SHEET NOTES:

A. EQUIPMENT AND FEEDERS TO BE PROVIDED AS NEW UNLESS OTHERWISE NOTED.
B. COORDINATE AND VERIFY WITH ELECTRICAL UTILITY FOR REQUIRED INFORMATION PERTAINING TO UTILITY TRANSFORMER SIZE, TRANSFORMER VAULT LOCATION AND UTILITY METER LOCATION.
C. REFER TO TRANSFORMER SCHEDULE FOR PRIMARY AND SECONDARYFEEDER DESCRIPTIONS.
D. REFER TO WIRING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
E. CONDUCT A SELECTIVE COORDINATION STUDY FOR THE POWER DISTRIBUTION SYSTEMS LISTED BELOW. THE STUDY SHALL INCLUDE ALL OCPDS (CBS OR FUSES) STARTING AT BOTH THE NORMAL AND BACKUP POWER SOURCES AND ENDING AT THE FINAL OCPD SERVING ANY COMPONENT WITHIN THESE SYSTEMS. THE CONTRACTOR SHALL PROVIDE OCPDS OF THE TYPES AND RATINGS AS REQUIRED TO ACCOMPLISH SELECTIVE COORDINATION IN ALL RANGES (OVERLOAD, SHORT TIME DELAY, SHORT TIME PICKUP, INSTANTANEOUS DELAY, AND INSTANTANEOUS PICKUP). IF A GENERATOR BREAKER IS INSTALLED, IT SHALL BE INCLUDED IN THE STUDY. THE GENERATOR BREAKER SHALL BE REPLACED IN COOPERATION WITH THE GENERATOR VENDOR BUT AT THE CONTRACTOR'S EXPENSE. IF REPLACEMENT IS NECESSARY FOR SELECTIVE COORDINATION TO BE ACHIEVED WITH DOWNSTREAM CBS. COORDINATE WITH THE LOCAL AHJ TO ASCERTAIN WHETHER ANY UNIQUE REQUIREMENTS APPLY. SYSTEMS THAT WILL REQUIRE SELECTIVE COORDINATION ARE AS FOLLOWS:

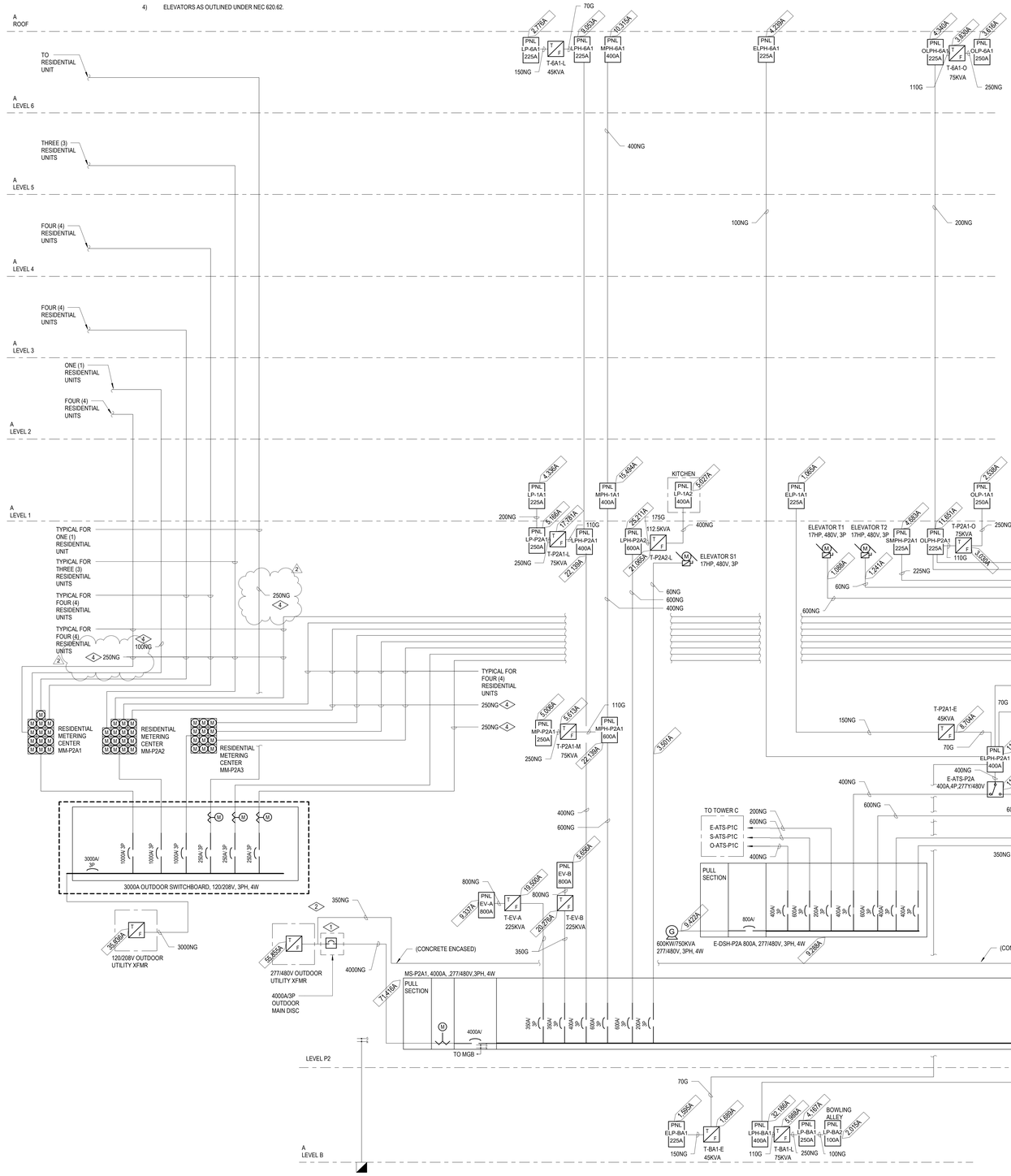
1) EMERGENCY SYSTEMS AS OUTLINED UNDER NEC 700.28.

2) LEGALLY REQUIRED STANDBY SYSTEMS AS OUTLINED UNDER NEC 701.27.

4) ELEVATORS AS OUTLINED UNDER NEC 620.62.

NUMBERED NOTES:

1. MAIN DISCONNECT IS TO BE SUPPLIED AND INSTALLED WITHIN 50 FEET OF UTILITY TRANSFORMER PER ROCKY MOUNTAIN POWER'S REQUIREMENT.
2. FIRE PUMP IS TO BE SUPPLIED FROM A UTILITY SERVICE CONNECTION AHEAD OF THE SERVICE DISCONNECTING MEANS PER NEC ARTICLE 695.3A(1).
3. CONDUCTOR SIZE INCREASED FOR VOLTAGE DROP.
4. PROVIDE MC CABLE FOR UNIT FEEDERS. ROUTE IN LADDER TRAY AT GARAGE CEILING.
5. PANEL 'H1' IS TO BE SUPPLIED AND INSTALLED BY POOL ELECTRICAL SUBCONTRACTOR. COORDINATE WITH POOL ELECTRICAL SUBCONTRACTOR FOR TERMINATION OF PANEL FEEDERS.



1 ELECTRICAL ONE-LINE TOWER A & B
SCALE: NO SCALE

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date 5/31/2024

revisions:

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2	5/31/2024	IFC 3

IFC Set 3 of 3
5/31/2024

ELECTRICAL ONE-LINE
E5.01AB

Reserved for permit stamp
Expires 3/31/25
Stamped 5/31/24