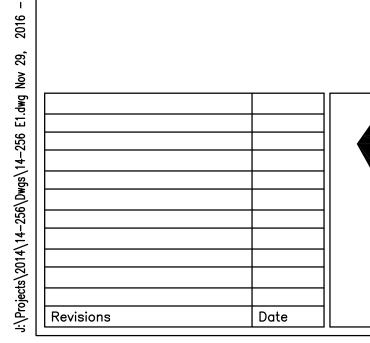
						ELECTRICAL SYMBOLS LEGEND							
LIGHTING			POWER		SYSTEMS				FIRE ALARM			MISC/ABBREVATIONS	
SYMBOLS	DESCRIPTION	MOUNTING HEIGHT	SYMBOLS DESCRIPTION	MOUNTING HEIGHT	SYMBOLS D	DESCRIPTION	MOUNTING HEIGHT	SYMBOLS	DESCRIPTION	MOUNTING HEIGHT	SYMBOLS	DESCRIPTION	MOUNTIN HEIGHT
$^{A}\bigcirc_{a}$	CEILING SURFACE MOUNTED LIGHT FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, SMALL LETTER INDICATES SWITCHING.		DUPLEX RECEPTACLE ("C" INDICATES EMERGENCY CRITICAL BRANCH POWER)	18 INCHES	S	CEILING MOUNTED RECESSED SPEAKER		ΗĒ	MANUAL STATION	48 INCHES	<u> </u>	CEILING-MOUNTED JUNCTION BOX	
\oslash	RECESSED CEILING MOUNTED LIGHT FIXTURE		DOUBLE DUPLEX RECEPTACLE ("C" INDICATES EMERGENCY CRITICAL BRANCH POWER)	18 INCHES	S	CEILING SURFACE MOUNTED SPEAKER		DSD	DUCT PHOTOELECTRIC DETECTOR PHOTOELECTRIC DETECTOR ('S' INDICATES SLEEPING ROOM WITH AUX.		Ю	WALL JUNCTION BOX	18 INCH
Ю	WALL MOUNTED INCAND. OR H.I.D. LIGHT FIXTURE, SURFACE OR, RECESSED MOUNTED		A TYPE L14-30 RECEPTACLE	18 INCHES	HS)	WALL MOUNTED SPEAKER	90 INCHES	S	CONTACT, 'G' INDICATES WITH GUARD,'E' INDICATES FOR ELEVATOR RECALL)	BOTTOM OF		DASHED LINES INDICATE EXISTING FIXTURES, DEVICES, OR EQUIPMENT	
⊕	CEILING EXIT SIGN, SHADED SIDE INDICATES LIGHTED FACE, ARROWS INSTALLED AS SHOWN		B TYPE L14-50 RECEPTACLE	18 INCHES	⊢Ŵ I	MICROPHONE OUTLET	18 INCHES	S	SPEAKER HORN WITH STROBE	LENS 80 INCHES	1///	HASH MARKS INDICATE ITEM NOTED TO BE REMOVED	
н⊗	WALL EXIT SIGN	6 INCHES ABOVE DOOR FRAME TO BOTTOM	G GFCI TYPE RECEPTACLE	18 INCHES	M _F	MICROPHONE FLOOR OUTLET				BOTTOM OF LENS 80 INCHES		CONDUIT CONCEALED IN WALL OR CEILING, QUANTITY OF CONDUCTORS NOT SHOWN, PROVIDE AS REQUIRED FOR DEVICE/CIRCUIT NUMBERS	
• •	SUSPENDED FIXTURE	20	MULTI-OUTLET ASSEMBLY - M.O.A., PROVIDE DEVICES AS SHOWN ON PLANS	18 INCHES	₩	VOLUME CONTROL	48 INCHES		STROBE LIGHT	INCHES	,-,	SHOWN.	
0	SURFACE FLUORESCENT		DUPLEX RECEPTACLE, HALF SWITCHED	18 INCHES				(FA)	FIRE ALARM SPEAKER		UGE	CONDUIT CONCEALED IN FLOOR UNDERGROUND ELECTRICAL CONDUIT AT 24 INCHES MINIMUM	
	RECESSED FLUORESCENT		FLOOR OUTLET, 'R' INDICATES RECESSED, 'F' INDICATES FLUSH, 'S' INDICATES SURFACE MOUNT					CM 	FIRE ALARM MODULE/RELAY				
	FIXTURE CONNECTED TO EMERGENCY LIFE SAFETY POWER		HTS TIME SWITCH			COMPUTER OUTLET (NUMBER INDICATES QUANTITY OF CABLES AND JACKS, NO NUMBER INDICATES ONE)	18 INCHES	DН	MAGNETIC DOOR HOLD OPEN TAMPER (SUPERVISORY) SWITCH (NUMBER INDICATES NUMBER OF		—— UGT ——	UNDERGROUND TELECOMMUNICATIONS CONDUIT AT 24 INCHES MINIMUM HOME RUN TO PANELBOARD, QUANTITY OF CONDUCTORS REQUIRED NOT	
	FIXTURE CONNECTED TO EMERGENCY CRITICAL BRANCH POWER		T DRY TYPE TRANSFORMER			COMBINATION COMPUTER/TELEPHONE OUTLET IN SINGLE GANG OPENING		Ts	DEVICES AT THIS LOCATION		L1-2,4,6	INDICATED, PROVIDE QUANTITY AS REQUIRED FOR CIRCUIT NUMBERS SHOWN, SWITCHING ARRANGEMENT, OR NUMBER OF HOME RUNS	
	TRACK MOUNTED MEDICAL FIXTURE		HPB PUSH BUTTON DOOR OPERATOR	42 INCHES	$ 4_{0}^{2} $	(NUMBER INDICATES QUANTITY OF CABLES AND JACKS, NO NUMBER INDICATES ONE)	18 INCHES	PS	PRESSURE SWITCH		<i>(</i> #10	SHOWN. '#10' INDICATES WIRE SIZE, NO NUMBERS INDICATES #12, 3/4 INCH CONDUIT MINIMUM.	
		7 F00T	HE POWER DOOR HANDICAP PUSH PAD	42 INCHES	⋖ w	TELEPHONE OUTLET ("W" INDICATES WALL MOUNTED AT 48 INCHES)	18 INCHES	FS	FLOW SWITCH			ONE HOUR FIRE BARRIER	
	EMERGENCY BATTERY LIGHT	6 INCHES 7 FOOT	HB EMERGENCY BOILER SHUTDOWN PUSH BUTTON	48 INCHES	1 7 1	WIRELESS ACCESS POINT		[FACP]	FIRE ALARM CONTROL PANEL			TWO HOUR FIRE BARRIER	
\Box	EMERGENCY REMOTE LAMP	6 INCHES	HT E THERMOSTAT - PROVIDE BY DIVISION 26	48 INCHES	WAP	RTLS WIRELESS ACCESS POINT		ANN	FIRE ALARM ANNUNCIATOR				
HPC]	PHOTO CELL	9 FOOT	THERMOSTAT — FURNISHED BY DIVISION 23, INSTALLED BY DIVISION 26	48 INCHES	RTLS			SYMBOLS	DESCRIPTION NURSE CALL	MOUNTING HEIGHT		ONE HOUR FIRE/SMOKE BARRIER	
M _A	LINE VOLTAGE CEILING MOUNTED MOTION SENSOR SWITCH		\$ _M THERMAL SWITCH (MOTOR OVERLOAD TYPE)	48 INCHES	1 - 1	RTLS TRACKING VIRTUAL WALL RTLS TRACKING MONITOR DEVICE	-					TWO HOUR FIRE/SMOKE BARRIER	
M _B	LOW VOLTAGE CEILING MOUNTED MOTION SENSOR SWITCH	84 INCHES	POWER POLE		_	RTLS TRACKING — WALL MOUNT LF EXCITER		NMS N	MASTER STATION NURSE CALL DOME LIGHT	DESKTOP	$\langle 1 \rangle$	NOTE IDENTIFICATION	
M PP	MOTION SENSOR SWITCH POWER PACK		MOTOR (NUMBER REFERS TO MOTOR AND EQUIPMENT SCHEDULE SEE SCHEDULE FOR WIRING AND CONTROLLER REQUIREMENTS)			FLOOR MOUNTED COMMUNICATIONS OUTLET		⊋ ^N	NURSE CALL DOME LIGHT — WALL MOUNTED		<u> </u>	WIRE BASKET TYPE CABLE TRAY	
ΗМ	WALL MOUNTED MOTION SENSOR SWITCH		SURFACE LIGHTING AND APPLIANCE PANELBOARD		HTV	TELEVISION OUTLET		�	NURSE CALL ENHANCED PATIENT STATION - SINGLE BED	48 INCHES			
C ²	CONTACTOR (NUMBER INDICATES NUMBER OF POLES)		EXISTING SURFACE LIGHTING AND APPLIANCE PANELBOARD		Ŕ	REQUEST TO EXIT DEVICE	3 INCHES ABOVE DOOR	Ŷ₽C	NURSE CALL EMERGENCY PULL CORD STATION WITH CALL BUTTON AND TWO WAY AUDIO	48 INCHES	Α	AMPERE	
\$	SINGLE POLE (HORSEPOWER RATED WHEN USED AS MOTOR DISCONNECT)	48 INCHES	RECESSED LIGHTING AND APPLIANCE PANELBOARD		⊬₽R	DOOR POSITION SWITCH, RECESSED	FRAME	∲ E	NURSE CALL EMERGENCY STATION	48 INCHES	AC	ABOVE COUNTER	
\$2	DOUBLE POLE	48 INCHES	SWITCHBOARD OR MOTOR CONTROL CENTER AS NOTED		⊬₽̀S	DOOR POSITION SWITCH, SURFACE MOUNT		ŶD	NURSE CALL DUTY STATION	48 INCHES	AHU C	AIR HANDLING UNIT CONDUIT	
\$3	3-WAY	48 INCHES	SPECIAL EQUIPMENT CABINET AS NOTED		v	DOOR POSITION SWITCH		∰S ŵs∧	NURSE CALL STAFE ASSIST STATION WITH TWO WAY AUDIO	48 INCHES	EF	EXHAUST FAN	
\$4	4-WAY	48 INCHES	ENCLOSED MOLDED CASE CIRCUIT BREAKER			CARD READER	48 INCHES	ŶSA ŵc	NURSE CALL STAFF ASSIST STATION WITH TWO WAY AUDIO NURSE CALL—CALL STATION WITH TWO WAY AUDIO	48 INCHES 48 INCHES	EWC	ELECTRIC WATER COOLER	
\$ _M	OCCUPANCY SENSOR SWITCH	48 INCHES				CARD READER WITH INTEGRAL KEYPAD	48 INCHES	Y ~	NURSE CALL -PATIENT STATION W/ PUSH BUTTON CORD	48 INCHES	FA	FIRE ALARM	
\$ĸ	KEY OPERATED	48 INCHES	☐ NON-FUSED DISCONNECT		_ K	ELECTRIC DOOR LOCK (BY DIVISION 08)		ŶCB	NURSE CALL CODE BLUE STATION	48 INCHES	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	
\$ _P	WITH PILOT LIGHT (CAN BE USED WITH OTHER SWITCH TYPES)	48 INCHES	FJ FUSED DISCONNECT		-	DOOR BUZZER		- SA,CB	NURSE CALL STAFF ASSIST, CODE BLUE WITH CANCEL FUNCTIONALITY	48 INCHES	GR	GROUND	
\$ _D	FLUORESCENT DIMMER	48 INCHES	──		-	SURVEILLANCE CAMERA		⊕ _{T/L}	PILLOW SPEAKER, WITH CALL BUTTON ,TWO WAY AUDIO. 'T' INDICATES WITH TV CONTROL, 'L' INDICATES WITH LIGHTING CONTROL.		PH	PHASE.	
Ф	DIMMER (600 WATT UNLESS OTHERWISE NOTED)	48 INCHES	COMBINATION STARTER-DISCONNECT			BLUE ALARM LIGHT		\triangle^{Z}	NURSE CALL ZONE LIGHT	CLG	TV	TELEVISION	
Φ ₃	3-WAY DIMMER (600 WATT UNLESS OTHERWISE NOTED)	48 INCHES	JUNCTION BOX WITH BLANK COVER			BLOL ALARM LIGHT		© \$	NURSE CALL CALL CORD	18 INCHES	WP	WEATHERPROOF	
\$ _{LV}	LOW VOLTAGE SWITCH	48 INCHES						�	NURSE CALL AUXILIARY JACK, NUMBER INDICATES QUANTITY OF JACKS	TO INCHES	•••		

NOTES:
1. THIS IS A COMPREHENSIVE SYMBOL SCHEDULE. NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.
2. MOUNTING HEIGHT IS TO THE CENTER OF DEVICE UNLESS OTHERWISE INDICATED.

2. MOUNTING HEIGHT IS TO THE CENTER OF DEVICE UNLESS OTHERWISE INDICATED.
3. FOR DEVICES SHOWN AS 48 INCHES MOUNTING HEIGHT, WHEN INSTALLED IN MASONRY BLOCK WALLS, MOUNTING AT 48 INCHES TO THE TOP OF THE OUTLET BOX IS ACCEPTABLE.

			LUMINAIRE	SCHEDULE	<u>, </u>					
PE MAN	MANUFACTURERS CATALOG		FIXTURE DESCRIPTION	LAMP DATA		BALLAST DATA	INPUT	VOLTAGE	MOUNTING	REMARKS
		INFORMATION		NO. TY	PE N	O. TYPE	WATTS			
METALU OR EQU		2GR SERIES	2' X 4' RECESSED LED TROFFER, REGRESSED ALUMINUM DOOR FRAME HINGED AND LATCHED WITH 0.125 INCH THICK PATTERN #12 DIFFUSER. 3800 LUMENS, 1% DIMMING.	LE	0	0-10V DIMMING DRIVER	38	120	RECESSED	
METALU OR EQU		2GR SERIES	2' X 2' RECESSED LED TROFFER, REGRESSED ALUMINUM DOOR FRAME HINGED AND LATCHED WITH 0.125 INCH THICK PATTERN #12 DIFFUSER. 2400 LUMENS, 1% DIMMING.	LE	0	0-10V DIMMING DRIVER	24	120	RECESSED	
COOPER OR EQU		ENCOUNTER LED SERIES	2'X4' RECESSED LED TROFFER. EXTRUDED ALUMINUM HOUSING, VOLUMETRIC FIXTURE. 4000K CRI, 3400 LUMENS, 1% DIMMING.	LE	0	0-10V DIMMING DRIVER	35	120	RECESSED	
COOPER OR EQU		ENCOUNTER LED SERIES	2'X2' RECESSED LED TROFFER. EXTRUDED ALUMINUM HOUSING, VOLUMETRIC FIXTURE. 4000K CRI, 2500 LUMENS, 1% DIMMING.	LE)	0-10V DIMMING DRIVER	25	120	RECESSED	
LITHON OR EQU		LE SERIES	SOLID, DIE-CAST ALUMINUM HOUSING, WHITE ALUMINUM FACING WITH WHITE HOUSING, UNIVERSAL MOUNTING. AC ONLY.	LE	0		1.5	120	UNIVERSAL	
LITHON OR EQU		LE SERIES	SAME AS 'E1', DUAL FACED.	LE	0		1.5	120	UNIVERSAL	
LITHON OR EQU		VW SERIES	1'X4' ROUGH SERVICE LINEAR FLUORESCENT WRAP AROUND FIXTURE. ONE PIECE COLD ROLLED STEEL HOUSING. WHITE POLYESTER POWDER COAT PAINT ON ALL METAL PARTS, CORROSION RESISTANT FINISH.	2 32W-T8		1 ELECTRONIC	58	120	SUSPENDED	
PHILIP OR EQU		HZN SERIES	4', (4) FUNCTION PATIENT LIGHT. EXTRUDED ALUMINUM HOUSING, DIE CAST ALUMINUM END CAPS. UPLIGHT AND DOWNLIGHT CONFIGURATION, POLYCARBONATE LENS. SOLID STATE LOW VOLTAGE CONTROLLER, LED NIGHTLIGHT.	1 LE	0	1 LED DRIVER	40	120	WALL	
BOVIE OR EQU	MEDICAL JAL	MI 1000 SERIES	SINGLE POINT MOUNTED, STERILIZABLE AUTOCLAVABLE HANDLE, 92 CRI, 4100 FC AT 1 METER, 4300K.	1 LE)	1 LED DRIVER	40	120	SURFACE	
PHILIP OR EQU		WG2H SERIES	HORIZONTAL RECTANGLE FACEPLATE, FLUSH MOUNTED LED NIGHT LIGHT. SOFT WHITE FACE PLATE WITH AMBER LED'S. ANTIMICROBIAL FINISH.	LE	0		3	120	WALL	
FAIL S		UCL SERIES	2 FOOT LED UNDERCABINET FIXTURE, SOLID FACE, ACRYLIC LENS, WHITE FINISH, 3500K, 750 LUMENS/FT.	LE	0	LED DRIVER	9	120	SURFACE	
TERON OR EQU		VICEROY SERIES	2 FOOT LED VANITY FIXTURE WITH (2) 6W LED STRIPS, SOLID FACE, ACRYLIC LENS, UP/DOWNLIGHT HOUSING, STEEL TEXTURED WHITE HOUSING, 4000K	LE	0	LED DRIVER	20	120	SURFACE	



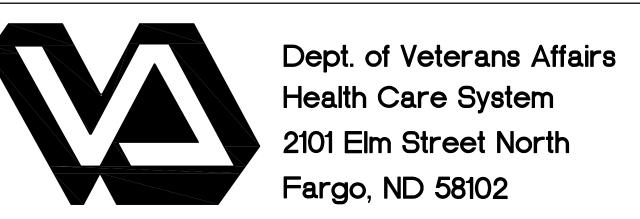
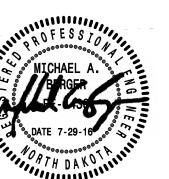


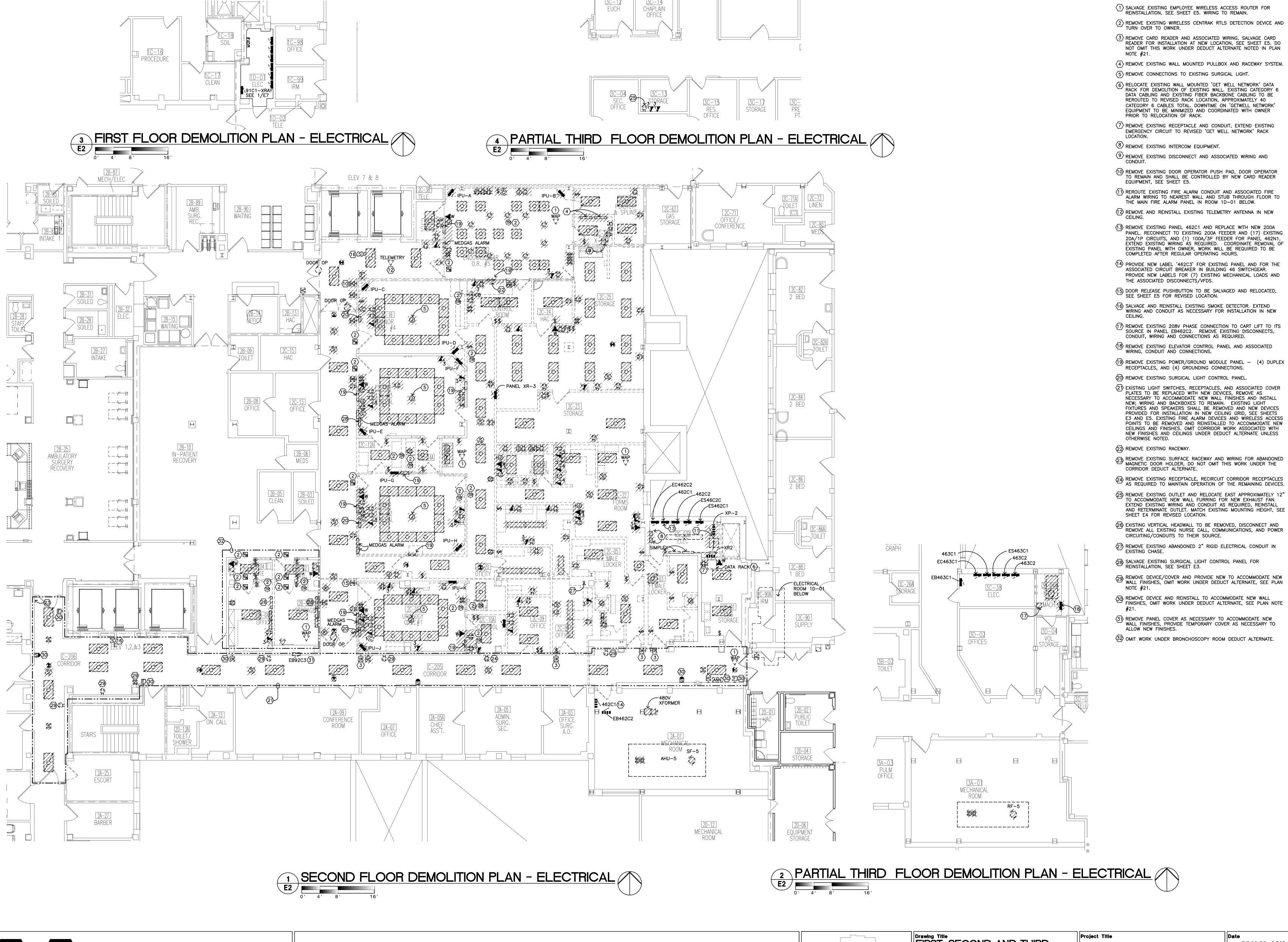




IMAGE GROUP INC., Architecture & Interiors
OBERMILLER NELSON ENGINEERING, Mechanical Engineers
MBN ENGINEERING, Electrical Engineers



	YMBOLS LEGEND	11	NOVATE 2ND FL	JULY 29, 2016	of fairs	
AND LUMINAIRE	11	FOR MEDICAL S	Scale AS NOTED	ment ns Af		
VA Project No. 437–14–110	Contract No. VA263-P-1217 VA263-C-	Designed By	Checked By	Drawn By	Drawing No.	Depart Vetera
Building No. 46 AutoCAD File Name 14-256 E1.dwg		Location FARGO	VA HEALTH CAF FARGO, ND	Dwg. 29 of 36	8	



Date Revisions

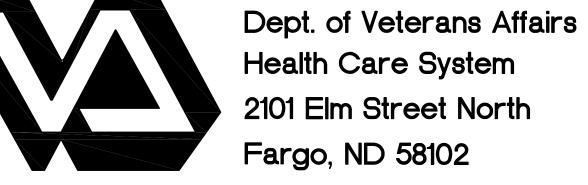
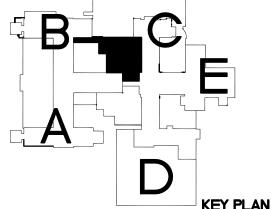






IMAGE GROUP INC., Architecture & Interiors **OBERMILLER NELSON ENGINEERING, Mechanical Engineers** MBN ENGINEERING, Electrical Engineers





FIRST, SECOND	AND THIRD						
FLOOR DEMOLITION PLA							
ELECTRICAL							
VA Project No.	Contract No. VA263-P-						
437-14-110	VA203-F-						

SECOND R DEMOLI TRICAL	REN BLDG 46 F	IOVA FOR	
no. 7-14-110	Contract No. VA263-P-1217 VA263-C-	Designed By	Ch N

AutoCAD File Name 14-256 E2.dwg

	Project Title RENC	JULY 29, 2016 Scale AS NOTED		
	BLDG 46 FC			
	Designed By	Drawing No.		
f	Location	,		

TURN OVER TO OWNER.

PRIOR TO RELOCATION OF RACK.

EQUIPMENT, SEE SHEET E5.

NOT OMIT THIS WORK UNDER DEDUCT ALTERNATE NOTED IN PLAN

DATA CABLING AND EXISTING FIBER BACKBONE CABLING TO BE REROUTED TO REVISED RACK LOCATION, APPROXIMATELY 40 CATEGORY 6 CABLES TOTAL. DOWNTIME ON 'GETWELL NETWORK'

EQUIPMENT TO BE MINIMIZED AND COORDINATED WITH OWNER

EMERGENCY CIRCUIT TO REVISED 'GET WELL NETWORK' RACK

TO REMAIN AND SHALL BE CONTROLLED BY NEW CARD READER

PANEL. RECONNECT TO EXISTING 200A FEEDER AND (17) EXISTING 20A/1P CIRCUITS, AND (1) 100A/3P FEEDER FOR PANEL 462N1, EXTEND EXISTING WIRING AS REQUIRED. COORDINATE REMOVAL OF

EXISTING PANEL WITH OWNER, WORK WILL BE REQUIRED TO BE COMPLETED AFTER REGULAR OPERATING HOURS.

ASSOCIATED CIRCUIT BREAKER IN BUILDING 46 SWITCHGEAR. PROVIDE NEW LABELS FOR (7) EXISTING MECHANICAL LOADS AND

CONDUIT, WIRING AND CONNECTIONS AS REQUIRED.

RECEPTACLES, AND (4) GROUNDING CONNECTIONS.

OTHERWISE NOTED.

CORRIDOR DEDUCT ALTERNATE.

SHEET E4 FOR REVISED LOCATION.

ALLOW NEW FINISHES.

CIRCUITING/CONDUITS TO THEIR SOURCE.

PLATES TO BE REPLACED WITH NEW DEVICES, REMOVE AS NECESSARY TO ACCOMMODATE NEW WALL FINISHES AND INSTALL NEW; WIRING AND BACKBOXES TO REMAIN. EXISTING LIGHT FIXTURES AND SPEAKERS SHALL BE REMOVED AND NEW DEVICES PROVIDED FOR INSTALLATION IN NEW CEILING GRID, SEE SHEETS

E3 AND E5. EXISTING FIRE ALARM DEVICES AND WIRELESS ACCESS

POINTS TO BE REMOVED AND REINSTALLED TO ACCOMMODATE NEW CEILINGS AND FINISHES. OMIT CORRIDOR WORK ASSOCIATED WITH NEW FINISHES AND CEILINGS UNDER DEDUCT ALTERNATE UNLESS

TO ACCOMMODATE NEW WALL FURRING FOR NEW EXHAUST FAN. EXTEND EXISTING WIRING AND CONDUIT AS REQUIRED, REINSTALL AND RETERMINATE OUTLET. MATCH EXISTING MOUNTING HEIGHT, SEE

REMOVE ALL EXISTING NURSE CALL, COMMUNICATIONS, AND POWER

THE ASSOCIATED DISCONNECTS/VFDS.

THE MAIN FIRE ALARM PANEL IN ROOM 1D-01 BELOW.

FARGO VA HEALTH CARE SYSTEM FARGO, ND

<u>|3C-16</u> CARDIOLOGY