MAINS. 5. DEFLECTIONS AT PIPE JOINTS SHALL NOT EXCEED THOSE RECOMMENDED BY THE PIPE MANUFACTURER.
- ALL GATE VALVES SHALL BE EQUIPPED WITH AN ADJUSTABLE CAST IRON VALVE BOX WITH COVER, WITH THREADED EXTENSION WHERE NEEDED.
- A FORD IN ADD THAT ARE MANDED WITH THE PROOF OF THE PROOF
- ALL NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH A CONTINUOUS, INSULATED 14 GAUGE COPPER WIRE INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. SEE STANDARD DRAWINGS. IN ADDITION, ALL PVC WATER MAINS SHALL BE A SOLID BLUE COLOR.
- 10. MARK DRINKING WATER SERVICES BY ETCHING A "W" INTO CURBING. PIPE MATERIALS: ALL PIPES, PIPE FITTINGS, PIPE JOINT PACKING AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS AND METERS INSTALLED LINDER THIS PROJECT SHALL CONFORM TO APPLICABLE AWWA STANDARDS.
- THE REPORT OF THE PROPERTY OF
- N CONNICTION SHALL BE MADE UNDER THE SUPERVISION OF THE <u>MARISON COUNTY</u>. ALL VALUE SHALL BE Y <u>MARISON COUNTY</u> PERSONNLI COLY. WATER MANN AIR! TO BE DESCRIPTED THE ARROWN COST AND INTY LAND DEVELOPMENT CODE OF STANDARDS AND SPECIFICATIONS FOR WASTEWATER AND WATER WALCHON SECTION 515 WHICH INCLUDES A FULL FUSH.
- TS ALL VALVES SHALL BE LOCATED IN NON PAVED AREAS LINLESS SPECIFIED ON PLANS
- 14. FIRE HYDRANT LEADS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 6" AND SHALL INCLUDE AN AUXILIARY VALVE.
- ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE "LEAD FREE" AS DEFINED IN THE LATEST VERSION OF THE SAFE WATER DIRROND ACT.
- WHERE NEW OR ALTERED DEAD-END WATER MAINS INCLUDED IN THIS PROJECT CANNOT BE AVOIDED, THEY SHALL BE PROVIDED WITH A FIRE FLUSHING HYDRANT OR BLOW-OFF FOR FLUSHING PURPOSES.
- FIRE HYDRANTS CONNECTED TO THE POTABLE WATER MAIN, FOR THIS PROJECT, SHALL BE PAINTED PER WWW.STANDARDS. FIRE HYDRANTS CONNECTED TO THE DESIGNATED FIRE LINE SHALL BE PAINTED PER
- WHEN THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE SECOND OF THE PROPERTY OF THE SECOND OF THE PROPERTY OF THE SECOND OF T

- ALL WATER MAIN TEES, BENDS, PLUGS, AND HYDRANTS WILL BE PROVIDED WITH THRUST BLOCKS OR RESTRAINED JOINTS TO PREVENT MOVEMENT. IFAC 62-553.320(21)(6)(5), AND RSWW 8.5.4)
- NEW OR ALTERED WATER MAIN INSTALLATION AND PRESSURE AND LEAKAGE TESTING, SHALL BE PROVIDED IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS. PVC WATER MAIN INSTALLATION AND TESTING SHALL CONFORM TO AWWA COST. DUCTILE IRON WATER MAIN INSTALLATION AND TESTING SHALL CONFORM TO AWWA COST.
- 25. NEW OR ALTERED WATERMANS, INCLUDING FIRE HYDRANT LEADS AND SERVICE LINES THAT WILL BE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DUMBETER OF THIRE INCHES OR GREATER, SHALL BE DISINFECTED AND BACTEROLOGICALLY TESTED IN ACCORDANCE WITH AWAY 0.093
- 26. THE MINIMUM COVER TO BE PROVIDED OVER POTABLE WATER LINES SHALL BE 3'.

- CTION AND MATERIALS SHALL BE IN COMPLIANCE WITH THE MARION COUNTY LDC FOR
- ALL FORCE MAIN CONSTRUCTION AND MATERIALS TO BE OWNED AND MAINTAINED BY MARKON COUNTY.
- DEFLECTIONS AT PIPE JOINTS SHALL NOT EXCEED THOSE RECOMMENDED BY THE PIPE MANUFACTURER
- VALVES SHALL BE EQUIPPED WITH AN ADJUSTABLE CAST IRON VALVE BOX WITH COVER, WITH THREADED EXTENSIONS WHERE NEEDED, UNLESS OTHERWISE NOTED.
- ALL PVC FORCE MAIN SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS, MARKED WITH THE SEAL OF APPROVAL OF THE NATIONAL SANITATION FOUNDATION (NSF). ALL NON-METALLIC FORCE MANS SHALL BE INSTALLED WITH A CONTINUOUS, INSULATED 14 GAUGE COPPER WIFE INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. SEE STANDARD DEWNINGS, IN ADDITION, ALL PUP FORCE WARRS SHALL BE EITHER A SOLL ORIGINATION COLOR ON WHITE WITH ORIGIN. LETTERING, ALL LETTERING SHALL APPEAR LEGGLY ON PIPE AND SHALL RUN THE ENTIRE LENGTH OF THE PIPE. LETTERING SHALL READ AS IN ACCOUNTABLE FOR THE INTERDED USE.
- HYDROSTATIC & LEAKAGE TESTING OF THE FORCE MAIN SHALL BE DONE IN ACCORDANCE WITH THE AWWA STANDARDS. HYDROSTATIC TESTING TO BE DONE IN ACCORDANCE WITH AWWA C-800.
- PIPE MATERIALS:

  PIPC SHALL BE MANUFACTURED IN ACCORDANCE WITH AWAYA STANDARD CKD, LATEST EDITION. THE PIPC
  SHALL HAVE A MINISHAN WORKING PRESSURE OF 160 PER AND SHALL HAVE A DIMENSION RATIO (BIT) OF 25
  SHALL HAVE A LIMINESS OTHER PIPE SHALL BE THE SEASE OF 0.5 AS DUCTEL BROWN PIPE. PIPC. DOTS. SHALL BE 8
  ACCORDANCE WITH ASTM D3136. DUCTILE BROWN, JOINT SHALL BE IN ACCORDANCE WITH ANSI AZIL.11 AND
  AWAY.C111.
- AIR RELEASE VALVES SHALL BE REQUIRED AT ALL HIGH POINTS IN THE PROPOSED FORCE MAIN, AS SHOWN ON PLANS. HIGH POINTS IN THE FORCE MAIN ARE DEFINED AS A CHANGE IN ELEVATION TWICE THE DIAMETER OF TH

## FIRE DEPARTMENT

- THE STRUCTURES BEING CONSTRUCTED ON THE PROPERTY WILL BE CONSTRUCTED UNDER THE 7th EDITION OF FLORIDA FIRE PREVENTION CODE.
- PER MARION COUNTY CHITERIA: FIRE HYDRAYS MAST BE LOCATED SO AS NOT TO REQUIRE THE LAYING OF MORE THAN FOUR-HUNDRED (MO) TEET OF HOSE CONNECTED TO SUCH HYDRAYT, ALONG THE NEAREST PUBLIC RIGHT-OF-WAY, TO THE CENTER OF ANY BUILDABLE LOT OR PARCEL IN THE DEVELOPMENT.

- WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK. (7TH EDITION OF FLORIDA FIRE
- THE ACCESS ROADS SHALL REMAIN CLEAR OF VEHICULAR OBSTRUCTIONS TO ALLOW ACCESS OF FIRE DEPARTMENT UNITS WHILE THE BUILDINGS ARE BEING CONSTRUCTED. (7TH EDITION OF FLORIDA FIRE DEPENDANTMENT (ACCESS) IF LAND CLEARING OPERATIONS REQUIRE BURNING, A BURN PERMIT MUST BE OBTAINED FROM THE DEPARTMENT OF FORESTRY PRIOR TO BURNING ANY MATERIAL.
- ONCE ALL NEW HYDRANTS HAVE BEEN INSTALLED, TESTED, AND PAINTED PER NIFPA 291 BY A THRID PARTY CONTRACTOR. PLEASE PROVIDE THE MARION COUNTY FIRE PREVENTION OFFICE WITH A COPY OF THE HYDRIANT FLOW DATA.
- FIRE HYDRANT LOCATIONS SHALL BE INDICATED BY PLACEMENT OF A BLUE REFLECTOR IN THE MIDDLE OF THE ROADWAY LANE CLOSEST TO THE HYDRANT.

#### REUSE NOTES

- REUSE AND EFFLUENT REUSE MAINS SHALL BE PVC CONFORMING TO AWWA C-900, DR 18 FOR PPE 4"-12", PIPES 12" & LARGER SHALL BE AWWA C-900, DR 18 ALL COUPLINGS, CLEANING COMPOUNDS
- DEPTH OF REUSE AND EFFLUENT REUSE LINES TO BE 36" BELOW FINISHED GRADE.
- REUSE AND EFFLUENT REUSE MAINS TO BE LOCATED 5' FROM BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. ALL REUSE AND EFFLUENT REUSE MAINS UNDER PAYEMENT SHALL BE DUCTILE IRON PIPE AND SHALL EXTEND 5' BEYOND THE EDGE OF PAYEMENT OR BACK OF CURB.

## EROSION CONTROL NOTES

- DURING CONSTRUCTION, THE CONTRACTORS SHALL TAKE ALL REASONABLE MEASURES TO INSURE AGAINST FOLLUTING, SLTING OR DISTURBING TO SUICH AN EXTENT AS TO CAUSE AN INCREASE IN TURBIDITY TO THE EASTING DUBLY CAN WRITER. SLUCH MEARINE SHALL BE APPROVED BY THE PENANCEER AND MAY INCLUDE, BUT NOT LIMITED TO, CONSTRUCTION OF TEMPORARY EROSION CONSTRUCTIONS DUAL SECENATION. SEARN, SECRETARY CHECK, OR SET ADMINISTRATION.
- CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION CONTROL PLAN.
- SOCIOING OF DETENTION PONDS SHOULD BE ACCOMPLISHED WITHIN 14 DAYS OF POND GRADING TO MINIMIZE EROSION POTENTIAL.
- IF DURING CONSTRUCTION, THE PROPOSED EROSION SYSTEM DOES NOT PERFORM SATISFACTORILY, ALTERNATIVES AND ADDITIONAL METHODS OF PROTECTION SHALL BE IMPLEMENTED BY THE CONTRACTOR IN ORDER TO COMPLY WITH S.W.F.W.M.D. AND MARION COUNTY EROSION CON-COSTS ASSOCIATED WITH COMPLIANCE ISSUES AND ENFORCEMENT ACTIONS.
- ALL SOCIDED AND/OR SEEDED AREAS MUST BE WATERED AS NECESSARY DURING CONSTRUCTION AND 2 MONTHS AFTER COMPLETION OF CONSTRUCTION IN ORDER TO ENSURE STABILIZATION AND SURVIVIAL

LOCATION OF PUBLIC W	ATER SYSTEM MAIN:	S IN ACCORDANCE WITH	F.A.C. RULE 62-555.314
OTHER PIPE	HORIZONTAL SEPARATION	CROSSINGS (1)	JOINT SPACING @ CROSSINGS (FULL JOINT CENTERED)
STORM SEWER STORMWATER FORCE MAIN, RECLARMED WATER (2)	Water Main 3 ft. minimum	Water Main 12 inches is the minimum, except for storm sewer, then 6 inches is the minimum and 12 inches is preferred	ALTERNATE 3 FT. MINIMUM Waiter Main
VACUUM SANTARY SEWER	Water Main 10 ft. preferred 3 ft. minimum	Water Male: 12 Inches is preferred 6 Inches minimum	ALTERNATE 3 FT. MINIMUM Water Main
GRAVITY OR PRESSURE SANITARY SEWER SANITARY SEWER FORCE MAIN, RECLAIMED WATER (2)	Water Main 10 ft. preferred 6 ft. minimum (3)	Water Main  12 inches is the minimum, except for grassly sewer, then 6 inches is the minimum and 12 inches is preferred.	ALTERNATE 6 FT. MINISUM Water Main

- ON-SITE SEWAGE TREATMENT 10 ft. mi nimum WATER MAIN SHOULD CROSS ABOVE OTHER PIPE. WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
- SEPAIGTION IS 12 INCHES.

  RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

  3 FT. FOR GRAVITY SANTARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE 3 FT, FOR GRAVIT DANIARY SEVER THE TOP OF THE GRAVITY SANIARY SEVER RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

- SHALL BE RESPONSIBLE FOR RECORDING INFORMATION ON THE APPROVE TILY WITH CONSTRUCTION PROGRESS. RECORD DRAWINGS SUBMITTED TO HART OF THE PROJECT ACCEPTANCE SHALL COMPLY WITH THE FOLLOWING
- A DRAWINGS SHALL BE LEGIBLY MARKED TO RECORD ACTUAL CONSTRUCTION.
- DRAWINGS SHALL CLEARLY SHOW ALL FIELD CHANGES OF DIMENSION AND DETAIL INCLUDING CHANGES MADE BY FIELD ORDER OR BY CHANGE ORDER.
- DRAWINGS SHALL CLEARLY SHOW ALL DETAILS NOT ON ORIGINAL CONTRACT DRAWINGS, BUT CONSTRUCTED IN THE FIELD, ALL EQUIPMENT AND PIPING RELOCATION SHALL BE
- LOCATION OF ALL INLETS AND MANHOLES, HYDRANTS, VALVES AND VALVE BOXES SHALL BE SHOWN. ALL VALVES SHALL BE REFERENCED FROM AT LEAST TWO PREFERABLY
- DIMENSIONS BETWEEN ALL INLETS AND MANHOLES SHALL SE VERFIED AND SHOWN. THE INVERTS AND GRADE ELEVATIONS OF ALL INLETS, CONTROL STRUCTURES AND MANHOLES SHALL BE SHOWN. CONTRACTOR SHALL PROVIDE AS-BUILT SURVEY FOR POND GRADING, SPOT ELEVATION SHALL BE TAKEN AT TOP OF BANK, POND BOTTOM, AND ALL GRADE BREAKS AT 90' INTERVALS.

- WHERE THE WATER MANN CROSSES OTHER UTILITIES (STOMM, GRAVITY SEMEN, R. MANN AND RECLAMED WATER), THE CERTIFIED AS-BULL DRIVANIOS SHALL CLEAM MANN AND RECLAMED WATERS, THE CERTIFIED AS-BULL TOWNINGS SHALL CLEAM THE PREVIOUS CHEMISTRE AT ALL, THE CONSISSE, FALLER OF PROVIDE THIS SHOOM WILL RESULT IN THE CONTINUE TO EXCAVATING AND SURVEYING THE UTILITIES A ACRITICANL COST OF THE CONTINUE TO THE CONTINUE THE CONTINUE TO THE CONTINUE THE CONTINUE

TABLE 2.0 - STORM PIPE COVER (UNPAVED)

24" [33"] 18" [18"]

30" (24") [27"] 24" (18") [21"]

t O TYPE 1-R (SPIRAL RIB) PIPE WHICH MUST BE

(24") [27"]

PIPE TYPE/SIZE &

SATED ALLIMINUM

- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH SIGNED AND SEALED AS BUILTS OF ALL UTILITY MERCONEMETS, PRESSURE TESTS, BACTERIOLOGICAL TESTS, AND ANY OTHER INFORMATION INCLESSARY FOR THE CLEARANCE APPROVIALS WITH PLEER, AND THE LOCAL UTILITY PROVIDER. THIS INFORMATION SHALL BE PROVIDED TO THE PROMISER SHALL SHA
- SIGNED AND SEALED AS-BULLTS OF ALL STORM WATER SY INFORMATION AND OTHER INFORMATION NECESSAI FOR THE CLEARANCE APPROVALS WITH \$ W.F. W. M.O. AND LOCAL UTILITY PROVIDER. THIS INFORMATION SHALL BE PROVIDED TO THE ENGINEERS ON ANY PROVIDED TO THE ANTICIPATED COMPLETION OF CONSTRUCTION ANDIOR CERTIFICATION OF COMPLETION APPROVAL DATE.

## TABLE 3.0 -STORM PIPE COVER (RIGID PAVEMENT)



RIGID PAVEMENT (DOWELED JOINTS AND GOOD CONDITION)

## TABLE 4.0 -STORM PIPE COVER

FLEXIBLE PAVEMENT OR RIGID

PIPE TYPE/SIZE & SHAPE	MINIMUM COVE
CONCRETE *	
ROUND & ELLIPTICAL	7"
CORRUGATED STEEL *	
12"-30" ROUND	12" [12"]
36"-48" ROUND	18" (12") [15"]
54°-72° ROUND	21" (15") [18"]
78"-96" ROUND	(18") [27"]
102 & LARGER ROUND	(24") [33"]
15"-30" ARCH EQUIVALENT	18" [18"]
36"-46" ARCH EQUIVALENT	24" (12") [18"]
54°-72° ARCH EQUIVALENT	27" (15") [24"]
78"-96" ARCH EQUIVALENT	(187) [307]
102" & LARGER ARCH EQUIVALENT	(24")
CORRUGATED ALUMINUM	
12"-24" ROUND	15" [12"]
30"-48" ROUND	18" (12") [18"]
54"-72" ROUND	24" (18") [24"]
78"-102" ROUND	(24") [30"]
108" & LARGER	(30")
15"-04" ARCH EQUIVALENT	24" [21"]
30"-46" ARCH EQUIVALENT	27" (15") [24"]
54"-72" ARCH EQUIVALENT	30" (18") [27"]

Marion County Approval Stamp

## POLYVINYL CHLORIDE

(FLEXIBLE PAVEMENT)



(30")

NOT GENERAL

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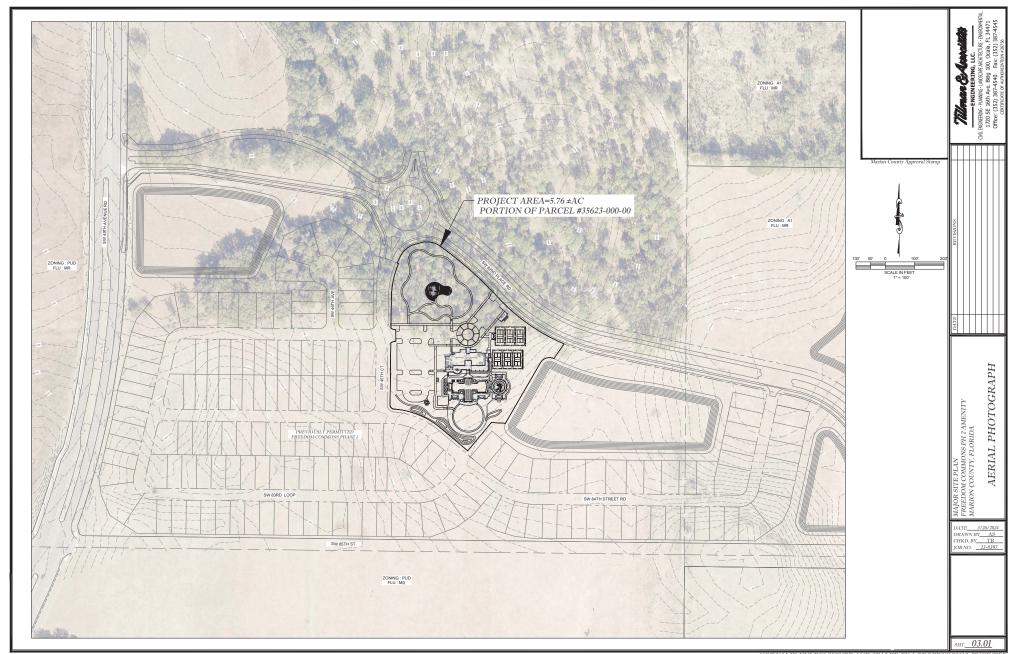
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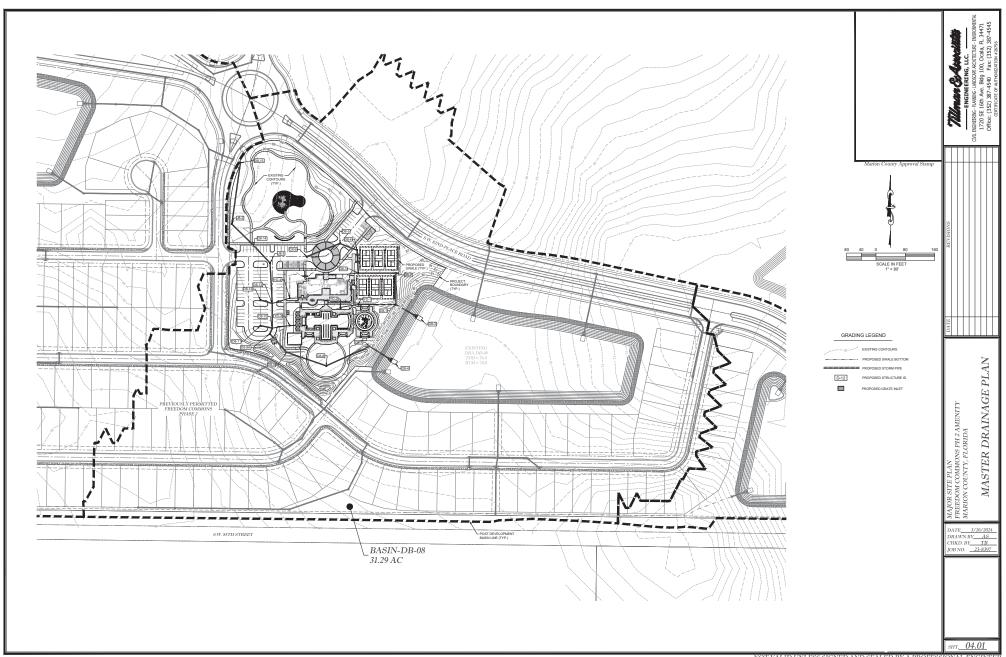
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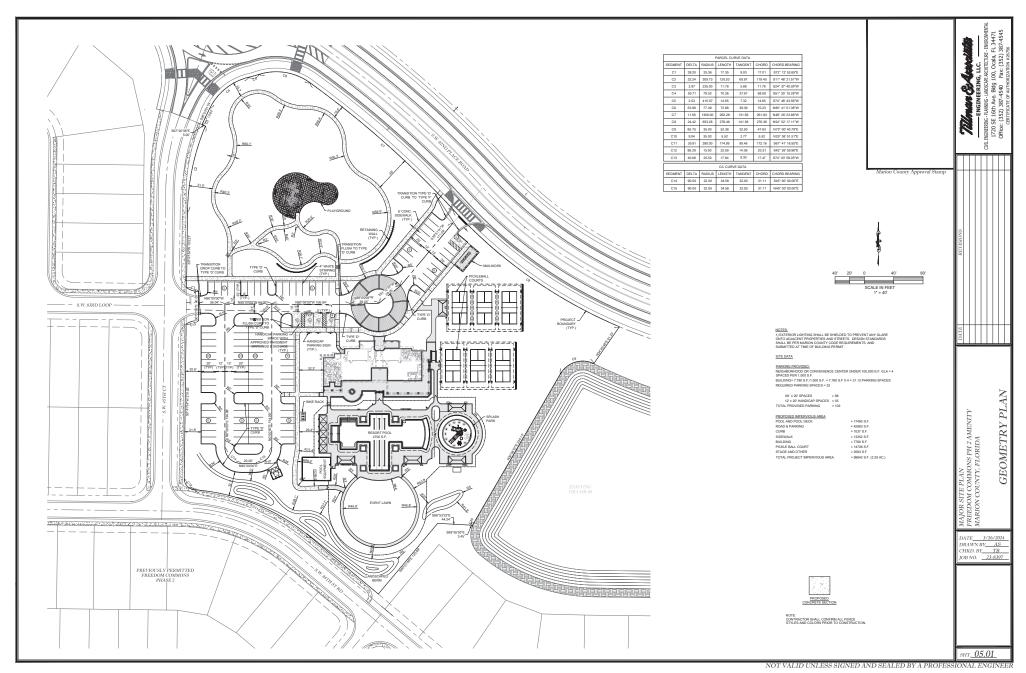
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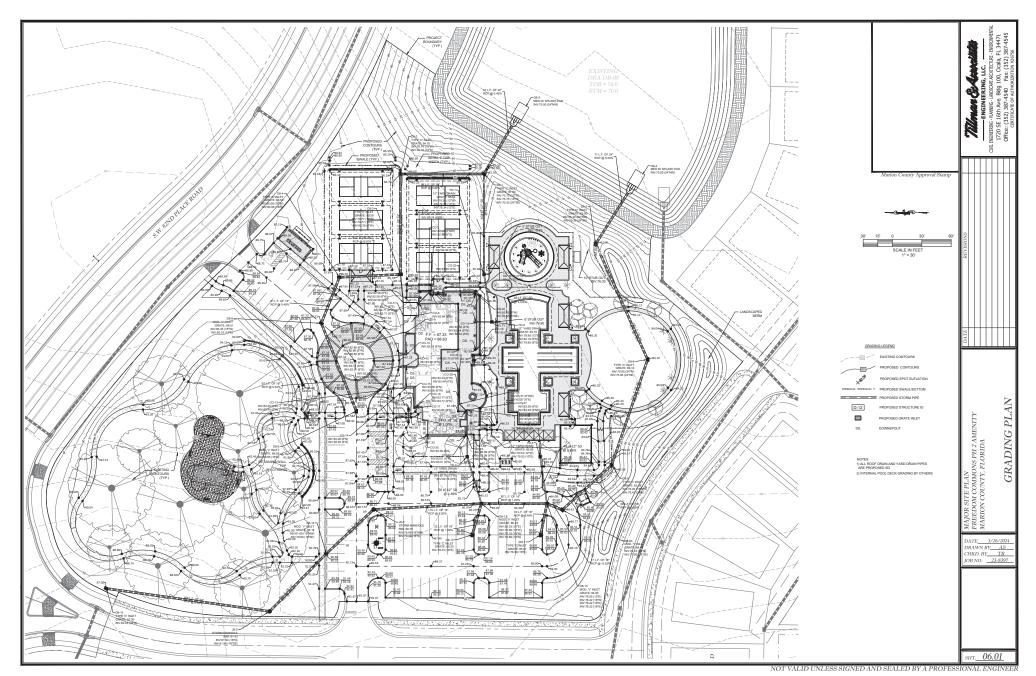
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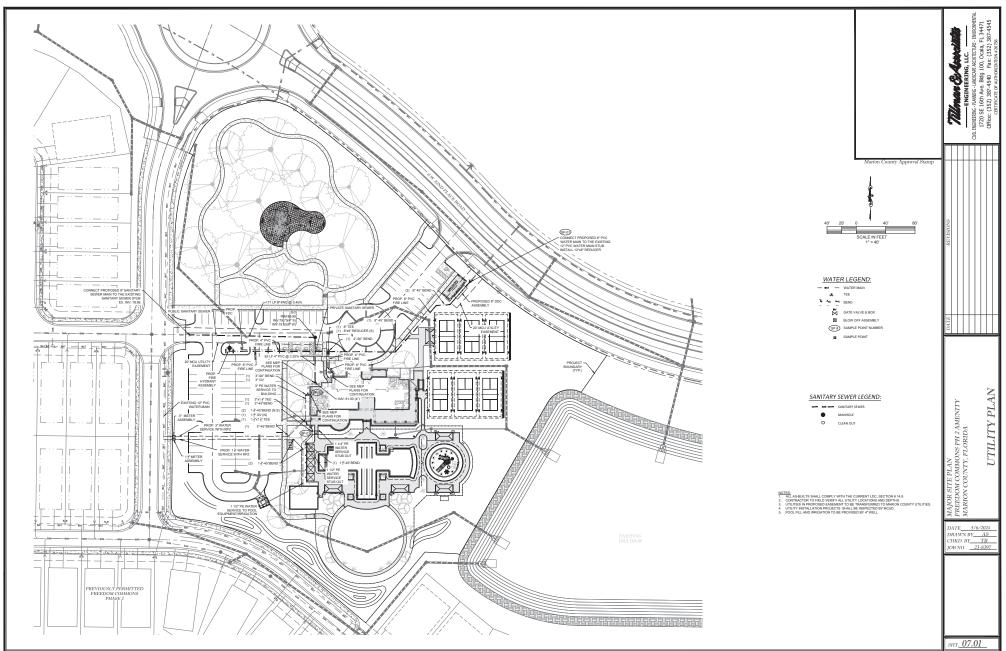
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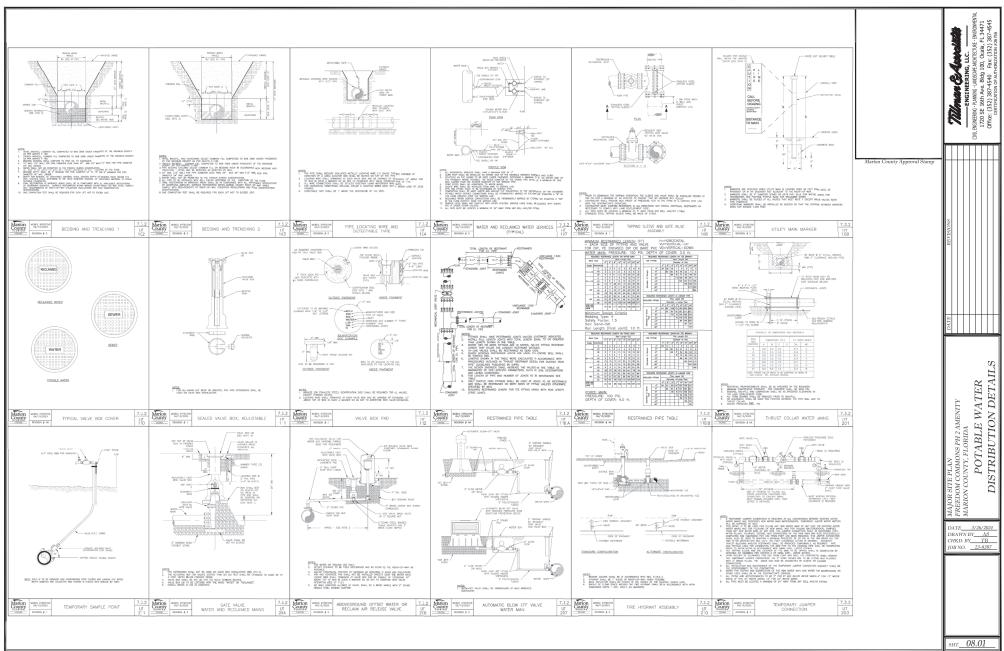


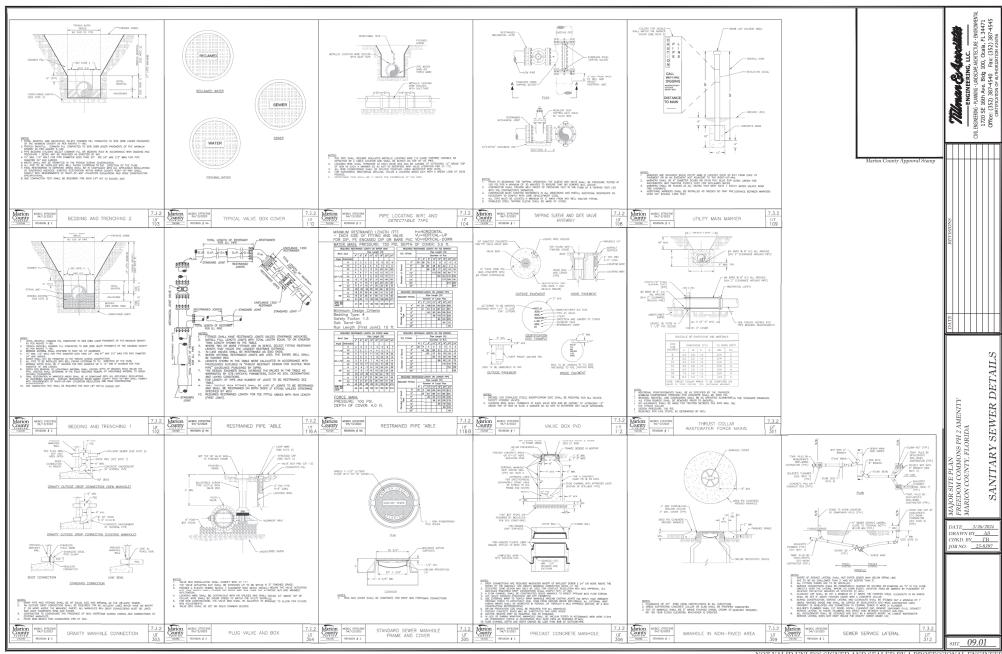


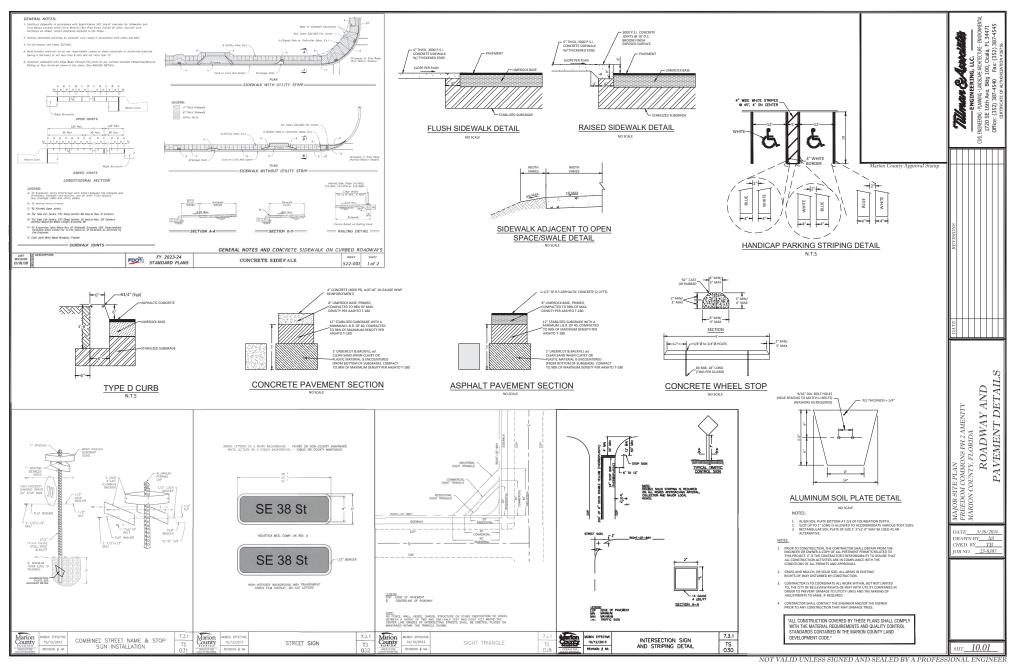


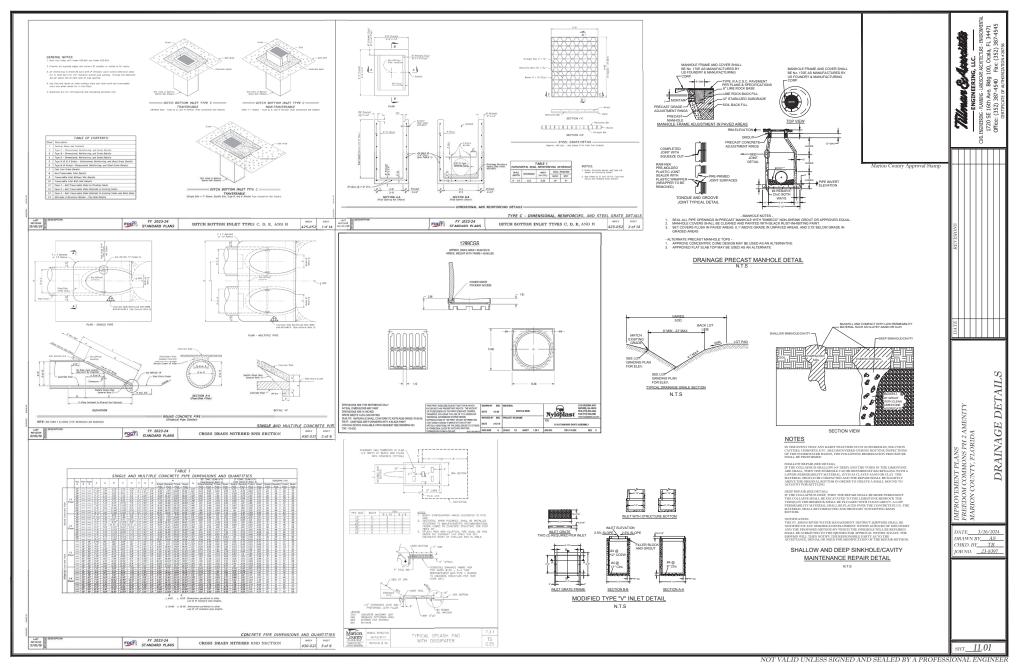


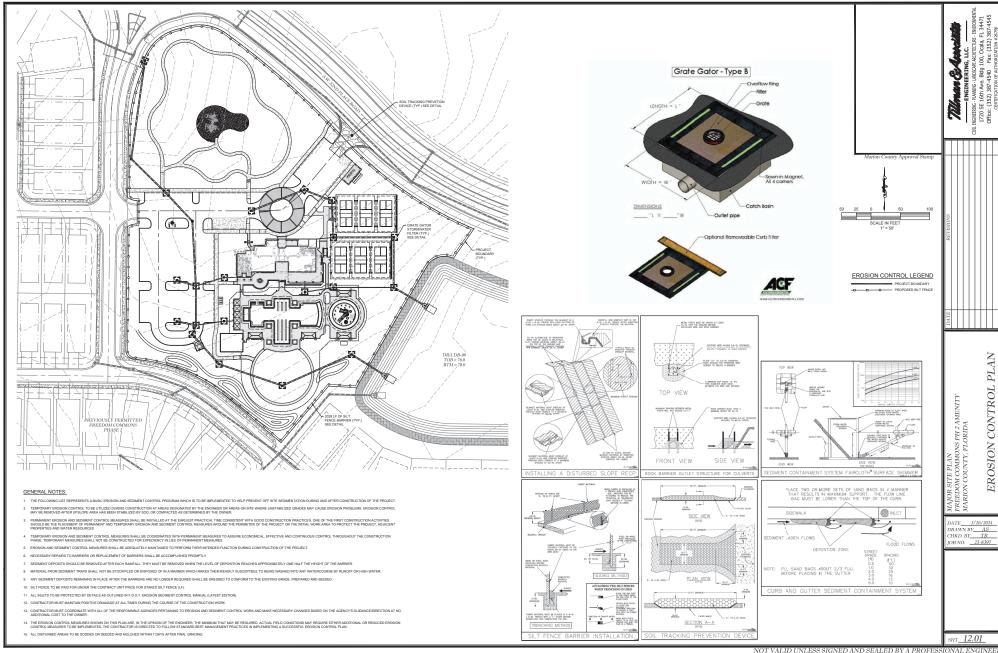


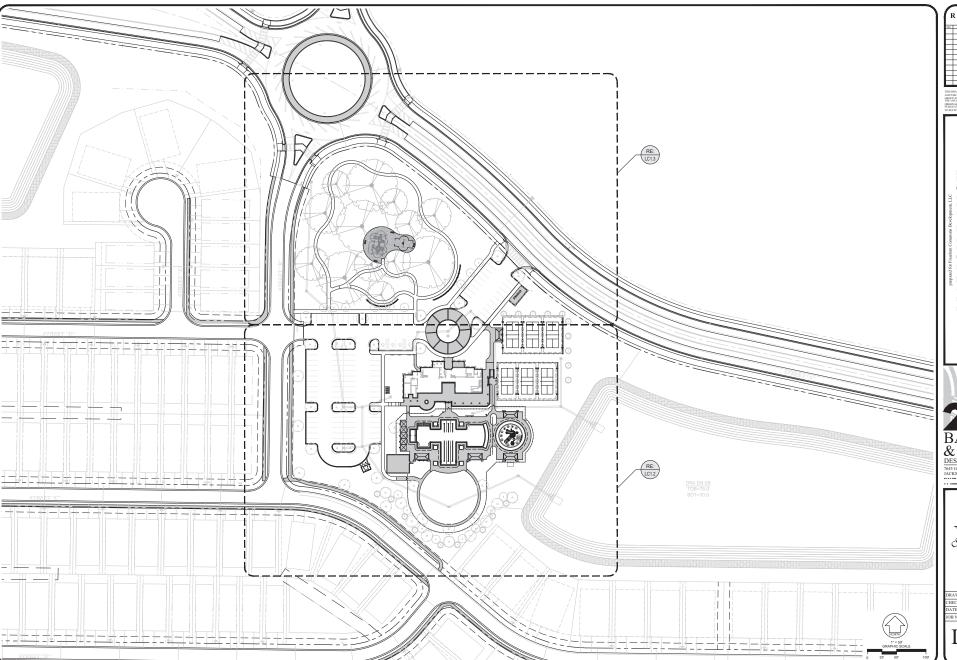




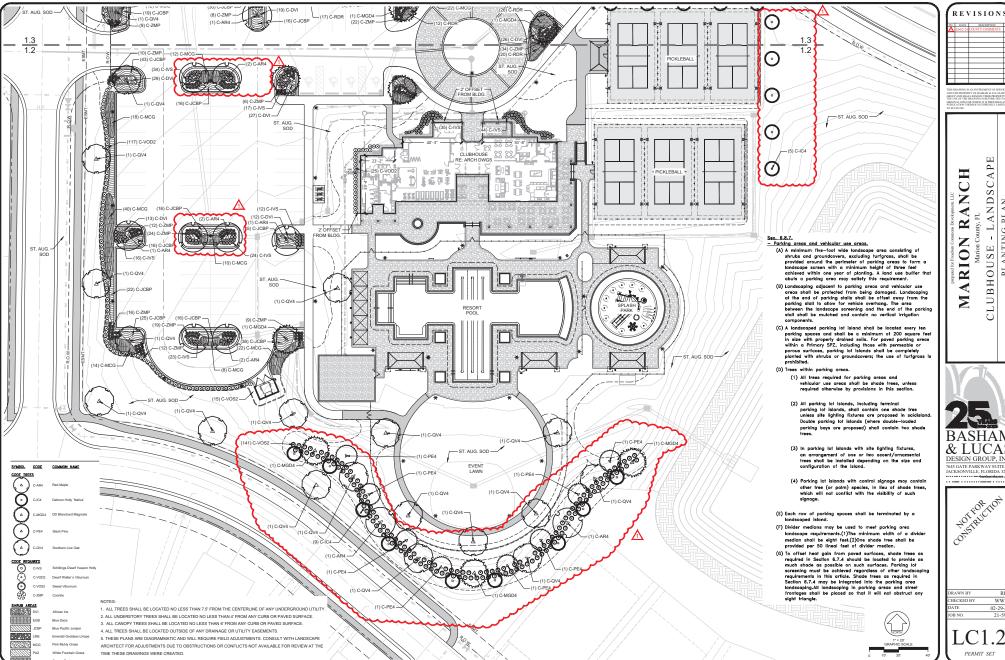








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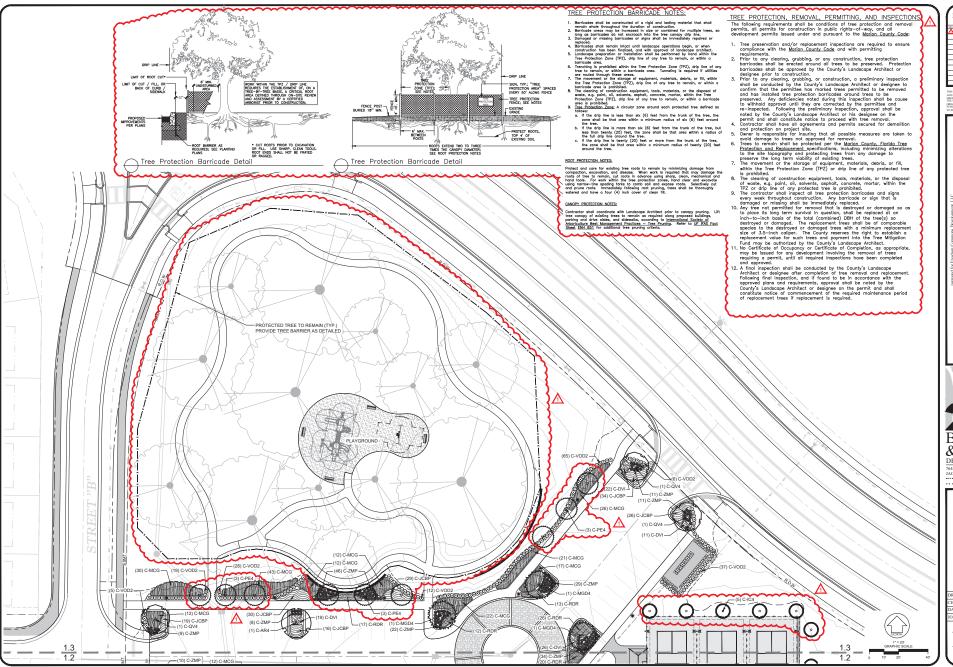






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Landscape Notes A. PLANT MATERIAL STANDARDS

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SPACING

DMI MATERIAL SIMPLIFICATION OF TRUNK PROJECT SHALL EXCEED THE CLASSIFICATION OF "FLORIDA NO. 1" AS SCRIBED IN THE LATEST EDITION OF "GRADES AND STANDARDS FOR NURSERY PLANTS", PARTS I AND II, BY THE PRIVIDED EPPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. REFER TO DETAILS FOR PURTHER QUIED. SPECIFICATIONS. ALL QUESTIONS CONCERNING THIS PLAN SET AND/OR SPECIFICATIONS SHALL BE DIRECTED TO

(SEE PLANT LIST). REMOVE ALL DERRIS FROM MULCH.

TREES SHALL NOT BE PLANTED CLOSER THAN 20 - 30 FEET, DEPENDING UPON SPECIES OR UNLESS APPROVED BY THE COUNTY ADMINISTRATOR AND/OR LANDSCAPE ARCHITECT.

INSUPPLIENT WAITER.

ALL PLANTINGS AND BED LAYOUTS SHALL BE SET AND APPROVED BY OWNER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. IF PLANT MATERIAL IS INSTALLED PRIOR TO OWNER/LANDSCAPE ARCHITECT'S APPROVED CONTRACTOR WILL BE SUBJECT TO RELOCATION THE MATERIAL AT THE OWNER'S REQUEST AND THE CONTRACTOR S

Sod Notes

Playground Surfacing Notes

THE LANDSCAPE ARCHITECT.

ALL PLANT MATERIAL SHALL MEET OR EXCEED SIZE SPECIFICATIONS DEFINED HEREIN. ANY MATERIAL NOT MEETING

SPECIFICATIONS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

THE LANDSCAPE ARCHITECT/OWNER WILL APPROVE THE STAKED LOCATION OF ALL PLANT MATERIAL PRIOR TO

INSTALLATION.

PLANT MATERIAL IS SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND OWNER, BEFORE, DURING AND AFTER INSTALLATION, AS PER SPECIFICATIONS.

ALL SOO SHALL BET 100T SOLD SOO, 99% FREE OF NOXIOUS WEEDS, WITH A TWO (2) INCH THICKNESS OF ROOTS CAPABLE OF HOLDING SAND. SOO SHALL BE FRESHLY CUT WITHIN TWENT-FOUR (24) HOURS OF LAYING, LIAD WITH TOTHTY-BUTTED JOINTS AND ROLLED. HAND RAWING SHALL BE DONE AS EXCESSARY TO BUSINES PROPER EVEN GRODES AND CLEAR SURFACES FOR SOO.

ALL SINGLE-THUNK TREES SHALL BE STRAGHT STRUKES WITH ONE CENTRAL LEADER AND FULLY CROWNED.

ALL IREES SHALL BE FREE OF CIPEN WOUNDS AND WOUND SOARS IN THE CLEAR TRUNK AREA.

ALL RIEES SHALL BEF FREE OF CIPEN WOUNDS AND WOUND SOARS IN THE CLEAR TRUNK AREA.

B. GRADNIG OF PLANTING BEDS

THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR HOLDING FINE GRADING OF PLANTING AREAS TO
HISURE AT LESST 3X POSTINE DRANNOE RAWY FROM BUILDINGS AND INTO TURF AREAS, PONDS, STREETS OR
OTHER DRANNOE WAYS. IN ADDITION, THE FINISH MULCH ELEVATION AT THE BULDINGS SHALL BE AT LESST OF
BELOW FIRSH FLOOR OF THE ADACHET BULDINGS. SHEPT THIS CONDITION WHITH CONTRACTOR PRIOR
TO BEDINNING WORK. PARKING LOT ELANDS SHALL SLOPE AT 3" FROM CONTRE OF ISLAND TO CURB. TURF
AND PLANTING BEDS SHALL BETS SEPANJES AND PLATFORM AT 2" BECOM THE FLATWORK.

THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL FINIL GRADING OF BERSH, BED AREAS AND SOO AREAS
UNITL. FINIL ACCUPANCE OF THE LANDSCAPE AND ATTER LANDSCAPE RISTALLATION HAS

C. BED PREPARATION AND PLANTING

- LOOSEN SOIL TO A MINIMUM DEPTH OF FOUR (4) INCHES AND REMOVE ALL DEBRIS. REGRADE THE BED TO ITS

- LOOSEN SOIL TO A MINIMUM DEPTH OF FOUR (4) INCHES AND REMOVE ALL DEBRIS. REGRADE THE BED TO ITS

- PREPARATION SUBGRADE. FILL PLANT PHT WITH SOR DESTING SOIL AND SOX TOPSOIL (SEE BELDRI) AND

- PRANT AND FILL REMANDER OF HOLE WITH PLANTING MO. FERTILIZE EACH PLANT AS RECOMMENDED BY SOIL

- PLANT AND FILL REMANDER OF HOLE WITH PLANTING MO. FERTILIZE EACH PLANT AS RECOMMENDED BY SOIL

- PLANT AND FILL REMANDER OF HOLE WITH PLANTING MO. FERTILIZE EACH PLANT AS RECOMMENDED BY SOIL

- PLANT AND FILL REMANDER OF HOLE WITH PLANTING MO. FERTILIZE EACH PLANT AS RECOMMENDED BY SOIL

- PLANT AND FILL REMANDER OF HOLE WITH PLANTING MO.

- PROVIDE STATE AND AND THE AND THE BEST AND THAT AS THE TOP OF MULCH

- STOLL DRIFT AND PARE THE BEST OF TO ITS HYBRIC REGRADING. COVER ALL BED AREAS WITH A 3" DEPTH OF MULCH

NON-CANOPY TREES SHALL NOT BE PLANTED CLOSER THAN TEN (10) FEET FROM OTHER TREES AND CANOPY

BY THE COUNTY ADMINISTRATOR AND/OR LANDSCAPE ARCHITECT.

PLANT MATERIAL THAT EXCEEDS TWENTY-FIVE (25) FEET IN HEIGHT AT MATURITY SHOULD NOT BE PLANTED CLOSER THAN FIFTEEN (15) FEET OF THE VERTICAL PLANE OF AN EXISTING POWER LINE, EXCLUDING SERVICE

TREES SHALL NOT BE PLANTED CLOSER THAN SEVEN AND ONE HALF (7.5) FEET FROM THE CENTERLINE OF

I EXPLINSE.

DISTURBED AREAS OUTSIDE OF THIS SCOPE TO BE SODDED; REFER TO CIVIL ENGINEERING PLANS FOR

D. TOPOOL OR USE IN PREPARING SOU MOTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRABEL, AND OF A LOWN CHARACTER, RASONARLY FREE OF SUBSOUL, LUAY LUMPS, BRUSH WEEDS AND OTHER TITTER, FREE OF ROOTS, STUMPS, STONES LORGER THAN 2 IN ANY DIRECTION, AND OTHER EXTRAORDS OR TOXOC MARKET HAN 2 IN ANY DIRECTION, AND OTHER EXTRAORDS OR TOXOC MARKET HAN 2 IN ANY DIRECTION, AND OTHER EXTRAORDS OR TOXOC MARKET HAN 2 IN ANY DIRECTION, AND OTHER EXTRAORDS OR TOXOC MARKET HAN 2 IN ANY DIRECTION, AND OTHER EXTRAORDS OF THE PLANTINGS AND

AND A PH BETWEEN 5.5 MID 7.0 - SUBMIT SMAPLE AND PH TESTING RESULTS FOR APPROVAL.

AND A PH BETWEEN 5.5 MID 7.0 - SUBMIT SMAPLE AND PH TESTING RESULTS FOR APPROVAL

BE VOID OF ANY CONSTRUCTION DEBRIS OR UNSUITABLE MATERIALS.

BE VOID OF ANY CONSTRUCTION DEBRIS OR UNSUITABLE MATERIALS.

THE ORDERIO, CONTINUED SMAPLE PAINT ALL PAINTING SLANDS, PARKING LOT ISLANDS OR PLANTING AREAS SHALL BE CLEAN OF ALL TREASH, DEBRIS OR OTHER MON-INDIGENOUS MATERIALS TO A DEPTH OF 36° PRODE TO ANY LAUGSOME INSTITULATION.

FILL FOR ALL PRIMING LOT SLANDS SMALL BE A MIN, OF 3° BELOW TOP OF CURBING AND BE CROWNED TO A MIN, OF 6° ABOYE CURBING AT THE CENTER OF LEFH ISLAND.

ALL EDGING SHALL BE AS DESCRIBED IN THE PLANTING DETAILS.
MULCHING AND EDGING SHALL BE PER APPROPRIATE NOTES & SPECIFICATIONS.

ALL TREES TO BE STAKED AND GUYED AS SHOWN IN THE DETAILS UNLESS OTHERWISE NOTED.
ALL TREES, INCLUDING PALMS, SHALL BE SET VETRICALLY TO THE GROUND OR IF ON SLOPES OR BERMS, SHALL
BE SET VETRICALLY TO THE SURROUNDING THAT TERRAIN.

MARRANTY
ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE BY THE
OWNER ANG/OR LANDSCAPE ARCHITECT. LIMIL FINAL ACCEPTANCE BY THE OWNER ANG/OR LANDSCAPE
BEDS FREE OF GURBOS AND WELDS. ALL MECHANICAL MAINTENANCE, TEXTILIZATION, CHEMICAL TEXTILITY FOR
BEDGE OR METALLINE AND WELDS. ALL MECHANICAL MAINTENANCE, TEXTILIZATION, CHEMICAL TEXTILITY FOR
BEDGEC OR METALLINE AND WELDS. ALL MECHANICAL MAINTENANCE, TEXTILIZATION, CHEMICAL TEXTILITY FOR
BEDGEC OR METALLINE AND WELDS. ALL MECHANICAL MAINTENANCE, TEXTILIZATION, CHEMICAL TEXTILITY FOR
THE OWNER OF THE PROPERTY OF T

REPLACEMENTS BEFORE OR AT THE END OF THE CUMPANITE PERIOD (AS DIRECTED BY OMNER).

THE LANDSCAPE CONTRICTOR SHALL BE RESPONSIBLE TO MAKE NOT AND ALL NECESSARY REPAIRS TO DAMAGE CAUSED BY HIS WORK AT NO ADDITIONAL COST TO THE OWNER OR LANDSCAPE ARCHITECT.

FOR THE CONTRICT OF THE CONTRI

ALL AREAS WITHIN THE LIMITS OF WORK NOT DESIGNATED TO RECEIVE TREES OR SHRUBS; OR NOT OTHERWISE DESIGNATED WITH A SPECIFIC TURF GRASS; SHALL BE SODDED TO MATCH ADJACKEN SODDED AREAS. SEE LANDSCAPE PLANS FOR MORE DETAILS.

GENERAL REQUIREMENTS:

.. A MINIMUM OF 12 INCHES DEPTH AFTER SETTLEMENT
.. FABRIC UNDERLAYMENT THROUGHOUT ALL DESIGNATED

GHOUT ALL DESIGNATED PLAYGROUND SURFACE AREAS

FABRIC UNDERLAYMENT THROUGHOUT ALL DESIGNATED PLAYGROUND SURFACE AREAS MULCH SHALL BE RATURAL WOOD CHES MULCH SHALL NOT BE COCA-TREATED MULCH SHALL NOT BE TOTAL THROUGH SHALL NOT BE TOTAL THROUGH SHALL MET AND THE TOTAL THROUGH SHALL MET AND THROUGH SHALL SHAL

REPORT ALL DISCREPANCIES IN SITE CONDITIONS OR NON-CONFORMANCE TO SPECIFICATIONS (SUCH AS GRADING, BACKFILLING, REMOVAL OF DEBRIS, GRUBBING, ETC) TO LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR AND WARRANTY THE HEALTH OF PLANTS IN ON-SITE SOUS. IF, DURING DIGGING, THE CONTRACTOR DISCOVERS WATER-LOGGED, CLAYEY, COMPACTED OR SMALLARLY POORLY DRAWED SOLE, IT SHOULD BE BROUGHT ON THE ATTENTION OF THE OWNER FOR IMMEDIATE RELIEDAL ACTION. CONTRACTOR SHALL ALSO TAKE ALL NICESSAMY MEASURES TO ENSURE THE VARBULTY AND SURVANABILITY OF TRAINEY CHESSES IN THIS SCOPE OF WORK.

4. TO INSURE A TIMELY FLOW OF WORK, THE LANDSCAPE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES OR PROFESSIONALS ON THE SITE WHOSE WORK MAY OVERLAP OR INTERFERE WITH THE WORK SET FORTH IN THE PLAN SET OR WRITTEN SPECIFICATIONS.

THE PLANT CLUMTITIES WITHIN THE PLANT LIST ARE PROVIDED FOR CONFERENCE PURPOSES. THE MONSCAPE CONTRICTOR SHALL BE RESPONSIBLE FOR VERSIONS ALL PLANT MATERIAL QUANTITIES AND ALL CLUMTITIES FOR SOD, MUICH, ROCK MUICH, FINISH GRADE/BERMING AND PLANTING SOIL, PROF TO BIDDING WHERE CONTRICTS OCCUR BETWEEN PLANT DRAWNES AND PLANT LIST, THE PLAN DRAWNINGS SHALL PREVAIL.

6. CONTRACTOR SHALL SUBMIT UNIT PRICES FOR ALL BID ITEMS.

Contractor Notes

7. DISCREPANCIES IN DOCUMENTS OR SITE CONDITIONS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IN WRITING AT TIME OF BIDDING OR PRIOR TO CONSTRUCTION. NO ACCOUNT SHALL BE MADE AFTER CONTRACT COMPLETION FOR FAILURE TO REPORT SUCH CONDITION OR FOR ERRORS ON THE PART OF THE LANDSCAPE CONTRACTOR AT TIME OF BIDDING (ONLY EXTREMELY PECULIAR AND UNUSUAL CONDITIONS WILL BE

8. ALL QUESTIONS CONCERNING THIS PLAN SET OR SPECIFICATIONS SHALL BE DIRECTED TO THE LANDSCAPE

9. FLANT MATERIALS ARE TO BE BID AS SPECIFIED UNLESS UNWALLABLE. AT WHICH THE LLANGSCORE ARCHITECT WILL BE ACTIVED BY ELEPHONE AND IN WRITING OF THE INTEREOR CONSIGN. THERE SHALL BE NO ADDRIONS, DELETIONS OR SUBSTITUTIONS WITHOUT THE WRITTEN APPROVAL OF THE LANGSCAPE ARCHITECT. CONTRACTOR SHALL SUBMIT UNIT PROES FOR ALL BID TIES.

10. IF ISSUED, WRITTEN SPECIFICATIONS SHALL BE AN INTEGRAL PART OF THIS

11. THE LANDSCAPE CONTRACTOR SHALL FIELD VERIFY PROPERTY LINE LOCATIONS BEFORE INSTALLATION OF ANY

12. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY APPLICABLE PERMITS AND LICENSES TO PERFORM THE WORK SET FORTH IN THE PLAN SET OR WRITTEN SPECIFICATIONS.

13. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTINGS (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAVING, MULCHING, FERTILIZING, MOWING, ETC) OF PLANTING AREAS AND LAWNS UNIT. THE WORK IS ACCEPTED IN TOTAL BY THE LANDSCAPE ARCHITECT AND THE OWNER.

14. THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF FINAL ACCEPTANCE. THE LANDSCAPE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD (AS DIRECTED BY THE

## Irrigation Design Notes

IT IS THE NITED OF THE CONCER TO HAVE AN AUTOMATIC, UNDERFORMIND IRRIGATION SYSTEM FOR THIS PROJECT.
THE SYSTEM IS TO BE EXCOUNTED THROUGH A QUALIFIED CONTROLTOR AS A DESIGNABILD SCOPE OF WORK.

IT SYSTEM SHOULD PROVIDE FOR DIOS COMPAGE OF ALL PLANTING AREA WITH HEAD TO HEAD COMERGE.

2. SYSTEM SHOULD PROVIDE FOR MOST EFFICIENT USAGE OF WATER USING BEST MANAGEMENT PRACTICES.

DEVENOUSLY, PROTECTION, DEPORTMENT OF AUTOMATICAL PROPERTY OF LORGING TO COMMAINTY AFFANS, WATER MANAGEMENT DISTRICTS, THE UNIVERSITY OF FLORIDS. AND PROPERTY OF THE SHALL EXCHANGE OF LORGING THE SHOULD SHALL BE ADMITTED THE SHALL EXCHANGE OF LORGING BEBURESTS ASSOCIATED WITH IT AS A PART OF THE

ALL PROPOSED TREES SHALL EACH HAVE CORRESPONDING BUBBLERS ASSOCIATED WITH IT AS A PART OF THE LOCASING OF THE REPORTION STITLM. RESIDES OR RECOLABLE WHERE SUPPLY, STITLM SHOULD BE RESORDED TO WEET ALL REQUIREMENTS FOR AS SET FORTH BY THE FLORIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, THE FLORIA DEPARTMENT OF HEALTH, PULS ANY ADDITIONAL REQUIREMENTS FOR STATE AND LOCAL WINDIFFAULTES AND ANY WATER MANAGEMENT DISTRICTS.

SYSTEM SHOULD BE DESIGNED TO ALLOW IRRIGATION TO BE ACCOMPLISHED IN A SIX HOUR PERIOD.

SYSTEM SHOULD BE DESIGNED TO ALLOW IRRIGATION TO BE ACCOUNTED-BED IN IN SIX HOUR PERIOD. SYSTEM SHOULD BE DESIGNED TO BE WETTERD AS STAIN ALONE WHITE SERVICE. SYSTEM SHOULD BE DESIGNED TO INCLUDE A RAIN SENSOR. SYSTEM SHOULD BE DESIGNED TO INCORPORATE COLUCY COUPLER WALVES AT NO MORE THAN 200 FEET ON

R. R RESERVES THE RIGHT TO REVIEW THE DESIGN PLACEMENT OF ALL BACKFLOW PREVENTORS. 11. OWNER RESERVES THE RIGHT TO REVIEW THE UISING TURLISHED OF THE UISING OF ALL POINTS OF CONNECTION, BEAUTION PREPARED AT A SCALE POINTS OF CONNECTION, BEAUTION PREPARED OF CONNECTION, BEAUTION PREPARED CONTROLLERS, VIEW, BOXES, SLEEVES, AND IL INE (NICLUMNO DIA), LIERRA LINES (INCLUMNO DIA), TURFROTORS, SPRAY HEADS, DRIP DIATIESS, QUICK CONTROL PER AND NOZZEE.

AT THE COMPLETION OF THE PROJECT THE OWNER WILL BE PROVIDED WITH THE FOLLOWING ITEMS AS THEY

THE COMPLETION OF THE PRODUCT INE. OWNER WILL BE PROVIDED WITH THE COLLOWING ITEMS SET OF DIGITAL SHEAD ITEMS AT SOME ON SMALLER THAN I NICH = 20 FET. SETS OF AS-BULLI RECORD DRAWNINGS AT A SCALE NO SMALLER THAN I NICH = 20 FET. SETS OF AS-BULLI RECORD DRAWNINGS AT A SCALE NO SMALLER THAN I NICH = 20 FET. COPIES OF OWNERS OF SOMERATION, AND MAINTENANCE WANLAS.

COPIES OF RECOMMENDED IRRIGATION SCHEDULE WITH PROPOSES APPLICATION RATES. EXTRA SPRAY FOR THOS HOUSE FOR EACH THE VISED ON THE PRODUCT.

Mulch Notes

PINE BARK MINI NUGGETS SHALL BE PROVIDED FOR ALL AREAS WITHIN THE LIMITS OF WORK DESIGNATED TO RECEIVE NEW TREES OR SHRUBS; SEE LANDSCAPE PLANS FOR MORE DETAILS. MULCH SHALL BE PROVIDED TO A CONSISTENT DEPTH OF 3 INCHES THROUGHOUT.

\LELVIS3\Projects\Armstrong Brothers LLC\(21-59) Marion Ranch\04 - Landscape\(02 - Planting\(21-598) MARION RANCH - P2 - AMENITY - LS\_PLAN.dwg, LC2.1, 5/7/2024 6:14:30 PM, rsantmyer

Landscaped Area Provided: 9,906 SF (Shrub) + 66,635 SF (Sod) = 76,541SF Landscaped Area PROR TO THE ISSUANCE OF A CERTIFICATE OF COCUMANY, THE CONTRACTOR SHALL DOCUMENT THE ACTUAL FIELD INSTALLATION OF THE LANGEACE AS CULTILATED BEIGN.
 CERTIFICATION THAT THE INSTALLATION MEETS REQUIREMENTS SHALL BE SIGNED AND SEALED BY THE LANGEACH AGRIFIETCH (MERGIN COUNTY LOC DW. B. S.E. G. B.12).
 LIPON COMPLETION OF THE INSTALLATION, AND AT A MINIMUM OF SEVEN (7) DAYS PROR TO FINAL INSPECTION, THE CONTRACTOR SHALL PROVIDE THE AS-BUILT PLAN AND REQUEST AN ON-SITE ASSECTION BY THE LANGEACH 76.541SF (Landscape)/248.728 (SITE SF) = 31% Landscaped Arec MARION FRIENDLY LANDSCAPE AREA (MFLA) (SEC 6.8.5)
PLEASE REFER TO SHEET L3.01 IN THE PHASE 2 IMPROVEMENT PLANS WHEN ACCEPTABLE TO THE LANDSCAPE ARCHITECT, THE AS-BUILT PLANS WILL BE APPROVED AND A FINAL EURING CONSTRUCTION, THE CONTRACTOR SHALL DOCUMENT THE ACTUAL FIELD REFLALATION OF THE LANDSCAPE, THE CONTRACTOR SHALL LIMBOLARY A COPY OF THE APPROVED DESION PLAN AND REPORTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL A CLEAR AND LEGIBLE DUGRAM WITH THE FOLLOWING AS—BULL INFORMATION.

"INSTITULED PLANT SPECIES AND SLEES

(AR27665) FOR THE MFLA PLAN RUFFERS (SEC. 6.8.6. AND APPROVED PUD MASTER PLAN)

PLEASE REFER TO SHEET L7.01 IN THE PHASE 2 IMPROVEMENT PLANS (AR27665) FOR THE SITE BUFFER REQUIREMENTS.

PLANT SCHEDULE - TREES

SYMBOL CODE QTY BOTANICAL NAME

C-MGD4 9

C-PE4

PLANT SCHEDULE -

C-VOD2 314

329

SYMBOL CODE OTY

17 Pinus elliotti

SHRUBS & GROUNDCOVER

llex vomitoria 'Schillings Dwarf' Schillings Dwarf Yaupon Holly

Coontie

Pink Muhly Grass

Red Drift® Rose

Viburnum oboyatum 'Densa' Dwarf Walter's Viburnum

Juniperus conferta 'Blue Pacific' Blue Pacific Junipe

ROTANICAL NAME

Zamia pumila

Muhlenbergia capillaris

SOD-SA 66,635 sf Stenotaphrum secundatum FLORATAM St. Augustine Grass

Rosa x 'Meigalpio'

Marion County Code Requirements

PROTECTED TREE REPLACEMENT (SEC 6.7.8)
PLEASE REFER TO SHEET L7.01 IN THE PHASE 2 IMPROVEMENT PLANS
(AR27665) FOR THE TOTAL SITE DEVELOPMENT CALCULATIONS.

REQUIRED= 2,018" MITIGATION INCHES (75" X 26.9) (PER AR27685) PROVIDED= 2.072" (PER AR27665)

PRESERVED ON AMENITY SITE (PER AR27665) PROVIDED TREES PER AMENITY PLANS

SHADE TREES (PER AR27665)
TREES ON LOTS (2, 2" ON 166 LOTS) (PER AR27665)
REMAINING TREES REQUIRED FOR AMENITY (PER AR27665)

ALL LANDSCAPE INSTALLATION AND MAINTENANCE SHALL BE IN ACCORDANCE WITH MARION COUNTY LAND DEVELOPMENT CODE ARTICLE 6, DIMISION 8, LANDSCAPING

https://ibray.municode.com/fi/marion\_county
LANDSCAPE PROJECT AREA = 5.71 AC
SEE CML PLANS FOR OVERALL PROJECT DATA
P.U.D. RESIDENTIAL COMMUNITY

15 SHADE TREES PRESERVED ON SITE (PER AR27665)
77 SHADE TREES PROVIDED

TREES TO REMAIN (PER AR27665)

NON-RESIDENTIAL DEVELOPMENT (SEC 6.8.4)
20% of the land to be developed shall be landscaped.

SHADE TREE REQUIREMENTS (SEC. 6.7.4)

83 SHADE TREES PEOUBED

TOTAL SHADE TREES = 92

PROVIDED AS FOLLOWS:

488\* 308\*

CODE TREES

↶ C-IC4

Δ,

Δ,

Δ C-QV4

CODE REQUIRED (0) C-IVS

C-ZMP

CODE REQUIRED

C-DVI

SOD/SEED

C-JCBP 393

C-MCG 327

C-RDR 105

Ŏ C-VOS2 141

STORMWATER AREA LANDSCAPE (SEC 6.13.3)
PLEASE REFER TO SHEET L7.01 IN THE PHASE 2 IMPROVEMENT PLANS (AR27865) FOR THE STORMWATER AREA REQUIREMENTS.

TOTAL INCHES PROVIDED = 796"

SUBSTITUTIONS, LAYOUT, QUANTITIES, MATERIALS, ETC. - SEE SPECIFICATIONS THE CONTRACTOR SHALL PROVIDE CONFIRMATION THAT THE OWNER HAS RECEIVED: WRITTEN MAINTENANCE, PRUNING, AND FERTILIZER INSTRUCTIONS AND SCHEDULE

(NOTE PRE-APPROVAL BY THE LANDSCAPE ARCHITECT IS REQUIRED FOR ANY DESIGN CHANGE, INCLUDING PLANT

INSTALLED PLANT QUANTITIES OTHER INSTALLED MATERIALS DOCUMENTATION

SIZE

Dahoon Holly 'Nativa' MIN. 14' HT x 7' SPD 4" CAL

SIZE

GENERAL PLANTING REQUIREMENTS (SEC 6.8.10)

PROVIDED = 171 TOTAL NATIVE SHADE TREES

NATIVE DI ANTS

TOTAL REQUIRED PLANTS:

Magnolia grandiflora 'D.D. Blanchard' DD Blanchard Magnolia MIN. 16' HT x 8' SPD 4" CAL FULL TO GROUND Grows to 50-70 HT x 25-35 SPD

CALIPER REMARKS

MIN. 14" HT x 7" SPD 4" CAL STRONG CENTRAL LEADER NATIVE

MIN. 16" HT x 8" SPD 4" Cal STRONG CENTRAL LEADER NATIVE

MIN. 16" HT x 8" SPD 4" CAL STRONG CENTRAL LEADER NATIVE

MIN. 18" HT x 18" SPD MIN. 3 GAL NATIVE

MIN. 18" HT x 18" SPD MIN. 3 GAL NATIVE

MIN 18" HT X 15" SPD MIN 3 GAI NATIVE

MIN. 24" HT x 24" SPD MIN. 7 GAL NON-NATIVE

MIN. 10" HT x 12" SPD MIN. 1 GAL NON-NATIVE

PLEASE REFER TO SHEET L7.01 IN THE PHASE 2 IMPROVEMENT PLANS (AR27665)

SHADE TREE LIMITS
PROPOSED SHADE TREES ARE LIMITED TO 50% MAX OF ANY ONE SPECIES: 259 TOTAL PROPOSED NEW SHADE TREES × 0.50 = 130 ALLOWED HIGHEST SPECIES QTY PROPOSED = 58 (QV)

PALM TREE LIMITS

NOT MORE THAN 25% OF ALL REQUIRED TREES SHALL BE PALM TREES
PALM TREES PROVIDED (PER AR27665)=18

PALM TREES PROVIDED PER AMENITY CODE PLAN = 0

TREES = 239 (PER AR27665) + 77(AMENITY TREES CTY.) = 316 SHRUBS AND GROUNDCOVER = 3,058 (PER AR27665) + 1,997(AMENITY SHRUB CTY.) = 5,055 SHRUBS AND GROUNDCOVER = 3,058 (PER AR27865) + 1,997(AMENITY SHRUB QTY.) = REQUIRED = 1,264 (5,055 × 0.25)
PROVIDED = 2,272 (PER AR27865) + 1,232 (AMENITY NATIVE TREES/SHRUBS) = 3,504

Landscape Completion Inspection Requirements

50% MIN OF THE TOTAL PROPOSED REQUIRED SHADE TREES SHALL BE NATIVE:
REQUIRED = 188 (QTY, PER AR2766) + 77(PROPOSED AMENITY SHADE TREE OTY.) = 265 NATIVE SHADE TREES
(265 x 0.50) = 133 REQUIRED NATIVE SHADE TREES

MIN. 6" HT x 12" SPD MIN. 1 GAL NON-NATIVE 24" o.c

MIN 18" HT x 18" SPD MIN 3 GAI NATIVE 36" o.c.

MIN. 15" HT x 18" SPD MIN. 3 GAL NON-NATIVE 24" o.c.

FULL TO GROUND

REMARKS NATIVE

COMMON NAME

COMMON NAME

WRITTEN MAINTENANCE, PRUNING, AND FERT
 A COPY OF THE APPROVED AS-BUILT PLAN

PART 1 GENERAL

1.01 WORK INCLUDED
A. Trees, shrubs, vines and ground cover as applicable.

B. Topsoil backfill.

C. Staking and guying.

D. Maintenance service.

E. Annuals and perennials planting.

1.02 RELATED WORK
A. Section 02811 - Underground Sprinkler System.

B. Section 02938 - Sodding.

1.03 REFERENCES A. Standardized Plant Names, 1942 edition, American Joint Committee on Horticulture Nomenclature.

B. American Standard for Nursery Stock (ANSI Z60), latest edition, American Association of Nurserymen.

C. FS 0-F-241 - Fertilizer, Mixed, Commercial,

1.04 QUALITY ASSURANCE
A. Perform work with personnel experienced in the work required of this Section under direction of a skilled foreman.

B. Submit sources of plant materials. All material to have name tags attached. Submit invoice with plant names noted if required.

C. Contractor shall locate all materials and be c. Contractor shall locate all materials and be responsible for conformance with requirements of this Section. All plants not meeting requirements to be rejected.

1.05 DELIVERY, STORAGE, AND HANDLING A. Move B&B plant materials with solid balls wrapped in burlap. Plants to be lifted only by ball or container.

B. Deliver plant materials immediately prior to placement. Keep plant materials not immediately installed moist and protect from freezing by covering ball or container with mulch.

C. Reject plants when ball or container of earth surrounding roots has been cracked, broken or frozen preparatory to or during process of planti

1.06 WARRAY A.

A. Warrant all points to be fiving, healthy
A. Warrant all points to be fiving, healthy
upon date of final acceptance. Warranty period
shall terminate only if joints have been in full leaf
shall terminate only if joints have been in full leaf
shall termination of warranty period shall be extended as
necessary to comply. All materials to be in
vigorous condition at and of warranty period.

B. Immediately remove dead plants and plants not in a vigorous condition and replace as soon as weather conditions permit. Each replacement shall be covered with one year warranty commencing at time of planting.

1.07 MAINTENANCE SERVICE
A. Begin maintenance of plant materials immediately after planting and continue until date of final project acceptance.

B. Maintenance shall include measures necessary testablish and maintain plants in a vigorous and healthy growing condition. Include the following: 1. Cutivation and weeding of plant beds and tree pits. When herbicides are used for weed control, apply in accordance with manufacturer's instructions. Remedy damage resulting from use of barboides.

of herbicides.

2. Watering sufficient to maintain optimum moisture

level. 3. Pruning, including removal of dead or broken

3. - truning, including removal of dead or broken branches, and treatment of prune wounds. 4. Disease and insect control. 5. Maintaining plants in an upright, plumb position, and repair of settling. 6. Maintenance of wrappings, guys, turnbuckles and settling turnbuckles or otherwise keep guy wirns to Repair or replace accessories when required.

PART 2 PRODUCTS

2.01 MATERIALS
A. Trees, Shrubs, Vines, and Ground Cover:
Species and size identified in plant list. Plant
materials shall be true to name, in good health,
free of disease and insects, excellent in form and
in complete conformance with AMSI 260. All
materials to be nursery grown.

B. Topsoil for use in preparing soil mixture for backfilling plant pits shall be fertile, fribble, and of a learny character, resonably free of subsoil, cloy lumps, brush weeds and other litter; free of roots, stumps, stones larger than 2 in any direction, and other extraneous or toxic matter harmful to plant growth. It shall contain three (3) to five (5) percent decomposed organic matter and a ph between 5.5 and 7.0 — submit sample and ph testing results for approval.

C. Mulch: See Plant Schedule. Cypress products are prohibited.

D. Fertilizer: Osmocote 18-6-12. Or Approved Equal.

E. Organic Compost: Supplied by Wild Earth Products – State Line Bark & Mulch Inc. Rte. 4 80x 630, Old Dixie Hwy, 121 Folkston, GA 31537 ph. 912–496–2999 fx. 912–496–2998 wildearth! Gyohoo.com – Or Approved Equal.

2.02 ACCESSORIES

A. Wrapping Materials: Heavy paper manufactures for tree wrapping purpose.

3. Stakes: Metal Fence posts (Painted Brown) - 6 oot height. Wood (Painted Brown) - All sizes

C. Hardware (cables, wire, eye bolts, and turnbuckles): Noncorrosive; of sufficient strength to withstand wind pressure.

D. Tie straps: Soft polypropylene material equal to ArborTie, by Deep Root Partners, L.P., 31 Langston St., Suite 4, San Francisco, CA, 94103, 1-800-277-7688.

PART 3 EXECUTION

3.01 PREPARATION
A. Verify topsoil is ready to receive the work of this Section. All areas to be planted with shrub or ground cover masses to have minimum 6 inch or ground cover depth of topsoil.

B. Remove all weeds and grasses from planting beds. Bermuda grass, if present, to be exterminated by approved means or all soil removed to 6 inch depth and replaced with topsoil free of bermuda grass.

Stake tree locations and place shrubs, vines, i ground covers for review and final orientation Owner's Representative prior to installation.

Outline bed edges for approval prior to

E. Prepare topsoil for shrub and ground cover beds, after removing any vegetation with approved procedure, by tilling 2 inch layer (185 CF per 1000 sq. ft.) of compost into the upper 6 inches of soil.

3.02 INSTALLATION 3.02 INSTALATION
A Excavate for plant materials. Tree pits shall be 24 inches greater in diameter than root ball. Circle to be centered on tree and true in form. Circle to the centered on tree and true in form. On the contract of the cont

B. Set trees with top of root ball 3 inches above surrounding grade, and other plant materials 2 inches above surrounding grade, after settlement.

C. Remove containers from container—grown stock. Set plants in center of pits and backfill with topsoil in 6 inch layers. Pull away ropes, wires, etc. from the top of the ball.

Final 6 inch layer of backfill around trees to sist of 1:1 mixture of organic compost and

Thoroughly water soil when the hole is half and again when full.

F. Apply 1/2 pound fertilizer evenly over cultivated area around each tree and 1 pound per 100 square feet to shrub and ground cover

G. Evenly spread a 3 inch layer of mulch over tree pits and planting beds. For trees, avoid placing mulch within 6" of tree trunk. For shrubs, avoid placing mulch within 3" of plants main stem.

Prune trees and shrubs after planting to rove form and to remove dead and broker

I. Circular area around trees to be mulched ar free of vegetation. For trees 2 inch and greate in caliper, area to be 6 feet in diameter. For trees less than 2 inch caliper, area to be 4 feet in diameter. Circle to be cen

3.03 PLANT SUPPORT
A. Brace plants upright and plumb in position by staking and guying as detailed. Guys to be secured to tree with loops as detailed.

3.04 SPECIAL PLANTING
A. Annuals, Seasonal Planting: Prepare soil per requirements for shrubs and ground cover as described in Article 3.01. Refreeh annually by Incorporating 2 inch layer (165 CF per 1000 SF)

corporating 2 inch layer (185 CF per 1000 SF) organic compost. Spring Planting should be installed between zerb and April. Fall Planting should be installed between tober and November. Spring or Fall planting time is contingent upon rrent weather patterns and temperature.

END OF SECTION 02950

PART 1 GENERAL

NORK INCLUDED
 Preparation of planting surface.
 Fertilizing.

C. Sod installation.

D. Maintenance service

1.02 RELATED WORK
A. Section 02950 - Trees, Shrubs and Ground

B. Section 02811 - Underground Sprinkler System

1.03 REFERENCES
A. Standardized Plant Names, 1942 Edition,
American Joint Committee on Horticulture

C. FSO-F-241 - Fertilizers, Mixed, Com

1.04 DEFINITIONS
A Weeds: Includes Dandellon, Jimponresed, A Weeds: Includes Dandellon, Jimponresed, A Weeds: Includes Dandellon, Jimponresed, Rush Gross, Mustard, Lombaquerter, Chikeweed, Cress, Crobpross Conadian Thist

1.05 QUALITY ASSURANCE
 A. Sod Producer: Company specializing in sod production and harvesting with a minimum of 5 years experience.

B. Sod: Root development that will support its own weight, without tearing, when suspended vertically by holding the upper two corners.

1.06 REGULATORY REQUIREMENTS

1.07 TESTS A. None required.

1.08 MAINTENANCE DATA
A. Submit recommended maintenance procedures to be followed by Owner.

1.09 DELIVERY, STORAGE, AND HANDLING A. Deliver sod on pallets. Protect exposed roots from dehydration.

B. Do not deliver more sod than can be laid within 24 hours.

1.010 COORDINATION
 A. Coordinate the work of this Section with installation of underground sprinkler system and plant material as applicable.

1.011 MAINTENANCE SERVICE A. Maintain sod from installa

PART 2 PRODUCTS

PART 2 PRODUCTS
2.01 MATERIALS
A Sod: Cuttivated grass sod; type indicated on
Drawings; with strong fibrous root system, free of
stones, burned or bare spots, and weeds. B. Fertilizer: Type recommended for grass; of proportions necessary to eliminate any deficiencies of topsoil as indicated in soils test or otherwise approved.

C. Soil Amendments: Lime, sulphur, or other material recommended by soil test.

D. Water: Clean, fresh, and free of substances or matter which could inhibit vigorous growth of grass

2.02 HARVESTING A. Machine cut sod and load on pallets in accordance with ASPA guidelines.

B. Cut sod with minimum 1/2 inch and maximum one inch topsoil base.

PART 3 EXECUTION

3.01 INSPECTION

A. Verify that prepared soil base is ready to receive the work of this Section.

B. Beginning of installation means acceptance of existing site conditions.

3.02 PREPARATION
A. Finish grade areas to be sodded so that the surface is smooth and is approximately 1 inch below adjoining sidewalks and other paved surfaces.

B. Remove all weeds and grasses from areas to be sodded

C. Plonting surface shall be made friable by C. Plonting surface shall be made friable by surface shall be floated smooth and free of burngs and depressions. Remove stones and foreign matter over 2 inches in diameter from top 2 inches of the property of the state of the state of bed by the state of the state of the state of bed has remained in a friable condition and be bed has remained in a friable condition of friable condition again.

D. Apply fertilizer at the rate of one pound actual Nitrogen per 1000 square feet. Apply fertilizer prior to installation of sod. Apply fertilizer no more than 48 hrs before laying sod.

E. Lightly water to aid the dissipation of fertilizer. 3.03 LAYING SOD A. Moisten prepared surface immediately prior to laying sod.

B. Lay sod within 24 hours after harvesting to

C. Lay sod tight with no open joints visible and no overlapping; stagger end joints 12 inches minimum. Do not stretch or overlap sod pieces.

D. Finished sodding to be smooth and free of bumps and depression. Surface to be flush with adjoining grass areas if any. Place top elevation of sod approximately 1/2 inch below adjoining edging, paving and curbs. Grade planting surface as necessary to accomplish above.

3.04 WARRANTY
A. Sodded areas to be vigorously growing at time
of final acceptance or if installation occurs during
darmancy warranty to extend through first month of
following growing season. At conclusion of initial
warranty period replace dead or unhealthy sod.

3.05 MAINTENANCE
A. Mow grass at regular intervals to maintain at a maximum height of 3 inches for St. Augustine Grass. Do not cut more than 1/3 of grass blade at any one mowing.

Neatly trim edges and hand clip where necessary.

C. Immediately remove clippings after mowing and trimming.

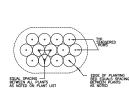
D. Water sufficiently to insure establishment and maintain vigorous appearance.

E. Roll and/or topdress surface as needed to remove minor depressions or irregularities. F. Control growth of weeds. Apply herbicides in accordance with manufacturer's instructions. Remedy damage resulting from improper use of herbicides.

G. Immediately replace sod in areas which show deterioration or bare spots. Any areas that have had topsoil washed away shall be filled to match specified grade with topsoil before resodding.

Protect sodded areas with warning signs during maintenance period.

FND OF SECTION 02938



SHRUB MASS PLANTING LAYOUT

STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT SEE STAKING DETAIL. DO NOT LEAVE BASKET OR BURLAP WASTE IN PLANTING HOLE. WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECTS SET TOP OF ROOT BALL 3\*-4\*
ABOVE FINISHED GRADE 3 IN, MULCH AS SPECIFIED. DO NOT PLACE MULCH IN CONTAC WITH TREE TRUNK, MAINTAIN THE-MULCH WEED-FREE FOR A MINIMUM OF THREE YEARS METER PLANTING. BUNCAF FROM THE ROOF BALL

BUNCAF FROM THE ROOF BALL F PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET AND REMOVE THE TOP 8 N OF RACKET PLACE ROOT BALL ON UNEXCAVATED -2 X BALL DIA.

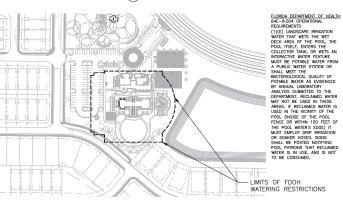
ALL WOOD OR METAL TREE STAKES SHOULD BE PAINTED BROWN-

LARGE TREE PLANTING DETAIL (3" CAL. OR LARGER)

REMOVE ALL STAKING AS SOON AS THE TREE HAS GROWN SUFFICIENT ROOTS TO OVERCOME THE PROBLEM THAT REQUIRED THE TREE TO BE STAKED, STAKES SHALL BE REMOVED NO LATER THE END OF THE FIRST GROWING SEASON AFTER PLAITING.

LARGE TREE STAKING DETAIL (3" CAL. OR LARGER)

COMMISSION AND LIFE STAMPHISSOCROPHIS TO THE DETAILS PROVIDED IN THESE PROVINCIES UNLESS STATID OTHERWISE IN FLANCOSCREP. AND THE PROLIFER STAMPHISSOCROPHIS THE PROLIFER STAMPHISSOCRO



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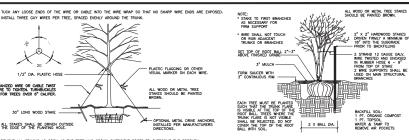
1/2" DIA. PLASTIC HOSE

30" LONG WOOD STAKE

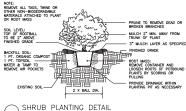
ALL STAKES SHALL BE DRIVEN OUTSIDE THE EDGE OF THE PLANTING HOLE.

Irrigation Exemption

AREAS WITHIN THE LIMITS OF FOOH WATERING RESTRICTIONS SHALL BE EXEMPT FROM THE SIC HIGH VOLUME IRRIGATION RESTRICTIONS AS STATED IN LOC PART 6.06.02.D.3. WATER SUPPLY TO IRRIGATION WITHIN THESE AREAS SHALL BE FROM A POTABLE WATER SOURCE AS REQUEDED BY THE FORMATION CONTRACTOR SHOULD UTILIZE LOW VOLUME FUTTERS WHERE FEASIBLE. ALL OTHER IRRIGATION PROMIDED OUTSIDE OF THE LUMITS OF FOOH MATERIAN GENERALIONS SHALL BE FROM A RECLAMED WATER SOURCE.

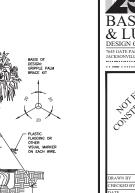


MULTI-TRUNK OR SMALL TREE PLANTING DETAIL



NOTE:

\* SPRAY BUD WITH
INSECTICIDE AS NEEDED
FOR PALMETTO WEEVIL
ERADICATION AS NEEDED \* ALL SABAL PALMS SHOULD BE REGENERATED NYLON COLLAR STRAF STAINLESS STEEL CABLE BRACES SPACED 120 DEGREES APART. LENGTH VARIES 3" MULCH AS SPECIFIED FORM SAUCER WITH 2 X BALL DIA. PALM TREE PLANTING DETAIL



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Know what's helow Call before you dig \LELVIS3\Projects\Armstrong Brothers LLC\(21-59) Marion Ranch\04 - Landscape\02 - Planting\(21-598) MARION RANCH - P2 - AMENITY - LS\_PLAN.dwg, LC2.2, 5/7/2024 6:14:32 PM, rsantmyer

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REVISIONS

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## IRRIGATION REQUIREMENTS

ALL IRRIGATION INSTALLATION AND MAINTENANCE SHALL BE IN ACCORDANCE WITH MARION COUNTY LAND DEVELOPMENT CODE, ARTICLE 6, DIVISION 9, IRRIGATION https://library.www.municode.com/fl/marion\_county

- CODE, ARTICLE 6, DIVISION 9, IRRIGATION INTERES//INFORY.www.numicode.com/I//morion\_county

  I AN IRRIGATION PLAN SHALL BE PROVIDED PRIOR TO ISSUANCE OF A DEVILOPMENT ORDER OR BUILDING PERMIT,

  F REQUIRED.

  THE IRRIGATION SYSTEM SHALL BE A DESIGN—BUILD AUTOMATIC SYSTEM TO RROWED FOOM COVERAGE OF ALL

  CONTRACTOR SYSTEM SHALL BE A DESIGN—BUILD AUTOMATIC SYSTEM PREVENTER.

  A IRRIGATION SHALL COORBINATE WITH OWNER ON THE DESIGN. AND BEACH TO WEEK PREVENTER.

  A IRRIGATION SHALL COORBINATE WITH OWNER ON THE DESIGN.

  A WITH OWNER THE MESS OF UNREGATED SHALLE AND THE WAY AND PLANTING PLANS; CONTRACTOR SHALL CONFIRM

  THE OWNER THE MESS OF UNREGATED SHALLE ON METER AND LOCATION PRIOR TO CONSTRUCTION.

  C. CONTRACTOR SHALL CONFIRM WHERE SOURCE (WITH OWNER WITH THE CURRENT EDITION OF THE LEGENDA

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  BERGATION STSTEMS AND SHALLE PRECITES SET BY THE IRRIGATION ASSOCIATION / AMERICAN SOCIETY OF

  IRRIGATION STSTEMS AND SHALLE PRECITES SET BY THE IRRIGATION ASSOCIATION / AMERICAN SOCIETY OF

  IRRIGATION CONSULTANTS INTERES/VEWS/ARTIGOTION—STSTEMS, AND

  CONTRACTOR SHALL PROVIDE IRRIGATION ASSOCIATION AMERICAND SOCIETY OF

  BROAD SHALL PROVIDE IRRIGATION ASSOCIATION AMERICAND SOCIETY OF THE ASSOCIATION OF THE REAS AND ASSOCIATION AMERICAND SOCIETY OF THE REAS AND ASSOCIATION ASSOCIATION

## IRRIGATION COMPLETION INSPECTION REQUIREMENTS

- 1. PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL DOCUMENT THE ACTUAL FIELD INSTALLATION OF THE IRROGATION SYSTEM AS QUILINED BELOW.
  2. CERTIFICATION THAT THE INSTALLATION MEETS REQUIREMENTS SHALL BE SIGNED AND SEALED BY THE LANDSCAPE ARCHITECT (MARION COUNTY LDC. DM 8. SEG. 68.812).
  3. UPON COMPLETON OF THE INSTALLATION, AND AT A MINIMUM OF SEVEN (7) DAYS PRIOR TO FINAL INSPECTION, THE CONTRACTION STATE PROVIDE THE AS-BUILT FUN AND REQUEST AN ON-STIT INSPECTION BY THE LANDSCAPE ARCHITECT.
- ARCHITECT.

  4. WHEN ACCEPTABLE TO THE LANDSCAPE ARCHITECT, THE AS-BUILT PLANS WILL BE APPROVED AND A FINAL INSPECTION AND LANDSCAPE RELEASE GRANTED.

DURING CONSTRUCTION, THE CONTRACTOR SHALL MARK-UP A COPY OF THE APPROVED DESIGN PLAN AND PROVIDE TO THE LANGSCAPE ARCHITECT FOR APPROVAL A CLEAR AND LEGBLE DIAGRAM WITH THE FOLLOWING AS-BUILT INFORMATION:

LOCATIONS OF IR METERS / WELLS, MAINLINES AND VALVES

LOCATIONS OF READER CONTROL VALVES AND COMERSPONDING ZONE LD. NUMBER

- LOCATIONS OF REMOTE CONTROL WAVES AND CAMPES-PURGING CAME LAD INVARIGUATION DELIBERATION OF ZONE AREAS.
   LOCATIONS WHERE IRRIGATION CROSSES UNDER PAKEMENT, AND IF SLEEVES ARE PRESENT TOTAL WARTER DEMAND PER OPERATING CYCLE
   CONTROLLER AND SENSOR LOCATIONS, INITIAL SCHEDULING, SETTINGS, AND SEASONAL ADJUSTMENTS.

THE CONTRACTOR SHALL PROVIDE CONFIRMATION THAT THE OWNER HAS RECEIVED:

- THE CONTROLLER PROVIDE CONTRIBUTION THAT IT OWNER HAS RECEIVED.

  RRIGATION CONTROLLER OWNER'S MANUAL

  WRITTEN INSTRUCTIONS COVERING PERIODIC MAINTEMANCE OF THE IRRIGATION SYSTEM

  WRITTEN INSTRUCTIONS COVERING HOW AND WHEN TO CHECK FOR LEAKS

  A COPY OF THE APPROVED AS-BUILT PLAN

#### IRRIGATION NOTE:

ALL NEW PLANT MATERIAL, SHALL BE IRRIGATED THROUGHOUT AN ESTABLISHMENT PERIOD SUITABLE FOR WOOROUS GROWTH OF SPECIEPED PLANT MATERIAL TYPE AND SIZE, AND THEREAFTER TO ENSURE THE HEALTHY SURVIVAL OF PLANT MATERIAL SEE IRRIGATION REQUIREMENTS, AND OWNER RESPONSIBILITY.

REVISIONS

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A PORTION OF THE N.W. 1/4 OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

DESCRIBED AS FOLIORS:

COMBINED AT THE SOUTHWEST COMER OF SAD SECTION IS. THORSE ALONG THE WEST BOUNDARY OF SAD SECTION IS. MOTOSTIPET. 28-74.

FEET TO HE FRONT OF BEGINNED, THESE CONTINUE ALONG SAD WEST BOUNDARY, ALONG THE SOUTHWEST SAD SECTION IS SOON THAT THE SOUTH BOUNDARY ALONG THE SOUTHWEST SAD SECTION OF SAD LANDS, SENTYTHE, 18-21 FEET THE SECTION OF SAD LANDS, SENTYTH, 18-21 FEET THE SAD LANDS OF SAD LANDS OF SAD LANDS,

A PORTION OF THE N.W. 1/4 AND A PORTION OF THE S.W. 1/4 OF THE N.E. 1/4 AND A PORTION OF THE WEST 1/2 OF THE S.E. 1/4 OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEST CORNER OF SAID SECTION 15, THENCE ALONG THE MEST BOUNDARY OF SAID SECTION 15, NOOSYS'26°E, 2,697,61
FEET; THENCE DEPARTING SAID MEST BOUNDARY, SASTISS'E, 572.07 FEET TO THE POINT OF BEGINNING, THENCE ALONG THE MORTH HORST OF
MAY LINE OF SAID SHEET, MEST STAIT, SLIFE TET, THENCE DEPARTING NOW ARM HORST OF OWN LINE, ALONG THE ASTREAT HORST OF
MAY LINE SAIL 471 HARNAK ON THE TOLORIMON FILE (S) COURSES; (1), MINSTS'26°E, 1.65 FEET, (2) THENCE HITTO'N, 25-42 FEET, TO THE
BEGINNING OF A NON-THANKINT CARRY, CONCARE MESTERY, MINGE A PROJECT SEZZOFF TEET, A CENTRAL MARCE OF SHEATY?, MAD A CHORD WAY JULE SIX 48th ARREST ON THE COLORIST PLAN (1) INSPECTED. 18 SETTED (2) THE MEXICAL PLAN (2) SECTION 15 OF THE SERVICE OF THE SERVICE PLAN (2) THE MEXICAL PLAN (2) SECTION 15 OF THE SERVICE PLAN (2) THE MEXICAL PLAN (2) SECTION 15 OF THE SERVICE PLAN (2) THE SECTION 15 OF THE SE

#### PARCEL 1C

A PORTION OF THE WEST 1/2 OF THE S.E. 1/4 OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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WE SHARE THE SUMMENT CORRE OF SAD EXCEND IS, TRENE LADOR OF MEST ROWARDY OF SAD EXCEND IS, NOVER'S TALLOWS, AND THE SUMMENT OF SAD EXCEND IS, NOVER'S TALLOWS, AND THE SUMMENT OF SAD EXCENDISH ROOM OF MEN OF SAD EXCENDED THE SAD E

A PORTION OF THE S.W. 1/4 OF THE S.E. 1/4 AND A PORTION OF THE S.E. 1/4 OF THE S.W. 1/4 OF SECTION 10, TOWNSHIP 16 SOUTH, RANGE 21 EAST, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEONNING AT THE MORTHNEST CORNER OF THE S.M. I/A OF THE S.E. I/A OF SAD SCENON IN, THE MORTHNEST CORNER OF THE S.M. I/A OF THE S.E. I/A OF SAD SCENON IN, THE S.E. I/A OF SAD SCENON IN, THE S.E. I/A OF SAD SCENON IN THE S.E. I/A OF THE S.E

	SHEET INDEX
SHEET	CONTENTS
1	DESCRIPTIONS, NOTES, LEGEND, SURVEYOR'S CERTIFICATION
2	OVERALL BOUNDARY, CURVE & LINE TABLES
3	TOPOGRAPHY, TREES & FLOOD ZONE DELINEATION (NORTH OF MATCHLINE A)
4	TOPOGRAPHY, TREES & FLOOD ZONE DELINEATION (SOUTH OF MATCHLINE A)
5	DETAILS OF S.W. BOTH STREET
6	DETAILS OF S.W. 49TH AVENUE RD
7	DETAILS OF S.W. 49TH AVENUE RD

SHEET 1 OF 8 ONE IS NOT COMPLETE WITHOUT THE OTHERS

ALSO LESS AND EXCEPT THOSE LANDS CONVEYED TO MARION COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA BY SPECIAL IMARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6558, PAGE 1886, OF THE PUBLIC RECORDS OF MARION COUNTY,

TOPOGRAPHIC SURVEY SECTIONS 10 AND 15, TOWNSHIP 16 SOUTH, RANGE 21 EAST MARION COUNTY, FLORIDA "FREEDOM COMMONS"

## VICINITY MAP:

NOT TO SCALE



#### LEGAL DESCRIPTION: (AS FURNISHED)

(PER FIRST AMERICAN TITLE INSURANCE COMPANY, ISSUING AGENT GRAY, ACKERMAN & HAINES, P.A., FILE NO. 2076-5142750, BEARING AN EFFECTIVE DATE OF JANUARY OB, 2021)

PARCEL NO: THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF MARION, STATE OF FLORIDA, AND DESCRIBED AS FOLLOWS:

A PORTION OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS A PORTION OF SCRIPM 15, TOMESSON TO SOUTH, MANCE 21 EAST, MARON COUNTY, FLORIDA, MORE PARTICULARLY DESCRIPED, AS CAMBRISHMON AND THE SOUTHERS TO COME OF SCRIPM 15, TOMESSON TO SCRIPP 15, TONESSON TO SCRIPP 15, TOMESSON TO SCRIPP 15, TONESSON TO SCRIPP

LESS AND EXCEPT THOSE LANDS CONVEYED TO BRADFORD EXECUTIVE HOLDINGS, LLC, A FLORIDA LIMITED LIABILITY COMPANY BY WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6588, PAGE 1693, AS PREFECCIODED IN OFFICIAL RECORDS BOOK 6582, PAGE 1424, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA:

ALSO LESS AND EXCEPT THOSE LANDS CONVEYED TO MARION COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA BY RIGHT-OF- WAY DEED RECORDED IN OFFICIAL RECORDS BOOK 6558, PAGE 1700, OF THE PUBLIC RECORDS OF MARION COUNTY,

ALSO LESS AND EXCEPT THOSE LANDS CONVEYED TO MARION COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA BY RIGHT-OF- WAY DEED RECORDED IN OFFICIAL RECORDS BOOK 6558, PAGE 1709, OF THE PUBLIC RECORDS OF MARION COUNTY.

ALSO LESS AND EXCEPT THOSE LANDS CONVEYED TO MARION COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA BY RIGHT-OF- WAY DEED RECORDED IN OFFICIAL RECORDS BOOK 6558, PAGE 1713, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA;

ALSO LESS AND EXCEPT THOSE LANDS CONVEYED TO MARION COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA BY SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6912, PAGE 330, OF THE PUBLIC RECORDS OF MARION COUNTY,

(PER OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT NUMBER: 985086-A1, ISSUING OFFICE FILE NUMBER: 1006.1.3, ISSUING OFFICE: 814501, BEARNIC AN EFFECTIVE DATE OF JANUARY 30, 2021)

## PARCEL 2

THE SOUTHWEST QUARTER OF SOUTHEAST QUARTER OF SECTION TEN, TOWNSHIP SIXTEEN SOUTH, RANGE TWENTY-ONE EAST, AND ALSO THE SOUTHEAST QUARTER OF SECTION TEN, TOWNSHIP SIXTEEN SOUTH, RANGE TWENTY-ONE EAST, MARION COUNTY, TURNAL, CONSISTING OF EIGHTY AGREE, MORE OF LESS.

#### PROPERTY DATA:

PARCEL ID: 35523-000-00
 ADDRESS: VACANT LAND

#### CERTIFIED TO

FREEDOM COMMONS DEVELOPMENT LLC FREEDOM COMMONS DEVELOPMENT, LLC
FIRST AMERICAN THE INSUMANCE COMPANY
GRAY, ACKERMAN AND HAMES, P.A.
FROEITY LAND, LLC
TITLE MASTERS, LLC
STEPHEN GREENE AS SUCCESSOR TRUSTEE UNDER
THE 603 ACRE LAND TRUST U/T/A DATED
MARCH 4, 200

#### SURVEY NOTES:

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  SOURCE STREET AS DEFICIENCY OF MANY ACROSS SURGET OF THE PROPERTY OF SIX BOTH STREET AS DEFICIENCY ON MARION COUNTY BOARD OF COUNTY.
  COMMISSIONERS, OFFICE OF THE COUNTY EMORGEM MAINTAINED RICHT OF WAY MAY FOR SIX AND STREET AS RECORDED IN MAY BOOK 2, PLACES SEE THROUGH 86 OF THE PUBLIC RECORDES OF MARION STREET AS RECORDED BY MAY BOOK 2, PLACES SEE THROUGH 86 OF THE PUBLIC RECORDES OF MARION STREET AS RECORDED BY MAY BOOK 2, PLACES SEE THROUGH 86 OF THE PUBLIC RECORDES OF MARION STREET AS RECORDED BY MAY BOOK 2, PLACES SEE THROUGH 86 OF THE PUBLIC RECORDS OF MARION STREET AS RECORDED BY MAY BOOK 2, PLACES SEE THROUGH 86 OF THE PUBLIC RECORDS OF MARION STREET AS RECORDS OF MARION STREET AS RECORDED BY MAY BOOK 2, PLACES SEE THROUGH 86 OF THE PUBLIC RECORDS OF MARION STREET AS RECORDS OF M
- CONTY, FLORIDA DU NOTI MATCH FERMIOLE SODIOLARY SURVEY COMPETED BY LAMBORICE. E. BLAND BITH BORTHAM & REMORK, CE MO. 1972.00, DATED OF SAZZOZO, RORIOT OF WAY CIDENTED REMOVE FOR MATCHING COUNTY SURVEYOR CHEM MAGGE. 
  107000APPIG. ORAN SAZONE RESEARCH SAZONE SURVEYS AND FORESCENCE OF MAGGE. 
  17 MORRATION ORAN STRUCTURES AND UNERFORMING UTILIZES ACING S. M. 49TH MEMBER OR MAGGE. 
  BASCO ON MARROW COUNTY OR 49TH/ADM NAMED PRISES THE MORRANIS (FROM SIF STRUCTURES AND UNERFORMING UTILIZES ACING S. M. 49TH MEMBER OR MAGGINE SITUATION OF STRUCTURES AND UNERFORMING UTILIZES ACING S. M. 49TH MEMBER OR MAGGINE SITUATION OF STRUCTURES AND UNERFORMED UTILIZES ACING S. M. 49TH MEMBER OR MAGGINE SITUATION OF STRUCTURES AND UNERFORMED HEMSES (FROM SIF STRUCTURES AND UNERFORMED PRISES THE MAGGINES AND UNERFORMED COUNTY OF STRUCTURES AND UNERFORMED PRISES THE MAGGINES AND UNERFORMED COUNTY OF STRUCTURES AND UNERFORMED COUNTY OF COUNTY OF COUNTY OF STRUCTURES AND UNERFORMED COUNTY OF COUNTY OF COUNTY OF STRUCTURES AND UNERFORMED COUNTY OF COUNT

## NOTES CORRESPONDING TO SCHEDULE B-2 ITEMS:

ABSTRACT INFORMATION WAS ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY, FILE NO.: 2076-5142750, ISSUING ACENT: GRAY, ACKERMANN & HANNES, PA. ISSUING OFFICE FILE NUMBER: 21-2002. COMMITMENT DATE: JANUARY OR, 2027 09:00 AM. THE FOLLOWING SCREDULE B-IT TIEMS ARE NOTICE FELLINE TO PARCEL:

- AMMENT OS, 2021 © 8:00 ML, THE FELLOWING SCREALE 8-M ITEM SER NOTED RELATION TO PARKEL!

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- THE SUBJECT PROPERTY AND IS BLANKE, IN NATURE.

  DEVELOPER'S AGREEMENT (COLAL CROSSINGS NORTH PUD) RECORDED IN OFFICIAL RECORDS BOOK 6144, PAGE249, AS AFFECTED BY ASSIGNMENT, ACKNOMEDIGEMENT OF ASSIGNMEN, ACKNOMEDIGEMENT OF ASSIGNMEN, BECOMED IN OFFICIAL RECORDS BOOK 6133, PAGE 472.
- ACCIONALIZACIÓN O MARCIN CONTRY RECORDED IN GYTICAL RECORDS BODE RISE, PIEZ 472, AND BY WORDFILMON O D'ENCOPER'S ARCESSENT (COLAL CROSSINSES SOUTH POL) AND MICHAEL AND ESCAPE ARCESSENT (COLAL CROSSINSES NORTH ROL) RECORDED IN OFFICIAL ARCESSINSES CONTRY (ROLD AND ESCAPE ARCESSENT) (COLAL CROSSINSES NORTH ROL) RECORDED ON OFFICIAL ARCESSINSES CONTRY, TROBE CONTRY, TROBE ARCESSES TO SERVER TO MARCINE CONTRY, TROBE STATE OF TROBE, AS SET FORM IN AN ACTIVATIVE SOCIAL INFORMATION OF THE STATE OF TROBE, AS SET FORMATION AND ACCOUNTY, ROCKEN ARCESSES OF MARCIN CONTRY, TROBE ARCESSES OF THE STATE OF TROBE, AS SET FORMATION AND ACCOUNTY, ROCKEN ARCESSES OF MARCIN CONTRY, TROBE ARCESSES OF THE STATE OF TROBE, AS SET FORMATION AND ACCOUNTY, ROCKEN ARCESSES OF MARCIN CONTRY, TROBE ARCESSES OF MARCIN CONTRY ARCESSES OF MARCIN CONTRY, TROBE ARCESSES OF MARCIN CONTRY, TROBE ARCESSES OF THE PRICE SECONDO OF THE STATE OF TROBE ARCESSES OF MARCIN CONTRY, TROBE ARCESSES OF THE PRICE SECONDO OF THE STATE OF T

#### LEGEND AND ABBREVIATIONS

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CABLE TELEVISION RISER BOX
TELEPHONE RISER BOX
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 GAS LINE MARKER
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 WOOD UTILITY POLE
 UTILITY POLE GUY ANCHOR
 LIGHT POLE
 UGHT POLE SIGN FLAG POLE

E MAILBOX

Δ. FIBER OPTIC MARKER

100 TRAFFIC BOX

→ TRAFFIC SIGNAL POLE

→ PEDESTRIAN CROSSWALK POLE

120 VAULT — COX

ASPHALT PAVEMENT

FOUND 5/8" IRON ROD & CAP (LB 696)
FOUND MAL & DISC (AS NOTED)
FOUND 4"x4" CONCRETE MONUMENT (AS NOTED)
FOUND 4"x4" CONCRETE MONUMENT (AS NOTED)

FOUND 1/2" IRON ROD & CAP (AS NOTED)

SURVEYOR'S CERTIFICATE:

I HEREFY CERTIFY THIS SURVEY MEETS THE APPLICABLE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5.07.050—052, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DATE

CHRISTOPHER J. HOWSON FLORIDA LICENSED SURVEYOR & MAPPER NO. 6553

THIS SUPPLEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL PAISED SEAL OF A FLORIDA LICENSED SUPPLEYOR AND MARRED (CERTIFICATE OF ALITHORIZATION NO. LR 8071)

REVISION ADD "AS SURVEYED" DESCRIPTIONS 07/27/21 CJH REVISED PARCEL 10 CJH 21-03 09/09/21 KLJ ADD TOPOGRAPHY CJH 01/18/22 CJH ADDRESS STAFF COMMENTS CJH 09/21/22 M.A. ADD TOPOGRAPHY ALONG S.W. 85TH STREET



LOCATED IN SECTIONS 10 & 15, TOWNSHIP 16 SOUTH, RANGE 21 FAST

MARION COUNTY, FLORIDA

PLAT OF				
BOUNDARY & TOPOGRAPHIC SURVEY				
-FOR-				
FREEDOM COMMONS DEVELOPMENT, LLC				

FB/PG		FIELD DATE		JOB NO. 210239TOPORADD2	Г
21-2/59		03/03/2021			
DRAWING DATE		BY	APPROVED	SCALF.	
07/01/2021	-	A.A.	CJH	1" = 400'	L



