



1 PARTIAL FIRST FLOOR ELECTRICAL PLAN
 SCALE: 1/4" = 1'-0"



PLAN NOTES:

- 1 PROVIDE (2) HUBBELL/KILLARK VMS6034/VF6485 WELDING OUTLET DISCONNECT SWITCH/PLUG SETUP IN EACH WELDING BOOTH. STUB GALVANIZED RIGID METAL CONDUIT UP THROUGH FLOOR AND CONNECT CIRCUITRY TO EACH OUTLET. PROVIDE GALVANIZED UNISTRUT MOUNTING FRAME TO SUPPORT DISCONNECTS AT APPROXIMATELY 48" AFF. PROVIDE DEDICATED LOW VOLTAGE OUTLET WITH METAL GASKETED FLIP COVERS MOUNTED TO UNISTRUT FRAME.
- 2 CONNECT CIRCUITRY TO TANK MANIFOLD SYSTEM PER MANUFACTURER'S REQUIREMENTS.
- 3 CONNECT CIRCUITRY TO WELDING BOOTH LIGHT CIRCUIT PER MANUFACTURER'S REQUIREMENTS.
- 4 CONNECT CIRCUITRY TO GRINDING BOOTH LIGHTING AND RECEPTACLE CIRCUIT PER MANUFACTURER'S REQUIREMENTS.
- 5 PROVIDE (1) HUBBELL/KILLARK VMS6034/VF6485 WELDING OUTLET DISCONNECT SWITCH/PLUG AT COLUMN LOCATION. STUB GALVANIZED RIGID METAL CONDUIT UP THROUGH FLOOR AND CONNECT CIRCUITRY TO DISCONNECT SWITCH. MOUNT DISCONNECT AT APPROXIMATELY 48" AFF ON COLUMN.
- 6 COORDINATE CONNECTION REQUIREMENTS TO OWNER SUPPLIED EQUIPMENT WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS. PROVIDE DISCONNECTING MEANS AS NECESSARY IF EQUIPMENT IS NOT SUPPLIED WITH INTEGRAL DISCONNECT SWITCH.
- 7 CONNECT CIRCUITRY TO TANK MANIFOLD SYSTEMS IN APPROXIMATE LOCATIONS SHOWN. FIELD VERIFY EXACT LOCATIONS AND CONNECTION REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- 8 PROVIDE 480V/3PH RECEPTACLE AND MATCHING PLUG TO SERVE PLASMA CUTTER IN APPROXIMATE LOCATION SHOWN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

GENERAL NOTES:

- 1) RE. SHEET 6100 & 6200 FOR GENERAL NOTES AND LEGEND.
- 2) COORDINATE FINAL LOCATION AND CONNECTION REQUIREMENTS WITH OWNER FOR ALL OWNER-PROVIDED EQUIPMENT.

WIRING LEGEND:

- 1 (B) #4 ANG, AND (1) #10 ANG GROUND IN 1-1/4" C.
- 2 (2) #4 ANG, AND (1) #10 ANG GROUND IN 1" C.

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SEAL:

REVISIONS:

- FR #01 - 04/03/2014
- FR #04 - 01/26/2015

ISSUE DATE: 6/24/2014
 REASON FOR ISSUE: Construction
 PROJECT NUMBER: 13-133
 PROJECT PHASE: CD

SHEET TITLE:
PARTIAL FIRST FLOOR ELECTRICAL PLAN

SHEET NUMBER:

E131

InSite Group Project Number: 13-4208-0