



SUBMITTAL SUMMARY REPORT

MajorSite-000060-2025

PLAN NAME: Multi-Family- 8 Units - 351 Marion Oaks Blvd

LOCATION: 351 MARION OAKS BLVD
OCALA,

APPLICATION DATE: 11/20/2025

PARCEL: 8004-0433-18

DESCRIPTION: New 8-unit residential building

CONTACTS	NAME	COMPANY
Applicant	ADAN ORDONEZ ORDONEZ	ORDONEZ ORDONEZ CONSTRUCTION, INC
Engineer of Record	CHAD LINN	LINN ENGINEERING

SUBMITTAL	STARTED	DUE	COMPLETE	STATUS
OCE: Plan Review (DR) v.				Not Received
OCE: Plan Review (DR) v.	12/05/2025	12/19/2025	12/24/2025	Requires Re-submit

SUBMITTAL DETAILS

OCE: Plan Review (DR) v.1				
ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
911 Management (DR) (911 Management)	Caroline Dennison	12/19/2025	12/09/2025	Approved
Corrections	Additional 911 Comments (Resolved) -			
Environmental Health (Plans) (Environmental Health)	Evan Searcy	12/19/2025	12/23/2025	Approved
Fire Marshal (Plans) (Fire)	Jonathan Kenning	12/19/2025	12/05/2025	Approved
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Jared Rivera	12/19/2025	12/10/2025	Requires Re-submit
Comments	See corrections for Planning/Zoning comments.			
Corrections	2.12.4.L & Article 5 - Overlay zones (Resolved) - 2.12.4.L & Article 5 - Overlay zones: Provide a statement showing all applicable overlay zones on the subject properties such as Airport Overlay Zones (AOZ), Environmentally Sensitive Overlay Zone (ESOZ), Floodplain, Springs Protection Overlay Zone (SPOZ), Military Operating Area (MOA), Scenic Roads Area (SRA), Wellhead/Wellfield Protection Area (WHPA), Silver Springs Community Redevelopment Area (SSCRA), and CR 475A Visual Enhancement Gateway Development Overlay, etc. Refer to LDC Article 5 - OVERLAY ZONES AND SPECIAL AREAS.			
Corrections	2.12.4.L - DRI/FQD Compliance Note (Not Resolved) - 2.12.4.L - DRI/FQD Compliance Note?: Revise the plan to add the following advisory note: "DEVELOPMENT OF THE PROPERTY AS SHOWN ON THIS [SITE PLAN/SUBDIVISION PLAT] IS SUBJECT TO THE TERMS AND CONDITIONS OF THE [PROJECT NAME DRI/FQD] DEVELOPMENT ORDER, AS MAY BE AMENDED FROM TIME TO TIME, INCLUDING PROVISIONS REGARDING THE CONCURRENCY OF PUBLIC FACILITIES.			
Corrections	2.12 - Rezoning (Not Resolved) - 2.12 - Rezoning: List of approved Rezoning, case numbers, conditions, and the date of approval.			
Corrections	2.12.4/6.11.8 - Parking (Resolved) - 2.12.4/6.11.8 - Parking: Provide number and calculation of required and proposed parking spaces in table format, per LDC Sec. 6.11.8. - Parking requirements.			
Corrections	2.12.27 - Location & screening of outside storage (Resolved) - 2.12.27 - Location & screening of outside storage: Provide a statement indicating any outside storage area is proposed. If applicable, show location of outside storage areas on plan. Check special requirements under zoning code sections.			
Corrections	2.12 - Land Use Designation-adjacent properties (Resolved) - 2.12 - Land Use Designation-adjacent properties: Show existing land use designation on the adjacent properties.			
Corrections	2.12.6 - Location of water and sewer (Resolved) - 2.12.6 - Location of water and sewer: Show location of septic systems and wells. Locations shall be outside setback and clearance.			
Corrections	2.12.24 - Landscape requirements/6.8.6 - Buffering (Not Resolved) - 2.12.24 - Landscape requirements/6.8.6 - Buffering: Show buffer types, locations, and dimensions of required buffering on plan. Show buffer descriptions and illustrations of each proposed buffer (including longitudinal and transverse cross-sections)			
Corrections	2.12/4.2 - Building height (Not Resolved) - 2.12/4.2 - Building height: Show building height (primary and accessory structures) in the site data table.			
Corrections	2.12.16/6.5 - EALS or Exemption provided (Resolved) - 2.12.16/6.5 - EALS or Exemption provided?: Provide Environmental Assessment of Listed Species (EALS) or submit an Exemption (EALS-ER). Copy of the EALS/EALS-ER will be forwarded to review agency for comments. Refer to LDC Sec. 6.5 for submittal requirements and review procedures.			
Corrections	2.12 - Waivers (Requested & Approved) (Resolved) - 2.12 - Waivers (Requested & Approved): List of all requested and approved waivers, conditions, and the date of approval.			
Corrections	2.12.5/1.8.2.D - Traffic Concurrence Evaluation? (Not Resolved) - 2.12.5/1.8.2.D - Traffic Concurrence Evaluation?: In order to propose alternative solutions to addressing the lack of roadway capacity, a traffic study will be required and a traffic methodology must be submitted for review and approval prior to the traffic study being completed. Please contact OCE-Traffic Review for further information on completing the necessary methodology and study.			

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ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
Landscape (Plans) (Parks and Recreation)	Susan Heyen	12/19/2025	12/12/2025	Requires Re-submit
<i>Comments</i>	Please submit Tree Preservation, signed and sealed Landscape, Irrigation and if necessary, photometric plans for review			
OCE Design (Plans) (Office of the County Engineer)	Gerald Koch	12/19/2025	12/22/2025	Approved
<i>Corrections</i>	6.2.1.B.-F. - Requirements (Resolved) - 6.2.1.B.-F. - Requirements: Technical standards and requirements as listed in Section 6.2.1.B. through F. of the LDC			
<i>Corrections</i>	6.2.1.A. - Licensed Professional (Resolved) - 6.2.1.A. - Licensed Professional: Plans shall be prepared by a professional licensed by the State of Florida. The name, street address, signature, date, license number, and seal of the responsible professional shall be shown on each plan sheet. The same shall be provided on the cover page of any supporting documents and calculations.			
<i>Corrections</i>	Additional Design Comments (Resolved) - Additional Comments:			
OCE Property Management (Plans) (Office of the County Engineer)	Elizabeth Woods	12/19/2025	12/22/2025	Requires Re-submit
<i>Comments</i>	Please upload application and Site Plan for review -EMW 12.22.25			
OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	12/19/2025	12/10/2025	Requires Re-submit
<i>Corrections</i>	6.13.2.B(4) - Hydrologic Analysis (Not Resolved) - 6.13.2.B(4) - Hydrologic Analysis: Hydrologic stormwater model analysis including all input parameters, supporting calculations, assumptions, documentation for design and results.			
<i>Corrections</i>	6.13.2 A(1)/(2) - Contributing Basins/Tc (Not Resolved) - 6.13.2 A(1)/(2) - Contributing Basins/Tc: Plan sheets shall minimally show: All pre-development and post-development basins that contribute runoff to the area proposed for development, including all off-site contributions, and areas that may be impacted by the development fully delineated and quantified. The time of concentration, and travel path, for each watershed shall be shown.			
<i>Corrections</i>	2.12.4.L(9)(b) - Data Block (Impervious Area) (Not Resolved) - 2.12.4.L(9)(b) - Data Block (Impervious Area): Provide existing and proposed gross impervious area in SF, ac, and percentage in the data block on the cover sheet. Include any offsite drainage to your site in the data block.			
<i>Corrections</i>	6.13.2.B(6) - Freeboard (Not Resolved) - 6.13.2.B(6) - Freeboard: A minimum freeboard of six inches shall be provided for all retention/detention areas.			
<i>Corrections</i>	6.13.6 - Stormwater Quality Criteria (Not Resolved) - 6.13.6 - Stormwater Quality Criteria: The following systems shall be considered as meeting the County's stormwater quality criteria: a) Systems that demonstrate numerically the post-development stormwater quality is equal to or better than the pre-development stormwater quality using methodology approved by the County Engineer or his designee. b) Dry retention systems that have a depth of four feet or less, measured from top of bank to pond bottom, shall have an appropriate vegetative cover. c) Dry retention systems that have a depth of six feet or less, measured from top of bank to pond bottom, with side slopes that are no steeper than 4:1, shall have sodded bottoms. d) Wet retention/detention systems, including wetlands, shall meet the governing State standards. e) Systems demonstrating distributed volume.			
<i>Corrections</i>	Additional Stormwater comments (Not Resolved) - (1) INFO: Please provide a copy of the NPDES permit or NOI as well as a copy of the District permit prior to construction. (2) INFO: If you have questions or would like to discuss the stormwater review comments, please contact Alexander Turnipseed at (352) 671-8376 or at alexander.turnipseed@marionfl.org.			
<i>Corrections</i>	6.13.12 - Operation and Maintenance (Not Resolved) - 6.13.12 - Operation and Maintenance: Provide an O&M manual detailing the steps for operating and maintaining the proposed private system of DRAs, pipes, inlets, swales, etc. Manual shall be signed by Owner and owner's certification statement shall be on the manual. Owner's certification statement: "I hereby certify that I, my successors, and assigns shall perpetually operate and maintain the stormwater management and associated elements in accordance with the specifications shown herein and on the approved plan".			
<i>Corrections</i>	2.12.8 - Topographical Contours (Not Resolved) - 2.12.8 - Topographical Contours: Current boundary and topographic survey (one foot contour intervals extending 100 feet beyond the project boundary) based upon accepted vertical datum. Surveys will be less than 12 months old and accurately reflect current site conditions, meeting standards set forth in Ch. 5J-17 FAC. Alternate topographic data may be accepted if pre-approved by the Marion County Land Surveyor.			
<i>Corrections</i>	6.13.2.B(8) - Calculation & Plan Consistency (Not Resolved) - 6.13.2.B(8) - Calculation & Plan Consistency: Calculations must be consistent with the plan sheets and other supporting details. Calculations shall use standard methodology recognized in the State of Florida, including hand and/or computerized calculations.			
<i>Corrections</i>	Final signed and sealed hard copy signature page (Not Resolved) - After all stormwater comments are resolved, please upload a scanned copy of the digitally signed and sealed certification page of the stormwater report. Alternatively, a hard copy can be submitted. If you choose to submit a hard copy, you only need to submit the certification page of the report. A full report is not necessary. However, full reports are accepted if desired.			
<i>Corrections</i>	6.13.8 - Stormwater Conveyance Criteria (Not Resolved) - 6.13.8 - Stormwater Conveyance Criteria: Conveyance systems shall be sized to accommodate the 25-year 24-hour storm event. The tailwater elevation utilized shall be based on the tailwater elevation of the receiving water body plus 6 inches at the peak discharge time of the design storm. Alternatively, the tailwater elevation utilized can be the design high water elevation of the 25-year 24-hour design storm. All retention/detention areas within subdivision developments shall have direct access to a right-of-way. A drainage right-of-way may be necessary to establish this access. Drainage rights-of-way shall be a minimum of 30 feet in width. All drainage swales to facilities or underground stormwater conveyance systems shall be within drainage easements, except where rights-of-way are provided. Drainage easements shall be a minimum of 20 feet in width.			
<i>Corrections</i>	6.13.2.A(9) - Access Accommodates Stormwater (Not Resolved) - 6.13.2.A(9) - Access Accommodates Stormwater: Site access accounting for stormwater conveyance with a swale, culvert, or curb and gutter driveway.			
<i>Corrections</i>	6.13.4 - Stormwater Quantity Criteria (Not Resolved) - 6.13.4 - Stormwater Quantity Criteria: Methodologies, rainfall distribution and intensities shall be consistent with those approved by the governing water management district. Assumed parameters must be supported by conventional methods. Design storms shall consider open or closed basins as provided in Table 6.13-1.			
<i>Corrections</i>	6.13.4.D - Recovery Analysis (Not Resolved) - 6.13.4.D - Recovery Analysis: All retention/detention areas shall recover the total volume required to meet the discharge volume limitations within 14 days following the design rainfall event. For retention/detention areas not able to recover the total required volume within 14 days, the stormwater facility volume shall be increased to retain an additional volume from a second design storm.			

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OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	12/19/2025	12/10/2025	Requires Re-submit
<i>Corrections</i>	6.13.4.C - Discharge Conditions (Not Resolved) - 6.13.4.C - Discharge Conditions: All stormwater facilities shall be designed to limit discharges considering open or closed basins per Table 6.13-1. A discharge structure shall be required for all retention/detention areas not designed to retain the entire 100-year 24-hour post-development design storm. Discharge structures shall include a skimmer at a minimum.			
OCE Survey (Plans) (Office of the County Engineer)	Theresa Smail	12/19/2025	12/17/2025	Requires Re-submit
<i>Corrections</i>	6.4.7. Construction Plans - Survey Requirements (Not Resolved) - 6.4.7. Construction Plans - Survey Requirements: Survey information to support construction plans, including but not limited to Mass Grading, Improvement, or Major Site plans, shall meet requirements as set forth in Ch. 5J-17 FAC in addition to the following as identified in Section 6.4.7.A. through H. of the LDC.			
<i>Corrections</i>	2.12.8. - Current boundary and topographic survey (Not Resolved) - 2.12.8. - Current boundary and topographic survey: Current boundary and topographic survey (one foot contour intervals extending 100 feet beyond the project boundary) based upon accepted vertical datum. Surveys will be less than 12 months old and accurately reflect current site conditions, meeting standards set forth in Ch. 5J-17 FAC. Alternate topographic data may be accepted if pre-approved by the Marion County Land Surveyor.			
OCE Traffic (Permits & Plans) (Office of the County Engineer)	Chris Zeigler	12/19/2025	12/08/2025	Requires Re-submit
<i>Corrections</i>	6.11.4.B - Cross access (Not Resolved) - 6.11.4.B - Cross access: Provide a 24' wide paved cross access easement as specified in 6.11.4.B			
<i>Corrections</i>	6.12.12 - Sidewalks (Not Resolved) - 6.12.12 - Sidewalks: Show sidewalk on the plans as required in section 6.12.12.			
Utilities (OCE Plans) (Utilities)	Heather Proctor	12/19/2025	12/22/2025	Requires Re-submit
<i>Comments</i>	The parcel will be connecting to Marion County Utilities water and will connect to and extend the sewer force main. Please see the correction comments.			
<i>Corrections</i>	6.14.6 - Utilities design to be owned by MCU (Not Resolved) - 6.14.6 - Utilities design to be owned by MCU:			
<i>Corrections</i>	6.14.4 - Capacity charges - irrigation (Not Resolved) - 6.14.4 - Capacity charges			
<i>Corrections</i>	MCU Contact Info on Project Cover Sheet (Resolved) - MCU Contact Info on Project Cover Sheet: Marion County Utilities, 11800 S US Hwy 441, Belleview FL 34420 - Customer Service 24/7/365 352-307-6000			
<i>Corrections</i>	6.14.8.A - Completion & Closeout - PLAN NOTE: (Not Resolved) - 6.14.8.A - Completion & Closeout - PLAN NOTE:			
<i>Corrections</i>	6.14.5.A(2) - Proposed mains & connections shown (Not Resolved) - 6.14.5.A(2) - Proposed mains & connections shown:			
<i>Corrections</i>	6.14.5.A(8) - Connection to existing sanitary (Not Resolved) - 6.14.5.A(8) - Connection to existing sanitary:			
<i>Corrections</i>	6.14.9.B - Transfer of Assets to MCU - PLAN NOTE: (Not Resolved) - 6.14.9.B - Transfer of Assets to MCU - PLAN NOTE::			
<i>Corrections</i>	6.14.5.B - FDEP PWS and/or WW permits (Not Resolved) - 6.14.5.B - FDEP PWS and/or WW permits			
<i>Corrections</i>	6.15.7 - Cross Connection Control/Backflow (Not Resolved) - 6.15.7 - Cross Connection Control/Backflow:			
<i>Corrections</i>	6.14.5.C - Hydraulic Analysis (Not Resolved) - 6.14.5.C - Hydraulic Analysis: The hydraulic analysis is required to analyze the water or wastewater pressures in this area.			
<i>Corrections</i>	6.15.3 - Fire Protection/Fire Flow Capacity (Not Resolved) - 6.15.3 - Fire Protection/Fire Flow Capacity:			
<i>Corrections</i>	6.14.5.A(1) - Existing water & sewer mains shown (Not Resolved) - 6.14.5.A(1) - Existing water & sewer mains shown: The entire utility system shall be shown on the plan, including existing water systems and all proposed components within the project area.			
<i>Corrections</i>	Review Fee as applicable (per Resolution) (Not Resolved) - Review Fee as applicable (per Resolution): MCU review fee for this submittal			
<i>Corrections</i>	6.14.5.A(3) - LS layout, elevations, schedules (Not Resolved) - 6.14.5.A(3) - LS layout, elevations, schedules: Lift station details shall be included on a separate page showing general location of LS with details, working elevations & schedules.			
<i>Corrections</i>	Additional Utilities Comments (Not Resolved) - Additional Utilities Comments			
<i>Corrections</i>	6.15.6.D - Meter Location (Not Resolved) - 6.15.6.D - Meter Location:			
<i>Corrections</i>	6.14.4 - Capacity charges - domestic water/sewer (Not Resolved) - 6.14.4 - Capacity charges - domestic water/sewer: Capacity charges to be invoiced and collected by MCU Permitting at time of building permit review - Cap Fee Worksheet and interior floor plan may be required.			
<i>Corrections</i>	Parcel numbers match project area (Resolved) - Parcel numbers match project area: The parcels(s) shown on the application and/or site plan must match the project area.			
<i>Corrections</i>	6.15.4 - Water Main Piping Installation (Not Resolved) - 6.15.4 - Water Main Piping Installation:			
<i>Corrections</i>	6.14.5.B - Submit permits to MCU (DOT, ROW etc) (Not Resolved) - 6.14.5.B - Submit permits to MCU (DOT, ROW etc): A copy of any permit issued to the contractor shall also be submitted to MCU's Construction Manager, or designee.			
<i>Corrections</i>	6.15.6.B - Irrigation Water Metering - size (Resolved) - 6.15.6.B - Irrigation Water Metering - size:			
<i>Corrections</i>	6.14.7 - Construction Inspection - PLAN NOTE: (Not Resolved) - 6.14.7 - Construction Inspection - PLAN NOTE			
<i>Corrections</i>	7.1.3 - UT DETAILS - current LDC version (Not Resolved) - 7.1.3 - UT DETAILS - current LDC version: UT details shall be current version based on latest edition of approved LDC			
<i>Corrections</i>	6.15.4 - Water Distribution System (Not Resolved) - 6.15.4 - Water Distribution System:			
<i>Corrections</i>	6.14.2 - Connection Requirements (Not Resolved) - 6.14.2 - Connection Requirements:			
<i>Corrections</i>	6.14.5.A(6) - MH locations, rim & invert elevation (Resolved) - 6.14.5.A(6) - MH locations, rim & invert elevation:			



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: 1/7/2026 Parcel Number(s): 8004-0433-18 Permit Number: 000060-2025

A. PROJECT INFORMATION: Fill in below as applicable:

Project Name: Multi-Family- 8 Units - 351 Marion Oaks Blvd Commercial ☐ Residential ☒
Subdivision Name (if applicable): _____
Unit _____ Block _____ Lot _____ Tract _____

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

Name (print): Beatriz Estela Rosa ; A&B Properties Services LLC
Signature: *Beatriz Estela*
Mailing Address: 275 Sycamore Ct City: Wind Gap
State: PA Zip Code: 18091-9526 Phone # 908-343-9077
Email address: beatrizestela2000@yahoo.com

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

Firm Name (if applicable): Linn Engineering and Design Contact Name: Shenika Thomas
Mailing Address: P.O. Box 140024 City: Orlando
State: FL Zip Code: 32814 Phone # 407-775-5194
Email address: sthomas@linnengineering.com

D. WAIVER INFORMATION:

Section & Title of Code (be specific): _____ Section. 6.12.12- Sidewalks
Reason/Justification for Request (be specific): _____ Fee in lieu of construction.

DEVELOPMENT REVIEW USE:

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

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



**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) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

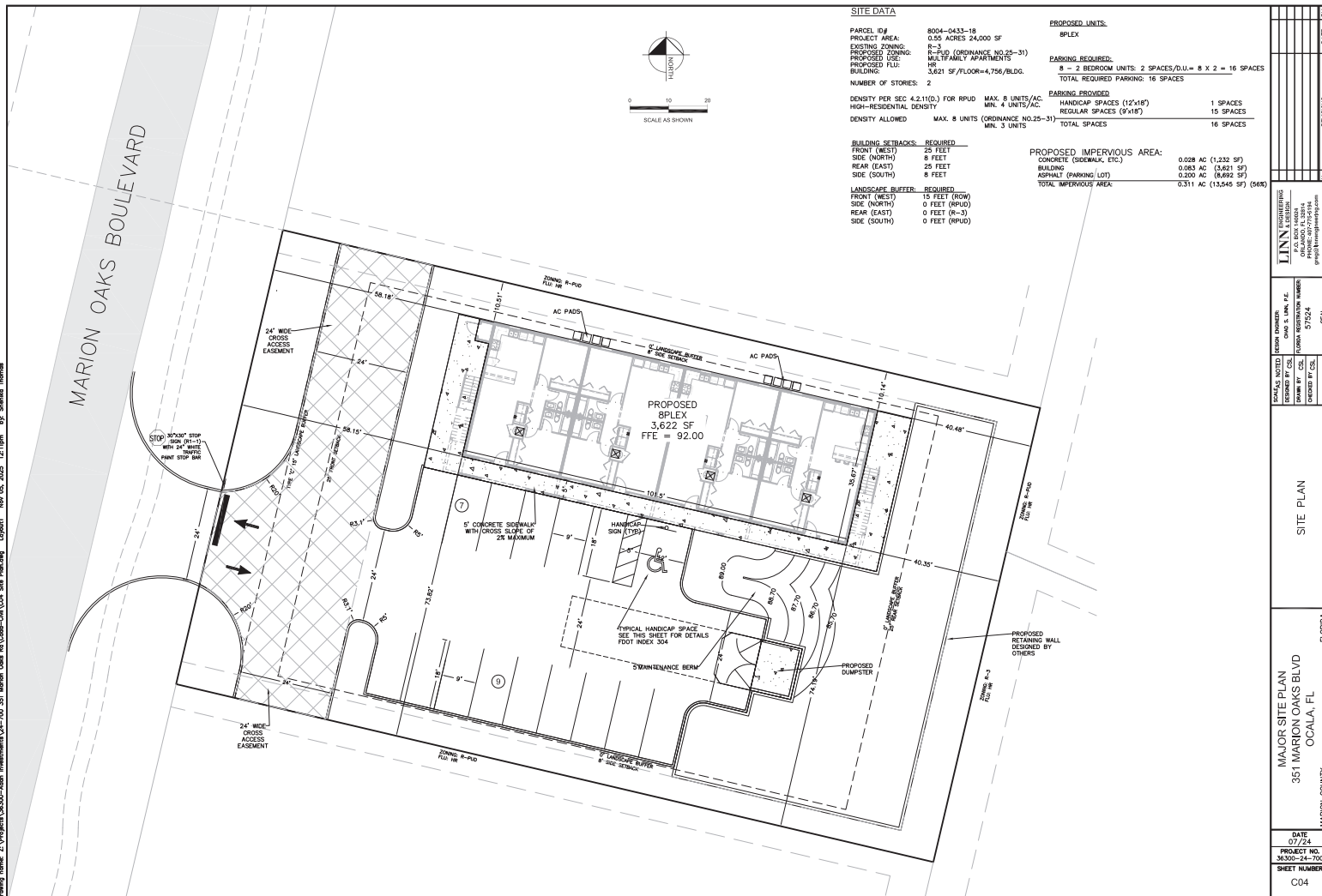
Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

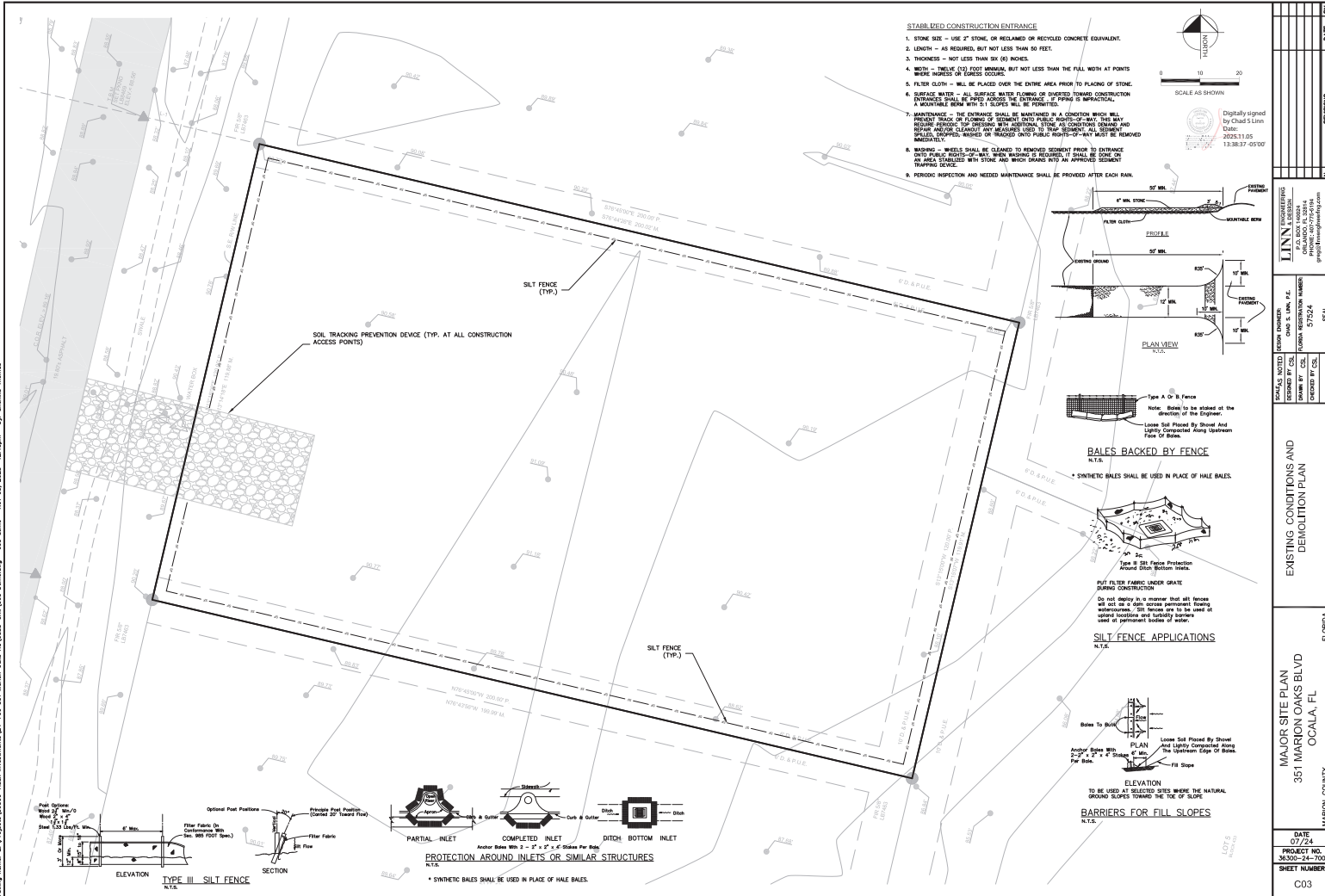
Reason/Justification for Request (be specific): _____



LOTS 18, BLOCK "433", MARION OAKS
UNIT NO. 4, ACCORDING TO THE MAP OR PLAT
THEREOF, AS RECORDED IN PLAT BOOK 0, PAGE(S) 53, OF THE
PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

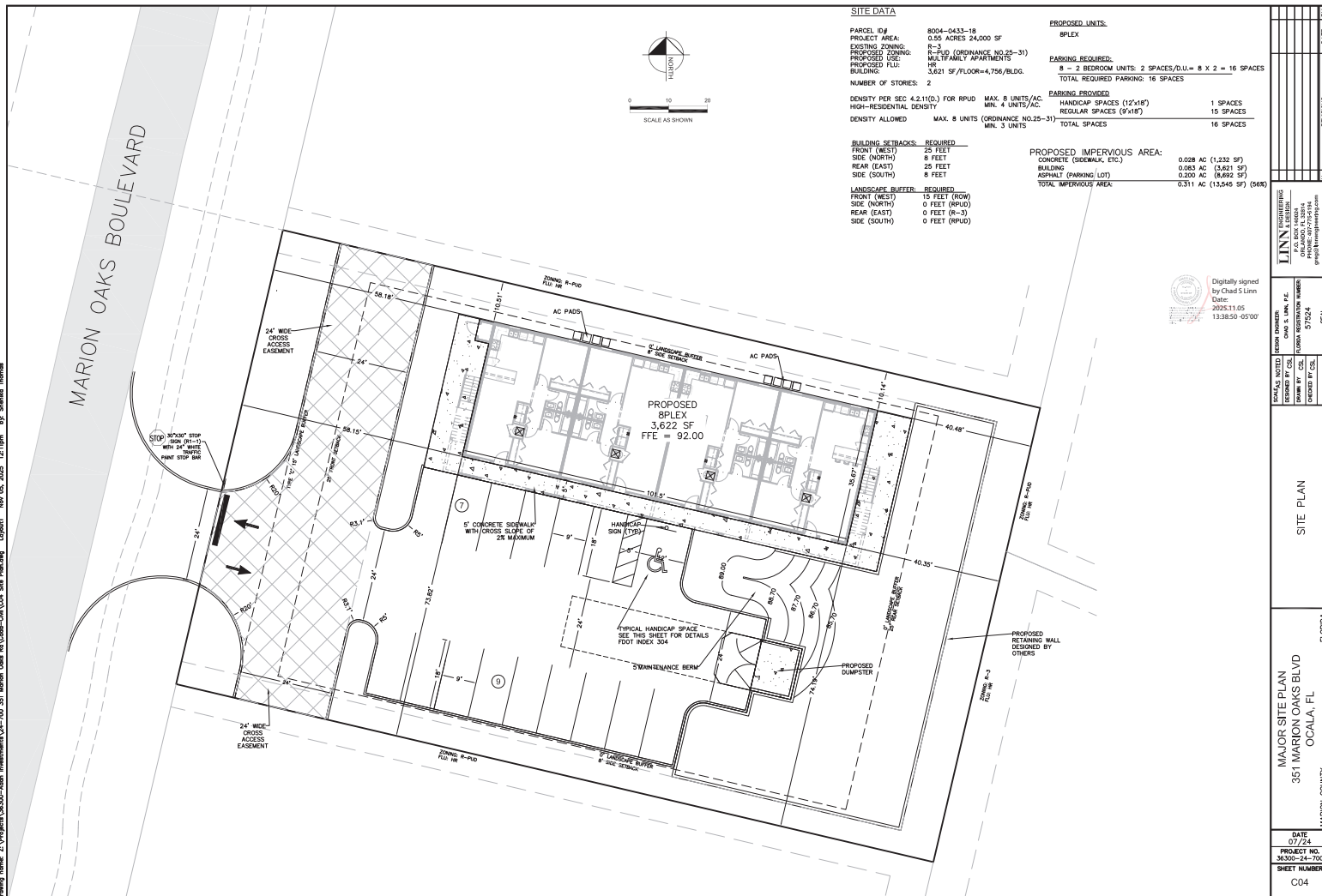
Beatriz E.

SHEET NUMBER	C01
PROJECT NO.	36,300-24-700
DATE	07/24
MARION COUNTY	FLORIDA
MAJOR SITE PLAN	
351 MARION OAKS BLVD	
Ocala, FL	
COVER SHEET	
DRAWN BY C.S.L.	DESIGNED BY C.S.L.
CHECKED BY C.S.L.	SEAL
LINN ENGINEERING	NO. 1 DESIGN
OKLAHOMA, L.P.	PHONE: 807-974-0194
REVISIONS	DATE BY
NO.	

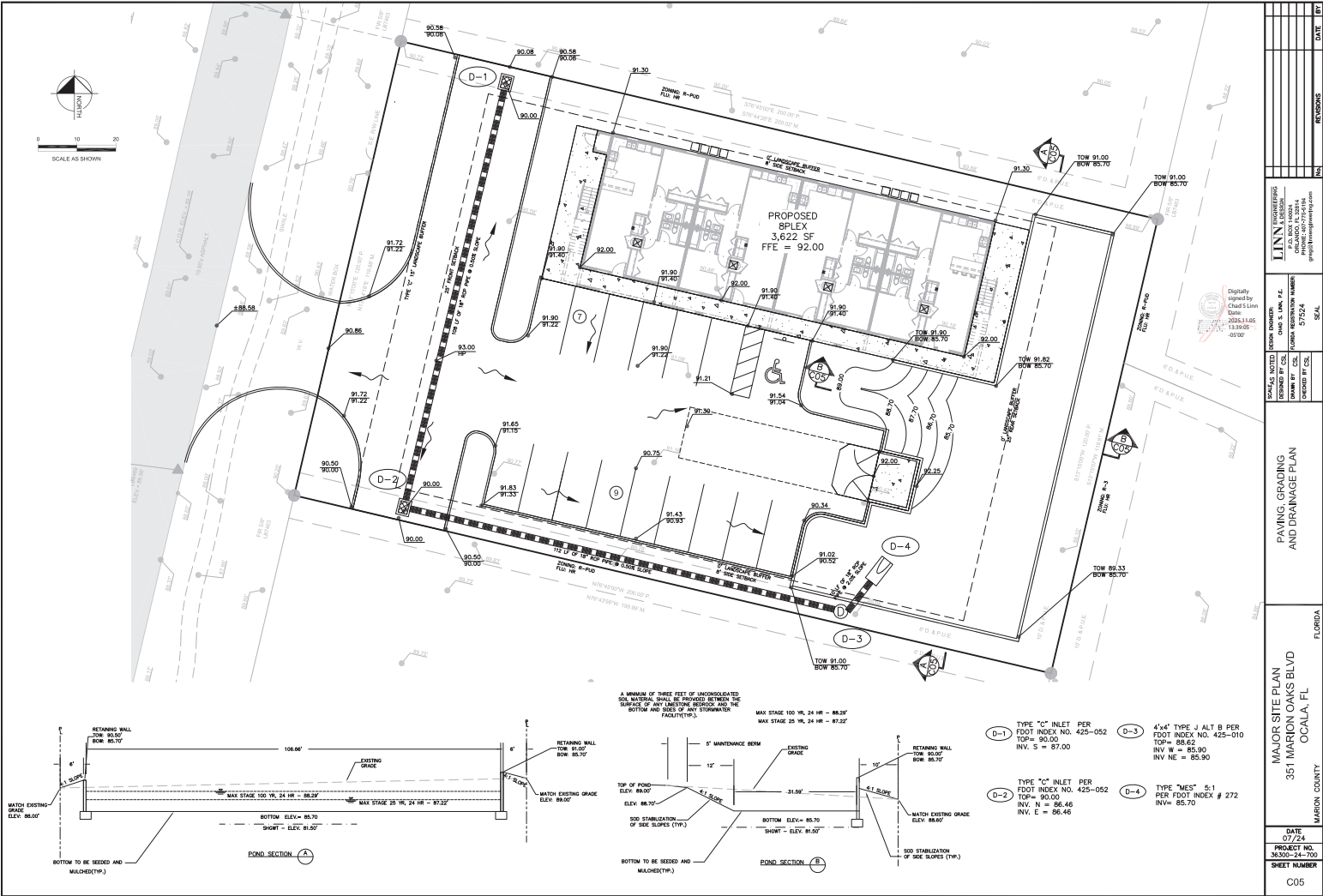


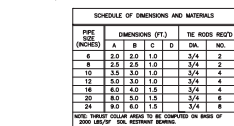
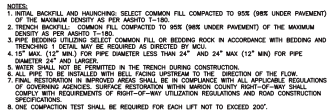
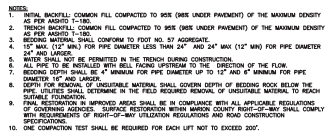
DATE	07/24/20
PROJECT NO.	30300-204-700
SHEET NUMBER	C03
MAJOR SITE PLAN 351 MARION OAKS BLVD OCALA, FL HAWAIIAN COUNTY	
EXISTING CONDITIONS AND DEMOLITION PLAN	
SOURCE, NOTES	FROM RECORD
DESIGNED BY	DAVE L. LANE, P.E.
DRAWN BY	DAVE L. LANE, P.E.
CHECKED BY	DAVE L. LANE, P.E.
DATE	07/24/20
LANN LANN ENGINEERING, INC. 10000 N. W. 10TH AVE., SUITE 100 MIAMI, FL 33157 TEL: 305-555-1234 FAX: 305-555-1235 WWW: WWW.LANNENGINEERING.COM E-MAIL: INFO@LANNENGINEERING.COM	

[illegible]



Drawing name: Z:\Projects\36300-Adm\Investments\36-700-351 Marion Oaks Rd\Grading\36300-Adm\36300-Grading.dwg Legend1: Mar 05, 2025 1:24pm by: Barbara Thomas

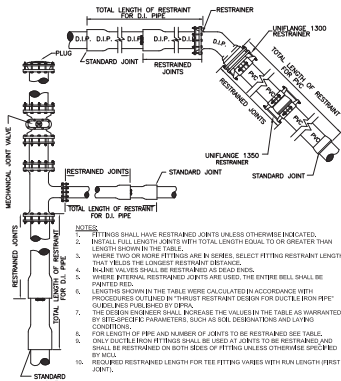
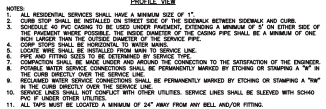




PIPE SIZE (INCHES)	DIMENSIONS (FT.)				TIE RODS REQ'D	
	A	B	C	D	DIA.	NO.
6	2.0	2.0	1.0		3/4	2
8	2.5	2.5	1.0		3/4	2
10	3.5	3.0	1.0		3/4	4
12	5.0	3.0	1.0		3/4	4
16	6.0	4.0	1.5		3/4	4
20	8.0	5.0	1.5		3/4	6
24	9.0	6.0	1.5		3/4	8

NOTE: THROTTLE COLLAR ALARS TO BE COMPUTED ON BASIS OF 2000 LBS./SQ. SOIL RESTRAINT BEARING.

1. ADDITIONAL REINFORCEMENTS SHALL BE AS SPECIFIED BY THE ENGINEER.
2. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE 3000 PSI.
3. BEDDING, BACKFILL AND COMPACTION SHALL BE AS SPECIFIED ELSEWHERE IN THE LAND DEVELOPMENT CODE.
4. ALL FORM BOARDS SHALL BE REMOVED PRIOR TO BACKFILL.
5. ALLOWANCE SHALL BE MADE FOR FRICTION BETWEEN THE PIPE WALL AND THE THRUST COLLAR.
6. DESIGN PRESSURE: 150 PSI.

[illegible]

45°	VO	15	13	17	21	24	21	38	94	Diameter of Large Pipe	132 136
	H	6	9	11	14	16	22	24	28		
	VU	6	9	11	14	16	22	24	28		
	VO	15	13	17	21	24	21	38	94		
90°	H	20	27	36	43	50	64	78	91	Diameter of Large Pipe	150 167 219
	VU	15	21	27	32	38	48	57	66		
	VU	15	21	27	32	38	48	57	66		
	VO	44	65	85	102	121	150	167	219		

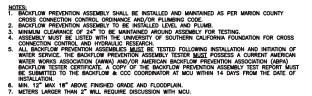
REQUIRED RESTRAINED LENGTH ON LARGER PIPE

REDUCER FITTING	Pipe Length (ft)									
	Diameter of Large Pipe									
3" Street	6"	8"	10"	12"	16"	20"	24"	30"	36"	48"
	4"	6"	8"	10"	12"	16"	20"	24"	30"	36"
	6"	8"	10"	12"	16"	20"	24"	30"	36"	48"
	8"	10"	12"	16"	20"	24"	30"	36"	48"	60"

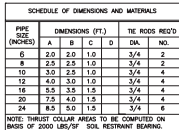
FORCE MAIN:

Revision Date By	MBCCC EFFECTIVE 10/12/2013	RESTRAINED PIPE TABLE
	REVISION # NA	


[illegible]



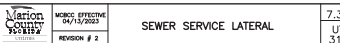
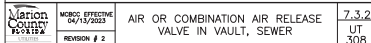
- NOTES:
1. BONNET COLORS SHALL BE IN ACCORDANCE WITH SEC. 6.18.2-G.
 2. HYDRANT SHALL BE 1' INSIDE OF RIGHT-OF-WAY, WHEN POSSIBLE.
 3. BLUE REFLECTOR SHALL BE PLACED IN THE MIDDLE OF THE ADJACENT TRAVEL LANE.
 4. RADIUS OF CLEAR SPACE AROUND THE FIRE HYDRANT SHALL BE IN ACCORDANCE WITH STANDARDS (NIPPA 1 SEC. 18.5.7, AS AMENDED).




- NOTES:**
1. ADDITIONAL REINFORCEMENTS SHALL BE AS SPECIFIED BY THE ENGINEER.
 2. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE 3000 PSI.
 3. BEDDING, BACKFILL, AND COMPACTION SHALL BE AS SPECIFIED ELSEWHERE IN THE STANDARD DRAWINGS.
 4. ALL FORM BOARDS SHALL BE REMOVED PRIOR TO BACKFILL.
 5. NO ALLOWANCE SHALL BE MADE FOR FRICTION BETWEEN THE PIPE WALL AND THE THRUST COLLAR.
 6. DESIGN PRESSURE: 100 PSI.
 7. REQUIRED FOR LINE STOPS, AS DETERMINED BY MCI.

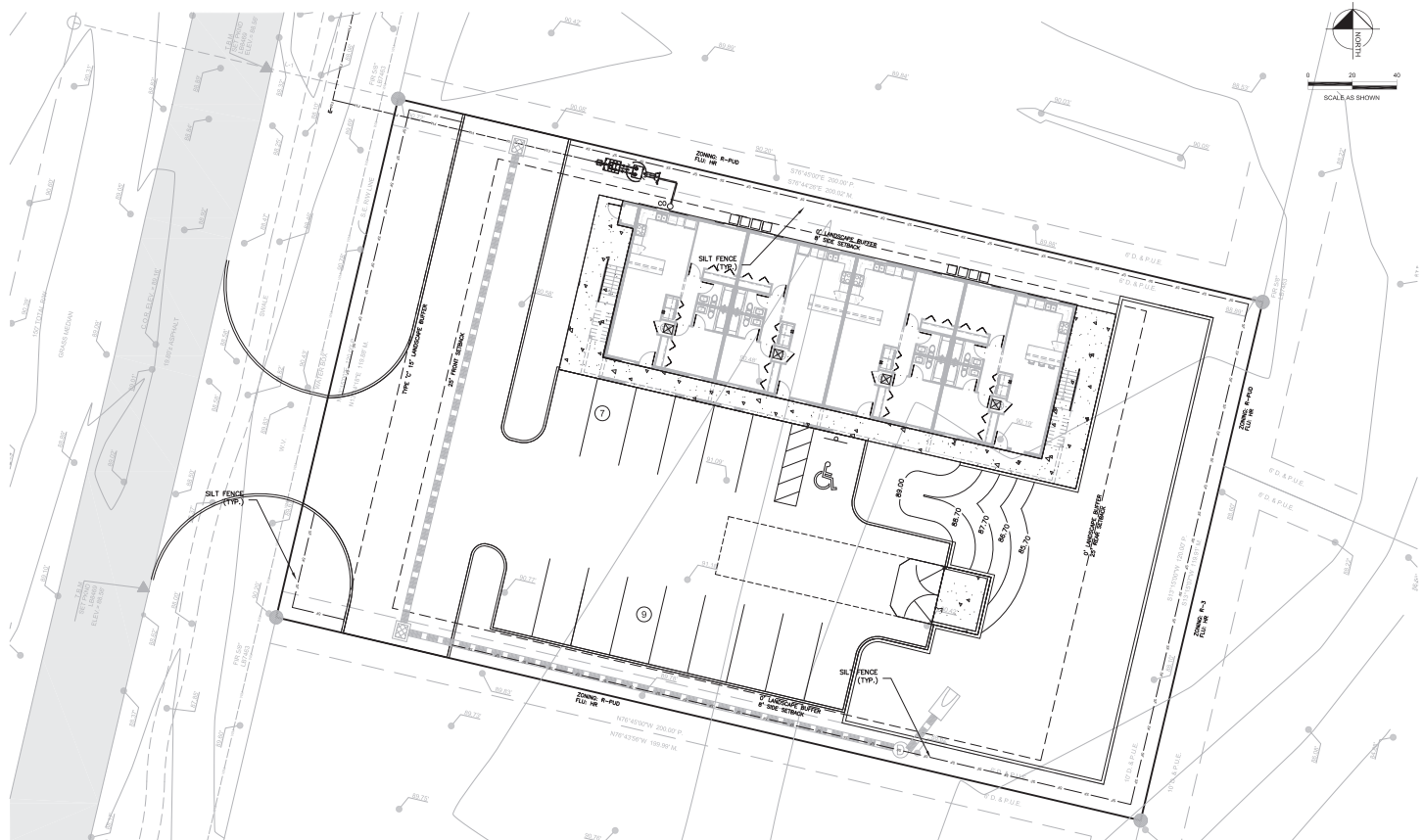
	MCRCC EFFECTIVE 04/13/2023	FIRE HYDRANT ASSEMBLY	7.3
	REVISION # 2		U1 21

7.2		MBOCC EFFECTIVE 04/13/2023	THRUST COLLAR WASTEWATER FORCE MAINS	7.3.2
UT 301		REVISION # 1		UT 301



 Marion County Florida	WQBC EFFECTIVE 04/13/2023	SEWER SERVICE LATERAL	7.3.2
	REVISION # 2		UT 312

 Marion County 200 N 152 U.S. HIGHWAY	MOROC EFFECTIVE 04/13/2023	SEWER SERVICE LATERAL	7.3.2
	REVISION # 2		UT 312




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by Chad S Linn
Date:
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SWPPP 2	MAJOR SITE PLAN 351 MARION OAKS BLVD OCALA, FL MARION COUNTY FLORIDA	DATE 07/24/14 PROJECT NO. 363500-001-1000 SHEET NUMBER	LINN ENGINEERING L. LINN, LICENSED 1000 N. W. 10TH AVE. OCALA, FL 32668 PHONE: 352-775-6194 greg@linnengr.com	DESIGN NOTED	DESIGN NUMBER	REVISIONS DATE BY
				DESIGNED BY COL	57524	
				DRAWN BY COL	57524	
				CHECKED BY COL		
				SCALE		
				EROSION CONTROL & STORMWATER POLLUTION PREVENTION PLAN		