

- 1. COORDINATE ALL RECEPTACLE LOCATIONS & HEIGHTS WITH EQUIPMENT MANUFACTURER CUTSHEETS PRIOR TO ROUGH- N.
- 2. COORDINATE ALL NON-EQUIPMENT RELATED RECEPTACLE LOCATIONS AND

HEIGHTS WITH ARCHITECTURAL DRAWINGS.

GENERAL NOTES:

1. PROVIDE SURFACE MOUNTED 120/208V. 3PH. 4W. 42 CIRCUIT 400A POWER FEED THRU PANEL MP, SEE SCHEDULE. ROUTE IN 2-2" CONDUITS AND FEEDER THROUGH THE EXTERIOR WALL. EC SHALL CORE-DRILL WALL AS REQUIRED AND SEAL ALL AS REQUIRED TO COMPLY WITH LOCAL CODES. ELECTRICAL TRADE SHALL EXTEND FEEDERS AND CONDUIT TO NEW 400A MAIN DISCONNECT AT METER ASSEMBLY. EXTEND AND MAKE ALL FINAL CONNECTION TO METER ASSEMBLY. REFER TO ONE LINE DIAGRAM ON SHEET E1.

2. PROVIDE NEW DEDICATED NIGHT LIGHTING FEEDER ROUTED TO POWER PANEL "MP". CIRCUIT AS NOTED ON PLANS. ROUTE 2-#12 IN 3/4" CONDUIT TO 20A 1P. BREAKER. IDENTIFY BREAKER AS 24HR/NL. PROVIDE LOCKED BREAKER.

3. PROVIDE SURFACE MOUNTED 120/208V. 3PH. 4W. 42 CIRCUIT 400A SUB-POWER PANEL PLP, SEE SCHEDULE. ROUTE 2-2" CONDUITS AND FEEDERS TO 400A MAIN DISTRIBUTION PANEL "MP". EXTEND AND MAKE ALL FINAL CONNECTIONS AS REQUIRED TO COMPLY WITH LOCAL CODE. REFER TO ONE LINE DIAGRAM ON SHEET E1.

4. PROVIDE SURFACE MOUNTED GENERAL RECEPTACLE. ELECTRICAL SHALL PROVIDE FEEDER AND ROUTE TO NEW PANEL LOCATION. EXTEND AND MAKE ALL FINAL CONNECTIONS. ROUTE #12 FEEDER IN 3/4" CONDUIT OR AS PER CODE TO 20A 1P BREAKER AS REQUIRED. EXTERIOR RECEPTACLE SHALL BE WP

5. WIRE NEW EXIT LIGHTING FIXTURES TYPE XR TO SEPARATE UN-SWITCHED SOURCE CIRCUIT. WIRE IN SEPARATE RACEWAY. WIRING IS NOT SHOWN FOR CLARITY. CLEARLY IDENTIFY EXIT LIGHTING CIRCUIT FEEDER UNIT EQUIPMENT IN POWER PANEL AS NOTED. EXIT FIXTURE SHALL BE CAPABLE WITH

6. PROVIDE ILLUMINATED BATTERY EMERGENCY LIGHTING AS REQUIRED BY CODE. EMERGENCY LIGHTING SHALL PROVIDE A MINIMUM OF ONE FOOT-CANDLE AT THE FLOOR LEVEL. ELECTRICAL CONTRACTOR SHALL PROVIDE DEDICATED FEEDER TO NEW 24HR/ NIGHT LIGHTING EMERGENCY BRANCH CIRCUIT AS LIGHTING IN THE AREA SERVED. CONNECT AHEAD OF ANY LOCAL SWITCHING. ROUTE CIRCUIT TO LOCAL POWER AS NOTED ON PLANS. CLEARLY IDENTIFY LIGHTING CIRCUIT FEEDER UNIT EQUIPMENT PER LOCAL AUTHORITY AND NEC ELECTRICAL CODE. VERIFY FIXTURE LOCATION NOT TO EXCEED 9'-0" AFF.

7. PROVIDE EXTERIOR WALL MOUNTED EMERGENCY EXIT FIXTURE AS NOTED ON PLANS, INSTALLED ABOVE DOORS. REFER TO ARCHITECT'S PLANS FOR REQUIRED ELEVATION. THIS TRADE SHALL ROUTE 2-#12 IN 3/4" CONDUIT CIRCUIT FEEDERS WITH FULL SIZE GROUND TO FIXTURE FROM PANEL MP. POINT OF SERVICE SHALL BE ROUTED THRU PHOTOCELL. THIS TRADE SHALL ROUTE FEEDER ON INTERIOR WALL ONLY. CIRCUIT SHALL BE NON-SWITCHED.FIXTURES SHALL PROVIDE A MINIMUM OF 1.0FC'S AT THE MEANS OF EGREES.

8. PROVIDE REMOTE BATTERY EMERGENCY LIGHTING LED HEAD AS REQUIRED BY CODE. EMERGENCY LIGHTING HEAD SHALL PROVIDE A MINIMUM ILLUMINATION AT THE EXTERIOR DOOR. WIRE TO EXIT LIGHT AS IN AREA SERVED. CONNECT AHEAD OF ANY LOCAL SWITCHING. CLEARLY IDENTIFY EXIT CIRCUIT FEEDER UNIT EQUIPMENT PER LOCAL AUTHORITY AND LOCAL EM ELECTRICAL CODE. COORDINATE FIXTURE VOLTAGE WITH EXIT FIXTURE XR AND ADJUST AS REQUIRED. REFER TO ARCHITECTURAL PLANS FOR FIXTURE ELEVATION.

9. PROVIDE NEW EXTERIOR RATED FOR ENTRY 400A 120/208V. 3PH. 4W. METER ASSEMBLY. ELECTRICAL TRADE SHALL INSTALL PER ALL COMED STANDARDS. THIS TRADE SHALL BE REQUIRED TO COORDINATE THE INSTALLATION C/T/ METER AND 400A EXTERIOR MAIN DISCONNECT WITH THE COMED ENGINEER. INSTALLATION AS REQUIRED BY UTILITY AND LOCAL INSPECTIONS. REFER TO ONE-LINE DIAGRAM. ELECTRICAL SHALL VERIFY THE METER ASSEMBLY NUMBER WITH COMED BEFORE ORDERING AND INSTALLATION.

ELECTRICAL CODE INFORMATION:

A. ALL WIRING SYSTEMS SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE AND NOT FROM CEILING GRID, TILES, OR SUPPORT WIRES/ CABLES. ALL SUCH WORK SHALL BE NEATLY CABLED/ BUNDLED TOGETHER. ALL LOW-VOLTAGE WIRING SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING IN AREAS THAT ARE NOT ACCESSIBLE.

B. FIRE SEAL ALL PENETRATIONS AFTER REMOVAL AND/OR INSTALLATION OF CONDUIT, DEVICES, BOXES, POKE-THRU'S AND ETC WITH APPROVED FIRE-STOP COMPOUND.

C. ALL LOW-VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT WHERE

D. MULTIWIRE BRANCH CIRCUITS WITH A "SHARED NEUTRAL ARE NOT

LOCAL ORDINANCE AND AMENDMENTS. G. FOR ALL NEW WORK, COPPER WIRING SHALL BE IN STALLED IN RIGID

HEAVY-WALL GALVANIZED STEEL CONDUIT OR ELECTRICAL METALLIC TUBING. THE EXCEPTION IS THE USE OF A SECTION OF FLEXIBLE GREENFIELD METAL CONDUIT, NOT TO EXCEED 6'-0" IN LENGTH IN DRY LOCATION ONLY. CONDUIT SYSTEM SHALL BR RUN (90) DEGREES PARALLEL TO THE PUT SIDE WALLS.

I. ALL CONDUIT EXPOSED TO WEATHER OR IN CONCRETE MUST BE RIGID HEAVY WALL TYPE WITH THREADED-ON CONNECTORS AND COUPLINGS OR COMPRESSION TYPE FITTINGS. THE USE OF PVC CONDUITS AND FITTINGS SHALL BE ACCEPTABLE. ALL PVC USAGE SHALL BE CONFIRMED WITH THE LOCAL AUTHORITY BEFORE INSTALLATION AND/OR BIDDING.

J. CONNECTORS AND/OR COUPLINGS INSTALLED IN DRY LOCATIONS MAY BE OF THE SETSCREW TYPE, THREADED CONNECTIONS AND COUPLINGS OR COMPRESSION TYPE.

- PHOTOCELL PER NOTES

SECURITY PARKING LIGHT

PLP-10 -

6 POLE ELECTRICALLY HELD

SEE SEQUENCE.

CONTACTOR IN NEMA-3 ENCLOSURE,

ROUTED THRU TIMECLOCK/PHOTOCELL.

- TIMECLOCK PER NOTES

CONTROL DIAGRAM



NOT ACCESSIBLE, INCLUDING CONTROL WIRE.

ALLOWED FOR SINGLE PHASE CIRCUITS.

E. EMERGENCY LIGHTING CIRCUIT JUNCTION BOXES SHALL BE SO MARKED AND IDENTIFIED WITH CIRCUIT NUMBERS AND PANEL INFORMATION.

F. ISO-GROUND RECEPTACLES SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE ELECTRICAL CODE, APPLICABLE CODE YEAR AND ALL

H. THE USE OF ARMORED FLEXIBLE CABLE (BX) IS PROHIBITED ON ALL NEW WORK. GENERAL USE OF FLEXIBLE GREENFIELD METAL CONDUIT IN WALLS SHALL BE PROHIBITED.

LIGHTING CONTROL SCHEDULE

WALL MOUNTED FIXTURE WITH BACK BOX.

REFER TO ARCHITECTURAL PLANS FOR

PROPOSED GAS METER

PLP-12

(ON ROOF)

ELEVATIONS, TYPICAL OF 2.

SERVICE GROUND POINT

SEE SCHEDULE -

TIME CLOCK SHALL BE TORK T103 - 2 CIRCUIT T ME CLOCK(NO SUBSTITUTES). TORK TIME CLOCK "ON" CONTROL TO BE ACTUATED BY THE TIME CLOCK WHICH WHICH SHALL ACTIVATE THE CIRCUITS CONTROL OF THE SECURITY LIGHTING AND THE CONTACTOR FOR GENERAL LIGHTING AND SIGNS. "OFF" CONTROL TO BE ACTUATED BY THE TIME CLOCK.
ELECTRICAL TRADE SHALL PROVIDE SQUARE "D" CLASS 8903
ELECTRICALLY HELD LIGHTING CONTACTOR HAVING THE REQUIRED NUMBER

OF 20AMP POLES AND ENCLOSURE, TO CONTROL EXTERIOR LIGHTING, PYLON SIGN SEQUENCE OF OPERATION: ON CONTROL: T ME CLOCK SHALL ACTUATE ON SET TIME OF ONE-HALF HOUR BEFORE

OFF CONTROL: TIME CLOCK SHALL ACTUATE ON SET TIME OF 1 HOUR AFTER NORMAL TENANT CLOSING HOURS. CLOSING THE CONTACTOR FOR THE PARKING LIGHTING, BUILDING LIGHTING AND PYLON SIGNS. TURNING LIGHTING OFF. SECURITY LIGHTING SHALL REMAIN ON UNTIL

DISCONNECT LOCATION:

SIGN LIGHTING.

ROOF ACCESS

A MAIN BREAKER OR DISCONNECT LOCATED WITHIN 3'-0' AND IN SITE OF ANY DISTRIBUTION PANEL, SUB-PANEL, BREAKER PANEL, MOTOR, CONTROL CENTER AND FUSE PANEL. EACH DISCONNECT MEANS SHALL BE LEGIBLY MARKED TO INDICATE IT'S PURPOSE. MARKING SHALL BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED ALL TO BE IN COMPLIANCE WITH NATIONAL ELECTRICAL CODE.

SUNSET ACTIVATING THE CONTACTOR FOR BOTH THE SECURITY AND PARKING, BUILDING AND DAWN WHERE THEY SHALL SHUT OFF VIA TIME CLOCK. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE REVISIONS

