

ELECTRICAL GENERAL SCOPE:

-FURNISH/INSTALL ALL MATERIALS, LABOR, INSTALLATION IN ORDER TO BE OPERATIONAL. ALL MATERIAL AND WORK SHALL BE CODE COMPLIANT; DEVICES/COVERPLATES COLOR SHALL BE WHITE; SEE BELOW FOR FURTHER DETAILS.

PIPING/WIRING TYPES:

-WHEN MEANS OF POWER IS CURRENTLY CONCEALED AND/OR TYPICALLY CONCEALED IN NEW WALLS AND/OR ABOVE SUSPENDED CEILINGS, CODE COMPLIANT MC CONDUITING/DISTRIBUTION OF POWER IS ACCEPTABLE.
-WHEN CONDUITING IS CURRENTLY INSTALLED IN EXPOSED CEILING AREAS, SIMILAR TYPE OF EMT PIPING/WIRING SHALL BE UTILIZED AND MOUNTED SURFACE-MOUNTED, OTHERWISE 3/4" EMT PIPING IS STANDARD AT EXPOSED DECKS.
-WHEN NEW DATA OUTLETS ARE CALLED FOR, EMPTY 3/4" EMT PIPING, MUD RING OR CUT-IN BOXES SHALL BE UTILIZED WITH PULLSTRINGS.
-WHEN NEW DROPS ARE CALLED AT SALES, 3/4" EMT PIPING SHALL BE UTILIZED FOR BOTH DATA AND POWER DROPS.
-DEVICE AND COVERPLATE COLOR AT OFFICE AREA/FLUSH MOUNTED DEVICES IN NEW GYP WALLS: COLOR WHITE.
-DEVICE AND COVERPLATE COLOR AT WAREHOUSE, ELECTRICAL/DATA ROOM, PRODUCT PREP, SALES FOR SURFACE MOUNTED DEVICES: INDUSTRIAL.
-DEVICE AND COVERPLATE COLOR AT OFFICE AREA/FLUSH MOUNTED DEVICES IN NEW GYP WALLS: COLOR WHITE.
-DEVICE AND COVERPLATE COLOR AT WAREHOUSE, ELECTRICAL/DATA ROOM, PRODUCT PREP, SALES FOR SURFACE MOUNTED DEVICES: INDUSTRIAL.
-ALL HORIZONTAL CONDUITING SHALL BE RUN TIGHT AT BOTTOM OF BAR JOISTS. PROVIDE OFFSETS AS REQUIRED. COORDINATE WITH OTHER MEP DESIGNS AND TRADES.

SERVICE:

-NEW TYPE WRITTEN PANEL BOARD LABELINGS, PLACARDS, ETC. AT ALL NEW PANELS.
-NEW PANELS, PIPING, WIRING AS REQUIRED TO MEET INTENT OF THIS MEP SCOPE.
-PROVIDE NEW IVTS UNIT FOR EACH NEW PANEL. PROVIDE EITHER AN APC SURGE SUPPRESSOR, AND STRIPS OF SQUARE D IN SIZE/TYPE APPROPRIATE TO ANY NEW PANEL BOARD.
-LOOK OUT BREAKER HASPS AS DIRECTED BY NTE CONSTRUCTION MANAGER.

LIGHTING EQUIPMENT PACKAGE/DESCRIPTION AND WORK:

ELECTRICAL CONTRACTOR SHALL INSTALL THE NTE-SPECIFIED LIGHTING EQUIPMENT PACKAGE. OWNER SHALL PURCHASE/FURNISH FROM DESIGNATED/REQUIRED LIGHTING EQUIPMENT VENDOR.

ZK4 LED LAY-IN TROFFER LIGHTS (NEW COMPLETE UNITS / NEW PARIS ROOM)

ZK4 LED RETROFIT KITS (FOR EXISTING UNITS)

EMERGENCY LIGHTS (NEW PARIS ROOM)

EXIT LIGHTS

EMERGENCY/EXIT LIGHTS WITH REMOTE HEAD (NEW OPENING / PRODUCT PREP ROOM)

RECESSED LED CAN LIGHTS AND LED SPOT LIGHT FIXTURE (ENTRY AREA)

CEILING FANS (OC TO CLEAN EXISTING)

CEILING FAN CONTROLS (TO REMAIN)

CHAIN-HUNG LED STRIP LIGHT FIXTURES (INSTALL NEW LED UNITS)

LED WALL ROCK LIGHTS (REPLACE EXISTING FIXTURES)

WALL MOTION DETECTORS (TO REMAIN)

LED HIGH BAY LIGHTS (REPLACE EXISTING UNITS / ADD INDICATED NEW UNITS); INCLUSIVE OF ANTICIPATED MISCELLANEOUS QTY NEW HANGERS/EYEBOLTS/CORDS.

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO RECEIVE, OFFLOAD, COUNT, NOTE & REPORT ANY DAMAGE TO OWNER AND SUPPLIER WITHIN 24 HOURS OF RECEIPT. STORE & SECURE UNDER LOCK & KEY DURING PROJECT.

-ELECTRICAL CONTRACTOR SHALL FURNISH/INSTALL ALL PIPING/BREAKERS, MATERIALS, CONNECTIONS, MISCELLANEOUS DEVICES, ETC. AS NECESSARY TO CREATE A FULLY OPERATIONAL AND CONTROLLABLE LIGHTING SYSTEM.

-CONTROL OF OPS OFFICE AND BREAKROOM LIGHTING SHALL BE VIA EXISTING WALL SWITCH. ELECTRICAL CONTRACTOR TO FURNISH/INSTALL NEW WALL SWITCHED CONTROLS INDICATED.

-ELECTRICAL SHALL RE-CIRCUIT / INSTALL NEW LIGHTS WITHIN EXPANDED PRODUCT PREP (SERVICE) AREA.

-ELECTRICAL SHALL FURNISH/INSTALL ALL ASSOCIATED WIRING, CONDUIT AND BOXES REQUIRED FOR INSTALLATION.

MISCELLANEOUS/GENERAL POWER:

-FURNISH/INSTALL POWER AND DATA DROPS INDICATED ON ELECTRICAL POWER PLAN WITHIN SALES AREAS.

-DISCONNECT EXISTING POWER TO EXISTING CASHWRAPS/CABINETS AT STOREFRONT SALES AREA.

-DISCONNECT/REMOVE EXISTING EMT DATA PIPING ABOVE EXISTING CASHWRAP LOCATIONS.

-FURNISH/INSTALL/MODIFY EXISTING POWER AT/TO NEW CASHWRAPS/CABINETS AT STOREFRONT SALES AREA. NEW POWER POLES PROVIDED BY OTHERS / RECONNECT EXISTING POWER TO NEW POWER POLES.

-FURNISH/INSTALL (1) NEW DATA BOX ALONG STOREFRONT WALL AT BACKWRAP CABINET. PROVIDE 3/4" CONDUIT TURNOUT TO DECK.

-FURNISH/MODIFY/EXTEND NEW EMPTY EMT PIPING TO NEW CASHWRAP LOCATIONS / TO NEW POWER POLE LOCATIONS.

-FURNISH/INSTALL (1) DUPLEX ABOVE NEW HM EXIT DOOR AT 90" AFF; EXTEND EXISTING CIRCUIT "90"-19" TO NEW 3070 DOOR 1020 / OPENING. PROVIDE FOR WIRING OF NEW PUSHBAR DETEX VALVE HANDBREW PER MANUFACTURER'S REQUIREMENTS.

-DISCONNECT EXISTING POWER AT EXISTING AIR COMPRESSOR. E.G. TO RELOCATE EXISTING POWER & ELECTRICAL SHUT OFF EQUIPMENT TO NEW INDICATED LOCATION & REINSTALL/RECONNECT. AIR COMPRESSOR TO BE MOVED/RELOCATED BY OTHERS.

-FURNISH /INSTALL NEW POWER AND NEW HOOKUP TO NEW AUTOMATIC STANLEY SLIDING DOORS 100A.

-FURNISH/INSTALL/RECONNECT EXISTING POWER AND NEW HOOKUP TO NEW CASHWRAPS/POWER POLES (BY OTHERS)

-FURNISH/INSTALL EXTEND/RELOCATE OF EXISTING POWER WITH NEW HOOKUP TO NEW OVERHEAD DOORS (BY OTHERS); INCLUDING INSTALL OF NEW KEYSWITCH CONTROL (BY OTHERS)

-FURNISH/INSTALL NEW POWER AND HOOKUP TO AIR COMPRESSOR (BY OTHERS)

EXHAUST MOTOR(S):

-BATHROOM: EXISTING

-PRODUCT PREP: M.C. TO FURNISH/INSTALL NEW 2850 CFM ROOFTOP EXHAUST FAN / CURB / ROOFING. SEE DUCTING & VENT DETAIL. E.G. TO FURNISH/INSTALL NEW POWER CIRCUIT. E.G. TO FURNISH/INSTALL RELB RELAY AND TIE NEW EXHAUST MOTOR INTO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM FOR EXHAUST CONTROL MEANS. DISCONNECT/SAFE OFF OLD ROOF EXHAUST MOTOR. VERIFY IF EXISTING ELECTRICAL CIRCUIT/POWER CAN BE REUSED FOR NEW SPECIFIED ROOF TOP EXHAUST MOTOR. E.G. TO ALERT ELECTRICAL ENGINEER WITH NEW FIELD INFO.

NTE BUILDING SIGNAGE

-FURNISH/INSTALL/MODIFY/EXTEND EXISTING 120V/20A SIGNAGE CIRCUITS AT STOREFRONT TO ACCOMMODATE TENANT'S NEW SIGNAGE / NEW LOCATIONS. E.G. TO COORDINATE WITH TENANT'S SIGNAGE INSTALLER TO DISCONNECT / CONNECT ALL NTE ILLUMINATED SIGN. ALL BUILDING SIGNAGES TO BE CONTROLLED VIA NEW EMS "OLEMI" SYSTEM. E.G. SHALL DISCONNECT/REMOVE EXISTING SIGNAGE CIRCUITS IN EXISTING ELECTRICAL PANELBOARD. PROVIDE NEW ELECTRICAL BOX; SEE EMS-1.

NEW AUTOMATIC SLIDING DOORS/OH DOORS:

-FURNISH/INSTALL DESIGNATED "EMERGENCY RELEASE" POWER CIRCUIT TO NEW AUTOMATIC SLIDING DOORS 100A / NEW DOORS. MAKE CONNECTIONS FOR FULL OPERATION FUNCTIONALITY OF DOORS. INCLUDED WITHIN DOOR SCOPE SHALL BE FIELD ADJUSTMENT AND TRAINING OF NTE STORE MANAGEMENT SYSTEMS. A QUALIFIED STANLEY CONTRACTOR TO BE PROVIDED.

-FURNISH/INSTALL DESIGNATED "EMERGENCY RELEASE" POWER TO NEW OPERATORS AT NEW OH DOORS AT EXHAUST MOTOR (OH DOOR PRODUCT PREP).

EXISTING:

-WIRE NEW MOTION DETECTORS. PROVIDE PIPE AND WIRE AS REQUIRED. REFER TO MECHANICAL SPECIFICATIONS.

-FURNISH/INSTALL NEW BOXES, MUD RINGS, EMT CONDUIT WITH PULL STRING AS REQUIRED FOR NTE THERMOSTATS FOR HVAC UNIT (BY OTHERS). SEE EMS-1 SHEET.

-FURNISH/INSTALL 4-SQUARE BOXES AT 8'-8" AFF FOR NEW THERMOSTATS AS INDICATED. PROVIDE 3/4" CONDUIT FROM BOXES TO DECK WITH TURN-OUT. SEE MECHANICAL PLANS FOR LOCATIONS.

PRESSURE WASH STATIONS:

-E.G. SHALL RELOCATE EXISTING WET RATED ELECTRICAL DEVICES AT EXTERIOR BACK WALL LOCATION ADJACENT TO EXISTING SWINGING HM DOORS OUT OF PRODUCT PREP ROOM. MOVE/RELOCATE EXISTING (1) 120V/20A 5-20R DEVICE AND (1) 208V/1P/30A 6-30R DEVICE. SEE POWER PLAN.

CEILING FANS:

-EXISTING / TO REMAIN

ELECTRICAL SYMBOL LEGEND table with columns: SYMBOL, DESCRIPTION, MTG. HGT. (AJUD.)

NOTES: 1. THESE SYMBOLS COMPRISE A STANDARD LIST; ALL SYMBOLS MAY NOT APPEAR ON THIS PROJECT. 2. MOUNTING HEIGHTS SHOWN ARE STANDARD AND SHALL BE USED UNLESS OTHERWISE INDICATED. MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE, UNLESS INDICATED OTHERWISE.

ELECTRICAL DRAWING INDEX table with columns: DRAWING, DRAWING TITLE

ABBREVIATION LEGEND table with columns: ABBREVIATION, DESCRIPTION

DEMOLITION NOTES:

- 1. PERFORM ALL DEMOLITION OF EXISTING ELECTRICAL SYSTEMS AS INDICATED ON ELECTRICAL AND ARCHITECTURAL PLANS OR NECESSARY FOR THE PROJECT. REMOVE FROM SITE AND PROPERLY DISPOSE OF ALL MATERIAL AND DEBRIS FROM THIS WORK.
2. DEMOLITION DRAWINGS ARE GENERAL IN NATURE SHOWING THE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE QUANTITY OF LIGHT FIXTURES, OUTLETS, ETC. REMOVE ALL EQUIPMENT AND DEVICES NO LONGER REQUIRED FOR FINISHED CONSTRUCTION. REMOVE CONDUITS BEYOND NEW SURFACES. REMOVE ALL EXISTING WIRE FROM CONDUIT BACK TO POINT OF COMMON USE OR TO PANELS.
3. REMOVE AND/OR RELOCATE EXISTING ELECTRICAL DEVICES ON WALLS OR CEILING BEING REMOVED. COORDINATE EXACT CONDITIONS WITH ARCHITECTURAL DRAWINGS.
4. FOR ALL DEVICES AND FIXTURES BEING REMOVED, REMOVE RELATED CONDUIT AND WIRING TO SOURCE. RE-LABEL EXISTING CIRCUIT BREAKERS AS "SPARE" WHEN LOAD IS COMPLETELY REMOVED OR REUSE LABEL ON PANEL DIRECTORY APPROPRIATELY.
5. PATCH ALL SURFACES TO MATCH SURROUNDING FOR DEVICES TO BE REMOVED FROM EXISTING WALL TO BE MAINTAINED. ALL CIRCUITS WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE MAINTAINED OR REWORKED AS REQUIRED. ANY EXISTING CIRCUITS OR CABLING SYSTEMS SERVING AREAS NOT AFFECTED BY DEMOLITION SHALL BE MAINTAINED.
6. ALL CIRCUITS SHALL BE VERIFIED WITH EXISTING DRAWINGS AND ACTUAL FIELD CONDITIONS PRIOR TO BEGINNING DEMOLITION.
7. EXISTING LIGHT FIXTURES BEING RELOCATED SHALL BE CLEANED AND RE-LAMPED. VERIFY CORRECT OPERATION OF EXISTING FIXTURE AND REPORT ALL FAULTY CONDITIONS TO THE ARCHITECT OR OWNER.
8. THE OWNER RESERVES THE RIGHT OF SALVAGE FOR ALL EXISTING ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION. THE CONTRACTOR SHALL REVIEW ALL MATERIALS AND DELIVER TO THE OWNER THOSE REQUIRED IN THEIR EXISTING CONDITION. ALL OTHER MATERIAL SHALL BE REMOVED BY THIS CONTRACTOR.
9. REMOVE DATA AND PHONE CABLING SYSTEM AS DIRECTED BY OWNER. NO CABLES SHALL BE REMOVED OR CUT WITHOUT APPROVAL FROM OWNER. ANY EXISTING CABLES TO REMAIN SHALL BE SUPPORTED STRUCTURE BEFORE CILING REMOVAL.

GENERAL NOTES:

- 1. REFER TO ARCHITECTURAL DRAWINGS AND OWNER PROVIDED DRAWINGS FOR LOCATION OF LIGHTING FIXTURES AND DEVICES.
2. LETTER THIS: "X" - INDICATES TYPE OF LIGHTING FIXTURES. REFER TO LIGHTING FIXTURE TYPES AS NOTED ON DRAWINGS.
3. DATA TELEPHONE AND TELEVISION CONDUIT SHALL BE MINIMUM 3/4" INCH UNLESS OTHERWISE NOTED ON DRAWINGS.
4. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK.
5. FINAL CONNECTIONS TO EQUIPMENT SHALL BE PER MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
6. FOR ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A PULLWIRE OR EQUAL AND SHALL BE IDENTIFIED AT ALL JUNCTION, PULL, AND TERMINATION POINTS USING PERMANENT METALLIC TAGS. TAG SHALL INDICATE INTENDED USE OF CONDUIT, ORIGINATOR AND TERMINATION POINTS OF EACH INDIVIDUAL CONDUIT.
7. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY. THE ENGINEER RESERVES THE RIGHT TO APPROVE METHODS AND MATERIALS NOT REFLECTED HEREIN.
8. CONTRACTOR SHALL REVIEW ALL MECHANICAL, STRUCTURAL, AND MECHANICAL DRAWINGS. ALL SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, AND RACEWAY CONDUITS, ETC., AND ASSOCIATED CIRCUITING IN ALL AREAS AND RELOCATED AREAS, EVEN IF SUCH AREAS ARE NOT SHOWN ON ELECTRICAL DRAWINGS, LAUNDRY, FIXTURE TYPES, COORDINATE WITH ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL INCLUDE COSTS FOR THE ABOVE.
9. WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER TO THE SATISFACTION OF THE OWNER.
10. ALL MATERIALS AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, NATIONAL FIRE ALARMS CODES AND ORDINANCES.
11. PROVIDE PERMITS AND INSPECTIONS REQUIRED.
12. GUARANTEE THE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USAGE FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE. DEFECTS SHALL BE PROMPTLY REMEDIED WITHOUT COST TO THE OWNER.
13. VERIFY THE EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS PRIOR TO ROUGH-IN.
14. SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE CORRECTIONS NECESSARY AT NO COST TO OWNER.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT FIELD WIRING OR FACTORY WIRING IN EQUIPMENT PROVIDED BY THIS CONTRACTOR.
16. SYSTEMS SHALL BE COMPLETE, OPERABLE, AND READY FOR CONTINUOUS OPERATION. LIGHTS, SWITCHES, RECEPTACLES, MOTORS, ETC. SHALL BE CONNECTED AND OPERABLE.
17. ALL WIRING SHALL BE INSTALLED IN LISTED METALLIC RACEWAYS. RACEWAYS IN SLAB-ON-GRADE OR BELOW GRADE SHALL BE SCHEDULE 40 PVC. TRANSITIONS FROM BELOW TO ABOVE GRADE SHALL BE WITH RIGID STEEL ELBOWS WITH PVC JACKET OR PROMOTED EQUAL PROTECTION. EMT FITTINGS SHALL BE WALLABLE RIBON OR STEEL. CONNECTORS SHALL BE INSULATED TIGHT TYPE.
18. FINAL CONNECTIONS TO MOTORS, TRANSFORMERS, AND OTHER VIBRATING EQUIPMENT SHALL BE WITH LIQUID-TIGHT FLEX METAL CONDUIT AND FITTINGS. DO NOT SECURE CONDUITS, DISCONNECTS, OR DEVICES TO DUCTWORK OR MECHANICAL EQUIPMENT.
19. ALL ELECTRICAL SYSTEMS COMPONENTS SHALL BE LISTED OR LABELED BY UL OR OTHER RECOGNIZED TESTING FACILITY.
20. ELECTRICAL CONTRACTOR SHALL PROPERLY BALANCE ALL BRANCH CIRCUITS BETWEEN ALL PHASES OF THE SYSTEM, REGARDLESS OF CIRCUITING INDICATED.
21. MULTI-PHASE LOADS SHALL BE PROTECTED BY MULTI-POLE CIRCUIT BREAKERS HAVING COMMON TRIP AND SINGLE HANDLE. HANDLE TIES AND THROUGH CLIPS OR PINS ARE UNACCEPTABLE.
22. MULTI-WIRE BRANCH CIRCUITS SHALL REQUIRE A MULTI-POLE BREAKER AS A MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES PER NEC 210.4(B).
23. ALL CONDUCTORS SHALL BE COPPER, TYPE 75 DEGREE C, MINIMUM SIZE #12.
24. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES AND ARCHITECTURAL DRAWINGS TO ELIMINATE CONFLICTS.
25. INSTALL NEW SERVICE DISTRIBUTION EQUIPMENT AS SPECIFIED ON ELECTRICAL DRAWINGS.
26. ELECTRICAL DEVICES AND COVER-PLATES SHALL BE WHITE. DEVICES AND COVER-PLATES WITHIN THE ACCENT COLOR ON THE WALL SHALL BE WHITE. ALL OTHER ELECTRICAL DEVICES AND COVER-PLATE SHALL BE WHITE.
27. CONTRACTOR IS RESPONSIBLE TO SECURE AND PAY FOR ALL PERMITS. CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL, AND NATIONAL CODES (NEC). CONTRACTOR SHALL SCHEDULE INSPECTIONS SO JOB PROGRESS IS NOT DELAYED.
28. PRIOR TO CONSTRUCTION START CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND OPERATION MANUAL FOR ALL EQUIPMENT AND ACCESSORIES FOR OWNER APPROVAL.
29. PROVIDE FLEXIBLE CONDUIT FOR ALL VIBRATING EQUIPMENT. PROVIDE FLEXIBLE CONDUIT FOR LIGHT FIXTURE CONNECTIONS.
30. ELECTRICAL EQUIPMENT EXPOSED TO WEATHER CONDITIONS SHALL BE WEATHERPROOF TYPE. CONDUIT EXPOSED TO WEATHER CONDITIONS OR IN CONTACT WITH CONCRETE SHALL BE POLYVINYL CHLORIDE (PVC) OR GALVANIZED HEAVY WALL STEEL (GRG).
31. CONTRACTOR SHALL SUBMIT AS BUILT DRAWINGS TO THE OWNER IF INSTALLATION VARIES FROM CONTRACT DRAWINGS.
32. FIELD VERIFY ALL ELECTRICAL CONDITIONS PRIOR TO BID. OWNER WILL NOT BE RESPONSIBLE FOR CHANGES DUE TO CONTRACTOR FAILURE TO VERIFY ELECTRICAL EQUIPMENT AND CONDITIONS.

Order Plans

MICHAEL CRISLIP ARCHITECT

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NORTHERN TOOL + EQUIPMENT

Project No: 17483
Drawn By: CGB
Date: 03-09-20
Inn For Construction Only

E0.00

ELECTRICAL SYMBOLS & GENERAL NOTES