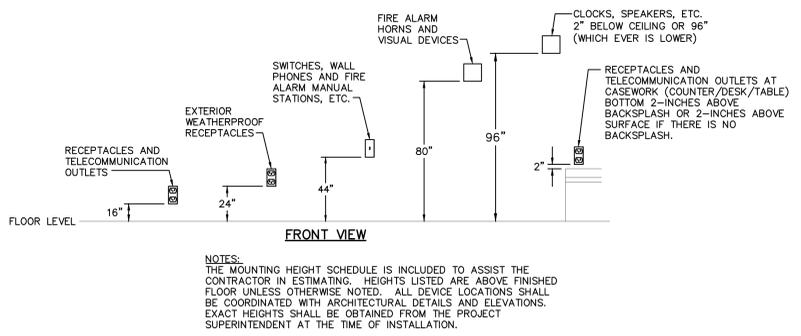


ELECTRICAL SYMBOLS LEGEND			
SWITCHES	FIRE ALARM	MISCELLANEOUS	
S <sub>1</sub> SINGLE POLE SWITCH, LETTER INDICATES SWITCH LEG, 'K' INDICATES KEY TYPE, 'P' INDICATES PILOT	○ COMBINATION HEAT DETECTOR	→ HOME RUN TO PANEL	
S <sub>2</sub> DOUBLE POLE SWITCH	⊙ FIXED TEMP. HEAT DETECTOR	↔ DAYLIGHT ZONE CIRCUIT - SEE DETAIL	
S <sub>3</sub> THREE-WAY SWITCH	⊙EV FIXED TEMP. HEAT DETECTOR, CONNECTED TO ELEVATOR RECALL	⊖ ELECTRICAL CIRCUIT	
S <sub>4</sub> FOUR-WAY SWITCH	⊖ FIRE ALARM MANUAL STATION	↔ UNSWITCHED LIGHTING CIRCUIT	
S <sub>D</sub> DIMMER SWITCH	⊖ FIRE ALARM COMBINATION HORN/VISUAL	↔ MASTER SATELLITE FIXTURE CONNECTION	
S <sub>H</sub> HORSEPOWER RATED SWITCH	⊖ FIRE ALARM VISUAL SIGNAL	↔ EMERGENCY CIRCUIT	
S <sub>L</sub> LOW VOLTAGE SWITCH, BLANK NUMBER IN OVAL INDICATES SWITCH NUMBER	⊖ FIRE ALARM HORN	↔ CABLE TRAY	
S <sub>M</sub> MOMENTARY CONTACT SWITCH	⊖ FIRE ALARM VOICE EVACUATION	⊖ PUSHBUTTON STATION	
S <sub>TS</sub> TIMER SWITCH	⊖ FIRE ALARM COMBINATION VOICE EVACUATION/VISUAL	⊖ PUSHBUTTON STATION, 'P' INDICATES PILOT	
S <sub>V</sub> VARIABLE SPEED SWITCH	⊖ SMOKE DETECTOR	⊖ DOOR BELL CHIME	
S <sub>W</sub> OCCUPANCY SENSOR - WALL MOUNTED	⊖ SMOKE DETECTOR, DUCT MOUNTED	⊖ SYMBOLS SHOWN "STACKED" ON THE FLOOR PLANS INDICATE THAT THE DEVICES ARE TO BE LOCATED IN THE SAME OUTLET BOX AND FACEPLATE.	
○ FLOURESCENT CEILING LUMINAIRE	⊖ SMOKE DETECTOR, CONNECTED TO ELEVATOR RECALL	01 / E1.1 PARTIAL PLAN IDENTIFICATION TAG	
○ EMERGENCY FLOURESCENT CEILING LUMINAIRE	⊖ FAN SHUT-DOWN RELAY	□ SHEET NUMBER	
○ FLOURESCENT CEILING LUMINAIRE ON NIGHT LIGHT	⊖ MAGNETIC DOOR HOLDER	□ DRAWING NUMBER / ROOM NUMBER	
○ FLOURESCENT CEILING LUMINAIRE WITH LAMPS SWITCHED SEPARATELY	⊖ TELECOMMUNICATION	⊖ GENERAL ELECTRICAL KEYNOTE - SEE CORRESPONDING NOTES	
○ FLOURESCENT WALL MOUNTED LUMINAIRE	⊖ TELEPHONE OUTLET - WALL MOUNTED	⊖ MECHANICAL EQUIPMENT WITH ELECTRICAL CONNECTION, SEE MECHANICAL / ELECTRICAL COORDINATION SCHEDULE	
○ EMERGENCY FLOURESCENT WALL MOUNTED LUMINAIRE	⊖ TELEPHONE OUTLET		
○ FLOURESCENT WALL MOUNTED LUMINAIRE ON NIGHT LIGHT	⊖ DATA OUTLET		
○ FLOURESCENT STRIP LIGHT	⊖ T.V. OUTLET		
○ EMERGENCY FLOURESCENT STRIP LIGHT	⊖ CONDUIT SLEEVES STUBBED BETWEEN LOCATIONS INDICATED. SIZE AS NOTED ON DRAWINGS		
○ CEILING LUMINAIRE			
○ EMERGENCY CEILING LUMINAIRE			
○ CEILING LUMINAIRE ON NIGHT LIGHT			
○ WALL MOUNTED LUMINAIRE			
○ EMERGENCY WALL MOUNTED LUMINAIRE			
○ WALL MOUNTED LUMINAIRE ON NIGHT LIGHT			
○ EMERGENCY BATTERY PACK	[30A3] BRANCH CIRCUIT FEEDER SIZE. PROVIDE CIRCUIT AS INDICATED IN SCHEDULE. DO NOT COMBINE WITH OTHER CIRCUITS IN THE SAME CONDUIT.		
○ EMERGENCY FIXTURE REMOTE HEAD(S)	F.A.C.P. FIRE ALARM CONTROL PANEL		
○ EXIT LIGHT LUMINAIRE	F.A.A. FIRE ALARM ANNUNCIATOR		
○ EXIT LIGHT LUMINAIRE - WALL MOUNTED	H.O.A. HAND-OFF-AUTO		
○ EXIT LIGHT LUMINAIRE WITH INTEGRAL EMERGENCY LIGHT	NF NON-FUSED		
○ PHOTOCELL	30/3/10/3R RATED AMPACITY/NO. POLES/FUSING REQ'D/NEMA ENCL. NO.		
○ DUPLEX RECEPTACLE	(#10) CONDUCTORS UPSIZED FOR VOLTAGE DROP. NUMBER INDICATES MINIMUM SIZE OF WIRE FOR ALL CIRCUIT CONDUCTORS INCLUDING GROUND FOR ENTIRE LENGTH OF CIRCUIT.		
○ DUPLEX RECEPTACLE - BOTTOM HALF SWITCHED			
○ FOUR-PLEX RECEPTACLE - TWO DUPLEX RECEPTACLES	WP WEATHER-PROOF		
○ SPECIAL RECEPTACLE	C CEILING MOUNTED DEVICE		
○ FLUSH FLOOR RECEPTACLE - POWER	G GROUND-FAULT - CIRCUIT INTERRUPTER DEVICE		
○ SINGLE RECEPTACLE	T TAMPER RESISTANT DEVICE		
○ SPLIT-WIRE RECEPTACLE	E DEVICE CONNECTED TO GENERATOR		
○ MULTI-OUTLET ASSEMBLY	A DEVICE INDICATED ABOVE DESK/TABLE/COUNTER. COORDINATE HEIGHT WITH OWNER/ARCHITECT.		
○ LIGHTING & APPLIANCE PANELBOARD			
○ POWER DISTRIBUTION EQUIPMENT			
○ CABINET, TYPE INDICATED			
○ MOTOR STARTER, LIGHTING CONTACTOR			
○ SAFETY SWITCH			
○ COMBINATION MOTOR STARTER & SAFETY SWITCH			
○ MOTOR			
○ JUNCTION BOX			
○ FLOOR BOX - COMBINATION POWER/TELCOM			
○ FLOOR BOX - POWER			
○ SURGE PROTECTIVE DEVICE (SPD)			



1 TYPICAL ELECTRICAL DEVICE MOUNTING HEIGHT  
NOT TO SCALE

BRANCH CIRCUIT/FEEDER SCHEDULE		
KEY	CONDUCTORS/CONDUIT	
2 WIRE AND GROUND		
20A2	2 #12, 1 #12 G, 1/2" C	
30A2	2 #10, 1 #10 G, 3/4" C	
40A2	2 #8, 1 #10 G, 3/4" C	
50A2	2 #6, 1 #10 G, 1" C	
60A2	2 #6, 1 #10 G, 1" C	
70A2	2 #4, 1 #8 G, 1-1/4" C	
3 WIRE AND GROUND		
20A3	3 #12, 1 #12 G, 1/2" C	
30A3	3 #10, 1 #10 G, 3/4" C	
40A3	3 #8, 1 #10 G, 3/4" C	
50A3	3 #6, 1 #10 G, 1" C	
60A3	3 #6, 1 #10 G, 1" C	
70A3	3 #4, 1 #8 G, 1-1/4" C	
80A3	3 #3, 1 #8 G, 1-1/2" C	
90A3	3 #3, 1 #8 G, 1-1/2" C	
100A3	3 #2, 1 #8 G, 1-1/2" C	
125A3	3 #1, 1 #8 G, 1-1/2" C	
150A3	3 #1/0, 1 #8 G, 2" C	
175A3	3 #2/0, 1 #8 G, 2" C	
200A3	3 #3/0, 1 #8 G, 2" C	
225A3	3 #4/0, 1 #8 G, 2-1/2" C	
250A3	3 #250 KCMIL, 1 #4 G, 2-1/2" C	
300A3	3 #350 KCMIL, 1 #4 G, 3" C	
350A3	3 #400 KCMIL, 1 #4 G, 3" C	
400A3	3 #500 KCMIL, 1 #3 G, 3" C	
450A3	2 SETS [3 #4/0, 1 #2 G, 3" C]	
500A3	2 SETS [3 #250 KCMIL, 1 #10 G, 3" C]	
600A3	2 SETS [3 #350 KCMIL, 1 #10 G, 3" C]	
700A3	2 SETS [3 #500 KCMIL, 1 #10 G, 3" C]	
800A3	2 SETS [3 #600 KCMIL, 1 #10 G, 4" C]	
1000A3	3 SETS [3 #400 KCMIL, 1 #20 G, 3" C]	
1200A3	3 SETS [3 #600 KCMIL, 1 #30 G, 4" C]	
4 WIRE AND GROUND		
20A4	4 #12, 1 #12 G, 1/2" C	
30A4	4 #10, 1 #10 G, 3/4" C	
40A4	4 #8, 1 #10 G, 1" C	
50A4	4 #6, 1 #10 G, 1" C	
60A4	4 #6, 1 #10 G, 1" C	
70A4	4 #4, 1 #8 G, 1-1/4" C	
80A4	4 #3, 1 #8 G, 1-1/2" C	
90A4	4 #3, 1 #8 G, 1-1/2" C	
100A4	4 #2, 1 #8 G, 1-1/2" C	
125A4	4 #1, 1 #8 G, 2" C	
150A4	4 #1/0, 1 #8 G, 2" C	
175A4	4 #2/0, 1 #8 G, 2-1/2" C	
200A4	4 #3/0, 1 #8 G, 2-1/2" C	
225A4	4 #4/0, 1 #4 G, 3" C	
250A4	4 #250 KCMIL, 1 #4 G, 3" C	
300A4	4 #350 KCMIL, 1 #4 G, 3-1/2" C	
350A4	4 #400 KCMIL, 1 #3 G, 3-1/2" C	
400A4	4 #500 KCMIL, 1 #3 G, 3-1/2" C	
450A4	2 SETS [4 #4/0, 1 #2 G, 3" C]	
500A4	2 SETS [4 #250 KCMIL, 1 #20, 3" C]	
600A4	2 SETS [4 #350 KCMIL, 1 #10 G, 3-1/2" C]	
700A4	2 SETS [4 #500 KCMIL, 1 #10 G, 3-1/2" C]	
800A4	2 SETS [4 #600 KCMIL, 1 #10 G, 4" C]	
1000A4	3 SETS [4 #400 KCMIL, 1 #20 G, 3-1/2" C]	
1200A4	3 SETS [4 #600 KCMIL, 1 #30 G, 4" C]	

GENERAL ELECTRICAL KEYNOTES

△ PROVIDE OCCUPANCY SENSOR CONTROL OF THE LIGHTING IN ROOM/AREA WITH THIS KEYNOTE UNLESS OTHERWISE NOTED. THIS AUTOMATIC CONTROL SHALL BE IN ADDITION TO AND CONNECTED ON THE LINE SIDE OF MANUAL CONTROL SHOWN. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

GENERAL ELECTRICAL DEMOLITION NOTES

- THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL NECESSARY POWER OUTAGES WITH THE OWNERS REPRESENTATIVE PRIOR TO PROCEEDING WITH WORK TO INSURE THAT OPERATIONS IN ADJACENT OCCUPIED PORTIONS OF THE BUILDING ARE NOT INTERRUPTED OR RESTRICTED WITHOUT PRIOR APPROVAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, PAINTING OR REPLACEMENT OF ALL WALL, CEILING, OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION OR INSTALLATION OF ELECTRICAL WORK.
- THE CONTRACTOR SHALL COMPLETELY REMOVE ALL WIRING, CONDUIT, SWITCHES, DISCONNECTS, LIGHTING FIXTURES AND OTHER ASSOCIATED ITEMS AS SHOWN (CROSS-HATCHED). THE ITEMS INDICATED SPECIFICALLY ON THE DRAWINGS TO BE REMOVED ARE ONLY TO INDICATE IN GENERAL TO THE CONTRACTOR THE AMOUNT OF DEMOLITION WORK INVOLVED. A SITE INVESTIGATION BY THE CONTRACTOR SHOULD BE PERFORMED TO AID IN DETERMINING THE COMPLETE EXTENT OF WORK INVOLVED.
- ALL EXISTING BRANCH CIRCUITS BEING REMOVED SHALL BE REMOVED AS COMPLETE AS POSSIBLE. EXISTING CONDUCTORS SHALL BE REMOVED COMPLETELY FROM THEIR RACEWAYS, DISPOSED OF AS SCRAP. REMOVED FROM SITE AND NOT REUSED EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. WHERE AN EXISTING DEVICE IS SHOWN REMOVED FROM AN EXISTING CIRCUIT, NEW WIRING SHALL BE PROVIDED AS REQUIRED TO INSURE CONTINUITY OF EXISTING CIRCUIT. ELECTRICAL RACEWAYS WHERE STUBBED FROM A CONCRETE FLOOR OR WALL SHALL BE CHISELED 2 INCHES BELOW SURFACE, GROUDED AND SCORED.
- ALL EXISTING LIGHT FIXTURES, LAMPS, AND ELECTRICAL EQUIPMENT SHOWN TO BE REMOVED SHALL BE REMOVED BY THE CONTRACTOR. EXISTING FIXTURES AND EQUIPMENT CONSIDERED SALVAGEABLE BY THE OWNER AND NOT SHOWN TO BE REUSED SHALL BE TURNED OVER TO THE OWNER OR REMOVED FROM SITE AS DIRECTED BY OWNER. LAMPS AND BALLASTS THAT ARE CONSIDERED AS HAZARDOUS WASTE SHALL BE DISPOSED OF PROPERLY.
- ALL EXISTING SURFACE MOUNTED BACKBOXES, CONDUIT, WIREWAY, JUNCTION BOXES, ETC. SHOWN REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. ALL RECESSED BACKBOXES, JUNCTION BOXES SHOWN REMOVED SHALL BE ABANDONED IN PLACE AND COVERED WITH STAINLESS STEEL COVER PLATES. ALL RECESSED CONDUIT SHALL BE ABANDONED IN PLACE AND CAPPED OFF IN A SUITABLE MANNER PER LOCAL INSPECTORS REQUIREMENTS.
- REMOVE ELECTRICAL CONNECTIONS TO ALL MECHANICAL EQUIPMENT BEING REMOVED BY DIVISION 15. COORDINATE EQUIPMENT REMOVAL LOCATIONS WITH MECHANICAL DRAWINGS.
- ALL EXISTING CEILING MOUNTED WIRELESS ACCESS POINTS (W.A.P.) SHALL BE REMOVED AND REINSTALLED BY THE OWNER. AFTER THE W.A.P. IS REMOVED THE CONTRACTOR SHALL NEATLY COIL AND LABEL THE TELECOMMUNICATION CABLE AND SUPPORT FROM STRUCTURE IN A SAFE LOCATION SO AS TO PROTECT THE CABLE FROM DAMAGE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETE, THE OWNER SHALL RELOCATE THE TELECOMMUNICATION CABLE AND INSTALL THE W.A.P. COORDINATE ALL WORK FOR REMOVAL OF THE W.A.P. WITH THE CONTR.

MECHANICAL / ELECTRICAL COORDINATION SCHEDULE

ABBREVIATIONS:														
FLA FULL LOAD AMPS	C COMBINATION STARTER AND SAFETY SWITCH	2S TWO SPEED	N1 NEMA 1											
HP HORSEPOWER	SH HP RATED SWITCH	3S THREE SPEED	N3R NEMA 3R											
KW KILOWATTS	CB CIRCUIT BREAKER	FV FULL VOLTAGE	N4X NEMA 4X											
PH PHASE	MR PER MANUFACTURER'S RECOMMENDATIONS	NR NON-REVERSING												
V VOLTAGE	SS SAFETY SWITCH	RE REVERSING												
E ELECTRICAL CONTRACTOR	RV REDUCED VOLTAGE	VF VARIABLE FREQUENCY												
I INTEGRAL WITH EQUIPMENT														
M MECHANICAL CONTRACTOR	NF NON-FUSED													
EQUIPMENT		ELECTRICAL				DISCONNECT				CONTROLLER				
ID	DESCRIPTION	LOAD	V	PH	PANEL - CIRCUIT	FURNISH/INSTALL BY	TYPE	RATING (AMPS)	FUSE SIZE	ENCL.	FURNISH/INSTALL BY	TYPE/ SIZE	ENCL.	REMARKS
EDH-1	ELECTRIC DUCT HEATER	2.0 KW	208	1	AC3-10,12	MMI	-	-	-	-	MM	-	-	4
EF-1.1	INLINE EXHAUST FAN	.07 FLA	120	1	2LAC-X	E/E	SH	15	MR	N1	MM	-	-	5
EF-2.1	EXHAUST FAN	1/4 HP	120	1	2LACA-41	E/E	SH	15	MR	N1	E/E	-	-	1
EUH-1.1	ELECTRIC UNIT HEATER	1.5 KW	120	1	AC3-8	MMI	-	-	-	-	MM	-	-	3
FC-EX.1	RELOCATED FAN COIL UNIT	-	120	1	-	-	SH	-	-	-	-	-	-	2
FC-EX.2	RELOCATED FAN COIL UNIT	-	120	1	-	-	SH	-	-	-	-	-	-	2
FC-EX.3	RELOCATED FAN COIL UNIT	-	120	1	-	-	SH	-	-	-	-	-	-	2
FC-EX.4	RELOCATED FAN COIL UNIT	-	120	1	-	-	SH	-	-	-	-	-	-	2
FC-EX.5	RELOCATED FAN COIL UNIT	-	120	1	-	-	SH	-	-	-	-	-	-	2
FC-1.1	FAN COIL UNIT	1.4 FLA	120	1	AC3-35	E/E	SH	15	MR	N1	MM	-	-	3
FC-2.1	FAN COIL UNIT	1.4 FLA	120	1	AC3-41	E/E	SH	15	MR	N1	MM	-	-	3
FC-2.2	FAN COIL UNIT	1.4 FLA	120	1	AC3-41	E/E	SH	15	MR	N1	MM	-	-	3
FC-2.3	FAN COIL UNIT	1.7 FLA	120	1	AC3-34	E/E	SH	15	MR	N1	MM	-	-	3
FC-2.4	FAN COIL UNIT	1.4 FLA	120	1	AC3-37	E/E	SH	15	MR	N1	MM	-	-	3
FC-2.5	FAN COIL UNIT	1.4 FLA	120	1	AC3-37	E/E	SH	15	MR	N1	MM	-	-	3
FC-3.1	FAN COIL UNIT	1.6 FLA	120	1	AC3-39	E/E	SH	15	MR	N1	MM	-	-	3
FC-3.2	FAN COIL UNIT	1.6 FLA	120	1	AC3-39	E/E	SH	15	MR	N1	MM	-	-	3
FC-4.1	FAN COIL UNIT	1.7 FLA	120	1	AC3-35	E/E	SH	15	MR	N1	MM	-	-	3

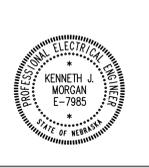
- GENERAL NOTES:
- CONTRACTOR SHALL VERIFY/COORDINATE ALL RATINGS FOR EQUIPMENT SUPPLIED BY THE SELECTED MANUFACTURER. WHERE RATINGS ARE OTHER THAN AS REQUIRED FOR SPECIFIED UNIT, DISCONNECTS, MOTOR STARTERS, OVERCURRENT DEVICES AND RELATED REVISIONS SHALL BE PROVIDED ACCORDINGLY. THE CONTRACTOR THAT FURNISHES EQUIPMENT WITH RATINGS OTHER THAN AS NOTED SHALL BE RESPONSIBLE FOR ALL COORDINATION AND COSTS FOR REVISIONS TO ACCOMMODATE SELECTED EQUIPMENT.
  - ALL FRACTIONAL HORSEPOWER MOTORS SHALL BE PROVIDED WITH INTEGRAL OVERLOAD PROTECTION.
  - HORSEPOWER RATED SWITCHES (SH): FOR 120 V MOTORS LESS THAN 1/2 HP, PROVIDE FUSEHOLDER WITH SWITCH, FUSED PER MANUFACTURER'S RECOMMENDATION AND NEC REQUIREMENTS. FOR 3/4 HP VOLTI 1-PHASE MOTORS LESS THAN 3/4 HP PROVIDE FUSE HOLDER WITH DOUBLE-POLE SWITCH THAT OPENS BOTH CONDUCTORS OF THE CIRCUIT. RATINGS OF FUSES SHALL NOT EXCEED 15 AMPS. FOR 120 V MOTORS RATED 1/2 HP OR 3/4 HP, PROVIDE HP RATED TOGGLE SWITCH (WHERE BRANCH CIRCUIT OVERCURRENT DEVICE MEETS NEC REQUIREMENTS FOR SHORT-CIRCUIT PROTECTION) OR FUSED SAFETY SWITCH.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT TO EQUIPMENT AS INDICATED.
- REMARKS:
- PROVIDE 1-POLE TOGGLE SWITCH LOCATED ADJACENT TO RECEPTACLE ABOVE WORK BENCH AND CONNECT TO CONTROL FAN.
  - RELOCATE EXISTING DISCONNECT AND EXTEND CIRCUIT AS REQUIRED TO ACCOMMODATE THE RELOCATION OF THE FAN COIL UNIT.
  - PROVIDE NEW 20 AMP, 1-POLE CIRCUIT BREAKER IN PANEL INDICATED.
  - PROVIDE NEW 20 AMP, 2-POLE CIRCUIT BREAKER IN PANEL INDICATED.
  - CONNECT TO CIRCUIT SERVING RECEPTACLES IN ROOM.

GENERAL ELECTRICAL NOTES

- ALL CONDUITS IN NEW WALLS, EXISTING STUD WALLS, OR IN AREAS WITH SUSPENDED CEILINGS SHALL BE INSTALLED CONCEALED.
- BRANCH CIRCUIT AND SPECIAL SYSTEMS WIRING FOR DEVICES ON EXISTING WALLS OR EXPOSED CEILINGS WHERE RACEWAY CANNOT BE CONCEALED SHALL BE INSTALLED IN SURFACE METAL RACEWAY.
- ALL EXPOSED RACEWAY IN ROOMS TO BE PAINTED SHALL BE PAINTED TO MATCH SURROUNDING SURFACE. COORDINATE COLOR WITH ARCHITECT. ALL EXPOSED RACEWAY AND FITTINGS IN ROOMS WHICH ARE NOT TO BE PAINTED SHALL BE WIREMOLD #500 OR #700 OR #2400 SERIES WITH FACTORY IVORY FINISH. RACEWAY SUPPORT CLIPS SHALL BE V5703 SERIES.
- SURFACE RACEWAY FOR TV CABLE SHALL NOT BE SMALLER THAN WIREMOLD #700.
- SURFACE RACEWAY FOR TELECOMMUNICATION CABLE SHALL NOT BE SMALLER THAN WIREMOLD #2400. PROVIDE COMPATIBLE 2 GANG EXTRA DEEP DEVICE BOX. ALL FITTINGS FOR TELECOMMUNICATION RACEWAYS SHALL COMPLY WITH EIA STANDARDS FOR BEND RADIUS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING, PAINTING, REPAIRING OR REPLACEMENT OF ALL WALLS, CEILINGS, OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION OR INSTALLATION OF ELECTRICAL WORK.
- PROVIDE ELECTRICAL CONNECTION TO FIRE/SMOKE AND SMOKE DAMPERS INCLUDING POWER, FIRE ALARM, ETC. VERIFY EXACT LOCATION AND QUANTITY OF DAMPERS WITH MECHANICAL DRAWINGS.
- CONTRACTOR SHALL COORDINATE LOCATION OF LIGHT FIXTURES, SPEAKERS, ETC. WITH FIRE RATED CEILINGS AND PROVIDE ENCLOSURES AS REQUIRED TO MAINTAIN THE FIRE INTEGRITY RATING OF THE CEILING. COORDINATE EXACT LOCATIONS OF FIRE RATED CEILINGS WITH ARCHITECTURAL DRAWINGS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- LABELING FOR PANELBOARD DIRECTORIES, FIRE ALARM PANEL PROGRAMMING, ETC. SHALL USE ROOM NUMBERS ASSIGNED BY OWNER AND NOT ROOM NUMBERS LISTED ON DRAWINGS. LABELS ON PANELBOARD DIRECTORY SHALL INCLUDE A DESCRIPTION OF LOAD SUCH AS LIGHTS, RECEPTACLES, MECHANICAL UNIT LOCATIONS, ETC.
- MULTI-WIRE BRANCH CIRCUITS AS DEFINED BY THE NATIONAL ELECTRICAL CODE (CIRCUITS WITH COMMON NEUTRAL) SHALL NOT BE USED. EXCEPTION: WHERE AN EQUIPMENT MANUFACTURER REQUIRES A MULTIWIRE BRANCH CIRCUIT FOR ONLY ONE UTILIZATION EQUIPMENT AND WHERE ALL UNGROUNDED CONDUCTORS OF THAT CIRCUIT ARE OPENED SIMULTANEOUSLY BY THE BRANCH CIRCUIT OVERCURRENT DEVICE.

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**IMPORTANT CONTRACTOR'S NOTE**  
1. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS.  
2. ANY USE OF THESE ELECTRONIC DRAWINGS OR SCALING OF THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.



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Drawing Title  
**- ELECTRICAL COORDINATION**  
Approved Project Director  
KEVIN HUTSELL  
CONSTRUCTION DOCUMENT (CD-3) SUBMITTAL 100X  
APRIL 13, 2012

Project Title  
**RENOVATE BACKFILL DENTAL SPACE**  
NW/HCS  
Location  
**VAMC Grand Island, NE**  
Project Number  
**636-12-101**  
Building Number  
**ONE**  
Drawing Number  
**E0.0**  
Dwg. 21 of 26  
Date  
APRIL 13, 2012  
Checked  
JAZ  
Drawn  
GJH

Office of Construction and Facilities Management  
Department of Veterans Affairs

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot