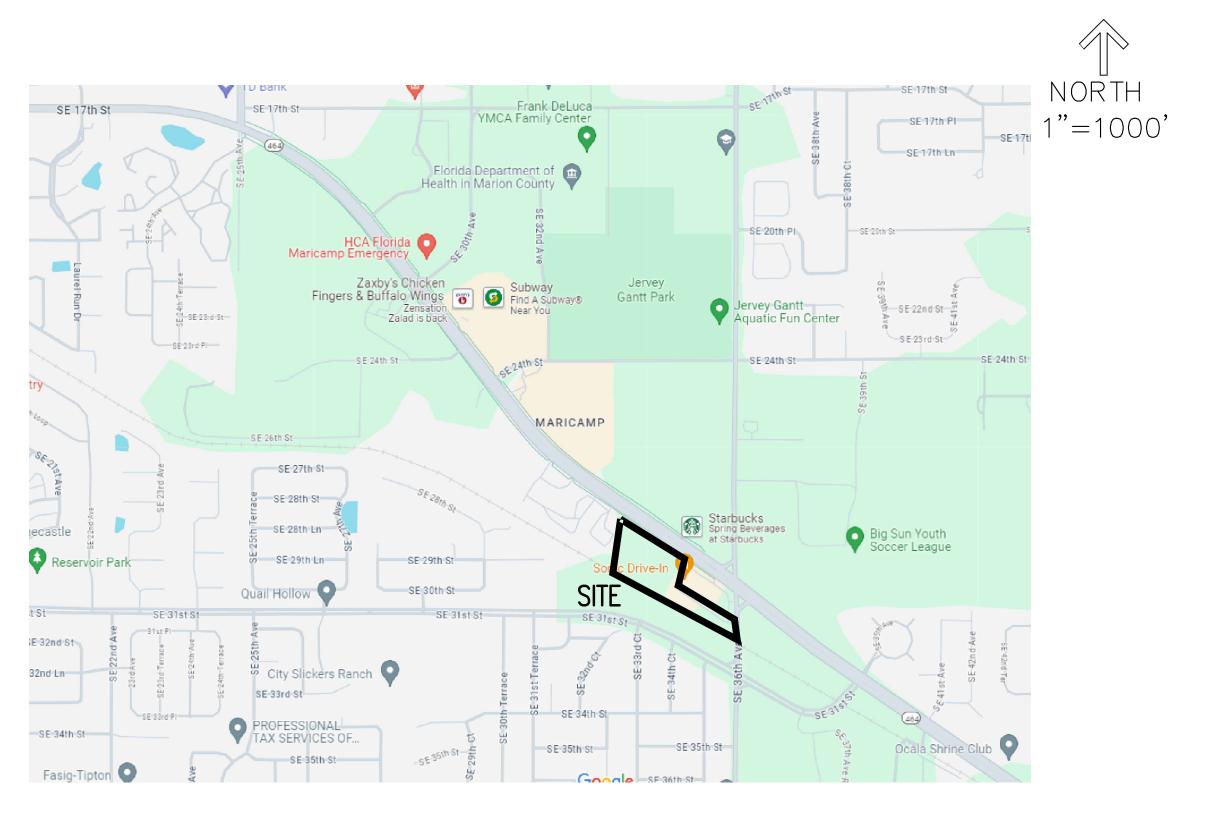
## CONCEPTUAL PLAN OF:

# MARICAMP MARKETPLACE

SECTION 27, TOWNSHIP 15S, RANGE 22E



### VICINITY MAP

PARCEL ID: 29850-000-57 & 29850-004-02

#### LEGAL DESCRIPTION

#### PARCEL 1:

A PORTION OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 22 EAST, CITY OF OCALA, MARION COUNTY, FLORIDA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NORTHERLY MOST CORNER OF LOT 1, JOINER'S MARICAMP CORNER, AS PER PLAT THEREOF RECORDED IN PLAT BOOK "7", PAGE 141, PUBLIC RECORDS OF MARION COUNTY, FLORIDA; THENCE RUN S. 34° 44' 10" W., ALONG THE WESTERLY BOUNDARY LINE OF SAID LOT 1, 69.00 FEET TO THE SOUTHEASTERLY CORNER OF TRACT "A" OF SAID JOINER'S MARICAMP CORNER SUBDIVISION AND THE POINT OF BEGINNING; THENCE RUN S. 34° 44' 08" W., ALONG THE WESTERLY BOUNDARY LINE OF SAID LOT 1 AND THE WESTERLY BOUNDARY LINE OF TRACT "B" OF SAID JOINER'S MARICAMP CORNER SUBDIVISION, 350.23 FEET TO THE NORTHERLY RIGHT OF WAY LINE OF SEABOARD COASTLINE RAILROAD TRACKS (120 FOOT RIGHT OF WAY); THENCE RUN N. 59° 51' 37" W., ALONG SAID NORTHERLY RIGHT OF WAY LINE, 624.34 FEET; THENCE RUN N. 00° 06' 43" E., 570.25 FEET TO A POINT ON THE SOUTHWESTERLY RIGHT OF WAY LINE OF STATE ROAD NO.464 (200 FOOT RIGHT OF WAY); THENCE RUN S. 55° 15' 50" E., ALONG SAID SOUTHWESTERLY RIGHT OF WAY, 583.30 FEET TO THE NORTHERLY MOST CORNER OF SAID TRACT "A"; THENCE RUN S. 55° 15' 50" E., 363.04 FEET TO THE POINT OF BEGINNING.

### LESS AND EXCEPT:

A PORTION OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 22 EAST, CITY OF OCALA, MARION COUNTY, FLORIDA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NORTHERLY MOST CORNER OF LOT 1, JOINER'S MARICAMP CORNER, AS PER PLAT THEREOF, RECORDED IN PLAT BOOK "7", PAGE 141, PUBLIC RECORDS OF MARION COUNTY, FLORIDA; THENCE RUN S. 34° 44' 10" W., ALONG THE WESTERLY BOUNDARY LINE OF SAID LOT 1, 69.00 FEET TO THE SOUTHEASTERLY CORNER OF TRACT "A" OF SAID JOINER'S MARICAMP CORNER SUBDIVISION AND THE POINT OF BEGINNING; THENCE RUN S. 34° 44' 08" W., ALONG THE WESTERLY BOUNDARY LINE OF SAID LOT 1, 202.31 FEET; THENCE RUN N. 61° 07' 41' W., 141.16 FEET; THENCE RUN N. 34° 44' 08" E., 216.74 FEET TO A POINT ON THE SOUTHWESTERLY BOUNDARY LINE OF SAID TRACT "A"; THENCE RUN S. 55°15' 50" E., 140.42 FEET TO THE POINT OF BEGINNING.

### PARCEL 2:

UTILITY COMPANIES

WATER DISTRIBUTION: CITY OF OCALA

SANITARY SEWER:

ELECTRICAL POWER:

TELEPHONE:

FIRE/POLICE:

GARBAGE:

CITY OF OCALA

(352) 629-2489

(352) 629-2489

OCALA ELECTRICAL

(352) 629-2489

(407) 413-8806

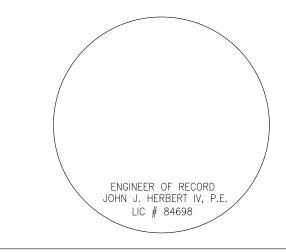
CENTURY LINK

CITY OF OCALA

CITY OF OCALA (352) 351-6697

(352) 401-6916

TRACT "B", JOINER'S MARICAMP CORNER, ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK 7, PAGE 141, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA.



### PROJECT DIRECTORY

OWNER: J&G CEDAR SHORES 6 LLC 3535 W SOUTHERN ST

LECANTO, FLORIDA 34461

DEVELOPER: MARICAMP MARKETPLACE HOLDINGS, LLC 603 EAST FORT KING STREET

OCALA FLORIDA 34471

ENGINEER: AMERICAN CIVIL ENGINEERING CO. 207 N. MOSS ROAD, SUITE 211

WINTER SPRINGS, FLORIDA 32708

JOHNNY HERBERT IV, P.E., JOHNNY@AMERICANCIVILENGINEERING.COM

CELL 407-376-1777 , OFFICE 407-327-7700,

SURVEYOR: CFB SURVE

406 E SILVER SPRINGS BLVD, SUITE 200 OCALA, FLORIDA 34470

(352) 913-2360 OFFICE

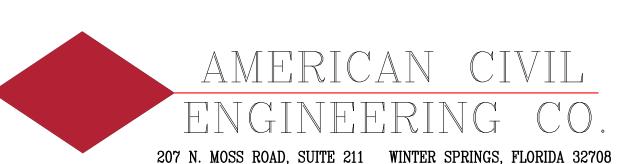
(352) 694-7711 OFFICE

OTECHNICAL GEO-TECH, INC
GINEERING: 1016 S.E. 3RD AVE
OCALA, FLORIDA 34471

7/2/24 CONCEPTUAL PLAN REVIEW INDEX OF SHEETS DESCRIPTION **COVER SHEET** GENERAL NOTES C003.0 (UNUSED) SITE PLAN C004.0 C005.0 UTILITY SITE PLAN **GRADING PLAN** DETAIL SHEET I C007.0 SURVEY BOUNDARY & TOPO

PLANS ISSUED FOR:

DATE



(407) 327-7700

PLAN DATE: 7/2/2024

CERT. OF AUTHORIZATION NO. 8729

C001.0

- 1. THE FOLLOWING GENERAL NOTES APPLY TO ALL CONSTRUCTION AS DEPICTED ON THE SITE CONSTRUCTION PLANS.
- 2. ALL PROPOSED SITE CONSTRUCTION SHALL BE PURSUANT TO INFORMATION SHOWN ON THESE PLANS AS APPROVED BY THE GOVERNING AUTHORITIES.
- 3. ALL CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE STATE, FEDERAL AND LOCAL CODES ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT THEIR EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF OF THE CONTRACTOR TO INSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND IN HAND AT THE JOB SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL ABIDE BY ALL CONDITIONS CONTAINED THERE IN.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE PRIOR TO BIDDING AND ACCEPTING THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION OF ALL UNDERGROUND AND ABOVE GROUND STRUCTURES THAT WILL NOT BE INCORPORATED WITH THE NEW FACILITIES. SHOULD ANY DISCREPANCIES EXIST WITH THE PLANS THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PROEJCT ENGINEER AND REQUESTING A CLARIFICATION OF THE PLANS PRIOR TO DEMOLITION.
- 5. ANY PROPOSED FIELD CHANGES WHICH SUBSTANTIALLY DEVIATE FROM THIS PLAN SHALL BE APPROVED BY THE GOVERNING AUTHORITIES AND THE ENGINEER PRIOR TO THE CHANGE TO
- 6. ALL WORK AND MATERIALS FURNISHED SHALL BE IN REASONABLE CONFORMITY WITH THE LINES, GRADES, GRADING SECTIONS, CROSS SECTIONS, DIMENSIONS, MATERIAL REQUIREMENTS AND TESTING REQUIREMENTS THAT ARE SPECIFIED IN THE CONTRACT, PLANS OR SPECIFICATIONS.
- 7. ANY DISCREPANCY BETWEEN THE CONSTRUCTION INFORMATION SHOWN ON THE PLANS AND THE ACTUAL FIELD CONDITIONS SHALL IMMEDIATELY BE BROUGHT TO THE ENGINEER'S ATTENTION. FAILURE TO DO SO AND TO CONTINUE CONSTRUCTION WITHOUT WRITTEN NOTIFICATION SHALL MAKE THE CONTRACTOR COMPLETELY LIABLE FOR WHATEVER ACTIONS AND/OR ERRORS THAT MAY SUBSEQUENTLY ARISE
- 8. ALL IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH INFORMATION SHOWN ON THESE PLANS. ANY CONFLICTS WHICH RESULT IN CHANGES TO THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING PRIOR FOR REVIEW AND APPROVAL PRIOR TO FIELD CHANGES. MINOR ADJUSTMENTS CAUSED BY VARYING FIELD CONDITIONS, INCLUDING CHANGES AND DEPTHS OF BERMS AND SWALES MAY BE MADE WITH THE APPROVAL OF THE ENGINEER IF THE BASIC DESIGN INTENT IS MET.
- 9. THE INTENT AND/OR INTERPRETATION OF THESE CONSTRUCTION PLANS IF REQUIRED, SHALL BE MADE BY THE ENGINEER OF RECORD. ANY NEED BY THE CONTRACTOR FOR FOR INTERPRETATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER UPON DISCOVERY. NO A.D.A. TRAVEL ROUTES SHALL EXCEED A 5% SLOPE. NO A.D.A. PARKING SPACE SHALL EXCEED A 2% SLOPE IN ANY DIRECTION. DRIVEWAYS CONNECTING TO EXISTING ROADS/STREETS TO PROPOSED SITE PAVING AREAS SHALL NOT EXCEED AN 8% SLOPE. VERTICAL CURVES SHALL HAVE A LENGTH OF 20 FT. MIN. AT CREST AND SAG LOCATIONS.
- 10. ALL HORIZONTAL LAYOUT FOR SITE CONSTRUCTION SHALL BE BASED ON THE APPROVED PLAN AND/OR PLAT, AND PERFORMED BY QUALIFIED PERSONNEL.
- 11. ALL ELEVATIONS REFER TO THE DATUM AS INDICATED ON THE SURVEY (BY OTHERS).
- 12. THE CONTRACTOR SHALL TAKE CARE DURING THE CONSTRUCTION TO AVOID DISTURBING ANY EXISTING SURVEY MONUMENTS. ANY MONUMENT DISTURBED BY THE CONTRACTOR SHALL BE RESET AT THE CONTRACTOR'S EXPENSE BY THE PROJECT SURVEYOR.
- 13. THE CONTRACTOR SHALL HIRE A PROFESSIONAL TESTING LABORATORY AS NECESSARY TO PERFORM ALL TESTS REQUIRED BY THIS CONSTRUCTION.
- 14. THE CONTRACTOR SHALL NOTIFY AMERICAN CIVIL ENGINEERING COMPANY 24 HOURS IN ADVANCE PRIOR TO ANY TESTING AND SUPPLY THE ENGINEER WITH REQUIRED TEST RESULTS.
- 15. THE DESIGN AND ENGINEERING OF THIS PROJECT IS BASED ON INFORMATION SUPPLIED BY OTHERS. EASEMENTS OR OTHER ENCUMBRANCES, WHICH MAY EXIST AND NOT SHOW ON THE SURVEY ARE NOT THE RESPONSIBILITY OF THE ENGINEER.
- 16. EXISTING SOILS CONDITIONS WHICH DIFFER FROM THE SOILS REPORT SHALL BE BROUGHT TO THE
- ATTENTION OF THE ENGINEER AT TIME OF DISCOVERY. 17. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS
- CONTROLLING POLLUTION OF THE ENVIRONMENT AND EROSION/SEDIMENT CONTROL. 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFER AND RETENTION AND DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE OWNER. ALL
- 19. ANY FUEL STORAGE AREAS SHALL HAVE PRIOR OWNERS APPROVAL AND APPROPRIATE MEASURES SHALL BE TAKEN TO INSURE PROTECTION OF GROUNDWATER AND SOIL RESOURCES.

DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION

- 20. SITE WORK PERFORMED ON THIS PROEJCT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHEN AND WHERE NECESSARY WITH OTHER CONTRACTORS AND UTILITY COMPANIES.
- 21. THE INFORMATION ON THESE CONSTRUCTION PLANS ARE SUBJECT TO APPROVAL BY THE CITY, COUNTY, STATE AND FEDERAL AGENCIES. ALL WORK SHALL BE PURSUANT TO APPROVED PLANS AND ISSUED PERMITS.
- 22. ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATIONS.
- 23. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT GUARANTEED AND AND SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO RESPONSIBILITY FOR ACCURACY OF LOCATION OF EXISTING UTILITIES SHOWN OR NOT SHOWN SHOWN ON THESE PLANS. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE ALL NECESSARY
- ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. 24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COST WHICH MAY OCCUR DUE TO TO ANY DAMAGES CAUSED BY THE CONTRACTOR TO EXISTING UTILITY STRUCTURES OR PROPERTY THE CONTRACTOR SHALL COVER THE ENTIRE COSTS OF ALL REPAIRS AND/OR REPLACEMENT.
- 25. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS AFFECTED UTILITY COMPANIES IN ORDER TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION, BY CALLING "SUNSHINE" AT 1-800-432-4770 OR 811. THE CONTRACTOR IS IS RESPONSIBLE FOR CONTACTING ALL UTILITIES NOT INCLUDED IN THE "SUNSHINE" PROGRAM.
- 26. CHAPTER 77-153 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY ALL GAS UTILITIES A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATING, MAPS SHOW ONLY THE APPROXIMATE LOCATION OF GAS MAINS AND DO NOT SHOW SERVICE LINES. THE ONLY SAFE AND CORRECT WAY TO LOCATE EITHER MAINS OR SERVICE LINES IS BY AN ON-SITE INSPECTION BY THE THE RESPECTIVE GAS COMPANY PERSONNEL THEREFORE, EXCAVATORS ARE INSTRUCTED TO CONTACT THE RESPECTIVE GAS COMPANY TWO WORKING DAYS BEFORE ENTERING A CONSTRUCTION AREA.
- 27. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES OF THE PROPOSED START OF WORK IN ACCORDANCE WITH THEIR STANDARD REQUIREMENTS; INCLUDING BUT NOT LIMITED TO WATER, SEWER, ELECTRIC POWER, TELEPHONE, GAS AND CABLE TV COMPANIES. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND CONDUITS (INCLUDING IRRIGATION) PRIOR TO SUB-BASE CONSTRUCTION.
- 28. UPON NOTICE FROM THE CONTRACTOR THAT CONSTRUCTION IS COMPLETE AND READY FOR ACCEPTANCE, THE ENGINEER SHALL MAKE FINAL INSPECTION AND NOTIFY THE CONTRACTOR AND OWNER OF ANY INCOMPLETE AND/OR DEFECTIVE WORK. THE CONTRACTOR SHALL CORRECT ALL SUCH ITEMS TO THE SATISFACTION OF THE ENGINEER AND OWNER. ALL REGULATORY AND GOVERNMENTAL AGENCIES WHICH RFOUIRF. FINAL INSPECTIONS SHALL HAVE BEEN CONTACTED BY THE CONTRACTOR AND HAVE INSPECTED AND APPROVED THE PROJECT PRIOR TO ACCEPTANCE BY THE OWNER.
- 29. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS AND PERMITS AT THE CONSTRUCTION SITE. THE PLANS SHALL BE KEPT IN GOOD ORDER
- 30. THE CONTRACTOR SHALL PROVIDE COMPLETE "AS-BUILT" INFORMATION TO THE ENGINEER RELATIVE TO THE LOCATION OF ALL WATER LINES, WATER SERVICES, VALVES, SEWER LINES, SEWER SERVICES. STORM LINES, INVERTS OF STRUCTURES, FINAL RETENTION AREAS, FINISH PAVEMENT GRADES AND CONSTRUCTION BENCH MARKS FOR VERIFICATION. THE "AS-BUILT" RECORDS SHALL BE KEPT AT THE JOB SITE AND UPDATED AS THE PROJECT PROGRESSES. ONE (1) SET OF AS-BUILT PLANS ARE TO BE PROVIDED TO THE ENGINEER.
- 31. ENGINEER TO PROVIDE RECORD DRAWINGS AND CERTIFICATIONS TO THE ISSUED PERMITS.

HOURS BEFORE DIGGING CALL TOLL FREE SUNSHINE STATE ONE CALL

OF FLORIDA, INC.

#### SEC. B EARTHWORK:

- 1. EXISTING TOPOGRAPHY AND CONTOURS ARE BASED ON THE SURVEY (BY OTHERS). 2. A GEOTECHNICAL SOILS REPORT HAS BEEN PREPARED FOR THIS PROJECT. CONFLICT BETWEEN INFORMATION WITHIN THE REPORT AND THESE CONSTRUCTION PLANS SHALL BE REPORTED TO THE ENGINEER UPON DISCOVERY. THE
- CONTRACTOR SHALL REVIEW THE SOILS REPORT PRIOR TO BIDDING. 3. THE CONTRACTOR SHALL READ AND ADHERE TO ALL RECOMMENDATIONS CONTAINED N THE SOILS REPORT.
- 4. EXISTING TREES, PLANTS AND SHRUBS WHICH ARE MARKED OR DESIGNATED AS PART OF THE LANDSCAPING SHALL BE CAREFULLY PROTECTED DURING CONSTRUCTION. WHERE TREES, PLANTS OR SHRUBS ARE ADJACENT TO THE CONSTRUCTION CARE SHALL BE TAKEN TO PROTECT AND RESTORE THE ORIGINAL CONDITIONS OF THE VEGETATION.
- 5. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND PROPER SOIL EROSION CONTROL MEASURES, AS NECESSARY.
- 6. ALL SITE CLEARING AND GRUBBING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 110 OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 7. ALL EXCAVATION AND EMBANKMENT SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 120 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. LATEST EDITION.
- 8. ALL FILL AREAS GREATER THAN 12 INCHES IN HEIGHT SHALL BE COMPACTED IN 12 INCH LIFTS (MEASURE PRIOR TO COMPACTION) TO 98% MAXIMUM DENSITY PER A.A.S.H.T.O. T-180.
- 9. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED UNLESS OTHERWISE NOTED ON THESE PLANS. ALL GRASSING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 570 OF FLORIDA DEPARTMENT OF TRANSPIRATION SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. LATEST EDITION.
- 10. ALL DESIGNATED AREAS TO BE SODDED PER THE PLANS, SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 575 OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 11. THE CONTRACTOR SHALL NOT COMPACT, STABILIZE, OR CONSTRUCT BASE COURSE WITHIN LANDSCAPE ISLANDS OR MEDIANS.
- 12. FINISH FLOOR ELEVATIONS ARE TYPICALLY 6 INCHES ABOVE DESIGN FINISHED GRADE AT OUTSIDE PERIMETER OF BUILDINGS EXCEPT AT ENTRIES AND WHERE OTHERWISE SHOWN ON THE GRADING PLAN.
- 13. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO CONTROL DUST, MUD AND EROSION DURING CONSTRUCTION AND SHALL PROTECT ALL ADJACENT PROPERTIES AND RIGHTS-OF-WAY FROM DAMAGE BY EROSION. SEDIMENTATION OR OTHER POTENTIAL CONSTRUCTION RELATED DUST
- 14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXISTING SITE AND SOIL CONDITIONS AND DETERMINE IF ANY OFF-SITE MATERIALS WILL NEED TO BE IMPORTED TO ACHIEVE THE GRADES SPECIFIED ON THE PLANS.
- 15. ALL EXCESS FILL FROM THE SITE SHALL BE STOCKPILED BY THE CONTRACTOR, IN A LOCATION DETERMINED BY THE OWNER OR THE OWNER'S REPRESENTATIVE AND THE
- 16. ALL AREAS INDICATED SHALL BE COMPLETELY CLEAR OF ALL TIMBER, BRUSH, STUMPS ROOTS, GRASS, WEEDS, RUBBISH, AND ALL OTHER DEBRIS AND OBSTRUCTIONS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE GROUND.
- 17. PRIOR TO BID PREPARATION, THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE OVERALL SITE CONDITIONS AND PERFORM ADDITIONAL INVESTIGATIONS AS DETERMINED NECESSARY TO UNDERSTAND THE LIMIT AND DEPTH OF EXPECTED ORGANIC SILT PEA' AREAS, ADEQUACY OF EXISTING MATERIALS AS FILL, DEWATERING REQUIREMENTS, CLEAN FILL REQUIRED FROM OFF-SITE AND MATERIALS TO BE DISPOSED OF OFF-SITE, ALL OF WHICH WILL AFFECT PRICING. ANY DELAY, INCONVENIENCE OR EXPENSE CAUSED TO THE CONTRACTOR DUE TO INADEQUATE INVESTIGATION OF EXISTING CONDITIONS SHALL BE INCIDENTAL TO THE CONTRACT, AND NO EXTRA COMPENSATION WILL BE ALLOWED. THE MATERIALS ANTICIPATED TO BE ENCOUNTERED DURING CONSTRUCTION MAY REQUIRE DRYING PRIOR TO USE AS BACKFILL, AND THE CONTRACTOR MAY HAVE TO IMPORT MATERIALS, AT NO EXTRA COST, FROM OFF-SITE TO MEET THE REQUIREMENTS FOR COMPACTION AND PROPER FILL.

- 1. ALL DRAINAGE RELATED CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH WATER MANAGEMENT DISTRICT PERMIT ISSUED FOR THIS PROJECT.
- 2. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 3. THE ABOVE F.D.O.T. CONSTRUCTION DETAILS ARE HEREBY INCORPORATED THESE PLANS BY REFERENCE.
- 4. PIPE LENGTHS SHOWN REPRESENT SCALED DIMENSIONS BETWEEN CENTER-LINES OF DRAINAGE STRUCTURES AND FROM END OF HEADWALLS AND MITERED END SECTIONS. BIDDERS SHALL ADJUST FOR PIPE LENGTHS WHEN BIDDING MITERED END SECTIONS.
- ALL STORMWATER DRAINAGE PIPES SHALL BE REINFORCED CONCRETE PIPE (ASTM C-76, CLASS III) UNLESS NOTED OTHERWISE.

#### SEC. D PAVING. BASE. & STABILIZATION:

- 1. ALL PAVEMENT, BASE, & STABILIZATION CONSTRUCTION SHALL BE IN ACCORDANCE WITH F.D.O.T. CURRENT CONSTRUCTION SPECIFICATIONS.
- 2. ALL PAVING SURFACES IN INTERSECTIONS AND ADJACENT SECTIONS SHALL BE GRADED TO DRAIN POSITIVELY IN THE DIRECTION SHOWN BY THE FLOW ARROWS ON THE PLANS AND TO PROVIDE A SMOOTHLY TRANSITIONED DRIVING SURFACE FOR VEHICLES WITH NO SHARP BREAKS IN GRADE, AND NO UNUSUALLY STEEP OR REVERSE CROSS SLOPES. APPROACHES TO INTERSECTIONS AND ENTRANCE AND EXIT GRADES TO INTERSECTIONS WILL HAVE TO BE ADJUSTED IN THE FIELD TO INSURE A SMOOTH AND UNIFORM CONNECTION. IN THESE AREAS, IT MAY ALSO BECOME ADVISABLE TO MAKE MINOR FIELD ADJUSTMENTS IN PAVEMENT GRADES TO ACCOMPLISH GRADE TRANSITIONS.
- 3. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. THE CONTRACTOR IS TO

COORDINATE WITH THE ENGINEER PRIOR TO ANY ELEVATION CHANGES.

- 4. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT. THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE ENGINEER FOR APPROVAL.
- 5. THE CONTRACTOR IS TO PROVIDE A 1/2" BITUMINOUS EXPANSION JOINT MATERIAL
- AT ABUTMENT OF CONCRETE AND ANY STRUCTURE. 6. ALL ON-SITE PAVEMENT MARKINGS SHALL BE MADE WITH NON-THERMOPLASTIC PAINT TO FDOT STANDARD SPECIFICATIONS. PARKING STALL STRIPING TO BE 4" WIDE.
- 7. THE CONTRACTOR IS TO INSTALL EXTRA BASE MATERIAL WHEN THE DISTANCE BETWEEN THE PAVEMENT ELEVATION AND THE TOP OF THE PIPE OR BELL IS LESS THAN 12 INCHES. SEE "EXTRA BASE FOR CROSS CULVERTS UNDER FLEXIBLE PAVEMENT DETAIL.
- 8. CURBING SHALL BE CONSTRUCTED WHERE NOTED ON THE CONSTRUCTION PLANS. CONCRETE FOR CURBS SHALL BE DEPARTMENT OF TRANSPORTATION CLASS I" CONCRETE WITH A 28-DAY COMPRESSION STRENGTH OF 3000 PSI. CURBS SHALL HAVE SAW CUT CONTRACTION JOINTS AND SHALL BE CONSTRUCTED AT INTERVALS NOT TO EXCEED 10'-0" ON CENTER. CONSTRUCTION OF CURBS SHALL BE IN CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 520 AND DETAILS PROVIDED ON THE CONSTRUCTION PLANS.
- 9. PAVEMENT MARKINGS AND SIGNAGE SHALL BE PROVIDED AS SHOWN ON THE CONSTRUCTION PLANS AND SHALL MEET THE REQUIREMENTS OF THE OWNER/OPERATOR. SIGNAGE SHALL BE IN CONFORMANCE WITH MUTCD (LATEST EDITION). A 14 DAY PAVEMENT CURING TIME WILL BE PROVIDED PRIOR TO APPLICATION OF THE PAVEMENT MARKINGS. REFLECTIVE PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH
- 10. A MINIMUM OF 2-WAY TRAFFIC SHALL BE MAINTAINED IN THE WORK SITE AREA.
  ALL CONSTRUCTION WARNING SIGNAGE SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND BE MAINTAINED THROUGHOUT CONSTRUCTION. ACCESS SHALL BE CONTINUOUSLY MAINTAINED FOR ALL PROPERTY OWNERS SURROUNDING THE WORK AREA. LIGHTED WARNING DEVICES ARE TO BE OPERATIONAL PRIOR TO DUSK EACH NIGHT DURING CONSTRUCTION.

#### SEC. E EROSION CONTROL

- APPROVED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING, GRADING, EXCAVATION, FILLING OR OTHER LAND DISTURBING ACTIVITIES, EXCEPT THOSE OPERATIONS NEEDED TO INSTALL SUCH MEASURES OR UNDERGROUND UTILITIES INSTALLATIONS.
- 2. DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO INSURE AGAINST POLLUTING, SILTING OR DISTURBING TO SUCH AN EXTENT AS TO CAUSE AN INCREASE IN TURBIDITY TO THE EXISTING DRAINAGE SYSTEM AND ADJACENT WATER BODIES AND WETLANDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL PERMIT CONDITIONS RELATED TO SUCH MEASURES. METHODS MAY INCLUDE BUT ARE NOT LIMITED TO, FLOATING SILT BARRIERS, SEDIMENTATION BASINS, SEDIMENT CHECK DAMS, SILT FENCES, SYNTHETIC BAILS. THE MEASURES SHOWN ON THESE PLANS SHALL BE CONSIDERED MINIMUM AND SHALL NOT DEVIATE THE CONTRACTOR FROM THE RESPONSIBILITY TO IMPLEMENT ANY MEASURES NECESSARY TO PROVIDE PROTECTION, EROSION, SEDIMENTATION AND TURBIDITY.

- 3. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE F.D.O.T. MANUAL FOR EROSION CONTROL (LATEST ED.)
- 4. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND NEEDED REPAIRS OR MAINTENANCE SHALL BE COMPLETED BEFORE WORK STOPS FOR THE DAY.
- 5. TEMPORARY SEDIMENT TRAPS ARE ACCEPTABLE IF THE INLET IS PROPERLY SCREENED WITH SYNTHETIC BALES AND LOW ENOUGH IN ELEVATION FOR FOR RUNOFF TO
- 6. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR DURING THE CONSTRUCTION PHASE OF THIS PROJECT UNTIL ACCEPTED BY THE OWNER.
- 7. FAILURE TO PROPERLY INSTALL AND MAINTAIN EROSION CONTROL PRACTICES COULD RESULT IN CONSTRUCTION BEING SUSPENDED BY THE ENGINEER. 8. SEDIMENT BARRIERS SHALL MEET D.O.T STANDARDS.
- 9. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION BY THE ENGINEER OF RECORD.
- 10. ALL SEEDING FOR TEMPORARY STABILIZATION SHALL BE DONE AS EACH AREA IS MADE READY. CONSTRUCTION SEQUENCE TO MINIMIZE EROSION AND SEDIMENTATION AT STORM-WATER DISCHARGE POINTS:
- A. CONTRACTOR TO INSTALL FDOT TYPE III SILT FENCES AT SITE DISCHARGE POINTS. B. CONTRACTOR TO CONSTRUCT POND AND CONNECTING DRAINAGE AND OUTFALL PIPES
- AT INITIAL STAGES OF CONSTRUCTION. C. ALL GRADING OPERATIONS SHALL BE PERFORMED WITHOUT DELAY, PAUSE OR SUSPENDED (CONTINUOUS OPERATION) UNTIL PROPOSED GRADES ARE MET. ALL EXPOSED EARTH SHALL BE SEEDED AND MULCHED OR SODDED SOON AFTER AFTER GRADING IS COMPLETED.
- 11. EROSION CONTROL PLAN ANY MODIFICATIONS TO THIS PLAN MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REPRESENTING THE CONTRACTOR. THE MODIFICATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD AND IF SIGNIFICANT, THE PERMITTING AGENCY. NO CONTRACT DELAYS WILL BE ALLOWED FOR SUCH MODIFICATIONS OR APPROVALS.
- 12. OUTFALL PROTECTION PROJECT PIPE OR DITCH DISCHARGES INTO OFF-SITE OUTFALLS SHALL BE INSPECTED DAILY FOR POSSIBLE SEDIMENT BUILDUP OR EROSION. OUTFALLS SHALL BE PROTECTED THROUGH USE OF ENVIRONMENTAL CONTROL FEATURES AS NECESSARY TO CONTAIN ANY SEDIMENT ENTERING THE IMMEDIATE AREA OF THE PROJECT. ANY SEDIMENT BUILDUP OR TRANSPORT OFF SITE SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMEDY. THE CONTRACTOR SHALL USE APPROPRIATE MEASURES AS DIRECTED BY THE PROJECT ENGINEER FOR OUTFALL PROTECTION.
- 13. SLOPE PROTECTION ANY DISTURBED OR REWORKED SLOPES 3:1 OR GREATER IN SLOPE SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF TEMPORARY SODDING UNTIL PERMANENTLY STABILIZED. SUCH SLOPES SHALL NOT BE LEFT UNPROTECTED MORE THAN 24 HOURS OR PRIOR TO ANTICIPATED RAINFALL
- 14. SYNTHETIC HAY BALES SHALL BE PLACED AT THE BASE OF ANY SLOPE WHERE A RAINFALL EVENT COULD ERODE A SLOPE AND TRANSPORT SEDIMENTS OFF SITE. BALES SHALL BE DOUBLE STAKED IN ACCORDANCE WITH FDOT STANDARDS. FROSION DEPOSITS REACH THE NEAR THE TOP OF EXISTING BALES THEN SEDIMENTS SHOULD BE REMOVED, ANY DAMAGED OR INEFFECTIVE BALES ARE TO BE REPLACED. THE EXACT LOCATION OF BALE INSTALLATIONS SHALL BE AS DIRECTED BY THE
- 15. A. BACK OF SIDEWALK OR MEDIAN INLETS THESE SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL PROJECT IS COMPLETE. ELEVATION OF GROUND OUTSIDE INLET TOP SHALL NOT BE HIGHER THAN INLET TOP. SOCK PIPE SHALL BE INSTALLED AROUND INLET TOP. A SECOND ROW OF SOCK PIPE SHALL BE PLACED AROUND INLET APPROXIMATELY 4 "OUTSIDE FIRST ROW. BETWEEN ROWS THERE SHALL BE A DEPRESSIONS TO ACT AS A SEDIMENT BASIN. COMPLETED INLETS IN PAVED AREAS SHALL ALSO BE PROTECTED WITH A SINGLE LINE OF SOCK PIPE TO PREVENT SEDIMENT INTAKE FROM OTHER AREAS. B. CURB INTAKES - THESE INLETS SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL THE PROJECT IS COMPLETE. A SILT FENCE (TYPE III) SHALL BE PLACED AROUND THE OF THE BACK INLET IMMEDIATELY ADJACENT TO THE EDGE OF THE THE INLET. ALL EXPOSED SLOPED MATERIAL ADJACENT TO THE INLET SHALL E BE COVERED WITH EROSION CONTROL SOD TO MINIMIZE SEDIMENT ENTERING THE
- 16. STOCKPILED MATERIALS SHALL NOT BE LEFT IN EROSION PRONE AREAS TO NEXT TO A KNOWN WETLAND.
- 17. DAILY INSPECTION OF ALL EROSION CONTROL MEASURES AND CONDITIONS OF ADJACENT PROPERTIES SHALL BE PERFORMED BY THE CONTRACTOR. ANY AREAS OF CONCERN SHALL BE NOTED AND CORRECTED. ANY SIGNIFICANT EROSION AREAS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.

#### SEC. F DRY POND & SWALE RETENTION AREAS:

- 1. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL SYSTEMS FOR CONFORMANCE WITH THE SITE CONSTRUCTIONS PLANS AND FIELD CHANGES. BANKS AND SLOPES OF RETENTION PONDS SHALL ALSO BE CHECKED AFTER RAINFALL EVENTS FOR EROSION PROBLEMS
- 2. THE CONTRACTOR SHALL REPAIR ALL EROSION AND SEDIMENT CONTROL SYSTEMS AS REQUIRED FOR CONTINUED FUNCTION. RE-GRADE IF REQUIRED, TO MAINTAIN DESIGN CONFIGURATION. ADD SOD AND SILT FENCES AS REQUIRED TO PREVENT SOIL AND SILT FROM EXITING THE SITE.
- 3. MOW RETENTION AREAS REGULARLY TO MAINTAIN WEED OVERGROWTH AND PROMOTE
- 4. INSPECT RETENTION AREAS PERIODICALLY FOR ACCUMULATION OF DEBRIS AND TRASH. PROPERLY DISPOSE OF ALL DEBRIS AND TRASH IN RETENTION AREAS AND CONVEYANCE SWALES.

5. INSPECT RETENTION AREA BOTTOMS FOR DEPOSITS OF SAND AND/OR SILT AND REMOVE.

- 6. PERCOLATION PERFORMANCE SHALL BE EVALUATED YEARLY FOR EACH DRY RETENTION AREA. THE RETENTION AREAS SHALL PERCOLATE THE DESIGN WATER QUALITY VOLUME WITHIN 72 HOURS OF THE END OF RAINFALL EVENT. BOTTOM MAINTENANCE SHALL
- A. REMOVE 4 TO 6 INCHES OF RETENTION AREA BOTTOM MATERIAL AND SCARIFY.

BE PERFORMED AS REQUIRED BY EXERCISING THE FOLLOWING PROCEDURE:

B. REPLACE EXCAVATED MATERIAL WITH CLEAN SAND MATERIAL TO DESIGN GRADE AND SEED AND MULCH OR COVER WITH NON-MUCK GROWN SOD.

#### SEC. G WORKS IN PUBLIC RIGHT-OF-WAY:

- 1. ALL LOCAL, STATE AND FEDERAL ORDINANCES, POLICIES AND/OR OTHER REGULATIONS REGARDING TRAFFIC AND PEDESTRIAN TEMPORARY BARRICADES, LIGHTS, SIGNALS, SIGNAGE ETC., SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SAFE AND CONVENIENT MEANS OF ACCESS AND EGRESS TO ALL PARTS OF THE PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR.
- 2. PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL BARRICADES, WARNING SIGNS, AND MARKINGS FOR HAZARDS AND THE CONTROL OF TRAFFIC IN REASONABLE CONFORMITY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS OR AS DIRECTED BY F.D.OT. AND LOCAL TRAFFIC ENGINEER SUCH AS TO EFFECTIVELY PREVENT ACCIDENTS IN ALL PLACES WHERE THE WORK CAUSES OBSTRUCTIONS TO THE NORMAL TRAFFIC OR CONSTITUTES IN ANY WAY A HAZARD TO THE PUBLIC.
- 3. THE CONTRACTOR SHALL CONTROL HIS OPERATIONS AND THOSE OF HIS SUBCONTRACTORS AND ALL SUPPLIERS TO ASSURE THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC. THE CONTRACTOR SHALL MAINTAIN FREE AND UNOBSTRUCTED MOVEMENT OF VEHICULAR TRAFFIC AND SHALL LIMIT HIS OPERATIONS FOR THE SAFETY AND CONVENIENCE OF THE TRAVELING PUBLIC. UNDER ALL CIRCUMSTANCES, SAFETY SHALL BE THE MOST IMPORTANT CONSIDERATION.
- 4. THE CONTRACTOR SHALL COMPLY WITH ALL LEGAL LOAD RESTRICTIONS IN THE HAULING OF MATERIALS IN PUBLIC ROADS BEYOND THE LIMITS OF THE WORK. A SPECIAL PERMIT WILL NOT RELIEVE THE CONTRACTOR OF LIABILITY FOR THE DAMAGE WHICH MAY RESULT FROM THE MOVING OF MATERIAL AND EQUIPMENT.
- SPECIFICATIONS AND SUPPLEMENTS. 6. REFLECTIVE PAVEMENT MARKERS SHALL MEET THE REQUIREMENTS OF FDOT SPECIFICATIONS AND SUPPLEMENTS.

5. ALL STRIPING SHALL BE THERMOPLASTIC AND SHALL MEET THE REQUIREMENTS OF FDOT

7. ALL SIGNS WITHIN FDOT RIGHT-OF-WAY SHALL MEET THE REQUIREMENTS OF FDOT SPECIFICATIONS AND SUPPLEMENTS. 8. REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH CURRENT FDOT STANDARDS.

- 9. STRIPING WITHIN FDOT RIGHT-OF-WAY SHALL BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 17346.
- 10. SIGNS WITHIN FDOT RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 11860 AND SHALL BE PLACED IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 17302.
- 11. SIGNING AND STRIPING WITHIN FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

  12. ALL WORK PERFORMED WITHIN THE FLORIDA DEPARTMENT OF TRANSPORTATION
- A.) FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION. B.) FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS FOR STREETS AND HIGHWAYS ON STATE MAINTAINED SYSTEMS. (AKA: STANDARD INDEX) COMPLIANCE WITH ALL APPLICABLE FDOT INDEXES IS REQUIRED.
- 13. THE MAINTENANCE OF TRAFFIC IS TO BE PER APPLICABLE FDOT INDEX DESIGN.

RIGHT-OF-WAY SHALL CONFORM TO:

- 1. DURING THE CONSTRUCTION AND/ 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 AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY CURRENT OSHA STANDARDS.
- 2. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS.
- 3. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

#### SEC. I DEMOLITION:

- 1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND LICENSES FOR PERFORMING THE DEMOLITION WORK AND SHALL FURNISH A COPY OF SAME TO THE ENGINEER PRIOR TO COMMENCING THE WORK. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE PERMITS.
- 2. THE CONTRACTOR SHALL MODIFY ALL UTILITY COMPANIES OR LOCAL AUTHORITIES FURNISHING GAS, WATER, ELECTRICAL, TELEPHONE, OR UTILITY/SEWER SERVICE. SO THEY CAN REMOVE, RELOCATE, DISCONNECT, CAP OR PLUG THEIR EQUIPMENT IN ORDER TO
- 3. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS SHOWN ON THESE PLANS AND ALL OTHER UTILITIES AND OTHER IMPROVEMENT NOT SHOWN. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED DURING CONSTRUCTION AND SHALL MAINTAIN SUFFICIENT PROTECTION TO ALL UTILITIES REQUIRED TO PROTECT THEM FROM DAMAGE AND TO
- 4. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL TREES, STRUCTURES, AND UTILITIES NOT MARKED FOR REMOVAL OR DEMOLITION AND SHALL PROMPTLY REPAIR ANY DAMAGE AS DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER.
- 5. THE CONTRACTOR TO REMOVE ALL BUILDING STRUCTURES MARKED FOR DEMOLITION WHICH INCLUDES ALL FOOTERS ASSOCIATED WITH THE STRUCTURE, SEPTIC SYSTEMS AND WATER LINES TO THE METER LOCATION, LATERALS TO THE RIGHT-OF-WAY LINE (CAP PRIOR TO BACKFILLING THE TRENCH), AND ALL UNDERGROUND ELECTRICAL WIRING NOT ASSOCIATED WITH THE APPROPRIATE POWER COMPANY.
- 6. THE CONTRACTOR SHALL REMOVE ALL PAVING MARKED FOR DEMOLITION WHICH INCLUDES
- ALL ASPHALT, CONCRETE, BASE, GRAVEL, BRICK AND SIDEWALK. 7. THE CONTRACTOR SHALL REMOVE ALL TREES MARKED FOR REMOVAL WHICH INCLUDES THE ROOTS ASSOCIATED WITH THE TREE. THE TREES NOT MARKED FOR REMOVAL SHALL BE PROTECTED IN ACCORDANCE WITH THE TREE PROTECTION DETAILS.
- 8. THE CONTRACTOR IS TO REMOVE ALL UNSALVAGEABLE MATERIALS AND YARD WASTE FROM THE SITE IMMEDIATELY AND DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
- 9. THE CONTRACTOR SHALL SAW-CUT A SMOOTH STRAIGHT EDGE ON ANY PAVEMENT PROPOSED FOR DEMOLITION PRIOR TO ITS REMOVAL TO ENSURE THAT THE EDGE OF THE INTERFACE BETWEEN OLD AND NEW PAVEMENT IS STRAIGHT, UNIFORM AND EVEN IN ELEVATION.

### SEC. J. UNDERGROUND UTILITIES:

- 1. THE ENGINEER RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO UNCOVER, RETEST AND/OR PERFORM ANY ACTION NECESSARY TO ENSURE THAT THE MPROVEMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND
- 2. THE CONTRACTOR SHALL COORDINATE ALL BACKFILL OPERATIONS WITH THE PROJECT SOILS ENGINEER AND SUBMIT TEST REPORTS TO ENGINEER PRIOR TO BEGINNING WORK ON THE NEXT ITEM OF WORK, I.E. SUBGRADE PRIOR TO CURB.
- 3. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (90-96, LAWS OF FLORIDA). ANY MATERIAL. CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.
- 4. FLORIDA LAW (5.33.851) REQUIRES THAT PERSONS MAKING EXCAVATIONS IN PUBLIC OR PRIVATE STREETS, ALLEYS, RIGHT-OF-WAY OR UTILITY EASEMENTS WITH HAND TOOLS OR POWER EQUIPMENT MUST FIRST OBTAIN INFORMATION ON THE THE LOCATION OF UNDERGROUND GAS PIPE LINES. THE CONTRACTOR SHALL NOTIFY THE GAS UTILITY A MINIMUM OF 48 HOUR AND A MAXIMUM OF
- 5 DAYS PRIOR TO EXCAVATION. 5. ALL WORK SHALL SHALL BE OPEN TO AND SUBJECT TO INSPECTION.
- 6. THE CONTRACTOR SHALL COORDINATE THE INSTALLATIONS OF UTILITY CONDUITS (SLEEVES) UNDER PAVED AREAS WITH EACH UTILITY COMPANY PRIOR TO BASE
- 7. ALL DEWATERING COSTS ASSOCIATED WITH THE INSTALLATION AND CONSTRUCTION OF THE UNDERGROUND UTILITIES; STORMWATER PIPES AND MANHOLES; SANITARY SEWER MAINS, FORCE MAINS, MANHOLES, AND LIFT STATIONS; AND STORMWATER MANAGEMENT SYSTEMS SHALL BE INCLUDED AS PART OF THE CONSTRUCTION BID

### SEC. K SANITARY SEWER SYSTEM:

- 1. ALL SEWER COLLECTION SYSTEM RELATED ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL STANDARDS, THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND HEALTH DEPT. REQUIREMENTS.
- 2. IF UNSUITABLE MATERIAL IN THE VICINITY OF SANITARY SEWER LINES ARE FOUND DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHO WILL DIRECT THE CONTRACTOR TO REMOVE THE UNSUITABLE MATERIAL AND PREPARE THE TRENCH AND INSTALL THE SEWER LINES IN ACCORDANCE WITH ASTM D-2321.
- 3. ALL SANITARY SEWER MAINS AND LATERALS WITH IN THE R.O.W. SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.

4. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING NEW WORK TO

EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING CONNECTION POINT AND NOTIFY OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES. 5. ALL SANITARY SEWER COVERS SHALL BE TRAFFIC RATED FOR H-20 LOADING. 6. THE CONTRACTOR SHALL PROVIDE CERTIFIED UTILITY RECORD DRAWINGS,

SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR. THE RECORD

DRAWINGS SHALL SHOW FINAL GRADES AND LOCATIONS ON ALL SANITARY

- SEWER MAINS AND SERVICES. THE CONTRACTOR SHALL PROVIDE ONE (1) COPY OF THE CERTIFIED RECORD DRAWINGS TO THE ENGINEER. 7. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON ALL GRAVITY SEWER IN ACCORDANCE WITH THE REGULATION AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE TESTING COMPANY.
- 8. ALL FORCEMAINS SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION

COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTOR'S

9. OUA HOURS OF OPERATION MON - THUR 7:30AM - 5:30PM ALL DAYS/HOURS NEEDED OUTSIDE OF THOSE TIMES WILL BE PAID AT OVERTIME RATE.

OF ALL PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.

#### SEC. L WATER DISTRIBUTION:

- 1. ALL WATER DISTRIBUTION SYSTEM RELATED ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL UTILITIES PROVIDER REQUIREMENTS, FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION. AND HEALTH DEPT.
- SHALL BE NEW, HIGH GRADE AND FREE FROM DEFECTS.
- 3. PRESSURE AND LEAKAGE TESTS FOR NEWLY-INSTALLED WATER DISTRIBUTION SYSTEM PRESSURE PIPES AND APPURTENANCES SHALL BE PERFORMED IN CONFORMANCE WITH F.D.E.P AND LOCAL UTILITIES PROVIDER.
- 5. PRESSURE AND LEAKAGE TESTS FOR NEWLY-INSTALLED WATER DISTRIBUTION SYSTEM PRESSURE PIPES AND APPURTENANCES SHALL BE PERFORMED IN CONFORMANCE WITH CITY, COUNTY AND FDOT STANDARDS. POTABLE WATER TEST PRESSURES SHALL BE 150 PSI; DURATION OF TESTS
- 7. ALL PVC PIPE MUST BEAR THE NSF LOGO FOR POTABLE WATER USE.
- 8. PRIOR TO THE CONNECTION TO ANY EXISTING MAIN. THE PROPOSED WATER MAIN SHALL BE DISINFECTED, HAVE ENGINEER APPROVED PRESSURE TESTING AND HAVE FDEP CLEARANCE. REFER TO FDEP PERMIT FOR ANY ADDITIONAL
- EXCEED THE REQUIREMENTS OF F.D.E.P.
- 10. OUA HOURS OF OPERATION MON THUR 7:30AM 5:30PM

SIDEWALKS SHALL BE PORTLAND CEMENT CONCRETE, A MINIMUM OF SIX INCHES THICK, AND FOUR FEET WIDE. WHERE EXTENDING ACROSS DRIVEWAYS, SIDEWALKS SHALL HAVE A MINIMUM THICKNESS OF SIX INCHES. SAWED CONTRACTION JOINTS SHALL BE A MINIMUM OF 11/2 INCHES DEEP. EXPANSION JOINTS SHALL BE PROVIDED BETWEEN THE SIDEWALK AND CURBING. DRIVEWAYS AND ALL OTHER FIXED OBJECTS. SIDEWALKS SHALL HAVE A TRANSVERSE SLOPE OF ONE-FOURTH INCH PER FOOT TOWARD THE SWALE OR GUTTER AND SHALL BE GIVEN A TRANSVERSE BROOM FINISH. HANDICAPPED RAMPS SHALL BE INSTALLED WHEREVER SIDEWALKS MEET UPRIGHT CURBS, AND AS OTHERWISE REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (ADA). ANY NECESSARY OBSTRUCTION SHALL BE PLACED SO AS TO MAINTAIN TH MAXIMUM CLEAR WIDTH. SIDEWALKS SHALL BE MAINTAINED BY THE OWNERS OF THE ABUTTING PROPERTIES. ALTERNATE MATERIALS AND METHODS OF CONSTRUCTION MAY BE CONSIDERED BY THE DEPARTMENT OF PUBLIC WORKS FOR TEMPORARY INSTALLATIONS. SPECIAL SURFACE TREATMENTS SUCH AS PAVERS, TILE, ETC., MAY BE CONSIDERED BY THE DEPARTMENT OF PUBLIC WORKS UPON REQUEST OF THE DEVELOPER OR ENGINEER OF RECORD. SIDEWALKS SHALL BE CONSTRUCTED ON BOTH SIDES OF INTERNAL SUBDIVISIONS. ALONG EXISTING STREETS, SIDEWALKS SHALL BE INSTALLED ON THE SUBDIVISION SIDE OF THE STREET RIGHT OF WAY. AT INTERSECTIONS WITH EXISTING STREETS, SIDEWALKS SHALL BE EXTENDED TO THE RIGHT-OF-WAY AT RURAL ROADWAY SECTIONS, OR TO THE BACK OF CURB OF EXISTING ROADWAYS AT URBAN SECTIONS. CURB CUTS AND HANDICAP RAMPS SHALL BE PROVIDED WHEN CONNECTING TO EXISTING URBAN SECTIONS. IN SITUATIONS WHERE IMPROVEMENTS ARE PLANNED FOR EXISTING ROADWAYS WHICH WOULD RESULT IN DAMAGE OR REQUIRE REMOVAL OF SIDEWALKS; OR WHERE IT CAN BE DEMONSTRATED THAT SIGNIFICANT DAMAGE IS LIKELY T OCCUR DUE TO SUBSEQUENT BUILDING CONSTRUCTION ON THE PROJECT FOR WHICH THE SIDEWALK IS TO BE INSTALLED, AT THE DISCRETION OF AND WITH THE PRIOR APPROVAL OF THE CITY ADMINISTRATOR, INSTALLATION MAY BE DEFERRED, SUBJECT TO THE DEVELOPER POSTING WITH THE CITY, A "SIDEWALK PERFORMANCE BOND" IN A FORMAT ACCEPTABLE TO THE CIT

- 2. ALL MATERIALS FURNISHED BY THE CONTRACTOR UNDER THIS SECTION
- 4. ALL WATER LINES SHALL BE INSTALLED IN A DRY TRENCH.
- IS TO BE 2 HOURS. TESTS TO BE CONDUCTED PURSUANT TO AWWA C605.
- 6. DISINFECT POTABLE WATER MAINS IN ACCORDANCE WITH AWWA C651 STANDARD PROCEDURES FOR DISINFECTING WATER MAINS.
- 9. THE WATERMAINS SHALL BE INSTALLED AS NOTED ON THE PLANS. WHERE APPLICABLE, A SEPARATION BETWEEN WATERMAINS, SEWER, RE-USE OR STORM PIPES SHALL MEET OR
- ALL DAYS/HOURS NEEDED OUTSIDE OF THOSE TIMES WILL BE PAID AT OVERTIME RATE.

#### SEC. M SIDEWALKS:



JOHN J. HERBERT IV, P.E. LIC # 84698

7/2/2024 GENERAL NOTES PROJECT NO. 22190

