



THIRD FLOOR POWER PLAN
1/8" = 1' - 0"



ROOM NUMBERS AND NAMES

- 300 WAITING VESTIBULE
- 301 RANGE OBSERVATION
- 302 FIRING RANGE 4 LANES
- 303 HVAC
- 304 RANGE EQUIPMENT STORAGE
- 305 MAINTENANCE
- 306 STORAGE
- 307 ELECTRICAL
- 308 CORRIDOR
- S300 STAIR
- S301 STAIR

NOTES

- 1 16" X 16" X 10" D PULL BOX FLUSH MOUNTED IN WALL FOR FIRING RANGE CONTROL EQUIPMENT. MOUNT PULL BOX 8'-0" AFF AT FIRING LINE, VERIFY WITH THE RANGE MANUFACTURER PRIOR TO ROUGH-IN. MOUNT "CONTROL ROOM" PULL BOX 19" AFF TO THE BOTTOM OF BOX. RUN ONE (1) - 2" CONDUIT TO CONNECT BOXES.
- 2 2 - 4" CONDUITS AND 1 - 2" PVC CONDUIT RISE FROM BELOW. THEY THEN TURN AND PENETRATE THE EXTERIOR WALL TO FEED POLICE RADIO ANTENNA. PROVIDE WEATHERHEADS ON EXTERIOR SIDE FOR ALL CONDUITS. COORDINATE EXTERIOR PENETRATION HEIGHT WITH ARCHITECT.
- 3 GROUND BAR - SEE DETAIL B/E200.
- 4 EQUIPMENT TO BE WEATHERPROOF NEMA 3R RATED FOR OUTDOOR USE.
- 5 COORDINATE MOUNTING HEIGHT WITH TRAP. SWITCH SHOULD BE BELOW AND BEHIND TRAP.
- 6 DUPLEX RECEPTACLE MOUNTED IN LIGHT COVE IN RANGE CEILING. RECEPTACLES SHALL BE CONTROLLED BY LIGHTING CONTROL SYSTEM RELAY AND DIGITAL SWITCH IN RANGE OBSERVATION ROOM.
- 7 RECEPTACLE FOR RANGE VACUUM SYSTEM, ONE - 30A TWIST LOCK RECEPTACLE EQUAL TO HUBBELL #NEMA 15-30R. MOUNT RECEPTACLE 9' - 0" AFF. VERIFY WITH RANGE MANUFACTURER FOR EXACT SPECIFICATIONS OF RECEPTACLE AND LOCATION.
- 8 RECEPTACLE FOR RANGE SENSOR. VERIFY WITH RANGE MANUFACTURER FOR MOUNTING AND FINAL LOCATION PRIOR TO ROUGH-IN.
- 9 EQUIPMENT AND DEVICES ASSOCIATED WITH FIRING RANGE ALTERNATE #5.
- 10 VFD BY HC FOR COOLING TOWER H3a IS LOCATED IN BOILER ROOM 303. MAKE CONNECTION TO VFD AHEAD OF NEMA 3R DISCONNECT ON ROOF AT EQUIPMENT.
- 11 MOUNT JUNCTION BOX IN CEILING AND EXTEND AN ADDITIONAL .5" CONDUIT TO CONTROL BOX IN RANGE VIEWING ROOM FOR CONTROL WIRING.