

# FINAL ENGINEERING PLANS FOR WINDWARD PRESERVE AMENITY

## LEGAL DESCRIPTION

PARCEL 4

A PORTION OF SECTION 10, LYING SOUTH OF THE SOUTH RIGHT-OF-WAY FOR STATE ROAD #528 COMMONLY KNOWN AS BEELINE HIGHWAY, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, EXCEPT 1/2 OF SOUTHEAST 1/4 OF SOUTHEAST 1/4, AND EXCEPT RIGHT-OF-WAY OF INTERSTATE HIGHWAY #95 AND EXCEPT RIGHT-OF-WAY FOR STATE ROAD #528, COMMONLY KNOWN AS BEELINE HIGHWAY, AND EXCEPT ALL OF THE LANDS LYING WESTERLY OF THE EXISTING RIGHT-OF-WAY FOR STATE ROAD (I-95) IN THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, LYING AND BEING IN BREVARD COUNTY, FLORIDA, BEING A PORTION OF THE LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 1316, PAGE 224, EXCEPT THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 3369, PAGE 3657, ALL IN THE PUBLIC RECORDS OF THE BREVARD COUNTY, FLORIDA.

LESS AND EXCEPT DESCRIBED AS FOLLOWS: PART A COMMENCE AT THE SOUTHWEST 1/4 CORNER OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, AS SHOWN ON THE RIGHT-OF-WAY MAP FOR PROJECT SECTION 70007-2508, RUN THENCE SOUTH 89°44'07" EAST, 561.54 FEET ALONG THE SOUTH LINE OF SAID SECTION 10 TO A POINT ON THE EXISTING EASTERNLY RIGHT-OF-WAY LINE OF STATE ROAD 9 (INTERSTATE 95, SECTION 70220-2402), THENCE ALONG SAID EXISTING RIGHT-OF-WAY LINE NORTH 18°18'53" WEST, 52.75 FEET TO THE POINT OF BEGINNING, THENCE CONTINUE NORTH 18°18'53" WEST, 290.22 FEET ALONG SAID EXISTING RIGHT-OF-WAY LINE TO THE BEGINNING OF A CURVE CONCAVE TO THE EAST, HAVING A RADIUS OF 3124.05 FEET, A CENTRAL ANGLE OF 18°07'00", AND A CHORD OF 983.70 FEET THAN BEARS NORTH 09°15'23" WEST, THENCE NORTHERLY ALONG THE ARC OF SAID CURVE 987.81 FEET, THENCE ALONG THE SOUTHERLY EXISTING RIGHT-OF-WAY LINE OF SAID SECTION 10 TO THE END OF SAID CURVE, THENCE CONCAVE ALONG THE EXISTING RIGHT-OF-WAY LINE NORTH 18°18'53" WEST, A DISTANCE OF 1040.46 FEET TO THE SOUTHERLY EXISTING RIGHT-OF-WAY LINE OF STATE ROAD 528 (SECTION 70007-2508, THENCE NORTH 08°36'31" WEST, 1040.46 FEET ALONG SAID SOUTHERLY EXISTING RIGHT-OF-WAY LINE TO A POINT OF CURVATURE, OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 600.49 FEET, A CENTRAL ANGLE OF 32°11'38", AND A CHORD OF 332.99 FEET THAT BEARS SOUTH 72°30'43" WEST, THENCE DEPARTING SAID EXISTING RIGHT-OF-WAY LINE, RUN WESTERLY ALONG THE ARC OF SAID CURVE 337.41 FEET FOR THE END OF SAID CURVE, THENCE SOUTH 56°24'54" WEST, 1093.6 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE EAST, HAVING A RADIUS OF 600.49 FEET, A CENTRAL ANGLE OF 56°36'47", AND A CHORD OF 369.50 FEET THAT BEARS SOUTH 28°06'30" WEST, THENCE NORTHERLY ALONG THE ARC OF SAID CURVE 369.50 FEET, THENCE SOUTH 00°11'53" WEST, 205.36 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE EAST, HAVING A RADIUS OF 3725.27 FEET, A CENTRAL ANGLE OF 18°07'00", AND A CHORD OF 1173.15 FEET THAT BEARS SOUTH 09°15'23" EAST, THENCE SOUTHERLY ALONG THE ARC OF SAID CURVE 1178.06 FEET TO THE END OF SAID CURVE, THENCE SOUTH 18°18'53" EAST, 109.59 FEET TO THE NORTH RIGHT-OF-WAY LINE OF JAMES ROAD, A 50 FOOT DEDICATED STREET, THENCE NORTH 89°44'07" WEST ALONG SAID RIGHT-OF-WAY LINE 12.66 FEET TO THE POINT OF BEGINNING.

BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

A PARCEL OF LAND LYING IN SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST 1/4 CORNER OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, RUN THENCE NORTH 00°15'06" WEST, A DISTANCE OF 50.00 FEET, TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF JAMES ROAD, A 50 FOOT DEDICATED STREET, THENCE NORTH 89°44'07" WEST, ALONG SAID NORTH RIGHT-OF-WAY LINE OF JAMES ROAD, A DISTANCE OF 2113.38 FEET, TO A POINT ON THE EASTERNLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 9 (INTERSTATE 95), THENCE NORTH 18°18'53" WEST ALONG THE SAID EASTERNLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 9, A DISTANCE OF 109.59 FEET, TO A POINT OF CURVATURE, OF A CURVE CONCAVE TO THE EAST, HAVING A RADIUS OF 3725.27 FEET, A CENTRAL ANGLE OF 18°07'00", THENCE NORTHERLY ALONG THE ARC OF SAID CURVE 337.41 FEET, THENCE CONCAVE ALONG THE ARC OF SAID CURVE 337.41 FEET, THENCE NORTH 00°11'53" WEST, A DISTANCE OF 205.36 FEET, TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 528 (ALSO KNOWN AS THE "BEELINE EXPRESSWAY" FORMERLY KNOWN AS STATE ROAD NO. 524) AND A POINT OF CURVATURE OF A CURVE CONCAVE TO THE EAST, HAVING A RADIUS OF 600.49 FEET, A CENTRAL ANGLE OF 56°36'47", THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 593.34 FEET, THENCE NORTH 56°24'54" EAST, A DISTANCE OF 1093.61 FEET, TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 600.49 FEET, A CENTRAL ANGLE OF 32°11'38", THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE, A DISTANCE OF 337.41 FEET, THENCE NORTH 89°36'31" EAST, A DISTANCE OF 1179.23 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTH, HAVING A RADIUS OF 5579.58 FEET, A CENTRAL ANGLE OF 16°24'08", THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 1597.28 FEET, THENCE SOUTH 74°59'21" EAST A DISTANCE OF 774.8 FEET, TO A POINT ON THE EAST LINE OF SAID SECTION 10, THENCE SOUTH 00°04'36" EAST ALONG THE EAST LINE OF SAID SECTION 10, A DISTANCE OF 1056.66 FEET, THENCE NORTH 89°52'22" WEST, A DISTANCE OF 668.67 FEET, THENCE SOUTH 00°07'14" EAST, A DISTANCE OF 1232.27 FEET, TO A POINT ON THE AFOREMENTIONED JAMES ROAD, A 50 FOOT DEDICATED STREET, THENCE NORTH 89°51'39" WEST, ALONG SAID NORTH RIGHT-OF-WAY LINE A DISTANCE OF 2003.09 FEET, TO THE POINT OF BEGINNING.

LESS AND EXCEPT THAT PARCEL CONVEYED BY ORDER OF TAKING IN THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION RECORDED FEB. 8, 2008 IN OFFICIAL RECORDS BOOK 5843, PAGE 351, OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA.

AND ALSO LESS AND EXCEPT LANDS DESCRIBED IN DEEDS TO BREVARD COUNTY PROPERTY HOLDINGS, LLC AS RECORDED IN OFFICIAL RECORDS BOOK 7000, PAGE 2377 AND OFFICIAL RECORDS BOOK 7434, PAGE 1216 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA.

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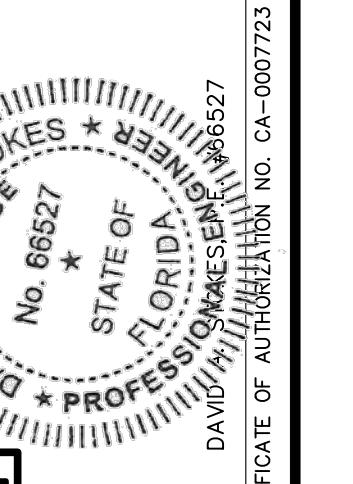
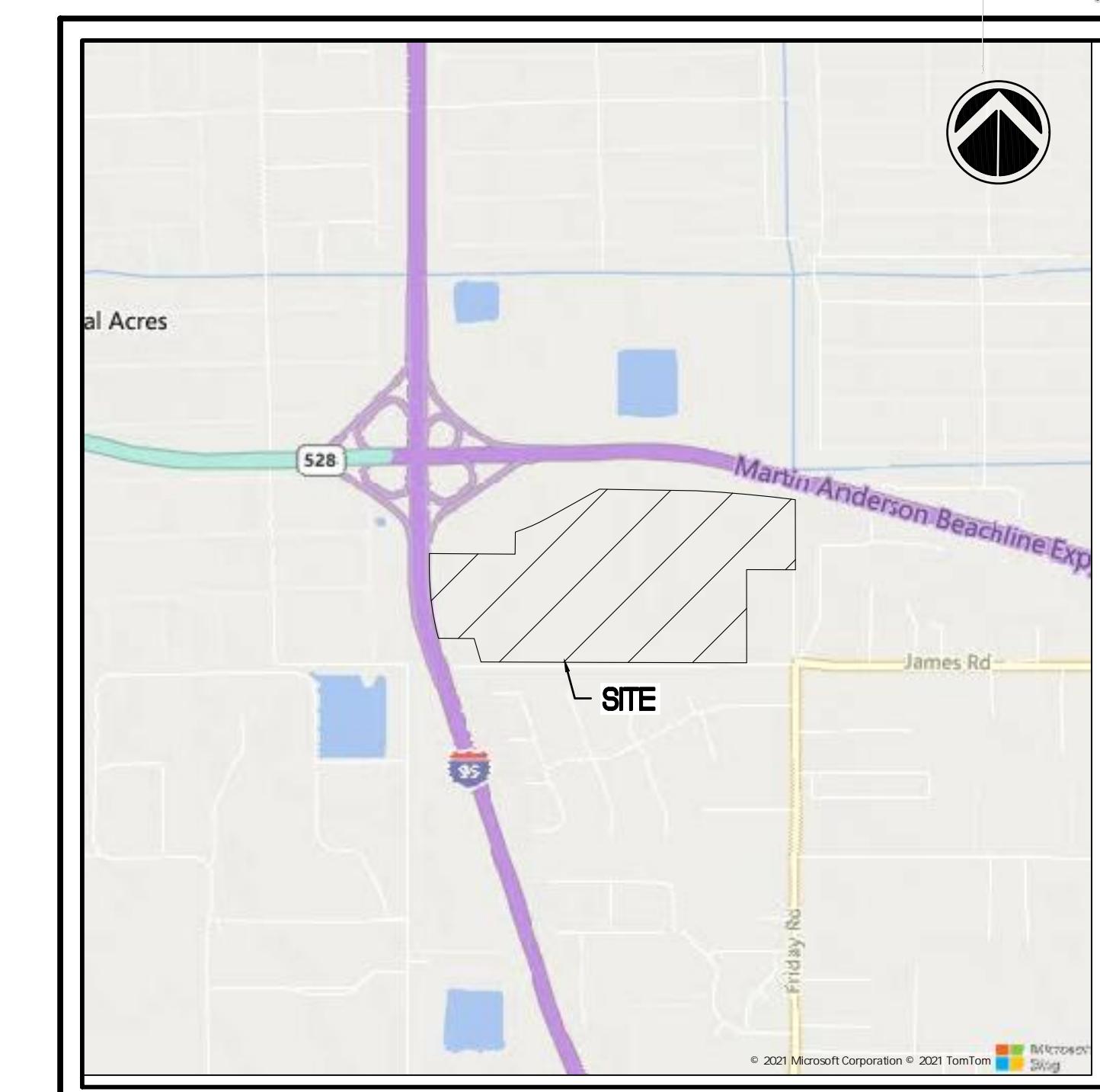
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NOTES:  
RIGHT-OF-WAY REVIEW AND APPROVAL DOES NOT CONSTITUTE COUNTY APPROVAL OR REVIEW OF ANY PRIVATE PARTY DEED RESTRICTIVE COVENANTS, PRIVATE EXCUSES, OR OTHER PRIVATE AGREEMENTS. ANY CHANGES TO THE APPROVED PLAN MUST BE COORDINATED THROUGH THE PUBLIC WORKS ENGINEERING PROGRAM. THE APPLICATION ASSUMES THE RISK THAT THE RIGHT-OF-WAY PERMIT MAY REQUIRE ADDITIONAL COUNTY REVIEWS INCLUDING ENGINEERING REVISIONS OR OTHER APPLICABLE COUNTY REVIEW PROCESSES SHOULD ANY ACTION TO ENFORCE ANY SUCH RESTRICTIONS REQUIRE REDESIGN OF THE PROJECT.

## VICINITY MAP

1" = 2,000'





## GENERAL NOTES

1. ALL CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE LATEST LOCAL AGENCY DETAILS, THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED IN 1991 BY THE STATE OF FLORIDA, AND ALL SUPPLEMENTS THERETO, AND THE FDOT "DESIGN STANDARDS", WHICHEVER IS MORE STRINGENT.
2. ALL FDOT DESIGN INDICES ARE HEREBY INCORPORATED AS PLAN REFERENCES HEREIN. CONTRACTOR IS RESPONSIBLE FOR OBTAINING COMPLETE COPIES OF ALL APPLICABLE INDEX DRAWINGS AND CONSTRUCTING ALL WORKS IN CONFORMANCE WITH THE FDOT DESIGN STANDARDS, LATEST EDITION.
3. THE LOCATION OF EXISTING UTILITIES SUCH AS WATER MAINS, SEWER MAINS, GAS LINES, ETC., AS SHOWN ON THE PLANS, WITH THE EXCEPTION OF THE LOCATIONS OF EXISTING UTILITIES AT THE POINTS OF CONNECTION TO AND AT ALL AREAS OF EXISTING UTILITIES, ARE PROVIDED FOR INFORMATION ONLY. THESE LOCATIONS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE SIZES AND LOCATIONS SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE SIZE AND LOCATION OF ALL EXISTING UTILITIES SHOWN AND NOT SHOWN ON THESE PLANS.
4. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR(S) TO ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND ARE IN HAND AT THE JOB SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL ABIDE BY ALL CONDITIONS CONTAINED THEREIN. PERMITS INCLUDED (BUT NOT NECESSARILY LIMITED TO) ARE:
- ACE NATIONWIDE OR INDIVIDUAL DREDGE AND FILL
  - FDEP WATER DISTRIBUTION
  - FDEP SANITARY SEWER COLLECTION AND TRANSMISSION
  - FDEP REUSE
  - FDEP DREDGE AND FILL
  - FDEP NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES
  - FDEP PUBLIC CONNECTION
  - FDOT STORMWATER DISCHARGE CONNECTION
  - FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION PERMIT FOR IMPACTS TO PROTECTED SPECIES
  - LOCAL RIGHT OF WAY USE
  - LOCAL UNDERGROUND UTILITIES
  - WATER MANAGEMENT DISTRICT CONSUMPTIVE USE FOR CONSTRUCTION DEWATERING (C.U.P.)
  - WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT (ERP)
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SETBACKS AND EASEMENTS BEFORE BEGINNING CONSTRUCTION.
6. BENCHMARKS AND OTHER REFERENCE POINTS SHALL BE CAREFULLY MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. IF DISTURBED OR DESTROYED, THESE POINTS SHALL BE REPLACED BY A LICENSED FLORIDA PROFESSIONAL LAND SURVEYOR (P.L.S.) AT CONTRACTOR'S EXPENSE.
7. DIFFERING SITE CONDITIONS FROM THAT WHICH IS REPRESENTED HERON, WHETHER ABOVE, ON, OR BELOW THE SURFACE OF THE GROUND, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND OWNER IN WRITING. NO CLAIM FOR EXPENSES INCURRED BY THE CONTRACTOR DUE TO DIFFERING SITE CONDITIONS WILL BE ALLOWED IF CONTRACTOR FAILS TO PROVIDE THE REQUIRED WRITTEN NOTIFICATION OF SUCH CONDITION TO THE ENGINEER AND OWNER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND REMOVAL OF ALL EXISTING STRUCTURES, ETC., UNLESS OTHERWISE NOTED. ALL SOIL STRIPPING, AND ANY UNSUITABLE MATERIAL, SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER.
9. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND UTILITIES NOTED TO REMAIN FROM DAMAGE OR DISPLACEMENT DURING CONSTRUCTION. IN THE EVENT OBSTRUCTIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER AND THE UTILITY COMPANY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED FOR REPAIR DAMAGE OR CORRECT DISPLACEMENT.
10. CONTRACTOR SHALL BE EXTREMELY CAUTIOUS WHEN WORKING NEAR TREES WHICH ARE TO BE SAVED, WHETHER SHOWN IN THE PLANS OR DESIGNATED IN THE FIELD. CONTRACTOR SHALL BECOME FAMILIAR WITH AND CONFORM WITH ALL TREE PROTECTION/ PRESERVATION PROVISIONS OF THE PRELIMINARY SUBDIVISION PLAN / DEVELOPMENT PLAN AND LOCAL GOVERNMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT AND MITIGATION COSTS FOR ANY TREES REMOVED THAT WERE DESIGNATED TO BE PRESERVED.
11. WHEN DETAILS ARE PROVIDED, CONTRACTOR SHALL CONSTRUCT JOB PER SPECIFIC DETAILS, AND NOT BY SCALING FROM THESE PLANS.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY REQUIRED TRAFFIC CONTROL PLANS. ALL WORK SHALL BE EXECUTED UNDER THE ESTABLISHED PLAN AND FDOT, AND LOCAL AGENCY APPROVED PROCEDURES.
13. THE CONTRACTOR SHALL RESTORE OFF SITE CONSTRUCTION AREAS TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
14. AS-BUILT DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE PROJECT ENGINEER UPON PROJECT COMPLETION.
15. CONTRACTOR SHALL COMPLY WITH ALL LOCAL AGENCY REQUIREMENTS FOR INSPECTION AND TESTING.
16. ALL NEW UTILITIES AND UPGRADED UTILITIES PROVIDED TO OR ON THE SITE MUST BE INSTALLED UNDERGROUND.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY TRAFFIC SIGNAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, PIER LOOP, SENSORS, POLL BOXES, CONDUIT, TRAFFIC SIGNALS, AND CABINETS. ANY ITEMS DAMAGED BY THE CONTRACTOR WILL BE RESTORED TO THEIR ORIGINAL CONDITIONS UNLESS OTHERWISE AGREED UPON BY THE COUNTY TRAFFIC ENGINEER.
18. ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH UTILITY PROVIDER'S STANDARDS AND CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
19. CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES OF PROPOSED START OF WORK IN ACCORDANCE WITH THEIR STANDARD REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, WATER, RECLAMED WATER, SEWER, POWER, TELEPHONE, GAS AND CABLE TV COMPANIES.
20. PRIOR TO COMMENCEMENT, CONTRACTOR SHALL PROVIDE ENGINEER WITH CONSTRUCTION SCHEDULE FOR VARIOUS SITE WORK ELEMENTS SO THAT PERIODIC SITE VISITS MAY BE COORDINATED TO ENSURE TIMELY CERTIFICATION OF COMPLETION TO AGENCIES AND AVOID DELAYS IN ISSUANCE OF CERTIFICATES OF OCCUPANCY/COMPLETION.
21. ALL RECOMMENDATIONS AND REQUIREMENTS OF INSPECTION PERSONNEL OTHER THAN OWNER/OWNER'S REPRESENTATIVE SHALL BE REPORTED TO ENGINEER/OWNER/OWNER'S REPRESENTATIVE PRIOR TO IMPLEMENTATION. COMPENSATION WILL NOT BE ALLOWED FOR WORK THAT IS NOT AUTHORIZED BY ENGINEER/OWNER/OWNER'S REPRESENTATIVE.
22. CONTRACTOR SHALL CONFIRM COMPATIBILITY OF PIPE SLOPES AND INVERTS DURING SHOP DRAWING AND MATERIALS ORDERING PHASE OF PROJECT AND ADVISE ENGINEER OF ANY DISCREPANCIES.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY TRAFFIC SIGNAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, PIER LOOP, SENSORS, POLL BOXES, CONDUIT, TRAFFIC SIGNALS, AND CABINETS. ANY ITEMS DAMAGED BY THE CONTRACTOR WILL BE RESTORED TO THEIR ORIGINAL CONDITIONS UNLESS OTHERWISE AGREED UPON BY THE COUNTY TRAFFIC ENGINEER.
24. CONTRACTOR SHALL CONFIRM THE BUILDING DIMENSIONS SHOWN HEREIN, WITH THOSE IN THE FINAL ARCHITECTURAL DRAWINGS PRIOR TO STAKEOUT. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLETELY STAKE AND CHECK ALL IMPROVEMENTS TO ENSURE ADEQUATE POSITIONING, BOTH HORIZONTAL AND VERTICAL, INCLUDING MINIMUM BUILDING SETBACKS PRIOR TO THE INSTALLATION OF ANY IMPROVEMENT.
25. CONTRACTOR IS TO COPY THE CITY WITH ALL MATERIALS TESTING PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.
26. CONTRACTOR TO VIDEO OR OTHERWISE DOCUMENT THE EXISTING CONDITIONS ON RIGHT-OF-WAYS AND ADJACENT PARCELS TO AVOID HAVING TO REPAIR DAMAGES NOT CAUSED DURING CONSTRUCTION.
27. CLEAN THE SURFACE TO BE PRIMED AND ENSURE THAT THE MOISTURE OF THE BASE DOES NOT EXCEED 20% OF THE OPTIMUM MOISTURE. ENSURE THAT THE TEMPERATURE OF THE PRIME COAT IS 150 DEGREES. APPLY THE PRIME COAT WITH A PRESSURE DISTRIBUTOR. THE PROPER APPLICATION SPREAD RATE WILL BE AT 1% WHICH IS SUFFICIENT TO COAT THE BASE MATERIAL UNIFORMLY WITH NO EXCESS. ALSO, SECTION 311-5.2: APTLY SAND UNIFORMLY AND FREE OF DUST AND DIRT. PRIME THE ENTIRE PRIMED AND SANDED AREA WITH A RUBBER TIRE TRAFFIC ROLLER. PRIOR TO PUTTING DOWN THE ASPHALT, SWEEP THE ENTIRE AREA OF EXCESS SAND TO PREPARE FOR PAVING.

## PAVING AND DRAINAGE

1. THE CONTRACTOR SHALL CONSTRUCT PAVEMENT IN ACCORDANCE WITH TYPICAL PAVEMENT SECTIONS AND LOCAL AGENCY SPECIFICATIONS. THE FINISHED PAVEMENT GRADES SHALL CONFORM TO THOSE SPECIFIED ON THE GRADING PLAN.
2. FLORIDA LAW (F.A.C. 553.851) PROTECTION OF UNDERGROUND PIPELINES MANDATES THAT "NO EXCAVATOR SHALL COMMENCE OR PERFORM ANY EXCAVATION IN ANY PUBLIC STREET, ALLEY, OR OTHER PLACE DEDICATED TO THE PUBLIC USE, OR ON ANY OTHER PROPERTY WHERE FIRST DETERMINED BY THE EXCAVATOR THE POSSIBLE LOCATION OF GAS PIPELINES IN THE AREA OF THE PROPOSED EXCAVATION." THIS INCLUDES ANY OPERATION UTILIZING HAND TOOLS OR POWER TOOLS WHICH MOVES OR REMOVES ANY STRUCTURE, EARTH, ROCK, OR OTHER MASS OF MATERIAL BY SUCH METHODS AS DIGGING, BACKFILLING, DEMOLITION, GRADING, DITCHING, DRILLING, BORING AND CABLE PLAVING. THE EXCAVATOR MUST NOTIFY THE GAS UTILITY A MINIMUM OF 48 HOURS AND A MAXIMUM OF 5 DAYS PRIOR TO EXCAVATING (EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS).
3. EXCAVATION, PAVING, AND STORM SEWER WORK SHALL BE DONE IN ACCORDANCE WITH FDOT "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, AND LOCAL AGENCY SPECIFICATIONS.
4. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATIONS AT PROPERTY LINES. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE OF THE SITE TO THE RETENTION PONDS AS SHOWN BY PROPOSED GRADES AND FLOW ARROWS.
5. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND PROPER SOIL EROSION CONTROL MEASURES FOR PROTECTION OF ALL DRAINAGE AND SEWER STRUCTURES AND AT ALL ADJACENT LANDS AND ROADS.
6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL GEOTECHNICAL REPORTS PREPARED FOR THE SITE. GEOTECHNICAL RECOMMENDATIONS ARE NOT THE RESPONSIBILITY OF ENGINEER. ENGINEER SHALL NOT BE RESPONSIBLE FOR THE GEOTECHNICAL REPORTS IN PREPARATION OF THE DRAWINGS. ANY CONFLICT BETWEEN INFORMATION WITHIN THE REPORT AND THESE DRAWINGS SHALL BE REPORTED TO ENGINEER/OWNER'S REPRESENTATIVE. ENGINEER ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, COMPLETENESS, OR ACCURACY OF GEOTECHNICAL INFORMATION.
7. THE SITE SHALL BE CLEARED OF ALL TREES EXCEPT THOSE WHICH ARE DESIGNATED TO BE SAVED OR RELOCATED. BEFORE CONSTRUCTION, THE CONTRACTOR SHALL MEET AT THE SITE WITH THE OWNER, AT THIS TIME, ANY TREES WHICH ARE TO BE SAVED SHALL BE POINTED OUT AND TAGGED. THESE TREES SHALL BE PROTECTED FROM DAMAGE.
8. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE SUPERVISING ENGINEER IF A PAVEMENT OR FOUNDATION STAKE IS DISTURBED.
9. THE CONTRACTOR SHALL INSTALL DROP CURBS AND HANDICAP RAMPS AT ALL INTERSECTIONS OF THE SIDEWALK WITH THE PROPOSED PAVEMENT, UNLESS OTHERWISE SPECIFIED.
10. FOR HORIZONTAL AND VERTICAL CLEARANCES BETWEEN STORM PIPES AND WATER MAINS/SEWERS, SEE WATER NOTES ON THIS SHEET AND FDEP SEPARATION TABLE ON UTILITY PLANS.
11. ALL PUBLIC STORM PIPE MATERIALS SHALL BE REINFORCED CONCRETE PIPE (RCP) ASTM C-76 CLASS III, UNLESS OTHERWISE SPECIFIED. LIFTING HOLES ARE PROHIBITED.
12. ALL PRIVATE STORM PIPE MATERIALS SHALL BE AS FOLLOWS:
- 12.1. 12" INCHES THICKER THAN OR EQUAL TO 12-INCH SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) PIPE.
  - 12.2. DIAMETERS GREATER THAN OR EQUAL TO 15-INCH SHALL BE HIGH PERFORMANCE POLYPROPYLENE (HP) PIPE.
13. MINIMUM COVER OVER ALL PIPE SHALL BE 36-INCHES FROM TOP OF PIPE TO FINISHED EDITION.
14. ALL SANITARY SERVICE LOCATIONS SHALL BE MARKED BY CUTTING AN "S" INTO THE CURB.
15. MARK RESIDENTIAL LATERALS WITH 6-FOOT HIGH PIECE OF 2"x4" PLANK PAINTED GREEN WITH LOT NUMBER CLEARLY MARKED AND AN "S" IMPRESSED IN THE CURB.
16. AIR RELEASE VALVES SHALL BE REQUIRED AT ALL HIGH POINTS ALONG THE FORCE MAIN.
17. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT AN EVEN TRANSITION IS MAINTAINED WHERE ASPHALT PAVING ABUTS MANHOLE/VALVE COVERS IN PAVED AREAS. AT EACH OF THESE LOCATIONS, THE CONTRACTOR SHALL POUR AN 8-INCH THICK CONCRETE APRON AROUND THE MANHOLE/VALVE COVER A MINIMUM OF 4'x4' AT MANHOLES, AND 2x2' AT VALVE COVERS LEVEL WITH THE FINAL LIFT OF ASPHALT.
18. PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN MANHOLE CENTERLINE.
19. INVERTS OF SANITARY SERVICE LATERALS AT THEIR CONNECTION TO SANITARY MANHOLES SHALL BE NO MORE THAN ONE (1') FOOT ABOVE THE MANHOLE INVERT.
20. PRIOR TO PAVING, CONTRACTOR SHALL VERIFY THE AS-BUILT SANITARY SEWER PIPE SLOPES. MINIMUM SLOPES SHALL BE IN ACCORDANCE WITH THE GREATER OF FDEP OR THE UTILITY PROVIDER'S MINIMUM CRITERIA. ANY LINE NOT MEETING MINIMUM SLOPES SHALL BE RELAYED BY CONTRACTOR TO MEET THE MINIMUM SLOPE REQUIREMENT AT NO ADDITIONAL COST.
21. MANHOLE LIFT HOLES AND GRADE ADJUSTMENT RINGS SHALL BE SEALED WITH NON-SHRINKING MORTAR OR OTHER APPROPRIATE MATERIAL.
22. INLET AND OUTLET PIPES SHALL BE JOINED TO THE MANHOLE WITH A GASKETED FLEXIBLE WATER-TIGHT CONNECTION OR ANOTHER WATER-TIGHT CONNECTION ARRANGEMENT THAT ALLOWS DIFFERENTIAL SETTLEMENT OF THE PIPE AND MANHOLE.
23. WATER-TIGHT MANHOLE COVERS SHALL BE USED WHEREVER THE MANHOLE TOPS MAY BE FLOODED BY STREET RUNOFF OF HIGH WATER.
24. ASSUMING ACCEPTABLE CURING, THE WEARING SURFACE SHALL BE APPLIED NO SOONER THAN SEVEN (7) DAYS AND NO LATER THAN THIRTY (30) DAYS AFTER BASE COMPLETION.
25. ALL CONCRETE PIPE JOINTS SHALL BE WRAPPED IN FILTER FABRIC.
26. ROADWAY MARKING, STRIPPING, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD), INCLUDING SUBSEQUENT REVISIONS AND ADDENDA, AS PUBLISHED BY THE US FEDERAL HIGHWAY ADMINISTRATION AS WELL AS FDOT AND LOCAL AGENCY STANDARDS AND SPECIFICATIONS.
27. REGULATORY SIGNS AND MARKINGS SHALL BE IN PLACE PRIOR TO FINAL INSPECTION OF PAVING AND DRAINAGE IMPROVEMENTS.
28. PAVEMENT RETURN RADIU SHALL BE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
29. PONIC SLOPES AND BERMS SHALL BE SODDED TO TWO (2) FEET BELOW THE NORMAL WATER LINE (N.W.L.). IN THE CASE OF DRY BOTTOM PONDS, THE BOTTOM WILL BE SEADED AND MULCHED UNLESS OTHERWISE SPECIFIED.
30. ALL PRECAST DRAINAGE STRUCTURES TO HAVE STEEL FRAME. ALL STRUCTURES IN PAVED AREAS TO HAVE STEEL RECTILINEAR GRATES WITH H-20 LOADING.
31. CONTRACTOR SHALL NOT COMPACT, STABILIZE, OR CONSTRUCT BASE COURSE WITHIN LANDSCAPE ISLANDS, TRACTS OR MEADOWS, WHERE SUCH TREATMENT DOES OCCUR, IT SHALL BE REMOVED AND REPLACED WITH SUITABLE PLANTING SOILS ACCEPTABLE TO LANDSCAPE ARCHITECT.
32. YARD DRAINS SHALL BE NYOPLAST INLINE DRAINS AND DRAIN BASINS, OR APPROVED EQUAL, WITH CAST IRON GRATES AND WATERTIGHT ADAPTER CONNECTIONS. DOME GRATES SHALL BE PROVIDED IN NON-SODDED AREAS.
33. ALL FIRE HYDRANT LOCATIONS SHALL BE MARKED BY PLACING BLUE REFLECTIVE PAVEMENT MARKERS IN THE CENTER OF THE NEAREST TRAVEL LANE.
34. MINIMUM LONGITUDINAL SLOPE OF CURB SHALL BE 0.30% UNLESS SPECIFIED OTHERWISE.
35. FINISHED FLOOR ELEVATION IS TYPICALLY 8" INCHES ABOVE DESIGN FINISHED GRADE AT OUTSIDE PERIMETER OF BUILDINGS EXCEPT AT ENTRIES AND WHERE OTHERWISE SHOWN.
36. CONTRACTOR SHALL REMOVE ALL MUCK DEPOSITS IN CONSTRUCTION AREAS AND AREAS TO BE FILLED. SEE GEOTECHNICAL REPORT.
37. DRAINAGE MANHOLES AND INLETS (NOT INCLUDING CONTROL STRUCTURES) IN THE PLANS ARE IDENTIFIED BY TOP TYPE ONLY. CONTRACTOR SHALL PROVIDE STANDARD DITCH BOTTOM INLET TOPS AND TYPE 'J' OR 'P' STRUCTURE BOTTOMS, SIZED AS REQUIRED TO ACCOMMODATE PIPE SIZES AND ORIENTATIONS SHOWN. SHOP DRAWINGS SHALL BE SUBMITTED WHICH CLEARLY REPRESENT SUCH DATA.
38. CONTRACTOR SHALL STABILIZE AND PROTECT ALL END WALL, MITERED END SECTION, FLARED END SECTION, ETC. STRUCTURES THROUGHOUT THE PROJECT UNTIL THE BANK SLOPES OF THE RECEIVING WATER BODY ARE STABILIZED AND ACCEPTED BY OWNER.
39. ALL PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC. THE FILTER FABRIC SHALL BE IN ACCORDANCE WITH FDOT INDEX 199, TYPE D-3, A.O.S. 70-100. INSTALL PER FOOT INDEX 280. PROVIDE A MINIMUM 12" OVERLAP.
40. CLEAN THE SURFACE TO BE PRIMED AND ENSURE THAT THE MOISTURE OF THE BASE DOES NOT EXCEED 20% OF THE OPTIMUM MOISTURE. ENSURE THAT THE TEMPERATURE OF THE PRIME COAT IS 150 DEGREES. APPLY THE PRIME COAT WITH A PRESSURE DISTRIBUTOR. THE PROPER APPLICATION SPREAD RATE WILL BE AT 1% WHICH IS SUFFICIENT TO COAT THE BASE MATERIAL UNIFORMLY WITH NO EXCESS. ALSO, SECTION 311-5.2: APTLY SAND UNIFORMLY AND FREE OF DUST AND DIRT. PRIME THE ENTIRE PRIMED AND SANDED AREA WITH A RUBBER TIRE TRAFFIC ROLLER. PRIOR TO PUTTING DOWN THE ASPHALT, SWEEP THE ENTIRE AREA OF EXCESS SAND TO PREPARE FOR PAVING.

## SANITARY SEWER

1. ROOF DRAINS, FOUNDATION DRAINS OR OTHER STORM WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
2. GRAVITY SEWER PIPE SHALL BE SDR35 PVC AND SHALL MEET ASTM D3034, UNLESS OTHERWISE SPECIFIED.
3. ALL SANITARY SERVICE LATERALS SHALL BE 6-INCH DIAMETER PVC AND SHALL END WITH A CLEAN OUT.
4. ALL SANITARY SEWER PIPE SHALL BE COLORED GREEN.
5. ALL SANITARY SEWER MANHOLES SHALL HAVE A MINIMUM DIAMETER OF 48-INCHES AND A MINIMUM ACCESS DIAMETER OF 24-INCHES.
6. MINIMUM COVER OVER ALL PIPE SHALL BE 36-INCHES FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
7. FOR HORIZONTAL AND VERTICAL CLEARANCES BETWEEN SANITARY SEWER MAINS/ LATERALS AND WATER MAINS/SEWERS, SEE WATER NOTES ON THIS SHEET AND FDEP SEPARATION TABLE ON UTILITY PLANS.
8. WHERE SOIL REPORT INDICATES THE POSSIBILITY OF UNSUITABLE MATERIAL IN THE VICINITY OF SANITARY LINES, THE CONTRACTOR SHALL DETERMINE THE NATURE AND EXTENT OF THIS UNSUITABLE MATERIAL, PREPARE TRENCH, AND INSTALL THE SEWER LINE IN ACCORDANCE WITH ASTM D-2321. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF THIS UNSUITABLE MATERIAL.
9. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM INFILTRATION OR EXFILTRATION TEST, WHICHEVER IS APPLICABLE. INFILTRATION SHALL NOT EXCEED 50 GALLONS PER DAY INCH OF DIAMETER PER MILE OF LENGTH, OR THE COMPUTED EQUIVALENT FOR EXFILTRATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL REQUIREMENTS, CODES, AND ORDINANCES OF THE WASTEWATER TRANSMISSION AUTHORITY INCLUDING ADVANCED INFORMATION PRIOR TO CONSTRUCTION AND TESTING.
10. MADDEN, MOORHEAD & STOKES, INC. SHALL BE NOTIFIED A MINIMUM OF FIVE (5) FULL WORKING DAYS PRIOR TO CONSTRUCTION AND TESTING OF THE SANITARY SEWER, PHONE (407)-629-8330.
11. THE CONTRACTOR SHALL SUPPLY COMPLETE "AS-BUILT" INFORMATION RELATIVE TO INVERTS, RIM ELEVATIONS, LOCATION OF MANHOLES AND LENGTHS OF PIPE. LATERALS SHALL BE LOCATED FROM THE CENTERLINE OF THE NEAREST DOWNSTREAM MANHOLE. THE INFORMATION SHALL BE SUBMITTED ON LEGIBLY MARKED-UP PRINTS TO THE ENGINEER WITHIN TWO (2) WEEKS OF COMPLETION OF SEWER CONSTRUCTION.
12. CONTRACTOR SHALL RECEIVE SEWER CERTIFICATION PRIOR TO PLACEMENT OF BASE COURSE.
13. MINIMUM SLOPE ON ALL SANITARY SEWER MAINS SHALL BE IN ACCORDANCE WITH UTILITY PROVIDER'S STANDARDS AND CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
14. ALL SANITARY SERVICE LOCATIONS SHALL BE MARKED BY CUTTING AN "S" INTO THE CURB.
15. NEW OR RELOCATED UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER, OR STORM SEWER, AND RECLAMED WATER PIPELINES SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
16. NEW OR RELOCATED UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER, OR STORM SEWER, AND RECLAMED WATER PIPELINES SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
17. GATE VALVES SHALL BE RESILIENT SEAT AND SHALL CONFORM TO ANSI/AWWA C509 (LATEST EDITION) WITH 2-INCH NUT, EXTENSION STEM AND OTHER APPURTENANCES AS REQUIRED. MANUFACTURER'S CERTIFICATION OF THE VALVE'S COMPLIANCE WITH AWWA C509 (LATEST EDITION) AND TESTS LISTED THEREIN WILL BE REQUIRED. VALVES SHALL BE CLOW, MUELLER, KENNEDY, M&H, AMERICAN DARLING, OR APPROVED EQUAL.
18. PIPE BOX PAD SHALL BE 18"x18"x4" THICK CONCRETE WITH FOUR (4) REINFORCING BARS. PAD IS TO BE SET AT FINISH GRADE.
19. UNDERGROUND VALVE IDENTIFICATION (UV) MARKERS SHALL BE PROVIDED AT EACH VALVE LOCATION. MARKERS SHALL BE 3-INCH DIAMETER AND 1/8-INCH THICK SOLID HARD BRASS WITH A 1/4-INCH ROD ANCHOR WITH "TAMPER-PROOF" HOOK END. SURFACE MARKERS SHALL BE PROVIDED WITH A 3/4" DIAMETER AND 1/8-INCH THICK SOLID HARD BRASS WITH A 1/4-INCH ROD ANCHOR WITH "TAMPER-PROOF" HOOK END. APPROPRIATE MARKER TEXT, REFER TO UNDERGROUND VALVE MARKER DETAIL, SURFACE GROUND SMOOTH AND EPOXY COATED TO PREVENT TARNISHING. MARKERS ARE TO BE WACCO MARKERS APPROVED EQUAL.
20. HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY SEWER, OR STORM SEWER, AND RECLAMED WATER PIPELINES, SHALL BE PROVIDED AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER.
21. NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER.
22. NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER.
23. NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.
24. AIR RELEASE VALVES SHALL BE PLACED AT HIGH POINTS OF THE TRANSMISSION MAIN TO PERMIT ESCAPE OF TRAPPED AIR. THE LOCATION, TYPE, AND METHOD OF INSTALLATION SHALL BE INDICATED ON THE DRAWINGS, OR AS DIRECTED BY THE ENGINEER. AIR RELEASE VALVES SHALL BE PLACED AT VALMATIC OR APPROVED EQUAL.
25. VALVE BOXES ON BURIED RECLAMED WATER SHALL BE ADJUSTABLE, CAST IRON CONSTRUCTION, WITH A MINIMUM INTERNAL DIAMETER OF 2-INCH WITH COVERS CAST WITH THE INSCRIPTION IN LEGIBLE LETTERING ON THE TOP. RECLAMED WATER BOXES SHALL BE SUITABLE FOR THE APPLICABLE SURFACE LOADING AND VALVE SIZE, AND SHALL BE MANUFACTURED BY MUELLER COMPANY, MODEL 10364, OR APPROVED EQUAL.
26. AT THE UTILITY CROSSINGS DESCRIBED IN NOTES 9 AND 9' ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, AND RECLAMED WATER MAINS, OR PIPELINES CONVEYING RECLAMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, STORM SEWERS, AND RECLAMED WATER MAINS, OR PIPELINES CONVEYING RECLAMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
27. WATER LINES 2-INCHES, OR LESS, IN DIAMETER SHALL BE POLYETHYLENE TUBING.
28. WATER LINES 4-INCH TO 12-INCH DIAMETER SHALL BE NSF LOGO PVC PIPE CONFORMING TO AWWA C-900 AND DR-18.
29. ALL FITTINGS SHALL BE DUCTILE IRON (D.I.) OR GRAY IRON MECHANICAL JOINTS WITH A MINIMUM PRESSURE RATING OF 250 P.S.I. CONFORMING TO ANSI A-210-1 / AWWA C-110, OR D.I. COMPACT FITTINGS FOR DIAMETERS 4-INCH TO 12-INCH CONFORMING TO ANSI A-21.53 / AWWA C-153.
30. FROM THE POINT OF SERVICE (P.O.S.) FORWARD AS DESIGNATED BY F.S. 633, FIRE SERVICE PIPE SHALL BE DR-14 AND TESTED AT 200 PSI FOR TWO HOURS.
31. GATE VALVES SHALL CONFORM TO AWWA C-509-87, WITH NUT NUT EXTENSION STEMS AND OTHER APPURTENANCES AS REQUIRED AND SHALL BE IRON BODY, FULL BURNDIE MOUNTED, DOUBLE DISC, PARALLEL SEAT, NON-RISING STEM VALVES WITH O-RING SEALS AND END CONNECTIONS AS CALLED FOR ON THE PLANS. ALL TEES, CAPS, PLUGS, BENDS, VALVES, ETC. SHALL BE PROVIDED WITH GRIP RING RESTRAINTS.
32. ALL NON-METAL WATER MAINS SHALL BE INSTALLED WITH A CONTINUOUS INSULATED TO GAUGE COPPER WIRE INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. IN ADDITION, ALL PVC WATER MAINS SHALL BE A SOLID BLUE COLOR. ALL LETTERING SHALL APPEAR LEGIBLY ON PIPE AND SHALL RUN THE ENTIRE LENGTH OF THE PIPE. LETTERING SHALL READ AS ACCEPTABLE FOR THE INTENDED USE.
33. SERVICE MAINS FOR FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24, LATEST EDITION.
34. NEW FIRE HYDRANT SHALL BE INSTALLED SO THAT 5-1/4" INCH PORT IS FACING THE ROADWAY BY WHICH IT IS ACCESSED. HYDRANTS SHALL BE POSITIONED NOT MORE THAN 5 FEET AWAY FROM



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

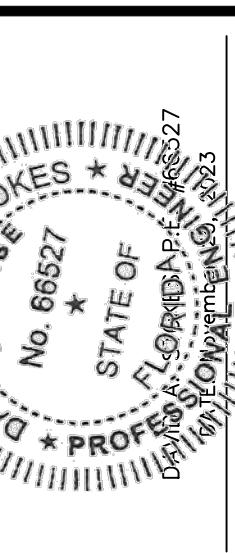
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

**OVERALL SITE PLAN** FOR  
**WINDWARD PRESERVE AMENITY**

FLORIDA

BREVARD COUNTY

TAYLOR MORRISON  
2800 LAKE LUCIN DR, SUITE 350  
MAILAND, FL 32751  
(407) 629-0077

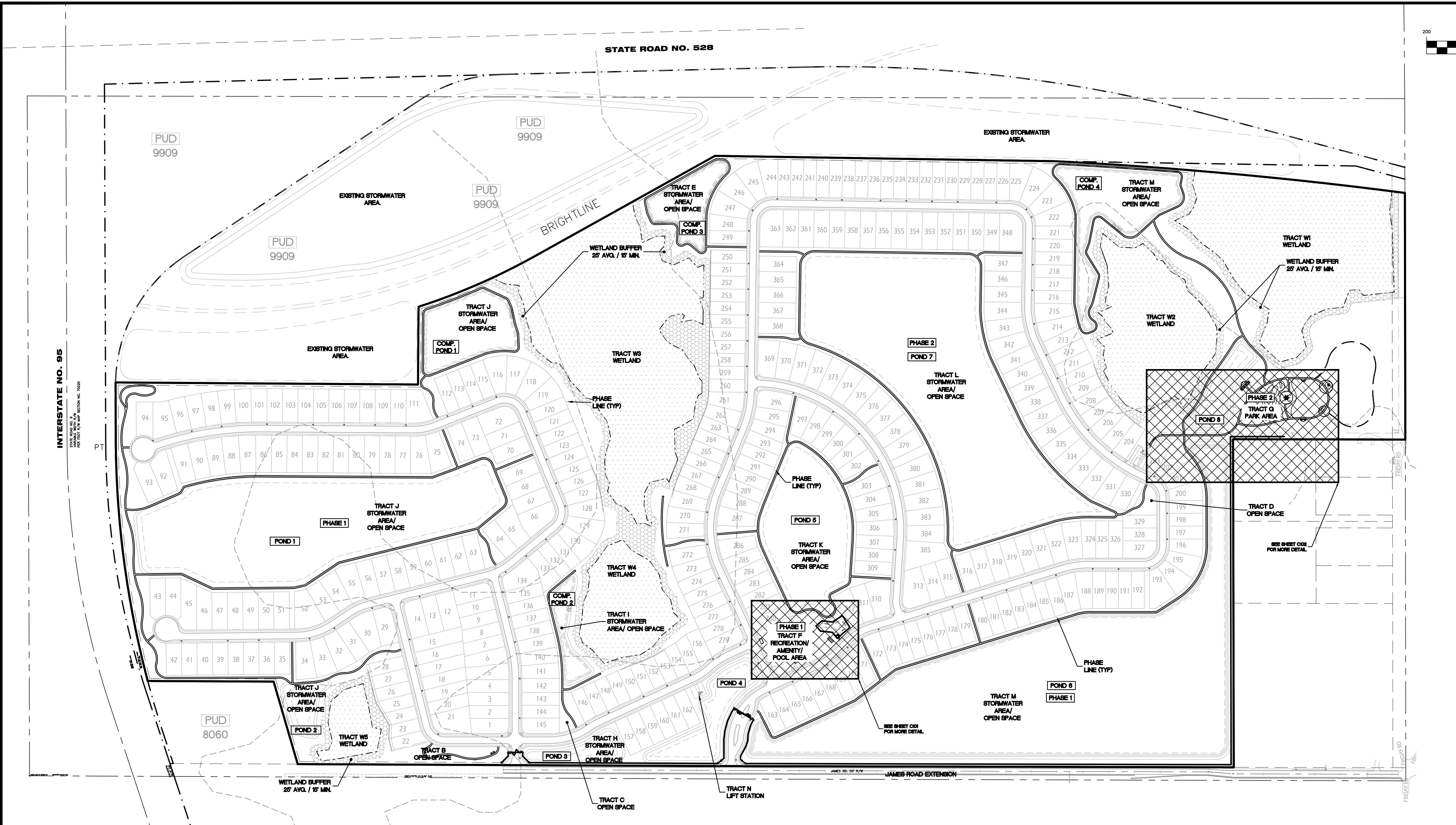


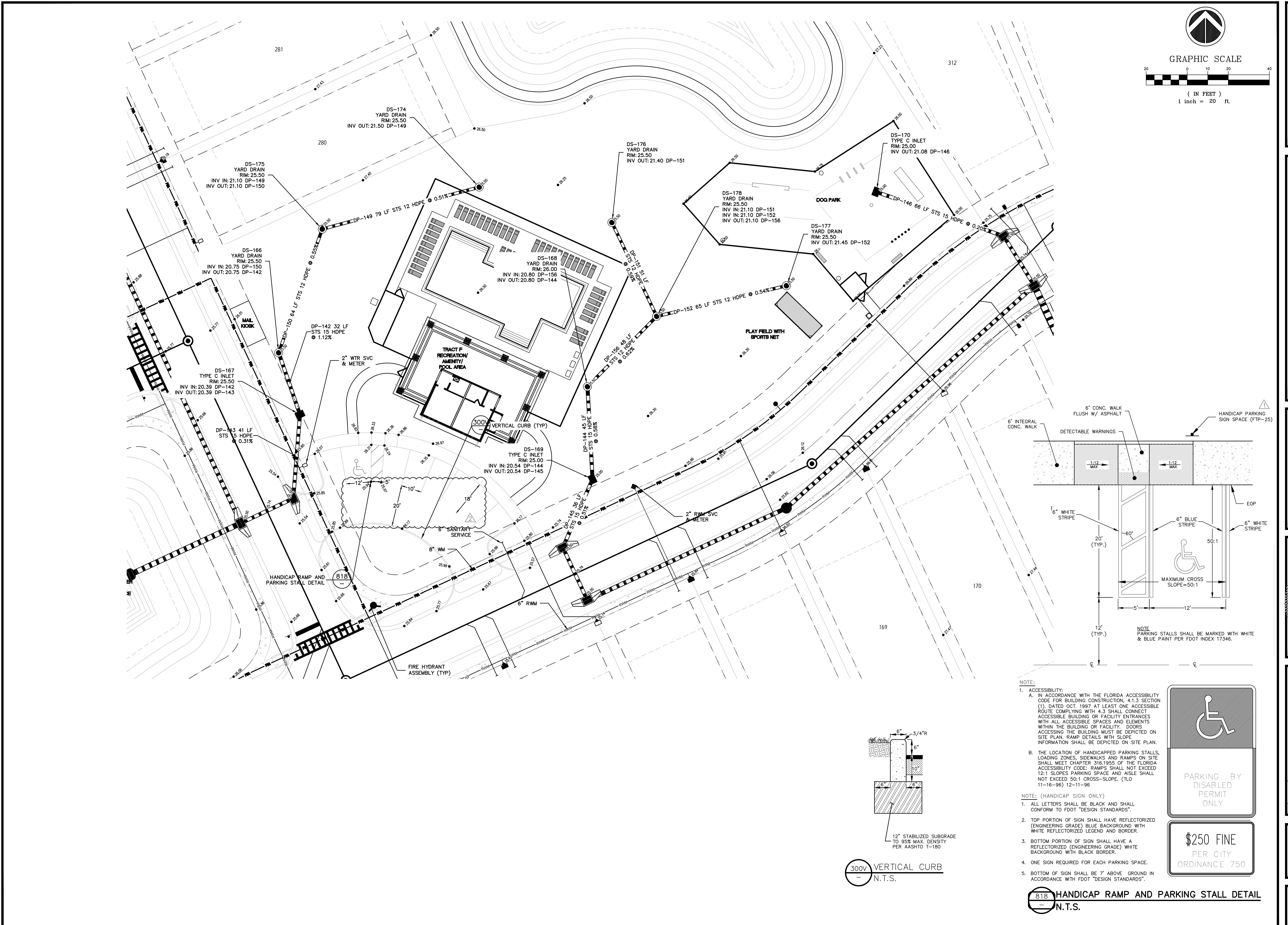
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DATE	REVISIONS									

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SCALE: 1" = 200'  
DESIGNED BY: RJS  
DRAWN BY: RJS  
APPROVED BY: DAS

C100





# MADDEN

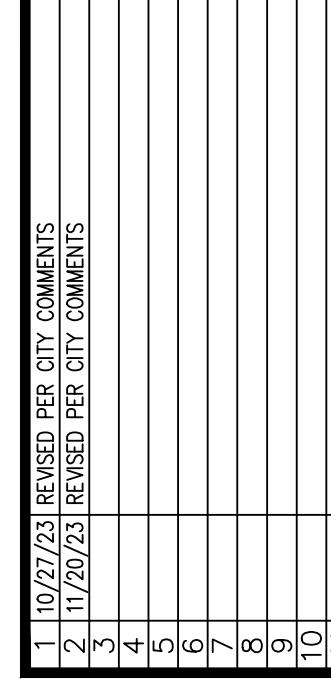
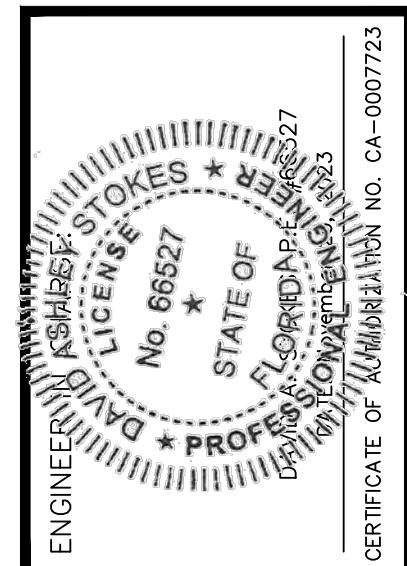
MOORHEAD & STOKES, LLC

## CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

# WINDWARD PRESERVE AMENITY SITE PLAN FOR

**TAYLOR MORRISON**  
100 LAKE LUCIEN DR SUITE 35  
MAITLAND, FL 32751  
407-629-0077

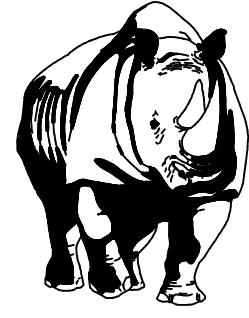
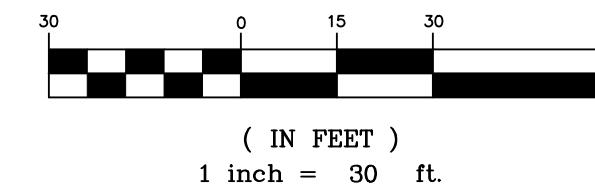


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SCALE:	1" = 20'
DESIGNED BY:	RJS
DRAWN BY:	RJS
APPROVED BY:	DAS

C101



GRAPHIC SCALE



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

**SITE PLAN** FOR  
**WINDWARD PRESERVE AMENITY**  
BREVARD COUNTY, FLORIDA

TAYLOR MORRISON  
2800 LAKE LUCILLE DR, SUITE 350  
MAILAND, FL 32751  
407-629-0977



10/27/23 REVISED PER CITY COMMANDS  
11/29/23 REVISED PER CITY COMMANDS  
11/29/23 DATE  
11/29/23 REVISIONS  
Site Plan Set Z1074-COI

JOB # 21074  
DATE 9/26/22  
SCALE 1" = 30'  
DESIGNED BY RJS  
DRAWN BY RJS  
APPROVED BY DAS

C102

