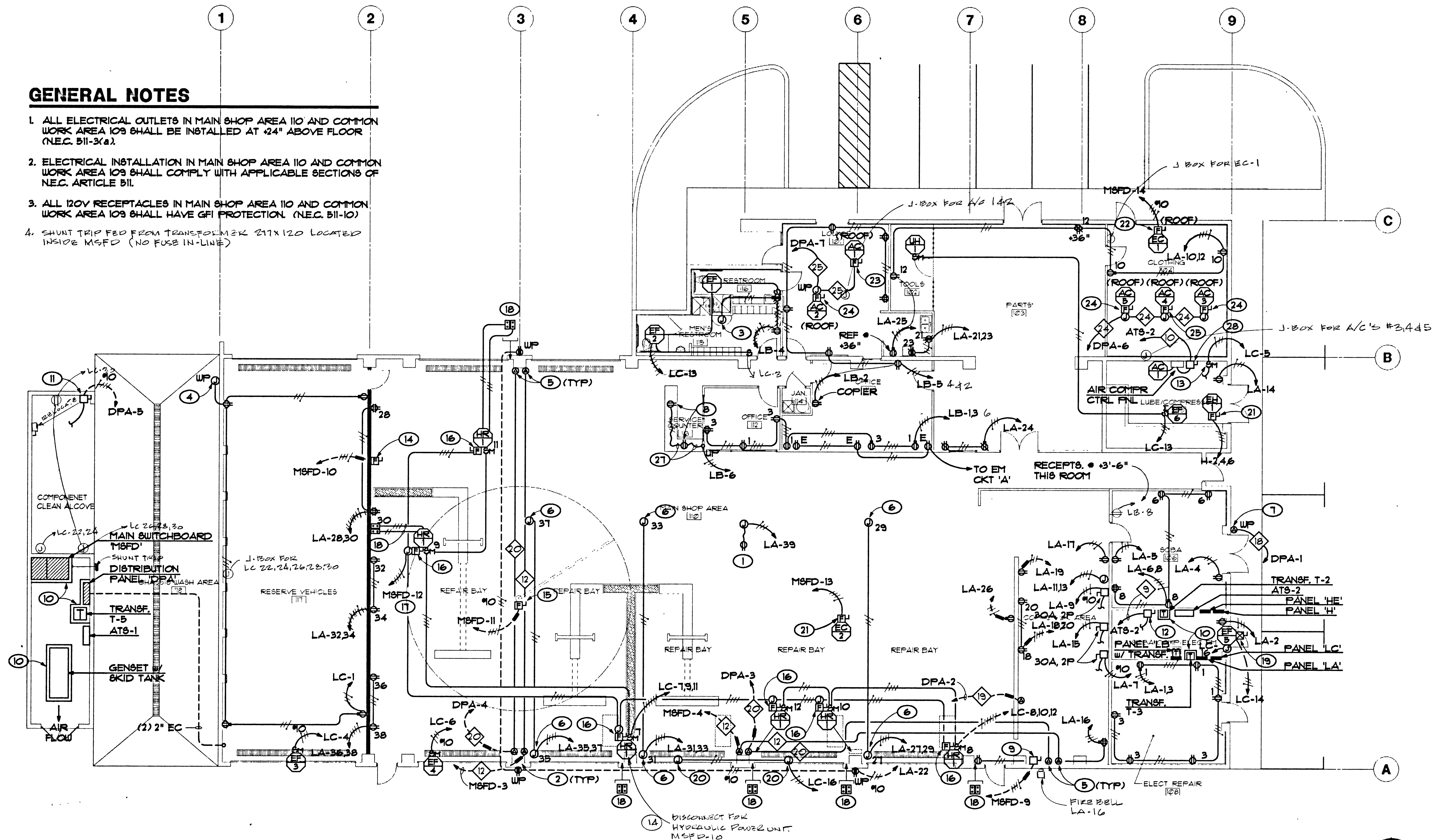


GENERAL NOTES

1. ALL ELECTRICAL OUTLETS IN MAIN SHOP AREA 110 AND COMMON WORK AREA 109 SHALL BE INSTALLED AT 24" ABOVE FLOOR (N.E.C. 511-3(a)).
2. ELECTRICAL INSTALLATION IN MAIN SHOP AREA 110 AND COMMON WORK AREA 109 SHALL COMPLY WITH APPLICABLE SECTIONS OF N.E.C. ARTICLE 511.
3. ALL 120V RECEPTACLES IN MAIN SHOP AREA 110 AND COMMON WORK AREA 109 SHALL HAVE GFI PROTECTION. (N.E.C. 511-10)
4. SHUNT TRIP FED FROM TRANSFORMER 217X120 LOCATED INSIDE MSFD (NO FUSE IN-LINE)



POWER PLAN

SCALE: 1/8" = 1' - 0"

SHEET NOTES

1. PROVIDE DROP PENDANT OUTLET PER DETAIL SHEET E-1.
2. PROVIDE SEAL-OFF FITTING AT HORIZONTAL BOUNDARY OF CLASS 1 LOCATIONS PER N.E.C. 511-5.
3. CONNECT TO INFRARED HANDWASH EQUIPMENT AS REQUIRED.
4. CONNECT TO HEATING UNIT AT EYEWASH/DRENCH STATION.
5. PROVIDE WELDER OUTLET TO MATCH OWNER'S EQUIPMENT CORD CAP.
6. PROVIDE J-BOX OUTLET AND FLEX CONNECTION TO "TRAPEZE" (FBO) MOUNTED RECEPTACLE (SEE GENERAL NOTE 3).
7. PROVIDE PORTABLE AIR PACK COMPRESSOR OUTLET TO MATCH EQUIPMENT CORD CAP.
8. MOUNT INDICATED OUTLET IN CASEWORK AS DIRECTED BY ARCHITECT.
9. PROVIDE 30A, 3 POLE, H/D, N/F SAFETY SWITCH COMPLETE WITH GROUND BAR KIT AND FLEX CONNECTION TO BRIDGE CRANE CONTROL PANEL (FBO). VERIFY EXACT LOCATION AND REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO BEGINNING WORK.
10. PROVIDE 4" HIGH CONCRETE EQUIPMENT PAD WITH 4" APRON. DOUEL TO FLOOR IF NOT MONOLITHIC POUR.
11. PROVIDE 30A, 2 POLE, N/F, NEMA 3R SAFETY SWITCH COMPLETE WITH GROUND BAR AND NEUTRAL ASSEMBLY. CONNECT WITH FLEX TO WASH EQUIPMENT CONTROL PANEL AS REQUIRED. VERIFY LOCATION AND REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO BEGINNING WORK.
12. PROVIDE 200A, 3 POLE, H/D, N/F SAFETY SWITCH COMPLETE WITH GROUND BAR. CONNECT WITH FLEX TO AIR PACK COMPRESSOR AS REQUIRED. VERIFY LOCATION AND REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO BEGINNING WORK.
13. PROVIDE HP RATED TOGGLE SWITCH FOR AIR DRYER DISCONNECT. CONNECT AIR DRYER WITH FLEX AS REQUIRED.
14. PROVIDE 30A, 3 POLE, FUSIBLE, H/D SAFETY SWITCH FOR HYD. POWER UNIT DISCONNECT. CONNECT WITH FLEX TO POWER UNIT. VERIFY LOCATION AND REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO BEGINNING WORK. FUSE PER MANUFACTURER'S INSTRUCTIONS.
15. PROVIDE 30A, 3 POLE, FUSIBLE, H/D SAFETY SWITCH FOR JIB CRANE. MOUNT SWITCH AT 42" ON CRANE WITH METAL BANDS. CONNECT TO MOTORS WITH FLEX AS REQUIRED. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO BEGINNING WORK. FUSE PER MANUFACTURER'S INSTRUCTIONS.
16. PROVIDE 30A, 3 POLE, H/D SAFETY SWITCH FOR EXHAUST FAN. FUSE CIRCUIT DOWN TO 125% OF MOTOR FLA.
17. 10 AWG TYPICAL ENTIRE CIRCUIT.
18. PROVIDE CONDUIT AND WIRE AND CONNECT HOSE REEL AND EXHAUST FAN CONTROL STATIONS (FBO) AS REQUIRED. VERIFY REQUIREMENTS WITH DIV. 15 PRIOR TO BEGINNING WORK.
19. PROVIDE NEMA 812, DISCONNECT SWITCH TYPE COMBINATION STARTER COMPLETE. FUSE AT 125% OF MOTOR FLA.
20. PROVIDE J-BOX POWER FOR MOTOR OPERATED DAMPERS.
21. PROVIDE 30A, 3 POLE, H/D SAFETY SWITCH FOR UNIT DISCONNECT. FUSE AT 125% OF UNIT FLA.
22. SIMILAR TO (21) EXCEPT 60A AND NEMA 3R.
23. PROVIDE 30A, 2 POLE, H/D NEMA 3R SAFETY SWITCH WITH 30A FUSETRONS.
24. SIMILAR TO (23) EXCEPT 25A FUSETRONS.
25. SIMILAR TO (22) EXCEPT 20A FUSETRONS.
26. NOT USED.
27. ROUTE FLEX CONDUIT CONCEALED THRU CASEWORK.
28. PROVIDE 60A, 3 POLE, H/D SAFETY SWITCH FOR UNIT DISCONNECT. FUSE AT 125% OF UNIT FLA.

SHEET E-4

1. Add a weather proof, GFI type duplex receptacle complete with UG conduit and No. 10 wire at north wall of component clean alcove. Circuit to spare 20A, one pole breaker in panel LA.
2. Add a dedicated duplex receptacle in Room 106 (SCBA) on wall common with shop on strike side of door for communications backboard. Provide conduit and wire to panel LB and circuit to spare 20A, one pole breaker.
3. ROLL-UP REELS ON INDIVIDUAL CIRCUITS (120V). CKT # 15, 17, 19, 21, 23, 25, 18, & 20 PANEL LC.



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The Contractor shall check and verify all dimensions and report all errors and omissions to this office prior to commencing work. These drawings are not to be scaled.

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Seal

Revisions
No. Date Description

Date 11-22-93

Drawn DEF

Checked FTH

Project No. 93115

Project

CITY OF LAS VEGAS

**FIRE EQUIPMENT
SERVICE CENTER
(FESC)**

Las Vegas, Nevada 89101

Drawing Title
POWER PLAN

Drawing No.

E-4

630-26A