

ELECTRICAL

PROJECT NOTES

- 1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (N.E.C.) AND ALL LOCAL CODES AND ORDINANCES.
2. ALL MATERIALS SHALL BE NEW AND OF DOMESTIC ORIGIN AND SHALL BEAR UNDERWRITERS' LABEL WHERE APPLICABLE.
3. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST-CLASS WORKMANLIKE MANNER...

21. CONDUCTOR COLOR CODING: THE FOLLOWING APPLICABLE COLOR CODES SHALL BE IMPLEMENTED AND POSTED IN ALL PANELS, DISCONNECT SWITCHES, ETC., PER NEC ARTICLES 200.6(D) AND 215.12.

Table with 3 columns: PHASE, COLOR, and CODE. Includes entries for PHASE 'A' (BLACK), PHASE 'B' (RED), PHASE 'C' (BLUE), NEUTRAL (WHITE), GROUND (GREEN), ISOL. GROUND (GREEN/YELLOW).

* HIGH-LEG PHASE IS ASSUMED TO BE PHASE 'B' AND SHALL BE CONFIRMED BY THE ELECTRICAL CONTRACTOR IN THE FIELD. HIGH-LEG PHASE, REGARDLESS OF POSITION, SHALL BE ORANGE PER NEC 110.15. PANELS AND SWITCHGEAR SHALL BE PERMANENTLY MARKED PER NEC 408.3(F).

22. GFI RECEPTACLES: ALL RECEPTACLES WITHIN SIX FOOT OF WATER SOURCE SHALL BE GFI RECEPTACLE OR PROTECTED BY GFI BREAKER PER N.E.C., TO ARTICLE 210.2, THIS NOTE APPLIES TO ALL SHEETS.

UTILITY COORDINATION: TO THE BEST OF OUR ABILITY THE SERVICE HAS BEEN COORDINATED WITH THE UTILITY COMPANY REPRESENTATIVE(S) FOR: 1 - TRANSFORMER(S) LOCATION, 2 - CUSTOMER RESPONSIBILITY, 3 - REQUESTED VOLTAGE & AVAILABILITY.

NOTES

- 1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR COORDINATION OF LOCATIONS OF LIGHTING FIXTURES.
2. (EX) DENOTES EXISTING LIGHT FIXTURE OR DEVICE TO REMAIN AS-IS. FIELD VERIFY QUANTITIES AND LOCATIONS.
3. (R) DENOTES RELOCATED EXISTING LIGHT FIXTURE OR DEVICE. COORDINATE WITH OWNER'S REPRESENTATIVE.

NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO SUBMITTING A BID.
2. REPORT ANY DISCREPANCIES TO ARCHITECT OR ENGINEER PRIOR TO BID.

THESE NOTES APPLY TO ALL ELECTRICAL SHEETS.

NOTES

- 1. CONDUIT RUN BELOW GRADE SHALL BE PVC SCHEDULE 40. ELBOWS 2" AND LARGER SHALL BE GALVANIZED RIGID CONDUITS. RISERS SHALL BE RIGID STEEL CONDUITS WHERE EXPOSED TO OUTSIDE ELEMENTS. REFER TO SPECIFICATIONS.
2. ALL UNDERGROUND SITE CONDUIT SHALL BE BURIED A MINIMUM OF 36 INCHES DEEP BELOW FINISHED GRADE TO TOP OF CONDUIT UNLESS OTHERWISE NOTED.

POWER COMPANY: A - VERIFY EXACT TRANSFORMER(S) LOCATION PRIOR TO BID. B - VERIFY PRIMARY CONDUIT WORK REQUIRED AND RESPONSIBILITY PRIOR TO BID. C - VERIFY METERING METHOD AND REQUIREMENTS, IF DIFFERENT FROM WHAT IS SHOWN ON THE DRAWINGS, NOTIFY ENGINEER IMMEDIATELY.

TELEPHONE COMPANY: A - ORIGIN AND TERMINATION OF THE SERVICE CONDUITS. B - INSTALLATION SPECIFICATIONS, SIZE AND QUANTITY REQUIRED. HOWEVER, MAINTAIN QUANTITY AND SIZES SHOWN ON PLANS, IF IN EXCESS OF UTILITY REQUIREMENTS.

NOTE: CONTRACTOR'S FAILURE TO COMPLY WITH THESE COORDINATION PROCEDURES WILL CONSTITUTE THE CONTRACTOR ASSUMING ALL COSTS ASSOCIATED WITH REPLACING ANY AND ALL WORK ALREADY IN PLACE TO MEET UTILITY COMPANIES' RULES AND REQUIREMENTS.

MC CABLE NOTES

- MC CABLE, METAL-CLAD CABLE GENERAL NOTES: BRANCH CIRCUITS MAY BE METAL CLAD CABLE TYPE (MC), PROVIDED. WHERE PANEL IS FLUSH MOUNTED, THE CABLE SHALL RUN IN WALL GAVITY. WHERE PANEL IS SURFACE MOUNTED, CONTRACTOR SHALL PROVIDE METAL STUDS WITH DRYWALL TO CREATE A CAVITY TO RUN THE MC CABLE WITHIN.

LEGEND

LEGEND: MOUNTING HEIGHTS SHOWN ARE MAXIMUM/MINIMUM HANDICAPPED ACCESSIBILITY STANDARDS - THEY SHALL NOT BE ALTERED WITHOUT WRITTEN AUTHORIZATION. Includes symbols for fluorescent light fixture, incandescent or HID light fixture, wall bracket light fixture, exit light, battery powered emergency light, etc.

ABBREVIATIONS: E.G. EQUIPMENT GROUND, I.G. ISOLATED GROUND, HP HEATHERPROOF, EG EMPTY CONDUIT, BWH ELECTRIC WATER HEATER, GFI/WFCI GROUND FAULT CIRCUIT INTERRUPTER, EWC ELECTRIC WATER COOLER, EHP-EP EXHAUST FAN, AH-AHU AIR HANDLING UNIT, ACC-CU CONDENSING UNIT, RTU ROOF TOP UNIT, NL NIGHT LIGHT, FC FULL CHAIN, GC CURRENT TRANSFORMER, EX EXISTING DEVICE, A.F.F. ABOVE FINISH FLOOR, (EXR) EXISTING TO BE RELOCATED.

NOTES

- 1. PROPOSED LOCATION OF PAD MOUNTED TRANSFORMER. FIELD COORDINATE EXACT LOCATION PRIOR TO BID AND/OR ROUGH IN. SEE SHEET E4.0 FOR ADDITIONAL INFORMATION.
2. SECONDARY FEEDERS BY ELECTRICAL CONTRACTOR. SEE POWER RISER DIAGRAM ON SHEET E4.0.
3. ELECTRIC SERVICE, SEE RISER ON SHEET E4.0.

UTILITY CONTACTS

POWER COMPANY: FPL BREANNA HOLLAWAY (561) 616-1634 BREANNA.HOLLAWAY@FPL.COM
TELEPHONE/CABLE COMPANY: AT&T JOHNNY REGIS (561) 488-6582 JR2413@ATT.COM

CONTRACTOR SHALL NOTIFY EACH UTILITY COMPANY REPRESENTATIVE LISTED ABOVE OF THE PRE-CONSTRUCTION MEETING SCHEDULE.

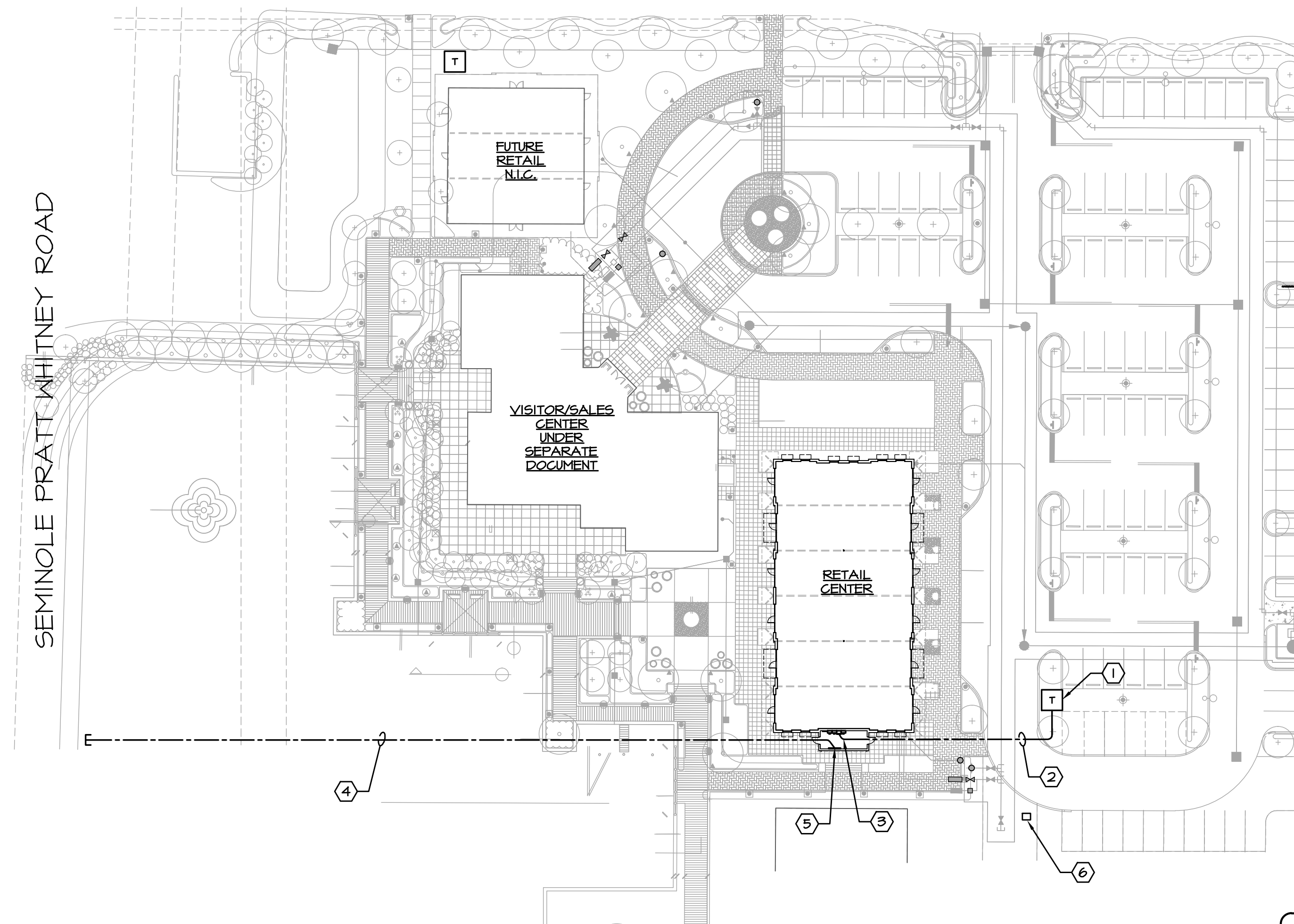
INDEX

- E1.0 : ELECTRICAL SITE PLAN NOTES, & LEGEND
E2.0 : ELECTRICAL FLOOR PLAN
E3.0 : SPRINKLER MONITORING SYSTEM & DETAILS
E4.0 : POWER RISER DIAGRAM & PANEL SCHEDULES
E5.0 : ELECTRICAL SPECIFICATIONS

BACKFLOW PREVENTOR

CONTRACTOR SHALL PROVIDE A 1" CONDUIT WITH WIRE AS REQUIRED, FROM BACKFLOW PREVENTOR FOR THIS BUILDING TO MAIN SPRINKLER ALARM CONTROL PANEL. FIELD VERIFY LOCATION OF BACKFLOW PREVENTOR WITH CIVIL DRAWINGS AND/OR SITE CONTRACTOR PRIOR TO BID.

CHEHAYEB & ASSOCIATES, INC. CONSULTING PROFESSIONAL ENGINEERS. 3702 AZURE ST. TAMPA, FL 33609 (813) 876-1415 (fax) 876-0913 LIC. #49521 SOUTH FLORIDA CERT. #7340 16-116 (R)



NORTH ELECTRICAL SITE PLAN SCALE: 1" = 40'-0"

api+ 2709 Rocky Point Dr. 201 T 813 + 281 9299 Tampa, Florida 33607 USA F 813 + 281 9292 License No AAC001935 apiplus.com



WESTLAKE AUXILIARY SALES CENTER CITY OF WESTLAKE PALM BEACH COUNTY, FLORIDA

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Juan F. Romero, AIA, License No. AR000793. TO THE BEST OF THE KNOWLEDGE OF THE ARCHITECTS AND ENGINEERS, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE MINIMUM FIRE SAFETY STANDARDS.

WESTLAKE AUXILIARY SALES CENTER PROJECT NAME

ELECTRICAL SITE PLAN, NOTES & LEGEND SHEET NAME

PROJECT NUMBER: 2016.082 DRAWN BY: RLR CHECKED BY: S.C.

SCALE: AS NOTED SHEET NUMBER: E1.0