

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE CONFORMANCE TO THESE REQUIREMENTS BY ALL SUBCONTRACTORS.

- THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS PLANS AND SHALL BE CONSIDERED PART OF THESE PLANS:

RECORD SURVEY PREPARED BY VELCON ENGINEERING & SURVEYING, INC., DATED 01/27/2022

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT HE/SHE HAS THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE.

- ALL HANDICAPPED PARKING SPACES SHALL BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE 42 U.S.C. § 12101 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.) OR THE REQUIREMENTS OF THE JURISDICTION WHERE THIS PROJECT IS TO BE CONSTRUCTED.

- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES. CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.

- THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE REQUIREMENTS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION OVER THIS PROJECT.

- THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH HEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT, SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER WORK.

- THESE PLANS ARE BASED ON INFORMATION PROVIDED TO THOMAS ENGINEERING BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THOMAS ENGINEERING IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.

- ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO THE GIVING OF SUCH NOTIFICATION AND THE ENGINEER'S WRITTEN AUTHORIZATION OF SUCH ADDITIONAL WORK.

- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY LOCATIONS.

- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE BUILDING LAYOUT, PLANS AND LATEST ARCHITECTURAL PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE APPLICABLE). CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER OF ANY DISCREPANCIES.

- DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

- THE CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT AND CONTIGUOUS STRUCTURES.

- THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. WHICH ARE TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, ETC. WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA.

- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY SHALL RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE EXISTING CONDITION. IN CONDUCTING SUCH REPAIRS, THE CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.

- ALL CONCRETE SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT.

- THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS / MEANS FOR COMPLETION OF THE WORK DEPICTED NEITHER ON THESE PLANS, NOR FOR ANY CONFLICTS/CONFLICTS BETWEEN THE PLANS AND/OR SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

- THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAS THE ENGINEER OF RECORD BEEN RETAINED FOR SUCH PURPOSES.

- ALL CONTRACTORS MUST CARRY THE SPECIFIED STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME THOMAS ENGINEERING, AND ITS SUB-CONSULTANTS AS ADDITIONAL NAMED INSURERS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THIS HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH THOMAS ENGINEERING WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE. CERTIFICATIONS OF INSURANCE ARE TO BE SUBMITTED OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS THOMAS ENGINEERING AND ITS SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES, OR COSTS, INCLUDING REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.

- THOMAS ENGINEERING WILL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND/OR METHODS, AND CONSTRUCTION SAFETY COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THOMAS ENGINEERING'S SHOP DRAWING REVIEW WILL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT THOMAS ENGINEERING HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. THOMAS ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM ITS CONSTRUCTION DOCUMENTS NOT BROUGHT TO ITS ATTENTION. IN WRITING, BY THE CONTRACTOR. THOMAS ENGINEERING WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.

D. TESTINGS:

- AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENGINEER MAY REQUIRE A VISUAL INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.
- AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE ENGINEER.
- MANHOLE LEAKAGE TEST SHALL NOT EXCEED FOUR GALLONS PER DAY PER UNIT. NO VISIBLE LEAKAGE ALLOWED.
- SEWER PIPE LEAKAGE ALLOWABLE SHALL NOT EXCEED 50 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED. NO VISIBLE LEAKAGE SHALL BE ALLOWED AND ALL LINES SHALL BE T.V. INSPECTED.
- SANITARY SEWER SHALL BE TELEVIEWED AND LAMPED AT DEVELOPER'S EXPENSE PRIOR TO FINAL ACCEPTANCE. OWNER / CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY DEFICIENCIES PRIOR TO CERTIFICATION TO ANY AGENCY.
- VISUAL INFILTRATION LEAKAGE INTO MANHOLES AND SEWER PIPE SHALL NOT BE PERMITTED.

WATER DISTRIBUTION AND/OR SANITARY SEWER FORCE MAIN SYSTEM

- NO CONNECTIONS TO THE EXISTING LINES SHALL BE MADE UNTIL PRESSURE TESTS, FOR THE WATER AND SEWER FORCE MAINS, AND BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED AND THE SYSTEM IS ACCEPTABLE TO THE APPLICABLE UTILITY AND HEALTH DEPARTMENTS.
- BEDDING AND INITIAL BACKFILL FOR MAINS SHALL BE SAND WITH NO ROCKS LARGER THAN 1" IN DIAMETER.
- USE "DETECTOR" TAPE ON ALL PVC MAINS (18" ABOVE), AND USE "NON-DETECTO" TAPE ON ALL D.I.P. MAINS (18" ABOVE).
- A SIX (6) FOOT HORIZONTAL SEPARATION IS REQUIRED BETWEEN WATER MAINS AND OBSTRUCTIONS (I.E. CATCH BASINS, POWER POLES, INCLUDING TREES, & WATER MAINS, ETC.).
- NO VALVES, METERS, FIRE HYDRANTS, CLEANOUTS, MANHOLES OR OTHER UTILITY APPURTENANCES ARE TO BE PLACED IN, OR ADJACENT TO, SIDEWALKS, CURBS, PARKING SPACES OR OTHER SUCH SITE FEATURES SO AS TO PRESENT A HAZARD OR RESTRICT THE MAINTENANCE OR OPERATION OF THE UTILITY INFRASTRUCTURE.

- DUCTILE IRON PIPE (DIP) SHALL BE CLASS 52 UP TO 12" SIZE & CLASS 51 FOR 14" AND LARGER WITH INTERIOR CEMENT LINING AND BITUMINOUS COATED OUTSIDE. WATER MAIN & EPOXY LINED & COATED FORCE MAINS MANUFACTURED IN ACCORDANCE WITH ANSII/AWWA C151/A21 51-91 OR LATEST REVISION. THE PIPE SHALL WITHSTAND A WORKING PRESSURE OF 350 PSI. THE JOINTS SHALL BE BELL AND SPIGOT PUSH-ON TYPE UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL PVC MAINS SHALL BE SERIES 1120, CLASS 150 (DR 18) PREPARED TO MEET OR EXCEED THE ANSII/AWWA C900-99 OR LATEST REVISION, AND SHALL HAVE PUSH-ON JOINTS, AND IRON PIPE O.D. (PVC ON-SITE ONLY).
- FITTINGS FOR MAINS 4" AND LARGER SHALL BE DUCTILE IRON MECHANICAL JOINT CONFORMING TO ANSII/AWWA C110/A21 10-93 OR LATEST REVISION, COMPLETE WITH GLANDS, GASKETS, BOLTS AND NUTS. ALL FITTINGS SHALL BE EPOXY LINED AND SEAL COATED WITH THE SAME MATERIALS AS THE PIPE & USE MEGALUG SERIES 1100 RESTRAINED JOINT ADAPTERS.

- VALVES SHALL BE GATE VALVES, IRON BODY, FULLY RESILIENT SEAT BRONZED MOUNTED NON-RISING STEM, RATED AT 200 PSI AND CONFORMING TO ANSI/AWWA C509-97 OR LATEST REVISION, AND SHALL HAVE MECHANICAL JOINTS.

- GATE VALVES 4" AND LARGER SHALL BE MUELLER A-2360-20, RESILIENT SEATED GATE VALVES SHALL BE AMERICAN 500/2500 LIME OR CLOW F-6100, CONFORMING TO ANSII/AWWA C509-97.
- TAPPING VALVES SHALL BE MUELLER H667 OR APPROVED EQUAL.

- GATE VALVES 3" OR LESS SHALL BE NIBCO T-133 OR T-136 WITH MALLEABLE HAND WHEELS. NO SUBSTITUTIONS ALLOWED.
- TAPPING SLEEVES SHALL BE MUELLER H615 OR APPROVED EQUAL PER UTILITY DEPARTMENT.
- VALVE BOXES SHALL BE TLERUNION 461-S OR APPROVED EQUAL PER UTILITY DEPARTMENT.

- RETAINER GLANDS SHALL CONFORM TO ANSII/AWWA C111/A21 11-99 OR LATEST REVISION. ALL GLANDS SHALL BE MANUFACTURED FROM DUCTILE IRON AS LISTED BY UNDERWRITERS LABORATORIES FOR 250 PSI MINIMUM WATER PRESSURE RATING. AND WHERE MANUFACTURED IN ACCORDANCE WITH UNDERWRITERS PROTECTION EQUIPMENT COMPANY OR APPROVED EQUAL.
- DRESSER COUPLINGS SHALL BE REGULAR GASKET COUPLINGS WITH PLAIN GASKETS FOR GALVANIZED STEEL PIPE. THEY SHALL BE DRESSER STYLE 90. NO SUBSTITUTIONS ALLOWED.
- FIRE HYDRANTS SHALL HAVE A 5 1/4" MAIN VALVE OPENING. PUMPER NOZZLE TO BE 18" FROM FINISH GRADE. ALL HYDRANTS TO BE INSTALLED WITH PUSH-ON RUBBER GASKET JOINTS. FIRE HYDRANT SHALL COMPLY WITH ANSII/AWWA C502-95 (OR LATEST REVISION). HYDRANTS SHALL BE MUELLER CENTURION OR AMERICAN DARTING. BLUE REFLECTIVE PAVEMENT MARKER REQUIRED IN CENTER OF NEAREST DRIVING LANE FOR FIRE HYDRANTS.
- PIPE COLOR CODING REQUIREMENT SHALL CONFORM TO 62-355.320(21) (b) (3), F.A.C.

- INSTALLATION:
 - CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE WITH ASTM B-62 WITH THREADED ENDS, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.
 - CURB STOPS SHALL BE MUELLER OR APPROVED EQUAL.
 - METER STOPS SHALL BE 90° LOCK WING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B-62. METER STOPS SHALL BE CLOSURE BOTTOM DESIGN AND RESILIENT 'O' RING SEALED AGAINST EXTERNAL LEAKAGE AT THE CROSSING. STOPS SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.
 - SERVICE PIPING SHALL BE TYPE 'K' DRAWN COPPER.

- INSTALLATION:
 - GENERAL:
 - A METHOD A PER APPLICABLE UTILITY AND HEALTH DEPARTMENT STANDARDS, WHICH INVOLVES A REDUCED SIZE TEMPORARY CONNECTION BETWEEN THE EXISTING MAIN AND THE NEW ONE.
 - METHOD B PER APPLICABLE UTILITY AND HEALTH DEPARTMENT STANDARDS, WHICH INVOLVES A DIRECT CONNECTION BETWEEN THE NEW AND EXISTING MAINS USING TWO GATE VALVES SEPARATED BY A SLEEVE WITH A VENT PIPE.
 - METHOD C APPROVED BY THE APPLICABLE UTILITY AND HEALTH DEPARTMENT STANDARD, WHICH INVOLVES A TAP WITH ONE GATE VALVE REQUIRED FOR THE OPERATION OF THE NEW SYSTEM PRIOR TO CONDUCTING THE PRESSURE TEST.
 - BEDDING:
 - BEDDING AND INITIAL BACKFILL (12 INCHES ABOVE PIPE) FOR 6" PIPE SHALL BE SAND WITH NO ROCK LARGER THAN 1/2" IN DIAMETER. PEA ROCK OR 3/4" WASHED ROCK WILL BE USED IN WATER OR WHERE UNSUITABLE BEDDING EXISTS AT THE DISCRETION OF THE CITY OF APPLICABLE UTILITY DEPARTMENT. ALL OTHER FILL SHALL NOT HAVE ROCK LARGER THAN 6" IN DIAMETER.

3. PVC PIPE:

- PVC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE UNI-BELL PLASTIC PIPE ASSOCIATION'S GUIDE FOR INSTALLATION OF PVC PRESSURE PIPE FOR MUNICIPAL WATER DISTRIBUTION SYSTEMS.
- PVC PIPE SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER.
- DETECTOR TAPE SHALL BE INSTALLED THE FULL LENGTH OF ALL PVC MAINS APPROXIMATELY 18" ABOVE THE PIPE, COLOR SIZE UP.

4. DUCTILE PIPE:

- D.I.P. SHALL BE INSTALLED IN ACCORDANCE WITH ANSII/AWWA C800-99 OR LATEST REVISION.
- D.I.P. SHALL BE INSTALLED WITH A MINIMUM OF 30" COVER.
- "NON-DETECTOR" TAPE SHALL BE INSTALLED THE FULL LENGTH OF ALL D.I.P. MAINS APPROXIMATELY 18" ABOVE THE MAIN COLOR SIZE UP.

6. SERVICE:

- COVER OVER SERVICE LINES SHALL BE 18" MINIMUM, 36" MAXIMUM BELOW FINISHED GRADE AND 36" UNDER PAVEMENT.
- SERVICES UP TO 2" SHALL BE TYPE "K" COPPER OR POLYETHYLENE AS DETERMINED BY APPLICABLE UTILITY DEPARTMENT.
- METER STOPS SHALL HAVE 8" TO 10" COVER AS REQUIRED FOR PROPER METERBOX INSTALLATION.
- WATER SERVICES UNDER PAVEMENT SHALL BE ENCASED IN A SCHEDULE 80 PVC SLEEVE FOR THE FULL LENGTH OF THE PAVEMENT AND FOR 2' BEYOND THE EDGE. SLEEVE DIAMETER SHALL BE TWICE THE DIAMETER OF THE SERVICE PIPE.
- THE END OF EACH SERVICE CONNECTION SHALL BE MARKED WITH A 2"x4" TREATED STAKE PAINTED BLUE EXTENDING 18" (MINIMUM) ABOVE GRADE UNLESS INDICATED OTHERWISE.

E. TESTING:

- BEFORE ANY PHYSICAL CONNECTIONS TO THE EXISTING WATER MAINS ARE MADE, THE COMPLETE WATER SYSTEM SHALL BE PRESSURE TESTED WITH HYDRANT TESTS. HYDRANT TESTS FOR NEW MAINS SHALL BE PERFORMED AT A MINIMUM STARTING PRESSURE OF 150 PSI FOR TWO HOURS IN ACCORDANCE WITH ANSII/AWWA C600-95 OR LATEST REVISION. THE PRESSURE TEST SHALL NOT VARY MORE THAN ± 5 P.S.I. DURING THE TEST.
- THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE UTILITY DEPARTMENT AND THE ENGINEER OF RECORD.
- BEFORE ACCEPTANCE FOR OPERATION, THE WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE ANSII/AWWA C651-05, 150 PSI MINIMUM STARTING TEST PRESSURE, WITH BACTERIOLOGICAL SAMPLES APPROVED BY THE HEALTH DEPARTMENT.
- SAMPLING POINTS SHALL BE PROVIDED AT THE LOCATIONS SHOWN ON THE PLANS IF NOT SPECIFIED, SAMPLING POINTS SHALL BE PROVIDED AT INTERVALS OF 100' MAXIMUM FOR LINES GREATER THAN 150' IN LENGTH PROVIDE A MINIMUM OF TWO SAMPLING POINTS FOR ALL OTHER TEST SEGMENTS. SAMPLE POINTS MUST BE APPROVED BY THE HEALTH DEPARTMENT.
- THE ALLOWABLE LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FORMULA:
$$L = \frac{SD \cdot P^{0.5}}{148.000}$$

IN WHICH:
L EQUALS THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
S EQUALS LENGTH OF PIPE (LINEAR FEET).
D EQUALS NOMINAL DIAMETER OF PIPE (INCHES) AND
P EQUALS THE MINIMUM TEST PRESSURE (POUNDS PER SQUARE INCH).

SEPARATION OF WATER AND SEWER MAINS

- SANITARY SEWERS, STORM SEWERS, AND FORCE MAINS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, STORM SEWERS, AND FORCE MAINS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE WATER MAIN AND THE TOP OF THE WASTEWATER MAIN WHENEVER POSSIBLE. WHERE SANITARY SEWERS, STORM SEWERS, OR FORCE MAINS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.

- ALL CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

- WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, THE NEW PIPE SHALL CROSS OVER THE EXISTING PIPE AND ITS CROSSING SHALL BE ARRANGED TO MEET THE REQUIREMENTS ABOVE.

- A MINIMUM 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

- IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
- WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).
- A MINIMUM 6-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS AND ALL OBSTRUCTIONS INCLUDING TREES.

- DIP SHALL BE CLASS 50 OR HIGHER. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY THE ENGINEER.

STORM DRAINAGE:

- GENERAL:
 - CATCH BASIN GRATES AND RIM ELEVATIONS AS SHOWN ON PLANS SHALL BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES.
 - DISTANCES AND LENGTHS SHOWN ON PLANS REFERENCE THE CENTER OF STRUCTURES.

- CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT THE GRADING ADJACENT TO BUILDINGS COMPLY WITH FBC SECTION 1804.3 AND PROVIDE POSITIVE DRAINAGE FLOW TO THE SITE DRAINAGE SYSTEM. CONTRACTOR SHALL INSTRUCT SUB-CONTRACTORS (SITE, LANDSCAPE, ETC.) OF THE SAME. SHALLOW SWALES MAY BE NEEDED IN CERTAIN INSTANCES.

- MATERIALS:
 - ALL HIGH DENSITY POLYETHYLENE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M - 294 LATEST REVISIONS. ALL PIPING TO BE NON-PERFORATED TUBING.
 - ALL YARD DRAIN BASINS ARE TO BE HIGH DENSITY POLYETHYLENE PRODUCT AND SHALL MEET ASTM LATEST MINIMUM STANDARDS.
 - ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AND SHALL MEET THE REQUIREMENTS OF A.S.T.M. SPECIFICATION C-478 AND 641 UNLESS OTHERWISE NOTED IN THE PLANS. BLOCK CATCH BASINS WILL BE ALLOWED ONLY WITH APPROVAL OF THE ENGINEER. THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE NO. 4 BARS AT 12 INCHES EACH WAY UNLESS OTHERWISE INDICATED. CONCRETE SHALL BE MINIMUM OF f'c=3750 PSI AT 28 DAYS.
- INSTALLATION
 - PIPE SHALL BE PLACED ON A MINIMUM OF 8" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO A BACKFILL GRADE AND LINE.
 - BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL AND SHALL BE TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS
 - PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY INTERSECTIONS OF TRANSPORTATION AND OTHER UTILITY DEPARTMENTS.
 - THE CONTRACTOR SHALL NOTIFY THE APPLICABLE JURISDICTIONS ENGINEERING DEPARTMENT/FDOT (AS APPLICABLE) AND THE ENGINEER OF RECORD AT LEAST 7 DAYS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

PAVING:

- GENERAL:
 - ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.
 - ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.
 - WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT TO ENSURE A PROPER JOINT.
- MATERIALS:
 - LIMEROCK BASE: (ASPHALT/VEHICULAR PAVED AREAS) LIME ROCK BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM THICKNESS AND COMPACTED TO 98% MAXIMUM DRY DENSITY PER AASHTO T-180 (LBR 100). OTHER SUBSTITUTES SHALL BE PER FDOT SPECIFICATIONS AND PROVIDE EQUIVALENT STRUCTURAL NUMBER AS ABOVE (MIN LBR 100). MIAMI LIMEROCK TO HAVE MINIMUM OF 70% CARBONATES AND LIQUID LIMIT 35% PLASTICITY OR ACCEPTABLE FDOT PRODUCT APPROVAL.
 - WEARING SURFACE (ASPHALT SURFACE ONLY) INSTALLATION OF THE 2" ASPHALTIC CONCRETE SURFACE SHALL COMPLY WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SP 9.5 ASPHALTIC CONCRETE AND SHALL BE CONSTRUCTED WITH 2 LIFTS OF 1" ASPHALTIC CONCRETE WITH TACK COAT BETWEEN LIFTS. (VIRGIN ASPHALT TO BE USED FOR FINAL LIFT.)
 - REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH 4" MINIMUM SLAB THICKNESS AND SHALL BE REINFORCED WITH A 6" x 6" NO. 6 GAUGE WIRE MESH.

- INSTALLATION:
 - SUB-BASE 12" STABILIZED SUB-BASE COMPACTED TO 98% OF MAX. DRY DENSITY PER AASHTO T-180 (MIN LBR 40).
 - BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 - INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR TYPE SP 9.5 AND/OR SP 12.5 ASPHALTIC CONCRETE OR THE LATEST REVISION.

- TESTING
 - THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLATE. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.
 - DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE ENGINEER.
 - ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE CONTRACTOR.
 - DENSITY TESTS ON THE STABILIZED SUBGRADE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD AND THE APPLICABLE JURISDICTIONS, AND APPROVED BEFORE ANY BASE IS CONSTRUCTED.
 - DENSITY TESTS AND "AS-BUILTS" ON THE FINISHED BASE SHALL BE SUPPLIED TO ENGINEER OF RECORD AND THE APPLICABLE JURISDICTIONS, AND APPROVED BEFORE ANY ASPHALT PAVEMENT IS CONSTRUCTED.

- INSTALLATION:
 - CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE WITH ASTM B-62 WITH THREADED ENDS, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.
 - CURB STOPS SHALL BE MUELLER OR APPROVED EQUAL.
 - METER STOPS SHALL BE 90° LOCK WING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B-62. METER STOPS SHALL BE CLOSURE BOTTOM DESIGN AND RESILIENT 'O' RING SEALED AGAINST EXTERNAL LEAKAGE AT THE CROSSING. STOPS SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.
 - SERVICE PIPING SHALL BE TYPE 'K' DRAWN COPPER.

- INSTALLATION:
 - GENERAL:
 - A METHOD A PER APPLICABLE UTILITY AND HEALTH DEPARTMENT STANDARDS, WHICH INVOLVES A REDUCED SIZE TEMPORARY CONNECTION BETWEEN THE EXISTING MAIN AND THE NEW ONE.
 - METHOD B PER APPLICABLE UTILITY AND HEALTH DEPARTMENT STANDARDS, WHICH INVOLVES A DIRECT CONNECTION BETWEEN THE NEW AND EXISTING MAINS USING TWO GATE VALVES SEPARATED BY A SLEEVE WITH A VENT PIPE.
 - METHOD C APPROVED BY THE APPLICABLE UTILITY AND HEALTH DEPARTMENT STANDARD, WHICH INVOLVES A TAP WITH ONE GATE VALVE REQUIRED FOR THE OPERATION OF THE NEW SYSTEM PRIOR TO CONDUCTING THE PRESSURE TEST.
 - BEDDING:
 - BEDDING AND INITIAL BACKFILL (12 INCHES ABOVE PIPE) FOR 6" PIPE SHALL BE SAND WITH NO ROCK LARGER THAN 1/2" IN DIAMETER. PEA ROCK OR 3/4" WASHED ROCK WILL BE USED IN WATER OR WHERE UNSUITABLE BEDDING EXISTS AT THE DISCRETION OF THE CITY OF APPLICABLE UTILITY DEPARTMENT. ALL OTHER FILL SHALL NOT HAVE ROCK LARGER THAN 6" IN DIAMETER.

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 - GENERAL:
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PAVEMENT MARKING & SIGNAGE:

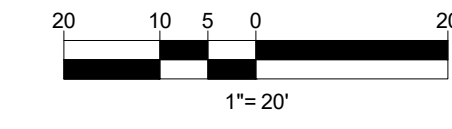
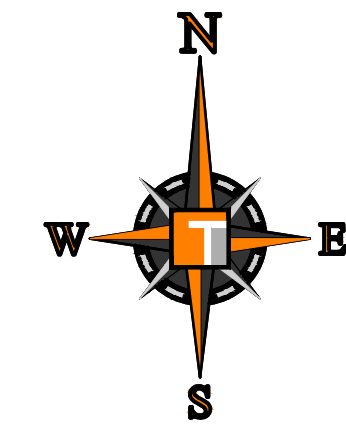
ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS,' LATEST EDITION; AND THE APPLICABLE JURISDICTIONS ENGINEERING STANDARDS.

POLLUTION PREVENTION:

- THE CONTRACTOR SHALL CONTINUOUSLY ENSURE THAT THE PERIMETER OF THE SITE, INCLUDING CONSTRUCTION EREAS, IS SECURED FROM ALLOWING DEBRIS TO LEAVE THE SITE DUE TO CONSTRUCTION ACTIVITY OR RAINFALL EVENTS. A WEEKLY LOG SHALL BE UPDATED AND KEPT ON-SITE IN ACCORDANCE WITH THE NPDES PERMIT. BY BIDDING DOCUMENTS CONTRACTOR ACKNOWLEDGES HE/SHE IS AWARE OF THE FORCE MAIN GUIDELINES AND POLICIES AS WELL AS BEST MANAGEMENT PRACTICES AND ASSUMES SOLE RESPONSIBILITY FOR FINES IMPOSED BY GOVERNMENTAL AGENCIES DUE TO VIOLATIONS.

PROJECT RECORD DOCUMENTS:

- DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL REPORT ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.
- ON COMPLETION OF DRAINAGE IMPROVEMENTS AND BASE COURSE PAVING (AND BEFORE PLACING ASPHALT PAVEMENT) THE CONTRACTOR SHALL FURNISH THE ENGINEER OF RECORD "AS-BUILT" PLANS FOR THESE IMPROVEMENTS, SHOWING THE LOCATIONS AND APPLICABLE GRADES OF ALL DRAINAGE INSTALLATIONS AND THE FINISHED GRADES OF THE ROAD CROWN OR INVERT AND EDGES OF PAVEMENT AT 50 FOOT INTERVALS, INCLUDING LOCATIONS AND ELEVATIONS OF ALL HIGH AND LOW POINTS.
- ON COMPLETION OF CONSTRUCTION, AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF ALL "AS-BUILT" CONTRACT DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONS OF THE ENGINEER.
- "AS-BUILT" INFORMATION OF GRAVITY SEWERS MUST CONTAIN LOCATION OF SERVICE LATERALS, STATIONING OF BOTH THE WYE, CLEAN-OUTS, AND THE SERVICE END MUST ALSO BE INCLUDED.
- "AS-BUILT" INFORMATION OF WATER DISTRIBUTION SYSTEMS MUST CONTAIN LOCATIONS OF ALL VALVES, FITTINGS, FIRE HYDRANTS, SERVICES AND APPURTENANCES. TOP OF PIPE ELEVATIONS ALONG THE WATER MAIN ARE REQUIRED AT INTERVALS OF 100 FEET (MAXIMUM).
- ALL "AS-BUILT" INFORMATION ON ELEVATIONS SHALL BE CERTIFIED BY A FLORIDA REGISTERED SURVEYOR/MAPPER.
- "AS-BUILTS" OF WATER LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - TOP OF PIPE ELEVATIONS EVERY 100 LF.
 - LOCATIONS AND ELEVATIONS OF ALL FITTINGS INCLUDING BENT, TEES, GATE VALVES, DOUBLE DETECTOR CHECK VALVES, FIRE HYDRANTS, ETC.
 - ALL THE INS TO EXISTING LINES SHALL BE "AS-BUILT".
 - THE ENDS OF ALL WATER SERVICES AT THE BUILDINGS OR HOMES SHALL BE "AS-BUILT" OR WHERE THE WATER SERVICE TERMINATES.
- "AS-BUILTS" OF ALL GRAVITY SANITARY SEWER LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - RIMS, INVERTS AND LENGTH OF PIPING BETWEEN STRUCTURES AS WELL AS SLOPES.
 - THE SUB ENDS OF ALL SEWER LATERALS SHALL BE LOCATED, AND IF THERE ARE ANY CLEANOUTS INSTALLED ON THE SEWER LATERALS, THE TOP OF CASING ELEVATION OF THESE CLEANOUTS NEED TO BE OBTAINED.
 - LIFT STATION "AS-BUILTS" SHALL CONSIST OF:
 - TOP OF WET WELL ELEVATION
 - INVERT ELEVATION OF THE INCOMING LINE
 - BOTTOM OF THE WET WELL
 - "AS-BUILTS" OF THE COMPOUND AREA
 - FORCE MAIN "AS-BUILTS" SHALL BE PREPARED THE SAME AS THE WATER LINE "AS-BUILTS".
 - "AS-BUILTS" OF ALL DRAINAGE LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - RIMS, INVERTS AND LENGTH OF PIPING BETWEEN STRUCTURES AND WEIR ELEVATIONS IF APPLICABLE.
 - THE SIZE OF THE PIPING SHALL BE VERIFIED BY THE SURVEY CREW AT THE TIME OF "AS-BUILT".
 - DRAINAGE WELL STRUCTURE "AS-BUILTS" SHALL INCLUDE, BUT NOT BE LIMITED TO: TOP OF CASING ELEVATION, TOP AND BOTTOM ELEVATIONS OF THE BAFFLE WALLS, RIM ELEVATIONS AND INVERTS OF PIPING.
 - ALL ROCK "AS-BUILTS" FOR PARKING LOT AREAS SHALL CONSIST OF THE FOLLOWING:
 - ROCK ELEVATIONS AT ALL HIGH AND LOW POINTS, AND AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY.
 - ROCK "AS-BUILTS" SHALL BE TAKEN AT ALL LOCATIONS WHERE THERE IS A FINISH GRADE ELEVATION SHOWN ON THE DESIGN PLANS.
 - ALL CATCH BASIN AND MANHOLE RIM ELEVATIONS SHALL BE SHOWN.
 - ELEVATIONS AROUND ISLAND AREAS WILL ALSO BE REQUIRED.
 - WHERE CONCRETE IS TO BE USED AS A FINISHED PRODUCT FOR THE ROADWAY OR PARKING LOT ROCK "AS-BUILTS" WILL BE REQUIRED AS INDICATED ABOVE, AS WELL AS "AS-BUILTS" ON THE FINISHED CONCRETE AT LOCATIONS WHERE THERE IS A FINISH GRADE ELEVATION SHOWN ON THE DESIGN PLANS.
 - "AS-BUILTS" SHALL BE TAKEN ON ALL PAVED AND UNPAVED SWALES, PRIOR TO PLACEMENT OF ASPHALT OR TOPSOIL/SOD, AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY AND CONFORMANCE TO THE PLAN DETAILS.
 - ON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS, "AS-BUILTS", ON FULL SIZE, 2



DISTRICT REQUIREMENTS & GENERAL NOTES

APPLICANT/OWNER: HARBOR FEDERAL SAVINGS BANK
 % NATIONAL TAX SEARCH, LLC
 130 S. JEFFERSON STREET, SUITE 300
 CHICAGO, IL 60661
 PHONE: (772) 293-6174

JURISDICTION: CITY OF FORT PIERCE

PARCEL NO.: 2415-343-0001-000-1 & 2415-344-0005-000-2

FEMA FLOOD ZONE: ZONE X PER FLOOD PANEL 12111C0187K, DATED 2/19/2020

LAND USE INFORMATION:
 CURRENT USE: FINANCIAL / TAX SERVICES
 PROPOSED USE: FINANCIAL / TAX SERVICES
 FUTURE LAND USE DESIGNATION: GC - GENERAL COMMERCIAL
 ZONING DESIGNATION: C3 - GENERAL COMMERCIAL

DEVELOPMENT STANDARDS:

| | REQUIRED | PROPOSED |
|--------------------------|----------|----------|
| MIN. LOT AREA (S.F.) | 10,000 | 60,639 |
| MIN. LOT FRONTAGE (FEET) | 70 | 186.55 |
| MIN. LOT DEPTH (FEET) | 90 | 316.53 |
| MIN. SET BACKS: | | |
| FRONT - EAST (FEET) | 25 | 127.81 |
| SIDE - NORTH (FEET) | 15 | 57.58 |
| SIDE - SOUTH (FEET) | 15 | 31.98 |
| REAR - WEST (FEET) | 15 | 146.70 |
| MAX. HEIGHT (FEET) | 65' | 35' |
| MAX. FAR (RATIO) | 0.60 | 0.196 |

SITE AREA:

| | EXISTING | | | PROPOSED | | | CHANGE | | | |
|------------------|----------|-------|-------|----------|-------|-------|--------|-------|-----|------|
| | S.F. | ACRES | % | S.F. | ACRES | % | S.F. | ACRES | % | |
| IMPERVIOUS: | | | | | | | | | | |
| BUILDING | 5,458 | 0.13 | 9.0% | 5,458 | 0.13 | 9.0% | (+) | 0.0 | (+) | 0.0 |
| PAVEMENT / WALKS | 38,837 | 0.89 | 64.1% | 38,363 | 0.88 | 63.3% | (-) | 474 | (-) | 0.01 |
| TOTAL | 44,295 | 1.02 | 73.0% | 43,822 | 1.01 | 72.3% | (-) | 474 | (-) | 0.01 |
| PERVIOUS: | 16,344 | 0.38 | 27.0% | 16,818 | 0.39 | 27.7% | (+) | 474 | (+) | 0.01 |

PARKING TABLE

| REQUIRED PARKING | USE | RATE | SPACES |
|--|------------------------|------|--------|
| FINANCE & INSURANCE (11,909 S.F. G.F.A) | 1 SPACE PER 300 SF GFA | | 40 |
| TOTAL REQUIRED PARKING | | | 40 |
| TOTAL REQUIRED ADA PARKING (PER F.B.C. 11-4.1.2) | | | 2 |

EXISTING PARKING

| USE | STANDARD SPACES | ADA SPACES | TOTAL SPACES |
|---|-----------------|------------|--------------|
| FINANCE & INSURANCE (11,980 S.F. G.F.A) | 37 | 2 | 39 |
| TOTAL EXISTING PARKING | 37 | 2 | 39 |

PROVIDED PARKING

| USE | STANDARD SPACES | ADA SPACES | TOTAL SPACES |
|---|-----------------|------------|--------------|
| FINANCE & INSURANCE (11,980 S.F. G.F.A) | 37 | 2 | 39 |
| TOTAL PROVIDED PARKING | 37 | 2 | 39 |

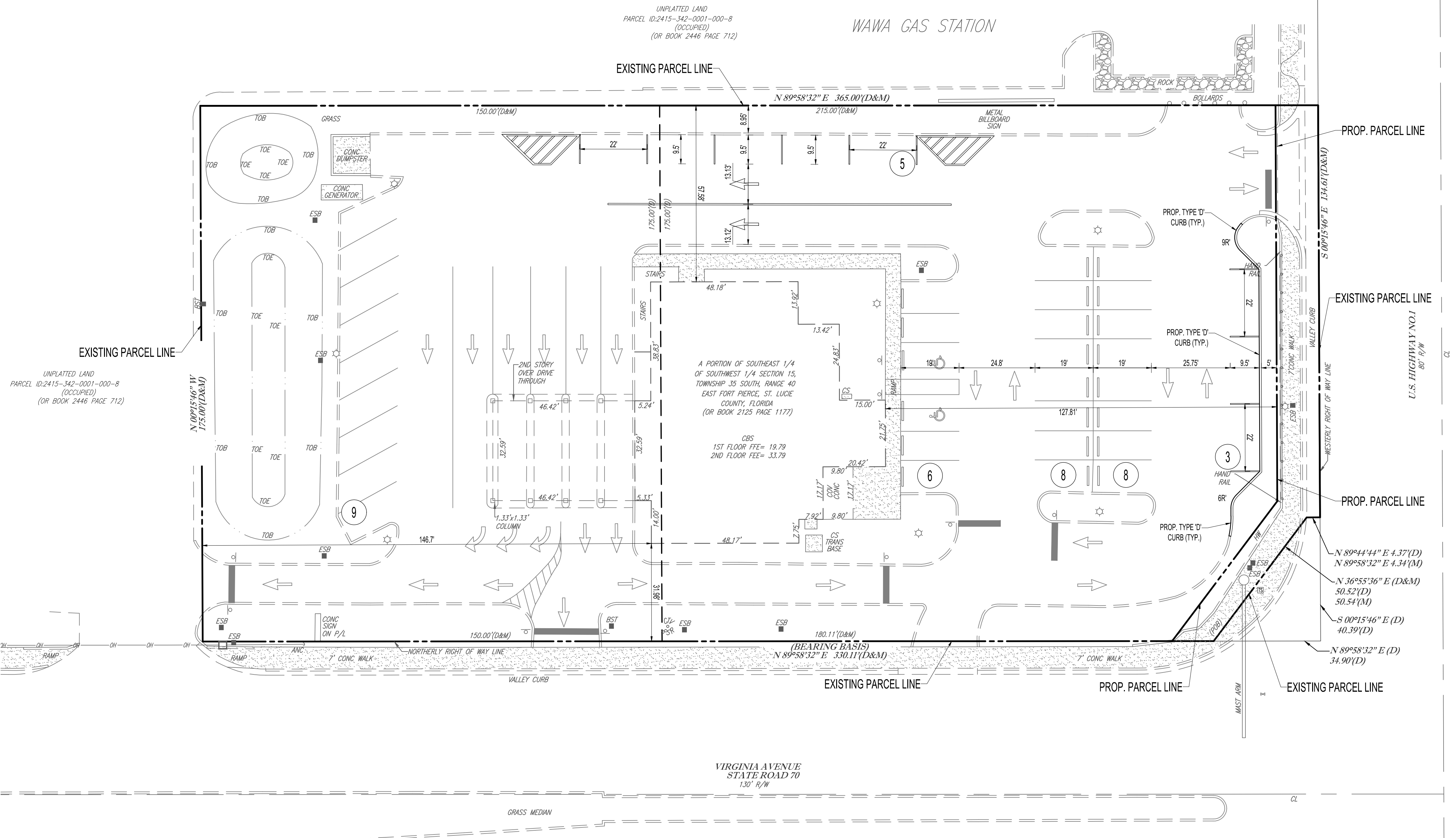
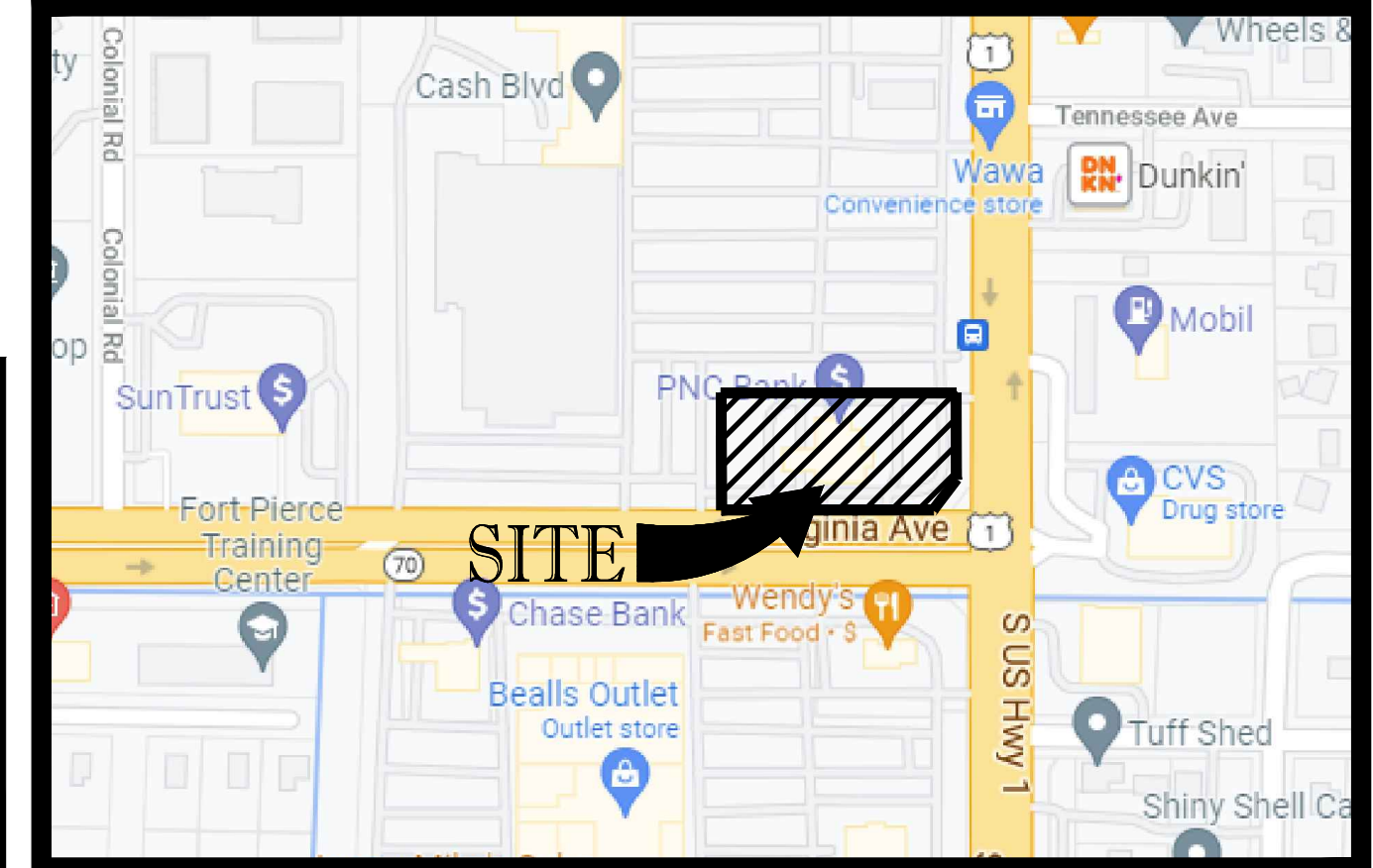
LOADING ZONE:
 REQUIRED: N/A

BICYCLE PARKING:
 REQUIRED: 1 SPACE PER 10 MOTOR VEHICLE SPACES; 2 MINIMUM - 4 REQUIRED
 PROVIDED: 0 SPACES

NOTES:
 1. ALL CONSTRUCTION SHALL COMPLY WITH SECTIONS 17 AND 22 OF THE CITY OF FORT PIERCE CODE OF ORDINANCES.

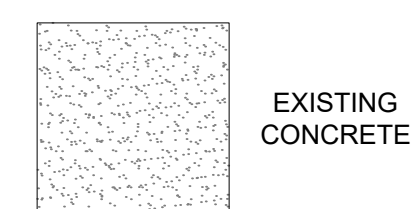
LOCATION MAP

SCALE: 1" = 500'



LEGAL DESCRIPTION:
 THE WEST 150 FEET OF THE EAST 365 FEET OF THE NORTH 175 FEET OF THE SOUTH 305 FEET TOGETHER WITH THE EAST 215 FEET OF THE NORTH 175 FEET OF THE SOUTH 305 FEET OF THAT PART OF THE SE 1/4 OF SECTION 15, TOWNSHIP 35 SOUTH, RANGE 40 EAST, LYING WEST OF THE RIGHT-OF-WAY LINE OF SOUTH FOURTH STREET (U.S. HIGHWAY NO. 1) IN THE CITY OF FORT PIERCE, ST. LUCIE COUNTY, FLORIDA.
 AS RECORDED IN OFFICIAL RECORD BOOK 179, PAGE 104, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.
 LESS AND EXCEPTING THE FOLLOWING:
 THAT PART OF THE EAST 215 FEET OF THE NORTH 175 FEET OF THE SOUTH 305 FEET OF THAT PART OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 35 SOUTH, RANGE 40 EAST (LYING WEST OF THE WEST RIGHT-OF-WAY LINE OF SOUTH FOURTH STREET U.S. HIGHWAY NO. 1), SAID PART BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCE AT THE SET BACK SPIKE WHICH IS LOCATED AT THE INTERSECTION OF BASELINE OF SURVEY FOR STATE ROAD 70 (VIRGINIA AVENUE) WITH THE BASELINE OF SURVEY FOR STATE ROAD 5 (U.S. HIGHWAY FOURTH STREET); THENCE SOUTH 89°58'32" WEST ALONG SAID BASELINE IN STATE ROAD 70 A DISTANCE OF 75.10 FEET; THENCE NORTH 00°01'28" WEST A DISTANCE OF 50 FEET TO THE NORTHERLY EXISTING RIGHT OF WAY LINE FOR STATE ROAD 70 (VIRGINIA AVENUE) AND THE POINT OF BEGINNING; THENCE NORTH 36°55'36" EAST A DISTANCE OF 50.52 FEET; THENCE NORTH 89°44'44" EAST A DISTANCE OF 4.37 FEET TO THE WESTERLY EXISTING RIGHT OF WAY LINE FOR STATE ROAD 5; THENCE SOUTH 00°15'46" EAST ALONG SAID WESTERLY EXISTING RIGHT OF WAY LINE A DISTANCE OF 40.39 FEET TO THE SAID NORTHERLY EXISTING RIGHT OF WAY LINE FOR STATE ROAD 70; THENCE SOUTH 89°58'32" WEST ALONG SAID NORTHERLY RIGHT OF WAY LINE A DISTANCE OF 34.90 FEET TO THE POINT OF BEGINNING. AS RECORDED IN OFFICIAL RECORDS BOOK 684, PAGE 1334, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

HATCH LEGEND



THOMAS ENGINEERING GROUP
 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

4850 W. KENNEDY BLVD.
 TAMPA, FL 33609
 P: 813-278-4100

125 W. INDIANTOWN RD.
 JUPITER, FL 33488
 P: 561-203-7603

REVISIONS

| REV. | DATE | COMMENT | BY |
|------|------|---------|----|
| | | | |

Sunshine 811
 Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
 Check positive response codes before you dig!

FORT PIERCE DEVELOPMENT REVIEW MINOR AMENDMENT SUBMITTAL SET

PROJECT No.: F210111
 DRAWN BY: JVF
 CHECKED BY: ROT
 DATE: 02/10/2022
 CAD I.D.: F210111 SITE

PROJECT:
500 VIRGINIA AVENUE
 FOR
PNC BANK
 FORT PIERCE FLORIDA

THOMAS ENGINEERING GROUP
 6300 NW 31ST AVENUE
 FORT LAUDERDALE, FL 33309
 PH: (954) 202-7000
 FX: (954) 202-7070
 www.ThomasEngineeringGroup.com

RYAN OSCAR THOMAS
 PROFESSIONAL ENGINEER
 FLORIDA LICENSE No. 53891

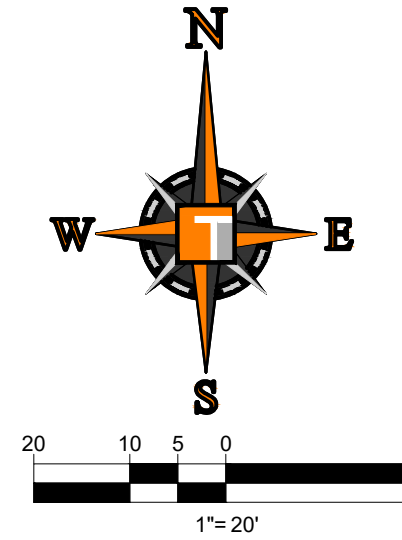
February 23, 2022
 FLORIDA BUSINESS CERT. OF AUTH. No. 27528
 SHEET TITLE:
SITE PLAN
 SHEET NUMBER:
C-5.0

CONSTRUCTION NOTES:

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF FORT PIERCE & FDOT STANDARDS AND SPECIFICATIONS.
- CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. SIDEWALK, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
- CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED.
- CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
- CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY & COUNTY DESIGN STANDARDS.
- CONTRACTOR TO SO D ALL DISTURBED AREAS. SO DING INCLUDES MAINTAINING SLOPE AND SO D UNTIL COMPLETION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST.
- ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
- THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HISHER CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
- NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION.
- PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS.
- THE CONTRACTOR SHALL NOT ENCR OACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.
- THE EXISTING UNDERGROUND UTILITIES SHOWN ARE PER ABOVE GROUND SURVEY DATA AND UTILITY AS-BUILT DATA. THIS INFORMATION DOES NOT WARRANT EXACT SIZE AND LOCATION OF THE UTILITIES. ALSO, THERE MAY BE ADDITIONAL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION THAT MAY BE AFFECTED. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING EXISTING UTILITIES DURING THE COURSE OF CONSTRUCTION.

- PLEASE SEE MEP PLANS FOR CONTINUATION OF ROOF LEADERS.
- 2.0% MAXIMUM SLOPE ON HANDICAP SPACES AND ADA ACCESS WAYS.
- ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 1.5%.
- EXISTING COVER MUST BE MAINTAINED ON ALL WATER AND SANITARY LINES.
- EXISTING SEWER MUST REMAIN FREE FROM CONSTRUCTION DEBRIS AND FLOW MUST BE MAINTAINED.
- NO STRUCTURES SHALL BE ALLOWED IN UTILITY EASEMENT.
- ALL UNSTABLE MATERIALS SUCH AS MUCK, PEAT, PLASTIC CLAYS, AND/OR MARLS SHALL BE REMOVED FROM ROADBED AREAS. THE AREA SHALL THEN BE BACKFILLED ACCORDING TO THE GEOTECH REPORT.

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).



PAVING, GRADING & DRAINAGE LEGEND

| EXISTING NOTE | TYPICAL NOTE TEXT | PROPOSED NOTE |
|---------------|---|---------------|
| W | UNDERGROUND WATER LINE | W |
| E | UNDERGROUND ELECTRIC LINE | E |
| T | UNDERGROUND TELEPHONE LINE | T |
| S | STORM SEWER | S |
| S | SANITARY SEWER MAIN | S |
| OH | OVERHEAD WIRE | OH |
| OH | OVERHEAD TRAFFIC WIRE | OH |
| SL | SANITARY SEWER LATERAL | SL |
| S | SANITARY MANHOLE | S |
| D | STORM MANHOLE | D |
| C | CATCH BASIN | C |
| W | WATER METER | W |
| O | CLEAN OUT | O |
| X | GRADE SPOT SHOT (BOTTOM ELEVATION IF AT CURB) | X |
| X | TOP OF CURB | X |
| X | BOTTOM OF CURB | X |

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 F: 813-379-5003
 WWW.THOMASENGINEERINGGROUP.COM

REVISIONS

| REV. | DATE | COMMENT | BY |
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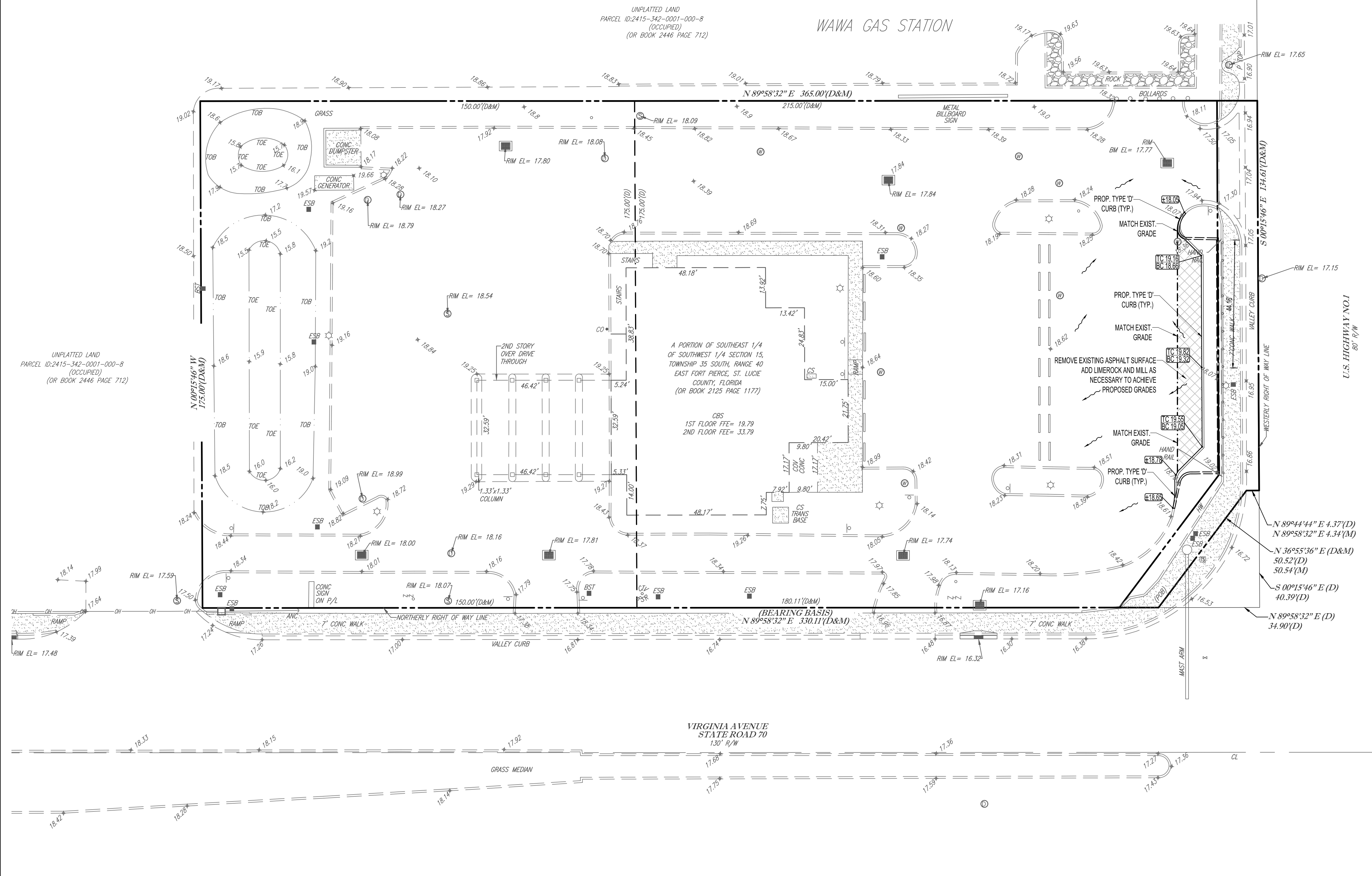
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RYAN OSCAR THOMAS
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 FLORIDA LICENSE No. 53891
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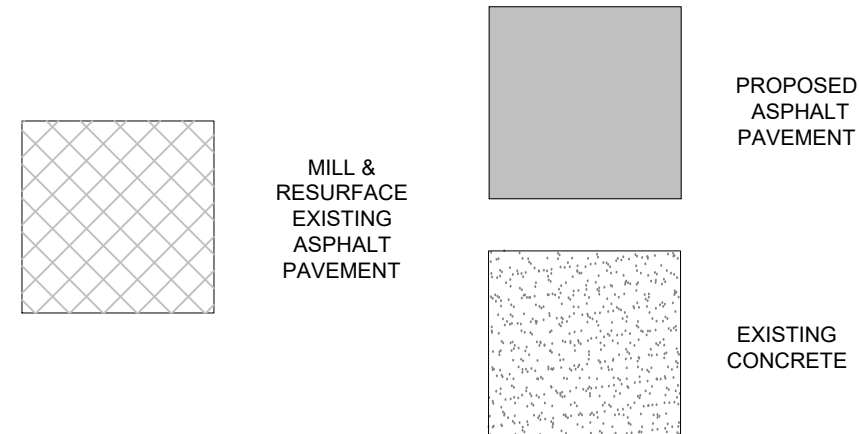
SHEET TITLE:
PAVING, GRADING & DRAINAGE PLAN
 SHEET NUMBER:
C-6.0



UNPLATTED LAND
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 (OCCUPIED)
 (OR BOOK 2446 PAGE 712)

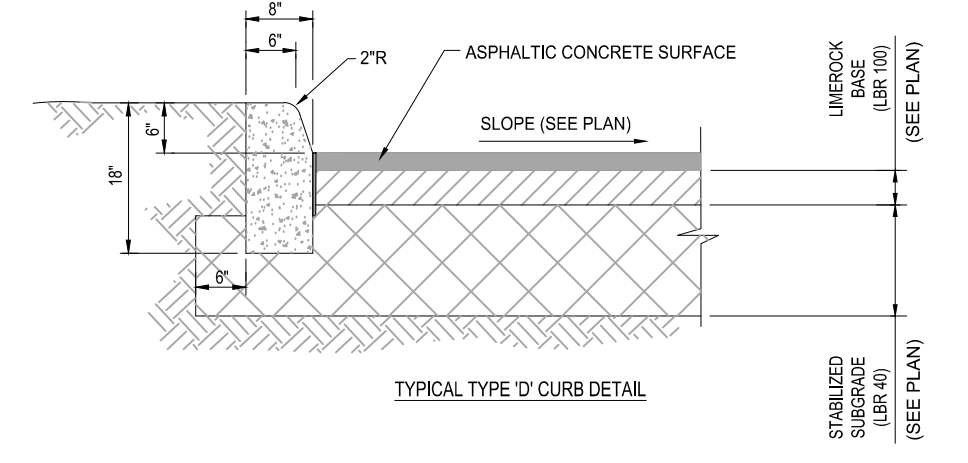
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HATCH LEGEND



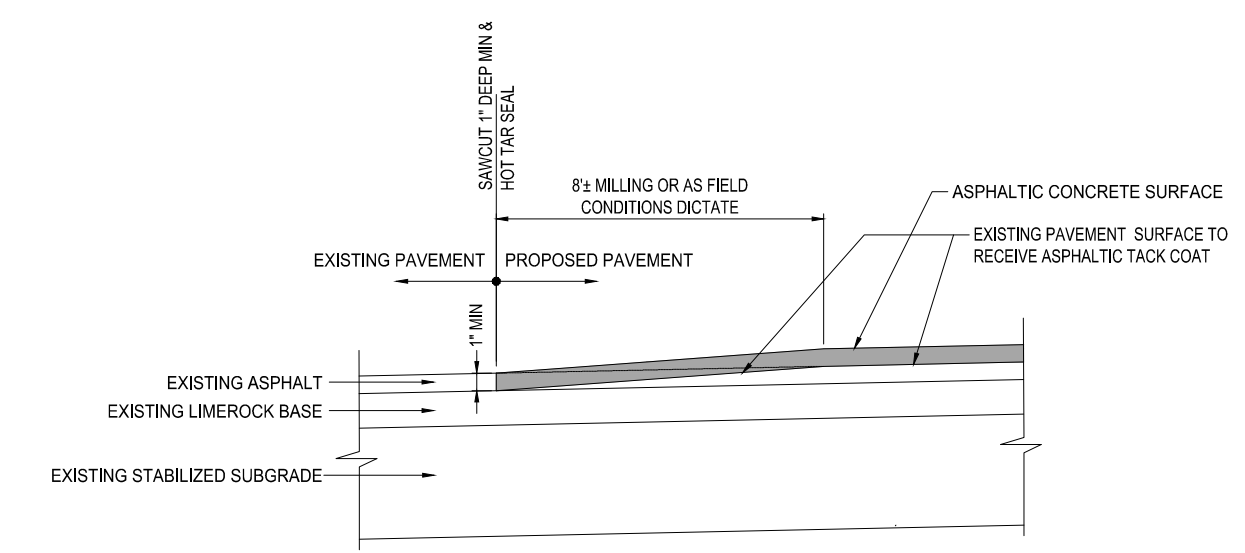
1 TYPE 'D' CURB DETAIL

SCALE: NONE



2 PAVEMENT SAWCUT/MILLING DETAIL

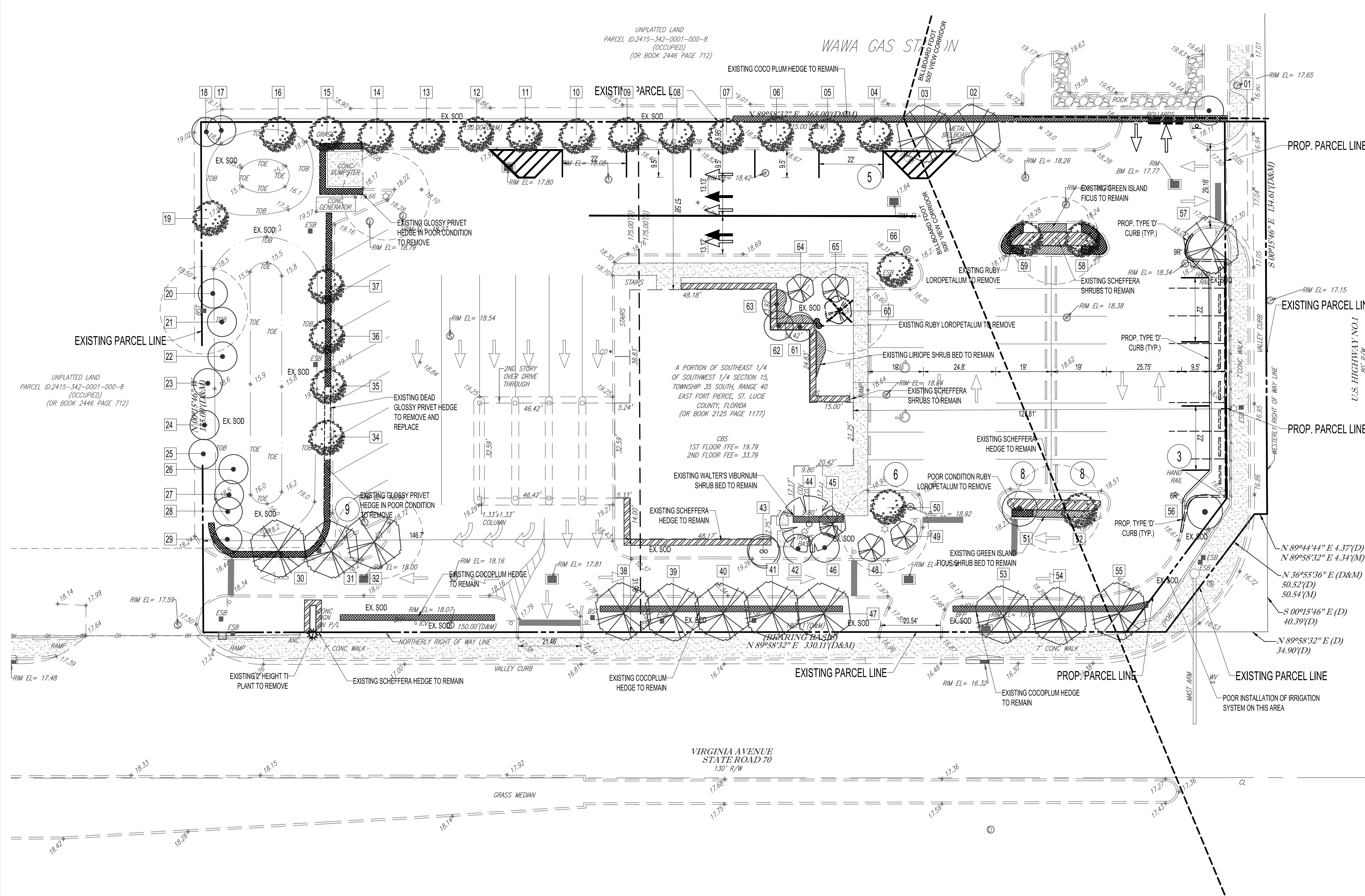
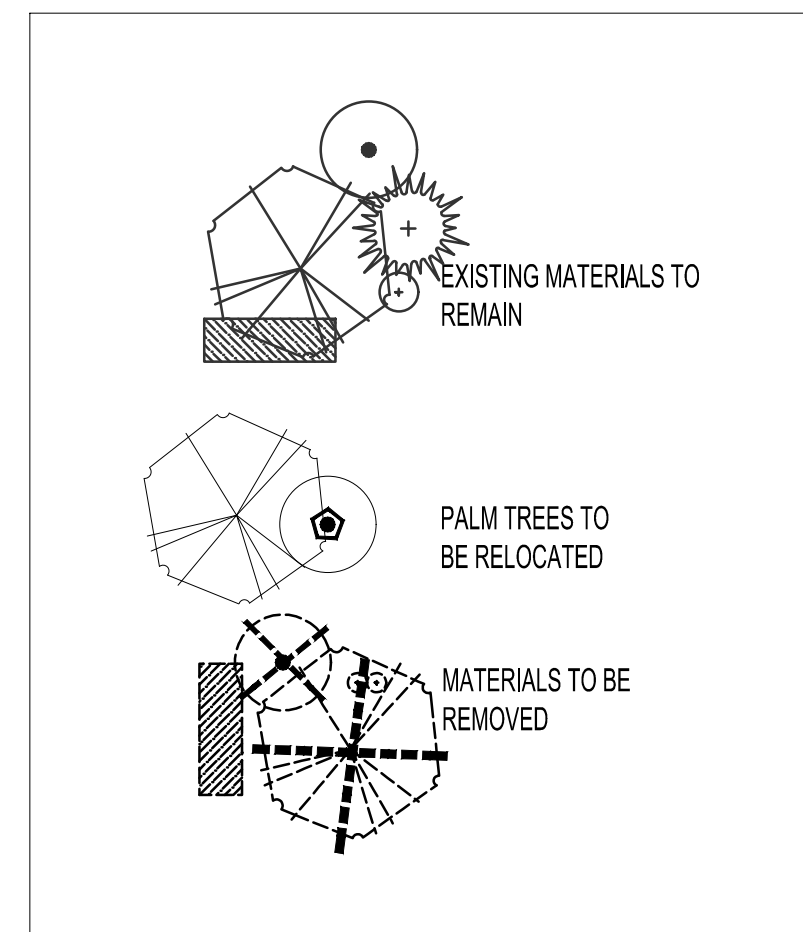
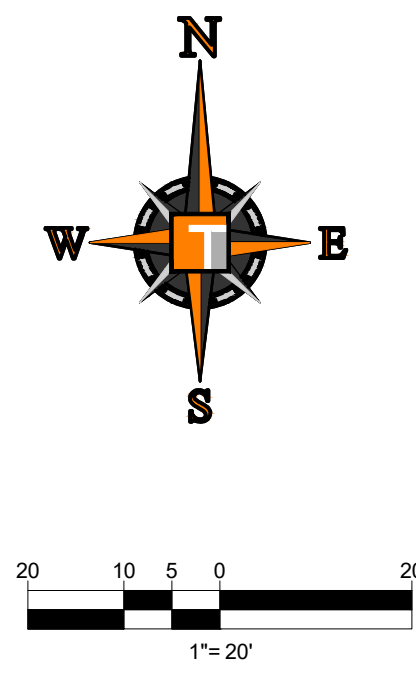
SCALE: NONE



ANY PERVIOUS AREA TO REMAIN THAT IS DISTURBED BY CONSTRUCTION & IS NOT NOTED ON THE LANDSCAPE PLAN TO HAVE SHRUBS OR GROUND COVER SHALL BE SODDED

ALL EXISTING INVASIVE & EXOTIC SPECIES, SHRUBS, & GROUND COVER NOT SHOWN ON THIS PLAN SHALL BE REMOVED FROM SITE

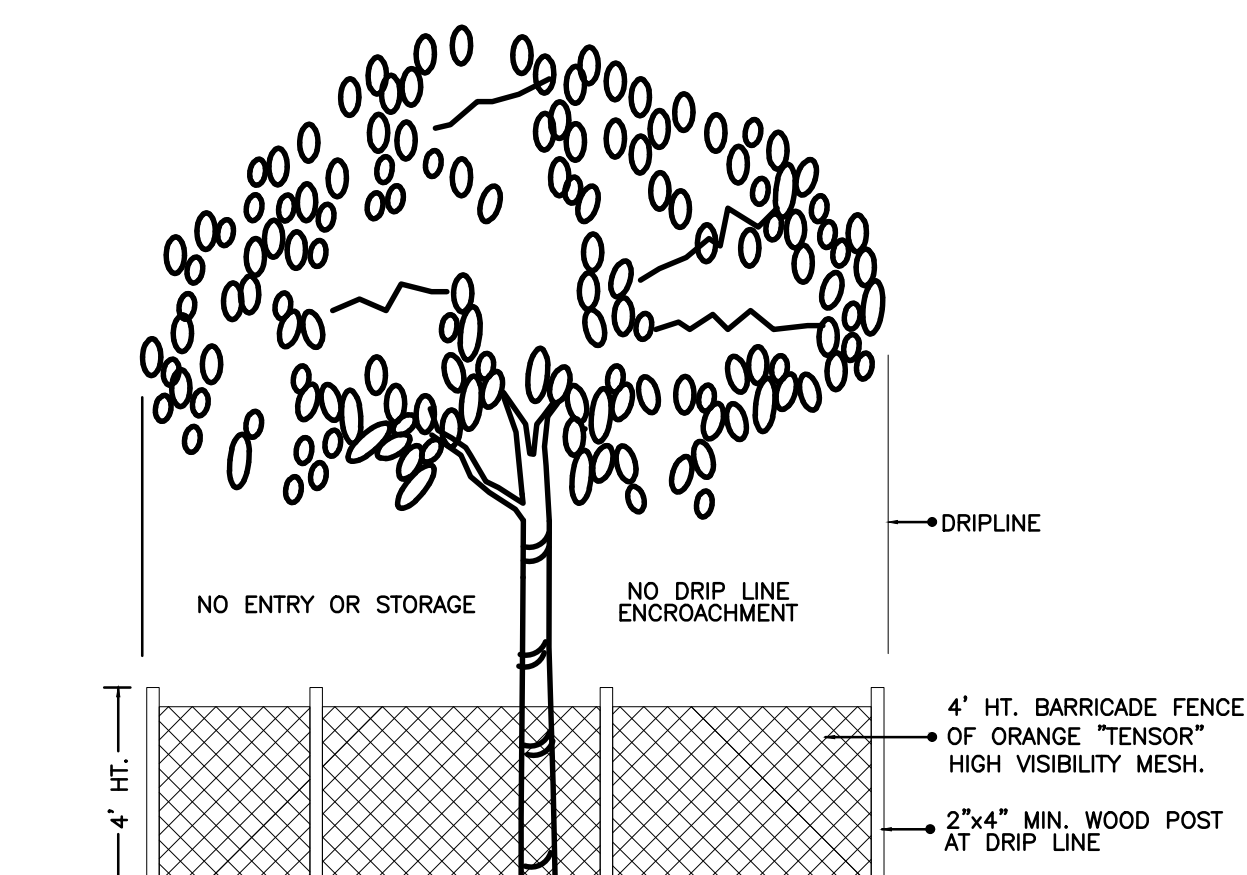
REFER TO SHEET L-1.1 FOR DISPOSITION CHART AND SHEET L-2.0 FOR LANDSCAPE PLAN AND PLANTING SCHEDULE.



THIS PLAN WAS PREPARED BY ISA CERTIFIED ARBORIST, MICHAEL GROSSWIRTH, FL-9157A, AND SHALL SERVE AS THE ARBORIST'S REPORT FRO THIS PROJECT.

EXISTING TREE NOTES:

1. Contractor is responsible for determining all utility locations and installing facilities so as to not conflict. All damage to existing utilities or improvements caused by Contractor shall be repaired at no additional cost to the Owner.
2. Contractor to notify "Sunshine State One Call of Florida, Inc." at 1-800-432-4710 Two Full Business Days prior to digging for underground utility locations.
3. Contractor shall be responsible for providing final grading of all associated planting areas.
4. After final grade, area to be raked to 6" depth and all rock and foreign inorganic materials removed and disposed of properly off-site.
5. No plant material will be accepted showing evidence of cable, chain marks, equipment scars, or otherwise damaged.
6. Plant material will not be accepted when the ball of earth surrounding its roots has been cracked, broken or otherwise damaged.
7. Root-prune all trees a minimum of (8) weeks prior to planting.
8. Tree protection barricades shall be provided by Landscape Contractor around existing trees that may be impacted by the proposed construction. Prior to any construction a tree protection barricade inspection shall be conducted by the landscape architect, owner or governing municipality. Refer to landscape detail for tree preservation barricade fencing.
9. In all pedestrian areas, all trees and palms shall be maintained to allow for clear passage at an 8 foot clear trunk.



LEGAL DESCRIPTION:
 THE WEST 150 FEET OF THE EAST 365 FEET OF THE NORTH 175 FEET OF THE SOUTH 305 FEET TOGETHER WITH THE EAST 215 FEET OF THE NORTH 175 FEET OF THE SOUTH 305 FEET OF THAT PART OF THE SE 1/4 OF SECTION 15, TOWNSHIP 35 SOUTH, RANGE 40 EAST, LYING WEST OF THE RIGHT-OF-WAY LINE OF SOUTH FOURTH STREET (U.S. HIGHWAY NO. 1) IN THE CITY OF FORT PIERCE, ST. LUCIE COUNTY, FLORIDA.
 AS RECORDED IN OFFICIAL RECORD BOOK 179, PAGE 104, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.
 LESS AND EXCEPTING THE FOLLOWING:
 THAT PART OF THE EAST 215 FEET OF THE NORTH 175 FEET OF THE SOUTH 305 FEET OF THAT PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 35 SOUTH, RANGE 40 EAST (LYING WEST OF THE WEST RIGHT OF WAY LINE OF SOUTH FOURTH STREET U.S. HIGHWAY NO.1), SAID PART BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCE AT THE SET BOLT SPIKE WHICH IS LOCATED AT THE INTERSECTION OF BASELINE OF SURVEY FOR STATE ROAD 70 (VIRGINIA AVENUE) WITH THE BASELINE OF SURVEY FOR STATE ROAD 5 (U.S. 1) (SOUTH FOURTH STREET); THENCE SOUTH 89°58'32" WEST ALONG SAID BASELINE IN STATE ROAD 70 A DISTANCE OF 75.10 FEET; THENCE NORTH 00°01'28" WEST A DISTANCE OF 50 FEET TO THE NORTHERLY EXISTING RIGHT OF WAY LINE FOR STATE ROAD 70 (VIRGINIA AVENUE) AND THE POINT OF BEGINNING; THENCE NORTH 36°55'36" EAST A DISTANCE OF 50.52 FEET; THENCE NORTH 89°44'44" EAST A DISTANCE OF 4.37 FEET TO THE WESTERLY EXISTING RIGHT OF WAY LINE FOR STATE ROAD 5; THENCE SOUTH 00°15'46" EAST ALONG SAID WESTERLY EXISTING RIGHT OF WAY LINE A DISTANCE OF 40.39 FEET TO THE SAID NORTHERLY EXISTING RIGHT OF WAY LINE FOR STATE ROAD 70; THENCE SOUTH 89°58'32" WEST ALONG SAID NORTHERLY RIGHT OF WAY LINE A DISTANCE OF 34.90 FEET TO THE POINT OF BEGINNING. AS RECORDED IN OFFICIAL RECORDS BOOK 684, PAGE 1334, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

THOMAS ENGINEERING GROUP
 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
 4850 W. KENNEDY BLVD.
 SUITE 200
 TAMPA, FL 33609
 P: 813-257-4100
 F: 813-257-4101
 WWW.THOMASENGINEERINGGROUP.COM

| REVISIONS | | | |
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| REV. | DATE | COMMENT | BY |
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Sunshine 811
 Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
 Check positive response codes before you dig!
FORT PIERCE DEVELOPMENT REVIEW MINOR AMENDMENT SUBMITTAL SET

| | |
|--------------|---------------------|
| PROJECT No.: | F210111 |
| DRAWN BY: | LD |
| CHECKED BY: | MDG |
| DATE: | 02/10/2022 |
| CAD I.D.: | F210111 DISPOSITION |

500 VIRGINIA AVENUE
 FOR
PNC BANK
 FORT PIERCE FLORIDA

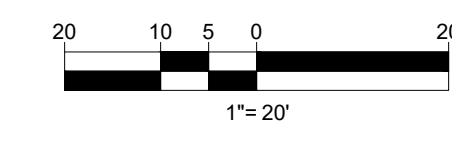
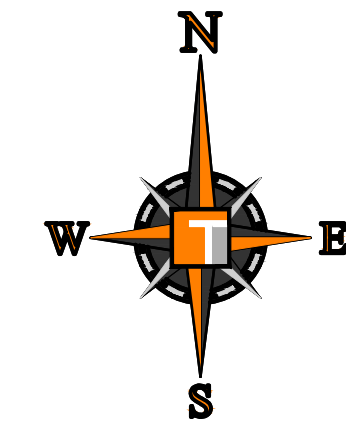
THOMAS ENGINEERING GROUP
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 FORT LAUDERDALE, FL 33309
 PH: (954) 202-7000
 FX: (954) 202-7070
 www.ThomasEngineeringGroup.com

REGISTERED LANDSCAPE ARCHITECT
 MICHAEL D. GROSSWIRTH
 LA 6686871
 STATE OF FLORIDA
 February 23, 2022
 FLORIDA BUSINESS CERT. OF AUTH. No. 27528

DISPOSITION PLAN
 SHEET NUMBER:
L-1.0

PLANT SCHEDULE

| TREES | QTY | COMMON NAME | BOTANICAL NAME | SPECIFICATIONS | CAL/DBH | HEIGHT | SPREAD | NATIVE | XERIC | REMARKS | |
|---------------|-----|----------------------|---------------------------------|----------------|----------|-----------|--------|--------|--------|----------------------|-------------|
| LI | 2 | Crape Myrtle | Lagerstroemia indica 'Tuskegee' | B & B | 2.5" DBH | 12' Ht | 5-6' | No | High | 5' CT | |
| MG | 11 | Magnolia "Blanchard" | Magnolia grandiflora | B & B | 2.5" DBH | 12' Ht | 5-6' | Yes | High | 6' CT | |
| QV | 2 | Southern Live Oak | Quercus virginiana | B & B | 3" DBH | 16' Ht | 5-6' | Yes | High | 5.5' CT | |
| PALM TREES | QTY | COMMON NAME | BOTANICAL NAME | SPECIFICATIONS | CAL/DBH | HEIGHT | SPREAD | NATIVE | XERIC | REMARKS | |
| WP | 2 | Washingtonia robusta | Washington Palm | B & B | | 18-22' oa | 10' | Yes | High | | |
| SHRUBS | QTY | COMMON NAME | BOTANICAL NAME | SPECIFICATIONS | SPACING | HEIGHT | SPREAD | NATIVE | XERIC | REMARKS | |
| CES | 23 | Silver Button Wood | Conocarpus erectus sericeus | NA | 24" | 36" | 24" | Yes | High | full to base | |
| CHH | 250 | Red Tip Coccoloba | Chrysobalanus icaco 'Red Tip' | NA | 24" | 36" | 24" | Yes | High | Full to base | |
| LJM | 6 | Japanese Privet | Ligustrum japonicum | 45 gal | | 6-7' Ht | 4-5' | No | High | 3' clear multi-trunk | |
| SHRUB AREAS | QTY | COMMON NAME | BOTANICAL NAME | SPECIFICATIONS | SPACING | HEIGHT | SPREAD | NATIVE | XERIC | SPACING | REMARKS |
| FIM | 31 | Green Island Ficus | Ficus microcarpa | n/a | 16" | 16" | 20" | No | Medium | 24" o.c. | Full |
| GROUND COVERS | QTY | COMMON NAME | BOTANICAL NAME | SPECIFICATIONS | SPACING | HEIGHT | SPREAD | NATIVE | XERIC | SPACING | REMARKS |
| HY2 | 51 | Spider Lily | Hymenocallis latifolia | n/a | 18" | 14-16" | 14-16" | Yes | High | 18" o.c. | |
| LIR | 74 | Variegated Lily Turf | Liriope muscari 'Variegata' | n/a | 18" | 12-14" | 10-12" | No | High | 18" o.c. | Full clumps |



DISTRICT REQUIREMENTS & GENERAL NOTES

APPLICANT/OWNER: HARBOR FEDERAL SAVINGS BANK
 % NATIONAL TAX SEARCH, LLC
 130 S. JEFFERSON STREET, SUITE 300
 CHICAGO, IL 60661
 PHONE: (772) 293-6174

JURISDICTION: CITY OF FORT PIERCE

PARCEL NO.: 2415-343-0001-000-1 & 2415-344-0005-000-2

FEMA FLOOD ZONE: ZONE X PER FLOOD PANEL 12111C0187K, DATED 2/19/2020

LAND USE INFORMATION:
 CURRENT USE: FINANCIAL / TAX SERVICES
 PROPOSED USE: FINANCIAL / TAX SERVICES
 FUTURE LAND USE DESIGNATION: GC - GENERAL COMMERCIAL
 ZONING DESIGNATION: C3 - GENERAL COMMERCIAL

| DEVELOPMENT STANDARDS: | REQUIRED | PROPOSED |
|---------------------------|----------|----------|
| MIN. LOT AREA (S.F.): | 10,000 | 60,639 |
| MIN. LOT FRONTAGE (FEET): | 70 | 186.55 |
| MIN. LOT DEPTH (FEET): | 90 | 316.53 |
| MIN. SET BACKS: | | |
| FRONT - EAST (FEET): | 25 | 127.81 |
| SIDE - NORTH (FEET): | 15 | 57.58 |
| SIDE - SOUTH (FEET): | 15 | 31.98 |
| REAR - WEST (FEET): | 15 | 146.70 |
| MAX. HEIGHT (FEET): | 65' | 35' |
| MAX. FAR (RATIO): | 0.60 | 0.196 |

| SITE AREA: | EXISTING | | PROPOSED | | CHANGE | |
|------------------|----------|-------|----------|-------|--------|--------|
| | S.F. | ACRES | S.F. | ACRES | % | ACRES |
| IMPERVIOUS: | | | | | | |
| BUILDING | 5,458 | 0.13 | 5,458 | 0.13 | 9.0% | (+0.0) |
| PAVEMENT / WALKS | 38,837 | 0.89 | 38,363 | 0.88 | 63.3% | (-474) |
| TOTAL | 44,295 | 1.02 | 43,822 | 1.01 | 72.3% | (-474) |
| PERVIOUS: | 16,344 | 0.38 | 16,818 | 0.39 | 27.7% | (+474) |

| REQUIRED PARKING | USE | RATE | SPACES |
|--|---------------------------|------|--------|
| FINANCE & INSURANCE (11,909 S.F. G.F.A.) | 1 SPACE PER 300 SF G.F.A. | | 40 |
| TOTAL REQUIRED PARKING | | | 40 |
| TOTAL REQUIRED ADA PARKING (PER F.B.C. 11-4.1.2) | | | 2 |

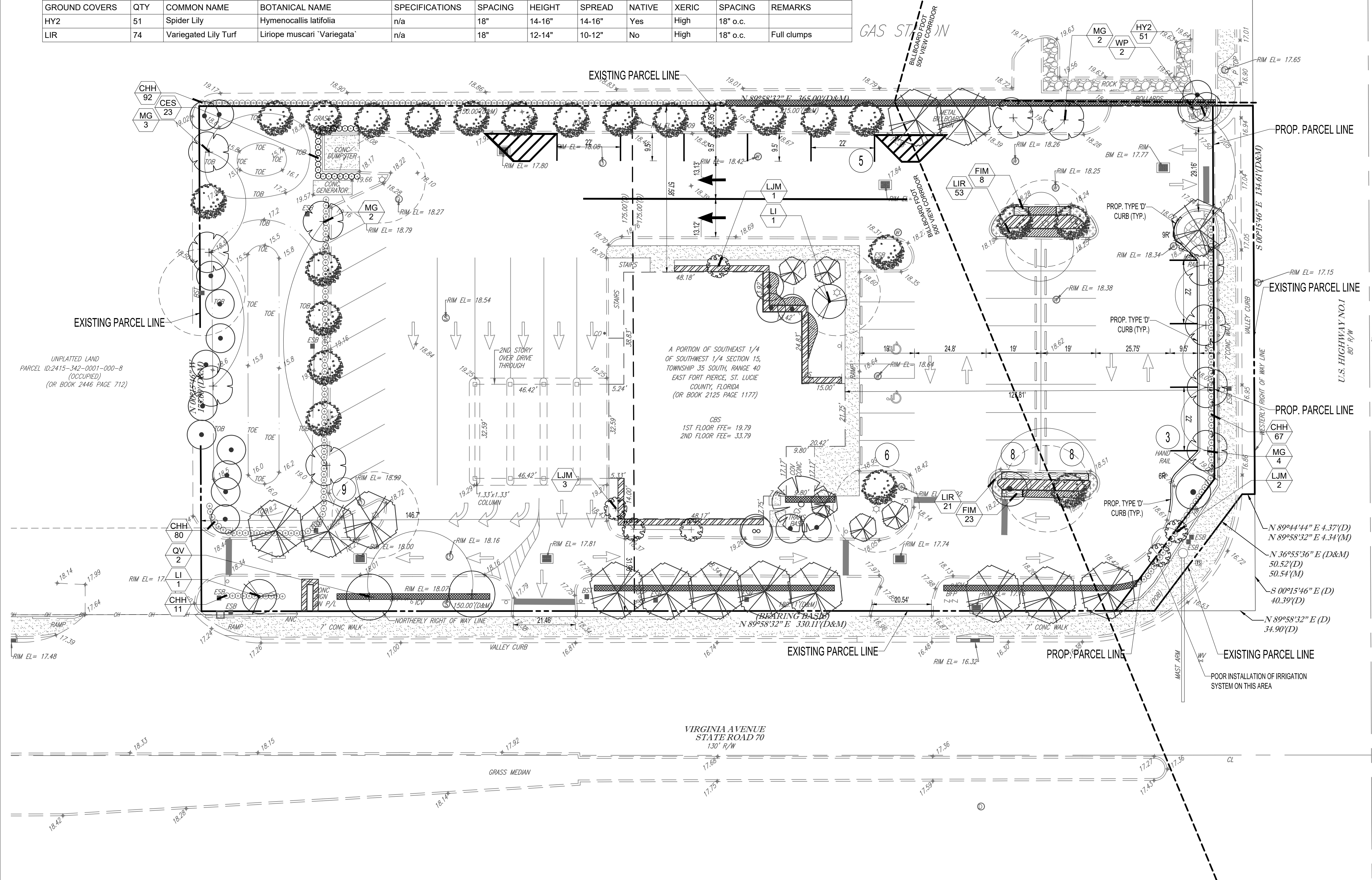
| EXISTING PARKING | USE | STANDARD SPACES | ADA SPACES | TOTAL SPACES |
|--|-----|-----------------|------------|--------------|
| FINANCE & INSURANCE (11,980 S.F. G.F.A.) | | 37 | 2 | 39 |
| TOTAL EXISTING PARKING | | 37 | 2 | 39 |

| PROVIDED PARKING | USE | STANDARD SPACES | ADA SPACES | TOTAL SPACES |
|--|-----|-----------------|------------|--------------|
| FINANCE & INSURANCE (11,980 S.F. G.F.A.) | | 37 | 2 | 39 |
| TOTAL PROVIDED PARKING | | 37 | 2 | 39 |

LOADING ZONE:
 REQUIRED: N/A

BICYCLE PARKING:
 REQUIRED: 1 SPACE PER 10 MOTOR VEHICLE SPACES; 2 MINIMUM - 4 REQUIRED
 PROVIDED: 0 SPACES

NOTES:
 1. ALL CONSTRUCTION SHALL COMPLY WITH SECTIONS 17 AND 22 OF THE CITY OF FORT PIERCE CODE OF ORDINANCES.



ALL TREES AND PALMS PLANTED SHALL BE SECURELY GUYED, BRACED, AND/OR STAKED AT THE TIME OF PLANTING UNTIL ESTABLISHMENT. ALL STABILIZATION SYSTEMS SHALL BE CLEARLY MARKED (FLAGGING, PAINTED, ETC.) TO PREVENT HAZARDS.

ALL MECHANICAL EQUIPMENT, BACKFLOW PREVENTERS, DUMPSTER ENCLOSURES, A/C UNITS, ETC., SHALL BE SCREENED IN ADDITION TO THE MINIMUM LANDSCAPE REQUIREMENTS.

REFER TO SHEET L-1.0 FOR DISPOSITION PLAN, SHEET L-2.1 FOR LANDSCAPE DETAILS AND SHEET L-2.2 FOR LANDSCAPE GENERAL NOTES.

ALL EXISTING INVASIVE & EXOTIC SPECIES, SHRUBS, & GROUND COVER NOT SHOWN ON THIS PLAN SHALL BE REMOVED FROM SITE

ANY PERVIOUS AREA TO REMAIN THAT IS DISTURBED BY CONSTRUCTION & IS NOT NOTED ON THE LANDSCAPE PLAN TO HAVE SHRUBS OR GROUND COVER SHALL BE SODDED

LEGAL DESCRIPTION:
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 TAMPA, FL 33609
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 F: 813-794-1001
 WWW.THOMASENGINEERINGGROUP.COM

| REV. | DATE | REVISIONS | BY |
|------|------|-----------|----|
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Sunshine 811
 Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
 Check positive response codes before you dig!

FORT PIERCE DEVELOPMENT REVIEW MINOR AMENDMENT SUBMITTAL SET

| | |
|--------------|---------------------|
| PROJECT NO.: | F210111 |
| DRAWN BY: | LD |
| CHECKED BY: | MDG |
| DATE: | 02/10/2022 |
| CAD I.D.: | F210111 DISPOSITION |

500 VIRGINIA AVENUE

FOR

PNC BANK

FORT PIERCE FLORIDA

THOMAS ENGINEERING GROUP
 6300 NW 31ST AVENUE
 FORT LAUDERDALE, FL 33309
 PH: (954) 202-7000
 FX: (954) 202-7070
 www.ThomasEngineeringGroup.com

REGISTERED LANDSCAPE ARCHITECT
 MICHAEL D. GROSEWORTH
 STATE OF FLORIDA
 February 23, 2022
 FLORIDA BUSINESS CERT. OF AUTH. NO. 27528

LANDSCAPE PLAN & PLANTING SCHEDULE

SHEET NUMBER:
L-2.0

LANDSCAPE GENERAL NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREBY SPECIFIED.

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL PLANTING AREAS OF THIS CONTRACT UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

1. ALL EXISTING CURBS, WALKS, WALLS, PAVING, PIPING, AND OTHER ITEMS OF CONSTRUCTION AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THIS CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS, EXISTING OR OTHERWISE, CAUSED BY CARELESS OPERATION OF EQUIPMENT, STOCKPILING OF MATERIALS, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP - LINE OR THE SPILLING OF OIL, GASOLINE, OR OTHER DEleterIOUS MATERIALS WITHIN THE DRIP - LINE.

2. NO MATERIALS SHALL BE BURNED WHERE THE HEAT WILL DAMAGE ANY PLANT, TREES KILLED OR DAMAGED SO THAT THEY ARE MISPLANNED AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY PERCENT (20%) PER INCH OVER FOUR INCHES (4") CALIPER AS FIXED AND AGREED UPON DURING DAMAGES, OR AS MAY BE REQUIRED BY THE REGULATING GOVERNMENT AGENCY, WHICHEVER IS GREATER. CALIPER SHALL BE MEASURED AT BREAST HEIGHT OR FOUR FEET (4') ABOVE SURROUNDING GROUND.

D. MATERIALS

1. SUBMITTALS: GENERAL SAMPLES OF PLANTING MATERIALS AS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON THE SITE OR AS OTHERWISE DETERMINED BY THE OWNER, UPON APPROVAL OF SAMPLES, DELIVERY OF MATERIALS MAY BEGIN.

MATERIALS SAMPLE SUBMITTALS

- MULCH ONE (1) CUBIC FOOT
- TOPSOIL ONE (1) CUBIC FOOT
- PLANTS ONE (1) REPRESENTATIVE SAMPLE OF EACH VARIETY

2. PLANT MATERIALS

A) GENERAL: PLANT SPECIES, SIZES, & QUANTITIES SHALL, AT A MINIMUM, CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH "GRADES AND STANDARDS FOR NURSERY PLANTS" PARTS 1 AND 1A, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA NO. 1 AS AN ABSOLUTE MINIMUM UNLESS OTHERWISE SUPERSEDED BY A FLORIDA FANCY DESIGNATION, AS DETERMINED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL - BRANCHED AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE, AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER, WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE OWNER.

B) MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE TOP OF ROOT BALL (TRUNK FLARE) AND/OR ACROSS THE AVERAGE SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

C) INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY. SUCH PRELIMINARY APPROVAL SHALL NOT SUPERSEDE THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF BALLS OR ROOTS, LATENT DEFECTS OR INJURIES, PRESENCE OF INSECTS, AND OTHER CONDITIONS THAT MAY HAVE OCCURRED SINCE THE NURSERY INSPECTION. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

D) AMENDED PLANTING SOIL: PLANTING SOIL FOR USE IN BACK FILLING PLANTING HOLES SHALL BE FORTY PERCENT (40%) TOPSOIL AND SIXTY PERCENT (60%) SAND AND BE FERTILE, FRIABLE AND OF A LOAMY CHARACTER, WITHOUT MUD, SUBSOIL MATERIALS, AND/OR DEBRIS FROM A WELL - DRAINED, ARABLE SITE. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND SHALL BE FREE FROM HEAVY CLAY, COARSE SAND, STONES, LIME, LUMPS, PLANTS, ROOTS OR OTHER FOREIGN MATERIALS, OR NOXIOUS WEEDS. IT SHALL NOT CONTAIN TOXIC SUBSTANCES WHICH MAY BE HARMFUL TO PLANT GROWTH. PH RANGE SHALL BE 5.0 TO 7.0 INCLUSIVE.

E) SAND SHALL BE CLEAN, WELL DRAINING NATIVE SAND. IF REQUESTED, CONTRACTOR SHALL AT ANY TIME AND AT NO COST TO OWNER, SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL BY OWNER.

E. WATER

1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE GROWTH OF PLANTS AND SHALL NOT CONTAIN HARMFUL NATURAL OR MAN - MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SUCH SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

F. COMMERCIAL FERTILIZER

1. COMMERCIAL FERTILIZER SHALL BE A COMPLETE FORMULA; IT SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED CONTAINERS, EACH BEARING THE MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS. FIFTY PERCENT (50%) OF THE NITROGEN SHALL BE DELIVERED FROM NATURAL ORGANIC SOURCES. THE FOLLOWING FERTILIZERS SHALL BE USED AND APPLIED AT RATES AS SUGGESTED BY MANUFACTURER'S SPECIFICATIONS:

- 1. SHRUBS AND TREES - MORGANITE, OR APPROVED EQUAL
- 2. ANNUALS AND GROUNDCOVERS - OSMOCOTE/SIERRA BLEND 14 - 14 - 14
- 3. SOD - 8 - 8 - 8

IN ADDITION TO SURFACE APPLIED FERTILIZERS, ALL CONTAINER GROWN AND FIELD GROWN PLANT MATERIAL SHALL RECEIVE "AGRIFORM" PLANTING TABLETS 24 - 10 - 5 FORMULA, 21 GRAM OR EQUAL. THESE TABLETS SHALL BE PLACED AT THE RATE AND DEPTH SPECIFIED BY MANUFACTURER.

6. MULCH

1. MULCH SHALL BE FROM SHREDED WOOD DERIVED FROM MELALEUCA OR OTHER INVASIVE TREE SPECIES AND SHALL BE STERILIZED TO EFFECTIVELY ELIMINATE ALL SEEDS, SPORES, ETC. AND RENDER THEM BARRER.

2. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT AND APPLIED AT A DEPTH OF THREE INCHES (3"). MULCH IS TO BE KEPT 2-3" FROM THE STEM OF ALL GROUNDCOVERS & 3-4" FROM THE TRUNK OF ALL TREES & PALMS.

3. MULCH SHALL BE GRADE 'B' SHREDED, AND SHALL BE APPLIED EVENLY AND SMOOTH TO PLANTED AREAS.

4. NO RED OR COLORED MULCH SHALL BE ACCEPTED UNLESS SPECIFIED ACCORDINGLY. NO CYPRESS MULCH OR PINE BARK SHALL BE USED.

H. DIGGING AND HANDLING

1. PROTECT ROOT SYSTEMS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN AND DRYING WINDS, WATER EROSION, AND OTHER HARMFUL CRITERIA AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT BREAKING AND DRYING OUT DURING LOADING, TRANSIT, AND UNLOADING/PLANTING. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTIMTRANSPIRANT PRODUCT ("WILTRIPR" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL SPECIFIC SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS, AND IN ACCORDANCE WITH "GRADES AND STANDARDS FOR NURSERY PLANTS" FLORIDA PUBLICATION. NO PLANT WITH A ROOTBALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. THE ROOTS SHALL NOT BE CUT WITHIN THE MINIMUM SPREAD SPECIFIED IN THE PLANT LIST. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT IN MOVING AND PRIOR TO PLANTING.

4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS BY

"GRADES AND STANDARDS FOR NURSERY PLANTS" FLORIDA PUBLICATION. PRUNING PRACTICED OTHER THAN MINIMAL PRUNING OF FRONDS, PRIMARILY TO REACH CLEAR TRUNK SPECIFICATIONS, MAY CONSTITUTE REJECTION, OF ALL PALMS SUBJECT TO SUCH PRACTICE. LIKEWISE, EXCESSIVE PRUNING OR "SHAVING" OF ROOT BALLS TO MEET "CLEAR TRUNK" CRITERIA MAY CONSTITUTE REJECTION ON SITE. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL ON THE PLANTING DETAILS SHEET.

5. EXCAVATION OF PLANTING HOLES SHALL BE DONE USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS, AND PREPARED SUB-BASES.

I. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL - ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TIPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION, AND SHALL MEET MINIMUM SPECIFICATIONS IN THE PLANT LIST.

2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. PLANT ROOTS BOUND IN CONTAINERS OR WITH CIRCLING ROOTS SHALL NOT BE ACCEPTABLE.

4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NEED AUTHORIZATION FROM THE OWNER. LIKEWISE, SUBSTITUTION OF CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE BALLED AND BURLAPPED/FIELD GROWN WILL NEED AUTHORIZATION FROM THE OWNER AND LA OF RECORD PRIOR TO THE ORDERING OF ANY MATERIALS.

5. ALL PLANT MATERIALS SHALL MEET THE MINIMUM SPECIFICATIONS LISTED IN THE PLANT SCHEDULE; SIZE (HEIGHT/SPREAD) SPECIFICATIONS TAKE PRECEDENCE OVER GALLON SIZES (IF GALLON SIZES ARE SPECIFIED).

J. COLLECTED STOCK

1. WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED ON THE PLANT LIST SCHEDULE, THE MINIMUM SIZES OF ROOT BALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

K. NATIVE STOCK

1. PLANTS COLLECTED FROM WILD OR NATIVE STAND SHALL BE CONSIDERED GROWN WHEN THEY HAVE BEEN SUCCESSFULLY REESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

L. MATERIALS LIST

1. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN A BIDDER'S TAKE OFF AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO THE SUBMISSION OF BIDS. DRAWINGS TAKE PRECEDENCE. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE. WHERE NO GALLON SIZE IS SPECIFIED ON CONTAINERIZED SHRUBS OR GROUNDCOVERS, THE HEIGHT & SPREAD SPECIFICATIONS SHALL PREVAIL.

M. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR, UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT- END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.

N. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN UP WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER, ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE COMPLETELY REMOVED FROM THE SITE. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY AFFECT THE VIABILITY OF THE PLANTS TO BE INSTALLED, HE/SHE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S CONSTRUCTION MANAGER OR DESIGNER.

2. DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE PROHIBITED TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE JURISDICTIONAL MUNICIPALITY.

3. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES. INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORM WATER LINES, CABLE AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES.

4. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO MINIMUM DEPTH OF APPROXIMATELY 20% GREATER THAN THE RECOMMENDED PLANTING SOIL DEPTH - UNLESS OTHERWISE SPECIFIED BY JURISDICTIONAL CODE. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ONSITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE OR CONTACT OWNER'S CONSTRUCTION MANAGER OR DESIGNER FOR SOLUTION.

5. CONTRACTOR TO ENSURE THAT ALL COMPACTED SOIL SHALL BE COMPACTED TO THE FOLLOWING SPECIFICATIONS AND A 24" LAYER OF NON-LIMEROCK PLANTING SOIL FAVORABLE TO SHRUB GROWTH & SUSTAINABILITY EXISTS OVER ALL PLANTING AREAS. TREE PITS SHALL BE EXCAVATED & BACKFILLED WITH PLANTING SOIL TO A MINIMUM DEPTH OF 30".

6. RECOMMENDED PLANTING SOIL DEPTH IS AS FOLLOWS:

- ALL TREES AND TALL SHRUBS (INDICATED AS 'SHRUBS' & 'SHRUBS AREAS' ON THE PLANT SCHEDULE) SHALL BE PLANTED WITH A MINIMUM OF 12" TOPSOIL ABOVE AND BENEATH THE ROOTBALL; MINIMUM TOPSOIL SHALL BE 6" FOR LOW SHRUBS/GROUNDCOVER AREAS AND 2" FOR SODDED GRASS AREAS.
- THE MINIMUM TOPSOIL DEPTHS ARE IN ADDITION TO A MINIMUM NON-LIMEROCK SOIL DEPTH OF 10" - 18".

CONSISTING OF EXISTING UNDISTURBED OR NATIVE SOIL THAT WAS STORED/STOCKPILED ON SITE AND REUSED, OR CLEAN IMPORTED PLANTING SOIL WITH A RANGE OF ORGANIC MATTER BETWEEN 3-5% CONTAINING NO SOLIDS GREATER THAN AN INCH AND A HALF IN DIAMETER IN ANY DIRECTION. TOPSOIL DEPTHS PLUS PLANTING SOIL/EXISTING NATIVE SOIL MINIMUM DEPTHS ARE IN ADDITION TO ANY LIMESTONE/LIMEROCK SUBGRADE, & IN ADDITION TO EXCAVATION WIDTHS REQUIRED FOR TREE PITS AS SHOWN ON THE PLANTING DETAILS.

PURSUANT TO THE ABOVE, THE TOTAL MINIMUM DEPTH OF VIABLE NON-LIMEROCK PLANTING SOIL INCLUDING EXISTING VIABLE UNDISTURBED/OR STOCKPILED SOIL (IF PRESENT), REQUIRED TO BE PROVIDED ABOVE ANY LIMESTONE/LIMEROCK SUBGRADE CONDITION SHALL BE 12" MINIMUM TOTAL NON-LIMEROCK SOIL DEPTH FOR SOD AREAS; 16" MINIMUM TOTAL NON-LIMEROCK SOIL DEPTH FOR GROUNDCOVERS; 24" MINIMUM TOTAL NON-LIMEROCK SOIL DEPTH FOR SHRUBS/SHRUB AREAS; AND 30" MINIMUM TOTAL NON-LIMEROCK SOIL DEPTH FOR TREE PITS. DESIGNATION OF 'TREES', 'SHRUBS', 'SHRUB AREAS', AND 'GROUNDCOVERS' SHALL BE CONSISTENT WITH THE LABELING OF PLANT MATERIALS SHOWN ON THE LANDSCAPE PLANT'S PLANT SCHEDULE, WITH THE EXCEPTION OF COMMON TURFGRAASSES WHICH MAY BE INDICATED AS 'GROUNDCOVERS'. NONE OF THE ABOVE MINIMUMS SHALL PRECLUDE THE CONTRACTOR FROM EXCAVATING & PROVIDING SOIL IN ACCORDANCE WITH NOTE N.4 OR N.9. IMPORTED TOPSOIL SHALL BE IN ACCORDANCE WITH NOTE D.2.D.

IT IS THE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE & TAKE REASONABLE MEASURES AS PART OF DUE DILIGENCE TO DETERMINE THE EXTENT OF EXCAVATION REQUIRED & TO DETERMINE THE AMOUNT OF PLANTING SOIL NECESSARY TO ENSURE LONG-TERM SUSTAINABILITY & SURVIVAL OF THE PLANT MATERIALS IN ACCORDANCE WITH THIS CONTRACT.

6. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREBY SPECIFIED AND REQUIRED, INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

7. GENERAL: COMPLY WITH FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. PLANTS SHALL BE PROTECTED UPON ARRIVAL AT THE SITE BY BEING THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS SHALL NOT REMAIN UNPROTECTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

8. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE THE PLANTING WITH THE IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION ITEMS AND PLANTS.

9. ALL PLANTING HOLES SHALL BE OVERLOOKED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD TO NURSERY STOCK 280-1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL AS SPECIFIED HEREIN BEFORE [SEE MATERIALS, SECTION D]. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE

FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE PLANTING DETAIL THAT ADDRESSES THIS CONDITION. POOR DRAINAGE CONDITIONS TYPICALLY HAVE A PERCOLATION RATE OF 4" OR LESS PER HOUR, AS DETERMINED BY THE GEOTECHNICAL ENGINEER. TREES SHALL BE SET PLUMS AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURE AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN. PROPER "JETTING" IT SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STOCK" OR EQUIVALENT RECOMMENDED.

10. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS, CURBS, PAVING, AND OTHER HARDSCAPE MATERIALS WHILE INSTALLING TREES.

11. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION D (MATERIALS) OF THESE SPECIFICATIONS. IN ADDITION, EACH PLANTING HOLE SHALL AS RECEIVED 21-GRAM "AGRIFORM" PLANTING TABLETS PER MANUFACTURER'S SPECIFICATIONS OR AS FOLLOWS:

- TWO (2) TABLETS PER 1 GAL. PLANT
- THREE (3) TABLETS PER 10 GAL. PLANT
- FOUR (4) TABLETS PER 10 GAL. PLANT
- LARGER MATERIAL
- TWO (2) TABLETS PER HALF INCH (1/2") OF TRUNK CALIPER

12. TREES AND SHRUBS SHALL BE SET STRAIGHT AND AT SUCH A LEVEL THAT AFTER SETTLEMENT, THE TOP OF THE ROOT SYSTEM (FOR SHRUBS AND GROUND COVER) OR TRUNK FLARE (TREES AND PALMS) WILL STAND ONE (1) TO TWO (2) INCHES ABOVE FINAL GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PLANTING HOLE. PLANTING SOIL MIXTURE SHALL BE BACKFILLED AND THOROUGHLY TAMPED AROUND THE BALL AND SHALL BE SETTLED BY WATER AFTER TAMPING.

13. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, TURNING SOIL IF NECESSARY TO GET SOIL THOROUGHLY WET. PEEK LIGHTLY WITH FEET OR OTHER TAMMING DEVICE. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF HALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, ETC., SHALL BE PULLED FROM UNDERNEATH.

14. PRUNING: FOR DAMAGED OR BROKEN LIMBS, EACH TREE SHALL BE PRUNED TO PRESERVE THE NATURAL CHARACTER OF THE SPECIES. ALL SUCKER GROWTH SHALL BE COMPLETELY REMOVED PRIOR TO DIGGING.

15. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED IN THE PLANT LIST. CULTIVATE ALL MASS PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE OF ALL DEBRIS, "TILL 4" OF PLANTING SOIL MIX INTO THE NEWLY TILLED PLANTING BED FOR GENERAL NUTRIENT DISBURSEMENT. MASS PLANTING BED IS NOW READY TO RECEIVE HOLES FOR NEW PLANTS. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

16. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE LANDSCAPE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO ENSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. TREES SHALL USE ABORTIVE AS PER DETAIL SHEET. PALMS SHALL USE WOOD BRACING PER DETAIL SHEET.

17. MULCHING: PROVIDE A THREE INCH (3") MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER AND VINE BED AND TREE PIT (FOR TREES AND PALMS, MIN. THREE INCH (3") FROM EDGE OF TRUNK). - UNLESS OTHERWISE SPECIFIED BY LOCAL CODES AND SPECIFIED AS SUCH.

18. SYSTEMIC HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER OR THEIR DESIGNER, A SYSTEMIC HERBICIDE SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. AFTER MULCH HAS BEEN APPLIED TO PLANTING BEDS AND TREE RINGS, TREES SHALL BE MULCHED WITH AN APPROPRIATE PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER.

19. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH (1/8") PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.

20. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.

21. WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE AND GRADE OF EXISTING WITH NEW, WHERE EXISTING VEGETATION IS TO REMAIN, MEET EXISTING GRADES. DO NOT FILL ABOVE BASAL FLARE OF EXISTING TREES.

22. WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE AND GRADE OF EXISTING WITH NEW, WHERE EXISTING VEGETATION IS TO REMAIN, MEET EXISTING GRADES. DO NOT FILL ABOVE BASAL FLARE OF EXISTING TREES.

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25. WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE AND GRADE OF EXISTING WITH NEW, WHERE EXISTING VEGETATION IS TO REMAIN, MEET EXISTING GRADES. DO NOT FILL ABOVE BASAL FLARE OF EXISTING TREES.

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30. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.

31. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH (1/8") PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.

32. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.

33. WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE AND GRADE OF EXISTING WITH NEW, WHERE EXISTING VEGETATION IS TO REMAIN, MEET EXISTING GRADES. DO NOT FILL ABOVE BASAL FLARE OF EXISTING TREES.

34. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.

35. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH (1/8") PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.

36. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.

37. WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE AND GRADE OF EXISTING WITH NEW, WHERE EXISTING VEGETATION IS TO REMAIN, MEET EXISTING GRADES. DO NOT FILL ABOVE BASAL FLARE OF EXISTING TREES.

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41. WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE AND GRADE OF EXISTING WITH NEW, WHERE EXISTING VEGETATION IS TO REMAIN, MEET EXISTING GRADES. DO NOT FILL ABOVE BASAL FLARE OF EXISTING TREES.

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43. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH (1/8") PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.

1. GUARANTEE

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER OR OWNER'S DESIGNER. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR CARE & MAINTENANCE OF THE PLANT MATERIAL UNTIL THE END OF ESTABLISHMENT OR 60 DAYS AFTER FINAL LANDSCAPE CERTIFICATION BY THE LANDSCAPE ARCHITECT, WHICHEVER IS LATER, & SHALL COORDINATE WITH THE IRRIGATION CONTRACTOR AS NEEDED TO ENSURE ADEQUATE WATER IS SUPPLIED TO THE PLANT MATERIALS DURING ESTABLISHMENT. AT THE END OF THE ESTABLISHMENT PERIOD, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THE IRRIGATION TIMECLOCK IS ADJUSTED TO A NORMAL WATERING CYCLE PER THE IRRIGATION WATERING SCHEDULE SHOWN ON THE IRRIGATION PLANS.

2. THE LIFE AND SATISFACTORY CONDITION OF ALL SOD INSTALLED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF NINETY (90) CALENDAR DAYS, COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNERS OR OWNER'S DESIGNER.

3. REPLACEMENT: ANY PLANT NOT IN A HEALTHY, THRIVING GROWING CONDITION SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. SHOULD THE OWNER ELECT, TREES AND PALMS MAY BE GIVEN A PERIOD OF NINETY (90) DAYS BEFORE REMOVAL TO ALLOW THE CONTRACTOR TO RESURRECT THE TREE OR PALM IN QUESTION AND BRING IT TO A THRIVING, HEALTHY CONDITION. ALL REPLACEMENTS SHALL BE PLANTS OF LIKE KIND, CONDITION AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED, PLANTED, AND MULCHED AS SPECIFIED WITH THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER. ANY REPAIRS FROM THIS REPLACEMENT MATERIAL SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY. REPLACEMENT MATERIAL SHALL BE GUARANTEED TO A ONE (1) YEAR PERIOD FROM THE DATE OF REPLACEMENT ACCEPTANCE BY THE OWNER. SHOULD REPLACEMENT MATERIAL FALL WITHIN THE GUARANTEE PERIOD, THE OWNER MAY OPT FOR A CREDIT OF THE MONETARY AMOUNT FOR THE REPLACEMENT MATERIALS AT A RATE OF THE ORIGINAL CONTRACT BID RATE, IN LIEU OF AN ADDITIONAL REPLACEMENT.

4. IN THE EVENT THE OWNER ELECTS NOT TO CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO USE THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES PERFORMED BY THE OWNER OR THEIR DESIGNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH OF ITEMS UNDER REPLACEMENT WARRANTY. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

5. FINAL INSPECTION AND ACCEPTANCE OF WORK: 1. FINAL INSPECTION BY OWNER OR THEIR DESIGNEE AT THE END OF THE GUARANTEE PERIOD SHALL INCLUDE PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY PLANTS NOT MEETING THE CRITERIA OF HEALTHY, VIGOROUS, AND THRIVING AT THIS TIME, AND THAT HAVE NOT ALREADY BEEN REPLACED PREVIOUSLY UNDER SAID WARRANTY, SHALL BE SUBJECT TO THE SAME ONE (1) YEAR GUARANTEE 90 AS SPECIFIED BY THE OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPE