



**PROJECT REVIEW COMMITTEE - CITY OF WILDWOOD**  
**PRC Chairperson – Melanie Strickland**

**Agenda**  
**Regular Meeting**  
**October 14, 2025 10:00 AM**  
Commission Conference Room 124  
100 N Main Street

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Persons with disabilities or language barriers needing assistance to participate in any of these proceedings should contact the City Clerk's Department, ADA Coordinator, at 352-330-1330, Ext. 103, forty-eight (48) hours in advance of the meeting.

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F.S.S. 286.0105 - If a person decides to appeal any decision made by the Commission with respect to any matter considered at this meeting, they will need a record of the proceedings, and that, for such purpose, they may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. The City of Wildwood DOES NOT provide this verbatim record.

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**I. Call to Order**

**II. Roll Call**

**III. APPROVAL OF SUMMARY MINUTES**

- 1. Project Review Committee Regular Meeting September 09, 2025, at 10:00 AM.**

**IV. OLD BUSINESS**

**V. NEW BUSINESS**

- 1. A25-0398 Twisted Oaks Mod - Circle K Pond Mod  
Parcel D31A218 and D31A216**

The applicant is seeking approval from the Project Review Committee for a minor modification to the previously approved PLAT 2205-001 Twisted Oaks Improvement Plan for the modification of the Circle K storm water ponds.

**Staff recommends approval.**

**2. A25-2840 New Horizon Plaza Mod**

**Parcel G18-039**

The applicant is seeking approval from the Project Review Committee for a minor modification to the previously approved New Horizon Plaza Improvement Plan (PLAT 2207-002) consisting of revisions to grading and retaining walls. **Staff recommends approval.**

**VI. ADJOURNMENT**

**October 14, 2025 10:00 AM**

**PROJECT REVIEW COMMITTEE OF THE CITY OF WILDWOOD  
EXECUTIVE SUMMARY**

**SUBJECT:** Project Review Committee Regular Meeting September 09, 2025, at 10:00 AM.

**REQUESTED ACTION:**

**CONTRACT:**

Vendor/Entity:

Effective Date:

Termination Date:

Managing Division/Department:

**BUDGET IMPACT:**

**HISTORY/FACTS/ISSUES:**

PROJECT REVIEW COMMITTEE  
 CITY OF WILDWOOD, FLORIDA  
 REGULAR MEETING  
 September 9, 2025 10:00 AM  
 COMMISSION CONFERENCE ROOM 124

(meeting taped)

**I. Call to Order**

Development Services Director Strickland brought the meeting to order at 10 a.m.

**II. Roll Call**

Attendee Name	Title	Status
Melanie Strickland	Development Services Director	Present
Jason McHugh	City Manager	Present
Jason Martin	Assistant Utilities Director	Present
Jeremy Hockenbury	Public Works Director	Absent
Randall Parmer	Police Chief	Present
Dan Horner	City Consulting Engineer	Present by Phone
Joshua Bills	City Attorney	Absent
Kristy Russell	Sumter County Economic Development Director	Present
Jessica Barnes	City Clerk	Present
Wendy Then	Assistant Development Services Director	Present
McKenna Page	Planner	Present
Alex Lammers	Planner	Present

**III. APPROVAL OF SUMMARY MINUTES**

1. Project Review Committee Regular Meeting August 13, 2025, at 10:00 AM.

The summary minutes from the August 13, 2025, meeting were approved. No discussion. Motion to approve by Assistant Utility Director Martin, seconded by Police Chief Parmer. Motion carried unanimously.

<b>RESULT:</b>	<b>Passed</b>
<b>MOVER:</b>	Assistant Utilities Director Martin
<b>SECONDER:</b>	Police Chief Parmer
<b>AYES:</b>	Development Services Director Strickland, City Manager McHugh, Police Chief Parmer, Assistant Utilities Director Martin

**IV. OLD BUSINESS**

1. A25-1564 Plant Expansion, Charlotte Pipe and Foundry

Development Services Director Strickland read aloud case number A25-1564 Plant Expansion, Charlotte Pipe and Foundry. The applicant sought a favorable recommendation from the Project Review Committee for the construction of a 54,675 sq. ft. expansion to Charlotte Pipe and Foundry with an additional 80,080 sq. ft. outdoor pipe storage area, and 28,125 sq. ft. truck staging expansion, and associated infrastructure. There was one outstanding comment regarding lift station capacity, which Assistant Utility Director Martin addressed. Aaron Yardy, Tom Willie, Bob Gallagher, and Kristy Russell were present on behalf of the project. An extensive conversation was held regarding the proposed cooling tanks and lift station capacity. Assistant Utilities Director Martin stated he was not comfortable moving forward until an agreement was made to reduce flows. Several comments were offered by City Manager McHugh and Strickland regarding the upgrades and the applicant's options. Motion by City Manager McHugh, seconded by Police Chief Parmer, to approve the project. Assistant Utility Director Martin opposed.

<b>RESULT:</b>	<b>Passed</b>
<b>MOVER:</b>	City Manager McHugh
<b>SECONDER:</b>	Police Chief Parmer
<b>AYES:</b>	Development Services Director Strickland, City Manager McHugh, Police Chief Parmer

**V. NEW BUSINESS**

1. A25-1117 Home Depot Mod

Development Services Director Strickland read aloud case number A25-1117 Home Depot Mod. The applicant sought approval from the Project Review Committee for a minor modification to the previously approved Home Depot Wildwood at Wildwood Crossing (SP 2210-002) consisting of revisions to the storm water pond. Mike Dula with Kimley-Horn was present on behalf of the project. He advised there had been issues with the pond during construction. A sinkhole was discovered and in order to remediate it, certain modifications were made to the pond slopes. A fence was also added to protect the increased slopes. A technical waiver was submitted for the requirement of a 12-foot wide access berm around the pond. Motion by City Manager McHugh, seconded by Police Chief Parmer, to approve the modification inclusive of the requested technical waiver. Motion carried unanimously.

<b>RESULT:</b>	<b>Passed</b>
<b>MOVER:</b>	City Manager McHugh
<b>SECONDER:</b>	Police Chief Parmer
<b>AYES:</b>	Development Services Director Strickland, City Manager McHugh, Police Chief Parmer, Assistant Utilities Director Martin

2. SPM 2408-009 Trailwinds Village The Wilds Phase 3 Modification

Development Services Director Strickland read aloud case number SPM 2408-009 Trailwinds Village The Wilds Phase 3 Modification. The applicant sought a favorable recommendation from

the Project Review Committee addressing revisions to Phase 3, including the elimination of a Single-Family/Multi-family Residential Development consisting of 18 dwelling units and 48 parking spaces, now proposing the installation of a retaining wall around the perimeter of Phase 3 and establishing this area as open area/common space, on parcel G04LRI-002, consisting of 21.02 acres MOL. Chris Potts on behalf of the applicant, was present by phone. He explained the reasoning behind the modification, stating the applicant decided not to build the original structures, turning them instead into open space. The applicant may come back in a few years to revisit the structures. Motion by City Manager McHugh, seconded by Police Chief Parmer, to approve the modification.

<b>RESULT:</b>	<b>Passed</b>
<b>MOVER:</b>	City Manager McHugh
<b>SECONDER:</b>	Police Chief Parmer
<b>AYES:</b>	Development Services Director Strickland, City Manager McHugh, Police Chief Parmer, Assistant Utilities Director Martin

3. A25-0944 Sweet Six

Development Services Director Strickland read aloud case number A25-0944 Sweet Six. The applicant sought a favorable recommendation from the Project Review Committee for the construction of a four-story, 98-unit Hawthorn hotel building, five hundred and ninety-nine (599) parking spaces, including associated infrastructure, on parcels D32-028, D32-029, D32-034, and D32-167, consisting of 15.06 acres MOL. Planner Page stated th comments had been cleared and that the applicant had made changes to the elevation. Mohammed Murad with Kimley-Horn on behalf of the applicant, was present by phone. He explained the engineering aspect of the elevations, but he could make minor modifications based on staff comments. Brian Hannula with Track West Ventures was also present, and added additional information on the project. A discussion was held regarding the technical waiver request and the building's flat roof design. Motion by Police Chief Parmer, seconded by City Manager McHugh, to approve the modification, with the contingency that the applicant will work with city staff to come up with acceptable design standards meeting the modifications. McHugh clarified that the motion was denying the technical waiver, and Strickland confirmed.

<b>RESULT:</b>	<b>Passed</b>
<b>MOVER:</b>	Police Chief Parmer
<b>SECONDER:</b>	City Manager McHugh
<b>AYES:</b>	Development Services Director Strickland, City Manager McHugh, Police Chief Parmer, Assistant Utilities Director Martin

**VI. ADJOURNMENT**

With no further business to discuss, the meeting was adjourned at 10:47 a.m.

<b>RESULT:</b>	<b>Passed</b>
<b>MOVER:</b>	Assistant Utilities Director Martin
<b>SECONDER:</b>	City Manager McHugh
<b>AYES:</b>	Development Services Director Strickland, City Manager McHugh, Police Chief Parmer, Assistant Utilities Director Martin

SEAL

PROJECT REVIEW COMMITTEE  
CITY OF WILDWOOD, FLORIDA

\_\_\_\_\_  
Approval Signature

\_\_\_\_\_  
Date

**PROJECT REVIEW COMMITTEE OF THE CITY OF WILDWOOD  
EXECUTIVE SUMMARY**

**SUBJECT:** A25-0398 Twisted Oaks Mod - Circle K Pond Mod

**REQUESTED ACTION:** Staff recommends approval.

**CONTRACT:**

**BUDGET IMPACT:**

**HISTORY/FACTS/ISSUES:**

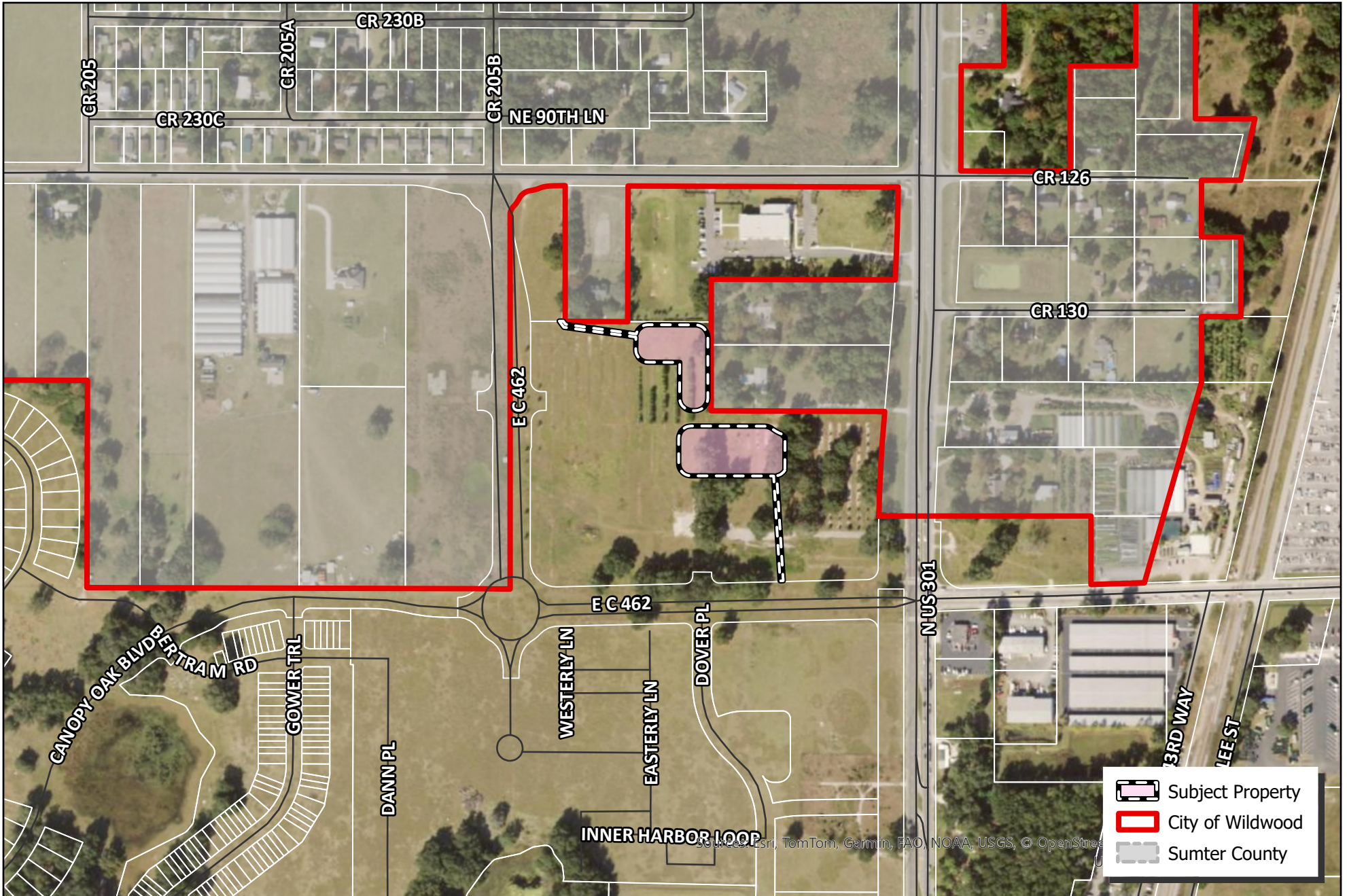
Case Number	A25-0398 Twisted Oaks Mod - Circle K Pond Mod
Owner	KL Twisted Oaks, LLC
Applicant	Morris Engineering & Consulting, LLC
Acreage	33.26 +/-
Property Location	The subject property is generally located in the southwest corner of the intersection of N US 301 and CR 462.
Parcel(s)	D31A218 and D31A216




The applicant is seeking approval from the Project Review Committee for a minor modification to the previously approved PLAT 2205-001 Twisted Oaks Improvement Plan for the modification of the Circle K storm water ponds. The proposed revisions consist of changes to the Lake 24 configuration and the addition of a pond to serve the multifamily/commercial part of the previously permitted development.

A25-0398 meets the criteria set fourth within the Land Development Regulations, Design District Standards, and is consistent with the goals, objectives, and policies of the City's Comprehensive Plan, subject to clearing of final comments.



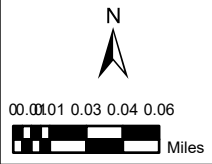
Alex Lammers  
Planner I, Development Services



	Subject Property
	City of Wildwood
	Sumter County



**CITY OF WILDWOOD**  
 100 North Main Street  
 Wildwood, FL 34785  
 Phone: (352) 330-1330  
[www.wildwood-fl.gov](http://www.wildwood-fl.gov)



PJ #A25-0398  
**TWISTED OAKS MOD - CIRCLE K PONDS**  
 PARCEL D21A218

**MAP 1B**  
**LOCATION**  
**MAP**  
**MAR 2025**

**GENERAL CONSTRUCTION NOTES**

- ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 1988. (NAVD=NGVD93+0.67 APPROX.)
- LOCATION, ELEVATION & DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, & OTHER FEATURES ARE SHOWN ACCORDING TO BEST AVAILABLE RECORDS. THE PREPARATION OF THESE PLANS BY THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATION, & DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES & OTHER FEATURES AFFECTING THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES, & SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE UTILITY OWNERS IN ORDER TO FOREWARN THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, IN ADVANCE OF CONSTRUCTION, BY CALLING "SUBSHAKE" AT 1-800-432-4770. THE CONTRACTOR IS RESPONSIBLE FOR CONTRACTING ALL UTILITIES NOT SHOWN ON THESE PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
- ALL UNDERGROUND UTILITIES MUST BE IN PLACE & TESTED OR INSPECTED PRIOR TO PAVEMENT & STRUCTURE CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT & INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, & SCHEDULE INSPECTIONS ACCORDING TO AGENCY REQUIREMENTS & CODES.
- ALL SPECIFICATIONS & DOCUMENTS REFERENCED BY THE PLANS & PERMITS SHALL BE OF LATEST REVISIONS &/OR LATEST EDITION.
- ALL WORK BY CONTRACTOR/SUBCONTRACTOR SHALL COMPLY WITH THE REGULATIONS & ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE OWNER'S ENGINEER, SHOP DRAWINGS ON ALL PROPOSED PRECAST & MANUFACTURED STRUCTURES. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE. ALL SHOP DRAWINGS ARE TO BE REVIEWED & APPROVED BY CONTRACTOR SIGNATURE PRIOR TO SUBMITTAL TO THE OWNER'S ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER & APPROPRIATE AGENCIES, & PROVIDE THEM WITH ALL REQUIRED SHOP DRAWINGS, THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED SCHEDULE & OTHER INFORMATION AS REQUIRED, AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, ANY WORK PERFORMED PRIOR TO NOTIFYING THE ENGINEER, OR WITHOUT INSPECTOR PRESENT, MAY BE DEEMED NON-COMPLIANT & WILL BE SUBJECT TO REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- SAFETY MATERIAL SHALL BE COMPACTED AROUND PIPES IN 6" LAYERS UP TO A LEVEL OF AT LEAST ONE FOOT ABOVE THE TOP & BELOW BOTTOM OF THE PIPE. IN AREAS TO BE PAVED, BACKFILL SHALL BE COMPACTED TO 100% MAXIMUM DENSITY AS DETERMINED BY ASTM D 1559.
- SITE WORK CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF AT LEAST 4,000 P.S.I. IN 28 DAYS, UNLESS OTHERWISE NOTED.
- CONCRETE REINFORCEMENT SHALL CONFORM TO ASTM A615 GRADE OR BETTER, UNLESS OTHERWISE INDICATED ON STRUCTURE PLANS.
- ALL PRIVATE & PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. ADDITIONAL COSTS SHALL BE COORDINATED BETWEEN CONTRACTOR & VENDOR.
- CHAPTER 77-151 OF THE FLORIDA STATUTES REQUIRES THAT THE REPAIR WORK NOTIFY A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATING. THESE PLANS SHOW ONLY THE APPROXIMATE LOCATION OF GAS MAINS, AN ON-SITE REPORT BY THE RESPECTIVE GAS COMPANY SHALL BE CALLED FOR BY THE CONTRACTOR TWO (2) WORKING DAYS BEFORE ENTERING A CONSTRUCTION AREA.
- THE CONTRACTOR IS TO REVIEW THE DESIGN LOGS, REPORTS & BORINGS PRIOR TO BIDDING THE PROJECT & PRIOR TO COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS & PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES.
- THE CONTRACTOR SHALL MAINTAIN THE RESTRICTION OF THE CONTRACTOR REGARDING CONSTRUCTION SAFETY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS & METHODS FOR CONSTRUCTION SITE SAFETY.
- SAFETY AND METHODS OF CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ACCORDING TO THE ACCORDANCE WITH LOCAL MINIMUM DRAWING & SUBMITTAL REQUIREMENTS FOR POTABLE WATER, WASTEWATER, & RECLAIMED WATER PROJECTS. STREET LIGHTS TO BE SUPPLIED FOR THE RECORD DRAWINGS.
- WATER & WASTEWATER SYSTEMS WILL BE OWNED & MAINTAINED BY CITY OF WILDWOOD. CITY OF WILDWOOD UTILITY STANDARDS WHICH MINIMUM ALLOWABLE CONSTRUCTION STANDARDS. THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF WILDWOOD IN THESE PLANS CONFLICT WITH THE CITY OF WILDWOOD UTILITY STANDARDS THE MORE STRINGENT INTERPRETATION, AS DETERMINED BY THE CITY OF WILDWOOD.
- ALL LAND CONTAINED WITHIN STORM WATER TREATMENT LAKE TRACTS, FLOODPLAIN IMPACT COMPENSATION TRACTS, DRAINAGE EXEMPTIONS, & WETLAND PRESERVATION TRACTS SHALL ALSO BE A PUBLIC FLOODING EXEMPTION.
- ALL INLAND, EXOTIC PLANT SPECIES SHALL BE REMOVED FROM UPLAND PORTIONS OF LAND DEVELOPMENT SITES DURING CONSTRUCTION. DEVELOPER SHALL PROVIDE PROTECTIVE MEASURES FOR WETLANDS, SENSITIVE PLANT SPECIES THAT BECOME RE-ESTABLISHED WITHIN COMMON AREAS OF A RESIDENTIAL DEVELOPMENT FOR THE LIFE OF THE PROJECT.
- CONTRACTOR SHALL SUBMITTAL A PRE-CONSTRUCTION MEETING WITH THE CITY OF WILDWOOD PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- CONCRETE BIDDING IS REQUIRED FOR DEVELOPMENT & INFRASTRUCTURE PLANNED WITHIN ALL CRITICAL ROOT ZONES (CRZ) OF TREES.

**GENERAL SAFETY NOTES**

- DURING THE CONSTRUCTION &/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED BY THE CONTRACTOR. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL & SAFETY OF THE TRAVELING PUBLIC & THE SAFETY OF HIS PERSONNEL.
- THE CONTRACTOR SHALL MAINTAIN CURRENT LISTINGS OF THE STATE OF FLORIDA, MUNICIPAL TRAFFIC CONTROL & SAFE PRACTICES FOR STREET & HIGHWAY CONSTRUCTION, MAINTENANCE & UTILITY OPERATIONS SHALL BE FOLLOWED IN THE ZONE APPLICATIONS, LOCAL DEVELOPMENT & MAINTENANCE, & UTILITY OPERATIONS SERVICES.
- BARRIERS NECESSARY TO PROTECT THE PUBLIC & WORKERS FROM HAZARDS WITHIN THE PROJECT LIMITS.
- TRAFFIC CONTROL, MAINTENANCE & SAFETY OF THE PUBLIC SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION, & LATER SAFETY REGULATIONS TO THE PROVISIONS SET FORTH BY OTHER FEDERAL, STATE, & LOCAL AGENCIES, & THE FLORIDA DEPARTMENT OF TRANSPORTATION REGULATIONS.
- IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY & ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY & DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT OR ENFORCE SAFETY REGULATIONS.

**CLEANING & EROSION CONTROL NOTES**

- ALL CONSTRUCTION DEBRIS & OTHER WASTE MATERIAL SHALL BE DEPOSITED OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATIONS, OR TO BE REMOVED BY HANDS & IDENTIFIED WITHIN THE PROPERTY LINE OF THE PROJECT.
- THE LOCATION OF ALL EXISTING UTILITIES SHALL BE SHOWN AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- AVAILABLE & ARE OBLIGED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF UTILITIES & TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE UTILITY OWNERS.
- ALL EXCAVATION SHALL BE PROTECTED WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHOWING ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE CONTRACTOR. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE UTILITY COMPANIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE & WILL BE RESPONSIBLE FOR THE LOCATION & REMOVAL OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE LOCATION OF NEW UTILITIES, SHOULD ANY DISCREPANCIES FIRST WITH THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE OWNER & REQUESTING A CLARIFICATION OF THE LOCATION OF UTILITIES.
- DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SECONDARY TRAPPS SUCH AS SECURED MAN BAILS, SAND STONES, ETC. WHICH SHALL BE MAINTAINED & MONITORED AS REQUIRED BY CONSTRUCTION.
- ALL EROSION & SILTATION CONTROL METHODS INCLUDING TREE PROTECTIVE BARRIERS, SHALL BE IMPLEMENTED PRIOR TO ANY EXCAVATION ACTIVITIES & SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- CONSTRUCTION SHALL BE AS DESCRIBED IN ANSI A300 PART 5, PART 6, AND PART 8.
- CONTRACTOR IS TO PROVIDE EROSION CONTROL/STABILIZATION BARRIERS THAT ARE TO BE MAINTAINED THROUGHOUT THE SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, & EXISTING WETLANDS. IN ADDITION, THE CONTRACTOR SHALL PLACE A SOIL TRACKING PROTECTION DEVICE WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER & EXIT THE SITE IF IN THE OPINION OF THE ENGINEER &/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE DUE TO MATERIAL DRAGAGE OR VEHICULAR TRAFFIC. THE CONTRACTOR IS TO REMAIN ON SITE UNTIL THE SATISFACTION OF THE ENGINEER &/OR AUTHORITIES.
- IF AND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, FERTILIZATION, OR OTHER ACCEPTABLE METHODS.
- THERE IS TO BE NO DISCHARGE (I.E. PUMPING, SQUEEZE FROM SHALE, ETC.) INTO EXISTING LAKE SYSTEM, WETLAND, OR RIVER, WITHOUT THE USE OF SETTLING PONDS. A SETTLING POND PLAN MUST BE SUBMITTED & APPROVED BY THE ENGINEER OR RECORD & LOCAL REGULATORY AGENCY PRIOR TO CONSTRUCTION.
- ALL DISTURBED AREAS WHICH ARE NOT TO BE SODDED ARE TO BE SEEDS & MULCHED TO FOOT STANDARDS & MAINTAINED UNTIL ACCEPTABLE TO THE REGULATORY AGENCY & ENGINEER OF RECORD. ANY WASHOUTS, REGRADING, ROSSING, SOODING, OR OTHER EROSION WORK REQUIRED WILL BE PERFORMED BY THE CONTRACTOR UNTIL THE SYSTEM IS ACCEPTED BY THE OWNER, REGULATORY AGENCY, & ENGINEER OF RECORD.
- ALL SODDING, SEEDING & MULCHING SHALL INCLUDE WATERING & FERTILIZATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS UNTIL THE PROJECT IS COMPLETED & ACCEPTED BY THE OWNER.

**PAVING, GRADING & DRAINAGE NOTES**

- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE & WILL PROVIDE BRACING, SHIELDING, OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPE & AFFURTEANCES ARE BEING PLACED. BACKFILLING SHALL BE USED AS REQUIRED.
- PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE OWNER'S ENGINEER FOR APPROVAL.
- THE CONTRACTOR IS TO PROVIDE A 1/2" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER, AT ABUTMENT OF CONCRETE & CURB STRUCTURE.
- THE CONTRACTOR IS TO INSTALL EXTRA BASE MATERIAL, WHEN THE DISTANCE BETWEEN THE PAVEMENT ELEVATION & THE TOP OF THE PIPE OR DRAIN IS LESS THAN TWICE (2X) DEPTH. SEE EXTRA BASE FOR CROSS CURBS UNDER FLEXIBLE PAVEMENT DETAIL.
- ALL STORM DRAINAGE PIPE (DESIGNATED AS 'SD' ON PLANS) SHALL BE REINFORCED CONCRETE CLASS IN (ASTM C-76), CORRUGATED HDPE (ASTM FPE-12), OR APPROVED EQUAL.
- PIPE SIZES SHALL BE 12" OR SMALLER, CONFORM TO ANNA C-200, CLASS 150 STANDARDS, UNLESS OTHERWISE NOTED.
- PIPE LENGTHS SHOWN ARE APPROXIMATE & ARE MEASURED TO END OF PIPE.
- ALL DRAINAGE STRUCTURE GRATES & COVERS WHEN TRAFFIC AREAS SHALL BE TRAFFIC RATED FOR & CAPABLE OF WITHSTANDING H=20 LOADINGS.
- MATERIALS & CONSTRUCTION METHODS FOR STREETS & STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY & LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE FIELD NOTES MARKED ON AN APPROVED SET OF CONSTRUCTION PLANS TO OWNER'S ENGINEER & RECORD & LOCAL REGULATORY AGENCY PRIOR TO CONSTRUCTION.
- ROOF DRAIN PIPES SHALL BE PVS200 (40), OR CORRUGATED HDPE (ASTM F-12, OR APPROVED EQUAL) AS INDICATED ON THE PLANS.
- EXCAVATION OF RETENTION PONDS SHALL CEASE AT THE DEPTH INDICATED (CLAY) LAYER OF MATERIAL IS ENCOUNTERED.

**PAVING, GRADING & DRAINAGE TESTING & INSPECTION REQUIREMENTS**

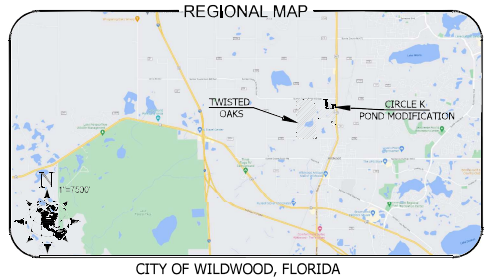
- THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE START OF BACKFILLING OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION.
- THE CONTRACTOR SHALL MAINTAIN THE STORM DRAINAGE SYSTEMS UNTIL FINAL ACCEPTANCE OF THE PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL TESTING REQUIRED BY THE CONTRACTING PLANS BY THE SOLE ENGINEER. UPON COMPLETION OF THE WORK, THE SOLE ENGINEER SHALL SUBMIT CERTIFICATIONS TO THE OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
- TV VIDEO INSPECTION IS REQUIRED FOR ALL POP (STORMWATER PIPES WHICH CONVEY RUNOFF STREETS (PUBLIC OR PRIVATE), LAKE OR POND) PIPES. INSPECTION SHALL BE CONDUCTED FOR ALL PIPES WHICH CONVEY RUNOFF STREETS (PUBLIC OR PRIVATE) FOR PIPES 48 INCHES OR LESS IN DIAMETER, PROVIDE THE ENGINEER A VIDEO LOG AND REPORT USING LOW BARREL DISTORTION VIDEO EQUIPMENT WITH PROTECTIVE HOLES, CONTACT MICROLOGY, VIDEO CONTACT MICROLOGY, AND ASSOCIATED SOFTWARE (OR APPROVED EQUAL) THAT PROVIDES:
- ACTUAL RECORDED LENGTH AND WIDTH MEASUREMENTS OF ALL CRACKS WITHIN THE PIPE.
- PIPE QUALITY REPORT.
- DEFLECTION MEASUREMENTS AND GRAPHICAL DRAINAGE ANALYSIS REPORT IN TERMS OF X AND Y AXIS.
- FLAT ANALYSIS REPORT.
- REPRESENTATIVE DIMENSIONS OF THE PIPE.
- PIPE SEPARATION MEASUREMENTS, LEAKS, DEBRIS, OR OTHER DAMAGE TO DEPECTS.
- ELEVATION IN PIPE LINE AND GRADE, JOINT GAPS, AND JOINT MISALIGNMENT.

# CONSTRUCTION PLANS for TWISTED OAKS

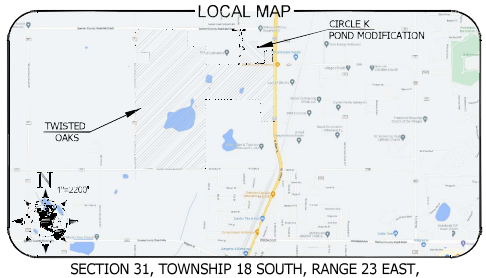
## A PLANNED DEVELOPMENT SUBDIVISION

PROPERTY ADDRESS: 8616 N US 301, WILDWOOD, FLORIDA 34785,  
SECTION 31, TOWNSHIP 18 SOUTH, RANGE 23 EAST  
SUMTER COUNTY PROPERTY APPRAISER PARCEL IDENTIFICATION  
NUMBER: D31A216 & D31A218

A DEVELOPMENT BY  
**KOLTER GROUP ACQUISITIONS, LLC**  
105 NE 1st STREET  
DELRAY BEACH, FLORIDA 33444



CITY OF WILDWOOD, FLORIDA



SECTION 31, TOWNSHIP 18 SOUTH, RANGE 23 EAST,  
SUMTER COUNTY, FLORIDA

**INDEX OF SHEETS**

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2	EXISTING CONDITIONS
3	AERIAL SITE PLAN
4	MASTER SITE PLAN
5	PRELIMINARY PLAN
6	MASTER DRAINAGE PLAN
7	MASTER UTILITY PLAN
22,24	PAVING, GRADING, & DRAINAGE PLANS
29	PLAN & PROFILE KEY
29-60	PLAN & PROFILES
61-64	LIFT STATION PLANS & DETAILS
65	PAVING, GRADING, & DRAINAGE DETAILS
66-67	PAVING, GRADING, & DRAINAGE DETAILS
68	POTABLE WATER SYSTEM DETAILS
69	WASTEWATER COLLECTION SYSTEM DETAILS
70	BEST MANAGEMENT PRACTICES PLAN

**CIRCLE K POND MODIFICATION PARCEL**

DESCRIPTION:  
Tracts M-2 and P-1, Twisted Oaks, as recorded in Plat Book 21, Pages 10 through 18T, of the public records of Sumter County, Florida.

**PROJECT CONTACTS**

**ENGINEER**  
MATTHEW J. MORRIS P.E.  
MORRIS ENGINEERING AND CONSULTING, LLC  
6997 PROFESSIONAL PARKWAY EAST, SUITE B  
SARASOTA, FLORIDA 34237  
813-444-6644  
www.morrisengineering.net

**SURVEYOR**  
SCOTT SURVEYING INC  
1001 W. MAIN ST  
WILDWOOD, FL 34785  
904-299-7330

**ELECTRIC**  
DAVE ENGLISH  
REK BROS  
PROJECT ENGINEER  
105 NE 1st STREET  
DELRAY BEACH, FLORIDA 33444  
914-414-0244

**DEVELOPER**  
KOLTER GROUP ACQUISITIONS, LLC  
105 NE 1st STREET  
DELRAY BEACH, FLORIDA 33444  
914-414-0244  
www.kolterid.com

**UTILITIES**

**WATER**  
CITY OF WILDWOOD UTILITIES  
10761 MAIN ST  
WILDWOOD, FL 34785  
(904) 299-3330

**SEWER**  
CITY OF WILDWOOD UTILITIES  
10761 MAIN ST  
WILDWOOD, FL 34785  
(904) 299-7330

**ELECTRIC**  
DAVE ENGLISH  
REK BROS  
PROJECT ENGINEER  
105 NE 1st STREET  
DELRAY BEACH, FLORIDA 33444  
914-414-0244

**SOLID WASTE**  
WASTE MANAGEMENT  
SCOTT GOULTHARD  
COMMERCIAL ROUTE MANAGER  
8708 NE 4th DRIVE  
188 DUNDON, FL 34785  
(904) 299-6931 (scott@wmsm.com)

**GAS**  
TECO REGIOLE GAS  
702 N FRANKLIN ST  
TAMPA, FL 33602  
877-832-8747

**INTERNET:**  
BLUE STREAM  
4204 WINDY GRAVE  
CORAL SPRINGS, FLORIDA  
954-733-1100



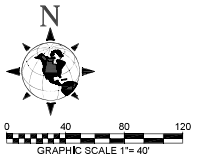
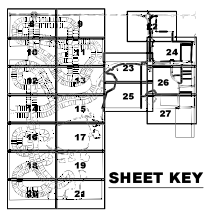
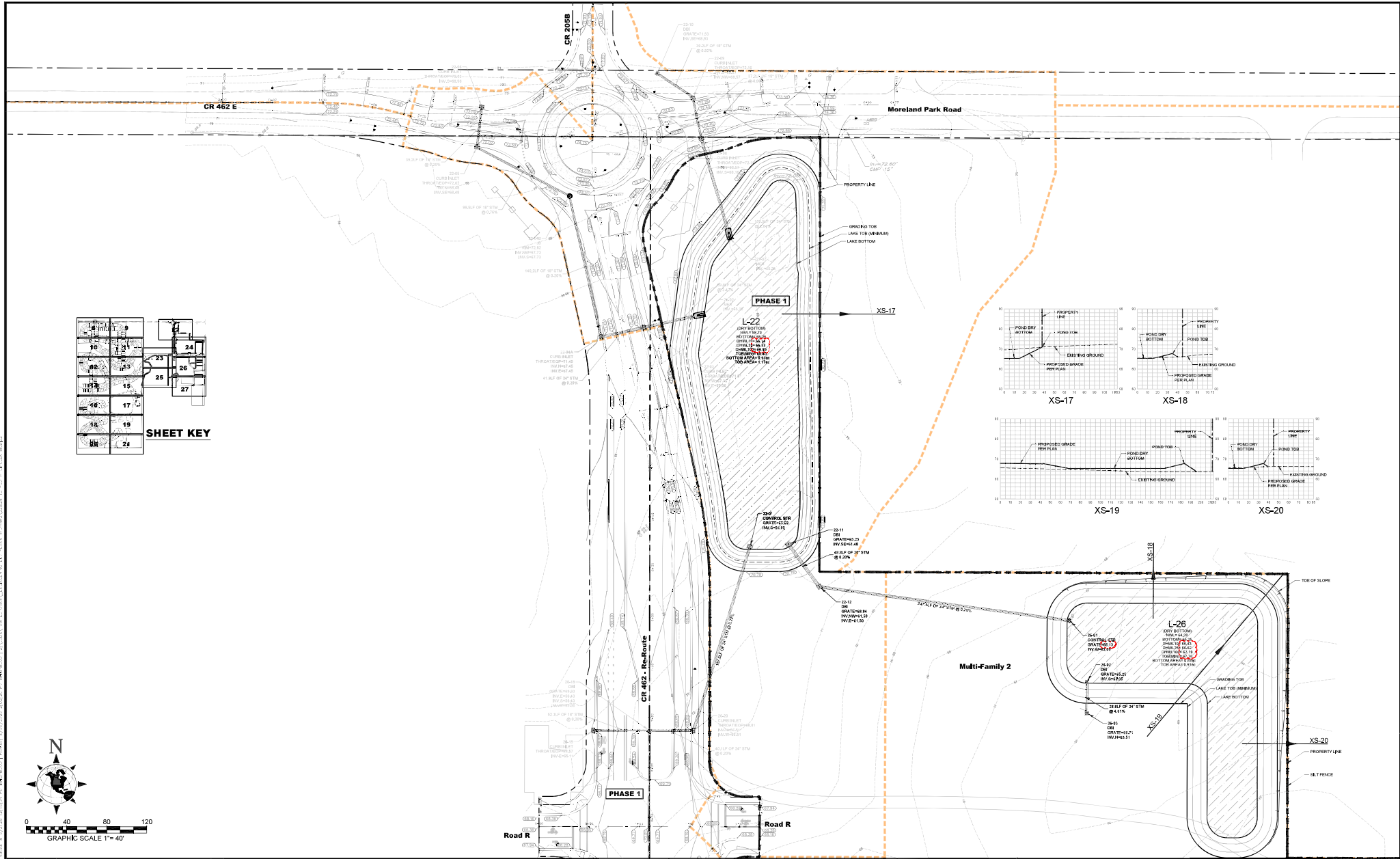
PREPARED BY  
**MORRIS ENGINEERING AND CONSULTING, LLC**  
Civil Engineering and Land Development Consulting  
6997 Professional Parkway East, Suite B, Sarasota, Florida 34237 C.A. 20780 941-444-6644 www.morrisengineering.net

This item has been digitally signed and sealed by Matthew J. Morris, P.E., on the date adjacent to the seal. The signature must be verified on any electronic copies.



Digitally signed by Matthew J. Morris  
Date: 2023.09.03 11:53:49-0400  
MATTHEW J. MORRIS  
FL LICENSE NO. 68954

REVISIONS			
NO.	DATE	DESCRIPTION	BY
04	10/05/23	MISC COUNTY REVISIONS: SHEETS 22,23,24,32,33,59,67	IS
05	11/06/23	REV LAKE/MET. DWH. ADD UNDERDRAN	IS
06	11/09/23	REV L&T THE LOCATION, REV 4&2 GRADES AT 301 THE IN	IS
07	06/05/24	ADD PERIMETER BERM L-23,24,25	IS
08	06/19/24	ADD EX-6, MOVE L-24, ADD L-26	IS
09	05/28/25	REV DWH L-23,24,26, REV CONTROL STR L-24,26, REV 26-01 PIPE	IS
10	06/24/25	REV DWH L-22,23,24,26, REV CONTROL STR L-26, REV L-21	IS



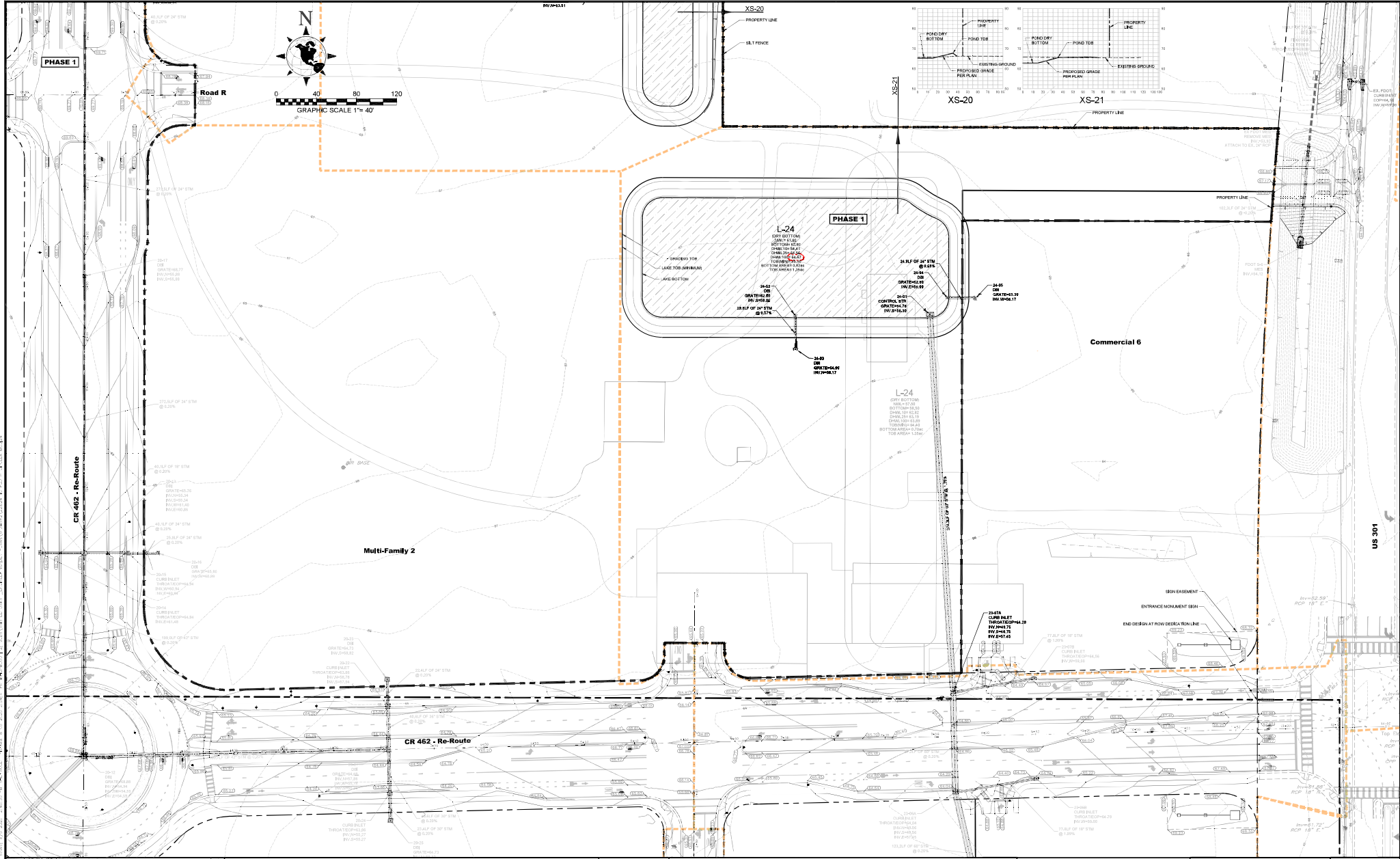
NO.	DATE	REVISION DESCRIPTION
06	05/24/23	REVISE L-22 & L-26 DRAIN & TOB
05	05/25/23	REVISE L-22 DRAIN & 24-30 DRAIN PIPES SIZE & DOWNSIDE INVERTS
04	06/19/2024	ADD L-26
03	05/12/2024	REV LANE, MANHOLE, ROADWAY ALL LANE CONTROL, STR UNDERBRAN
02	05/27/2024	REVISE LANE, L-22
01	01/05/2023	REV ROUNDABOUT, REV DR RAMP, ADD SIDEWALK, ADD MEDIAN CURB
		NO. DATE REVISION DESCRIPTION

**M** MORRIS ENGINEERING AND CONSULTING, LLC  
 Civil Engineering and Land Development Consulting  
 6997 Professional Parkway East, Suite B, Lakewood Ranch, Florida 34201 C.A. 2839 941-444-6641 www.morriseng.com

DATE	04/01/2022
PROJECT	TO SP4-462
DRAWING	POD
DRAWN	IS
CHECKED	MJM

PAVING, GRADING, & DRAINAGE PLAN  
**TWISTED OAKS**  
 CITY OF WILDWOOD, FLORIDA

SCALE	1" = 40'
SEC - TWP - RANG	
SHEET	22
OF	70
MATTHEW J. MORRIS FL LICENSE NO. 5843	



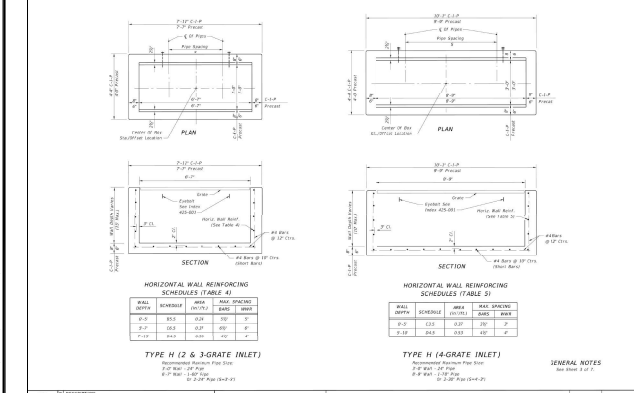
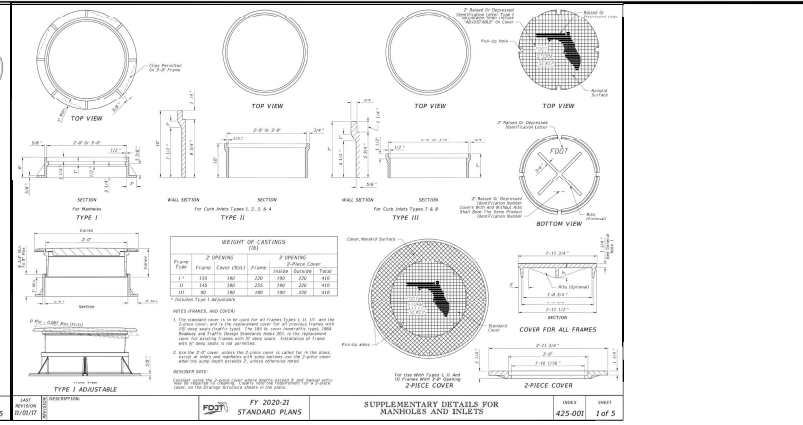
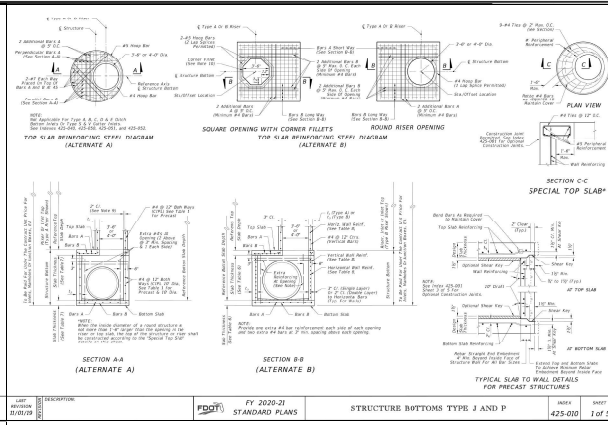
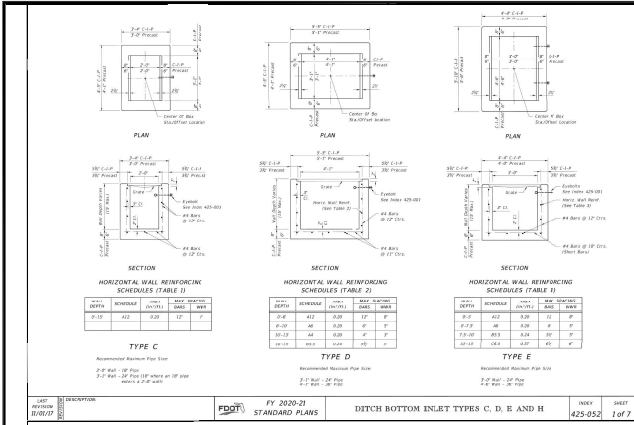
NO.	DATE	REVISION DESCRIPTION	BY
09	07/25/25	REVISED L-24 DRW.	IS
08	12/23/23	REPAIRS ADD VALLEY CROSSING AT 307 TURN LANE	IS
07	05/19/2024	MOVE L-24, ADD L-28	IS
06	05/12/2024	REV LAKE W/L DRAIN, REMOVE ALL LAKE CONTROL STR UNDERDRAIN	IS
05	04/03/2024	ADD PERM FOR ELEM L-24	IS
04	11/06/2023	ADD LAKE UNDERDRAIN	IS
03	11/06/2023	REVISED GRADING FROM STA 9+91 TO 301 TE IN	IS
02	10/05/2023	REVISED GRADING FROM STA 5+42 TO 301 TE IN	IS
01	05/24/23	REVISED L-24 DRW.	IS

**M** MORRIS ENGINEERING AND CONSULTING, LLC  
 Civil Engineering and Land Development Consulting  
 697 Professional Parkway East, State E, Lakewood Ranch, Florida 34130 C.A. 3519 941-444-6641 www.morrisengineering.com

DATE	04/07/2022
PROJECT	TO SPD-452
DRAWING	PHD
DRAWN	IS
CHECKED	MJM

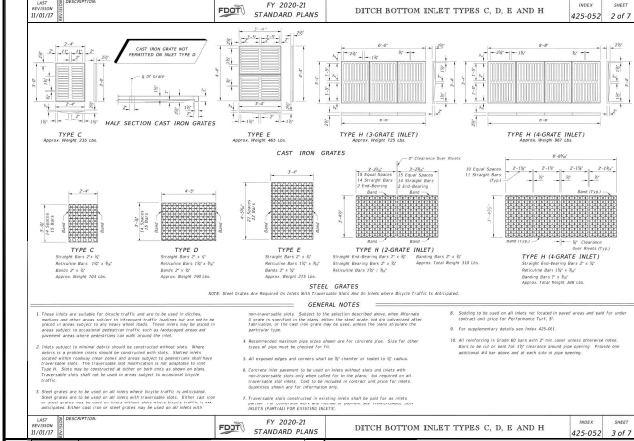
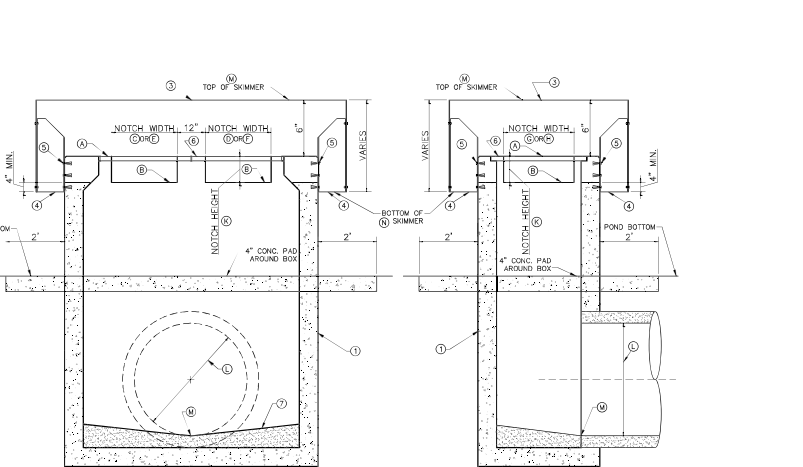
PAVING, GRADING, & DRAINAGE PLAN  
**TWISTED OAKS**  
 CITY OF WILDWOOD, FLORIDA

SCALE  
 1"=40'  
 SEC-TWP-RNG  
 SHEET  
**24** OF  
 70  
 MATTHEW J. MORRIS  
 FL LIC# 061,064

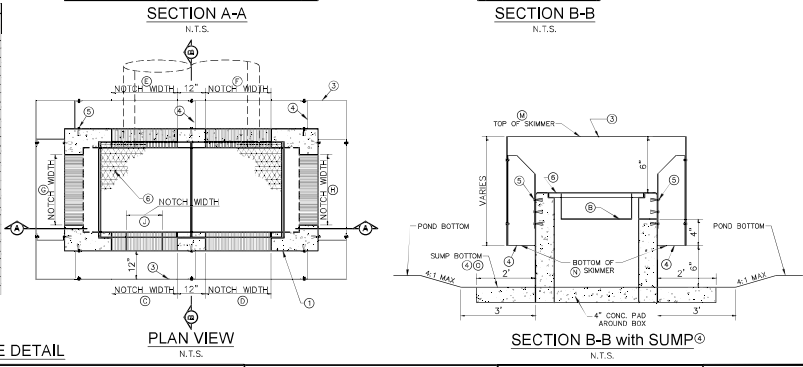


**CONTROL STRUCTURE NOTES**

- ALL CONTROL STRUCTURES TO BE MANUFACTURED IN ACCORDANCE WITH FDOT INDEX 232 AND SUPPLEMENTAL INDEX 201.
- SEE CONTROL STRUCTURE DATA TABLE FOR SPECIFICATION, ELEVATIONS AND DIMENSIONS FOR EACH STRUCTURE. SEE DRAINAGE PLAN TO VERIFY PIPE SIZE AND ALIGNMENT FOR EACH STRUCTURE.
- WHEN SPECIFIED, INSTALL 3/16" "GLASSMIR" HSS-HIGH STRENGTH COMPOSITE SHEET SKIMMER PLATE WITH OPEN TOP AND BOTTOM SKIMMER TO EXTEND AT LEAST 4" BELOW NOTCH INVERT, OR 4" BELOW GRADE ELEVATION WHEN NOTCH IS NOT PROVIDED.
- SKIMMER PLATE SUPPORT BRACKETS SHALL BE STEEL CHANNEL SECTIONS MC-12x10.6, CUT TO LENGTH AS REQUIRED FOR APPROPRIATE SKIMMER INSTALLATION, WITH 1 SHOP COAT AND 1 FIELD COAT OF KEMANID EPOXY B-6848 OR APPROVED EQUAL. ALL FASTENING HARDWARE TO BE STAINLESS STEEL. IF POND BOTTOM IS LESS THAN 4" FROM THE BOTTOM OF THE SKIMMER A SUMP SHALL BE PROVIDED AROUND THE STRUCTURE.
- 3/8" DIAMETER STAINLESS STEEL EXPANSION ANCHORS, 3" LONG MINIMUM WITH STAINLESS STEEL WASHERS AND NUTS. SPACE BOLTS ONE FOR EACH 4" C.C. MAXIMUM SPACING AT EACH SUPPORT BRACKET.
- STEEL GRATE W/ EYEBOLT AND CHAIN, AS SPECIFIED PER FDOT INDEX 232.
- FIELD POURED CONCRETE INVERT AFTER INLET AND PIPE ARE PLACED IN GROUND, 3000 PSI CONCRETE @ 28 DAYS. SLOPE 2" PER FT. TO DRAIN.
- BENCH MARK REQUIRED TO BE SET AFTER CONSTRUCTION IS COMPLETE. BENCH ELEVATION TO BE NOTED ON RECORD DRAWINGS.
- STAKEOUT POINT TO BE CENTER OF STRUCTURE. FIELD LOCATION MAY BE ADJUSTED TO FIT WITHIN LAKE BANKS OR FILL. SLOPE MAY BE NECESSARY. ADJUSTED LOCATIONS TO BE APPROVED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE.
- IF WETLAND RM DITCH EXISTS, THEN THE LOCATION OF OUTFALL STRUCTURE ENTERING WETLAND SHALL BE LOCATED IN THE RM DITCH GRADING OF INSIDE BANK OF RM DITCH TO ADJACENT WETLAND SEASONAL HIGH WATER LEVEL.
- FDOT TYPE H STRUCTURE SHOWN FOR STRUCTURE TYPES C, D, AND E. DMIT NOTCH SPACINGS 1" & 3" AND 1" & 12" WIDE DOUBLE GRADE SEAT SUPPORT RISERS AS SHOWN. THE CENTER SKIMMER SUPPORT BRACKETS AS INDICATED WITHIN THE 12" WIDE GRADE SEAT RISER SEGMENT SHALL ALSO BE DELETED FOR STRUCTURES OTHER THAN TYPE H.
- CUSTOM BOX SIZES SHALL BE CONSTRUCTED IN THE SAME MANNER WITH SHOP DRAWINGS REVIEWED BY MORRIS ENGINEERING & CONSULTING LLC.



STRUCTURE NO.	FOOTING	INLET	CAST IRON GRATE	STEEL GRATE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	MINIMUM	MAXIMUM
24-01	HIS GRATE	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80	63.80
24-01	C	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75	63.75



NO.	DATE	REVISION DESCRIPTION	BY
06	05/24/25	REVISE CONTROL STR 26-01 GRATE ELEV	IS
04	05/28/25	REVISED CONTROL STR 24-01 & 26-01	IS
03	05/17/24	REVISE DS DATA 24-01, ADD DS DATA 26-01	IS
02	06/17/24	REMOVE UNDERBRAN	IS
01	11/09/23	CONTROL STRUCTURE DATA ADD UNDERBRAN	IS

**MORRIS ENGINEERING AND CONSULTING, LLC**  
Civil Engineering and Land Development Consulting  
6997 Professional Parkway, Fort Suite 10, Lakewood Ranch, Florida 34109 | C.A. 23790 | 941-414-6614 | www.morriseng.com

**TWISTED OAKS**  
CITY OF WILDWOOD, FLORIDA

DATE: 06/01/2022  
PROJECT: TO SPD-462  
DRAWING: [Blank]  
CHECKED: M.M.

SCALE: SEC-TWP-RWG  
SHEET: 65 OF 70  
SCALE: 65/70  
MATTHEW J. MORRIS  
FL LICENSE NO. 68434

**PROJECT REVIEW COMMITTEE OF THE CITY OF WILDWOOD  
EXECUTIVE SUMMARY**

**SUBJECT:** A25-2840 New Horizon Plaza Mod

**REQUESTED ACTION:** Staff recommends approval.

**CONTRACT:**

**BUDGET IMPACT:**

**HISTORY/FACTS/ISSUES:**

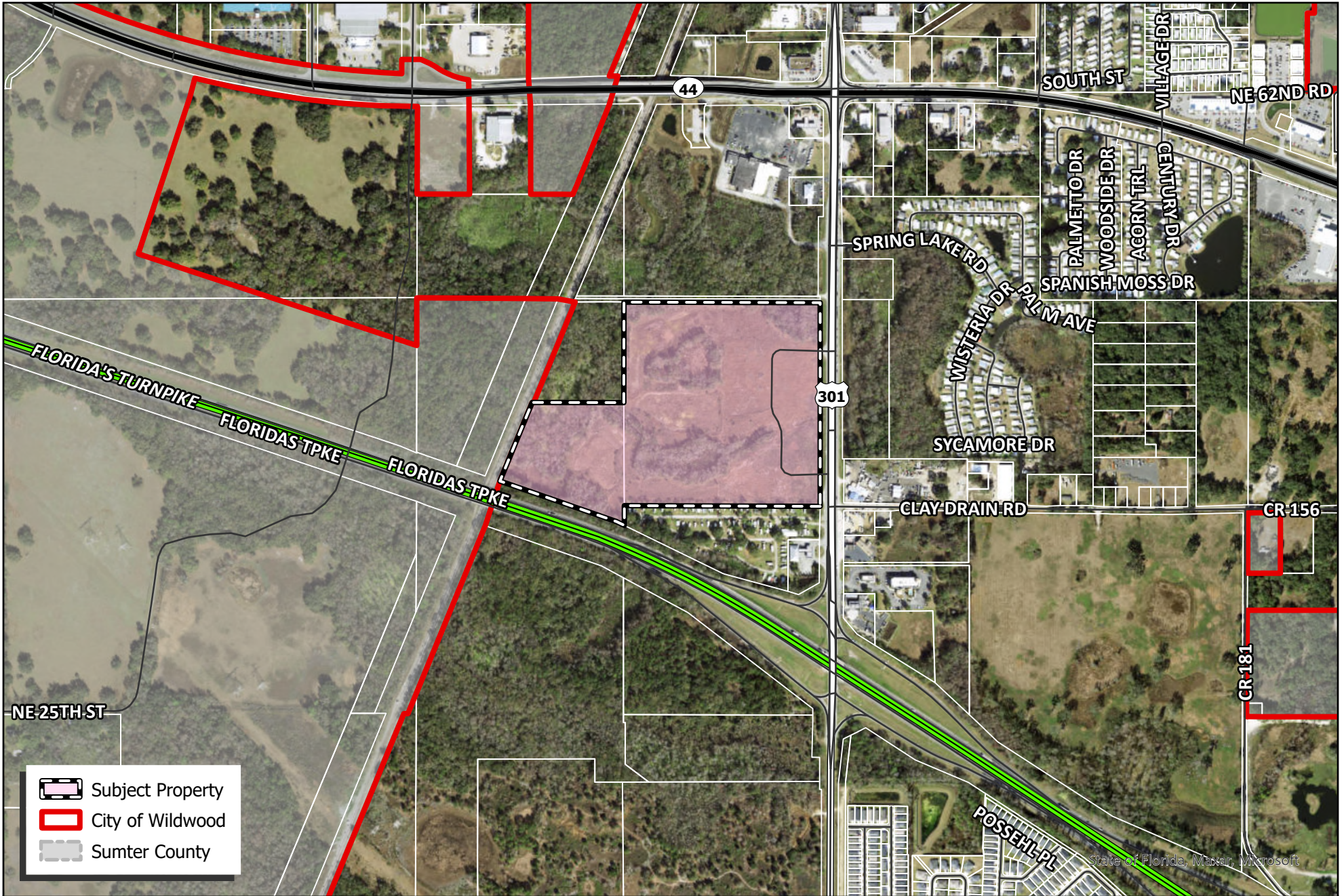
Case No	A25-2840 New Horizon Plaza Mod
Parcel Number	G18-039
Acreage	46.95 +/-
Property Location	The property is generally located on the west side of US 301, approximately 0.19 miles north of Florida Turnpike.
Owner/Applicant	1200 New Horizon, LLC

The applicant is seeking approval from the Project Review Committee for a minor modification to the previously approved New Horizon Plaza Improvement Plan (PLAT 2207-002) consisting of revisions to grading and retaining walls. In more detail, the applicant request to add approximately 600 linear feet of retaining wall/privacy wall along the southern property boundary, raise grades, and modify grading at the Lift Station.

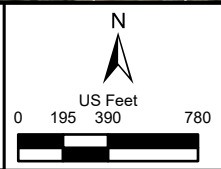
A25-2840 meets the criteria set forth in the Design District Standards, Land Development Regulations, and is consistent with the goals, objectives, and policies of the City's Comprehensive Plan.



Alex Lammers  
Planner I, Development Services



**CITY OF WILDWOOD**  
 100 North Main Street  
 Wildwood, FL 34785  
 Phone: (352) 330-1330  
[www.wildwood-fl.gov](http://www.wildwood-fl.gov)



#A25-2840  
**NEW HORIZON PLAZA**  
 PARCEL G18-039

**MAP 1B**  
**LOCATION**  
**MAP**  
**JUL 2025**

# NEW HORIZON PLAZA

## WILDWOOD, FLORIDA

**UTILITY PROVIDERS**

WATER – CITY OF WILDWOOD  
 SEWER – CITY OF WILDWOOD  
 ELECTRIC – SECO  
 GAS – TECO  
 TELEPHONE / INTERNET – COMCAST / XFINITY

**UTILITY / INFRASTRUCTURE OWNERSHIP**

WATER – CITY OF WILDWOOD (INFRASTRUCTURE WITHIN ROW EASEMENT)  
 GRAVITY SEWER – CITY OF WILDWOOD (INFRASTRUCTURE WITHIN ROW EASEMENT)  
 LIFT STATION & FORCE MAIN – CITY OF WILDWOOD (WITHIN PUBLIC EASEMENTS)  
 STORM – PRIVATE MASTER STORMWATER SYSTEM (POA)  
 ROADS – PRIVATE (TO BE OWNED AND MAINTAINED BY POA)  
 STREET LIGHTS – PRIVATE

**Required Permitting**

Agency	Status
CITY OF WILDWOOD	PENDING
SWFMD	ISSUED 7/17/2023
FDOT	PENDING
DEP WATER	PENDING
DEP SEWER	PENDING
DEP NPDES	PENDING

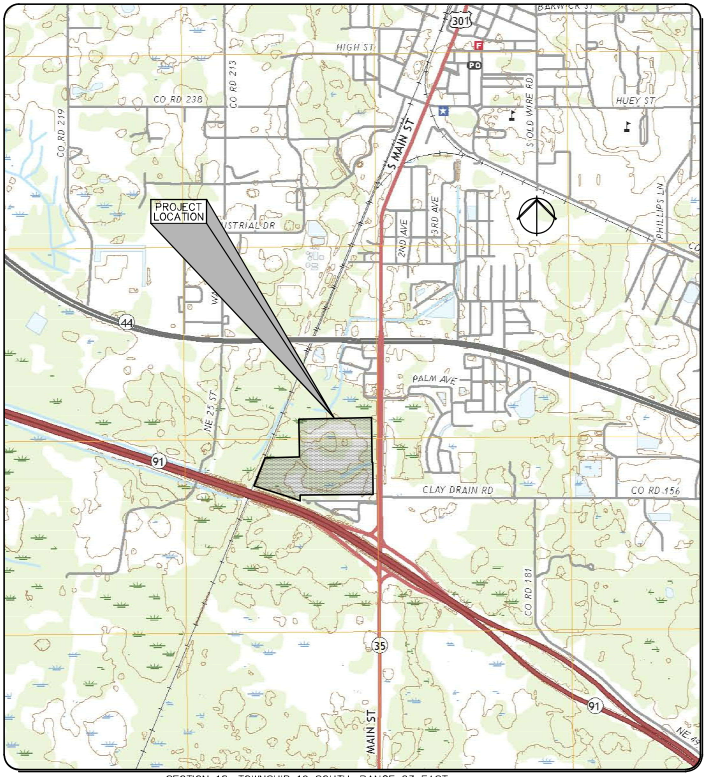
**LEGAL DESCRIPTION**

THAT PART OF NE 1/4 OF NW 1/4 LYING WEST OF U.S. HIGHWAY #301 IN SECTION 18, TOWNSHIP 19 SOUTH, RANGE 23 EAST, LESS THE NORTH 20 FEET THEREOF; AND SUBJECT TO DRAINAGE EASEMENT OF RECORD.

TOGETHER WITH:

THAT PART OF THE S 3/4 OF THE W 1/2 OF THE NW 1/4 LYING NORTH OF FLORIDA SUNSHINE PARKWAY R/W AND EAST OF SOLAR R/W IN SECTION 18, TOWNSHIP 19 SOUTH, RANGE 23 EAST, SUMNER COUNTY, FLORIDA.

- GENERAL NOTES**
- BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN ARE PER DRAWINGS PREPARED BY THOMAS LA SENNA LAND SURVEYING, INC., DATED 11/24/2020.
  - CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER OR ARCHITECT.
  - CONTRACTOR SHALL LOCATE AND MAINTAIN IN GOOD WORKING ORDER ALL ABOVE GROUND AND BELOW GROUND UTILITIES. CONTRACTOR SHALL COORDINATE THE RELOCATION OR ALTERATION OF EXISTING UTILITIES AS MAY BE REQUIRED.
  - ALL ON-SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF WILDWOOD, SUMNER COUNTY PUBLIC SERVICES, FLORIDA BUILDING CODE, AND ALL OTHER APPLICABLE CODES. ALL FDOT RIGHT-OF-WAY CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS.
  - ALL DISTURBED OPEN AREAS SHALL BE SODED OR SEEDED AND MULCHED IMMEDIATELY FOLLOWING COMPLETION OF THE BUILDING CONSTRUCTION AS SHOWN ELSEWHERE IN THESE PLANS.
  - CONTRACTOR SHALL SUPPLY THE ENGINEER WITH "AS-BUILT" CONDITIONS OF ACTUAL CONSTRUCTION.
  - CONSTRUCTION SURVEYING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFIED.
  - CONTRACTOR TO PAY COST OF WET TAPS INTO CITY OF WILDWOOD WATER MAIN.
  - ALL WATER & SEWER LINE CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH CITY OF WILDWOOD REQUIREMENTS.
  - ANY SOIL MATERIAL (EITHER ON-SITE OR IMPORTED) UTILIZED FOR THE CONSTRUCTION OF RETENTION SWALES OR RETENTION PONDS SHALL BE CLEAN FINE SAND (SP) AS DEFINED BY THE UNITED SOIL CLASSIFICATION SYSTEM. FINES (MATERIAL PASSING THE NO. 200 SIEVE) SHALL BE LESS THAN 5%.
  - THE CONTRACTOR SHALL OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT AS REGULATED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). CONTRACTOR SHALL BECOME FAMILIAR WITH THE NPDES PERMITTING REQUIREMENTS, DEVELOP AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE CONSTRUCTION SITE IS IN COMPLIANCE WITH NPDES REGULATIONS AND WILL BE RESPONSIBLE FOR ANY VIOLATIONS CITED BY DEP DURING CONSTRUCTION. INFORMATION PERTAINING TO THE NPDES PROGRAM IS AVAILABLE ON LINE AT WWW.DEP.STATE.FL.US/WATER/STORMWATER/NPDES OR BY CALLING FDEP NPDES STORMWATER SECTION AT 850-245-7522.
  - CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY OF WILDWOOD TWO (2) WEEKS PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL BRING UP-TO-DATE PLANS TO THE MEETING.
  - FDOT LANE CLOSURE RESTRICTIONS: NO LANE CLOSURES BETWEEN 6:00AM AND 6:00PM.



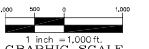
**Soils Map Legend**

Map Unit Symbol	Map Unit Name
9	PAISLEY FINE SAND, BOULDERS SUBSURFACE



**SOILS MAP**  
SCALE: 1"=500'

**LOCATION PLAN**  
SCALE: 1"=1,000'



**SHEET INDEX**

C1.1	COVER SHEET
C1.2	STORMWATER POLLUTION PREVENTION PLAN
C1.3	DEMOLITION PLAN
C1.4	MASTER PLAN
C2.1	PRELIMINARY PLAT
C3.1	GRADING & DRAINAGE PLAN
C3.2	UNDERDRAIN PLAN
C4.1	UTILITY PLAN
C4.2	DIRECTIONAL BORE CROSS SECTIONS
C5.1-C5.3	DETAIL SHEETS
C6.1-C6.2	SEWER DETAIL SHEETS
C6.3-C6.5	WATER DETAIL SHEETS
C7.1-C7.2	LIFT STATION DETAILS
C8.1	PLAN & PROFILE
C9.1-C9.3	FDOT PLAN SHEETS

**SITE DATA**

PROPERTY OWNED = 2,045,149 sq.ft. (46.95 ac.)  
 PROJECT AREA = 622,159 sq.ft. (14.28 ac.)  
 IMPERVIOUS AREA (ROADWAY) = 46,333 sq.ft. (1.06 ac.)  
 IMPERVIOUS AREA FOR FUTURE LOTS = 439,347 sq.ft. (10.09 ac.) \*  
 TOTAL IMPERVIOUS AREA = 485,680 sq.ft. (11.15 ac.)

\* INDIVIDUAL LOTS MAX ISR = 80% (INCLUDED IN DESIGN)

ZONING = "C-3" & "M-1"  
 FUTURE LAND USE = COMMERCIAL & INDUSTRIAL  
 PARCEL ID: G18-009 & G18-039  
 FLOOD ZONE = "X" & "A"  
 SETBACKS: FRONT = 25'  
 SIDE = 15'  
 REAR = 15'

WATER – CITY OF WILDWOOD  
 SEWER – CITY OF WILDWOOD  
 ELEVATIONS BASED ON N.A.Y.D. 1988 VERTICAL DATUM

**OWNER**

Nicholas Chimienti  
 1200 New Horizon, LLC  
 510 CR 466, Suite 207  
 Lady Lake, Florida 32759  
 Phone (718) 823-6161

**ENGINEER**

Keith E. Riddle, P.E.  
 Riddle - Newman Engineering, Inc.  
 115 North Canal Street  
 Leesburg, Florida 34748  
 Phone (352) 787-7482  
 Fax (352) 787-7412

**SURVEYOR**

Thomas La Senna, P.S.M.  
 Thomas La Senna Land Surveying Inc.  
 6739 SE 110th Street, Suite 507  
 Belleview, Florida 34420  
 Phone (352) 307-0160

FILE: L:\30\New\_Horizon\_Plaza.dwg  
 DATE: 6/29/23  
 DRAWN: R.S.H.  
 CHECKED: K.E.R.  
 SCALE: 1"=1,000'  
 DATE: 6/29/23  
 DRAWN BY: 18209

CONSTRUCTION PLANS  
**NEW HORIZON PLAZA**  
 WILDWOOD  
 FLORIDA

C1.1

Digitally signed by Keith E Riddle  
 Date: 2025.09.04 12:55:56 -0400

KEITH E. RIDDELE, P.E.  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 38800

RIDDLE - NEWMAN ENGINEERING, INC.  
 115 NORTH CANAL STREET  
 LEESBURG, FLORIDA 34748  
 PHONE (352) 787-7482  
 FAX (352) 787-7412  
 ke@riddle-newman.com  
 CRP-00000000

REV #1 REVISION PER WILDWOOD 8/17/24  
 REV #2 REVISION PER WILDWOOD 8/17/24  
 REV #3 REVISION PER WILDWOOD 8/17/24  
 REV #4 REVISION PER WILDWOOD 8/17/24  
 REV #5 REVISION PER WILDWOOD 8/17/24  
 REV #6 REVISION PER WILDWOOD 8/17/24  
 REV #7 REVISION PER WILDWOOD 8/17/24  
 REV #8 REVISION PER WILDWOOD 8/17/24  
 REV #9 REVISION PER WILDWOOD 8/17/24  
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 REV #100 REVISION PER WILDWOOD 8/17/24





100 YR - 24 HR FLOODPLAIN	
AREA	ELEVATION
EXISTING SITE	56.13 FT
POND 1-W	56.17 FT
POND 1-N	56.03 FT

ADJACENT ZONING = M-1  
FUTURE LAND USE = INDUSTRIAL

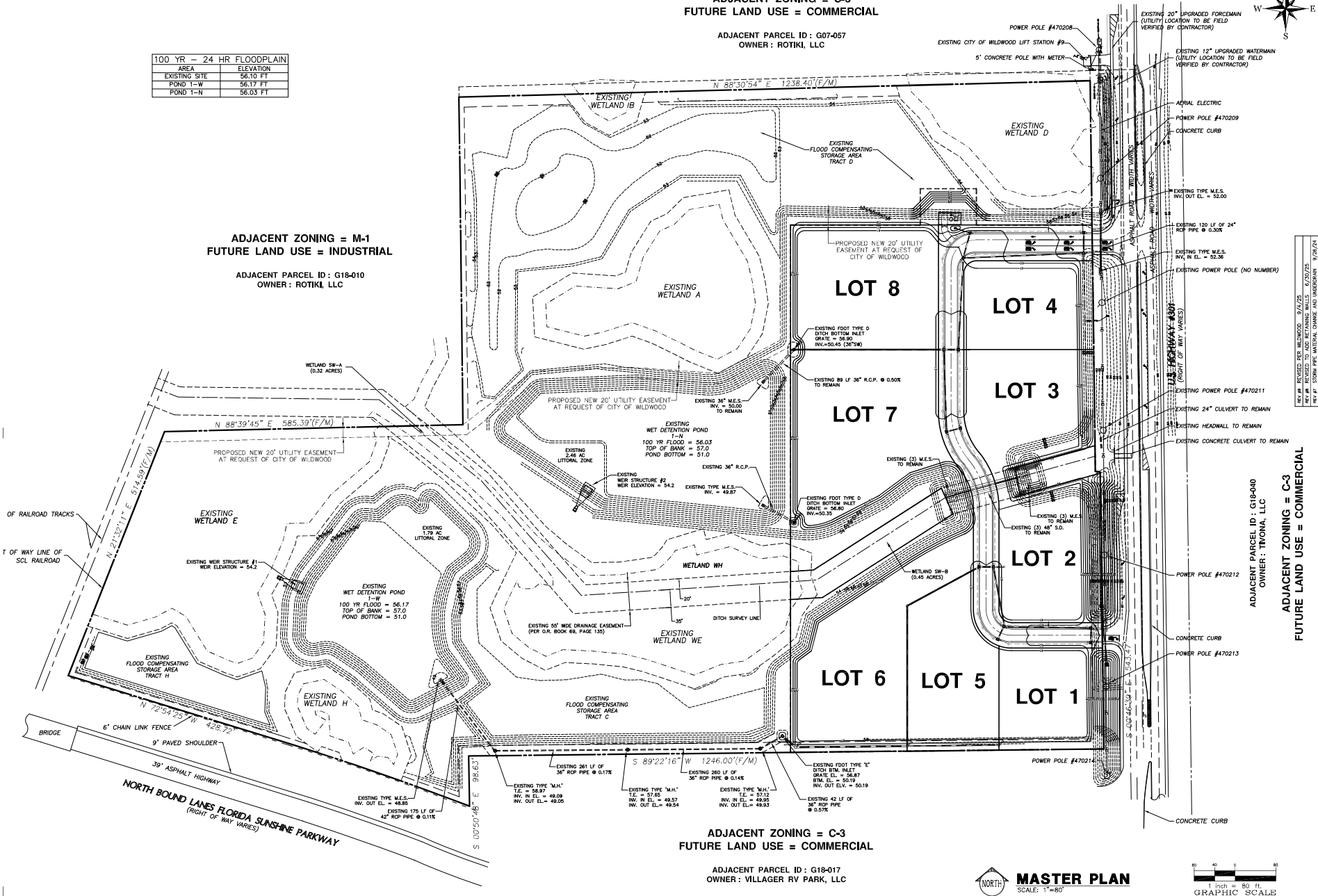
ADJACENT PARCEL ID: G18-010  
OWNER: ROTIKI, LLC

ADJACENT ZONING = C-3  
FUTURE LAND USE = COMMERCIAL

ADJACENT PARCEL ID: G07-057  
OWNER: ROTIKI, LLC

ADJACENT ZONING = C-3  
FUTURE LAND USE = COMMERCIAL

ADJACENT PARCEL ID: G18-017  
OWNER: VILLAGER RV PARK, LLC



ADJACENT PARCEL ID: G18-040  
OWNER: TIGONA, LLC

ADJACENT ZONING = C-3  
FUTURE LAND USE = COMMERCIAL

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DRAWN: R.S.H.  
CHECKED: K.E.R.

SCALE: 1"=80'  
DATE: 6/20/23  
PROJECT NO: 1829

MASTER PLAN

NEW HORIZON PLAZA  
FLORIDA

RIDDLE-NEWMAN ENGINEERING, INC.  
115 NORTH CANAL STREET  
LEESBURG, FLORIDA 34448  
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rnb@riddlenewman.com  
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KETH E. RIDDLE, P.E.  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
LICENSE NO. 38800

RIDDLE-NEWMAN ENGINEERING, INC.

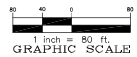
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FUTURE LAND USE = COMMERCIAL

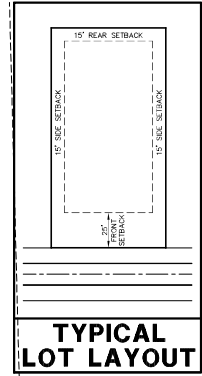
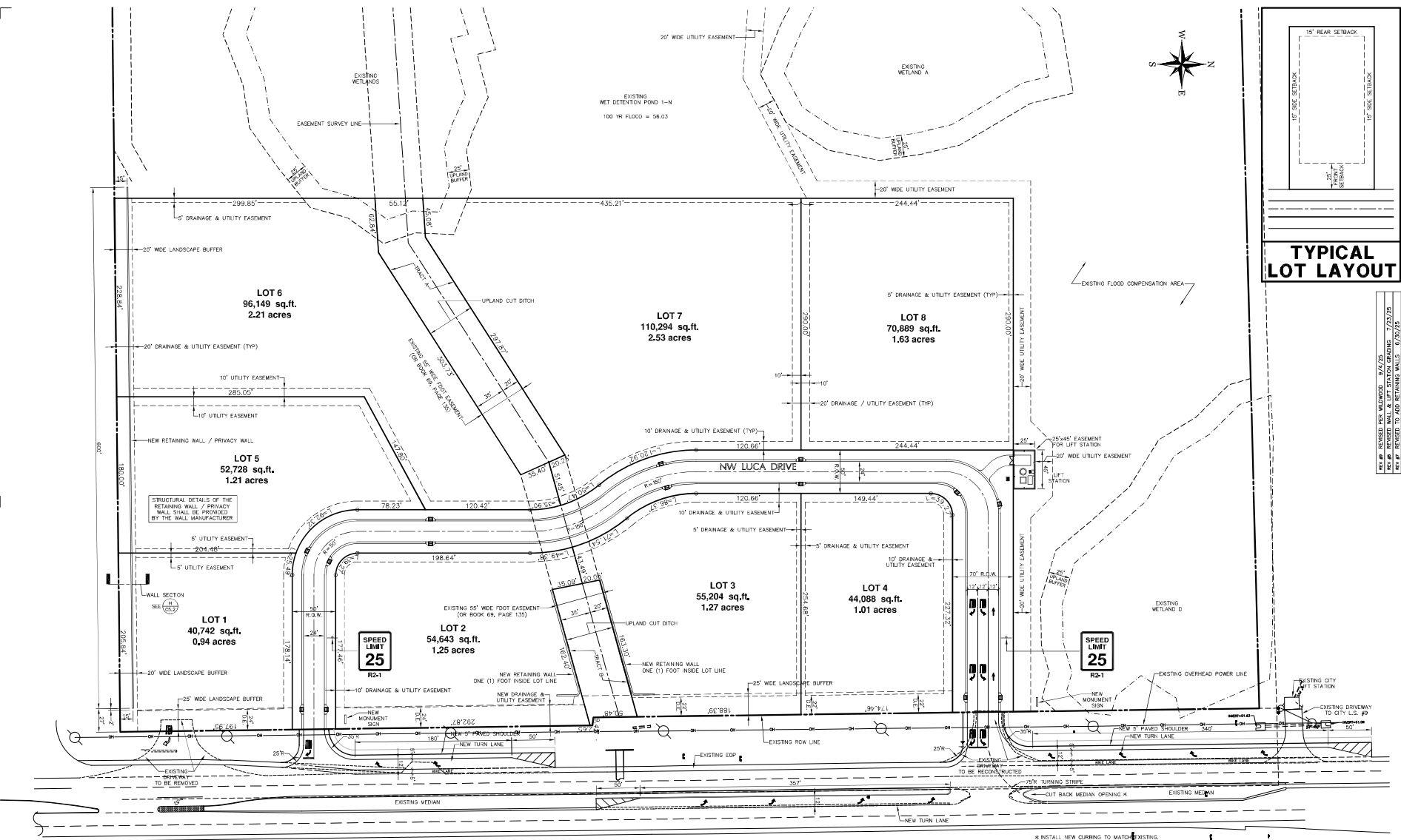
MASTER PLAN

NEW HORIZON PLAZA  
FLORIDA

C1.4

SHEET NO.





**TYPICAL LOT LAYOUT**

15' REAR SETBACK  
15' SIDE SETBACK  
20' FRONT SETBACK

---

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---

**RIDDLE - NEWMAN ENGINEERING INC.**

---

REV #1 REVISION: SEE WETLANDS 3/17/24  
REV #2 REVISION: TO ADD RETAINING WALLS 6/20/25  
REV #3 REVISION: PER UPDATED FOOT SURVEY 6/24/24  
REV #4 REVISION: PER WILWOOD & FOOT 7/9/24  
REV #5 REVISION: LAYOUT 1/18/24  
REV #6 REVISION: PER FOOT 3/29/23  
REV #7 REVISION: PER SPINNAZ, WILWOOD & FOOT 3/27/23  
REV #8 REVISION: PER SPINNAZ & WILWOOD 1/29/23

---

KEITH E. RIDDLE, P.E.  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
LICENSE NO. 38800

---

R.S.H.  
DRAWN: K.E.R.  
CHECKED: J.L.S.  
SCALE: 1"=50'  
DATE: 6/30/25  
PROJECT NO. 18209

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**PRELIMINARY PLAT**  
**NEW HORIZON PLAZA**  
FLORIDA  
WILWOOD

---

SHEET NO.  
**C2.1**

**LANDSCAPE BUFFER NOTES**

LOTS 1, 5 & 6 ARE SUBJECT TO A 20' WIDE LANDSCAPE BUFFER ALONG THE SOUTH PROPERTY LINE OF EACH LOT.

LOTS 1 THRU 4 ARE SUBJECT TO A 25' WIDE LANDSCAPE BUFFER ALONG THE EAST PROPERTY LINE OF EACH LOT, AND SUBJECT TO A DRAINAGE & UTILITY EASEMENT ALONG THE EAST SIDE OF EACH LOT.

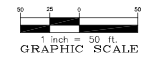
LANDSCAPE BUFFERS SHALL BE DESIGNED, PERMITTED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 1(G)(2) OF THE DESIGN DISTRICT STANDARDS.

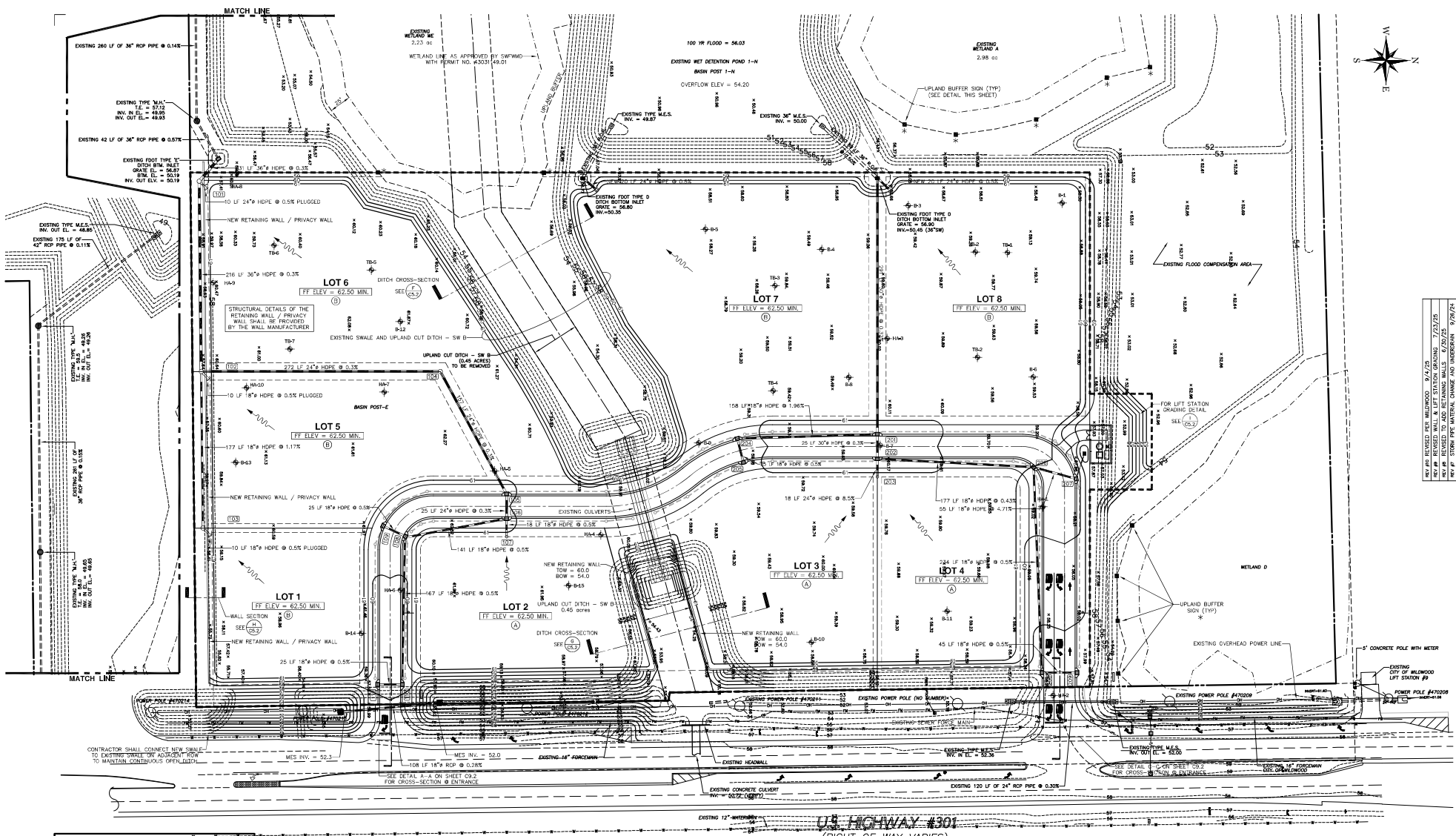
EACH LOT OWNER SHALL SUBMIT A LANDSCAPE PLAN ALONG WITH THEIR SITE PLAN APPLICATION WHICH DEMONSTRATES COMPLIANCE OF THE CITY REQUIREMENTS.

SEE SHEETS C9.1 THRU C9.3 FOR FDOT PLANS & DETAILS

TRACTS A & B SHALL BE PLATTED AS TRACTS RESERVED FOR DRAINAGE AND SHALL BE DEDICATED TO THE POA.  
TRACTS A & B ARE SUBJECT TO AN EXISTING FDOT EASEMENT (OR BOOK 69, PAGE 135)

**PRELIMINARY PLAT**  
SCALE: 1"=50'





**NATURAL CONSERVATION AREA**  
 NO DUMPING, LAND CLEARING OR OTHER DISTURBANCE TO NATIVE SOILS OR VEGETATION PERMITTED BEYOND THIS POINT.

4" SQUARE PRESSURE TREATED WOOD POST

\* TO BE INSTALLED BY THE CONTRACTOR AT LOCATIONS SHOWN ON THESE PLANS.  
 SIGNS TO BE INSTALLED ON THE UPLAND SIDE OF THE UPLAND BUFFER.

\* THE SOILS AND VEGETATION WITHIN THE UPLAND BUFFER SHALL NOT BE DISTURBED BEFORE, DURING OR AFTER CONSTRUCTION.

**UPLAND BUFFER SIGN DETAIL**  
 SCALE: NOT TO SCALE

STORM DRAINAGE SCHEDULE			
INLET/MB#	GRATE/RIM ELEV.	INV. ELEV.	TYPE
101	58.0± (VERIFY)	50.29	"P"
102	58.0± (VERIFY)	50.93	"P"
103	57.5± (VERIFY)	53.00	"P"
104	62.00	51.75	"P"
105	60.57	52.22	"P"
106	60.57	52.30	"V"
107	61.50	52.39	"P"
108	59.87	53.00	"V"
109	59.87	53.13	"V"
110	58.99	53.83	"V"
111	58.99	53.95	"V"

STORM DRAINAGE SCHEDULE			
INLET/MB#	GRATE/RIM ELEV.	INV. ELEV.	TYPE
201	59.96	51.39	"V"
202	59.96	51.47	"V"
203	61.50	53.00	"P"
204	60.75	54.48	"V"
205	60.75	54.55	"V"
206	60.74	52.23	"V"
207	60.30	54.00	"V"
208	58.11	53.40	"V"
209	58.11	53.63	"V"

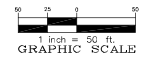
**STORM SEWER NOTE:**  
 ALL STORM INLETS SHALL BE VALLEY GUTTER INLETS WITH USF 5106 VALLEY GUTTER INLET FRAME AND USF 6149 GRATE IN ACCORDANCE WITH FOOT INDEX NO. 425-041, UNLESS OTHERWISE NOTED.

ALL STORM PIPING SHALL BE HANCOX AASHTO HPE STORM PIPE OR APPROVED EQUAL. PIPING SHALL CONFORM TO AASHTO M-294 PER FOOT REQUIREMENTS.

**VERTICAL DATUM:**  
 ELEVATIONS BASED ON N.A.V.D. 1988 VERTICAL DATUM

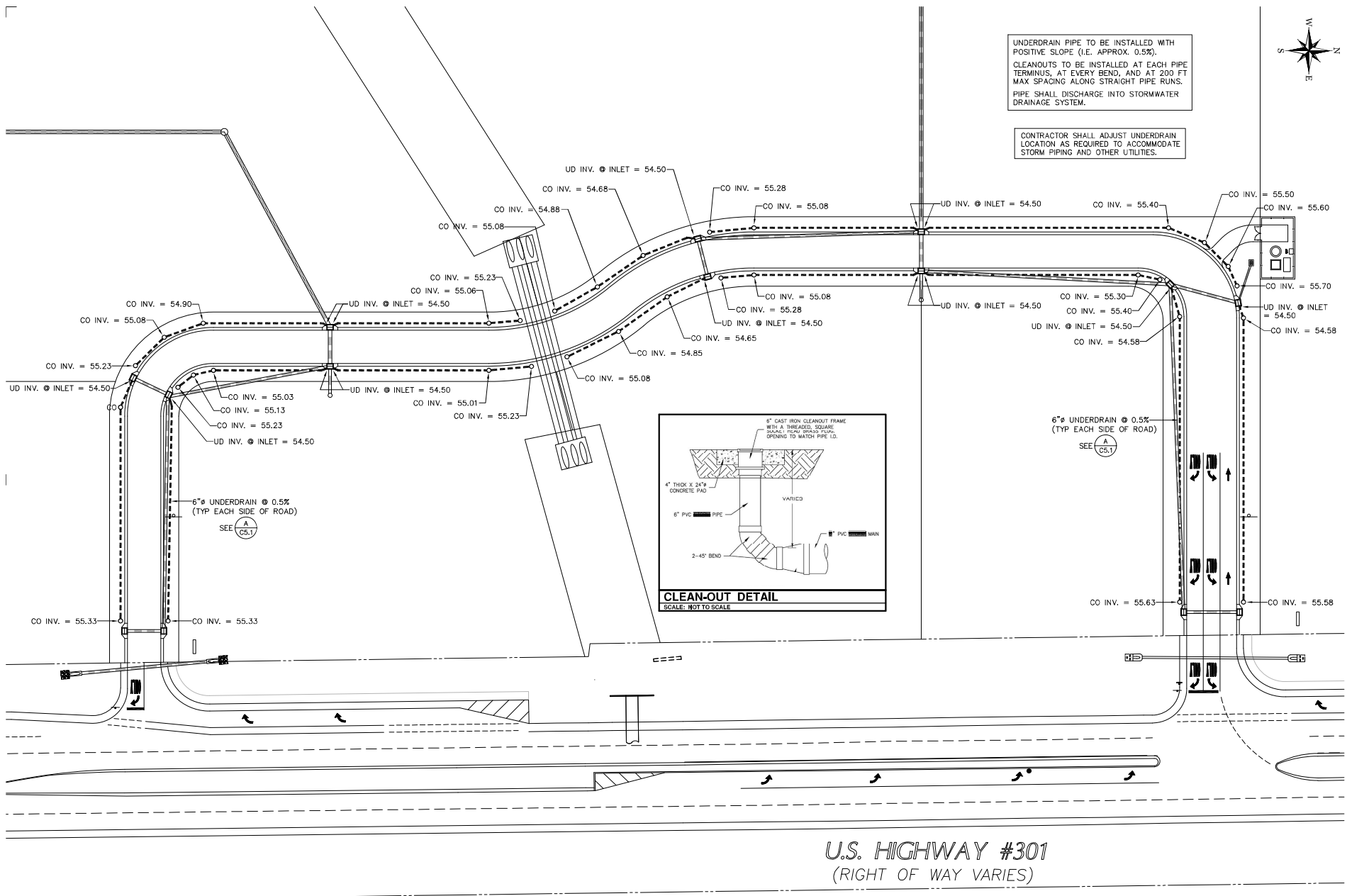
**LOT GRADING**  
 ALL LOTS SHALL BE GRADED AS SHOWN BY THE CONTOURS SHOWN. FINAL LOT DESIGN SHALL ACCOMMODATE THE DRAINAGE PATTERNS SHOWN BY THE FLOW ARROWS, SO THAT ALL LOTS DRAIN TO THE STREET TO CONVEY THE WATER TO THE RETENTION SYSTEM.

**GRADING & DRAINAGE PLAN**  
 SCALE: 1"=50'

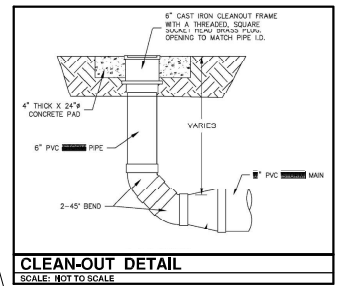


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UNDERDRAIN PIPE TO BE INSTALLED WITH POSITIVE SLOPE (I.E. APPROX. 0.5%).  
 CLEANOUTS TO BE INSTALLED AT EACH PIPE TERMINUS, AT EVERY BEND, AND AT 200 FT MAX SPACING ALONG STRAIGHT PIPE RUNS. PIPE SHALL DISCHARGE INTO STORMWATER DRAINAGE SYSTEM.  
 CONTRACTOR SHALL ADJUST UNDERDRAIN LOCATION AS REQUIRED TO ACCOMMODATE STORM PIPING AND OTHER UTILITIES.



6" UNDERDRAIN @ 0.5% (TYP EACH SIDE OF ROAD)  
 SEE (A) C5.1

U.S. HIGHWAY #301  
 (RIGHT OF WAY VARIES)

**UNDERDRAIN PLAN**  
 SCALE: 1"=50'

GRAPHIC SCALE: 0 10 20 30 40 50  
 1 inch = 30 ft



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 keith@riddle-newman.com  
 URL: www.riddle-newman.com

**RIDDLE-NEWMAN ENGINEERING INC.**  
 ESTABLISHED 1988

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 REV # 100

KEITH E. RIDDLE, P.E.  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 38800

FILE: U.S. Hwy 301 - Horizon Plaza  
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**UNDERDRAIN PLAN**  
 NEW HORIZON PLAZA  
 FLORIDA  
 WILDWOOD

SHEET NO.  
**C3.2**



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 WWW: WWW.RIDDLE-NEWMAN.COM

**RIDDLE NEWMAN ENGINEERING INC.**  
 ESTABLISHED 1988

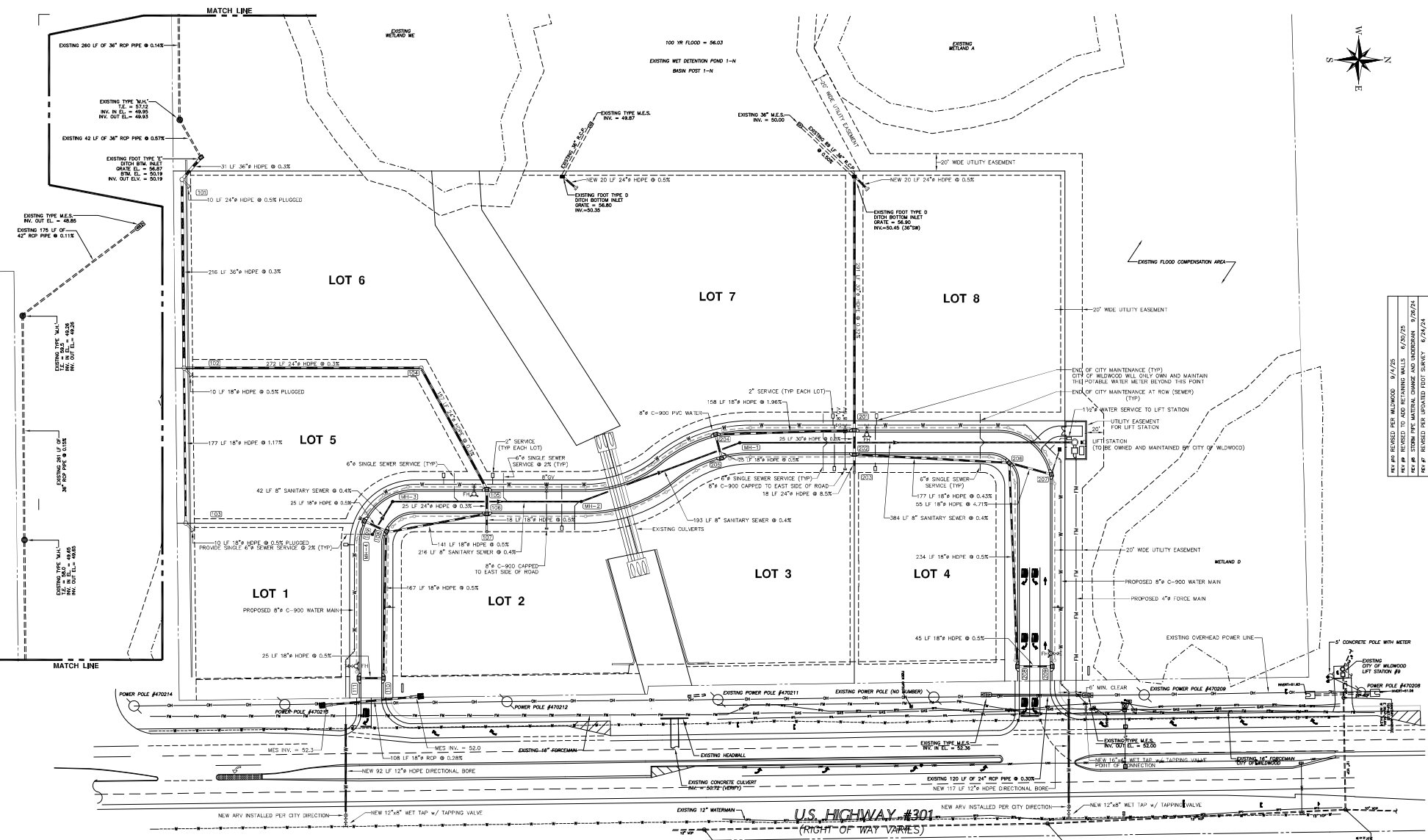
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 REV #2 REVISION TO ADD RETAINING WALLS 6/29/25  
 REV #3 STORM PIPE MATERIAL CHANGE AND UNDERDRAIN 9/26/24  
 REV #4 REVISION PER IMPROVED FDOT SURVEY 6/7/24  
 REV #5 REVISION PER WILDMOOD & FDOT 2/8/24  
 REV #6 REVISION LAYOUT 1/18/24  
 REV #7 REVISION PER FDOT 3/21/23  
 REV #8 REVISION PER SPRAWL, WILDMOOD & FDOT 3/21/23  
 REV #9 REVISION PER SPRAWL & WILDMOOD 1/29/23

KATH E. RIDDLE, P.E.  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 38800

R.S.H.  
 CHIEF ENGINEER  
 K.E.R.  
 DRAFTER  
 SCALE: 1"=50'  
 DATE: 6/20/25  
 DRAWN BY: T.B.G.

**UTILITY PLAN**  
**NEW HORIZON PLAZA**  
 FLORIDA  
**WILDMOOD**

SHEET NO.  
**C4.1**



**STORM SEWER NOTE:**  
 ALL STORM INLETS SHALL BE VALLEY OUTER INLETS WITH USF 5106 VALLEY OUTER INLET FRAME AND USF 6149 GRATE IN ACCORDANCE WITH FDOT INDEX NO. 425-041, UNLESS OTHERWISE NOTED.  
 ALL STORM PIPING SHALL BE HANCOX ASHITO HDPE STORM PIPE OR APPROVED EQUAL. PIPING SHALL CONFORM TO ASHITO M-294 PER FDOT REQUIREMENTS.

**VERTICAL DATUM:**  
 ELEVATIONS BASED ON N.A.V.D. 1988 VERTICAL DATUM

**PVC PIPING SPECIFICATIONS**  
 DOMESTIC WATER LINES SHALL BE C-900 PVC, DR18, CLASS 235.

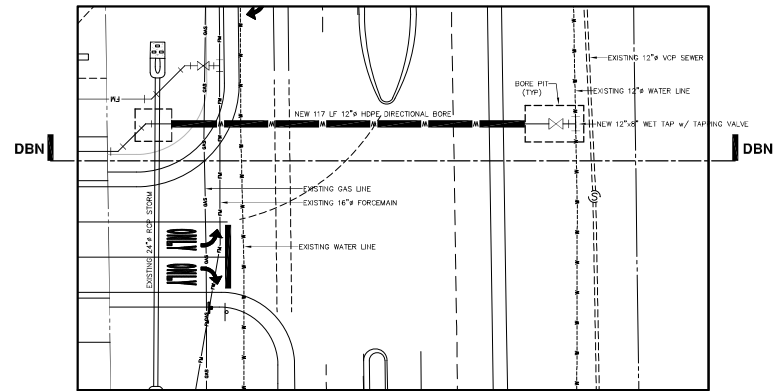
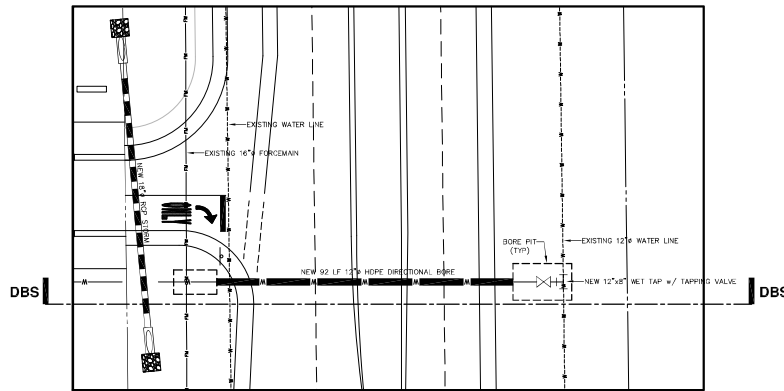
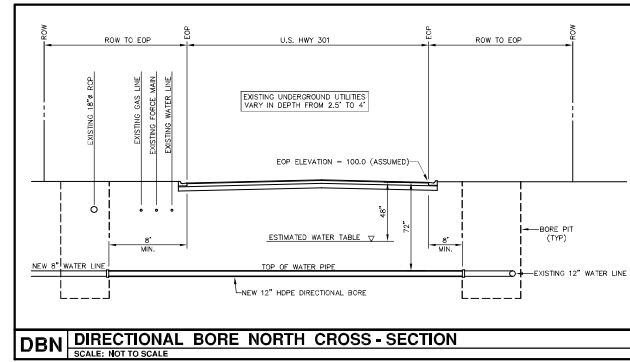
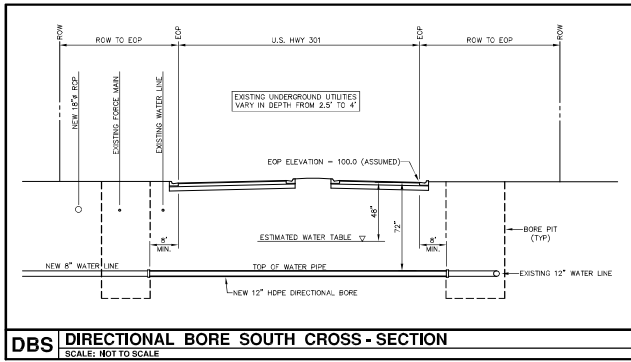
STORM DRAINAGE SCHEDULE			
INLET/HH	GRATE/RIM ELEV.	INV. ELEV.	TYPE
101	58.0z (VERIFY)	50.29	"P"
102	58.0z (VERIFY)	50.93	"P"
103	57.5z (VERIFY)	53.00	"P"
104	62.00	51.75	"P"
105	60.57	52.22	"V"
106	60.57	52.30	"V"
107	61.50	52.39	"P"
108	59.87	53.00	"V"
109	59.87	53.13	"V"
110	58.99	53.83	"V"
111	58.99	53.95	"V"

STORM DRAINAGE SCHEDULE			
INLET/HH	GRATE/RIM ELEV.	INV. ELEV.	TYPE
201	59.96	51.39	"V"
202	59.96	51.47	"V"
203	61.50	53.00	"P"
204	60.75	54.48	"V"
205	60.75	54.55	"V"
206	60.74	52.23	"V"
207	60.30	54.00	"V"
208	58.11	53.40	"V"
209	58.11	53.63	"V"

ALL WATER AND SEWER UTILITIES WITHIN THE ROAD ROW SHALL BE OWNED AND MAINTAINED BY THE CITY OF WILDMOOD.  
 LIFT STATION AND FORCE MAIN SHALL BE OWNED AND MAINTAINED BY THE CITY OF WILDMOOD.

CONTRACTOR SHALL OBTAIN A FDOT UTILITY PERMIT PRIOR TO CONSTRUCTION WITHIN THE FDOT ROW.  
 CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE WILDMOOD UTILITY DEPARTMENT TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO ANY MATERIALS BEING DELIVERED ON-SITE.

**UTILITY PLAN**  
 SCALE: 1"=50'  
 GRAPHIC SCALE



- GENERAL CONSTRUCTION NOTES**
- CONTRACTOR TO OBTAIN FDOT UTILITY PERMIT PRIOR TO CONSTRUCTION FOR ALL WORK WITHIN THE FDOT R.O.W.
  - ALL CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE UTILITY ACCOMMODATION MANUAL (UAM).
  - RESTORE AND RE-SOD WITH LIKE FOR LIKE SOD ALL DISTURBED AREAS IN ACCORDANCE WITH THE FDOT SPECIFICATION. THE PERMITTEE SHALL MAINTAIN THAT PORTION OF THE RIGHT-OF-WAY AFFECTED BY THE PERMIT INSTALLATION UNTIL VEGETATION IS ESTABLISHED.
  - AT SUCH LOCATIONS WHERE FDOT SIGNS, REFLECTORS, OR OTHER STRUCTURES WILL INTERFERE WITH PROPOSED CONSTRUCTION, THE PERMITTEE WILL NOTIFY THE LOCAL MAINTENANCE OR RESIDENT ENGINEER 48 HOURS PRIOR TO CONSTRUCTION. ALL ITEMS THAT REQUIRE RELOCATION OR REPLACEMENT WILL BE THE RESPONSIBILITY OF THE PERMITTEE.
  - THE PERMITTEE IS RESPONSIBLE FOR MOWING, AT NO EXPENSE TO THE DEPARTMENT, ANY AREA WITHIN FDOT RIGHT-OF-WAY WHERE THE PERMITTED WORK OR WHERE UTILITY LOCATE FLAGS PLACED FOR THE PERMITTED WORK CREATES A HINDRANCE FOR OR INTERFERES WITH THE DEPARTMENT'S REGULAR MOWING OPERATIONS. THE PERMITTEE SHALL BE RESPONSIBLE FOR MOWING UNTIL ALL SUCH HINDRANCES ARE REMOVED SO THAT REGULAR FDOT MOWING CAN RESUME. THE PERMITTEE SHALL MEET THE MOWING REQUIREMENT ESTABLISHED BY THE DEPARTMENT'S MAINTENANCE RATING PROGRAM (MRP). CONTACT OUR LOCAL FDOT MAINTENANCE OFFICE FOR DETAILS.
  - ALL UTILITY FLAGS SHALL BE REMOVED BY THE PERMITTEE OR THEIR LOCAL CONTRACTORS WHEN THEY ARE NO LONGER NEEDED.
  - CALL "SUNSHINE" FOR UTILITY LOCATION SERVICE 48 HOURS PRIOR TO CONSTRUCTION (1-800-432-4770).
  - TRAFFIC CONTROL THROUGHOUT THE WORK ZONE SHALL BE PER THE FDOT STANDARD INDEX(S) 102-600 & 102-611.
  - ANY UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
  - WATER MAIN PLACEMENT METHOD-MACHINE TRENCHING.
  - ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
  - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT A MINIMUM OF TWO BUSINESS DAYS PRIOR TO ANY LANE CLOSURES OR BEGINNING OF ANY CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY.
  - IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO FDOT FACILITIES CAUSED BY CONSTRUCTION OF THE PROJECT.
  - MAINTAIN MINIMUM 2' SEPARATION FROM ALL EXISTING UTILITIES.

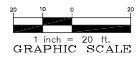
**MINIMUM BORE DEPTH**  
**12" WATER MAIN**  
 BORE DIAMETER = 1.5 x 12" = 18"  
 BORE DEPTH = 10 x 18" = 180"  
 REAMER SIZE = 18"

\*BORE DEPTH REVISED IN FIELD TO BE 2 FEET BELOW THE WATER TABLE PER THE FDOT UTILITY ACCOMMODATION MANUAL (UAM).

CONTRACTOR SHALL OBTAIN FDOT PERMIT PRIOR TO ANY WORK WITHIN THE FDOT ROW.

**PVC PIPING SPECIFICATIONS**  
 DOMESTIC WATER LINES SHALL BE C-900 PVC, DR18.

**VERTICAL DATUM:**  
 ELEVATIONS BASED ON N.A.-VD, 1988 VERTICAL DATUM



RIDDLE - NEWMAN ENGINEERING, INC.  
 115 NORTH CANAL STREET  
 LEESBURG, FLORIDA 34448  
 TEL: (352) 767-7448  
 FAX: (352) 767-7412  
 keith@riddle-ne.com  
 URL: WWW.RIDDLE-NE.COM

**RIDDLE NEWMAN ENGINEERING INC.**

KEY #:  
 REV #:  
 REV #:  
 REV #:  
 REV #:

DATE: 6/30/22  
 DRAWN BY: K.E.R.  
 CHECKED BY: K.E.R.  
 SCALE: 1"=20'  
 SHEET NO. 18/29

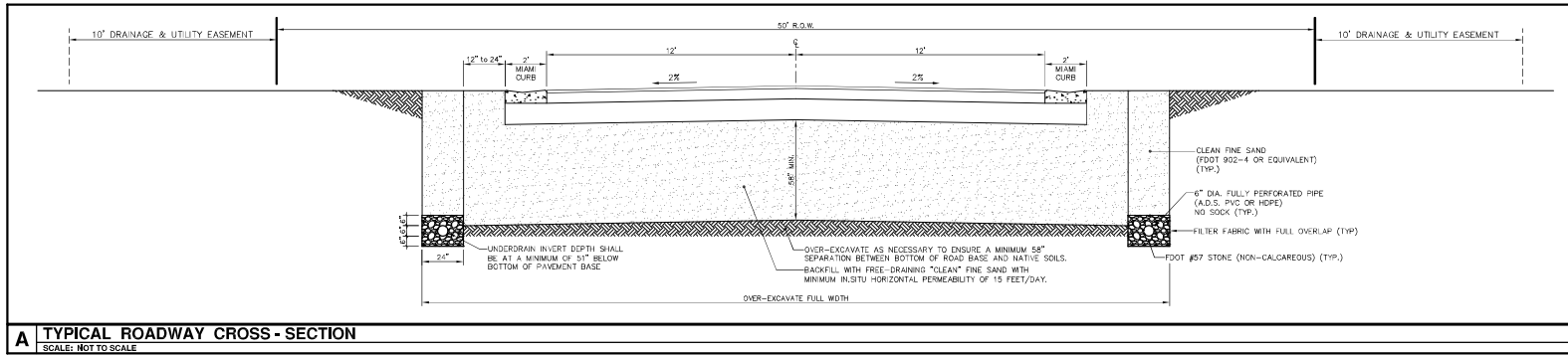
**DIRECTIONAL BORE CROSS SECTIONS**

**NEW HORIZON PLAZA**  
 WILDWOOD FLORIDA

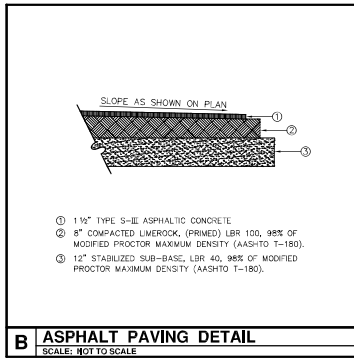
**C4.2**

FILE: L:\300\New\_Horizon Plaza

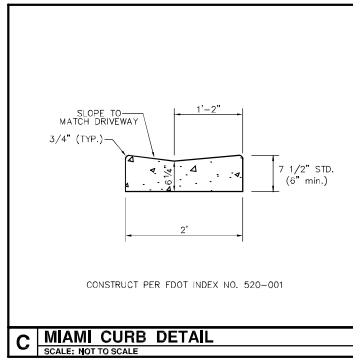
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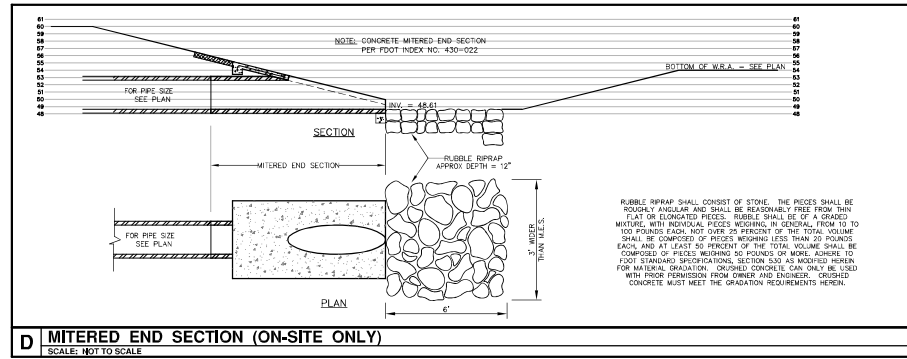
**A TYPICAL ROADWAY CROSS-SECTION**  
SCALE: NOT TO SCALE



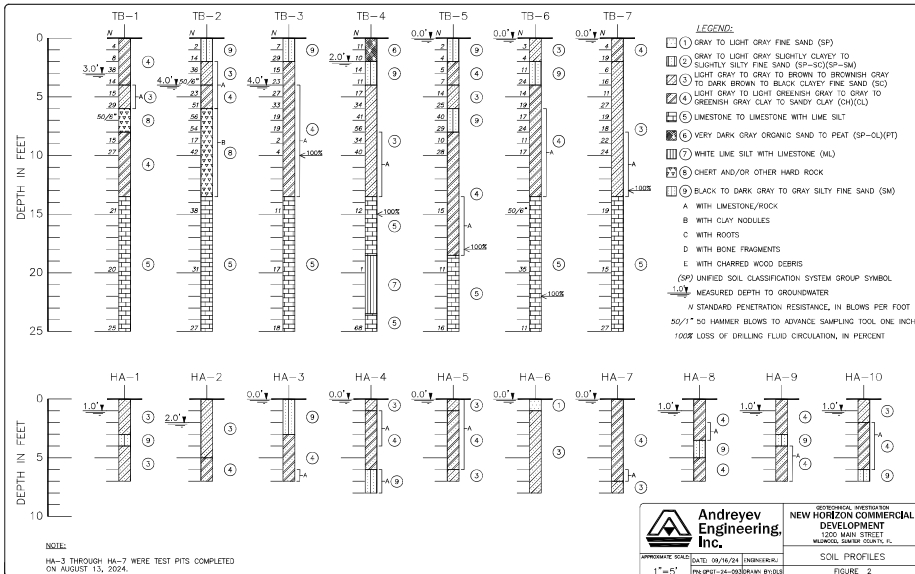
**B ASPHALT PAVING DETAIL**  
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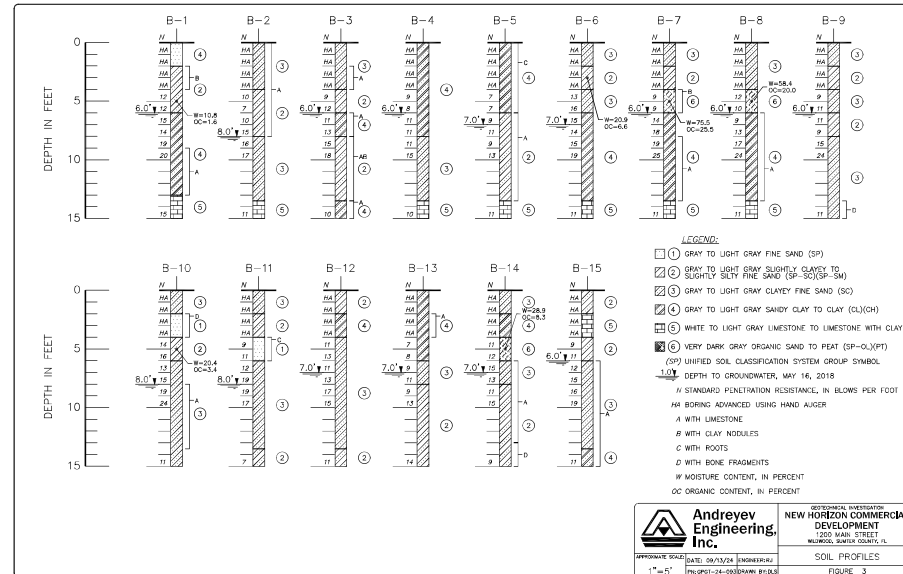
**C MIAMI CURB DETAIL**  
SCALE: NOT TO SCALE



**D MITERED END SECTION (ON-SITE ONLY)**  
SCALE: NOT TO SCALE



Andreyev Engineering, Inc. PROFESSIONAL ENGINEER  
1200 MAIN STREET  
WILDCOOD, TAMPA COUNTY, FL  
DATE: 08/15/24 ENGINEER: [Signature]  
PROJECT: 24-00339AW-BV-03  
SCALE: 1"=5'  
FIGURE 2



Andreyev Engineering, Inc. PROFESSIONAL ENGINEER  
1200 MAIN STREET  
WILDCOOD, TAMPA COUNTY, FL  
DATE: 08/15/24 ENGINEER: [Signature]  
PROJECT: 24-00339AW-BV-03  
SCALE: 1"=5'  
FIGURE 3

RIDDLE - NEWMAN ENGINEERING, INC.  
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www.riddle-n.com  
KEITH E. RIDDLE, P.E.  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
LICENSE NO. 38800  
DATE: 08/15/24  
PROJECT: 24-00339AW-BV-03  
SHEET NO. C5.1











**TESTING**

AFTER THE PIPE HAS BEEN CONNECTED AND LAD IN THE TRENCHES, ENOUGH BACKFILL BETWEEN JOINTS WILL BE MADE TO INSURE THE ANCHORAGE OF THE PIPE IN THE TRENCH AND THE JOINTS PRESSURE TESTED. THE CONTINUITY SHALL BE MADE BY THE LINE WITH WATER AND INSTALL THE NECESSARY FITTINGS, PUMPS, GAGES, ETC. TO SUBJECT THE LINES TO A HYDROSTATIC GAUGE PRESSURE OF 150 PSI.

EACH INDIVIDUAL BRANCH LINE OF LOOP SHALL BE SUBJECT TO THE 150 PSI PRESSURE AND MAINTAINED FOR AT LEAST 15 MINUTES WITH NO LOSS OF PRESSURE. ANY SECTIONS OR LEAKS REVEALED WILL BE LOCATED AND REPAIRED AND ANOTHER PRESSURE TEST RUN BEFORE BACKFILLING.

AFTER THE TESTING OF THE INDIVIDUAL BRANCH LINES, THOSE PORTIONS OF THE LINE WILL BE APPROVED FOR BACKFILL. BUT THE MAINS WHICH LEAK OR WHICH SHOW LEAKS WILL BE REPAIRED AND THE MAINS WHICH LEAK WILL REMAIN OPEN. AFTER TESTING OF ALL BRANCH LINES AND THE COMPLETE CONNECTION OF THE ENTIRE DISTRIBUTION SYSTEM, A PRESSURE TEST WILL BE RUN ON THE ENTIRE SYSTEM. A PRESSURE OF 150 PSI WILL BE PUT ON THE SYSTEM AND WILL BE MAINTAINED FOR AT LEAST 2 HOURS WITH NO LOSS IN PRESSURE. IN ACCORDANCE WITH THE PROCEDURES SPECIFIED IN ANNA MANUAL NO. 23. AFTER THE SYSTEM MAINTAINS THE TEST PRESSURE, THE ENTIRE SYSTEM MAY BE BACKFILLED.

**ALL NON-POTABLE WATER DISTRIBUTION SYSTEM PRESSURE TESTING SHALL BE COMPLETED A MINIMUM OF 30 DAYS PRIOR TO THE SUBSTANTIAL COMPLETION DATE OR AS REQUIRED BY THE CITY ENGINEER.**

**BACKFILLING**

TRENCHES SHALL BE BACKFILLED WITH THE EXCAVATED MATERIALS FROM WHICH LARGE CLODS OR STONES HAVE BEEN REMOVED AND SHALL BE CAREFULLY DEPOSITED IN LAYERS NOT TO EXCEED 12" AND THOROUGHLY AND CAREFULLY TAMPED UNTIL ENOUGH FILL HAS BEEN PLACED TO PROVIDE A COVER OF NOT LESS THAN 2' ABOVE THE TOP OF THE ROADWAY OF THE BACKFILL MATERIAL MAY THEN BE PLACED AND SHOULD BE MOISTENED AND TAMPED TO INSURE PROPER COMPACTION.

BACKFILL SHALL NOT BE PLACED OVER ANY PLASTIC PIPE WHILE IT IS IN A HEATED CONDITION. BEFORE BACKFILLING THE PIPE, THE TEMPERATURE SHALL BE BROUGHT TO THE APPROXIMATE TEMPERATURE OF THE GROUND EITHER BY RUNNING WATER THROUGH IT OR BY BACKFILLING IN THE EARLY MORNING WHEN THE PIPE AND GROUND ARE AT THE SAME TEMPERATURE.

WHENEVER THE TRENCHES HAVE NOT BEEN PROPERLY FILLED, OR IF SETTLEMENT OCCURS, THEY SHALL BE REFILED, COMPACTED, SMOOTHED OFF, AND FINALLY MADE TO CONFORM TO THE SURFACE OF THE GROUND. BACKFILL IN OPEN TRENCHES, ALLEYS, ROADS OR OTHER AREAS WHICH ARE TO BE REPAIRED SHALL BE MADE AS SPECIFIED ABOVE EXCEPT THAT THE ENTIRE FILL ABOVE PIPE SHALL BE DEPOSITED IN LAYERS NOT TO EXCEED 12" IN THICKNESS, MOISTENED AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 SO THAT WHEN BACKFILLING IS COMPLETED, THE ROADWAY PAVING MAY BE PLACED IMMEDIATELY.

**PLUMBING CODE**

ALL PIPING AND RELATED FITTINGS SHALL BE INSTALLED ACCORDING TO THE PLUMBING CODE OF THE STATE OF FLORIDA, LOCAL AUTHORITIES AND MANUFACTURER'S INFORMATION. MANUFACTURER'S INSTRUCTIONS AND/OR DRAWINGS EXCEED THE REQUIREMENTS OF SAID CODES, THESE DOCUMENTS TAKE PRECEDENCE. THE PIPING SHALL BE INSTALLED IN A STRONG, NEAT AND WORKMANLIKE MANNER, SUBJECT TO THE RESTRICTIONS INDICATED.

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 11-10-14	SCALE: 1 OF 4
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	NON-POTABLE WATER DISTRIBUTION SPECIFICATIONS	DATE: 11-10-14	SCALE: 4 OF 4

**NOTES:**

- PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER ASTM D 1557-1-180.
- TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER ROADWAYS) OF THE MAXIMUM DENSITY AS PER ASTM D 1557-1-180.
- (\*) 1/2" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 3/4" MAX. FOR PIPE DIAMETER 24" AND LARGER.
- WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
- ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
- WHEN REQUIRED BY THE ENGINEER, GRAVITY SANITARY SHALL UTILIZE TYPE A BEDDING. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15", AND 6" MINIMUM FOR PIPE DIAMETER 15" AND LARGER.
- DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL COVER DEPTH OF BEDDING ROCK BELOW THE PIPE. THE REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 11-10-14	SCALE: 1 OF 1
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	TYPE A BEDDING AND TRENCHING DETAIL	DATE: 11-10-14	SCALE: 1 OF 1

**NOTES:**

- PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER ASTM D 1557-1-180.
- TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER ROADWAYS) OF THE MAXIMUM DENSITY AS PER ASTM D 1557-1-180.
- PIPE BEDDING: UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
- (\*) 1/2" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 3/4" MAX. FOR PIPE DIAMETER 24" AND LARGER.
- WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
- PIPE SHALL BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
- FINAL RESTORATION SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 11-10-14	SCALE: 1 OF 1
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	TYPE B BEDDING AND TRENCHING DETAIL	DATE: 11-10-14	SCALE: 1 OF 1

LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH FAC. RULE 62-555.314

OTHER PIPE	HORIZONTAL SEPARATION	CROSSINGS (1)	JOINT SPACING @ CROSSINGS (FULL JOINT CENTERED)
STORM SEWER, STORMWATER FORCE MAIN, RECLAIMED WATER (2)	3 FT. MINIMUM	WATER MAIN	ALTERNATE 3 FT. MINIMUM
VACUUM SANITARY SEWER	10 FT. PREFERRED 3 FT. MINIMUM (3)	WATER MAIN	ALTERNATE 3 FT. MINIMUM
GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCE MAIN, RECLAIMED WATER (2)	10 FT. PREFERRED 6 FT. MINIMUM (3)	WATER MAIN	ALTERNATE 6 FT. MINIMUM
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 FT. MINIMUM	WATER MAIN	ALTERNATE 6 FT. MINIMUM

**NOTES:**

- WATER MAIN SHOULD CROSS ABOVE OTHER PIPE. WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
- RECLAIMED WATER REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C.
- 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
- RECLAIMED WATER NOT REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C.

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 11-10-14	SCALE: 1 OF 1
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	SEPARATION OF WATER MAINS	DATE: 11-10-14	SCALE: 1 OF 1

**PIPE FITTING RESTRAINTS:**

- TYLER-UDEN 1000 TUF GRIP
- ESKA SERIES 1000 METALLIC
- ESKA SERIES 1000 METALLIC D.P. PIPE BELL RESTRAINTS
- ESKA SERIES 1000 EPFL BELL RESTRAINT
- PVC CHAD FITTING RESTRAINTS
- OR
- ESKA SERIES 3000 EPFL BELL RESTRAINT
- OR
- ESKA SERIES 3000 METALLIC
- OR
- ESKA SERIES 3000 SPLIT BELL RESTRAINT
- OR
- ESKA SERIES 1900 SPLIT BELL RESTRAINT

**ALL JOINTS WITH LENGTH "L" OF FITTING MUST BE RESTRAINED.**

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 11-10-14	SCALE: 1 OF 2
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	MECHANICAL JOINT RESTRAINTS	DATE: 11-10-14	SCALE: 1 OF 2

MINIMUM LENGTH OF PIPE "L" (FEET) TO BE RESTRAINED (SOURCE: ESKA PIPE RESTRAINT LENGTH CALCULATION PROGRAM FOR PVC PIPE, RELEASE 3.1, AND DIPRA THURST RESTRAINT FOR DUCTILE IRON PIPE, RELEASE 2.2)

FITTING TYPE	PIPE SIZE											
	4"	6"	8"	10"	12"	14"	16"	20"	24"	30"	36"	42"
90° HORIZ. BEND	3.7	2.4	3.1	3.7	4.3	4.9	5.5	6.8	8.1	9.4	10.7	12.0
45° HORIZ. BEND	7	10	13	15	18	20	23	28	32	37	41	45
90° VERT. OFFSET	2	2	3	4	5	5	6	7	8	9	10	11
45° VERT. OFFSET	1.6	2.2	2.9	3.4	4.1	4.6	5.2	6.4	7.4	8.5	9.6	10.7
11.25° VERT. OFFSET	7	10	13	15	18	20	23	28	32	37	41	45
PLUG (BEAR END) VALVE	3.8	5.3	6.9	8.3	9.8	11.2	12.8	15.3	17.9	20.4	23.0	25.6
TCC (BRANCH REST.)	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
REDUCER (LARGER PIPE RESTRAINT)	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8

**NOTES:**

- THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:  
SOIL TYPE - SP TRENCH TYPE - 3 TEST PRESSURE - 150 PSI SAFETY FACTOR - 1.5 DEPTH OF BURY - 3' VERTICAL OFFSET - 3'
- THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON AND PVC PIPE.
- ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
- RESTRAINED PIPE LENGTHS FOR VALVES APPLY TO PIPE ON BOTH SIDES OF VALVES.
- THIS TABLE IS FOR SP SOLS. THE ENGINEER IS TO BE NOTIFIED IF OTHER TYPE SOLS ARE ENCOUNTERED.
- ALL PIPES SHALL BE RESTRAINED FOR THE LENGTHS AS CALLED FOR IN THE ABOVE REFERENCED TABLE. THE COSTS FOR THESE RESTRAINED JOINTS SHALL BE CONSIDERED IN ADDITION TO THE COST OF THE PIPE.
- ANY CALL OUTS AS NOTED ON THE PLANS FOR "TUF GRIP" RESTRAINTS OR "METALLIC" ARE IN ADDITION TO THE RESTRAINTS CALLED FOR IN THE ABOVE TABLE.

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 11-10-14	SCALE: 2 OF 2
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	MECHANICAL JOINT RESTRAINTS	DATE: 11-10-14	SCALE: 2 OF 2

**NOTES:**

- THERE SHALL BE IN ALL CASES A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN WATER MAINS AND FORCE MAINS.
- WHEREVER POSSIBLE WATER MAINS SHALL PASS OVER FORCE MAINS OR STORM SEWERS.
- FITTINGS SHALL BE RESTRAINED WITH TUF GRIP OR METALLIC RESTRAINTS
- THE DEFLECTION TYPE CROSSING IS PREFERRED.
- DO NOT EXCEED 75% OF MANUFACTURER'S RECOMMENDED MAXIMUM JOINT DEFLECTION.
- REFER TO TYPICAL RESTRAINING DETAIL W-58

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 11-10-14	SCALE: 1 OF 1
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	WATER SEWER PIPE CONFLICT DETAIL	DATE: 11-10-14	SCALE: 1 OF 1

**NOTES:**

- PVC EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION.
- R/E ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO A FOOT DEPTH BELOW FINISHED GRADE.
- GATE VALVES SHALL BE USED WITH ALL WATER MAINS UP TO TWELVE (12) INCHES. BUTTERFLY VALVES SHALL BE USED FOR ALL LARGER SIZES.
- WHERE VALVE BOX IS TO BE INSTALLED IN ROADWAY OR OTHER HEAVY AREA, BOX SHALL BE LAID ON PAVEMENT OR SOLID BRICKS.

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	CITY OF WILDWOOD WATER DETAIL	DATE: 09-18-19	SCALE: 1 OF 1
CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 32194 (352) 330-1330	GATE VALVE AND BOX DETAIL	DATE: 09-18-19	SCALE: 1 OF 1

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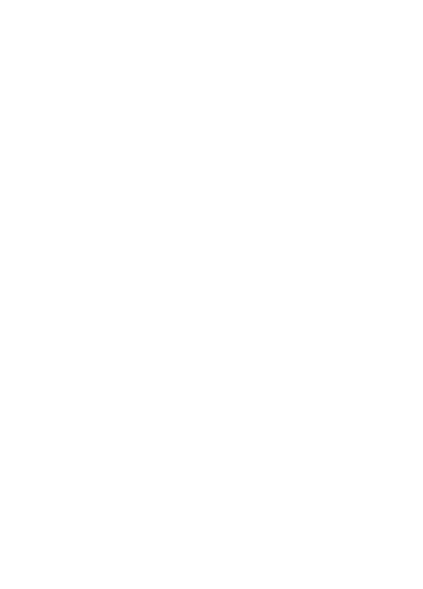
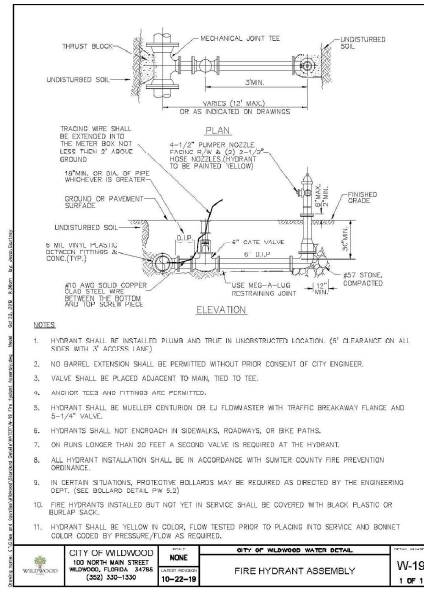
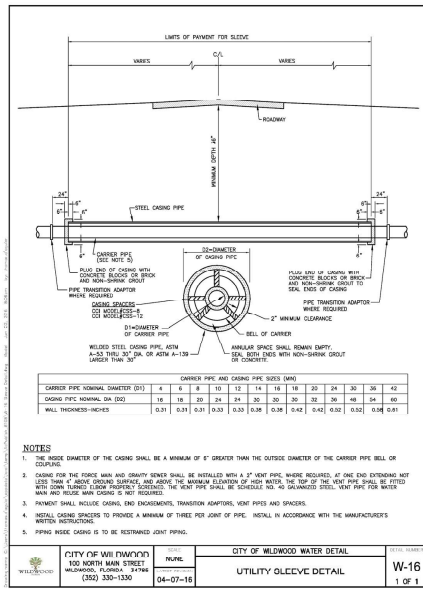
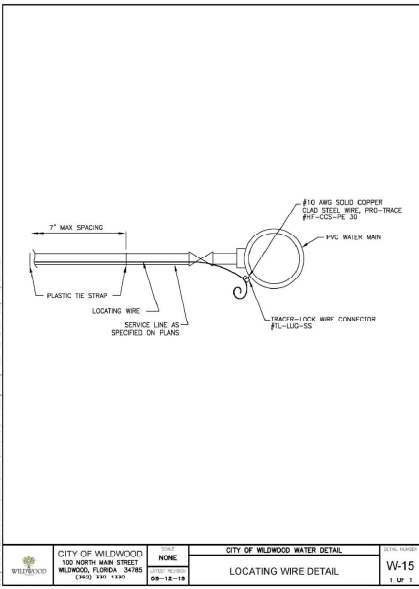
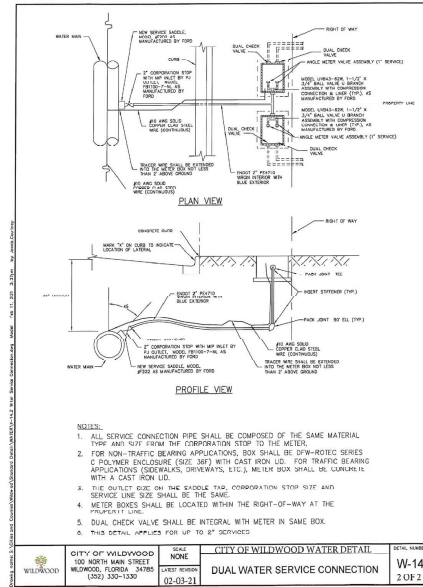
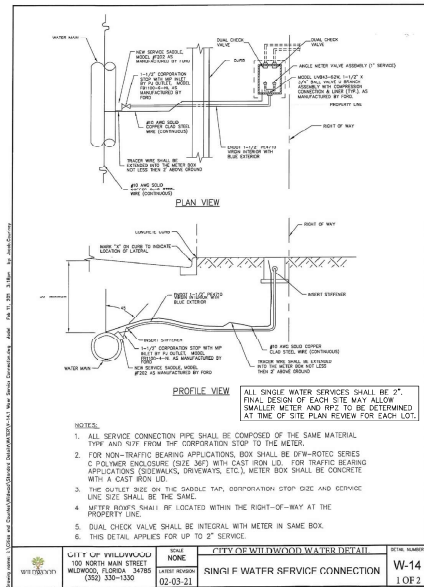
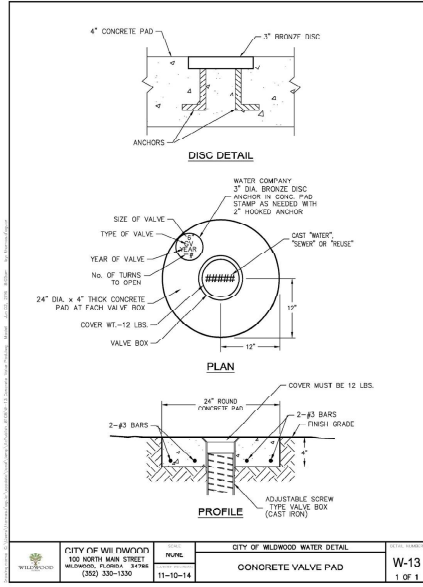
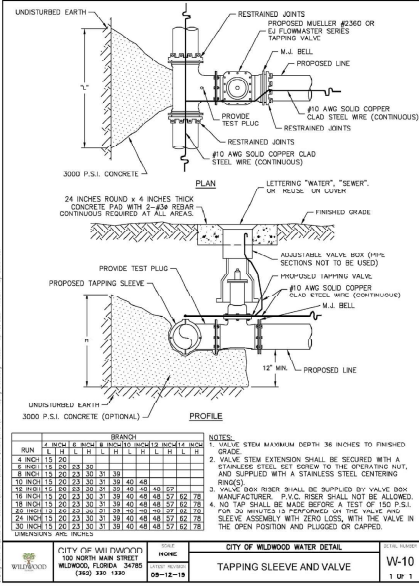
RIDDLE NEWMAN ENGINEERING INC.  
KEITH E. RIDDLE, P.E.  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
LICENSE NO. 38800

FLORIDA  
R.S.H.  
ENGINEER  
K.E.R.  
ENGINEER  
S.M.S.  
N.T.S.  
S.A.B.  
DATE: 6/30/22  
PROJECT: NEW HORIZON PLAZA  
WILDWOOD

TYPICAL WATER DETAILS

NEW HORIZON PLAZA  
WILDWOOD  
FLORIDA

C6.4



**TYPICAL WATER DETAILS**

**NEW HORIZON PLAZA**  
WILMINGTON, FLORIDA

**C6.5**

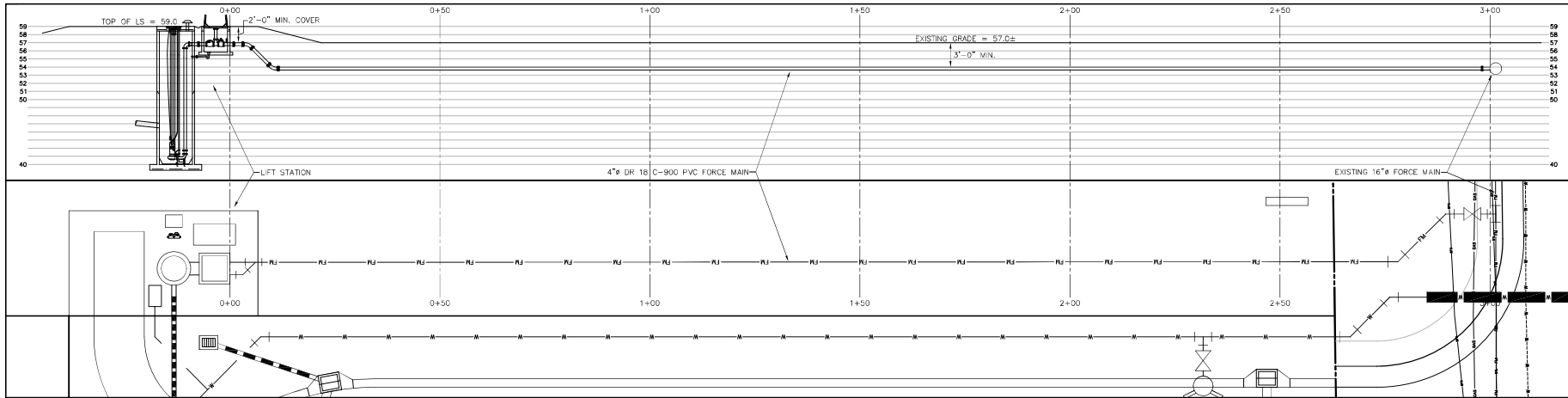
FILE: U:\S\New\_Horizon Plaza

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LICENSE NO. 38800





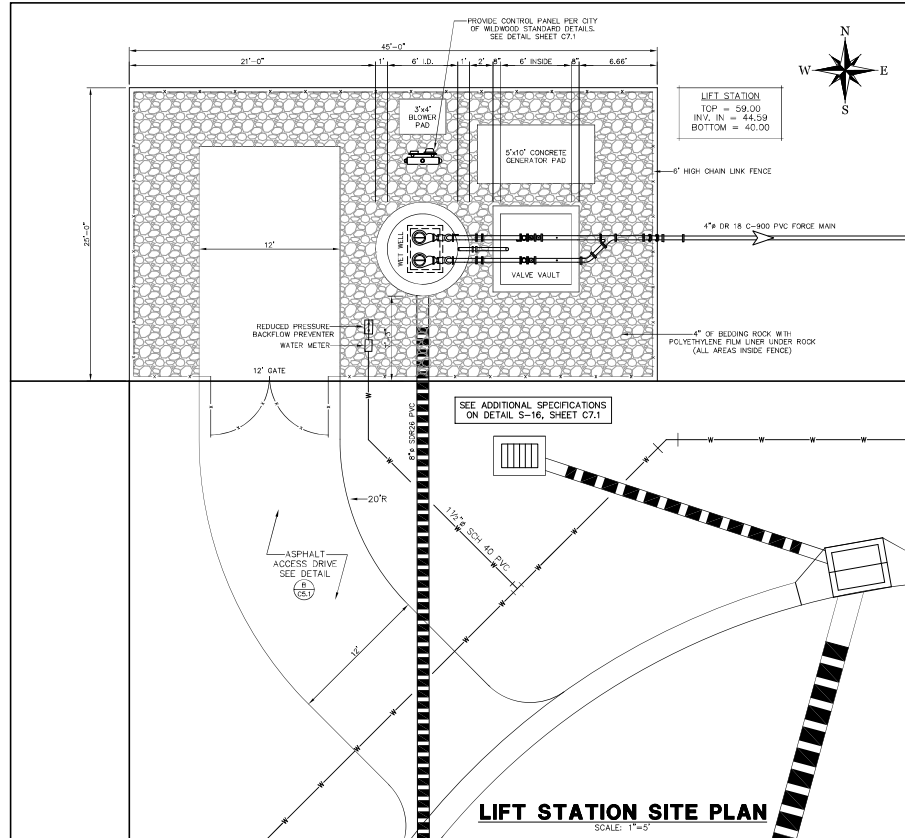
**FORCE MAIN PLAN / PROFILE**  
SCALE: N.T.S.

LIFT STATION IS DESIGNED BASED ON PRELIMINARY INFORMATION AVAILABLE AT TIME OF PLAN SUBMISSION. FINAL DESIGN SHALL BE SUBJECT TO REVIEW AND REVISION.

LIFT STATION DATA		
LIFT STATION		L.S.
TOP OF LIFT STATION	1	59.00
HIGH LEVEL ALARM & INVERT	2	44.59
LAG PUMP ON	3	44.09
LEAD PUMP ON	4	43.59
PUMP OFF	5	41.90
BOTTOM OF LIFT STATION	6	40.00
WET WELL DIAMETER	70"	6'9"
H.P. OF PUMPS	-	6.5 HP

TYPICAL DUAL PUMP INSTALLATION:  
PUMP: (2) FLYGT PUMPS, NP3102 SH3, 257 TRIM  
RATED AT 100 GPM @ 63" TDH.  
PIPING: FORCE MAIN PIPING SHALL BE 4" DR 18 C-900 PVC.  
ELECTRICAL REQUIREMENTS: 3-PHASE  
PUMP SUPPLIER SHALL FURNISH SHOP DRAWINGS AND OPERATION MANUALS.

CONTRACTOR SHALL VERIFY AVAILABLE ELECTRICAL DATA PRIOR TO ORDERING OF ANY LIFT STATION MATERIALS.



**LIFT STATION SITE PLAN**  
SCALE: 1"=5'

RIDDLE-NEWMAN ENGINEERING, INC.  
 115 NORTH CANAL STREET  
 LEONORS, FLORIDA 34448  
 TEL: (813) 767-7412  
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 keith@riddle-n.com  
 www.riddle-n.com

**RIDDLE NEWMAN ENGINEERING INC.**  
 ESTABLISHED 1988

REV # REVISED PER WILDWOOD 9/11/23  
 REV # REVISED PER WILDWOOD & FDOT 2/1/24  
 REV # REVISED LAYOUT 1/11/24  
 REV # REVISED PER SPANNA, WILDWOOD & FDOT 3/27/23  
 REV # REVISED PER SPANNA & WILDWOOD 1/28/23

KEITH E. RIDDLE, P.E.  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 38800

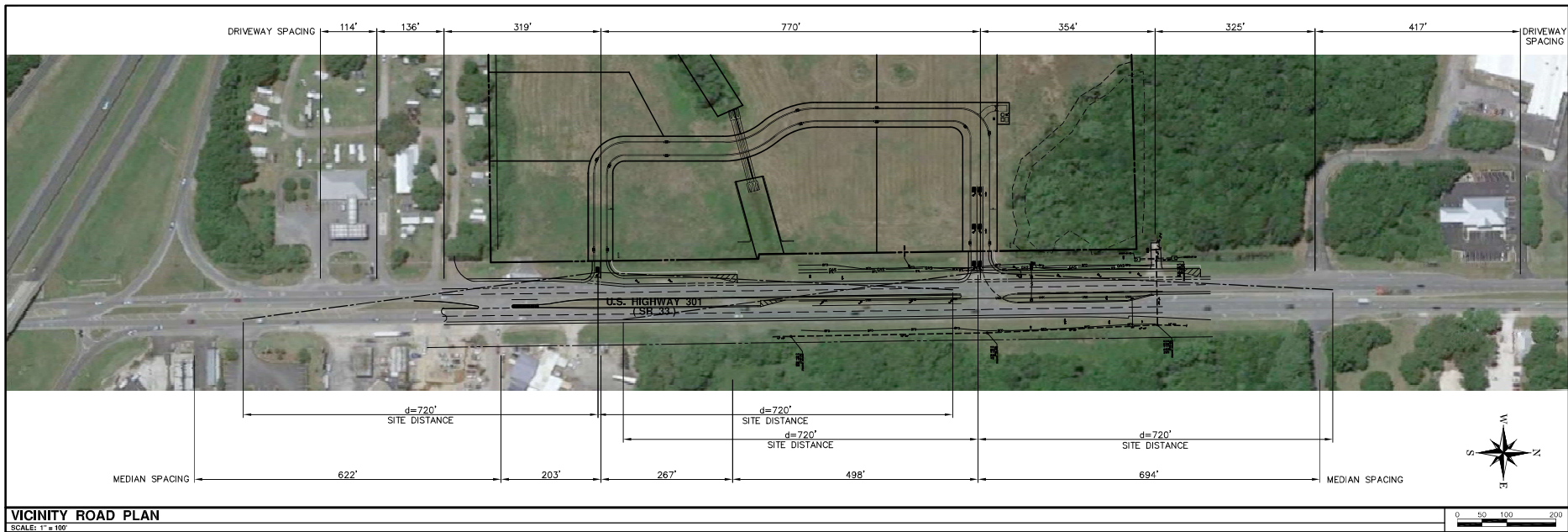
DRAWN: R.S.H.  
 CHECKED: K.E.R.  
 SCALE: 1"=5'  
 DATE: 6/30/22  
 PROJECT: 18039

**LIFT STATION DETAILS**  
**NEW HORIZON PLAZA**  
 FLORIDA  
 WILDWOOD

SHEET NO.  
**C7.2**

FILE: L:\03\New Horizon Plaza  
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**F.D.O.T. CONSTRUCTION NOTES**

ALL CONSTRUCTION WITHIN F.D.O.T. RIGHT-OF-WAY SHALL MEET THE LATEST EDITION OF THE FDOT DESIGN STANDARD PLANS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.

ALL DISTURBED AREAS WITHIN F.D.O.T. RIGHT-OF-WAY SHALL BE GRADED & SODDED WITH ARGENTINE BAHIA SOD.

ALL MAINTENANCE OF TRAFFIC SHALL ADHERE TO THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS SECTION 102.

ALL STRIPING WITHIN F.D.O.T. RIGHT-OF-WAY SHALL BE LEAD-FREE THERMOPLASTIC.

ALL SIGNAGE SHALL BE PER FDOT STANDARD SPECIFICATIONS SECTION 700.

REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER FDOT INDEX NO. 706-001.

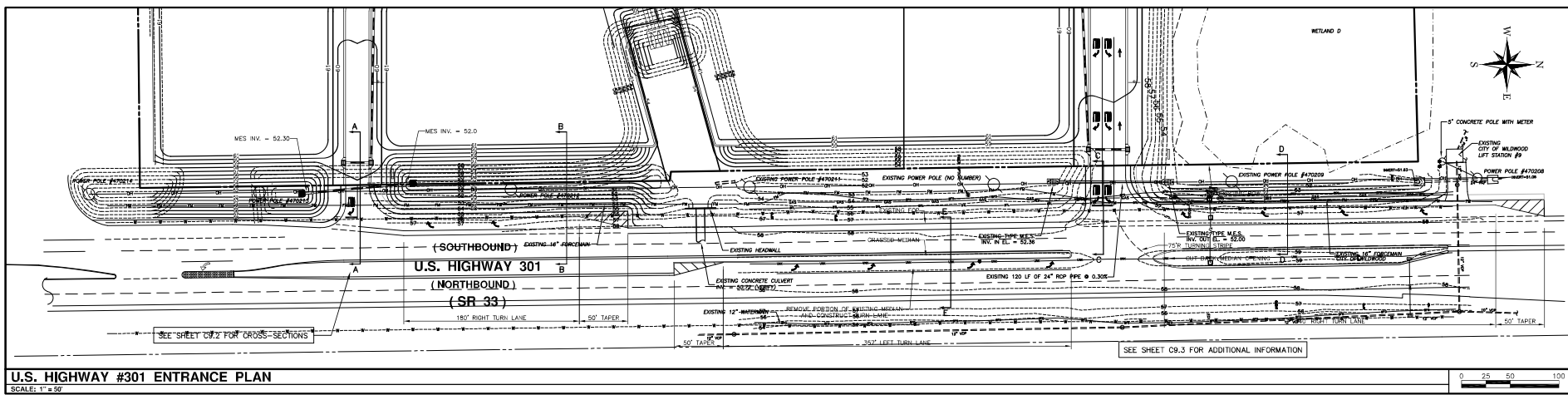
CONTRACTOR SHALL BE REQUIRED TO UPDATE/ADD/REMOVE SIGNS AND/OR PAVEMENT MARKINGS THAT ARE NOT IN COMPLIANCE WITH CURRENT STANDARDS.

ANY SIDEWALKS, RAMPS & CROSSWALKS SHALL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.

CONTRACTOR SHALL BE REQUIRED TO PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL PRIOR TO ANY WORK IN ROAD ROW.

CONTRACTOR PLEASE NOTE:  
SHOULD NEW GRADING IN ROW RESULT IN LESS THAN 36" COVER OVER EXISTING FORCE MAIN, THE FORCE MAIN SHALL BE LOWERED OR RELOCATED BY THE CONTRACTOR.

**POSTED SPEED = 45 MPH**  
**DESIGN SPEED = 45 MPH**



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**RIDDLE - NEWMAN ENGINEERING INC.**  
 REGISTERED PROFESSIONAL ENGINEERS  
 STATE OF FLORIDA

REV #1: REVISION TO ADD RETAINING WALLS 6/20/25  
 REV #2: STORM PIPE MATERIAL CHANGE AND UNDERDRAIN 3/29/24  
 REV #3: REVISION PER UPDATED FDOT SURVEY 02/24/24  
 REV #4: REVISION PER WILWOOD & FOOT 2/9/24  
 REV #5: REVISION LAYOUT 1/18/24  
 REV #6: REVISION PER FDOT 3/29/23  
 REV #7: REVISION PER SPANNA, WILWOOD & FOOT 3/27/23  
 REV #8: REVISION PER SPANNA & WILWOOD 3/29/23

KEITH E. RIDDLE, P.E.  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 38800

DRAWN: R.S.H.  
 CHECKED: K.E.R.  
 SCALE: AS SHOWN  
 DATE: 6/30/22  
 PROJECT NO. 1809

**FDOT ACCESS IMPROVEMENTS**  
**NEW HORIZON PLAZA**  
 FLORIDA  
 WILWOOD

SHEET NO.  
**C9.1**



