



GENERAL NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL DEVICES TO BE GROUNDED.

ELECTRICAL NOTES

INDICATED BY THE SYMBOL ON THE DRAWINGS. (I.E. INDICATES NOTE 1)

NOTE 1: APPROXIMATE LAYOUT OF EXISTING POOL GROUNDING GRID, LOCATED BELOW POOL LEVEL IN CRAWL SPACE BELOW DECK ("POOL TUNNEL, POOT"). EXISTING CONDUCTIVE MATERIALS SUCH AS FLOOR DRAINS, SCUPPERS & LADDERS HAVE EXISTING GROUNDING CONNECTIONS; RE-USE EXISTING GROUNDING CONNECTIONS TO GRID IF CONDUCTIVITY IS ACCEPTABLE. FOR ANY NEW CONNECTIONS, CONTRACTOR IS TO SUPPLY NEW GROUND WIRE AND CONNECTORS; SUPPLY AND INSTALL #6 CU GROUND FOR EACH NEW CONNECTION.

NOTE 2: DISCONNECT EXISTING WALL MOUNTED SCOREBOARD UNIT. RECONNECT NEW SCOREBOARD UNIT. REUSE EXISTING 120V CONNECTION. SUPPLY EITHER HARD WIRE CONNECTION OR NEW 120V RECEPTACLE. CONFIRM REQUIREMENTS WITH MANUFACTURER.

NOTE 3: DISCONNECT EXISTING SHOT CLOCKS. CAP EXISTING WIRE FOR RE-USE. SUPPLY NEW SURFACE MOUNTED JUNCTION BOX WITH COVER FOR FUTURE CONNECTION.

NOTE 4: SUPPLY AND INSTALL 1PR #22 AWG SHIELDED CABLE IN 3/4 INCH EMT CONDUIT FROM SCOREBOARD LOCATION TO CONTROL CONSOLE LOCATION. SUPPLY NEW SURFACE MOUNTED DEVICE BOX. COVERPLATE C/W CONNECTOR AND CONNECTION TO CONSOLE TO BE SUPPLIED BY SCOREBOARD MANUFACTURER.

POWER/GROUNDING LAYOUT

SCALE: 1:50
0m 1m 2m 3m 4m 5m

ELECTRICAL LEGEND

- BRANCH CIRCUIT FEEDER RUN CONCEALED IN CEILINGS AND WALLS, #12AWG MINIMUM. NUMBER OF SOLID STROKES INDICATES QUANTITY OF POWER CONDUCTORS. DASHED STROKES INDICATE SPECIAL GROUNDING CONDUCTORS WHERE REQUIRED. SEE ELECTRICAL SPECIFICATIONS FOR WIRING METHODS AND CONDUCTOR SIZES.
- EXISTING #6 CU GROUNDING SYSTEM LOCATED BELOW DECK LEVEL. EXISTING WIRING IS EXPOSED IN CRAWL SPACE BELOW.
- #6 CU GROUNDING CONNECTION TO EXISTING GROUND SYSTEM. SUPPLY ALL COMPONENTS REQUIRED TO CONNECT METAL PARTS OF EQUIPMENT ON POOL DECK TO EXISTING GROUND GRID.
- LED HIGH-BAY FIXTURE ON CIRCUIT "2" FROM PANEL "3180". FIXTURE CONTROLLED FROM LOW VOLTAGE SWITCH "b". FIXTURE TYPE "1" AS PER LUMINAIRE LEGEND.
- LED IN-POOL LIGHTING FIXTURE WITH SYMBOL INTERPRETATION AS ABOVE.
- THREE-GANG TOGGLE SWITCH, FLUSH WALL MOUNTED 46" A.F.F., UNLESS INDICATED OTHERWISE. VOLTAGE RATING OF SWITCHES SHALL BE AS INDICATED BY THE CIRCUIT DESCRIPTION.
- JUNCTION BOX OR DIRECT CONNECTION OF EQUIPMENT AS INDICATED ON THE DRAWINGS.
- 120/208V AND 347/600V PANELS RESPECTIVELY
- EXISTING 120V DUPLEX RECEPTACLE, C/W HINGED COVERPLATE.
- DEFINITIONS:**
- A.F.F. - ABOVE THE FINISHED FLOOR
- GFCI - GROUND FAULT CIRCUIT INTERRUPTER