CLASSIFIED AREA: CLASS 1, DIVISION 2: ENTIRE SPACE WITHIN OIL PIT AND 18" ABOVE FLOOR LEVEL, EXTENDING 3'-0" HORIZONTALLY IN ALL DIRECTIONS FROM OIL PIT.

ONLY THE UNDERGROUND CONDUITS SHOWN ON THE PLANS SHALL ENTER THE CLASS 1, DIVISION 2 AREA OF THE OIL PIT.

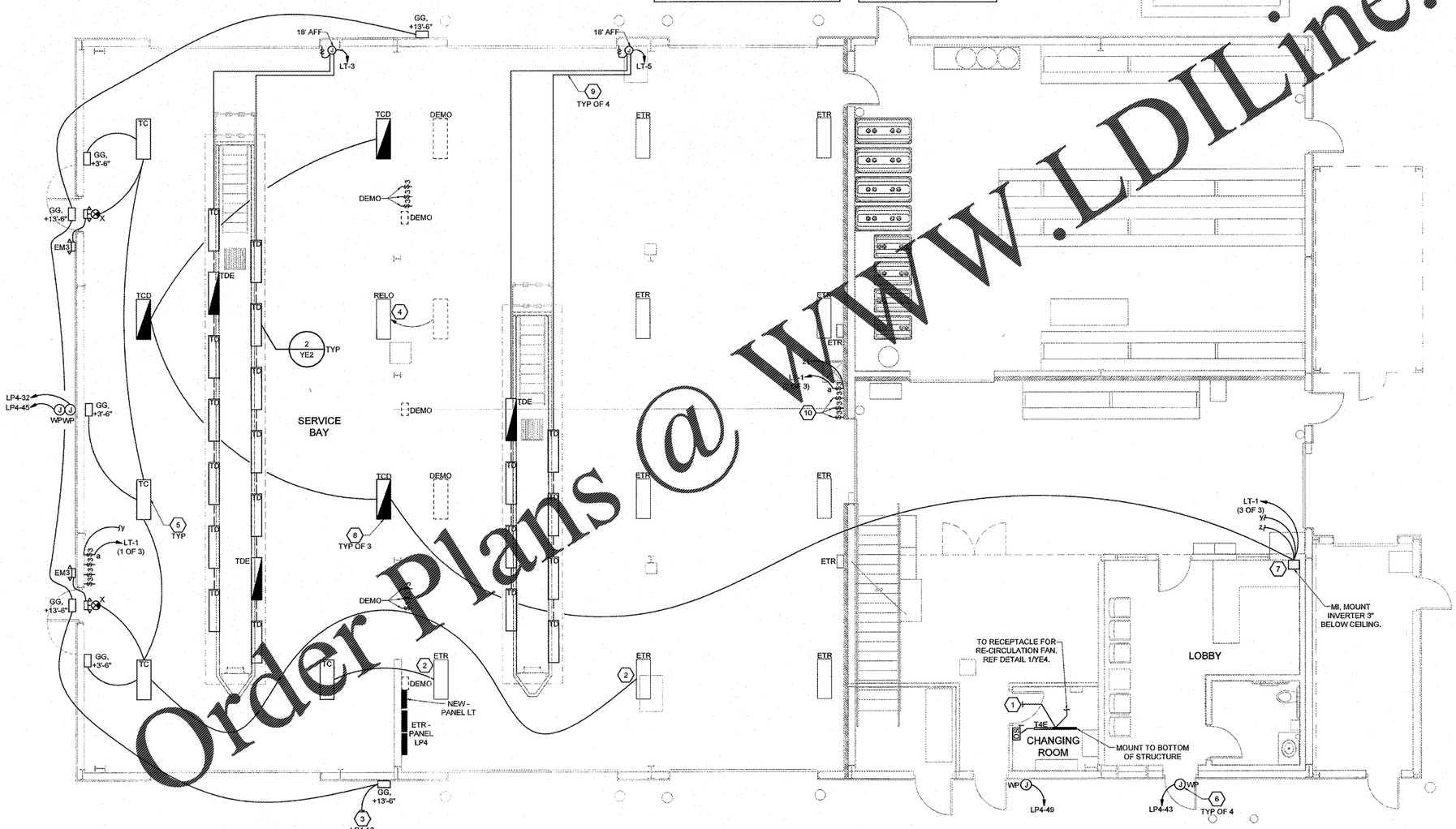
WHERE EXPOSED, CONDUIT AND WIRING SHALL BE ROUTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO BUILDING LINES. (TYP.)

VERIFY SCOPE OF WORK FOR EXTERIOR SIGNAGE WITH GENERAL CONTRACTOR AND COORDINATE ALL REQUIRED ELECTRICAL WORK.

VERIFY HEIGHT, LOCATION AND FUNCTIONALITY OF EXISTING PHOTO-CELL TO ENSURE PROPER CONTROL OF EXTERIOR LIGHTING

REPLACE ANY MISSING, DAMAGED OR BROKEN LIGHT LENSES, SWITCHES AND COVERPLATES THROUGHOUT THE INTERIOR AND EXTERIOR OF THE BUILDING

ROUTE CONDUIT ON INTERIOR SIDE OF WALL, SEAL PENETRATIONS AS REQUIRED. (TYP. OF EXTERIOR WALL MOUNTED FIXTURES)



1 LIGHTING FLOOR PLAN
SCALE: 3/16"=1'-0"

LIGHTING NOTES

1. EXIT SIGN MOUNTING
   A. WALL FIXTURE: CENTER 12" ABOVE DOOR OPENING.
   B. CEILING/PENDANT FIXTURE: ON CEILING OR AT HEIGHT SPECIFIED ON DRAWINGS.
   C. THE USE OF TRITIUM BASED RADIOACTIVE EXIT SIGNAGE SHALL NOT BE ALLOWED.
2. EMERGENCY LIGHT INSTALLATION FIXTURE MOUNTING
   A. WALL FIXTURE: 12" BELOW FINISHED CEILING OR +10'-0" IN AREAS OF EXPOSED STRUCTURE UNLESS NOTED OTHERWISE.
   B. PENDANT FIXTURE: BOTTOM CHORD OF STRUCTURE OR AT HEIGHT SPECIFIED ON DRAWINGS.
   C. REMOTE HEAD FIXTURE: HEADS CENTERED ABOVE DOOR OPENING 9'-0" UNLESS NOTED OTHERWISE.
   ELECTRICAL CONNECTION
   REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS. ALLOW BATTERY TO CHARGE CONTINUOUSLY FOR A MINIMUM OF 168 HOURS BEFORE INITIAL TESTING.
   AFTER EMERGENCY LIGHT HAS BEEN POWERED, DO NOT TURN OFF FOR EXTENDED PERIODS OF TIME.
3. EXIT SIGNS AND EMERGENCY LIGHTS SHALL BE FED FROM THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THAT AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES OR TIME CLOCKS.
4. EMERGENCY EXIT ILLUMINATION SHALL BE SUPPLIED FROM STORAGE BATTERY THAT IS TO PROVIDE 90 MINUTES OF CONTINUED ILLUMINATION IN CASE OF PRIMARY POWER LOSS.
5. PROVIDE SEPARATE BOXES FOR GANGED SWITCHES ON SEPARATE BRANCH CIRCUITS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING THAT ALL NEW LIGHT FIXTURES WORK PROPERLY. REPORT DEFECTIVE OR DAMAGED COMPONENTS TO OWNER.
7. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS TO MAINTAIN BRANCH CIRCUITS TO EXISTING LIGHT FIXTURES THAT ARE TO REMAIN. WHERE EXISTING CIRCUITS ARE ROUTED IN AREAS BEING DEMOLISHED, RE-ROUTE IN NEW CONSTRUCTION AND RECONNECT.
8. CONTRACTOR SHALL FURNISH AND INSTALL UNISTRUT AS REQUIRED TO MOUNT FIXTURES TO STRUCTURAL MEMBERS.
9. CONDUIT AND WIRING IN AREAS WHERE EXPOSED SHALL BE ROUTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO BUILDING LINES.

KEYNOTES

1. CONNECT TO EXISTING CIRCUIT CURRENTLY SERVING AREA LIGHTING. VERIFY EXISTING CIRCUIT CAN ACCOMMODATE NEW LOAD.
2. CONNECT TO EXISTING CIRCUIT AND CONTROLS CURRENTLY SERVING AREA LIGHTING. VERIFY EXISTING CIRCUIT CAN ACCOMMODATE NEW LOAD.
3. CONNECT TO EXISTING CIRCUIT ROUTED THROUGH LIGHT CONTRACTOR CURRENTLY SERVING EXTERIOR LIGHTING. VERIFY EXISTING CIRCUIT CAN ACCOMMODATE NEW LOAD.
4. MAINTAIN EXISTING CIRCUITRY AND CONTROLS CURRENTLY SERVING LIGHT FIXTURE.
5. MOUNT TO BOTTOM OF STRUCTURE. PROVIDE UNISTRUT AND ALL NECESSARY HARDWARE TO ATTACH LIGHTS AS NEEDED. DO NOT SUSPEND WITH NON-RIGID MATERIAL SUCH AS, BUT NOT LIMITED TO, AIRCRAFT CABLE OR CHAIN.
6. REFERENCE ARCHITECTURAL ELEVATIONS FOR LOCATION AND MOUNTING HEIGHT FOR SIGNAGE. ROUTE CIRCUIT THROUGH EXISTING 12-POLE LIGHTING CONTACTOR.
7. ROUTE SWITCH LEG AND HOT LEG OF LIGHTING CIRCUIT FROM 3-WAY SWITCHES TO LIGHTING INVERTER. REFER TO MANUFACTURER'S WIRING DIAGRAM.
8. ROUTE CIRCUIT FOR HATCHED LIGHTS THROUGH MINI-INVERTER LOCATED IN LOBBY. E.C. SHALL PROVIDE ALL WIRING REQUIRED FOR DIMMING BETWEEN LIGHT FIXTURES AND INVERTER. REFER TO MANUFACTURER'S WIRING DIAGRAM.
9. PROVIDE SEAL-OFFS WHERE CONDUITS STUB UP FROM CONCRETE AT WALL FOR OIL PIT LIGHTING. CONDUITS SHALL BE GRC OR IMC. REF DETAIL 4/YE2 FOR CONDUIT SEAL-OFF DETAIL.
10. EXISTING TO REMAIN 3-WAYS SWITCHES. MAINTAIN EXISTING LIGHTING CONTROLS FOR EXISTING TO REMAIN LIGHT FIXTURES IN SERVICE BAY. WIRE SWITCHES WITH NEW 3-WAYS SWITCHES IN SERVICE BAY.

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