LIGHTING **POWER ABBREVIATIONS** NON-FUSED SAFETY SWITCH 2x4 FLUORESCENT FIXTURE ABOVE FINISHED FLOOR - ASSOCIATED CONTROL DEVICE ----NEMA ENCLOSURE FIXTURE TYPE (SEE LIGHT FIXTURE SCHED.) - AMPERE RATING ABOVE FINISHED GRADE AUTHORITY HAVING JURISDICTION (4) FJ 60AS FUSED SAFETY SWITCH, TOP NUMBER INDICATES AMPERE INTERRUPTING CAPACITY 0 1x4 FLUORESCENT FIXTURE SWITCH AMPERE RATING, LOWER NUMBER AMERICAN WIRE GAUGE INDICATES FUSE RATING 1x8 FLUORESCENT FIXTURE BELOW FINISHED GRADE —NEMA ENCLOSURE BUILDING 2x2 FLUORESCENT FIXTURE BOTTOM OF STEEL MAGNETIC MOTOR STARTER, FVNR UNLESS CONDUIT, CONDUCTOR CATV INDICATED OTHERWISE UNDERCABINET FLUORESCENT FIXTURE CABLE TELEVISION — NEMA ENCLOSURE CIRCUIT BREAKER CLOSED CIRCUIT TELEVISION FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT CCTV ///5/// —NEMA SIZE (TYP.) CEILING CPT CONTROL POWER TRANSFORMER FIXTURE WIRED TO UNSWITCHED NORMAL CIRCUIT COMBINATION FUSED DISCONNECT/MAGNETIC CURRENT TRANSFORMER MOTOR STARTER FIXTURE WIRED TO UNSWITCHED EMERGECY CIRCUIT FIRST NUMBER INDICATES CIRCUIT BREAKER DIGITAL ALARM COMMUNICATOR TRANSMITTER DACT AMPERE RATING DIRECT BURIED Ø DOWN LIGHT SECOND NUMBER INDICATES CIRCUIT NEMA DISC DISCONNECT STARTER SIZE --FLUORESCENT STRIP ELECTRICAL METALLIC TUBING COMBINATION FUSED DISCONNECT/MAGNETIC EWC ELECTRIC WATER COOLER WALL MOUNTED FIXTURES MOTOR STARTER EQP EQUIPMENT NUMBERS INDICATE DISCONNECT AMPERE EXIST EXISTING TRACK LIGHTING RATING/FUSE RATING/NEMA STARTER SIZE FIRE ALARM ANNUNCIATOR FACP FIRE ALARM CONTROL PANEL POLE MOUNTED SITE LIGHTING FIXTURE NON-FUSED DISCONNECT/MAGNETIC MOTOR FB0 FURNISHED BY OTHERS FIXTURE TYPE (SEE LIGHT FIXTURE SCHED.) STARTER FLR FLOOR FIRST NUMBER INDICATES AMPERE RATING FURNISHED WITH EQUIPMENT FLOOD LIGHT \Box SECOND NUMBER INDICATES NEMA STARTER SIZE FUSE GENERATOR GEN WALL WASH LIGHT FIXTURE ELECTRIC MOTOR, NUMBER INDICATES GFCI GROUND FAULT CIRCUIT BREAKER HORSEPOWER RATING GROUND EXIT SIGN, CEILING MOUNTED HORSEPOWER —SHADING INDICATES SIGN FACE HEATER -ARROW INDICATES EGRESS DIRECTION • FPO EMERGENCY POWER OFF PUSH BUTTON STATION ISOLATED GROUND INTERMEDIATE METAL CONDUIT EXIT SIGN, WALL MOUNTED ———— CONDUIT TURNING UP THOUSAND CIRCULAR MILS **KCMIL** CONDUIT TURNING DOWN KILOVOLT DUAL HEAD EMERGENCY LIGHT BATTERY PACK KILOVOLT-AMPERE EY CONDUIT SEAL KILOVOLT-AMPERE REACTIVE REMOTE EMERGENCY LIGHTING HEAD KILOWATT SINGLE RECEPTALCE, 5-20R KILOWATT-HOUR WP WP WALL PACK LIGHTNING ARRESTER DUPLEX RECEPTACLE, NEMA 5-20R LIGHTING OCCUPANCY SENSOR E - INSTALLED ON EMERGENCY CIRCUIT METAL CLAD -INDICATES CONTROLLED FIXTURE MAIN CIRCUIT BREAKER -INDICATES AIMING DIRECTION IG – ISOLÁTED GROUND MANUFACTURER S – SWITCHED RECEPTACLE MINERAL INSULATED HOME RUN MAIN LUG ONLY DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE, MOUNTED 3-WAY TOGGLE SWITCH NEMA 5-20R MEDIUM VOLTAGE NORMALLY CLOSED 4-WAY TOGGLE SWITCH ₩P_ GFCI DUPLEX RECEPTACLE, NEMA 5-20R NATIONAL ELECTRICAL CODE NEGATIVE SINGLE POLE TOGGLE SWITCH NEUTRAL -INDICATES CONTROLLED FIXTURE SINGLE RECEPTALCE, 5-20R, NOT IN CONTRACT FLOOR OUTLET, UNLESS OTHERWISE NOTED NORMALLY OPEN DIMMER SWITCH, INCANDESCENT OR FLUORESCENT NOT TO SCALE AS REQUIRED DUPLEX RECEPTACLE, NEMA 5-20R, POWER FACTOR FLOOR OUTLET, UNLESS OTHERWISE NOTED SINGLE POLE DOUBLE THROW TOGGLE SWITCH, POLYVINYL CHLORIDE CENTER POSITION OFF DOUBLE DUPLEX (QUADRUPLEX), RECEPTACLE, NEMA 5-20R, FLOOR OUTLET UNLESS OTHERWISE RSC RIGID STEEL CONDUIT OCCUPANCY SENSOR SWITCH NOTED RESISTANCE TEMPERATURE DETECTOR SOLID NEUTRAL TOGGLE SWITCH WITH PILOT LIGHT HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA SHIELDED TWISTED PAIR 5-20R SHIELDED TWISTED TRIPLET TIMER SWITCH, SPRING WOUND SWITCHBOARD HOSPITAL GRADE DOUBLE DUPLEX (QUADRUPLEX) SWGR SWITCHGEAR WEATHER PROOF RECEPTACLE, NEMA 5-20R TOP OF STEEL TRANSFORMER EXPLOSION PROOF TRANSIENT VOLTAGE SURGE SUPPRESSOR HOSPITAL GRADE GFCI DUPLEX RECEPTACLE, NEMA TVSS DUAL LEVEL SWITCHING VOLT-AMPERE POWER RECEPTACLE, 240 VOLT NEMA VOLT-AMPERE REACTIVE DAYLIGHT SENSOR CONFIGURATION AS NOTED WATT METER WEATHER PROOF LIGHTING CONTACTOR POWER RECEPTACLE, 480 VOLT NEMA XFMR TRANSFORMER CONFIGURATION AS NOTED EXPLOSION PROOF OCCUPANCY SENSOR RELAY MULTI OUTLET ASSEMBLY PHOTO CONTROL PANELBOARD, NORMAL POWER TIME CLOCK PANELBOARD, EMERGENCY POWER ENCLOSED CIRCUIT BREAKER LINE TYPES AMPERE RATING HS H/O/A LOCAL SELECTOR SWITCH ----- EXISTING H/O/A - HAND/OFF/AUTO — NEW JUNCTION BOX ---- DEMOLITION MANUAL MOTOR STARTER, TOGGLE OPERATED, SINGLE PHASE, 1 OR 2 POLE AS REQUIRED ——— MATCHLINE (NO OVERLOAD PROTECTION) -·-·- PARTPLAN OUTLINE MANUAL MOTOR STARTER, TOGGLE OPERATED, SINGLE PHASE. 1,2 OR 3 POLE AS REQUIRED, OVERLOAD PROTECTION POWER POLE PUSH BUTTON STATION TRANSFORMER VARIABLE AIR VOLUME CONTROL ACTUATORS SURGE SUPPRESSION DEVICE

GENERAL NOTES

- 1. ALL GENERAL NOTES, SYMBOL LISTS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.
- 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
- 3. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE PROVIDED BY DIVISION 26000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
- 4. UNLESS OTHERWISE NOTED CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFF, LIGHTING TOGGLE SWITCHES 48-INCHES AFF, DATA SYSTEM OUTLETS 18-INCHES AFF, FIRE ALARM NOTIFICATION DEVICES 80-INCHES AFF OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER, AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES TO TOP OF DEVICE.
- 5. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION.
- 6. ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED.
- 7. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
- 8. UNLESS OTHERWISE NOTED WIRING SHALL BE 2#12 AWG CONDUCTORS AND #12 GND. HOME RUNS FED FROM 20A-1P CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG.
- 9. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT, UNLESS OTHERWISE NOTED.
- 10. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 120 VOLT, SIDE WIRED AND PROVIDED WITH GROUNDING SCREW. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT.
- 11. CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE GROUNDING TYPE NEMA 5-20R, SIDE WIRED. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT.
- 12. PROVIDE WALL PLATES FOR ALL WIRING DEVICES, NYLON SMOOTH TYPE IN FINISHED AREAS AND GALVANIZED IN UNFINISHED AREAS.
- 13. ALL WIRING SHALL BE 600V, COPPER WITH THHN/THWN INSULATION. 14. ALL WIRING SHALL BE IN CONDUIT. EXPOSED LOCATIONS SHALL BE RGS OR EMT. CONCEALED SPACES & THE LAST 6' FEET
- 3/4" MINIMUM CONDUIT SIZE. 15. OBTAIN AND PAY FOR ALL NECESSARY PERMITS REQUIRED BY

BEFORE CONNECTING TO A LIGHT FIXTURE MAY BE MC CABLE.

LAW AND LOCAL INSPECTION AUTHORITIES TO PERFORM THE ELECTRICAL WORK SPECIFIED HEREIN. 16. PANELBOARD SHALL BE 3 PHASE, 4WIRE SQUARE D OR EQUAL.

PROVIDE WITH COPPER BUS & SEPARATE NEUTRAL & GROUND

- 17. PROVIDE ALL ELECTRICAL GROUNDING TO CONFORM TO ARTICLE 250 OF THE N.E.C.
- 18. ALL MANUAL MOTOR STARTERS & DISCONNECTS SHALL BE HEAVY DUTY TYPE.
- 19. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT AND LABOR TO COMPLETE ELECTRICAL SYSTEMS AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN. THE INTENT OF THESE SPECIFICATIONS AND CONTRACT DRAWINGS IS TO PROVIDE COMPLETE INSTALLATION OF THE VARIOUS SYSTEMS DESCRIBED HEREIN AND INDICATED ON THE DRAWINGS. ANY LISTING OR INDICATION OF ITEMS FURNISHED OR WORK TO BE PERFORMED SHALL NOT BE COMPLETE IN ITSELF AND SHALL NOT LIMIT THE GENERAL REQUIREMENTS TO FURNISH AND INSTALL WORK, EQUIPMENT, ACCESSORIES, CONTROLS, ETC., TO COMPLETE THE CONTRACT IN A SUBSTANTIAL MANNER.

WILSON

04/18/2013 Revision/Issue Date

General Notes

ISSUED FOR

CONSTRUCTION



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Project Name and Address TAXI CAB WAITING ROOM

Sheet Title LEGEND & SPECIFICATIONS

Project Number: 13-103	Sheet:
Date: Issued For Construction 04/18/2013	$\mathbb{E}-\mathbb{C}$
Scale: Reference Individual Drawings	