GENERAL NOTES

1. ALL ELECTRICAL DEVICES, FIXTURES, EQUIPMENT AND FEEDERS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, ALL APPLICABLE LOCAL AND STATE CODES, AMERICAN DISABILITIES ACT AND WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
2. PROVIDE ADDITIONAL SUPPORT FOR DEVICES, FIXTURES, EQUIPMENT AND FEEDERS WHERE THE BUILDING CONSTRUCTION IS NOT SUITABLE FOR DIRECT MOUNTING.
3. FIRESTOP, DRAFTSTOP, SMOKESTOP AND/OR PROTECT THE ANNULAR SPACE AROUND ALL PENETRATIONS THROUGH WALLS, PARTITIONS, FLOORS, CEILING, AND ROOFS IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, UL LISTING REQUIREMENT AND THE APPLICABLE BUILDING CODES. REFER TO THE ARCHITECTURAL DRAWINGS AND THE OWNER'S EXISTING AS-BUILT/RECORD DRAWINGS, VERIFY CONSTRUCTION RATINGS AND PROVIDE PENETRATION ASSEMBLIES SUITABLE FOR PARTICULAR CONSTRUCTION.
4. VERIFY CEILING SYSTEMS AND PROVIDE MOUNTING ACCESSORIES, TRIMS AND ALL REQUIRED MOUNTING HARDWARE TO SUIT THE PARTICULAR INSTALLATION.
5. PROTECT EXISTING UNDERGROUND AND BUILDING INTERIOR UTILITIES DURING CONSTRUCTION.
6. BRANCH CIRCUIT CONDUCTORS SHALL BE 12 AWG MINIMUM.
7. COORDINATE ANY AND ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION SO AS TO AVOID CONFLICT DURING CONSTRUCTION.
8. ALL PANELS SHALL HAVE TYPED, COMPLETED DIRECTORIES INDICATING EQUIPMENT SERVED AND ROOM NUMBER (AS INDICATED ON FINAL BUILDING ROOM SIGNAGE) OF EQUIPMENT LOCATION, OR SPARE, OR SPACE.
9. MANUFACTURER'S NAME AND MODEL NUMBER ARE GIVEN FOR DESCRIPTIVE PURPOSES, TO INDICATE A QUALITY STANDARD AND ARE NOT INTENDED TO LIMIT PRODUCTS TO A PARTICULAR MANUFACTURER. PRODUCTS DEEMED EQUAL AND APPROVED BY THE DESIGNER WILL BE ACCEPTED.
10. ALL FEEDERS AND CIRCUITRY SHALL BE TORQUED PER THE PANEL, BREAKER, AND/OR PARTICULAR EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
11. CIRCUITRY TO SWITCHES, RECEPTACLES, AND ALL OTHER DEVICES SHALL BE TERMINATED ON THE DEVICE'S SCREW TERMINALS.
12. MOUNTING HEIGHTS INDICATED ARE TO CENTER OF DEVICE, OUTLET, FIXTURE, OR EQUIPMENT UNLESS NOTED OTHERWISE.
13. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT SHALL BE LABEL LISTED BY AN APPROVED THIRD PARTY TESTING AGENCY.
14. ALL WORK MUST BE DONE IN ACCORDANCE WITH THE COATESVILLE VA MEDICAL CENTER'S INFECTION CONTROL PROGRAM. SEE SPECIFICATION 01 00 00 SECTION 1.7.
15. CONSTRUCTION DEBRIS SHALL BE HANDLED AS NOTED IN THE APPLICABLE SPECIFICATION SECTIONS. IN ADDITION CONTRACTOR SHALL INSURE THAT DURING REMOVAL DEBRIS IS PROPERLY SECURED, COMPLETELY ENCASED IN A CART, AND WRAPPED IN PLASTIC TO PREVENT SPILLAGE.
16. CONTRACTOR SHALL PROTECT THE ELEVATOR WALLS AND FLOORS AT ALL TIMES DURING CONSTRUCTION TO PREVENT DAMAGE TO EXISTING FINISHES AND MATERIALS. CONTRACTOR SHALL REPAIR TO LIKE NEW CONDITION ANY DAMAGE TO ELEVATOR INTERIORS CAUSED BY THE TRANSPORT OF ANY CONSTRUCTION RELATED MATERIALS.

ABBREVIATIONS

ABBREV.	DESCRIPTION
A	AMPERE
ADO	AUTOMATIC DOOR OPENER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BFF	BELOW FINISHED FLOOR
CB	CIRCUIT BREAKER
cd	CANDELA
CKT	CIRCUIT
CND	CONDUIT
CU	COPPER
D	DEEP
DACT	DIGITAL ALARM COMMUNICATOR TERMINAL
DED	DEDICATED CIRCUIT
EC	EMPTY CONDUIT
EG	EQUIPMENT GROUND
ETR	EXISTING TO REMAIN
EX, EXIST	EXISTING
EXT	EXTERIOR
FACP	FIRE ALARM CONTROL PANEL
FAA	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FMC	FLEXIBLE METAL CONDUIT
FSS	FUSED SAFETY SWITCH
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
H	HIGH
IBC	INTERNATIONAL BUILDING CODE
IG	ISOLATED GROUND
KW	KILOWATT
MBJ	MAIN BONDING JUMPER
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
N	NEUTRAL
NCSBC	NORTH CAROLINA STATE BUILDING CODE
NEC	NATIONAL ELECTRICAL CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NFSS	NON-FUSED SAFETY SWITCH
PC	PHOTOCELL
POD	POWER OPERATED DAMPER
R	RELOCATED
TCL	TOTAL CONNECTED LOAD
TDL	TOTAL DEMAND LOAD
TVSS	TRANSIENT VOLTAGE SURGE & SPIKE
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTED POWER SUPPLY
W	WATTS
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL LEGEND

	120V DUPLEX RECEPTACLE, MOUNTED 18" AFF. MODIFIERS FOR RECEPTACLES: GFI = GROUND FAULT CIRCUIT INTERRUPTER. WP = WEATHERPROOF IG = ISOLATED GROUND
	FUSED DISCONNECT
	UNFUSED DISCONNECT
	ELECTRIC MOTOR
	WIRING SYSTEM-BRANCH OR FEEDER CIRCUIT
	WIRING SYSTEM-SWITCHED BRANCH OR FEEDER CIRCUIT
	HOMERUN - 120V OR 277V *
	HOMERUN - 208V OR 480V *

NOTES:
* - BRANCH OR FEEDER CIRCUIT HOMERUN TO PANELBOARD, SWITCHBOARD, MOTOR CONTROL CENTER, ETC. SUBSCRIPT DENOTES PANELBOARD, SWITCHBOARD, MOTOR CONTROL CENTER, ETC. AND OVERCURRENT PROTECTION DEVICE NUMBER.

FINAL CONSTRUCTION DOCUMENTS

Revisions:	Date

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Professional Stamp/Seal

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Drawing Title
ELECTRICAL NOTES, LEGEND, AND ABBREVIATIONS

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Building 1

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Office of Construction and Facilities Management

Coatesville VA Medical Center

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