1 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.4.C - Discharge Conditions

STATUS OF REVIEW: INFO

REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"

2 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.2.B(6) - Freeboard

STATUS OF REVIEW: INFO

REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"

3 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.2.B(8) - Calculation & Plan Consistency

STATUS OF REVIEW: INFO

REMARKS: This criteria to be reviewed with resubmittal.

4 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.

5 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.

6 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.

7 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: 9/25/25-add waivers if requested in future

8 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.

9 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.14.2.A(1) - Public water service area/provider

STATUS OF REVIEW: INFO

REMARKS: Currently served by Marion County Utilities with separate master meters on site. The proposed project is located behind the master meter for the cabins, and will remain private.

10 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.14.2.A(1) - Public sewer service area/provider

STATUS OF REVIEW: INFO

REMARKS: Currently served by Marion County Utilities. The proposed project is located within the property boundaries, and the sewer infrastructure will remain private.

11 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.14.4 - Water (potable) Capital Charges and Flow Rates - proposed use identified to

calculate

STATUS OF REVIEW: INFO

REMARKS: Capital charges and flow rates will be calculated during the permitting stage, before approval.

12 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.14.4 - Sewer Capital Charges and Flow Rates - proposed use identified to calculate

STATUS OF REVIEW: INFO

REMARKS: Capital charges and flow rates will be calculated during the permitting stage, before approval.

13 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.15.3 - Fire Protection/Fire Flow Capacity

STATUS OF REVIEW: INFO

REMARKS: Water service will be provided by Marion County Utilities. Please consult with Marion County Fire Rescue for any additional comments or requirements related to fire protection.

14 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH

REVIEW ITEM: Operating Permit Required

STATUS OF REVIEW: INFO

REMARKS: Please provide any updated information to the Department of Health in regards to capacity changes, floor plans, and site plans for the property.

15 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH

REVIEW ITEM: Additional Health comments

STATUS OF REVIEW: INFO

REMARKS: Central Water/Central Sewer

Please provide updated capacity changes, floor plans, and site plans for the property to the Department of

Health in Marion County.

Send to Rebecca.Roy@FLHealth.gov

16 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.6 - Location of water and sewer. Does this need a special use permit?

STATUS OF REVIEW: INFO

REMARKS: Defer to comments from MCU

17 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.27 - Show location of outside storage areas

STATUS OF REVIEW: INFO

REMARKS: Will there be outside storage proposed with this project?

18 DEPARTMENT: ENRAA - ACQ AGENT ENG ROW

REVIEW ITEM: Major Site Plan STATUS OF REVIEW: INFO

REMARKS: This plan abuts the NE 35th St PH 4 (including NE 55th Ave) project. SunBiz matched. -EMW

9.19.25

IF APPLICABLE:

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]."

19 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 2.12.8 - Topographical Contours

STATUS OF REVIEW: NO

REMARKS: LDC requires that the survey have been performed in the last 12 months and for one-foot contours extend 100 feet beyond the project boundary. In this case, stormwater staff would support a waiver. However, check with the County Surveyor and/or the survey reviewer to ensure they will support a waiver.

20 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.2.B(4) - Hydrologic Analysis

STATUS OF REVIEW: NO

REMARKS: Please clarify that the calculations and statement regarding meeting discharge conditions are reflective of the modified as-built condition of the DRA as it was constructed. The DRA was not constructed per the original design plans. Pre and post analysis, along with "de minimus" impact claim need to be verified using as-built conditions.

21 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: Please provide a final signed and sealed hard copy signature page with references to the stormwater analysis or final hard copy of the full stormwater analysis.

STATUS OF REVIEW: NO

REMARKS: After all stormwater comments are resolved, please upload a digitally signed and sealed report. A hard copy signed and sealed report can be submitted if desired.

22 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: Marion County Utilities Contact Information

STATUS OF REVIEW: NO

REMARKS: Add to Cover Page - Marion County Utilities, Customer Service 24/7/365, Address: 11800 US-

441, Belleview, FL 34420, Phone: (352) 307-6000

23 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.15.4 - Water Main Piping Installation

STATUS OF REVIEW: NO

REMARKS: 9/24/25 - 06.01 - Note 5: MCU is responsible only up to and including the meter and isolation

valve for the fire line. All downstream piping shall be privately owned and maintained

24 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: 6.15.5 - Water Service and Connection

STATUS OF REVIEW: NO

REMARKS: 9/24/25 – MCU requests as-built plans of the parcel showing MCU water and sewer

infrastructure from the connection point to the meters.

25 DEPARTMENT: UTIL - MARION COUNTY UTILITIES

REVIEW ITEM: Additional Utilities comments

STATUS OF REVIEW: NO

REMARKS: 9/24/25 - Please provide an updated phasing plan.

26 DEPARTMENT: ENGSUR - SURVEY REVIEW

REVIEW ITEM: 2.12.8 - Provide current boundary and topographic survey less than one year old

STATUS OF REVIEW: NO

REMARKS: Please provide updated survey.

27 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.24 - Landscape requirements/6.8.6 - Buffering

STATUS OF REVIEW: NO

REMARKS: Northern buffer missing.

28 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.32 - Modified Environmental Assessment for Listed Species (LDC 6.5.4) -OR- EALS Exemption Application (LDC 6.5.3) submitted (including habitat assessment as necessary per LDC 6.6.4)

STATUS OF REVIEW: NO

REMARKS: An approved EALS/EALS-ER shall be valid for two years. Submitted document dated August

2023.

29 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.19 - Provide dimensions and location of all existing site improvements; dimensions

and location for all proposed site improvements with all setbacks

STATUS OF REVIEW: NO

REMARKS: Include dimensions of proposed cabins.



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: 10/13/2025 Parcel Number(s): 2	4105-000-00		Permit Number: 3	3345
A.	PROJECT INFORMATION: Fill in be	low as applicable	:		
	Project Name: The Guest House Phase 2	2D		Commercial 🗸	Residential
				commercial	
	Subdivision Name (if applicable): UnitBlockLot	Tract			
В.	PROPERTY OWNER'S AUTHORIZA owner's behalf for this waiver request. To owner, or original signature below.				
	Name (print): Crane Property Holdings,	LLC			
	Signature:				
	Mailing Address: 4602 SE 15th St			City: Ocala	
	State: FL Zip Code: 34471	Phone #_ 352	-387-4540		
	Email address:				
	Firm Name (if applicable): Tillman and Mailing Address: 1720 SE 16th Ave., Bldg 10 State: FL Zip Code: 34471	10		t Name: Jeffrey McPherson, F	P.E.
	Email address: permits@tillmaneng.com				
D.	WAIVER INFORMATION: Section & Title of Code (be specific): 6.8 Reason/Justification for Request (be specific) and discussion with Zoning staff, a waiver is professional in lieu of a full EALS. The si area. No other listed species have been	rific): The EALS being requested te inspection will	expired a few da to allow for a site verify if any gop	ays before the initial sub inspection and letter fro her tortoises have move	mittal. Per om a wildlife
DE	EVELOPMENT REVIEW USE:			2025000014	22245
	eceived By: 10/14/2025 Date Processed:	10/14/2025	Project #	2025090014	AR #33345
7 0	ONING USE: Parcel of record: Yes □ Noned: ESOZ: P.O.M ate Reviewed: Verified by (Land Us	Eligible to ap	ply for Family Division Plat Vacation Required	1: Yes □ No □ 1: Yes □ No □

Revised 6/2021



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

Section & Title of Code (be specific) 2.12.8 - Current boundary and topographic survey less than one year old
Reason/Justification for Request (be specific): A waiver is requested for survey more than 12 months old. The project
area remains consistent with the site topographic survey, dated August 2022, and as-built survey, dated July 2023.
Section & Title of Code (be specific)
Reason/Justification for Request (be specific):
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Reason/Justification for Request (be specific):

Revised 6/2021

MCBCC Interactive Map - Internal



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, @ OpenStreetMap contributors, and the GIS User Community, Marion County BOCC

APPROVED WAIVERS

AFFROVED WAIVERS

SECTION 612: SIDEWALK

Waiver for the in-based allowable along as 35th street and
appeared after for the internal curve of the residential
appeared are wire for the internal arece of the residential
SECTION 612-85: SPEED LIMIT

Waiver for the minimum deging speed
SECTION 614-86-D2-31: CROSS PARAMETER ACCESS
SECTION 614-86-D2-31: CROSS PARAMETER ACCESS
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SECTION 612-2: SECONT OF -WAY WIDTH
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SECTION 512 to SEC. SECONT OF -WAY WIDTH
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the right of the plant submittal. 11-21-2016 11-21-2016

11-21-2016

the major site plan submittal. $\underline{SECTION~6.12.6-ROADWAY~FLOODING~LEVEL~OF~SERVICE~(APPROVED)}$ SECTION 613 2 A/9) a ACCESS ACCOMMODATES STORMWATER (APPROVED)

SECTION 6.8.6 - APPROVED BUFFERS ALONG THE ROADS AS DISCUSSED 07-24-2017

THE GUEST HOUSE OCALA PHASE 2D

SECTION 01, TOWNSHIP 15 SOUTH, RANGE 22 EAST MARION COUNTY, FLORIDA

> PARCEL 24105-000-00 ZONING: PUD LAND USE: MR / HR SITE ADDRESS: 3230 NE 54TH CIR SILVER SPRINGS, FL 34488

EXISTING IMPERVIOUS: 103,808 SF (2.38 AC) PROPOSED IMPERVIOUS: 3,673 SF (0.08 AC) TOTAL IMPERVIOUS: 107,481 SF (2.47 AC)

INDEX OF SHEETS

COVER SHEET AERIAL PHOTOGRAPH GEOMETRY PLAN 04.01 GEOMETRY PLAN 05.01 GRADING PLAN 06.01 UTILITY PLAN 07.01-07.02 UTILITY DETAILS EROSION CONTROL

EROSION CONTROL DETAILS

BOUNDARY, TOPOGRAPHIC, & TREE SURVEY (PREPARED BY PREECE LAND SURVEYING, INC.)

- ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIALS REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE MARION COUNTY LAND DEVELOPMENT CODE AND THE MARION COUNTY UTILITY ANNIAL AS A PRILCABLE
- A PERMIT MUST BE OBTAINED FROM MARION COUNTY TRANSPORTATION DEPARTMENT (ROW DIVISION) PRIOR TO COMMENCMENT OF ANY WORK IN THE COUNTY BOW
- THIS PROJECT HAS NOT REEN GRANTED CONCURRENCY APPROVAL AND/OR GRANTED AND/OR RESERVED ANY THIS TROJECT HIS NOT DEED SINGLE DEVELOP THE PROPERTY ARE SUBJECT TO A DEFERRED CONCURRENCY DETERMINATION, AND FINAL APPROVAL TO DEVELOP THE PROPERTY ARE SUBJECT TO A DEFERRED CONCURRENCY OF CONCURRENCY REVIEW AND FINAL APPROVAL TO DEVELOP THE PROPERTY HAS NOT BEEN OBTAINED. THE COMPLETING OF CONCURRENCY REVIEW AND/OR APPROVAL HAS BEEN DEFERRED TO LATER DEVELOPMENT REVIEW STAGES. SUCH AS, BUT NOT LIMITED TO, BUILDING PERMIT REVIEW.
- THIS SITE IS LOCATED WITHIN THE PRIMARY SPRINGS PROTECTION OVERLAY ZONE (SPOZ), AND OUTSIDE THE ENVIRONMENTALLY SENSITIVE OVERLAY ZONE (SPOZ) FOR SILVER SPRINGS.
- NO CHANGE TO WORK AS SHOWN ON THE APPROVED PLANS SHALL BE MADE WITHOUT NOTIFICATION TO AND APPROVAL BY THE OFFICE OF THE COUNTY ENGINEER.
- FIRE PROTECTION WILL BE PROVIDED BY CENTRAL WATER SYSTEM
- 8. DOMESTIC SEWER SERVICE TO BE PROVIDED BY CENTRAL SEWER SYSTEM SUPPLIED BY MARION COUNTY UTILITIES.
- 9. ALL PROPOSED ROADS AND STORMWATER FACILITIES WILL BE PRIVATELY MAINTAINED

VERTICAL DATUM

NORTH AMERICAN VERTICAL DATUM OF 1988 BASED ON THE CITY OF OCALA ENGINEERING DEPARTMENTS CONTROL POINT 0023, ELEVATION = 67.45.

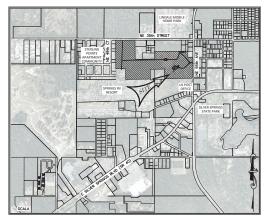
 $FLORIDASTATE PLANE \ WEST \ BASED \ ON \ THE CITY OF OCALA \ ENGINEERING \ DEPARTMENTS \ CONTROL \ POINTS \ 0023 \ AND \ 0024, NAD83 \ (2008 \ ADJUSTMENT).$

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OWNER/DEVELOPER: CRANE PROPERTY HOLDINGS, LLC JUDITH CRANE, RICHARD FUNGAROLI 4602 SE 15th ST OCALA, FL 34471 PHONE: (352) 857-9553

CIVIL ENGINEER: TILLMAN AND ASSOCIATES ENGINEERING, LLC CONTACT: JEREMY WILCOX, P.E. 1720 SE 16th AVE BLDG 100 OCALA, FLORIDA 34471

PREECE LAND SURVEYING, INC GLEN H. PREECE JR., P.S.M. 2201 S.E. 30th AVENUE, SUITE 102 OCALA FLORIDA 34471 PHONE: (352) 387-4540 PHONE: (352) 351-0091 (352) 387-4545 (352) 351-0093



VICINITY MAP SCALE: 1" = 1.000°





PERMITS:

- MARION COUNTY MAJOR SITE PLAN
- SIRWMD ERF
- FDEP WATER

I HEREBY CERTIFY THAT THE SURVEY REPRESENTED HEREON IS IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE LDC AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS.

OWNER CERTIFICATION

I HEREBY CERTIFY THAT I, MY SUCCESSORS, AND ASSIGNS SHALL PERPETUALLY MAINTAIN THE IMPROVEMENTS AS SHOWN WITHIN THESE PLANS.

ENGINEER CERTIFICATION

THE DRAINAGE FACILITIES INCORPORATED INTO THIS PLAN ARE SUFFICIENT IN SIZE AND LOCATION TO ACCOMMODATE THE RUNOFF GENERATED BY THE DEVELOPMENT AND ARE DESIGNED IN ACCORDANCE WITH THE APPLICABLE STANDARDS SIZE FORTH IN CHAPTER 8.290 FITHE MARION COUNTY LAND DEVELOPMENT CODE. ALL OF THE ADJACENT PROPERTIES WILL BE PROTECTED FROM STORM WATER DAMAGE AS A RESULT OF THIS PROPOSED DEVELOPMENT. THE S.J.R.W.M.D. HAS NOT

THE WATER AND WASTEWATER FACILITIES DESIGNED FOR THIS PROJECT ARE SUFFICIENT IN SIZE AND LOCATION TO ACCOMMODATE THIS DEVELOPMENT. ALL ROAD INTERSECTIONS IN THIS DEVELOPMENT MEET OR EXCEED THE DESIGN REQUIREMENTS FOR SIGHT DISTANCE AS ESTABLISHED BY AASHTO POLICIES AND P.D.O.T. SITE IMPACT HANDBOOK.

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

JEFFREY M. McPHERSON, P.E. Registered Engineer No. 69905

COVER SHEET

MAJOR SITE PLAN THE GUEST HOUSE - PHASE 2D MARION COUNTY, FLORIDA

DATE 09-11-2 CHKD. BY <u>JMM</u> JOB NO. <u>25-0128</u>

01.01

SPALL NOTES. INDIES ON THIS SHEET ARE GENERAL IN NATURE, ALL NOTATION AND INFORMATION IN SURSEQUENT SHEETS SHALL SUPERCEDE THESE NOTES IF

- THE CONTRACTOR SHALL BE RESPONSELE FOR RELD VERRICATION OF SZE AND LOCATION OF ALL EXISTING UTILITIES AND RELATED CONSTRUCTION MIGHT TO CONVENCEMENT ON WORK COMMERCEMENT ON WORK COMMERCEMENT OF SHALL CONTRACT SUMMENTS STATE ONE CALL OF FLORIDA, INC. AT 1300-453-4739, IN ACORDISMOSE WITH HAVIPER SSE, FLORIDA STATUTES.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST STANDARDS OF MARKON COUNTY AND FOOT
- PAYEMENT STRIPING TO BE IN ACCORDANCE WITH <u>MARRON COUNTY</u> SPECIFICATIONS AND WITH THE FLORID STANDARDS, RODEX 17346.
- ALL TRACTIC CONTROL SIGNS SHALL RE IN ACCORDANCE WITH THE MANUAL ON LINEOUS TRACTIC CONTROL DEVICES
- WHERE MUCK OR OTHER ORGANIC MATERIAL IS FOUND, IT SHALL BE REMOVED AND REPLACED BY GOOD QUALITY BACKFILL MATERIAL OBTAINED FROM THE GRAZING OPPATIONS OR OTHER SOURCE APPROVED BY THE ENGINEER. THE ORGANIC MATERIAL SHALL BE THEN USED AS TOP DRESSING MURPH MOSTO WITH OLD MIX SALVEY OF U.S.
- ALL FINISHED GRADES AND ELEVATIONS ARE AS DENOTED BY THE APPLICABLE LEGENC 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 NOTIFE <u>MARROW COUNTY</u> ENGINEERING DY BLOW AND TILLMAN AND ASSOCIATES ENGINEERING, LIC AT LEAST OME WEEK BEFORE COMMENCEMENT OF AMY CONSTRUCTION. CONTRACTOR SHALL OBTAIN A MARROW COUNTY BY WEEMIT PRIOR TO CONVENEIGNS WORK WITHIN MARROW COUNTY BY WEEMIT PRIOR TO CONVENEIGNS.
- A PRE-CONSTRUCTION MEETING IS REQUIRED PRIDE TO COMMUNICEMENT OF CONSTRUCTION.
- FER SECTION 63-373, CODE OF DISDINANCES: FOR ANY WORK WITHIN FUSION RIGHT OF WAYS, A RIGHT OF WAY UTLIZATION PERMIT MUST BE DISTANCO FROM THE ENGINEERING DEPARTMENT A MINIMUM OF 48 HOURS FROM TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMITTHREE [3] SETS OF STANDARD SHOP DRAWINGS AND MARKUFACTURERS CATALOGS WITH THE MODEL NUMBER OR TYPE OF THE ITEM INTERCED OR OTHERWISE DESIGNATED. THE SUBMITTALS SHALL BEAR THE APPROVAL OF THE UNDERSOUND UTILITY OWNER OF THE UTILITY OWNER OR ANALYSES AND ANALYSES THE SUBMITTALS SHALL BEAR THE APPROVAL OF THE UNDERSOUNDS AND ANALYSES.
- ALL AS-BULES SHALL COMPLY WITH THE CURRENT LDC, SECTION 6.34 S AND RETURNED IN NAMES W. FORMAT WITH NORTHING AND EASTING COORDINATES FOR ALL TEAMS UNDER WATER AND INASTRINATES COMPONENTS.
- MCU PERSONNEL ARE TO INSPECT ANY WORK PERFORMED ON OR AROUND DESTING MCU INFRASTRUCTURE. A PRE-CONSTRUCTION MEETING IS REQUIRED TO BE RELD. ANY WORK MAY BE HATED. TO SOFTEDUE. CONTINCT ON A PROPERTY CONSTRUCTION IN FER PRE-CONSTRUCTION MEETING IS NOT COMPLETED. ANY WORK MAY BE HATED. TO SOFTEDUE. CONTINCT MOVIS CONSTRUCTION OFFICER AT \$25.500-5653.
- ALL UTILITIES UNDER EXISTING OR PROPOSED PRIVEMENT SHALL BE SLEEVED IN ACCORDANCE WITH SECTION 8-2-6A OF THE MAKING COUNTY LAND DEVELOPMENT CODE.

- PAVING AND DRAINAGE NOTES

 **** *** | FANTHS SHOWN REPRESENT SCALED DISTANCE BETWEEN CENTERLINES OF DIVANAGE STRUCTURES. ALL PALEMENT RETURN BADD SHALL BE 28' AND MEASURED FROM THE INTERFACE OF THE CONCRETE CURB AND PAVEMENT SURFACE UNLESS OTHERWISE MOTTO.
- DITCH BOTTOM AND CONTROL STRUCTURE INLET GRATES SHALL BE SECURED WITH CHAIN AND EYEBOLT
- TOP ELEVATIONS OF MANHOLES IN GRASSED AREAS SHALL BE LOCATED AT FINISHED GRADE ELEVATION.
- AS AN ALTERNATIVE, CONTRACTOR MAY LOS ALTERNATIVE PRE MATERIAS DI LEU OF INC. HORBITE CONTRACTOR MAST RECEIVE AMPRIONA, OF ALTERNATIVE APPRIANT RECEIVE AMPRIONA, OF ALTERNATIVE AND WITHOUT CONSTRUCTION. OF TO PRODUCE USING AN OFFICE AMPRIONAL OF ALTERNATIVE AND ALTERNATIVE APPLICATION AND ALTERNATIVE AND ALTERNATIVE AND ALTERNATIVE AND ALTERNATIVE APPLICATION AND ALTERNATIVE AND ALTERNATIVE APPLICATION AND ALTERNATIVE AND ALTERNATIVE APPLICATION AND ALTERNATIVE APPLICATION AND ALTERNATIVE APPLICATION AND ALTERNATIVE APPLICATION AND ALTERNATIVE APPLICATION AND ALTERNATIVE AND ALTERNATIVE APPLICATION AND ALTERNATIVE APPLICATION AND ALTERNATIVE APPLICATION AND ALTERNATIVE AND ALTERNATIVE APPLICATION AND
- TOP SOIL WHICH HAS BEEN STRIPPED AND STOCK PLED DURING THE COURSE OF CONSTRUCTION SHALL BE REDISTRIBUTED ON ALL REGRADED SURFACES SO AS TO PROVIDE AT LEAST FOUR INCHES OF EVEN COVER TO ALL DISTURBED AREAS OF THE DEVELOPMENT AND SHALL BE STABULZED BY SHADING OR SHADING.
- ALL DISTURBED AREAS WITH SLOPES UP TO 6:3 SHALL BE SEEDED AND MULCHED. SLOPES STEEPER THAN 6:1 SHALL BE SODDED AND SLOPES 3:1 OR STEEPER SHALL HAVE THE SOD PEOSED.
- O. SEE TABLE 2.0 FOR REQUIRED STORM PIPE COVER BENEATH AN UNPAYED SECTION.
- SEE TABLE 4 D FOR REQUIRED STORM PIPE COVER BENEATH FLEXIBLE PAVEMENT
- THE TRANSPORT AND THE TECHNICATION THE THEORY DEPOSIT OF THE THE TRANSPORT OF THE THEORY OF THEORY OF THE THEORY O
- ALL STORM PIPE LOWES SHALL BE WRAPPED AS SPECIFIED IN FOOT INDEX 280.
- THE LAST FOOT OF STORM WATER POND SHALL NOT BE EXCAVATED UNTIL ALL DISTURBED AREAS ARE STABILIZED.
- ANY FILL MATERIAL MUST BE APPROVED BY ENGINEER IN WRITING PRICE TO PLACEMENT
- SIGNIFICANT CAPE MUST BE TAKEN WHEN GRADING RETENTION POINTS TO ENSURE THAT POIND BOTTONS DO NOT BECOME COMPACTED DURING CONSTRUCTION OF SKALED BY CONSTRUCTION STORMEN. IF SECHMENTATION OR COMPACTION OF A POIND BOTTON OCCURS, IT WILL BE THE

FIRE DEPARTMENT

- INSTRUCTED ON THE PROPERTY WILL BE CONSTRUCTED UNDER THE 7TH EDITION OF FLORIDA FIRE PREVENTION CODE
- FER MARRON COUNTY CRITERIA:
 THE INTERNITS MUST BE LOCATED SO AS NOT TO REQUIRE THE LAYING OF MORE THAN FOUR-HUNDRED
 (40) FERT OF HOSE CONNECTED TO SUCH HYDRAYT, ALONG THE NEAREST PUBLIC REACT OF HAY, TO THE
 CUSTRES OF ANY BUILD MUSE. LOT OR PARCEL IN THE DIVISIONMENT.
- ANY NEW HYDRAYTS MUST SE ASLE TO SUPPLY 1600 G.P.M. OF WATER AT 20 P.S.L.AT ANY TIME OF THE DAY. ANY NEW HYDRAYTS SHALL SETSIFIED BY THE CONTRACTION IN THE PRESENCE OF THE FIRE CEPARTMENT PRICE TO APPROVAL OF THE FIRE HYDRAYTS SY THE FIRE CHORANCE CONTRACTION CODE.
- EACH NEW TIRE HYDRAWT SHALL BE CLOW MEDALLION WITH TOPS AND BONNETS POWDER COATED FROM FACTORY, SAFETY BLUE,
- WHERE UNDERGROUND WATER MAINS AND INTERANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK. (THEEDIDGN OF FLORIGA FIRE PREVIOUS NO.
- THE ACCESS ROADS SHALL REMAIN CLEAR OF VEHICLEAR OBSTRUCTIONS TO ALLOW ACCESS OF FINE DEPARTMENT UNITS WHILE THE BUILDINGS ARE BEING CONSTRUCTED, (THE EDITION OF FLORIDA THE PREVENTION CODE)
- F LAND CLEARING OPERATIONS REQUIRE BURNING, A BURN PERINT MUST BE OBTAINED FROM THE DEPARTMENT OF FORESTRY PRIOR TO BURNING MY MATERIAL.
- ANY NEW FIRE HYDRANT INSTALLED MUST BE FLOWED & PAINTED BY CONTRACTOR PER NEPA 284 DINCE ALL NEW HYDRANTS HAVE BEEN INSTALLED. AND PAYMED PER NEPA 281 BY A THISD PARTY CONTRACTOR, AT THISD PARTY CONTRACTOR MY, I.PROYDE THE MARKEN COUNTY FIRE PREMATIKAL OFFOR THE HYDRANT FLOWERS.

FORCE MAIN NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN COMPLIANCE WITH THE MANON COUNTY LDC FOR FORCE MAIN CONSTRUCTION. ALL FORCE MAIN CONSTRUCTION AND MATERIALS TO SE OWNED AND MAINTAINED BY MARKON COUNTY UTUITIES.
- PIPE LENGTHS SHOWN IN REPRESENT SCALED DISTANCES BETWEEN FITTINGS OF BRANCHES AND MAINS.
- YALVES SHALL BE COLIFIED WITH AN ADJUSTABLE CAST IRON VALVE BOX WITH COVER, WITH THREADED EXTENSIONS WHERE NEEDED, UNLESS OTHERMISE NOTED.
- ALL PICE FORCE WITH SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS, MARKED WITH THE SEAL OF APPROVAL OF THE MATICIANAL SHATTATION FOUNCATION (NIFE).
- ALL ROMERTALIC PROCESSING SHALL BE RETAILED WITH A CONTRICATE, PRICE ATTO DE GAMES DATE CORE CORPETANTE.

 PRIVALE DETECTION OF TOO FOR THE PRICE CONTRIVENCES, SET ENABLED ROWNINGS, FAND THAT ALL POR TOOKS MANS.

 SHALL BE STHEMER A COLD DESENDACTION OF WHITE WITH CHEEN LETTERING AND LETTERING SHALL PRICE LIGHT OF THE ADD.

 SHALL BROWNER LIGHT LIGHT OF THE LETTERING SHALL READ AS IS ACCURATE OF THE HETTERING SHALL READ AS IN CONTRICT OF THE METHOD USE.
- HYDROSTATIC A LEAKAGE TESTING OF THE FORCE MAIN SHALL BE DONE IN ACCORDANCE WITH THE AWAY STANDARDS, HYDROSTATIC TESTING TO BE DONE IN ACCORDANCE WITH AWAY CARD.
- PPE MATERIA.S:

 PPG -BALL BE ANALIFACTURED IN ACCORDANCE RITH ANNA STANDARD CRIC LATEST EXPIDION. THE PACPPG -BALL BE ANALIFACTURED IN ACCORDANCE RITH ANNA STANDARD CRIC LATEST EXPIDION. THE PACPPG -BALL BEACH AND AND AND AND APPECTATION OF THE PACE ANALITY OF THE PACE AND ADDRESS AND ADDR
- AIR RELEASE VALVES SHALL BE REQUIRED AT ALL HIGH POINTS IN THE PROPOSED FORCE MAIN, AS SHOWN ON PLANS, HIGH POINTS IN THE POINCE MAIN ARE DEFINED AS A CHANGE IN ELEVATION TWICE THE DIAMETER OF THE PIPE.
- ALL FORCE MAINS TO BE CONSTRUCTED WITH A MINIMUM OF 4 FEET OF COVER,

WATER MAIN CONSTRUCTION NOTES ALL CONSTRUCTION AND MATERIALS SHALL BE IN COMPLIANCE WITH NAWIN STANDARDS AS WELL AS THE MANNO COUNTY LOC FOR WATER MAIN CONSTRUCTION.

- 2. ALL WATER MAIN CONSTRUCTION AND MATERIALS WITHIN RIVE OR EASEMENT TO BE DWINED AND MAINTAINED BY MARION COUNTY UTILITIES.
- SEPARATION REQUIREMENTS (SEE TABLE 1.0-UTIUTY SEPARATIONS)
- 1.1. HORIZONTAL SEPARATION BETWEEN UNDERSEGUED WATER NAMES, SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES AND ON-SITE SEWIAGE TREATMENT AND DISPOSAL SYSTEMS:

- 2.21. AT THE UNITED TO CONTRICE DESCRIBED BY THE ACCOUNT OF TRANSPARCE OF THE THE THE ACCOUNT OF THE ACCOUNT OF
- NO WATER MAIN SHALL PASS THROUGH OR COME INTO CONTACT WITH ANY PART OF A SANITARY SEWER. MARRIDLE OR A STORM SEWER MARRIDLE.
- 14. THE OFFICE THE OFFICE THE WEST THE WEST DEFINED SHAPE SHAPE AND THE CONTROL THE THE WHAT HE CONTROL THE THE WEST DEFINED SHAPE AND THE CONTROL THE WEST DEFINED SHAPE AND THE CONTROL THE WEST DEFINED SHAPE AND THE CONTROL THE WEST DEFINED SHAPE AND THE WEST
- 4. PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN FITTINGS OF BRANCHES AND MAINS.
- DEFLECTIONS AT PIPE JOINTS SHALL NOT EXCEED THOSE RECONVINENDED BY THE PIPE MANUFACTURE
- 6. ALL GATE VALVES SHALL BE EQUIPPED WITH AN ADJUSTABLE DAST INDIVIDUAL BOX WITH COVER, WITH THREADED EXTENSION WHERE NEEDED
- ALL PUBLIC WATER SYSTEMS CONFORMENTS, EXCLUDING HISE HITERAMTS, THAT SHALL BE INSTALLED LIMBER THIS PROJECT, AND THAT SHALL COME INTO CONTACT WITH OPINIONS WATER SHALL CONFORM TO NSE INTERNATIONAL STANDARD 61 AND SHALL BE MARKED WITH NSF SEAL OF 2000/1/41.
- AL PRE MONTHE ETTINGS INSTALLID INSIGN THIS FROICT SHALL BE COLOR CORED MANNED IN ACCREMINE WITH SIGNAMLALANI-AL PRE MONTHE ETTINGS INSTALLID IN SIGNAM SIZE A PRESCRIPTION OF SIZE ALL STATE AND WATER MANN SIZE ALL BE MANNED WITH ACCOUNTING OF STATE (LOCATION SIZE ALL DES SIZE ALL STATE SALVING IN ACCOUNTING OF SIZE ALL STATE AND ALL STATE ALL

- PPE MATERIALS: ALL PPES, PPE FITTINGS, PIPE IONT PACENG AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS, AND METERS INSTALLED
 UNDER THIS PROJECT SHALL COMPONE TO APPLICABLE NAMES STANDARDS.
- THE PROPERTY OF THE PROPERTY O
- 13. THE HYDRANT LEADS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 6" AND SHALL INCLUDE AN AUXILIARY VALVE.
- IF AGGRESSIVE SOIL CONDITIONS ARE FOUND DURING CONSTRUCTION, WATER MARKS SHALL BE PROTECTED THROUGH THE USE OF CORROSION BESISTANT MATERNAS, THROUGH ENCAGEMENT OF THE WATER MARKS IN POLYETHILEM, OR THEOLOGY PROVISION OF CATHODIC PROTECTION. ALL PIPE AND PIPE RITTINGS INSTALLED UNDER THIS PROJECT SHALBE "LEAD FREE" AS DEFINED IN THE LATEST VERSION OF THE SAFE WATER DENINGRIG ACT.
- 16. WHERE NEW OR ALTERED DEAD-END WATER MAINS INCLUDED IN THIS PROJECT CANNOT BE AVOIDED, THEY SHALL BE PROVIDED WITH A FIRE FLUSHING HISDANIT OR BLOW-OFF FOR FLUSHING PURPOSES.
- 12. ALL THE PROPARES THAN WHILE ENSYMBLED AND REPORT SHALL BLOCKED AT LESS THESE THE FROM AND DOSTROS OF PROPARES
 STORM AWARE THE SHAM WATER THOSE WALKEN, FROM ENGINEER SHALL BLOCKED AT LESS AND LESS AND THE CONCENTRATION OF THE CONCENTRATI
- PROPROSED FIRE HYDRANTS CONNECTED TO THE POTAGLE WATER MAIN, FOR THIS PROJECT, SHALL BE PAINTED FER NEPA AND AWWA STAMDARDS
 FIRE HYDRANTS CONNECTED TO THE DESIGNATED FIRE LINE SHALL BE PAINTED FOR LURISDICTION. 18. LET AND REFERENCE ADMINISTRATION OF THE RESERVE OF THE PROBLEM OF THE RESERVE OF THE RESERVE
- 20. THE OPEN END OF THE AIR RELIEF PIPE FROM ALL AUTOMATIC AIR RELIEF WAXES WILL BE EXTENDED TO AT LEAST ONE FOOT ABOVE GRADE AND WILL BE PROVIDED WITH A SCREENED, DOWNWARD FACING ELBOW. (FAC 62.555.320(21)(s) 3, AND RSWW 8.4.2)
- 23. A CONTINUOU AND INSPON RECORD WILL BE POUND IN TENENESS TO UNEGOCIOUPER ALOCAL MATERIA WILL BE TAMERON AURIS ANDIQUID REGISTROMO BETTO ACCIONATE SUPERFORM DO RECORDE FOR ALL DISPATATION SECTIONAL COLOR CONTINUOUS ANNI ALBERT ANNI A STANDARD CON MANUFACTURES' RECOMMENDED INSTALLATION PROCEDURES FOUND IN TRIBUCIOS WILL BE REMOVE A REPORT OF A TLAST OF SINCHES EXON THE BOTTOM OF UNDERGOLOGOUS PLANS COLOS AND STANDARD WILL BE REMOVED.
- ALL WIATER MAIN TEES, BENDS, PLUGS, AND HYDRANTS WILL BE PROVIDED WITH THRUST BLOCKS OR RESTRAINED JOINTS TO PREVENT MICA [FAC 62-555, 120(21)(61), AND RISWAY E.S.4]
- 23. THE MINIMUM COVER TO BE PROVIDED OVER POTABLE WATER LINES SHALL BE 3'.
- SITE HAS **NO KNOWN** AGRESSIAN SOILS DE CONTAMINATED BY LOW MOLECULAN-WEIGHT PETROLEUM PRODUCTS OR DRIGANIC SOLVENTS WHERE WITER MAINS WILL BE INSTALLED. [32-555.520(4):0) TOLEFA.C.]
- 27. PYE WAITE MAINS THAT HAVE AN INSIDE CRAMETER OF 31°CH GREATER, SHALL BE INSTALLED, PRESURE, AND LEAK TESTED IN ACCOMMANCE MY MANAK STANDARD COES AND DUCTUE BOTH WAITER MARKS IN ACCOMMANCE WITH ARRANG COES, \$255,2002(1)(1)). AND 62°55,3302(1)(1). INSTALLATION, TESTER, AND ROTH DEPCELURES MUST IN PROVIDED AND MUST COMPORN TO IN PARCHALER ARMAN STANDARDS.

- SANITARY SEWER NOTES

 MAINTENAS AND CONSTRUCTION SHALL BE INCOMPLIANCE WITH THE MARROW COUNTY LDC FOR WASTEWATER CONSTRUCTION. ALL SAN TWAY SEWER CONSTRUCTION AND MATERIALS WITHIN YOUR CASEMENT TO BE OWNED AND MANUFACHED BY MUTHINES.
- ALL MANHOLES SHALL BE 4 FT, INSIDE DIAMETER.
- 4. PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN MANHOLE CENTERLINE.
- ALL SANTARY SERVICE LATERALS SHALL BE 6 INCH DIAMETER, UNLESS SPECIFIED OTHERWISE ON PLANS.
- INVERTS OF SANTARY SERVICE LATERALS AT THEIR CONNECTION TO SANTARY MARRILES SHALL BE NO MORE THAN ONE (1) FOOT ABOVE THE MARRICLE RIVERT.
- MINIMUM AS BULLT 8' PVC SEVER LINE SLOPE WILL BE 0.40% MINIMUM SLOPE OR WILL BE RELAID BY CONTRACTOR TO MEET THE MINIMUM SLOPE RECORDMENT AT NO ADDITIONAL COST.
- 8. PPE MATERIAL IS ASTM DXXM, SOR-26 UNLESS OTHERWISE NOTED.
- 12. A MINIMAN 120'S SLOPE SHALL BE MAINTAINED ON THE SANTARY SEWER SERVICE LATERALS, AT NO TIME SHALL A SANTARY SEWER LATERAL HAVE A SLOPE OF 19'S OR GREATER.
- SANTARY SEMER GRAVITY MARS ARE TO BE UPGRADED IN MATERIAL TO WATER MAIN STANDARDS AND HYDROGITATICALLY PRESSURE TESTED WITH WATER TO DESKIE ZIMT TRIGHTESS IF ETHER OF THE HORIZONTAL OR NETTAL ADMINISTRAÇURS DESPANCE PROM A NATION HAD CARNOT BE WITHMED OR IT HE SEMER WAND IS ABOVE THE WITHTEN MAY LORGAGE TO MATERIAL CANNOT BE
- LEAKAGE TEST ARE SPECIFIED REQUIRING THAT
- A THE LEARNING THE THAT HOW ON HIS THATION DOES NOT EXCEED JOS GALLONS PER NOTION FOR ENWETER PER MARKET AND THE STATEMENT OF THE STATEMENT OF
- DEFLICTION TESTS SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDED STANDARDS FOR WASTEMATER FACILITIES.
 CHAPTER 2145, FOR ALL GRAVITY SANTAWY SEMER INSIS. TESTING IS RECOVERD AFTER THE FINAL BACKET, I MAS BEEN IN PLACE AT
 LEAST 20 CAN'S TO PERMET STANDARD FOR THE SOFT, PER STATEM RETRIFFACE RECOMMENTS SPECTY.
- 1) NO FIRE SHALL EXCESS AGENETION OF 9X.

 2) UNDO A MEDIBALL OR WARREL FOR THE FIPE CEFLECTION TESTS WITH A CAMETERN NOT LESS THAN MIS OF THE

 20 UNDO A MEDIBALL OR WARREL FOR THE FIPE CEFLECTION TESTS WITH A CAMETER NOT LESS THAN MIS OF THE

 AGENETICATION, NOLLOWS THE APPENDIX TO WHICH THE FIPE IS WITH A CAMETER THE STATION OF THE STATION OF THE FIPE IS WARREL FOR THE STATION OF THE STATION O
- 14. TESTING OF THE SEWAGE COLLECTION SYSTEM IS AS FOLLOWS:
 - A. ALL GRAWTY SEWER MAINS REQUIRE LOW PRESSURE AIR TESTING W ACCORDANCE WITH THE LATEST UNI-RELL STANDARD FOR LOW PRESSURE ARE TESTS, ARE TEST, AS A MINIMUM, SHALL COMPORM TO THE TEST PROCEDURES DESCRIBED IN ASTM SPECFACIONOS, ASTM 1447 FOR PLASTOR LOSS.
 - B. ALL SEWER MAINS SHALL BE LAWPED BY IN THE PRESENCE OF A MARION COUNTY REPRESENTATIVE.
 - ALL MANNIOLES SHALL BE INSPECTED FOR INFESTRATION, ALIGNMENT, R.OW CHANNEL CONSTRUCTION AND COAL TAX EPPER PAINT THROUGHOUT.
- E. DEFLECTION TEST ARE REQUIRED FOR ALL FLEXIBLE PIPE EXCLUDING FORCE MAINS. TESTS SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES OF MEASURED FROM THE INTERFACE TO THE CONCRETE CURB AMD PARKEMENT SYSTACE UNLESS OTHERWISE NOTE. 15. SANITARY SEWER SERVICES SHALL BE INSTALLED 10' FROM BACK OF CURB.
- 16. THE CONTRACTOR SHALL SUBMITTANEE [1] SITS OF CONFIDET DETAILED SHOP DEARWINGS FOR A CASTINGS, AND PUMPS. THE SUBMITTALS SHALL BLAR THE APPROVAL OF THE UNDERSCOROUT COMPLETE STOR THE LITT STATION LELECTACE AND DEPORTMENTS SI AND ENGLISHED IN APPLICATION. APPROVADE BY THE ENGINEER OF RECORD AND MARKON COUNTY. PRIOR TO CONSTRUCTION.

- REUSE NOTES

 1. ALL IRRIGATION, REUSE AND EFFLUENT REUSE PRING TO BE DWINED AND MAINTAINED BY MARRIM COUNTY SHALL BE A SOUD PURPLE COLOR.
- REUSE AND EFFLUENT REUSE MAINS SHALL BE PYC CONFORMING TO AWWA C-500, ER 18 FOR FPE 5225 4"-12". RPES LAISER THAN 12" SHALL BE AWWA COOL, BE IS ALL COUPLINGS, LICAMNO COMPOUNDS, SQUEETS, LIBERCANTS, AND PPE PREPARATION, FOR LAYING SHALL BE HAZCORDANCE WITH THE PRE MAINLACTURES LATES RECOMMENDATIONS.
- DEPTH OF BELISE AND EER LIENT BELISE LINES TO BE 36" BELOW FINISHED GRADE.
- ALL REUSE AND EFFLUENT REUSE MAINS UNDER PAVEMENT SHALL BE DUCTILE IRON PIPE AND SHALL EXTEND 5' BEYOND THE EDGE OF PAYEMENT OIL BACK OF CURE.
- 6. ALL IRRIGATION SLEEVING UNDER PAVEMENT SHALL EXTEND 5' BEYOND THE EDGE OF PAVEMENT OR BACK OF CURB.
- CONTROL CHARGE CONTRACTORS SHALL THAT ALL REASONABLE MEMOURES TO MISURE AGAINST POLIUTING, SILTING OR DISTURBING TO SUCH AN EXTERT AS TO CAME AN INCESSES IN TURBIGETY TO THE EXISTING SURFACE WATERS. SUCH AMOURES SHALL RE APPROADED FOR THE RECOCCE THANKIERS AND ANY INCLUSION, BUT DOWN UNITED THE CONSTRUCTION OF TEMPORARY EMOSION CONTROL STRUCTURES SUCH AS SEDIMENT MAKING, SEDIMENT CHICAS, OR SILT BARRIERS.
- CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION CONTROL PLAN. SODDING OF DETENTION POWDS SHOULD BE ACCOMPLISHED WITHIN 14 DAYS OF POND GRADING TO MINIMIZE FROSON POTENTIAL
- IF DURING CONSTRUCTION, THE PROPOSED PROSEDS WISHTEN COST NOT PRINCIPM SHITS/ACTORILY, INTERNATIVES AND ADDRESS PROTECTIONS SHALL BE INFORMATION OF THE CONTRACTOR IN CROSEN TO COMPAY WITH SUBJECT, AND ADDRESS PROTECTION CONTRACT, COSTS INCLUDING ANY DOSTS ASSOCIATED WITH COMPLIANCE INSUES. AND CHARTCHISM.

 ACTORISM.
- A 2 STRIP OF SOD SHALL BE PLACED BEHIND BACK OF CURB.
- ALL SODIED ANDIOR SEEDED AREAS MUST BE WATERED AS NECESSARY DURING CONSTRUCTION AND 2 MONTHS AFTER COMPLETION OF CONSTRUCTION IN CROSE TO ENSURE STABLIZATION AND SURVIVAL.





OTHER PIPE	HOPEZONTAL SEPARATION	CROSSINGS [1]	JOINT SPACING IP CROSSINGS (FULL JOINT CENTERED)
STORM SEWER, STORMWATER FORCE MAIN, RECLAIMED 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, MIMIMUM Water Main
VACUUM SANITARY SEWER	Water Main 10 ft. proferred 3 ft. reinimum	Water Main 12 inches is preferred 6 inches minimum	ALTERNATE 3 FT. NIMMUM 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 gravity sewer, then 6 inches is the minimum and 12 inches is preferred	ALTERNATE 6 FT. MIMMUM Water Male
ON-SITE SEWAGE TREATMENT	30 ft. minimum	-	-

- INCHES. RECUMBO WATER REGULATED UNDER PART II OF CHAPTER \$2.400, F.A.C.

 3. 3F. TO M GRAVITY SAMPLAY SEVER WHERE THE BOTTOM OF THE WATER MANUES LAD AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVI

 RECUMBO WATER NOT REGULATE UNDER PART II OF CHAPTER \$4.500, F.A.C.

- CONCURRENTLY WITH CONSTRUCTION PROGRESS, RECORD DRAWINGS SUBMITTED TO THE INSIGNEER AS PART OF THE PROJECT ACCEPTANCE SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS.
- L DRAININGS SHALL SHOW ACTUAL LOCATION OF ALL UNDERSHOUND AND ABOVE GROUND STORM DRAINAGE, WATER, REUSE AND WASTERWITE PRIPER OAD PELATE APPRICEMENT OF A LIPPART (CANADAS MILLURIAN SHAPPART AND A VERTAK AND A PRIPER THANKES SHALL BE CLEARLY SHOWN AND RETERMINED TO PERSHAMINED THE WASTERWAY AND A STREAMING TO PERSHAMINED THE WITHOUT AND A STREAMING SHALL ALSO SH
- DRAWINGS SHALL CLEARLY SHOW ALL FIELD CHANGES OF DIMENSION AND DETAIL INCLUDING CHANGES MADE BY FIELD CORDER OR BY CHANGE ORDER
- DRAWINGS SHALL CLEARLY SHOW ALL DETAILS NOT ON DRAGINAL CONTRACT DRAWINGS, BUT CONSTRUCTED IN THE FIELD. ALL EQUIPMENT AND PIPING RELOCATION SHALL BE
- LOCATION OF ALL INLETS AND MANHOLES, HITBRANTS, VALVES AND VALVE BOXES SHALL BE SHOWN. ALL YALVES SHALL BE REFERENCED FROM AT LEAST TWO PREFERABLY THREE PERMANENT POINTS.
- DIMENSIONS BETWEEN ALL INLETS AND MANHOLES SHALL BE VERIFIED AND SHOWN, THE INVERTS AND GRACE ELEVATIONS OF ALL INLETS, CONTROL STRUCTURES AND MANHOLES SHALL BE SHOWN.
- CONTRACTOR SHALL PROATEE AS BUILT SURVEY FOR POND GRADING, SPOT ELEVATIONS SHALL BE TAKEN AT TOP OF BANK, POND BOTTOM, AND ALL GRADE BREAKS AT SO! BUTFROMS.
- WHERE THE WATERAMEN CHOSSES OTHER UTILITIES (STORM, GRAVITY SERVE, FORCE MAIN AND RELIABATED WATER, THE CHITTER OF A SHALL TOWNWINDS SHALL CLIMITY REQUESTED REPORTED THE SHAPE AND SHALL MAIN THAT HEY RETEXAL SEPARATION WITH WESTER OF THE WATER AMEN AND OTHER UTILITIES NAME ALONG WATER OF THE WATER AND AND OTHER UTILITIES NAME AND OTHER UTILITIES AND ALONG WATER OF THE CHITTER OF THE OF THE CHITTER OF THE OF THE CHITTER OF THE CHITTER OF THE CHITTER OF THE CHITTER OF THE OF THE CHITTER OF THE CHITTER OF THE CHITTER OF THE OF THE CHITTER OF THE CHITTER OF THE CHITTER OF THE OF THE CHITTER OF THE OF TH
- WHERE THE WATER-MAN COOKSES OTHER UTLITIES STOOM, GRAVITY SUNER, FORCE MANN AND RELEASED WITHER STOOM, GRAVITY SUNER, FORCE MANN AND RELEASED WITHER SAFELIAL FORWARDS SHALL CEASEST WOOLSTOOM THE COOKSES OF PHELIORISE SOUCH ANAMANEAS AT DIO GRAVETISTATION THE COOKSES OF PHELIORISE OF PHELIORISE AND ALLIES TO PROVIDE THIS INFORMATION WILL LEGISLAY IN THE CONTRACTOR OCCURRATION AND SURFEYING THE UTILITIES AT NO AUGMENTANCE AND SURFEYING THE UTILITIES AT NO AUGMENTANCE OF THE OWNER.

TABLE 1.0 - CORRUGATED ALUMINUM PIPE COVER



	//		//	_//		106"
_				_		120"
	MNM	JM COVER - R (3" x 1" CO	DUND PIPE - 2 RRUGATION) (∳" x ∲" CORRU SPIRAL RIB)	GATION	TABLE 4.0 - CORRUGATI
		SHEET THIS	KNESS IN INC	HES (GAGE)		COV
	0.06	0.075	0.105	0.135	0.164	FLEXIBLE PAVEMENT
A (SQ.FT.)	[16]	(14)	(12)	(10)	(8)	BASE COURSE SUBBASE
0.8	12"	12"	NA	NA.	NA.	MINIMUM COVER
1.2	12" [12"]	12" {12"}	NA	NA.	NA.	
1.8	12" (12")	12" {12"}	12"	NA	NA.	(())
2.4	12" (12")	12" {12"}	12"	NA	NA.	
3.1	12" [12"]	12" (12")	12"	NA	NA.	
4.9	12" (15")	12" {15"}	12" (15")	NA	NA.	MINIMUM COVE

12	0.8	12"	12"	NA	NA	NA.	
15	1.2	12" [12"]	12" (12")	NA.	NA.	NA.	
18	1.8	12" (12")	12" {12"}	12"	NA.	NA.	
21	2.4	12" (12")	12" {12"}	12*	NA	NA.	
24	3.1	12" [12"]	12" (12")	12"	NA.	NA.	
30	4.9	12" (15")	12" {15"}	12" (15")	NA.	NA.	Ιŀ
36	7.1	NS (12") {24"}	12" (12") (18")	12" (12") (18")	12"	NA.	
42	9.6	NS (12*)	NS (12") (21")	12" (12") [21"]	12"	NA.	
48	12.6	NS (12*)	NS (12")	12" (12") (24")	12" (12") {24"}	12"	
54	15.9	NS (12")	NS (12")	NS (12*) (24*)	NS (12*) {24"}	12"	
60	19.6	NS (12*)	NS (12")	NS (12*) [24*]	NS (12*) {24")	NS	H
66	23.8	NS (12*)	NS (12")	NS (12*)	NS (12*) {24")	NS (12")	lt
72	28.3	(NS)	NS (12")	NS (12")	NS (12")	NS (12")	[
78	33.2	(NS)	(12")	(12")	(12")	(12")	
84	38.5	(NS)	(NS)	(12")	(12")	(12")	Ιſ
90	44.2	(NS)	(NS)	(12")	(12")	(12")	lŀ
96	50.3	(NS)	(NS)	(12")	(12")	(12")	ŀ
102	56.7	(NS)	(NS)	(NS)	(13")	(13")	H
	NA = NOT AV	WLABLE		- NS =	NOT SUITABLE		

TABLE 2.0 - CONCRETE PIPE COVER - ROUND &

LLLII	TICHE
PLOUBLE PAVEMENT BUSS COURSE SUBBASE MINIOUN COURS	INGID PAVEMINT INSIC COURSE MINNEN COVERS
UNPAVED OR FLEXIBLE PAVEMENT:	RIGID PAVEMENT:

- THE CONTRACTION CONT.

 THE CONTRACTION CONT.

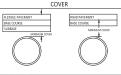
 THE CONTRACTION CONT
- THE CONTROLOR SHALL PROVIDE THE ENGINEER WITH 4(SHED AND SEALED ASHALL) AS SHALL STORM WATER STITCH IMPROVEMENTS AND ANY OTHER PROTECTION INCCESSORY FOR THE CLEARANCE APPROVADING ANY OTHER PROVIDED TO THE SEASON AND ANY ADMITTANCE ANY ADMITTANCE AND ANY ADMITTANCE AND ANY ADMITTANCE AND ANY ADMITT





PIPE TYPE & SIZE:	MINIMUM COVER:
CORRUGATED POLYETHYLENE	
12" - 48"	24"
60"	90"
CORRUGATED POLYPROPYLENE	
12" - 48"	24"
60°	30°
CORRUGATED POLYVINYLCHLORIDE	
ALL	24"
STEEL REINFORCED POLYETHYLENE	
30" - 60"	12"
66" - 72"	18"
84" - 96"	24"
106"	90°
120"	36"

TED STEEL ROLIND PIPE



		MINIM	UM COVER - R	OUND PIPE - 2 RRUGATION)	∱"x∳" CORRU SPIRAL RIB}	GATION					
			SHEET THICKNESS IN INCHES (GAGE)								
		0.064	0.064 0.079 0.109 0.138								
D (IN.)	A (50,FT.)	(16)	(14)	(12)	[10]	(8)					
12	0.79	12"	12"	NA.	NA.	NA.					
15	1.23	12"	12*	NA.	NA.	NA.					
18	1.77	12" {12"}	12" (12")	12"	NA.	NA.					
21	2.4	12" (12")	12" (12")	12" (12")	NA.	NA.					
24	3.14	12" {12"}	12" (12")	12" (12")	NA (12")	NA.					
30	4.91	12" (12")	12" (12")	12" (12")	NA (12*)	NA.					
36	7.1	12" [12") (12")	12" (12") (12")	12" (12") {12")	12" (12")	NA.					
42	9.6	12" 12") {12"}	12" (12") (12")	12" (12") {12"}	12" (12")	NA.					
48	12.6	12" (12") {12"}	12" (12") (12")	12" (12") {12")	12" (12") {12"}	12*					
54	16	12" (12") (14")	12" (12") (14")	12" (12") {14")	12" (12") (14")	12"					
60	19.6	NS (12")	NS (12") (15")	12" (12") {15"}	12" [12") {15"}	12"					
66	23.8	NS (12")	NS (12") (17")	12" (12") {17"}	12" (12") {17"}	12" (12")					
72	28.3	NS (12")	NS (12")	NS (12*) (18*)	12" (12") (18")	12" (12")					
78	33.2	NS (12")	NS (12")	NS (12*) {20*)	NS (12") {20"}	12" (12")					
84	38.5	NS (12")	NS (12")	NS (12*) {21")	NS (12") {21"}	12" (12")					
90	44.2	(12")	(12")	(12")	[127] [237]	(12")					
96	50.3	NS	(12*)	(12")	(12")	(12*)					
102	56.7	NS	(13")	(13")	(13")	(13")					
108	63.6	NS	NS	(147)	(14")	(14")					
114	70.9	NS	NS	(15")	(15")	(15")					
120	78.5	NS	NS	(15")	(15")	(15*)					
132	95	NS	NS	NS	(17")	(17*)					

132 95 NS NS NS (17°)

FL 3

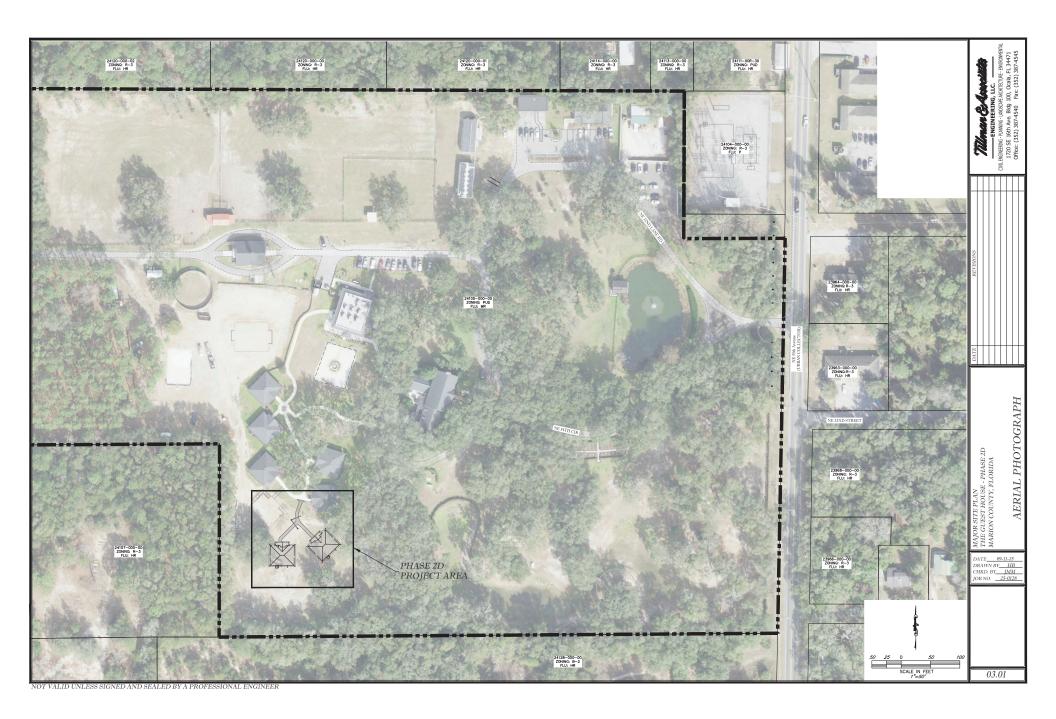
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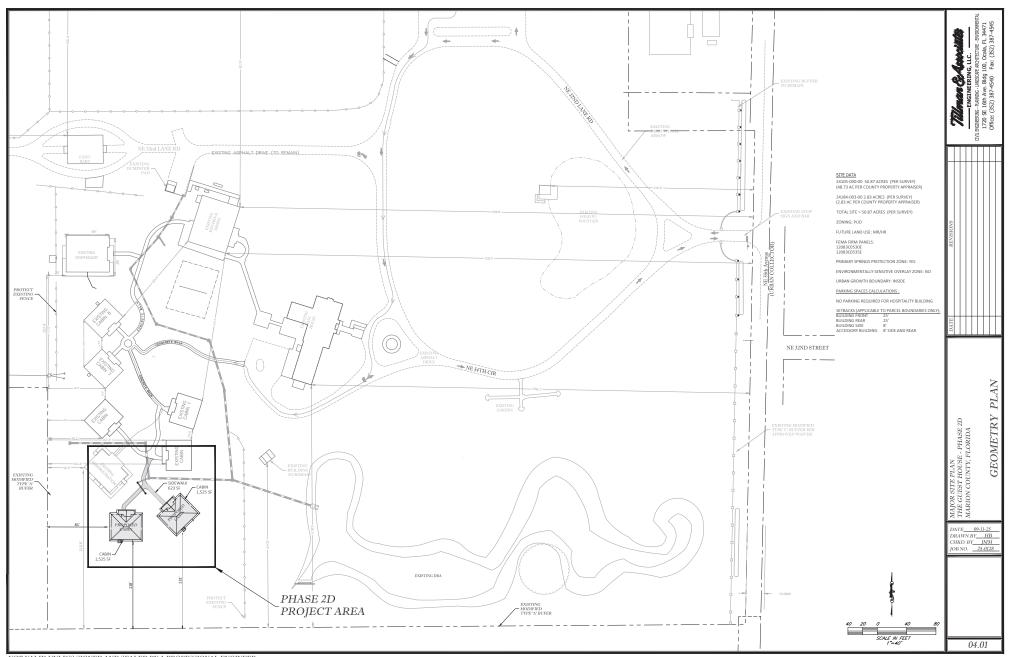
ENGINEERING, LANDSONE AND 1720 SE 16th Ave. Bldg 100, Office: (352) 387-4540 Fax

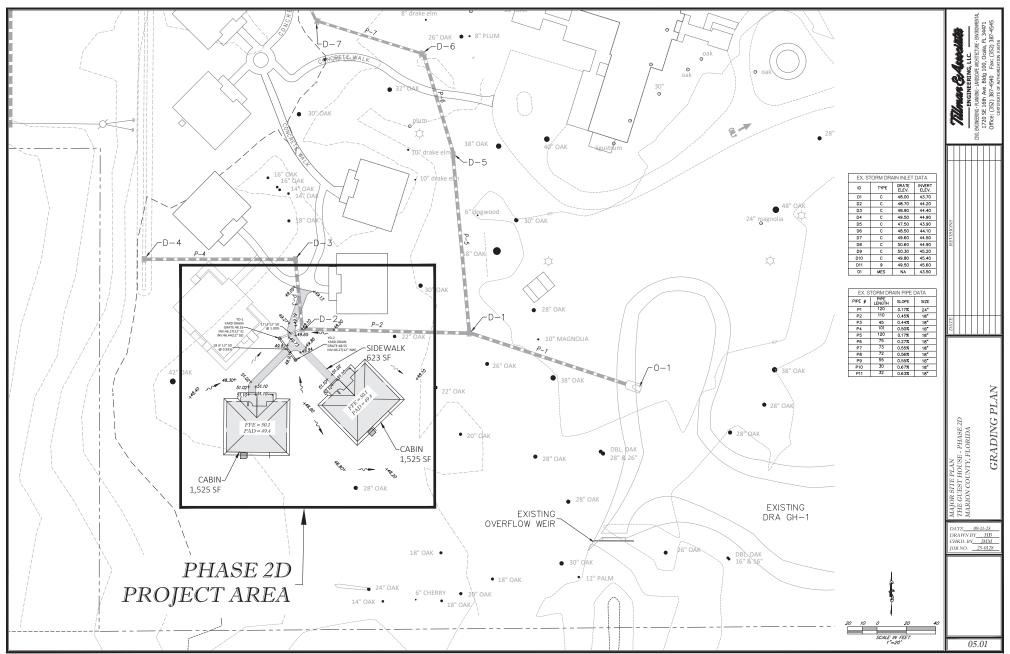
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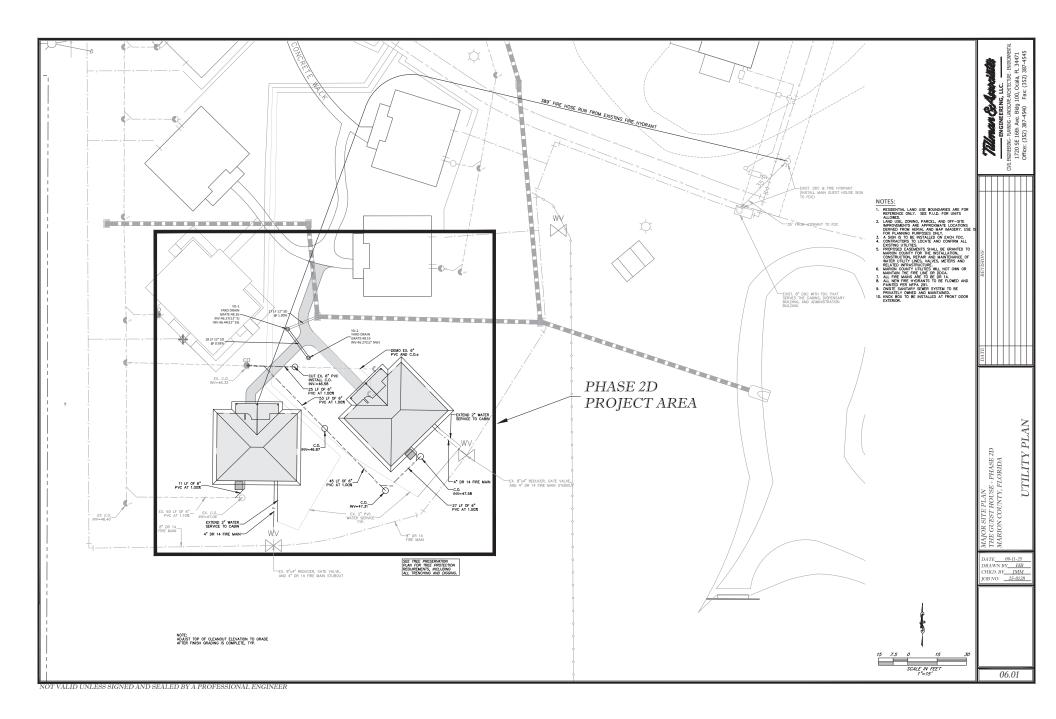
MAJOR SITE PLAN THE GUEST HOUSE - PHASE MARION COUNTY, FLORIDA DATE 09-11-25 CHKD. BY JMM JOB NO. 25-0128

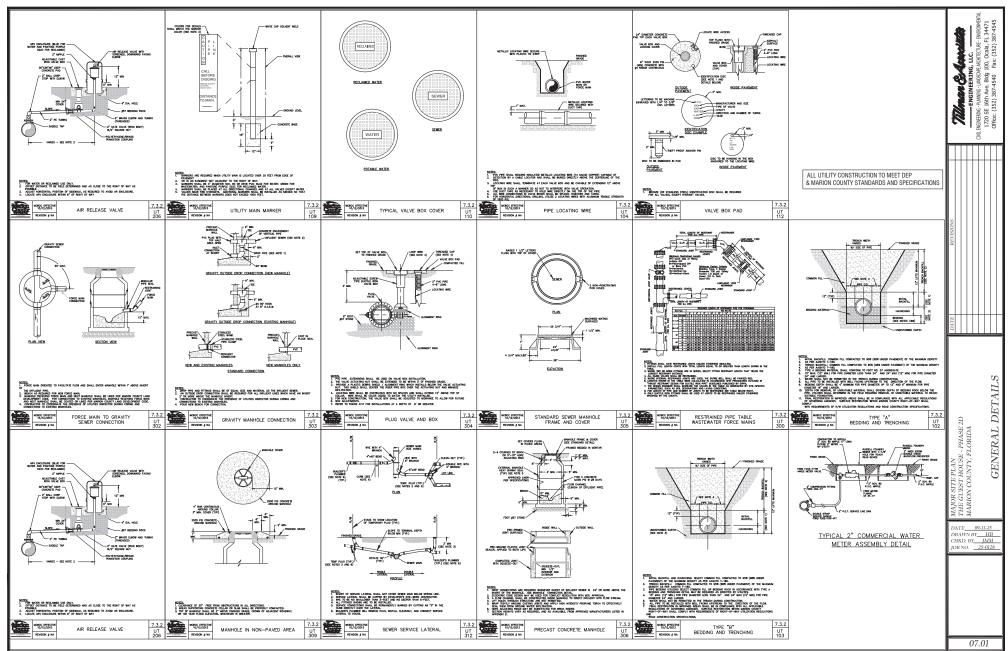
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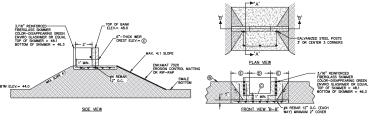








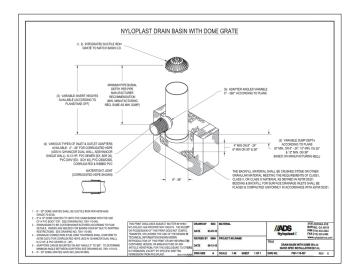


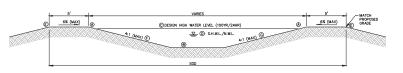


 $\underbrace{\text{EX. CONCRETE WEIR DETAIL}}_{\text{N.T.S}}$

POND	A	₿	©	0	(E)
1	5.0"	48.0	46.5	15.0"	6.0"

"ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE MARION COUNTY LAND DEVELOPMENT CODE."





POND	T.O.B.(FT) (A)	BOTTOM(FT) (B)	DHWL(FT) © 100Y-24H	SHWL*(FT) (D)	©	SIDE SLOPE	SIDE SLOPE
EXISTING GH-1	48.00	44.5	47.1	43.2	MATCH PROPOSED GRADE	4:1 MAX	4:1 MAX

SOD BOTTOM, BERM & SIDE SLOPES.

ALL UTILITY CONSTRUCTION TO MEET DEP

& MARION COUNTY STANDARDS AND SPECIFICATIONS

SECTION VIEW

IF LIMESTONE IS ENCOUNTERED DURING REPAIR A MIN OVER-EXCAVATION OF 3' IS REQUIRED ALLOWG THE CHIMMEY SIDES AND BOTTOM

IF THE COLLAPSE IS SHALLOW (-6' DEEP) AND THE VOIDS IN THE LIMESTONE ARE SMALL, THEN THE SINKHOLE CAN BE REPAIRED BY BACKFILING WITH A LOWER-PERMEABILITY MATERIAL, SUCH AS CLAYEY-SAND OR CLAY. THE MATERIAL SHOULD BE COMPACTED AND THE REPAIR SHALL BE SLIGHTLY ABOVE THE ORIGINAL BOTTOM IN ORDER TO CREATE A SMALL MOUND TO ACCOUNT FOR

ELEP RE-PAIN (SEE: UEI AIR): IF THE COLLAPSE IS DEEP, THEN THE REPAIR SHALL BE MORE PERMANENT. THE COLLAPSE SH BE EXCAVATED TO THE LIMESTONE BEBROOCK THE VOID(S) IN THE BEDROOCK SHALL BE PLUCGU WITH CLEAN GROUT. A LOW PERMEABILITY THE AMERIKAL SHALL BE PLUCCU OVER THE CONCRETE

NUITE/ALIUNY.

HE SAINT-JOHNS WATER MANAGEMENT DISTRICT (SJWMD) SHALL BE NOTIFIED OF ANY SINKHOLE DEVELOPMENT WITHIN 48 HOURS OF DISCOVERY AND THE PROPOSED METHOD BY WHICH THE SINKHOLE WILL BE REPARCE SHALL BE SUBMITTED TO THE SJWMD FOR APPROVAL WITHIN 30 DAYS. THE SJRWMD WILL THEN NOTIFY THE RESPONSELE PARTY AS TO THE ACCEPTANCE, DENIAL OR NEED FOR MIGHTACHION OF THE REPRAINE METHOD.

SHALLOW AND DEEP SINKHOLE/CAVITY

MAINTENANCE REPAIR DETAIL
N.T.S

NOTES

POND CROSS-SECTION

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN FROM THE ENGINEER OR OWNER A COPY OF ALL PERTINENT PERMITS RELATED TO THIS PROJECT; IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL CONSTRUCTION ACTIVITIES ARE IN COMPULANCE WITH THE CONDITIONS OF ALL PERMITS AND APPROVALS.
- ALL CONSTRUCTION, MATERIALS AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH THE MARION COUNTY UTILITY MANUAL ARTICLE 8, SECTIONS 2.2, 8.2.7, 8.2.8, 8.2.14, 8.2.15, AND APPENDIX D.
- 3. GRASS AND MULCH, OR SOLID SOD, ALL AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION.
- CONTRACTOR IS TO COORDINATE ALL WORK WITHIN, BUT NOT LIMITED TO, MARION COUNTY RIGHTS-OF-WAY WITH UTILITY COMPANIES IN ORDER TO PREVENT DAMAGE TO UTILITY LINES AND THE MAKING OF ADJUSTMENTS TO SAME, IF REQUIRED.
- 5. CONTRACTOR SHALL CONTACT THE ENGINEER AND/OR THE OWNER PRIOR TO ANY CONSTRUCTION THAT MAY DAMAGE TREES.
- CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF EXISTING WATER AND SEWER LINES PRIOR TO BEGINNING CONSTRUCTION.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL ROAD CROSSING AND/OR UTILITY PERMITS
- 8. THE DESTINE UNDERSOURCE UTILITY INSESSIONS HERSEN MESSE TAKEN FROM DOCUMENTS UNINNESS BY STREETS AND NOT FIELD WERRED. THESE THE DEMORRES FORMOT GUARANTEE HE ACQUIANCY FOR MEN 60TH THAT ALL ARE SHOWN. THE CONTRACTOR SHALL EXPOSE ALL INDERROGUIND UTILITY LINES IN COORDINATION WITH THE CONTRACTOR SHALL EXPOSE ALL INDERROGUIND UTILITY LINES IN COORDINATION WITH THE CONTRACTOR SHALL EXPOSE ALL INDERROGUIND UTILITY LINES IN COORDINATION WITH THE CONTRACTOR SHALL EXPOSE ALL INDERROGUIND UTILITY LINES IN COORDINATION WITH THE CONTRACTOR SHALL EXPOSE ALL INDERROGUIND UTILITY LINES IN COORDINATION WITH THE CONTRACTOR AND ALL ARE CONTRACTOR WHICH IN CONTRACTOR AND ALL ARE CONTRACTOR AND ALL ARE CONTRACTOR AND ALL ARE CONTRACTOR AND ALL ARE CONTRACTOR.
- 9. ALL PVC PRESSURE PIPE SHALL HAVE A MINIMUM 36" COVER.
- 10. ALL PVC WATER MAIN PRESSURE PIPE OF NOMINAL DIAMETER 4" TO 12", SHALL BE IN ACCORDANCE WITH AWMA STANDARD C900. ALL PVC PIPE SHALL BE A DR OF 25. PIPE 14" DIAMETER AND LARGER SHALL BE B N ACCORDANCE WITH AWMS ATMADARD G905 AND SHALL HAVE A DR OF 18. PVC PIPE SHALL BE BLUE IN COLOR.
- 11. CARTIANY SERIES, FORCE AND RECLAUSE DAMES AND STORM SERIES SHOULD GROSS UNDER WITES MANKE, CARTIANY SERIES, FORCE AND RECLAUSE MANKE AND SERIES, FORCE WITER MANKE AND STORM SERIES CROSSING WITER MANS SHALL BE LUE TO PROVIDE A MINIMAL MERICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE WHEELEY POSSIBLE.
- 12. SANTARY SEWERS, FORCE AND RECLAMED MANS AND STORM SEWERS SHOULD CROSS UNDER WATER MANS, SANTARY SEWERS, FORCE AND RECLAMED MANS AND STORM SEWERS CROSSNO WATER MANS SHALL BE LAD TO PROVUE A MANIMUM WATERA, DISTARCE OF THE NOWES ETHERS THE INVERT OF THE OPPER PIPE AND THE CORNIN OF THE LOWER PIPE WERE THE CORNIN OF THE LOWER PIPE AND THE CORNIN OF THE LOWER PIPE AND THE CONNIN OF THE LOWER PIPE AND THE WATER MAN & SEWER SHALL BE PROVIDED TO PREVENT EXCESSIVE DEFICION OF JOINT SAN SETTIMS.
- 13. WHEN SAINTLY SERRES, FORCE AND RECLAIMED MANS AND STORM SEWERS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER WAIN SHALL BE CONSTRUCTED OF DUCTLE ROW PIPE (BUY) AT THE CROSSING, SUPPLOATE LESSING OF DIP MUST BE USED TO PROVIDE A WINDLUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS, ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE LEAK FREE AND MECHANICALLY RESTRING THE SAIN SERVICE AND SERVICE AND
- 14. WHERE THERE IS NO ALTERNATIVE TO SEWER AND RECLAIMED PIPES CROSSING OVER A WATER MAIN, THE CRITERIA FOR MINIMUM SEPARATION OF 18 INCHES BETWEEN LINES AND 10 FEET BETWEEN JOINTS SHALL BE REQUIRED.
- 15. ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER AND RECLAIMED PIPES JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).
- 16. WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE, THE NEW PIPE SHALL BE CONSTRUCTED OF DIP AND THE CROSSING SHALL BE ARRANGED TO MEET THE REQUIREMENTS ABOVE.
- 17. A MINIAN 6-FOOT, PRETENANT (16-FOOT HERDENIN), SEPARATON, SALL BE MANTANES BETWEEN ANY TIPE OF STREM AND METER MAN IN PARIELL INSTILLATIONS WEBLECKE PROSELE A MANNIAN FOOT HORIZONTAL SEPARATON (16-FOOT INSIDE EDGE TO INSIDE EDGE) SHALL BE MANTANED BETWEEN RECLAIMED WATER MANS AN POTABLE MATER MANS IN PARALL INSTILLATION WEBLECKE PROSENE.
- 18. IN CASES MERGE IT IS UIT PROSERE TO MANTAIN A 10-TOOT FORTOWING. SEPARATION BETWEEN ANY THE OF PARALLES, SERVER AND MATER MAN. THE MATER MAN MUST SEL (AND N. SEPARATE TRESHED OR ON AN IMMOSTURED EARTH SHEET LOCATED ON ONE SIDE OF THE SEMEN ON FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE MATER MAN IS AT LEAST IS IN-INCESS AROUS THE TOP OF THE SEMEN SHEET.
- 18. MERE IT IS NOT PROSSEE TO MARTAM A VERTICAL DISTANCE OF 18 MOVES OR A HORIZONIA DISTANCE OF 10 FEST IN PARALLA INSTALLATIONS, THE WATER MAIN SALL SE CONSTRUCTED OF DP AND THE SERVER OF THE FORCE MAIN SHALL BE CONSTRUCTED OF DP. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER, SORTS ON THE WATER MAIN SHALL BE LOCATED AS FAR AFANTA SEOSSEE FROM JOINTS ON THE SEWER OF FORCE MAIN (STAGGERED JOINTS).
- 20. ALL DIP OF NOMINAL DIAMETER 4" TO 20" SHALL BE CLASS 350 AND FOR PIPE SIZES LARGER THAN 20" SHALL BE CLASS 250 AND SHALL CONFORM TO ANSI/AWWA A21.51/C151.
- 21. WATER MAIN SHALL BE LOCATED 10'OFF BACK OF CURB UNLESS OTHERWISE NOTED.
- 22. FIRE HYDRANT, GATE VALVE AND BLOW-OFF VALVE ASSEMBLIES SHALL CONSIST OF ALL PIPE, VALVES, TEES, FITTINGS, AND ANY AND ALL OTHER APPURTENANCES COMPRISING A COMPLETE, WORKING UNIT.
- 23. BENDS SHALL BE INSTALLED IN WATER MAIN TO AVOID UNFORESEEN CONFLICTS IN EXISTING OR PROPOSED STRUCTURES.
- 24. THE JOINT DEFLECTION METHOD SHALL BE USED WHERE PRACTICAL IN LIEU OF INSTALLING BENDS.
- 25. WHEN VALVE BOX IS TO BE INSTALLED IN ROADWAY OR OTHER TRAFFIC AREAS SET VALVE BOX ON FIVE (5) SOLID COMMON BRICKS.
- 26. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT." THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
- 27. ALL NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH A CONTINUOUS INSULATED 14 GUAGE COPPER WIRE INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. DETECTABLE TAPE MAY BE USED IN LEIU OF COPPER WIRE AND SHALL BE PLACED 17 ABOVE THE TOP OF PIPE.

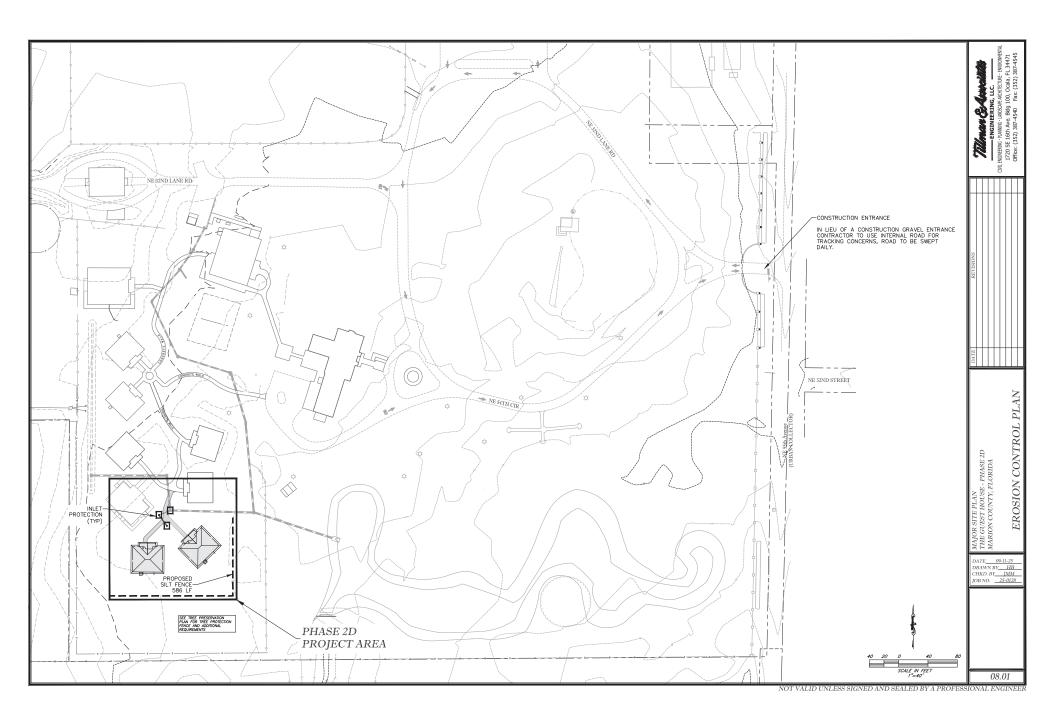
DATE REVISIONS

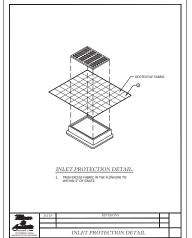
GENERAL DETAILS

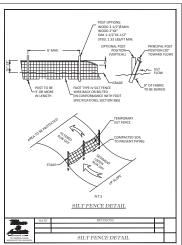
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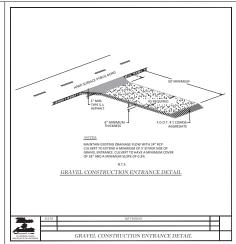
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NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER









NOTES

- 1. 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 EITHER ADDITIONAL OR REDUCED EROSION CONTROL MEASURES TO BE IMPLEMENTED. THE CONTROLTOR IS DIRECTED TO FOLLOW STANDARD BEST MANAGEMENT PRACTICES IN IMPLEMENTION A SUCCESSIVE ROSION CONTROL PLAN.
- TEMPORARY EROSION CONTROL TO BE UTILIZED DURING CONSTRUCTION AT AREAS DESIGNATED BY THE ENGINEER OR AREAS ON SITE WHERE UNSTABILIZED GRADES MAY CAUSE EROSION PROBLEMS, EROSION CONTROL MAY BE REMOVED AFTER UPSLOPE AREA HAS BEEN STABILIZED BY SOO, OR COMPACTED AS
- 3. PERMANENT EROSON AND SEDMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PROFICION THE CONSISTENT WITH GOOD CONSTRUCTION PRACTICES, ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BET THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDMENT CONTROL MEASURES AROUND THE PREMIETE OF THE FRACE OF THE INTIAL WORK AREA TO PROTECT THE PROJECT, ADJACE
- 4. TEMPORARY EROSON AND SERMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE COOMMON, EFFECTIVE AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPEDIENCY IN LEU OF PERMANENT MEASURES.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.
- 6. 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 HALF THE HEIGHT OF THE BARRIER.
- MATERIAL 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 DEPOSITS REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
- 10. SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).

DATE REVISIONS

MAJOR SITE PLAN
THE GUEST HOUSE - PHASE 2D
MARION COUNTY, FLORIDA
EROSION CONTROL DETAILS

DATE 09-II-25 DRAWN BY HB CHKD. BY JMM JOB NO. 25-0128

08.02

