



POWER DISTRIBUTION EQUIPMENT (FLOOR PLAN VIEW)

- 209/120V-3ø-4W PANELBOARD UNLESS OTHERWISE NOTED. MOUNT AT 78" AFF TO TOP OF PANEL.
- 480/277V-3ø-4W PANELBOARD UNLESS OTHERWISE NOTED. MOUNT AT 78" AFF TO TOP OF PANEL.
- GENERAL PURPOSE, 3 PHASE DRY-TYPE TRANSFORMER - TYPE AS NOTED ON PLANS.
- FUSED DISCONNECT SWITCH - SIZE AND TYPE AS NOTED. PROVIDE CLASS RK1 FUSES UNLESS OTHERWISE NOTED.
- NEAR ENCLOSURE UNLESS OTHERWISE NOTED.
- GROUNDING BUSBAR

WIRING TERMINATIONS

- ① JUNCTION BOX, CEILING OR WALL MOUNTED, 4" SQ. WITH GROUND LUG, UNLESS OTHERWISE NOTED. COORDINATE MOUNTING LOCATION WITH EQUIPMENT.

BRANCH CIRCUIT WIRING

- NO. OF CTS IN CONDUIT
- BRANCH CIRCUIT HOME RUN TO PANEL. - ARROWHEADS INDICATE CIRCUITS. WIRE INDICATED ARE GREEN GROUND, SEPARATE NEUTRALS (SHARED NEUTRALS ARE NOT PERMITTED FOR BRANCH CIRCUITS) AND THREE HOT LEGS (A DIFFERENT PHASE FOR EACH CIRCUIT) MAXIMUM THREE CIRCUITS PER CONDUIT.
- 3/4" MINIMUM CONDUIT WITH WIRE SIZE INDICATED ON DRAWING (XX INDICATES AVG SIZE). ALL CONDUITS SHALL BE RIGID UNLESS OTHERWISE NOTED.
- SEPARATE EQUIPMENT GROUNDING CONDUCTOR (SAME SIZE AS PHASE AND NEUTRAL, UNLESS OTHERWISE NOTED) FOR EACH CONDUIT. CONDUIT WIRE FILLS SHALL BE IN ACCORDANCE WITH LATEST NATIONAL ELECTRIC CODE.
- NEUTRALS
- GROUND
- CONDUIT UP
- CONDUIT DOWN
- UNDERGROUND CONDUIT

GENERAL ELECTRICAL INSTALLATION NOTES:

- ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED.
- ALL NEW WALL MOUNTED ELECTRICAL DEVICES ARE TO BE INSTALLED FLUSH IN WALL UNLESS OTHERWISE NOTED. ALL ELECTRICAL DEVICES SHALL BE INSTALLED TO THE SAME HEIGHT UNLESS OTHERWISE NOTED. THE OSS TO CUT AND PATCH WALLS SHALL BE THE RESPONSIBILITY OF THE TRADE REQUIRING THE CUTTING.
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILINGS REQUIRED FOR ELECTRICAL WORK. CONTRACTOR SHALL REPLACE ANY DAMAGED CEILING TILES.
- PRIOR TO INSTALLATION VERIFY PRECISE LOCATION OF NEW OR RELOCATED WALL OR CEILING MOUNTED DEVICES WITH ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS.
- COORDINATE ALL SHUT-DOWNS OF EXISTING ELECTRICAL SYSTEMS WITH OWNER A MINIMUM OF FOURTEEN (14) WORKING DAYS IN ADVANCE. ALL SHUT-DOWNS SHALL OCCUR DURING WEEKENDS OR BETWEEN 8:00PM AND 7:00AM ON WEEKDAYS ("OFF-HOURS"). INCLUDE ALL PREMIUM TIME CHARGES IN BID.
- ALL NOISE GENERATING OPERATIONS, INCLUDING CUTTING OF CEILINGS, WALLS AND FLOORS, CORING, DRILLING, ETC. SHALL BE SCHEDULED DURING WEEKENDS OR BETWEEN 8:00PM AND 7:00AM ON WEEKDAYS ("OFF-HOURS"). INCLUDE ALL PREMIUM TIME CHARGES IN BID.
- CONTRACTOR SHALL CONNECT ALL MECHANICAL EQUIPMENT COMPLETE PER MANUFACTURER'S WIRING DIAGRAMS AND INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AND VERIFY LOCATION, VOLTAGE, AMPS, NO. OF WIRES, AND PROTECTION REQUIREMENTS, PRIOR TO ROUGH-IN. CONTACT ENGINEER WITH ANY DISCREPANCIES FROM DESIGN DRAWINGS.
- PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT FOR FINAL CONNECTION TO MECHANICAL EQUIPMENT OR OTHER EQUIPMENT WHICH MAY PROPAGATE VIBRATION.
- ALL FLUORESCENT LAMPS THAT WILL NOT BE REUSED SHALL BE DISPOSED OF IN ACCORDANCE WITH EPA STANDARDS, AND WRITTEN EVIDENCE OF PROPER DISPOSAL SHALL BE FURNISHED TO THE OWNER.
- ALL WORK SHALL BE PERFORMED IN STRICT CONFORMANCE WITH THE PHASING REQUIREMENTS OF THE PROJECT. ALL COSTS ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE BID SUBMITTAL.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING TO ADEQUATELY LIGHT ALL CONSTRUCTION AREAS, TEMPORARILY PARTITIONED AREAS, AND EXIT CORRIDORS MAINTAINED DURING CONSTRUCTION.
- DEMOLITION "PROVIDE" - FURNISH, INSTALL AND CONNECT COMPLETE.
- PROJECT AND PHASING SCOPE LINES INDICATE WHERE GENERAL CONSTRUCTION BOUNDARIES OCCUR. ELECTRICAL WORK AND UTILITY TIE-INS MAY OCCUR OUTSIDE OF SCOPE LINES.

GENERAL LEGEND

- ① CODED NOTE - "1" INDICATES NOTE NUMBER.
- ①-107 DETAIL REFERENCE - "1" INDICATES DETAIL NUMBER, "1"-107" INDICATED DRAWINGS NUMBER.
- ① A COLUMN GRID
- ① REVISION REFERENCE NUMBER

ABBREVIATIONS

AC	ABOVE COUNTER AT 9" UNLESS OTHERWISE NOTED	AFC	ABOVE FINISHED CEILING
AF	AMP FRAME	AT	AMP TRIP
AFT	ABOVE FINISHED FLOOR	ATS	AUTOMATIC TRANSFER SWITCH
CM	CEILING MOUNTED	COOR	CONTRACTING OFFICER/TECHNICAL REPRESENTATIVE
EC	ELECTRICAL CONTRACTOR	EG	EQUIPMENT GROUND
EOL	END OF LINE	EMC	ELECTRIC WATER COOLER
GC	GENERAL CONTRACTOR	GFCL	GROUND FAULT CIRCUIT INTERRUPTER
IG	ISOLATED GROUND	IRM	INFORMATION RESOURCES MANAGEMENT
MC	MECHANICAL CONTRACTOR	MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY	MCC	NATIONAL ELECTRICAL CODE
NF	NOT FUSED	SM	SURFACE MOUNTED
TC	TELECOMMUNICATIONS CONTRACTOR	TCC	TEMPERATURE CONTROLS CONTRACTOR
TV	TELEVISION	VSC	VARIABLE SPEED MOTOR CONTROLLER
WP	WEATHERPROOF ENCLOSURE - NEMA 4 TYPE		
X	EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, CONDUIT, ETC. - TO REMAIN		
XB	INDICATES EXISTING OUTLET, LIGHTING FIXTURE, CONDUIT, ETC - TO BE REMOVED. PROVIDE BLANK COVER FOR OUTLET AND MAINTAIN CIRCUIT CONTINUITY.		
XL	NEW LOCATION OF EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, ETC.		
XN	EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, ETC. - TO BE REPLACED WITH NEW OF SPECIFIED TYPE		
XR	EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, CONDUIT, ETC. - TO BE REMOVED COMPLETE- MAINTAIN CIRCUIT CONTINUITY TO ADJACENT OUTLETS. EXTEND CONDUIT AND WIRING AS REQUIRED.		
XRR	EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, ETC. - TO BE REMOVED AND REINSTALLED AT NEW LOCATION - EXTEND CONDUIT AND WIRING AS REQUIRED		
VAMC	VETERANS AFFAIRS MEDICAL CENTER		

FULLY SPRINKLERED

CONSULTANTS:		
ARCHITECT/ENGINEERS:		
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