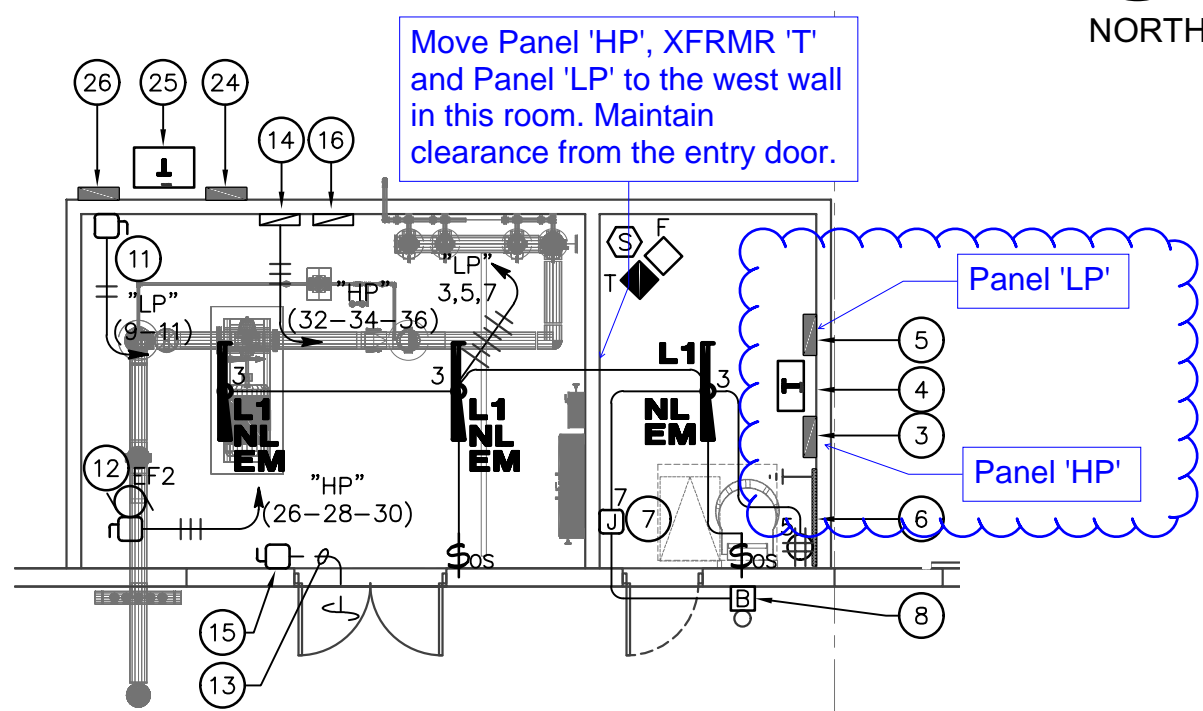
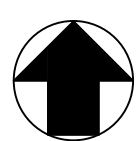


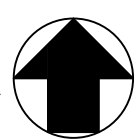
ELECTRICAL OVERALL FLOOR PLAN

SCALE: 1/16" = 1'-0"



ENLARGED ELECTRICAL OWNER'S ROOM

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



KEYED NOTES

- REFER TO ENLARGED FLOOR PLANS, SHEET E-300, FOR ADDITIONAL INFORMATION.
- ELECTRICAL SERVICE ENTRANCE SECTION.
- PANEL "HP". VERIFY ELECTRICAL EQUIPMENT WILL HAVE PROPER WORKING SPACE PER NEC 110.26.
- 30KVA STEP DOWN TRANSFORMER. VERIFY ELECTRICAL EQUIPMENT WILL HAVE PROPER WORKING SPACE PER NEC 110.26.
- PANEL "LP". VERIFY ELECTRICAL EQUIPMENT WILL HAVE PROPER WORKING SPACE PER NEC 110.26.
- 4"x8"x3/4" PLYWOOD TELEPHONE MOUNTING BOARD "TMB" WITH (1) #6 BOND TO BUILDING STEEL PER NEC ARTICLE 800. EXTEND (4) 4" EMPTY CONDUITS FROM MAIN TMB. VERIFY LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN.
- FIRE ALARM CONTROL PANEL (F.A.C.P.). VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- FIRE ALARM BELL. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- REFER TO ENLARGED FLOOR PLAN, THIS SHEET, FOR ADDITIONAL INFORMATION.
- PROVIDE (11) 3" EMPTY CONDUITS OUT OF SES, PAST THE OWNERS ROOM AND STUB UP FOR FUTURE USE. COORDINATE EXACT STUB UP LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
- ELECTRIC UNIT HEATER - 208V 1Ø 3kW, PROVIDE WITH THERMOSTAT. PROVIDE HEAVY DUTY 30AMP 240V 2P2F NEMA 1 DISCONNECT SWITCH.
- ROOF MOUNTED EXHAUST FAN - 480V 3Ø 2HP (3.4FLA). FAN TO BE INTERLOCKED WITH FIRE PUMP. FAN SHALL RUN WHEN FIRE PUMP OPERATES. PROVIDE HEAVY DUTY 30AMP 600V 3P3F NEMA 1 DISCONNECT AND PROVISIONS FOR INTERFACE WITH FIRE PUMP.
- FEEDER SHALL NOT BE ROUTED THROUGH THE BUILDING. EITHER SURFACE MOUNTED ON THE EXTERIOR OR UNDERGROUND PER NEC 695.
- ELECTRICAL JOCKEY PUMP CONTROL PANEL (480V/3Ø, 2.0HP, 3.4FLA). PROVIDE (3) #12's Cu., (1) #12 Cu. E.G. - 3/4" C.
- FIRE PUMP DISCONNECT SWITCH. SEE ONE-LINE DIAGRAM, SHEET E-500, FOR ADDITIONAL INFORMATION AND REQUIREMENTS. PROVIDE MOTOR RATED SWITCH AS LOCAL DISCONNECT MEANS.
- ELECTRICAL FIRE PUMP CONTROLLER (BY OTHERS) 480V/3Ø, 100 H.P., 124 FLA, 725 LRC. SEE ONE-LINE DIAGRAM, E-4, FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- FORKLIFT CHARGER - PROVIDE HEAVY DUTY 600V 3Ø 3P3F NEMA 1 DISCONNECT SWITCH (480V 3Ø 9.6FLA). VERIFY EXACT LOCATION AND MOUNTING WITH OWNER PRIOR TO ROUGH-IN.
- 120V 1Ø 10FLA RECEPTACLE FOR PALLET WRAP MACHINE. VERIFY EXACT LOCATION AND MOUNTING WITH OWNER PRIOR TO ROUGH-IN.
- 120V 20A HVAC MAINTENANCE GFCI PER NEC 210.63 WITH WHILE-IN-USE COVER. ELECTRICAL CONTRACTOR SHALL TIE ROOFTOP RECEPT INTO CIRCUIT "LSW"-25. TYPICAL OF (2) LOCATIONS.
- 120V 20A HVAC MAINTENANCE GFCI PER NEC 210.63 WITH WHILE-IN-USE COVER. ELECTRICAL CONTRACTOR SHALL TIE ROOFTOP RECEPT INTO CIRCUIT "LSM"-1. TYPICAL OF (2) LOCATIONS.
- 120V 20A HVAC MAINTENANCE GFCI PER NEC 210.63 WITH WHILE-IN-USE COVER. ELECTRICAL CONTRACTOR SHALL TIE ROOFTOP RECEPT INTO CIRCUIT "LSE"-29. TYPICAL OF (3) LOCATIONS.
- OVERHEAD DOOR OPERATOR - 480V, 3Ø, 6FLA (VERIFY EXACT ELECTRICAL REQUIREMENTS AND LOCATIONS PRIOR TO ROUGH-IN). PROVIDE HEAVY DUTY 30AMP 600V 3P3F NEMA 1 DISCONNECT SWITCH. TYPICAL OF (10) LOCATIONS.
- FOURPLEX FOR 120V 1Ø 6FLA DOCK LEVELER. VERIFY EXACT LOCATION, MOUNTING AND REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. TYPICAL OF (10) LOCATIONS.
- PANEL "HSM".
- 75KVA STEP DOWN TRANSFORMER.
- PANEL "LSM".

VOLTAGE DROP NOTE:

- ALL 120V RECEPTACLE CIRCUITS LONGER THAN 125'-0" SHALL BE #10 CU. IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.
- ALL 120V RECEPTACLE CIRCUITS LONGER THAN 160'-0" SHALL BE #8 CU. IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.
- ALL 120V RECEPTACLE CIRCUITS LONGER THAN 240'-0" SHALL BE #6 CU. IN 1" CONDUIT UNLESS NOTED OTHERWISE AND REDUCE TO #8 CU. AT THE CIRCUIT BREAKER.
- ALL 120V RECEPTACLE CIRCUITS LONGER THAN 370'-0" SHALL BE #4 CU. IN 1" CONDUIT UNLESS NOTED OTHERWISE AND REDUCE TO #8 CU. AT THE CIRCUIT BREAKER.

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SUN STATE
BUILDERS

VIP PRODUCTS
GOODYEAR, AZ.
ELECTRICAL OVERALL WAREHOUSE PLAN

E-200
40012.010
24FEB21
CITY COMMENTS
14MAY21

BALMER
architectural group

DESIGN CODES
IECC. 2018 NEC. 2017

ELECTRICAL CONTRACTOR SHALL NOTIFY DESIGNER/ENGINEER PRIOR TO ANY DEVIATION FROM THIS SET OF ELECTRICAL DESIGN PLANS. ANY CHANGES TO THE DESIGN, IF APPROVED BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE FEE.

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IF DRAWING IS NOT PLOTTED AT 24 X 36 THEY ARE NOT FULL SIZE