PROJECT NOTES 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 3. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM IS TO BE FULLY OPERABLE AND ACCEPTANCE OF THIS SYSTEM BY THE ENGINEER/ARCHITECT MUST BE A CONDITION OF THE SUB CONTRACT. 4. ALL WORK TO BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. 5. CONTRACTOR TO GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (I) YEAR FROM DATE OF ACCEPTANCE. 6. CORRECTION OF ANY DEFECTS TO BE COMPLETED WITHOUT ADDITIONAL CHARGE AND TO INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED I. ALL REQUIRED INSURANCE TO BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY OF PROPERTY DAMAGE FOR THE DURATION OF THE WORK. 8. CONTRACTOR TO PAY FOR ALL PERMITS, UTILITY FEES, INSPECTIONS AND TESTING. 1. ELECTRICAL INSTALLATION TO MEET ALL STANDARD REQUIREMENTS OF LOCAL POWER AND TELEPHONE IO. MINIMUM WIRE SIZE SHALL BE #12 AWG, EXCLUDING CONTROL WIRING. UNLESS OTHERWISE NOTED, CONDUCTORS SHALL BE COPPER WITH THWN/THHN INSULATION. CONDUCTORS #12 AND SMALLER MAY BE SOLID; ALL THOSE #10 AND LARGER TO BE STRANDED. ALL UNDERGROUND RACEWAYS SHALL BE GALVANIZED RIGID STEEL CONDUIT OR SCHEDULE 40 PVC. ALL OTHER RACEWAYS TO COMPLY WITH GOVERNING CODES. MINIMUM CONDUIT UNDERGROUND SHALL BE 3/4" CONDUIT UNLESS OTHERWISE NOTED. 12. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS, AND BE OF SPECIAL CONSTRUCTION FOR OTHER CLASSIFIED AREAS. ALL BOXES SHALL BE RECESSED (FLUSH) IN WALLS OR CEILINGS WHENEVER POSSIBLE. 13. DISCONNECT SWITCHES SHALL BE H.P. RATED, GENERAL DUTY, QUICK-MAKE, QUICK-BREAK TYPE. ENCLOSURES SHALL BE AS REQUIRED BY N.E.C. AND LOCATION (WEATHERPROOF, EXPLOSION- PROOF, 14. ALL GENERAL PURPOSE SWITCHES AND RECEPTACLES SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER. CATALOG NUMBERS LISTED ARE LEVITON: HOWEVER, COMPARABLE DEVICES BY HUBBELL, PASS & SEYMOUR, OR ARROW HART WILL BE ACCEPTED. COLOR OF DEVICES AND PLATES SHALL BE IVORY OR AS DICTATED BY ARCHITECT/OWNER. A. SWITCHES: #1221-2 SERIES. B. RECEPTACLES: #5362 SERIES. C. COVER PLATES: SMOOTH PLASTIC NOTE: ALL OTHER REQUIRED DEVICES SHALL MATCH IN COLOR AND STYLE. 15. ALL RACEWAYS AND PIPES, SPACED IN OR THROUGH ANY CONCRETE SLAB, SHALL BE SPACED A MINIMUM OF THREE TIMES THE DIAMETER OF THE LARGEST RACEWAY. 16. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM. AND PROVIDE ALL NECESSARY DEVICES AND COMPONENTS FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER. 17. ALL ELECTRICAL RACEWAYS (METALLIC AND NONMETALLIC) SHALL HAVE AN EQUIPMENT GROUND CONDUCTOR SIZED IN ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C. 18. LOAD DATA IS BASED ON INFORMATION GIVEN ENGINEER AT THE TIME OF DESIGN. VERIFY ALL EQUIPMENT NAMEPLATE RATINGS BEFORE ORDERING. 19. CIRCUITS SHOWN ON PLANS ARE TO DETERMINE LOAD DATA AND PANEL SIZES. THE CONTRACTOR IS TO PROVIDE CIRCUITS AND ROUTING OF CONDUITS TO SUIT JOB CONDITIONS. 20. FURNISH AND INSTALL DISCONNECT SWITCHES, WIRING, AND CONNECTIONS ON AIR CONDITIONING SYSTEM AS SHOWN ON PLANS. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE WITH MECHANICAL CONTRACTOR REGARDING SUPPLY AND INSTALLATION OF ALL REQUIRED CONTROLS. 21. ALL SWITCHGEAR SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER. SYSTEM DESIGN IS BASED ON THE SQUARE "D" COMPANY; HOWEVER, COMPARABLE EQUIPMENT BY EATON, G.E., AND SIEMENS WILL BE ACCEPTABLE. TANDEM AND HALF-SPACE CIRCUIT BREAKERS SHALL NOT BE USED. PROVIDE ARC FLASH WARNING SIGNAGE PER N.E.C. IIO.16 FOR ALL SWITCHBOARDS AND PANELS. 22. ALL UNDERGROUND PVC CONDUIT RUNS SHALL HAVE RIGID STEEL ELBOWS AND RIGID STEEL SECTIONS AT SLAB PENETRATIONS. WHERE RIGID STEEL IS USED, IT SHALL BE COMPLETELY COATED WITH AN ALKALI AND RUST-RESISTANT BITUMASTIC PAINT, AND THREADS SHALL BE COATED WITH ZINC CHROMATE. 23. THE ELECTRICAL CONTRACTOR SHALL MEET AND COORDINATE WITH THE LOCAL UTILITY COMPANIES AT THE SITE PRIOR TO CONSTRUCTION. AT THAT TIME, THE CONTRACTOR SHALL COORDINATE ALL RELATED WORK WITH THE UTILITY COMPANIES' REPRESENTATIVES TO MEET THE OWNER'S SCHEDULE. 24. ALL ELECTRICAL CONDUCTORS SHALL BE INSTALLED IN AN APPROVED RACEWAY 25. CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING ALL CONDUIT PENETRATIONS MADE THROUGH FIRE RATED WALLS, CEILINGS, SLABS, ETC. PENETRATION SEALS SHALL BE PER U.L. ASSEMBLY STANDARDS. 26. CONDUIT SYSTEM REQUIREMENTS: UNDERGROUND - PVC WITH RIGID 90 THROUGH SLAB. ABOVE FINISH FLOOR, CEILINGS, ETC. (INDOOR) - EMT WITH DIECAST SET SCREW FITTINGS. GALVANIZED RIGID CONDUITS - ABOVE GRADE AND WHERE SUSCEPTIBLE TO PHYSICAL FLEXIBLE CONDUITS - INDOOR, ONLY SHORT RUNS NOT TO EXCEED 6'-0". SEALTITE - OUTDOOR, ONLY SHORT RUNS NOT TO EXCEED 6'-O". 27. 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: 120/208V., 3-PH. 277/480V., 3-PH. BLACK PHASE 'B' ORANGE BLUE PHASE 'C' YELLOW NEUTRAL GRAY GREEN GROUND GREEN 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 IIO.I5. PANELS AND SWITCHGEAR SHALL BE PERMANENTLY MARKED PER NEC 408.3(F).

ALL RECEPTACLES WITHIN SIX FOOT OF WATER SOURCE SHALL BE GFI RECEPTACLE OR

UTILITY COORDINATION:

REPRESENTATIVE(S) FOR:

WITH THE DEVELOPER.

PROJECT.

PROTECTED BY GFI BREAKER PER N.E.C. 70 ARTICLE 210.6. THIS NOTE APPLIES TO ALL SHEETS.

TO THE BEST OF OUR ABILITY THE SERVICE HAS BEEN

3 - REQUESTED VOLTAGE & AVAILABILITY.

IT IS THE CONTRACTOR RESPONSIBILITY TO REVISIT THESE ITEMS WITH UTILITY PROJECT ENGINEER TO VERIFY

CONSTRUCTION DOCUMENT(S) ARE STILL IN COMPLIANCE

THE RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS

THIS COORDINATION SHALL BE A PART OF SITE MEETING

COORDINATION SHALL ALSO BE MADE WITH TELEPHONE

VERIFICATION OF THEIR REQUIREMENTS INCLUDING POINT

ANY COST ASSOCIATED WITH UTILITY FEES SHALL BE

TO BE SCHEDULED BY THE CONTRACTOR WITH THE

UTILITY PERSONNEL PRIOR TO THE START OF THE

AND CABLE SERVICE REPRESENTATIVE(S) FOR

OF CONNECTION AND TERMINATION POINTS.

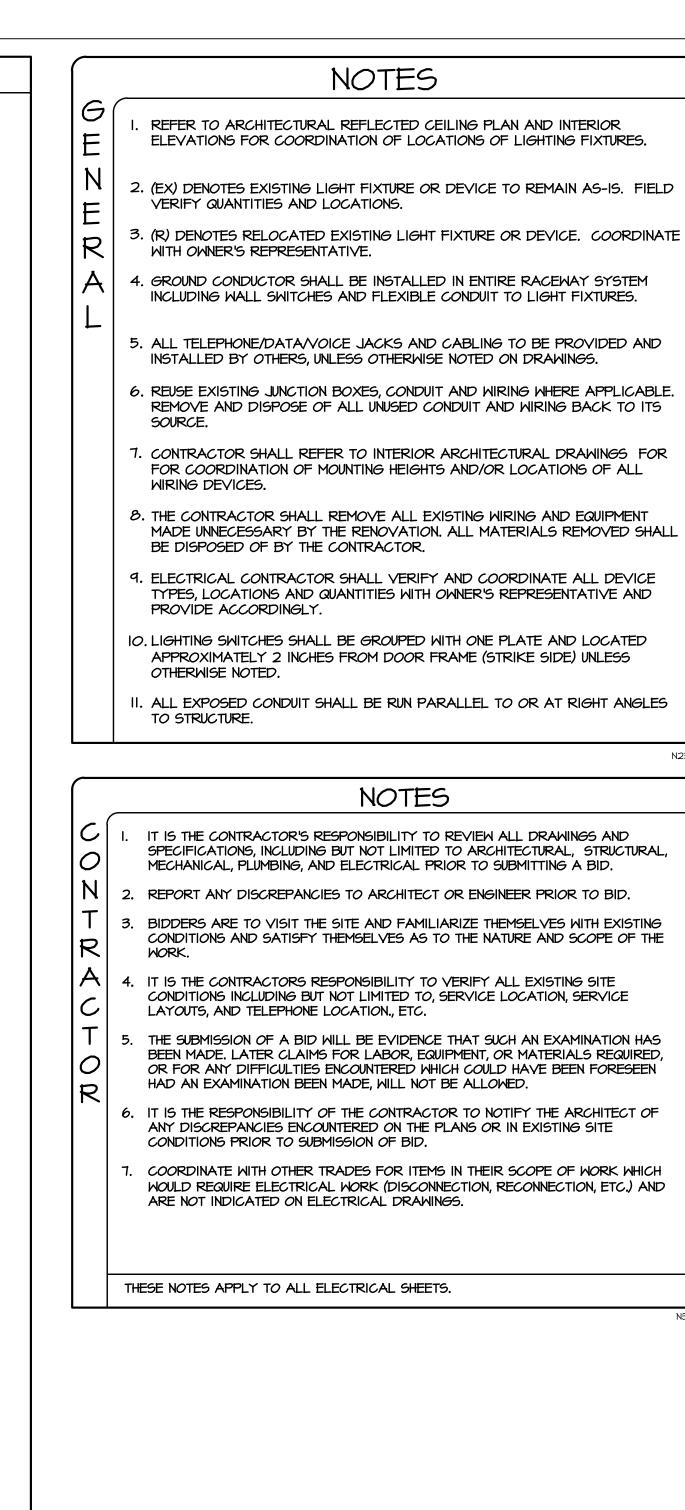
COORDINATED WITH THE UTILITY COMPANY

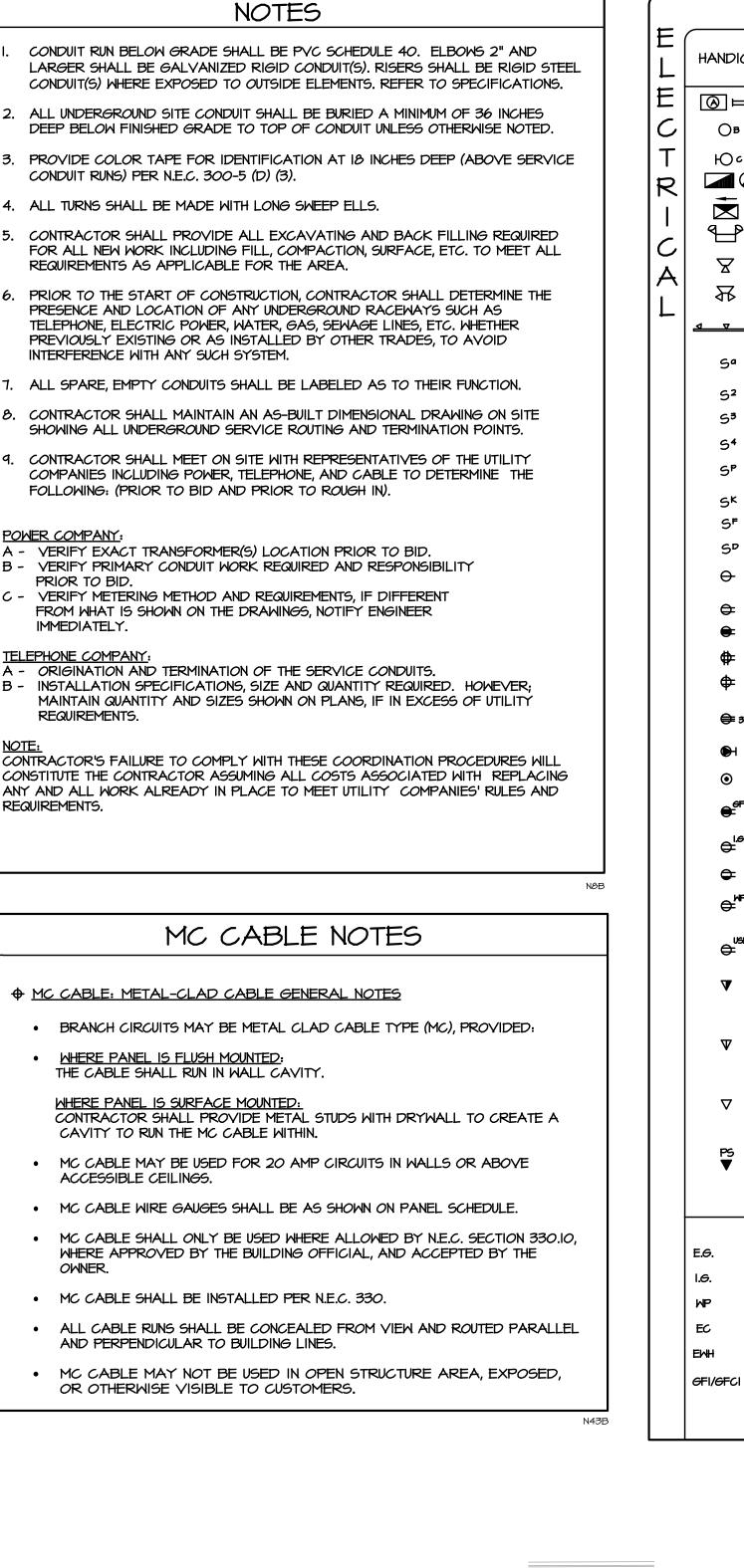
I - TRANSFORMER(S) LOCATION. 2 - CUSTOMER RESPONSIBILITY.

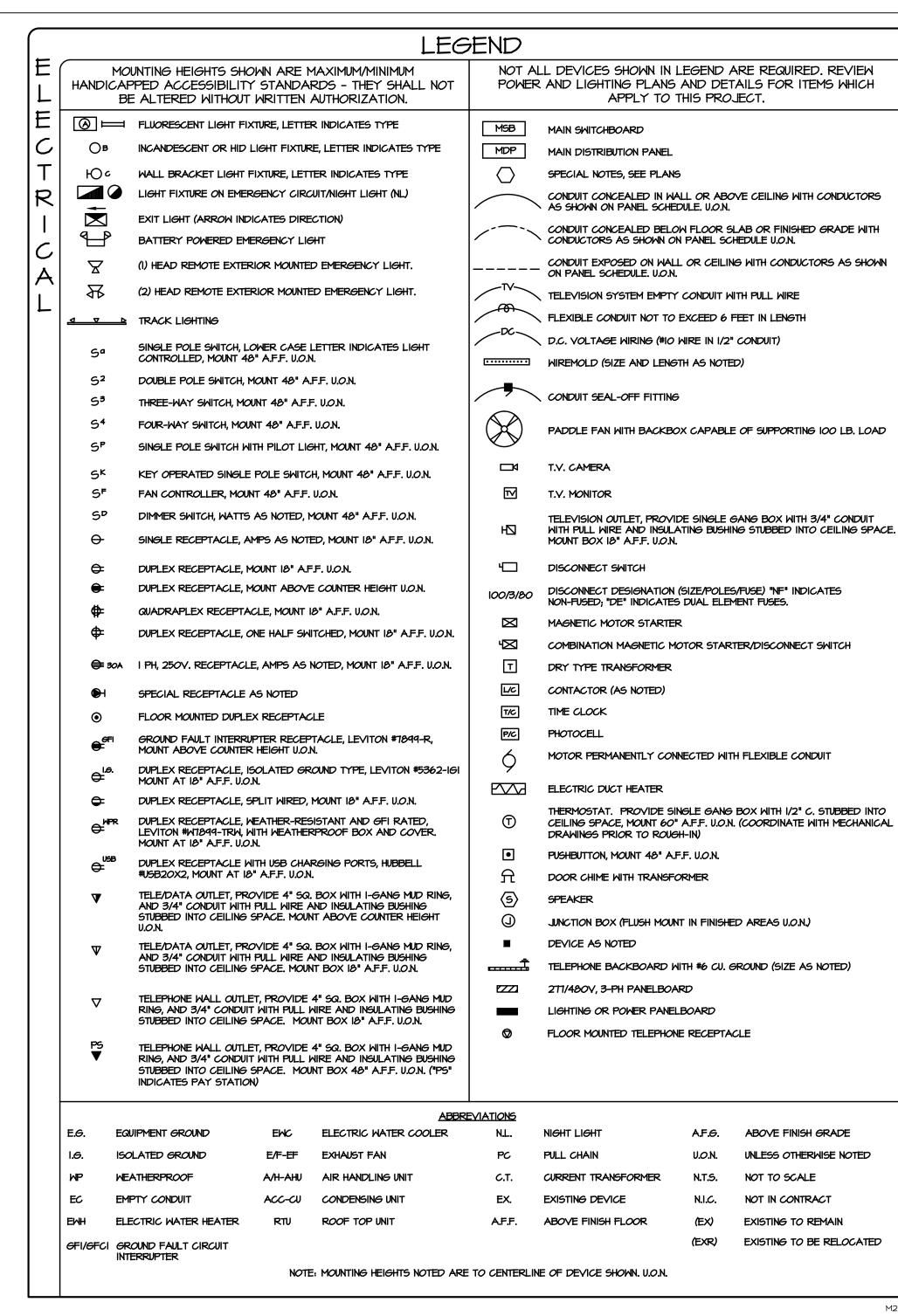
THAT THE CURRENT DESIGN SHOWN ON THE

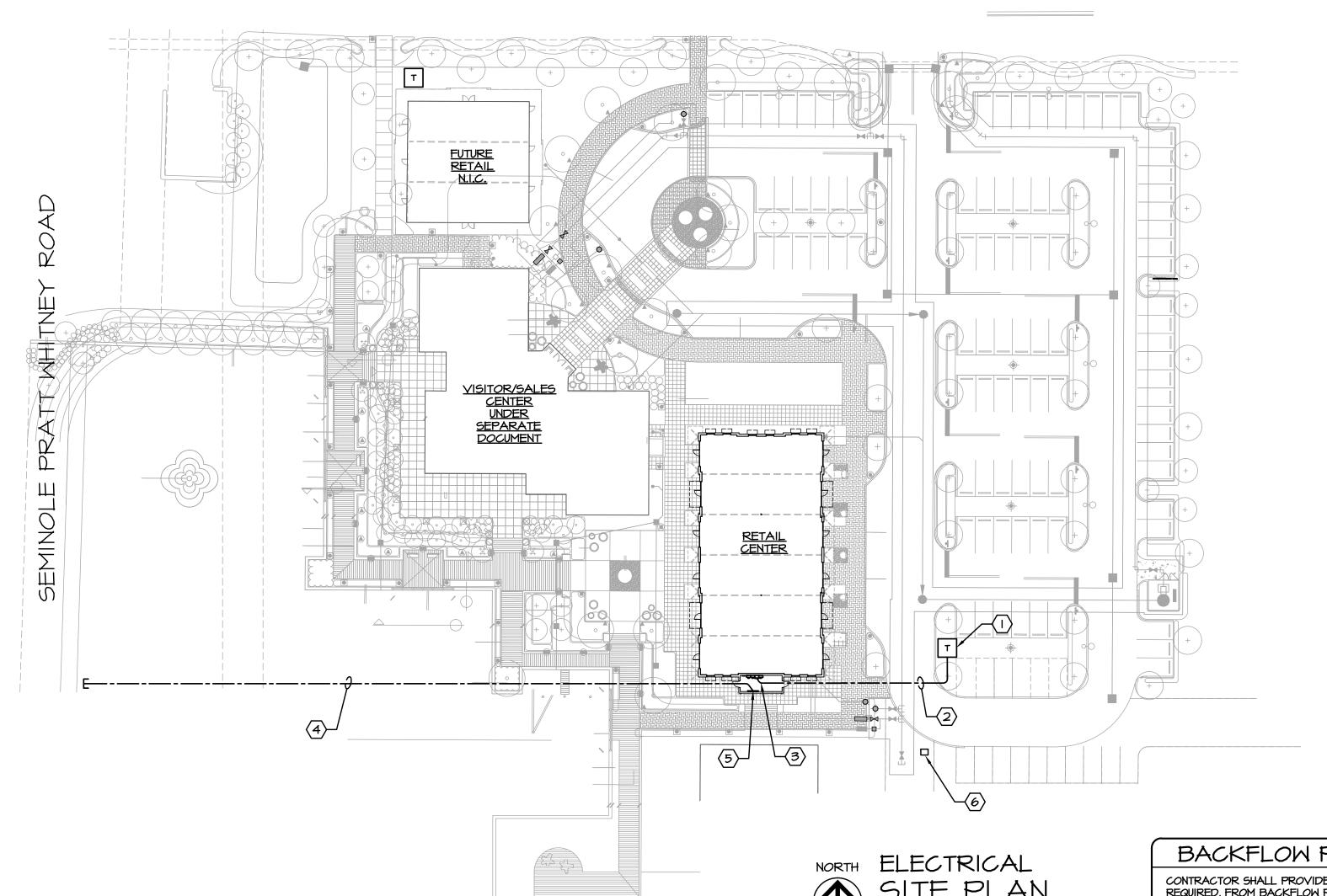
WITH THE UTILITY PLANS TO SERVICE THIS SITE.

28. GFI RECEPTACLES









EXISTING TO BE RELOCATED NOTES 1 PROPOSED LOCATION OF PAD MOUNTED TRANSFORMER. FIELD

ISSUE DATE: - 09-30-16 **ISSUED FOR:** PERMIT - BUILDING SHELL ONLY @AS DATED ARCHITECTURE PLUS INTERNATIONAL, INC REVISION LOG

STATE REGISTRATIONS GA #10079

Juan F. Romero AIA. License No. AR0007793 TO THE BEST OF THE KNOWLEDGE OF THE ARCHITECTS AND ENGINEERS, SAID 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

(6) BACKFLOW PREVENTER. SEE NOTE THIS SHEET. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.

COORDINATE EXACT LOCATION PRIOR TO BID AND/OR ROUGH IN.

(2) SECONDARY FEEDERS BY ELECTRICAL CONTRACTOR, SEE POWER

TELEPHONE/DATA. TERMINATE AT PROPERTY LINE PER UTILITY

(5) TELEPHONE AND CABLE T.Y. DISTRIBUTION CABINETS. SEE DETAILS

SEE SHEET E4.0 FOR ADDITIONAL INFORMATION.

(4) PROVIDE THREE 4" EMPTY CONDUITS WITH PULL WIRE FOR

(3) ELECTRIC SERVICE, SEE RISER ON SHEET E4.0.

RISER DIAGRAM ON SHEET E4.O.

COMPANY DIRECTION.

ON SHEET E2.O.

UTILITY CONTACTS

BREANNA HOLLAWAY

<u>TELEPHONE/CABLE COMPANY</u> (561) 988-6582

JOHNNY REGIS JR8413@ATT.COM

E4.0 : POWER RISER DIAGRAM & PANEL SCHEDULE E5.0 : ELECTRICAL SPECIFICATIONS

CONTRACTOR SHALL PROVIDE A I" CONDUIT WITH WIRE AS REQUIRED, FROM BACKFLOW PREVENTOR FOR THIS BUILDING TO MAIN SPRINKLER ALARM CONTROL PANEL. CIVIL DRAWINGS AND OR SITE CONTRACTOR PRIOR TO

CHEHAYEB & ASSOCIATES, INC. CONSULTING PROFESSIONAL ENGINEERS 3702 AZEELE ST. (813) 876-1415 TAMPA, FL 33609 (fax) 876-0913

16-115 (R)

2709 Rocky Point Dr. 201 T 813 + 281 9299

Tampa, Florida 33607 USA F 813 + 281 9292

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DRAWN BY: R.R. CHECKED BY: S.C.

COMPANIES INCLUDING POWER, TELEPHONE, AND CABLE TO DETERMINE THE FOLLOWING: (PRIOR TO BID AND PRIOR TO ROUGH IN). A - VERIFY EXACT TRANSFORMER(S) LOCATION PRIOR TO BID. B - VERIFY PRIMARY CONDUIT WORK REQUIRED AND RESPONSIBILITY C - VERIFY METERING METHOD AND REQUIREMENTS, IF DIFFERENT FROM WHAT IS SHOWN ON THE DRAWINGS, NOTIFY ENGINEER A - ORIGINATION 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

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.

NOTES

CONDUIT RUNS) PER N.E.C. 300-5 (D) (3).

INTERFERENCE WITH ANY SUCH SYSTEM.

IMMEDIATELY.

REQUIREMENTS.

4. ALL TURNS SHALL BE MADE WITH LONG SWEEP ELLS.

REQUIREMENTS AS APPLICABLE FOR THE AREA.

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 CAVITY. WHERE PANEL IS SURFACE MOUNTED:

CONTRACTOR SHALL PROVIDE METAL STUDS WITH DRYWALL TO CREATE A CAVITY TO RUN THE MC CABLE WITHIN. MC CABLE MAY BE USED FOR 20 AMP CIRCUITS IN WALLS OR ABOVE

 MC CABLE WIRE GAUGES SHALL BE AS SHOWN ON PANEL SCHEDULE. MC CABLE SHALL ONLY BE USED WHERE ALLOWED BY N.E.C. SECTION 330.10,

WHERE APPROVED BY THE BUILDING OFFICIAL, AND ACCEPTED BY THE

 MC CABLE SHALL BE INSTALLED PER N.E.C. 330. ALL CABLE RUNS SHALL BE CONCEALED FROM VIEW AND ROUTED PARALLEL AND PERPENDICULAR TO BUILDING LINES.

 MC CABLE MAY NOT BE USED IN OPEN STRUCTURE AREA, EXPOSED, OR OTHERWISE VISIBLE TO CUSTOMERS.

POWER COMPANY

(561) 616-1639 BREANNA.HOLLAWAY@FPL.COM

CONTRACTOR SHALL NOTIFY EACH UTILITY COMPANY

REPRESENTATIVE LISTED ABOVE OF THE

PRE-CONSTRUCTION MEETING SCHEDULE.

EI.O : ELECTRICAL SITE PLAN NOTES, & LEGEND

E2.0 : ELECTRICAL FLOOR PLAN E3.0 : SPRINKLER MONITORING SYSTEM & DETAILS

BACKFLOW PREVENTOR

FIELD VERIFY LOCATION OF BACKFLOW PREVENTOR WITH

SOUHEIL CHEHAYEB CERT. #7340 LIC. #49521

SCALE: AS NOTED

SHEET NUMBER