ELECTRICAL SITE PLAN

1" = 20'-0"

GENERAL SHEET NOTES

THE CONSTRUCTION DOCUMENTS CONTAIN INSTRUCTIONAL INFORMATION THAT MUST BE FOLLOWED EXACTLY AND PRIOR TO PERFORMANCE OF ANY WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE EARTHWORK RIGHTS AND LOCATION OF EARTHWORK WITH CITY OFFICIALS.

SPECIAL REQUIREMENTS FOR PUBLIC SERVICE CAN BE FOUND ON SHEET A-11 (PUBLIC SERVICE AS APPROPRIATE). 

INSTALL 30" X 30" HEATER. REFER TO KEYNOTE 17.

ROOM. COORDINATE LOCATION IN FIELD WITH ARCHITECT PRIOR TO INSTALLATION. INSTALL 2#10 10'14. PRIMARY POWER RISER BY PNM.

INSTALL IN CONFORMANCE WITH PNM RULES AND REGULATIONS. REFER TO THE POWER RISER DIAGRAM.

NEW UNDERGROUND SECONDARY CONDUCTORS MINIMUM 36" BELOW FINISH GRADE. PROVIDE ALL POWER AND CONTROL WIRING AS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION. EXTEND 2#10 10'14. PRIMARY POWER RISER BY PNM.

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NEW UNDERGROUND SECONDARY CONDUCTORS MINIMUM 36" BELOW FINISH GRADE. PROVIDE ALL POWER AND CONTROL WIRING AS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION. EXTEND 2#10 10'14. PRIMARY POWER RISER BY PNM.
KEYED NOTES

1. EXTEND EXTERIOR LIGHTING BRANCH CIRCUIT THROUGH LIGHTING CONTACTOR TO PANEL INDICATED. PROVIDE MINIMUM #8 CONDUCTORS IN MINIMUM 1" COPING FLUSH DEVICE.

2. PANEL "A" LOCATION AND EXTERIOR LIGHTING CONTACTORS IN ELECTRICAL ROOM OF BUILDING "A".

GENERAL SHEET NOTES

1. ALL EXTERIOR LIGHTING SHALL COMPLY WITH THE CITY OF ALBUQUERQUE PARKING REQUIREMENTS AND SHALL ALSO COMPLY WITH THE CITY OF ALBUQUERQUE AND MEDICINE HAT LIGHTING STANDARDS.

2. LABEL ALL EXTERIOR LIGHTING CONTACTORS AND EXTERIOR LIGHTING BRANCH CIRCUIT WIRE WITH EXTERIOR LIGHTING ORIENTATION THROUGH THE CONNECTORS. MANUFACTURE EACH FUTURE AMENDMENT TO THIS SHEET OF LETTERS ON BLACK BACKGROUND.
1. Extend exterior lighting branch circuit through Photoswitch to panel indicated. Provide minimum #10 THHN/THWN conductors in .75" to panel indicated.

2. Flow switch and tamper switch located at the fire sprinkler riser. Provide fire alarm monitoring relay and associated wiring.

3. Soffit electric heater. Coordinate location with mechanical prior to rough-in. Extend minimum #10 THHN/THWN conductors in .75" to panel indicated.

4. 120V branch circuit for sprinkler room light and receptacle. Extend minimum #10 THHN/THWN conductors in .75" to panel indicated.
1. EXTEND EXTERIOR LIGHTING BRANCH THROUGH PHOTO-CELL TO PANEL INDICATED.
1. EXTEND THE EXTERIOR LIGHTING BRANCH CIRCUIT THROUGH THE PHOTO-CELL TO THE PANEL INDICATED.

2. 30A/2P, 240V, HD FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE WITH BUSSMAN FRN FUSES SIZED AS RECOMMENDED BY THE CONDENSING UNIT MANUFACTURER. INSTALL IN CONVENIENT AND ACCESSIBLE LOCATION PER NEC. EXTEND MINIMUM #10 CONDUCTORS IN MINIMUM .75" TO THE RESPECTIVE UNIT PANEL.

3. PROVIDE WEATHERPROOF GFI DUPLEX OUTLET ON ROOF FOR THE HVAC EQUIPMENT MAINTENANCE PER NEC. PROVIDE CAST ALUMINUM IN USE COVER PLATE. EXTEND MINIMUM #10 CONDUCTORS IN MINIMUM .75" TO THE HOUSE PANEL AS INDICATED.

GENERAL NOTES

A. COORDINATE LOCATION OF ROOF TOP CONDENSING UNITS WITH MECHANICAL PRIOR TO ROUGH-IN.

BUILDING C - THIRD FLOOR ELECTRICAL PLAN - NORTH

BUILDING C - THIRD FLOOR ELECTRICAL PLAN - SOUTH
1. Extend exterior lighting branch circuit through photo-cell to panel indicated. Provide separate 4 wires for transformers (100VAC).

2. Flow switch and tamper switch located at the fire sprinkler riser. Provide fire alarm monitoring relay and associate wiring.

3. Soffit electric heater. Coordinate location with mechanical prior to rough-in. Extend minimum #10 THHN/THWN conductors .75” to panel indicated.

4. 120V branch circuit for sprinkler riser room light and receptacle. Extend minimum #10 THHN/THWN conductors .75” to panel indicated.
1. EXTEND THE EXTERIOR LIGHTING BRANCH CIRCUIT THROUGH THE PHOTOCELL TO THE PANEL INDICATED.

2. INSTALL A 30A/2P, 240V, HD FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE WITH BUSSMAN FRN FUSES SIZED AS RECOMMENDED BY THE CONDENSING UNIT MANUFACTURER. INSTALL IN CONVENIENT AND ACCESSIBLE LOCATION PER NEC.

3. PROVIDE WEATHERPROOF GFI DUPLEX OUTLET FOR THE HVAC EQUIPMENT MAINTENANCE PER NEC. PROVIDE CAST ALUMINUM IN USE COVER PLATE. EXTEND MINIMUM #10 CONDUCTORS IN MINIMUM .75"C TO THE HOUSE PANEL AS INDICATED.
BUILDING E - FIRST FLOOR ELECTRICAL PLAN

1. 30A/2P, 240V, HD FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE WITH BUSSMAN FRN FUSES SIZED AS RECOMMENDED BY THE CONDENSING UNIT MANUFACTURER. INSTALL IN CONVENIENT AND ACCESSIBLE LOCATION PER NEC.

2. PROVIDE WEATHERPROOF GFI DUPLEX OUTLET ON ROOF FOR THE HVAC EQUIPMENT MAINTENANCE PER NEC. PROVIDE CAST ALUMINUM IN USE COVER PLATE. EXTEND MINIMUM #10 CONDUCTORS IN MINIMUM .75" TO THE HOUSE PANEL AS INDICATED.

3. FLOW SWITCH AND TAMPER SWITCH LOCATED AT THE FIRE SPRINKLER RISER. PROVIDE FIRE ALARM MONITORING RELAY AND ASSOCIATED WIRING.

4. SOFFIT ELECTRIC HEATER. COORDINATE LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN. EXTEND MINIMUM #10 THHN/THWN CONDUCTORS IN .75" TO PANEL INDICATED.

BUILDING E - SECOND FLOOR ELECTRICAL PLAN

1/8" = 1'-0"
GENERAL NOTES

1. EXTEND EXTERIOR LIGHTING BRANCH CIRCUIT THROUGH PHOTOCELL TO PANEL INDICATED.

2. FLOW SWITCH AND TAMPER SWITCH LOCATED AT THE FIRE SPRINKLER RISER. PROVIDE FIRE ALARM MONITORING RELAY AND ASSOCIATED WIRING.

3. SOFFIT ELECTRIC HEATER. COORDINATE LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN. EXTEND MINIMUM #10 THHN/THWN CONDUCTORS IN .75"C TO PANEL INDICATED.

SHEET KEYNOTES

1. EXTEND EXTERIOR LIGHTING BRANCH CIRCUIT THROUGH PHOTOCELL TO PANEL INDICATED.

2. FLOW SWITCH AND TAMPER SWITCH LOCATED AT THE FIRE SPRINKLER RISER. PROVIDE FIRE ALARM MONITORING RELAY AND ASSOCIATED WIRING.

3. SOFFIT ELECTRIC HEATER. COORDINATE LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN. EXTEND MINIMUM #10 THHN/THWN CONDUCTORS IN .75"C TO PANEL INDICATED.

A. COORDINATE LOCATION OF ROOF TOP CONDENSING UNITS WITH MECHANICAL PRIOR TO ROUGH-IN.

B. COORDINATE LOCATION OF ROOF TOP CONDENSING UNITS WITH MECHANICAL PRIOR TO ROUGH-IN.

KEY PLAN
GENERAL NOTES

4. COORDINATE LOCATION OF ROOF-TOP CONDENSING UNIT WITH MECHANICAL PRIOR TO ROUGH-IN.

SHEET KEYNOTES

1. EXTEND THE EXTERIOR LIGHTING BRANCH CIRCUIT THROUGH THE PHOTOCELL TO THE PANEL INDICATED.

2. SHOULDN'T A FUSEABLE DISCONNECT SWITCH BE IN ENCLOSURE! FUSE WITH FUSEABLE RATING NOT TO EXCEED 1/2 OF THE CONTROL-CIRCUIT CURRENT Ratings should be confirmed by the Condensing Unit Manufacturer. INSTALL IN A CONVENIENT AND ACCESSIBLE LOCATION PER NEC. EXTEND MINIMUM #10 CONDUCTORS IN MINIMUM .75" TO THE RESPECTIVE UNIT PANEL.

3. PROVIDE WEATHERPROOF GFI DUPLEX OUTLET ON ROOF FOR THE HVAC EQUIPMENT MAINTENANCE PER NEC. PROVIDE CAST ALUMINUM IN USE COVER PLATE. EXTEND MINIMUM #10 CONDUCTORS IN MINIMUM .75" TO THE HOUSE PANEL. INDICATES.

4. FLOW SWITCH AND TAMPER SWITCH LOCATED AT THE FIRE SPRINKLER RISER. PROVIDE FIRE ALARM MONITORING RELAY AND ASSOCIATED WIRING.

5. SOFFIT ELECTRIC HEATER. COORDINATE LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN. EXTEND MINIMUM #10 THHN/THWN CONDUCTORS IN .75" TO PANEL INDICATES.
POWER RISER DIAGRAM - BUILDING "C" SOUTH

POWER RISER DIAGRAM - BUILDING "D"

POWER RISER DIAGRAM - BUILDING "A" & "B"

POWER RISER DIAGRAM - BUILDING "C" NORTH
POWER RISER DIAGRAM - BUILDING "G"

GROUNDING DETAIL

POWER RISER DIAGRAM - BUILDING "E"

POWER RISER DIAGRAM - BUILDING "F"