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GENERAL STATEMENT
THIS SET OF PLANS REPRESENTS A DESIGN/CONSTRUCTION PACKAGE FOR THE DEVELOPMENT OF A STAND-ALONE CUMBERLAND FARMS GAS STATION. THE CIVIL NETWORK CONSTRUCTION COMPONENTS CONSIST GENERALLY OF THE CONSTRUCTION OR IMPROVEMENTS OF UNDERGROUND UTILITIES AND SURFACE WORK TO SUPPORT THE PROPOSED SITE CONSTRUCTION. PROVISIONS FOR PUMP, FUEL DISPENSERS, UNDERGROUND STORAGE TANKS, AIR TOWER, DUMPSTER ENCLOSURE AND CONVENIENCE STORE DESIGN AND CONSTRUCTION SHALL BE CROSS REFERENCED TO THE ARCHITECTURAL AND/OR TANK PUMP PLANS RESPECTIVELY FOR INSTALLATION DETAILS.

- 21. ALL CONCRETE TICKETS AND DENSITY REPORTS ARE TO BE SUBMITTED TO BREVARD COUNTY PERMITS DEPARTMENT FOR REVIEW AND ACCEPTANCE PRIOR TO USE OF THE DRIVEWAY OR SIDEWALK.
22. ALL STRIPING WITHIN THE FOOT RIGHT-OF-WAY SHALL BE THERMOPLASTIC PER FDOT 2018-19 STANDARD PLANS, INDEX NO. 711-001.
23. DURING ALL PHASES OF THE WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SAFETY MARKINGS, BARRICADES & TEMPORARY FENCINGS AS REQUIRED TO MAINTAIN JOB SITE SAFETY. COORDINATE WITH THE OWNER TO MAINTAIN COMPLETE JOB SITE SAFETY & SECURITY DURING ALL WORK PHASES.
24. A CONSUMPTIVE USE PERMIT SHALL BE OBTAINED AND MAINTAINED BY THE CONTRACTOR FOR ANY SITE DEWATERING EXCEEDING THE THRESHOLDS DESCRIBED IN 40C 2 F.A.C. THE CONTRACTOR SHALL MAINTAIN APPLICABLE WATER QUALITY STANDARDS AND SHALL BE RESPONSIBLE FOR ANY FINES LEVIED BY THE REGULATORY AGENCIES DUE TO USE OF IMPROPER TECHNIQUES DURING DEWATERING.

- 25. EXISTING POWER LINES AND POWER POLES TO REMAIN ARE TO BE PROTECTED, UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE MODIFICATIONS TO ELECTRICAL SERVICES AND APPURTENANT ITEMS (POLES, GUY WIRES/ANCHORS ETC) DURING CONSTRUCTION WITH POWER COMPANY AND/OR ELECTRICAL CONTRACTOR.
26. EXISTING SALVAGED BASE MATERIAL MAY NOT BE RE-USED AS BASE MATERIAL BUT MAY BE UTILIZED FOR SUBGRADE. THE CONTRACTOR SHALL REFER TO THE PROJECT GEOTECHNICAL REPORT INTENDED TO BE REPORTED BY NUTTING ENGINEERS OF FLORIDA, INC FOR FILL, COMPACTING, CLEARING & GRUBBING, AND GEOTECHNICAL REQUIREMENTS. SITE CONTRACTOR SHALL OBTAIN AND ABIDE BY GEOTECHNICAL INFORMATION FROM REPORTS AS APPLICABLE.
27. THE CONTRACTOR SHALL USE A CERTIFIED CONSTRUCTION MATERIALS TESTING LABORATORY COORDINATED WITH OWNER'S THIRD PARTY CONSTRUCTION MANAGEMENT TEAM TO PROVIDE MATERIALS AND DENSITY TESTING IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2018 EDITION IN FOOT ROW. ON-SITE A REPRESENTATIVE NUMBER OF IN-PLACE FIELD DENSITY TESTS SHOULD BE PERFORMED IN THE COMPACTED EXISTING SOILS AND IN EACH 4" LIFT OF FILL MATERIAL OR BACKFILL TO CONFIRM THAT THE REQUIRED DEGREE OF COMPACTION HAS BEEN ACHIEVED AT LEAST ONE DENSITY TEST SHALL BE PERFORMED FOR EVERY 2000 SQ FT OF COMPACTED EXISTING SOIL, SUBGRADE, AND EACH LIFT OF CONTROLLED FILL. TESTING REPORTS SHALL BE COPIED TO THE ENGINEER'S OFFICE.

- 28. ALL EXISTING TREES, BRUSH, ROOTS, WEEDS, WITHIN THE CONSTRUCTION LIMITS ARE TO BE REMOVED AS CLEARING AND GRUBBING UNLESS OTHERWISE DIRECTED.
29. ALL FENCES, MAILBOXES, AND SIGNAGE DISTURBED BY CONSTRUCTION SHALL BE RELOCATED OR REPLACED AT NO ADDITIONAL COST TO OWNER.
ROADWAY & MOT NOTES
1. SAWCUT AND REMOVE PAVED SHOULDER ALONG BACKSIDE OF WHITE EDGE LINE. DO NOT DISTURB MAINLINE BASE UNDER WHITE EDGE LINE.
2. HORIZONTAL GEOMETRY REFERS TO ROADWAY CENTERLINE. DIMENSIONS ON ROADWAY OR PARKING LOTS ARE TO EXTENT SHOWN IN PLANS.
3. ALL CURBS (EXISTING OR NEW) SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE. ALL CHIPPED OR CRACKED PORTIONS OF CURB SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. IN ADDITION, ANY MORTAR, CONCRETE, SOIL AND OTHER DEPOSITORS OR STAINS SHALL BE CLEANED TO RETURN THE CURBS TO THEIR ORIGINAL CONDITION.
4. UPON COMPLETION OF FINAL ASPHALT PAVING, CONCRETE WORK, TOOL AND CLEAN ALL MANHOLE AND VALVE COVERS OF DIRT, DEBRIS AND ASPHALT/CONCRETE. ALL MANHOLE AND VALVE COVERS SHALL BE CLEAN AND OPERABLE PRIOR TO OWNER'S ACCEPTANCE.
5. IN ADDITION TO THE REQUIREMENTS IN THE ENGINEER'S TECHNICAL SPECIFICATIONS, ALL ROADWAY CONSTRUCTION PERFORMED IN FOOT ROW SHALL BE PER 2018-19 EDITION OF FOOT STANDARD PLANS, 2018-19 FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE 2017 UTILITY ACCOMMODATIONS MANUAL.

AS-BUILT NOTES
1. BEFORE REQUESTING FINAL INSPECTION, THE CONTRACTOR SHALL SUBMIT A CERTIFIED (BY A REGISTERED SURVEYOR) SET OF AS-BUILT DRAWINGS TO THE OWNER AND ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING INFORMATION ON THE AS-BUILT DRAWINGS CONCURRENTLY WITH CONSTRUCTION PROGRESS. AS-BUILT DRAWINGS SUBMITTED TO THE ENGINEER AS PART OF THE PROJECT ACCEPTANCE SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
A. DRAWINGS SHALL BE LEGIBLY MARKED TO RECORD ACTUAL CONSTRUCTION.
B. DRAWINGS SHALL SHOW ACTUAL LOCATION & ELEVATION OF BUILDING, PAVEMENT, ALL UNDERGROUND AND ABOVE GROUND STORM DRAINAGE, WATER, REUSE WATER AND WASTEWATER PIPING AND RELATED APPURTENANCES. ALL CHANGES TO PIPING LOCATIONS INCLUDING HORIZONTAL AND VERTICAL LOCATIONS OR UTILITIES AND APPURTENANCES SHALL BE CLEARLY SHOWN AND REFERENCED TO PERMANENT SURFACE IMPROVEMENTS. DRAWINGS SHALL ALSO SHOW ACTUAL INSTALLED PIPE MATERIALS, CLASS, SIZE, ETC.
C. DRAWINGS SHALL CLEARLY SHOW ALL FIELD CHANGES OF DIMENSION AND DETAIL INCLUDING CHANGES MADE BY FIELD ORDER OR BY CHANGE ORDER.
D. DRAWINGS SHALL CLEARLY SHOW ALL DETAILS NOT ON ORIGINAL CONTRACT DRAWINGS, BUT CONSTRUCTED IN THE FIELD. ALL EQUIPMENT AND PIPING RELOCATION SHALL BE CLEARLY SHOWN.
E. LOCATION OF ALL INLETS, MANHOLES, HYDRANTS, VALVES AND VALVE BOXES SHALL BE SHOWN. ALL VALVES SHALL BE REFERENCED FROM AT LEAST TWO AND PREFERABLY THREE PERMANENT POINTS.
F. DIMENSIONS BETWEEN ALL INLETS AND MANHOLES SHALL BE FIELD VERIFIED AND SHOWN. THE PERTS AND GRADE ELEVATIONS OF ALL INLETS AND MANHOLES SHALL BE SHOWN.
G. SHOW THE DESIGN ELEVATION/INVERT ON THE AS-BUILT WITH THE AS-BUILT ELEVATION ADDED.
2. EACH SHEET OF THE DRAWINGS SHALL BE SIGNED, SEALED AND DATED BY A REGISTERED SURVEYOR WITH A NOTE READING "THESE AS-BUILT OR RECORD DRAWINGS DEPICT THE ACTUAL IMPROVEMENTS CONSTRUCTED".
3. THE CONTRACTOR SHALL ALSO MEET THE AS-BUILT REQUIREMENTS OF BREVARD COUNTY.

ONE OR MORE OF THE FOLLOWING CERTIFICATES/SHOP DRAWINGS DEPENDING ON THE TYPE OF CONNECTION, WILL BE REQUIRED. THIS SHALL BE REVIEWED WITH THE DESIGN DIVISION PRIOR TO APPROVAL FOR CONSTRUCTION AND SUBMITTED TO THE ENGINEER ACCORDINGLY.
A) DIPPVC CERTIFICATE OF MANUFACTURE
B) JACKING PIT DRAWINGS AND STRENGTH REPORT.
C) MANHOLE SHOP DRAWINGS AND STRENGTH REPORT.
D) FRAME AND COVER SHOP DRAWINGS.
E) CRUSHED CONE SHOP DRAWINGS.
F) FLUIBLE GASKET PLING SHOP DRAWINGS.
G) CAST IRON PIPE CERTIFICATE.
H) MANHOLE PROTECTIVE CONNECTION DETAIL.
I) TYPE III STABILIZATION SUBGRADE (WITH QUARRY PIT CERT. LETTER OF FDOT APPROVAL WHERE INSTALLATION IS OFFSITE)
K) INSTALLATION IS OFFSITE
L) ASPHALT & CONCRETE MIXES
M) DRAINAGE STRUCTURES AND PIPES
N) WATER AND SEWER PRODUCTS
O) THERMOPLASTIC PAINT STRIPING
P) SKIMMER / BAFFLES
Q) STONE AGGREGATES
R) VERSA-LOCK RETAINING WALL OR EQUALLY APPROVED
S) JOINT SEALANT - SIKAFLEX 1C (SELF LEVELING) OR APPROVED EQUAL
T) YARD DRAIN
U) LIST STATION

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SAFETY NOTES
1. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE ATTENTION AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
2. THE MINIMUM STANDARDS AS SET FORTH IN THE 2018 EDITION OF THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
3. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
4. CONTRACTOR TO COMPLY WITH THE REQUIREMENTS OF THE 'TRENCH SAFETY ACT' (2010, 553.80-553.84) FOR ALL TRENCHING OPERATIONS UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PART OF TRENCHES EXPOSED OR OPEN AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DETERMINED. ALL TRENCHES SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN AND VEHICULAR TRAFFIC.
5. 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.

SIGNING AND PAVEMENT MARKINGS
1. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PER FDOT SPECIFICATIONS, 2018-19 EDITION.
2. ALL HANDICAP PARKING SPACES SHALL BE PROPERLY SIGNED AND STRIPED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 711-001 AND 700-102, 2018-19 EDITION.
3. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2018-19 FDOT STANDARD PLANS INDEX AND BREVARD COUNTY TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING & GEOMETRICS.
4. ALL PAVEMENT MARKINGS WITHIN FDOT RIGHT-OF-WAY AND BREVARD COUNTY RIGHT-OF-WAY AND PROPOSED DRIVEWAY CONNECTIONS SHALL BE 90 MIL EXTRUDED THERMOPLASTIC.
5. RAISED REFLECTIVE PAVEMENT MARKERS (RPMs) ARE TO CONSIST OF 4-INCH SQUARE MONO-DIRECTIONAL WHITE, AND BI-DIRECTIONAL YELLOW.
6. LANE LINE RPMs ON THE 4 (OR MORE) LANE PORTION OF ANY DIVIDED ROADWAY SHALL BE BI-DIRECTIONAL WHITE/RED.
7. ALL RAISED PAVEMENT MARKERS (RPMs) WITHIN FDOT RIGHT-OF-WAY AND PROPOSED DRIVEWAY CONNECTION SHALL BE INSTALLED IN ACCORDANCE WITH FDOT 2018-19 STANDARD PLANS INDEX 706-001 AND THIS PLAN. ALL RAISED PAVEMENT MARKERS (RPMs) IN THE BREVARD COUNTY RIGHT-OF-WAY SHALL BE INSTALLED IN ACCORDANCE WITH BREVARD COUNTY STANDARDS.
8. ALL SIGN POSTS AND HARDWARE INSTALLED ON-SITE OR IN THE BREVARD COUNTY RIGHT-OF-WAY SHALL ADHERE TO THE REQUIREMENTS SPELLED OUT IN BREVARD COUNTY EXHIBIT 28.

HISTORICAL RESOURCES PRESERVATION NOTES
1. IF PREHISTORIC OR HISTORIC ARTIFACTS, SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME WITHIN THE PROJECT SITE AREA, THE PERMITTED PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE PERMITTEE, OR OTHER DESIGNEE, SHOULD CONTACT THE FLORIDA DEPARTMENT OF THE STATE, DIVISION OF HISTORICAL RESOURCES, REVIEW AND COMPLIANCE SECTION AT (850) 245-8333 OR (800) 847-7278, AS WELL AS THE APPROPRIATE PERMITTING AGENCY OFFICE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES. CONTRACTOR SHALL CONTACT OWNER AND OWNER SHALL CONTACT THE STATE.
2. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK SHALL STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH SECTION 872.06 FLORIDA STATUTES.

GENERAL NOTES
1. ALL WORK PERFORMED WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2018-2019 FDOT STANDARD PLANS FOR ROAD CONSTRUCTION, JANUARY 2019 STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE 2017 UTILITY ACCOMMODATION MANUAL.
2. RESTORE ALL EXCAVATIONS TO ORIGINAL OR BETTER CONDITION.
3. ALL DISTURBED AREAS WITHIN THE FDOT RIGHT-OF-WAY SHALL BE RESTORED WITH BERMUDA SO4 AREAS OUTSIDE THE PROJECT DISTURBED FROM CONSTRUCTION WILL BE RESTORED WITH SO4. SO4 INSTALLED SHALL BE CUT IN TO MATCH THE SURROUNDING AREAS. SO4 BLOCKS SHALL BE PLACED WITH STAGGERED TRANSVERSE JOINTS AND A MINIMUM 2" TO MAXIMUM 1' BELOW ANY DROP-OFF PER THE 2018/19 STANDARD PLANS FOR ROAD CONSTRUCTION, INDEX NO. 570-010.

MISCELLANEOUS NOTES
1. CONTRACTOR SHALL PROVIDE AND ANTICIPATE FOR BIDDING PURPOSES THE ENCOUNTERING OF UNFORESEEN OR UNKNOWN UNDERGROUND UTILITIES.
2. THE PROJECT'S DESIGN HAS BEEN BASED ON A COMBINATION OF SURVEY DATA, FIELD VISITS, AND PUBLIC RECORDS IN CONJUNCTION WITH PHOTO/VIDEO DOCUMENTATION. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCY BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER OR RECORD.
3. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE OWNER, WITHOUT DELAY, BY TELEPHONE.
4. ALL ITEMS DAMAGED SHALL BE RESTORED TO PRIOR CONDITION OR IMPROVED CONDITION.
5. ANY FENCING DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. ALL LIGHTING (TEMPORARY OR PERMANENT) MUST CONFORM WITH THE APPROPRIATE AHJ LIGHTING MANAGEMENT CRITERIA.
7. CONSTRUCTION PHASING AND LOGISTICS ARE NOT PART OF THE CIVIL ENGINEER'S SCOPE AND IS SOLELY BY THE CONTRACTOR. REFERENCES TO PHASING OR LOGISTICS IS ENTIRELY FOR INFORMATIONAL PURPOSES ONLY.
8. TEMPORARY UTILITIES PROVIDED FOR TEMPORARY USE TO ESTABLISH CONSTRUCTION TRAILER OR TEMPORARY SITE POWER, WATER, SEWER SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ). CONTRACTOR SHALL COORDINATE THESE ITEMS FOR APPROVALS AND/OR PERMITS PRIOR TO INSTALLATION WITH THE OWNER AND THE AHJ.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SHORE AND BRACE AND/OR PROCURE STRUCTURAL SERVICES FOR SHORING AND BRACING TO PERFORM SITE IMPROVEMENT INSTALLATIONS OR FOR WORK WITHIN PROXIMITY TO EXISTING SITE ELEMENTS WHICH COULD BE POTENTIALLY UNDERMINED.
10. QUANTITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL QUANTITIES REQUIRED.

Table with 5 columns: Rev, Date, Description, By, Drawn/Asst.
1 11/7/18 BREVARD COUNTY COMMENTS cr jh
2 12/10/18 BREVARD COUNTY COMMENTS cr jh
3 03/04/19 BREVARD COUNTY COMMENTS cr jh
4 03/24/19 BREVARD COUNTY COMMENTS cr jh
5 09/30/19 PER CLIENT COMMENTS cr jh

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