

1. ALL WIRING TO RUN EXPOSED, CONCEALED IN MASONRY WALLS OR CONCRETE SLABS, BENEATH SLABS OF GRADE OR RUN UNDERGROUND SHALL BE IN RIGID GALVANIZED STEEL CONDUIT, OR PVC SCHEDULE 80 IF EXPOSED, OR SCHEDULE 40 IN ALL OTHER SITUATIONS, GALVANIZED STEEL CONDUIT. ELEC. METALLIC TUBING (EMT) MAY BE CONCEALED IN INTERIOR HOLLOW WALLS AND ABOVE SUSPENDED CEILINGS.

2. ALL WIRES SHALL BE COPPER UNLESS SPECIFICALLY OTHERWISE INDICATED ON THE DRAWINGS. ALL INSULATION SHALL BE TYPE "THW" OR "THHN/THWN".

3. BOXES SHALL BE PROVIDED FOR ALL OUTLETS. IN GENERAL, THESE BOXES SHALL BE STAMPED OR PRESSED SHEET METAL. BOXES IN HAZARDOUS AREAS SHALL BE APPROVED FOR THE CONDITIONS INDICATED.

4. ALL CONDUITS SHALL BE SECURELY FASTENED TO THE BUILDING WITH PIPE STRAPS OR OTHER APPROVED PIPE SUPPORTS.

5. MANUFACTURER'S NAMES AND CATALOG NUMBERS ARE USED TO DEFINE THE TYPE AND QUALITY OF EQUIPMENT AND MATERIAL. EQUAL ITEMS OF OTHER MANUFACTURERS ARE ACCEPTABLE WITH THE APPROVAL OF THE ENGINEER.

6. ALL WORK SHALL BE DONE IN FULL ACCORDANCE WITH ALL CHAPTERS OF THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE STATE AND LOCAL CODES, AND THE LOCAL UTILITY CO. REQUIREMENTS. COMPLY W/F.B.C. 2020 & N.E.C. 2017 EDITION.

7. ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER.

8. AS SOON AS PRACTICABLE, AND WITHIN 30 DAYS AFTER THE AWARD OF THE CONTRACT, AND BEFORE ANY MATERIALS OR EQUIPMENT ARE RELEASED FOR THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A COMPLETE LIST OF MATERIALS AND EQUIPMENT PROPOSES TO FURNISH AND INSTALL, GIVING MANUFACTURER'S NAMES, TRADE NAMES, CATALOG NUMBERS, ETC. SEVEN COPIES SHALL BE FURNISHED.

9. WHERE A CONDUIT PASSES THROUGH A BUILDING EXPANSION JOINT OR A STRAIGHT RUN EXCEEDS 200 FT. AND APPROVED EXPANSION FITTING WITH BONDING JUMPER SHALL BE INSTALLED. REPRESENTATIVE SPARE FUSES IN THE AMOUNT OF 10% OF EACH SIZE USED

10. WHERE FUSIBLE EQUIPMENT IS SPECIFIED, DELIVER TO THE OWNERS WITH A MINIMUM OF 3 FUSES OF EACH SIZE.

11. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING HIS BID IN ORDER THAT HE MAY BECOME AWARE OF EXISTING CONDITIONS, NO ALLOWANCES WILL BE MADE FOR ANY EXISTING CONDITION OF WHICH THIS CONTRACTOR WAS NOT AWARE.

12. CIRCUIT NUMBERS SHOWN ARE FOR IDENTIFICATION ONLY; IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO COMPLETE PHASE PANEL BOARD (BALANCE LOAD).

13. SEE EQUIPMENT LAYOUT PLANS FOR EXACT LOCATION OF ALL MOTORS, LIGHTS, RECEPTACLES & OTHER EQUIPMENT BEFORE ROUGHING-IN.

14. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT NOT FURNISHED UNDER THIS SECTION BEFORE ROUGHING-IN.

15. LIFT MOTOR SWITCH SHOULD BE LOCATED ON THE GROUND FLOOR. PROVIDE 3 WIRES TO SINGLE POLE DBL. THROW SWITCH FOR CHANDELIERS MAINTENANCE PURPOSE.

16. THERE CAN NOT BE ANY EQUIPMENT INSTALLED BELOW THE FLOOD CRITERIA (9'-0") ANY MECHANICAL DEVICES SHALL BE AT +9'-1" MINIMUM NO EXCEPT.

17. CONDUIT RUNS ARE SHOWN SCHEMATICALLY; BUILDING CONDITIONS WILL DETERMINE THE ACTUAL CONDUIT RUN.

18. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT NAME PLATE RATING RATING OF THE MOTORS, HEATERS & AC UNITS BEFORE INSTALLATION & INFORM TO THE ELECTRICAL ENGINEER OF ANY DISCREPANCIES.

19. WHERE WIRE SIZES ARE INDICATED ON THE PLANS FOR ANY INDIVIDUAL CIR. THE INDICATED WIRE SIZE SHALL APPLY TO THE COMPLETE CIRCUIT UNLESS OTHERWISE INDICATED.

20. WHERE SCOPE OF WORK IS NOT PROPERLY DEFINE, ELECTRICAL CONTRACTOR SHALL PROVIDE AN ALLOWANCE TO COMPLETE THE WORK IN QUESTION, AS PART OF HIS/HER BID.

21. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT NAME PLATE RATING OF THE MOTORS & HEATER BEFORE INSTALLATION & INFORM TO THE ELECTRICAL ENGINEER OF ANY DISCREPANCIES.

22. ALL CB USED FOR HEATERS, AC & REFRIGERATION UNITS SHALL BE HACR UL LISTED.

23. ALL CB USED FOR HIGH INTENSITY DISCHARGE FIXTURES SHALL BE MARKED H.I.D. AT THE PANEL FOR ALL HID UNSWITCHED LIGHTS CKT.

24. ALL CB USED FOR FLUORESCENT UNSWITCHED FIXTURES SHALL BE MARKED S.W.B. AT THE PANEL.

25. ALL EQUIPMENT FURNISHED WITH CORD, THE CORD SHALL BE SHORTENED AND INSTALLED WITH CORRECT OUTLET PLUG, JACKS, ETC., AS REQUIRED FOR COMPLETE INSTALLATION OF EQUIPMENT. ALSO WHEN APPLICABLE RECEPTACLES SHALL BE FURNISHED TO MATCH THE ELECTRICAL EQUIPMENT SERVED BY.

26. ALL ELECTRICAL SERVICE EQUIPMENT SHALL BE READILY ACCESSIBLE AND SHALL HAVE CLEAN AND DRY LOCATION AND BE PROTECTED FROM PHYSICAL DAMAGE. ALSO, CLEAN WORKING SPACE BE PROVIDED AROUND EQUIPMENT AS PER NEC 110-26

27. JUNCTION AND PULLBOXES SHALL BE SECURELY MOUNTED TO THE BUILDING STRUCT. WITH SUPPORTING FACILITIES INDEPENDENT OF THE CONDUITS ENTERING OR LEAVING THE BOXES. BRACKETS, RODS, HANGERS, BOLTS OF OTHER SUITABLE SUPPORTING METHOD MAY BE USED.

28. JUNCTION AND PULLBOXES SHALL BE GALVANIZED CODE-GAUGE SHEET STEEL, WITH SCORED ON COVER, NEMA 1, OF SIZE AND SHAPE TO ACCOMMODATE WIRING WITHOUT CROWDING AND TO SUIT LOCATION.

29. ALL JUNCTION AND PULLBOXES SHALL BE ACCESSIBLE ALL THE TIME.

30. ALL RACEWAYS ROUTED, INSULATED CONDUCTORS SYSTEM SHALL BE COLOR CODED AS PER NEC. STANDARDS .

31. PROVIDE J.B.S. AS REQUIRED BY FIELD CONDITIONS, IN THE EVENT THEY ARE SHOWN ON PLANS

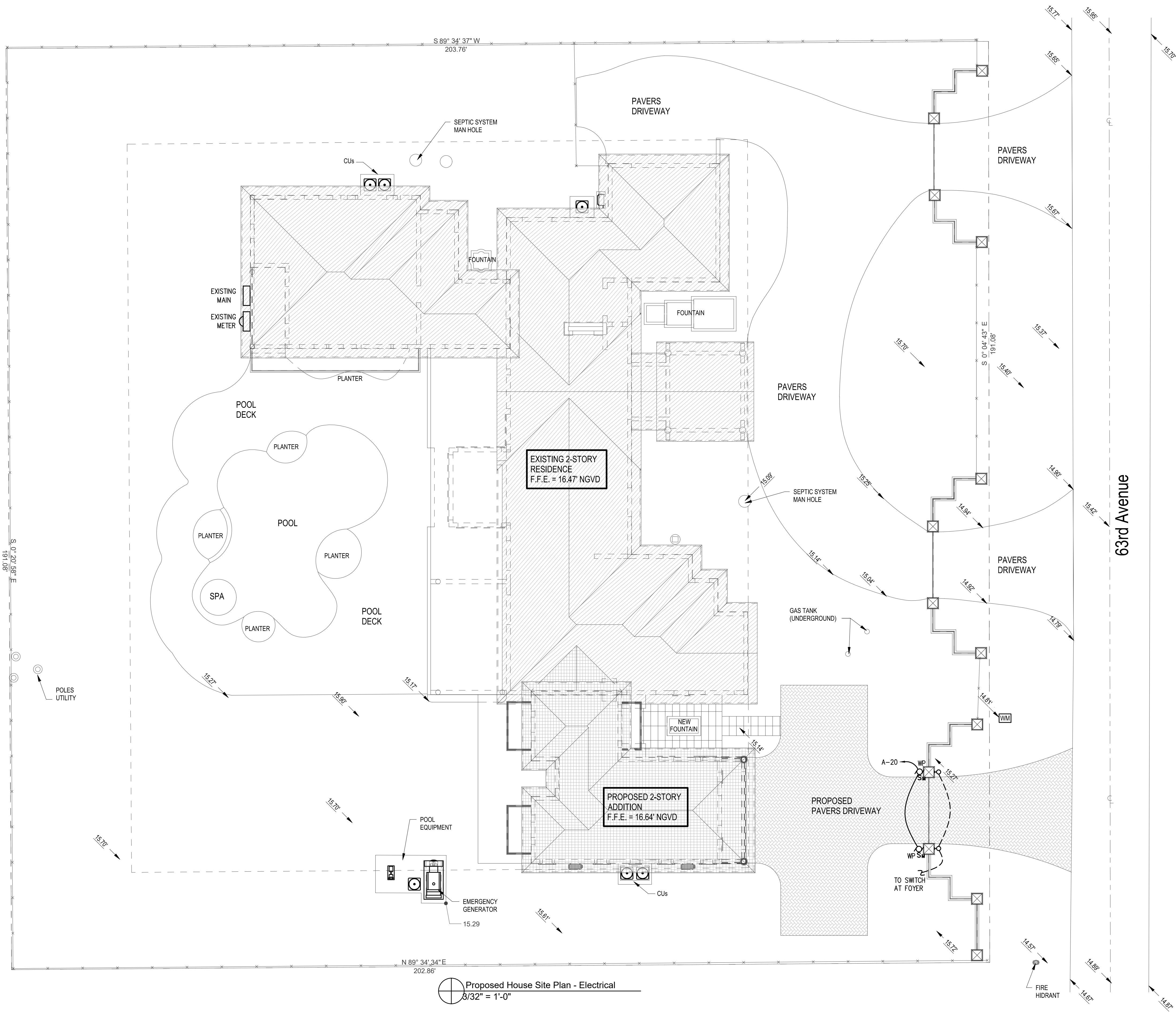
32. DUCTS DETECTOR SHALL BE PROVIDED IN EXISTING & NEW AC UNITS (2000 CFT OR MORE) AND SHALL BE CONNECTED TO SHUT DOWN EQUIPMENT IN CASE OF ACTIVATION WITH SOUND & LIGHT SUPERVISORY SIGNAL.

33. WHEN REFERRING PANELBOARDS/LOAD CENTER RATED AMPACITY IT MEANS MINIMUM VALUES ACCEPTABLE. SERVICE WIRES/CONDUIT SIZE, BRANCH WIRES/CONDUIT, DRY TRANSFORMER REDUCTION WILL NOT BE ACCEPTABLE, UNDER ANY CIRCUMSTANCE IN "AS BUILT" PLANS UNLESS PRIOR APPROVAL BY THE ENGINEER.

34. ELECTRICAL CONTRACTOR SHALL DISCUSS WITH ENGINEER ANY DISCREPANCY FOUND IN SET OF DWG PRIOR TO ROUGH IN. MECHANICAL AND PLUMBING PLANS SHALL BE CHECK BY E.C. ANY EQUIPMENT/PUMP/UNIT/CU, ETC. NOT SHOWN ON ELECTRICAL PLANS E.C. SHALL CONTACT ENGINEER IMMEDIATELY FOR CORRECTIONS. SET OF DWG SUBMITTED AT 50, 75, 90% FOR PRIBING PURPOSE SHALL NOT BE TAKEN AS FINAL. E.C. SHALL HAVE IN THE SITE JOB THE LAST REVISED AND APPROVED SET OF PLANS, WITH NO EXEMPTION

35. ARCHITECT/OWNER SHALL PROVIDE INFORMATION ABOUT ALL UTILITY COMPANY SERVICE CONNECTIONS. POINT PRIOR COMMENCE TO WORK, ANY CHANGE AND OR OMISSION WOULD IMPLIED CHANGES IN PLANS AFFECTING TIMING SCHEDULE /BUDGET, ETC., ETC. UNDERGROUND CONDUIT LAYOUT FROM MAIN ELECTRICAL ROOM, MAIN TEL/CAB ROOM, MAIN COMPUTER ROOM TO SERVICE CONNECTION POINT WILL BE PROPOSE ONLY IT SHALL BE COORDINATED IN FIELD BY ELECTRICAL CONTRACTOR. SIZED AND AMOUNT OF CONDUITS FOR TEL/CATV AND COMPUTER SYSTEM SHALL BE SPECIFIED PRIOR TO COMMENCE TO WORK, IF NOT, REGULAR AND STANDARD ACCEPTANCE WILL BE PROVIDED. M.E.C. WILL NOT ACCEPT RESPONSIBILITY FOR ANY CHANGE AFTER THAT AND WILL REQUIRED ADDITIONAL SERVICE FEE IN ORDER TO PROCEED.

EXAMINATION OF CONTRACT DOCUMENTS: THE BIDDER IS REQUIRED BEFORE SUBMITTING HER/HIS PROPOSAL TO FAMILIARIZE HER/HIMSELF WITH THE NATURE AND EXTENT OF THE WORK TO BE PERFORMED. ANY DEVIATIONS THAT MAY AFFECT THE WORK TO BE PERFORMED SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT/ENGINEER FOR CONSIDERATIONS. VARIATIONS FROM CONTRACT DOCUMENTS TO THE EXTENT OF THE PROJECT'S REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO AVOID CONFLICTS WITH OTHER TRADES WHERE APPLICABLE. THESE VARIATIONS ARE EXPRESSLY INCLUDED AS PART OF THE WORK WHENEVER REQUIRED AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR WILL IN NO WAY BE RELIEVED OF HIS OR HER OBLIGATION TO COMPLY WITH THE ASSUMED UNDER THIS CONTRACT. CONSIDERATION WILL BE GIVEN TO UNFORESEEN CONDITIONS.

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