

GENERAL SHEET NOTES

- BAYS 201:
- CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF NEC ARTICLE 511.
 - THE BAYS SHALL BE CONSIDERED A MINOR REPAIR GARAGE AS DEFINED BY NEC 511.2. THEREFORE, THE GARAGE AREA SHALL CONFORM TO NEC 511.3(D).
 - LIGHTER-THAN-AIR GASEOUS FUEL WILL NOT BE UTILIZED.
 - AREA FROM FLOOR TO 18" ABOVE FLOOR SHALL BE CONSIDERED CLASS I, DIVISION 2 LOCATION.
 - ALL OUTLETS AND DEVICES SHALL BE MOUNTED 48" A.F.F. MINIMUM U.N.O.
 - PROVIDE SEAL-OFFS ON ALL CONDUITS THAT PENETRATE THE FLOOR OF BAY AREA OR ROUTED THROUGH AREA FROM FLOOR TO 18" ABOVE FLOOR.

KEYED NOTES

- MOTORIZED ROLLUP DOORS. EXTEND 3/4" CONDUIT WITH PULLCORD TO JUNCTION BOX AT 48" FROM MOTOR FOR ROLLUP DOOR CONTROLS. FOR PROVIDE AND INSTALL THERMAL SWITCH ON MOTOR AS REQUIRED.
- 220V RECEPTACLES FOR WELDERS. COORDINATE AND VERIFY FINAL LOCATION WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.
- 240V-60A-2P HEAVY-DUTY, FUSIBLE DISCONNECT SWITCH WITH GROUND AND SOLID NEUTRAL. FUSE AS RECOMMENDED BY UNIT MANUFACTURER.
- JUNCTION BOX FOR CONNECTION OF MOTORIZED DAMPER.
- EXTEND CIRCUIT THROUGH ASTRONOMICAL TIMECLOCK AND THEN THROUGH CIRCUIT INDICATED. USE #10 CONDUCTORS THROUGHOUT.
- 240V-30A-3P WEATHERPROOF, HEAVY-DUTY FUSIBLE DISCONNECT SWITCH WITH GROUND AND SOLID NEUTRAL. FUSE AS RECOMMENDED BY UNIT MANUFACTURER.
- 4-HOUR TWIST-TIMER TO CONTROL EXHAUST FANS AS INDICATED ON PLANS. REFER TO EVAPORATIVE COOLER/EXHAUST FAN CONTROL DIAGRAM FOR ADDITIONAL INFORMATION.
- EVAPORATIVE COOLER CONTROL SWITCHES, 3 SWITCHES TOTAL. ONE SWITCH SHALL BE ON/OFF SWITCH, ON SWITCH SHALL CONTROL HI-LO SPEEDS OF FAN, AND ONE SWITCH SHALL CONTROL ON/OFF FOR WATER RECIRCULATING PUMP. REFER TO EVAPORATIVE COOLER/EXHAUST FAN CONTROL DIAGRAM FOR ADDITIONAL INFORMATION.
- NOT USED.
- TWO SWITCHES FOR DUAL LEVEL LIGHTING. ONE SWITCH SHALL CONTROL THE ONE LAMP, AND THE OTHER SWITCH SHALL CONTROL THE REMAINING LAMPS.
- JUNCTION BOX FOR CONNECTION OF INSTANTANEOUS WATER HEATER. EXTEND 3/8" AND 1/4" GROUND TO A 25A/2P CIRCUIT BREAKER IN PANEL "B". REFER TO PLUMBING PLANS FOR EXACT LOCATIONS. CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT.
- ASTRONOMICAL TIMECLOCK SIMILAR TO TORQ #T2-220L OR APPROVED EQUAL.
- SECURITY SYSTEM KEYPAD. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SECURITY PANEL. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- STUB OUT 3" CONDUIT 5'-0" FROM PANELBOARD "B" FOR FUTURE CONNECTION. REFER TO ELECTRICAL SITEPLANS FOR ADDITIONAL INFORMATION.
- 120V SMOKE DETECTOR WITH BATTERY BACKUP. INTERLOCK SMOKE DETECTOR WITH FIRE/SMOKE DAMPER TO CLOSE WHEN SMOKE IS DETECTED. PROVIDE DRY-CONTACTS AND CONTROL WIRING AS REQUIRED FOR CONNECTION.
- JUNCTION BOX FOR FIRE/SMOKE DAMPER.
- PROVIDE AND INSTALL A REMOTE INDICATOR LIGHT WITH LABEL. WALL MOUNTED, FOR FIRE/SMOKE DAMPER. MOUNT REMOTE INDICATOR LIGHT 48" A.F.F. CONNECT REMOTE INDICATOR TO MOTORIZED DAMPER. REMOTE INDICATOR LIGHT SHALL ILLUMINATE WHEN FIRE/SMOKE DAMPER IS CLOSED. EXTEND 3/4" CONDUIT WITH CONTROL CONDUCTORS TO MOTORIZED DAMPER AS REQUIRED. COORDINATE REMOTE INDICATOR LIGHT LOCATION WITH OWNER PRIOR TO ROUGH-IN.

LIGHTING COMPLIANCE - 2006 IECC

INTERIOR LIGHTING
 BUILDING TYPE: AUTOMOTIVE/WAREHOUSE
 SQUARE FOOTAGE: 1109
 TOTAL WATTS ALLOWED: 974
 ACTUAL WATTS: 911

EXTERIOR LIGHTING
 TRADEABLE WATTS ALLOWED: N/A
 ACTUAL TRADEABLE WATTS: N/A
 NONTRADEABLE WATTS ALLOWED: 557
 ACTUAL NONTRADEABLE WATTS: 225

THIS PROJECT IS IN COMPLIANCE WITH 2006 IECC

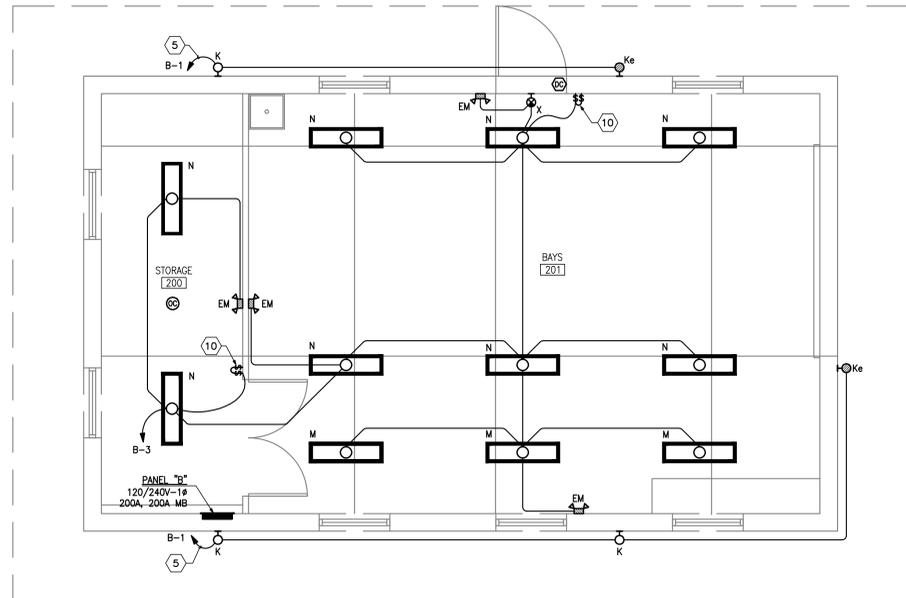
EXCEPT FOR SIGNAGE, SAFETY OR SECURITY LIGHTING, AND LOW-VOLTAGE LANDSCAPE LIGHTING; ALL EXTERIOR LUMINAIRES THAT OPERATE ABOVE 100 WATTS HAVE A MINIMUM EFFICACY OF 60 LUMENS PER WATT.

INDEPENDENT CONTROL AND UNIFORM LIGHT REDUCTION CAPABILITY REQUIREMENTS ARE MET CONSIDERING EXCEPTIONS.

AUTOMATIC SHUTOFF CONTROLS ARE PROVIDED IN BUILDINGS LARGER THAN 5,000 SQ. FT. OR OCCUPANCY SENSOR IS PROVIDED IN EACH OF THOSE SPACES.

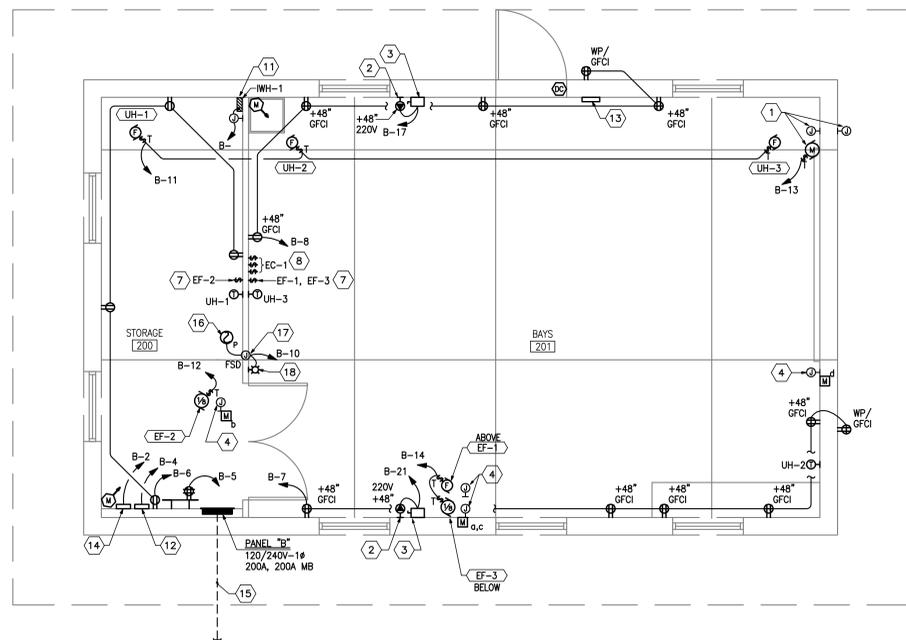
EXTERIOR LIGHTING HAS AUTOMATIC CONTROLS CONTROLLED BY A PHOTOSENSOR OR ASTRONOMICAL TIME SWITCH TO TURN LIGHTING OFF WHEN SUFFICIENT DAYLIGHT IS AVAILABLE OR WHEN LIGHTING IS NOT REQUIRED.

FLUORESCENT AND HID LAMPS ARE PROVIDED WITH ELECTRONIC BALLASTS.



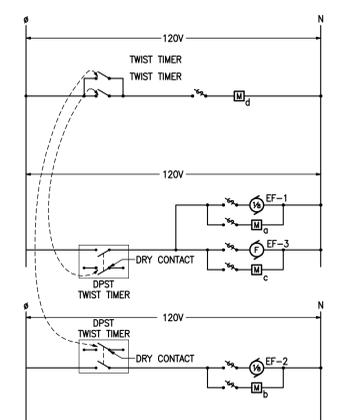
F1 STORAGE BUILDING LIGHTING PLAN

SCALE: 1/4" = 1'-0"



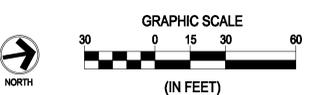
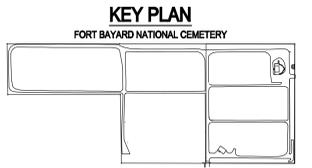
F2 STORAGE BUILDING POWER & SPECIAL SYSTEMS PLAN

SCALE: 1/4" = 1'-0"



EXHAUST FAN CONTROL DIAGRAM

- SCALE: NONE
- MOTORIZED DAMPER
 - MOTOR/PUMP
 - ⊙ RELAY
 - ⋈ SWITCH
 - ⋈ THERMAL OVERLOAD SWITCH
 - || CONTACTOR



IN THE EVENT THAT BONES OR HISTORIC ARCHEOLOGICAL MATERIAL ARE UNCOVERED DURING CONSTRUCTION OR EARTH DISTURBING ACTIVITIES, CEASE WORK IMMEDIATELY AND PROTECT THE REMAINS FROM FURTHER DISTURBANCE. NOTIFY THE OWNER, THE DIRECTOR OF FORT BLISS NATIONAL CEMETERY AT AT 915-564-0201. THE OWNER WILL CONTACT THE NEW MEXICO HISTORIC PRESERVATION DIVISION (SHPO). THE OWNER AND SHPO MAY DISCUSS THE APPROPRIATE WAY TO PROCEED. DIRECTION TO THE CONTRACTOR WILL BE PROVIDED BY THE OWNER.

100% CONSTRUCTION DRAWINGS

Revisions:	Date

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Drawing Title	STORAGE BUILDING ELECTRICAL LIGHTING, POWER AND SPECIAL SYSTEMS PLAN
Approved:	Director Office of Construction Management

Project Title	CEMETERY IMPROVEMENTS AND NEW MAINTENANCE BUILDING
Location	FORT BAYARD, NEW MEXICO
Date	NOVEMBER 18, 2011
Checked	DDR
Drawn	TFR

**NATIONAL CEMETERY
 ADMINISTRATION
 OFFICE OF
 DESIGN AND
 CONSTRUCTION**

Department of
 Veterans Affairs