RTLS DEVICE LOCATIONS TO BE INSTALLED UNDER NURSE CALL CONTRACT. FOR INFORMATION ON **INTEGRATION WITH NURSE CALL** DEVICES.







VA Black Hills Health Care System - Fort Meade	e Campus, Fort	Mead	le, SD
Revision Notes	Room Count		Hardwar
AS[05/06/2022] : POST SURVEY DESIGN : COVERAGE UPDATED BASED OF	Patient Room	24	Stars
CUSTOMER DIRECTIONS BM [05/27/2022]: Each closet (marked in Pink) will have 1 Cisco POE switch	Staff Room	-	Monitors
BM [05/27/2022]: Soffits on entrances and Nurses stations	Storage Room	-	Virtual Wal
BM [05/27/2022]: Ceiling 15/16" 2x2 grids	Other	-	LF Exciters
	Other	-	Add Monito
G_005	Other	-	Add Virtual
	Other	-	Add LF Exci
Drawn By: - Akshit Shetty	Data: 05/10/2022		Bldg 113 -
Checked By: - AKSHIT SHETTY	Date: 05/10/2	New	
	VA Black Hills Health Care System - Fort Meade Revision Notes AS[05/06/2022] : POST SURVEY DESIGN : COVERAGE UPDATED BASED OF CUSTOMER DIRECTIONS BM [05/27/2022]: Each closet (marked in Pink) will have 1 Cisco POE switch BM [05/27/2022]: Soffits on entrances and Nurses stations BM [05/27/2022]: Ceiling 15/16" 2x2 grids G-005 Drawn By: - Akshit Shetty Checked By: - AKSHIT SHETTY	VA Black Hills Health Care System - Fort Meade Campus, Fort IRevision NotesRoom CountAS[05/06/2022] : POST SURVEY DESIGN : COVERAGE UPDATED BASED OF CUSTOMERPatient RoomSM [05/27/2022]: Each closet (marked in Pink) will have 1 Cisco POE switch BM [05/27/2022]: Soffits on entrances and Nurses stationsStaff RoomBM [05/27/2022]: Ceiling 15/16" 2x2 gridsOtherOtherOtherDrawn By: - Akshit ShettyOtherDrawn By: - Akshit ShettyDate: 05/10/2	VA Black Hills Health Care System - Fort MeadeRevision NotesRoom CountAS[05/06/2022] : POST SURVEY DESIGN : COVERAGE UPDATED BASED OF CUSTOMER DIRECTIONS BM [05/27/2022]: Each closet (marked in Pink) will have 1 Cisco POE switch BM [05/27/2022]: Soffits on entrances and Nurses stationsPatient Room24BM [05/27/2022]: Ceiling 15/16" 2x2 gridsStaff Room-Other-Other-Other-Other-Drawn By: - Akshit ShettyOther-Checked By: - AKSHIT SHETTYDate: 05/10/2022

Enterprise Location Services[™]

FT. MEADE VETERANS HOSPITAL PUBLIC ADDRESS SYSTEM REPLACEMENT

	CABLE TYPE SCHEDULE (THIS PROJECT ONLY)							
TYPE	SIGNAL TYPE/APPLICATION	PLENUM/ NON-PLENUM (NEC RATING)	DESCRIPTION	MFG	PART#	O.D. (in.)	COMMENTS	
А	2-WIRE PRODUCTION COMMS; LINE & MIC LEVEL AUDIO	PLENUM (CMP)	1PR x 22AWG SHIELDED, TWISTED PAIR WITH DRAIN WIRE	WEST PENN OR EQUAL	25291B	0.116	NOT USED	
В	2-PAIR INDIVIDUAL JACKET; LINE & MIC LEVEL AUDIO	PLENUM (CMP)	2PR x 22AWG SHIELDED, TWISTED PAIR WITH DRAIN WIRE	WEST PENN OR EQUAL	D25510	0.14	NOT USED	
D	DC POWER AND CONTACT CLOSURE	PLENUM (CMP)	1PR x 16AWG SHIELDED	WEST PENN OR EQUAL	25294B	0.178		
Е	70 VOLT SPEAKER CABLE	RISER (CMR)	1PR x 16AWG UNSHIELDED	WEST PENN OR EQUAL	225	0.182		
F	MICROPHONE CABLE	RISER (CMR)	1PR x 22AWG DUAL SHIELDED	WEST PENN OR EQUAL	452	0.135		
G	SHIELDED CAT 6A CABLE	PLENUM (CMP)	4PR x 23AWG STP	WEST PENN OR EQUAL	254246AF	0.305	NOT USED	
Н	OUTSIDE PLANT FIBER CABLE	DIRECT BURIAL (CEC OFCP)	ARMORED TIGHT BUFFER FIBER	CORNING OR EQUAL	012EUC-T4101ASN	0.48	12 FIBER SINGLE MODE (OS2)	
J	RISER FIBER CABLE	PLENUM (CEC OFCP)	ARMORED TIGHT BUFFER FIBER	CORNING OR EQUAL	012ED9-T1301-M2	0.22	12 FIBER SINGLE MODE (OS2)	
К	ANALOG "VGA" CABLE 5C MINI-COAXIAL TYPE	RISER (CMR)	5C 25AWG IND. JACKET MINI HI-RES COAX CABLE	BELDEN	1279R	0.403	NOT USED	
L	COPPER ETHERNET CABLE	RISER (CMR)	4PR x 23AWG CAT6 UNSHIELDED, TWISTED PAIR	WEST PENN OR EQUAL	4246	0.22		



SP 4 WALL MOUNT OUTDOOR PAGING SPEAKER WIRE PULL TAG (\mathbb{SP}_5) BEAM MOUNT CEILING SPEAKER – ZONE IDENTIFIER SP 6 ELEVATOR SPEAKER XXX-X-XX SP : CEILING SPEAKER-BLIND MOUNT XXXXX) ||SP WALL MOUNT VANDAL RESISTANT OUTDOOR SPEAKER **TERMINATION LOCATION** - CABLE TYPE END-OF-LINE MONITOR DEVICE FROM TABLE ABOVE

FOR INFORMATION ONLY

- SHEET FLAG-REFERENCES SHEET NUMBER, SIGNAL TYPE, UNIQUE IDENTIFIER

C ⁻						\setminus (/	
<u>COI</u>	NDUIT SEPARATION TABLE NOTES:						DRAWING ABE	BREVIATIONS ABOVE SLAB
1.	THIS PROJECT.	, ALLOWADLE STA		THE AUDIOVISC	JAL FORMON OF		AFF	ABOVE FINISHED FLOOR
2.	FOLLOWING ARE DETAILS OF THE DIFFERENT LEVELS AND TYPES OF AUDIO AND VIDEO SIGNALS THAT WILL BE A PART OF THE COMPLETE SOUND, COMMUNICATIONS, AND VIDEO SYSTEM.							ABOVE FINISHED PLATFORM AUDIO VISUAL CONTRACTOR CONDUIT
3.	IT IS IMPORTANT THAT EACH GROUP (A, B, C, AND D RESPECTIVELY) BE INSTALLED IN CONDUIT DISCREET FROM OTHER GROUP LEVELS. COMMON JUNCTION BOXES / WIRE RACEWAYS THAT COMBINE DIFFERENT CABLES SHALL NOT BE LISED							CENTER LINE CONSTRUCTION MANAGER DIAMETER
4.	ANY WIRING THAT IS CLASSIFIED OTHER WIRING THAT IS IN THE SA	WITHIN A GROUF ME GROUP.	P CAN BE COMB	ined in a con	IDUIT CARRYING		DIM DR (E)	DIMENSION DOOR EXISTING
5.	WHEN A COMBINATION PANEL IS S	SPECIFIED THE CO	ONDUITS WILL E	NTER INTO TH	E BOX WITH THE		E	EAST ELECTRICAL CONTRACTOR
	INTENT OF MAINTAINING THE SEI	PARATION AS MU	ICH AS POSSIBL	E. IN BRINING			EC E.C.	ELECTRICAL CONTRACTOR EMPTY CONDUIT
	DIFFERENT LEVELS OF AUDIO AND	VIDEO SIGNALS	ARE DEFINED AS	S FOLLOWS:			EL FLEC	ELEVATION ELECTRICAL CONTRACTOR
	GROUP A - MICROPHONE AND OTH	IER SENSITIVE WI	RING (0 to 100 mi	illivolts)			EQ	EQUAL
	GROUP B - LINE LEVEL WIRING (10	0 millivolt to 10 volt) 10 volt to 70 volt)				EQV FL	EQUIVALENT FLOOR LEVEL
	GROUP D - TELEPHONE, VIDEO, CO	ONTROL AND DIGI	TAL SYSTEMS				FUT	FUTURE
							GC	MISCELLANEOUS
							N.	
		GROUP A	GROUP B	GROUP C	GROUP D			NOT IN CONTRACT
GR		ADJACENT 6"		12"	12"			NOT TO SCALE OWNER FURNISHED OWNER INSTALLED
BR	OUP C			ADJACENT	6"		OC	ON CENTER
		 2⁄4"		 6"	ADJACENT			OUTER DIAMETER OWNER FURNISHED EQUIPMENT
SCI	R CONTROLLED DEVICES	36"	12"	6"	6"		RCP	REFLECTED CEILING PLAN
220 ALL	/240V FEEDER CIRCUITS - OTHERS (PLUMBING, HEAT, ETC)	72" 12"	72" 12"	72" 12"	72"		S. SOH	SOUTH STANDARD OUTLET HEIGHT
ـــــ	, ,		1		· · · ·		SSH	STANDARD SWITCH HEIGHT
							SECT	SECTION
GEN	NERAL CONDUIT NOTES:							
 1.	REFER TO TABLE ONE (DRAWING ⁻	TE000) FOR ALL SI	EPARATION DIST	ANCES.			W.	WEST
2.	ALL UNDER SLAB CONDUIT SHOUL	.D BE SPECIFIED A	AS RIGID NONME	TALLIC SCHED	OULE 40		DEVICE ABBRI	EVIATIONS - AV
	CONDUIT. ALL OTHER CONDUIT MU	JST BE EMT.					AV-ER	AUDIO/VISUAL EQUIPMENT RACK
3.	THERE ARE MINIMUM CONDUIT SE	PARATIONS THAT	MUST BE MAINT	AINED BETWE	EN CONDUITS		CM CP	CONFERENCE PHONE
	SIGNALS MAY EXIST ON A WALL PA	ANEL, IT IS MPC	PROPRIATE TO	E THAT WHILE RUN MORE TH	IAN ONE GROUP		DS EPD	DIGITAL SIGNAGE DISPLAY
	IN A CONDUIT.						OS	OCCUPANCY SIGN
4.	IT WILL BE NECESSARY AT TIMES I	FOR CONDUITS O	F DIFFERENT GR		SS IN CLOSE		OAL PJ	ON-AIR LIGHT CEILING MOUNTED PROJECTOR
	OTHER.	NOST BE DESIGN	ED TO CROSS AT	90 DEGREES	TO EACH		PS	CEILING MOUNTED PROJECTOR SCREEN
5.	THE CONDUIT PATHS OF THE SOU	ND, COMMUNICAT	TION, AND VIDEO	SYSTEMS (GR	ROUPS A,B,C,		RS TP	ROOM SCHEDULING PANEL
	AND D) SHOULD NOT BE ROUTED I	NEAR POWER TRA	ANSFORMERS, S	CR DIMMERS, I	POWER MOTORS OR		TVB	
	ANY OTHER EQUIPMENT THAT MA	Y BE A SOURCE O	F INTERFERENC	E (SEE CONDU	JIT SEPARATION			
•	DISTANCES).							EVIATIONS - NETWORK
6.	LESS IF REQUIRED BY PREVAILING	CODE. THE CO	GN SHALL REQU	IRE PULL LINE	40% FILL OR S TO BE LEFT IN		MDF	MAIN DISTRIBUTION FACILITY
	ALL CONDUITS BY THE ELECTRICA			ESIGN SHALL			ONT RAU	OPTICAL NETWORK TERMINAL UNIT CORNING ONE REMOTE ACCESS UNIT
	ELECTRICAL CONTRACTOR SHALL	DETERMINE FRO	M THE CABLE SF	PECIFICATIONS	STHE		WAP	WIRELESS ACCESS POINT
	APPROPRIATE PULL TENSIONS AN	D LUBRICANT TO	ENSURE THAT T	HE CABLE INS	ULATION WILL		WB	RECESSED IT WALL ENCLOSURE
7	IN A SITUATION WHERE THERE WIL	L EXIST A HEAVY						
•••	OR WHERE THERE WILL BE LONG	PARALLEL RUNS,	THERE WILL NEE	ED TO BE ADDI	TIONAL			
	SEPARATION BETWEEN THOSE CO CONDUITS.	DUUITS AND THE	SOUND, COMMU	JNICATION ANI	U VIDEO			
8.	SIGNAL CONDUITS SHOULD BE ME RECEPTACLE BOXES. THESE CON	CHANICALLY AND) ELECTRICALLY S SHOULD CONN	CONNECTED T ECT TO THE BI	FO THE UILDING SAFETY			
	GROUNDING SYSTEM.							
9.	ALL SYSTEMS WIRING SHOULD BE ARCHITECT AND APPROVED BY TH CONSULTANT/ENGINEER.	IN CONDUIT UNLI IE SOUND, COMM	ESS AUTHORIZE	D BY THE PRO. VIDEO	JECT			
10.	WHERE CONDUITS FOR THE SOUN	ID, COMMUNICATI	ON AND VIDEO S	SYSTEM ENTER	REQUIPMENT			
	RACKS; THERE WILL BE A DIALECT	ICALLY INSULATE						
	RACK (SEE AV-702).		אפזפ ווטעמיל IEM		NOOIO UF I HE			
11.	THE SOUND SYSTEM TECHNICAL	GROUND IS BOND	ED TO THE META	AL FRAME OF A	LL EQUIPMENT			
	RACKS AND TO THE UNINSULATED) GROUND BUSS E	BAR OR GROUND	NG LUG MOUI ROUNDING עיני	NTED IN EACH			
	BONDED TO ONE CENTRAL EQUIPI	MENT RACK LUG.	THIS CENTRAL E	QUIPMENT RA	CK GROUNDING			
	LUG WILL BE THE ONLY CONNECT THE GANGING OF RACKS TOGETH	ION TO THE SOUN ER WITH MECHAN	ID SYSTEM TECH	INICAL GROUN	ID CONDUCTOR. CCEPTABLE			
12	METHOD OF BONDING THE SOUND	ATED FROM THE	CAL GROUND BE		S. REVENT			
	COMING INTO CONTACT WITH ANY	SAFETY GROUNI	DED ITEMS DURI	NG OPERATION	N.			
13.	DUPLEX RECEPTACLES WILL HAVE ISOLATED GROUND BUSS BAR THA PANELBOARD FOLLOWING A SEPE	E AN INSULATED G AT WILL BE LOCAT RATELY DERIVED	ROUND CONDUCED IN THE FIRST	CTOR CONNEC FBRANCH CIRC M DEMARCATIC	CTED TO THE CUIT ON.			
14.	ALL CONDUIT TO BE SIZED BY ELE	CTRICAL CONTRA			ALL APPLICABLE			
	FEDERAL AND LOCAL CODES.						PROJEC	T CONTACTS
15.		ED ELECTRICAL F	POWER PANEL(S) BE USED FOF	R ALL		ס ובסד הי	
16	ALL ELECTRICAL POWER CIRCUITS	S FOR AUDIOVISU	AL DEVICES AT A		S ARE TO HAVE		ANTHONY H	AMMOND, CTS
	AN ISOLATED GROUND.						JOHNSON C CONNECTEI	DITECHNOLOGIES
17.	ALL ELECTRICAL POWER CIRCUITS DEDICATED CIRCUITS.	S FOR AUDIOVISU	AL DEVICES AT A	ALL LOCATIONS	S ARE TO BE		1350 NORTH ROSWELL, G	IMEADOW PARKWAY, SUITE 100 GA 30076

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_		AUDIO/VISUA WALL MOUNTI WALL MOUN	ED VOLUME CONT T PAGING SPEAK	TROL	1.	REMOVE EXISTING PAGING EQUIPMENT AND WIRING IN ITS ENTIRETY. NEW WIRING TO BE RI IN NEWLY INSTALLED CONDUIT. (TYPICAL)
_	(SP) ₂	2' x 2' LAY	-IN TILE SPEAKEF	र	2.	TARGET VOLUME FOR SPEAKER OUTPUT IS 75d AT AVERAGE STANDING EAR HEIGHT.
_	©3	SURFACE MOL	JNT CEILING SPE	AKER	3.	REFER TO SIGNAL DIAGRAMS FOR TAP SETTING
_		BEAM MOUN	UUNT SPEAKER	(FR		
	SP5	ELEVA	TOR SPEAKER			
_	SP ₇	CEILING SPE	AKER-BLIND MOL	JNT		
_	HSP ₈	WALL MOUNT VAN	DAL RESISTANT (SPEAKER	DUTDOOR		
		END-OF-LIN	E MONITOR DEVI	CE		
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						KEY NOTES - LOW VOLTAGE
					1.	AREA.
					2.	THIS MAY NEED TO CHANGE BASED ON NEW SYSTEM DESIGN/DEPLOYMENT.
					3.	DENOTES AREA OF FUTURE RENOVATION.
					4.	SPEAKERS ARE SPACED GENERALLY 10' APART CENTER TO CENTER. IF A CEILING OBSTRUCTION EXISTS LOCATE SPEAKER TO NEXT AVAILABLE
					_	CEILING TILE, 24" MAXIMUM.
					5.	SPEAKERS ARE SPACED GENERALLY 15' APART CENTER TO CENTER. IF A CEILING OBSTRUCTION EXISTS, LOCATE SPEAKER TO NEXT AVAILABLE CEILING TILE, 24" MAXIMUM.
						KEY NOTES - ELEC. COORDINATIO
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OVHP FUNCTIONAL-BLDG 113 SECOND FLOOR 01

SCALE: NOT TO SCALE

FOR INFORMATION ONLY

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	Sheet List Table Sheet Number	Sheet Title		
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	NC-101.2 NC-101.3	1ST FLOOR PLAN BUILDING 113 EAST 1ST FLOOR PLAN BUILDING 113 SOUTH 2ND FLOOP PLAN BUILDING 113		
	NC-102 NC-102.1 NC-102.2	2ND FLOOR PLAN BUILDING 113 2ND FLOOR PLAN BUILDING 113 2ND FLOOR PLAN BUILDING 113		
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	NC-201 NC-501	RISER DIAGRAM HEAD END DETAILS		
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	NC-701 NC-702 NC-703	WIRING TYPICALS WIRING TYPICALS WIRING TYPICALS		
GENERAL	NOTES			
 THESE DRAWING CONDUITS IS TO SHALL BE CLEAF SHOULD ANY CO DEVIATIONS IN T MANNER SO AS I CONTRACTOR IS CIRCUITING AS F AFFECTED BY AI THE POWER CIR CIRCUIT . UPDATE THE AS JOHNSON CONT THE CONTRACTOR THE NURSE CALL ROOF ASSEMBLI NURSE CALL CA LOCATIONS. ONLY SYSTEM W 120VAC IS NOT F MAINTAIN MAXIN 	AS DEPICT GENERAL LOCATIC BE DETERMINED IN THE FIEL RLY INDICATED ON THE RECOM INDITIONS EXIST THAT DIFFEF HE WORK SHOWN, THE CONT NOT TO IMPAIR THE CONSTRU- RESPONSIBLE FOR MAKING A REQUIRED TO ACCOMMODATE IN AUTHORIZED CHANGE. ALL CUIT TO THE NURSE CALL NC -BUILT DRAWING SET DAILY W ROLS NO LATER THAN 7 DAYS DR WILL MAINTAIN ALL AREAS L SYSTEM INSTALLER WILL M/ ES ANY TIME THAT WORK IS N BLE INSTALLED IN UNDERGRO /IRING CAN BE RUN IN THE SAM PERMITTED IN THE SAME CON IUM CONDUIT FILL RATIO AS F	NS OF LIFE SAFETY EQUIPMENT & FIELD DEVICES. E. D BY THE INSTALLING CONTRACTOR TO SUIT CONDIT RD DRAWINGS. RFROM WHAT IS INDICATED ON THESE DRAWINGS W RACTOR SHALL CONTACT TYCO JOHNSON CONTROL CTION SCHEDULE. AND OBTAINING APPROVAL FOR ALL NECESSARY AD THE RELOCATION OF EQUIPMENT AND/OR DEVICES CHANGES SHALL BE CLEARLY INDICATED ON THE R T LOCATIONS SHALL BE CLEARLY INDICATED ON THE R T LOCATIONS SHALL BE ON A DEDICATED 120V, 20A O ITH JOB PROGRESS. RETURN THE AS-BUILT DRAWIN AFTER FINAL TEST. OF THE BUILDING IN A NEAT AND WORKMANLIKE MA ANTAIN THE FIRE RESISTANCE INTEGRITY OF ALL W/ IOT ACTIVELY BEING PERFORMED. DUND CONDUIT OR OTHER WET LOCATIONS SHALL BI ME CONDUIT. DUIT WITH LOW VOLTAGE WIRING. 'ER APPLICABLE ELECTRICAL CODES REQUIREMENT	XACT ROUTING OF TIONS. ALL CHANGES WHICH CAUSE MAJOR LS IN A TIMELY JUSTMENTS IN 3 WHICH ARE RECORD DRAWINGS. CRITICAL BRANCH VG SET TO TYCO ANNER. ALL, CEILING, AND RE UL LISTED FOR WET TS	

FORT MEADE VA HOSPITAL BLACK HILLS, SOUTH DAKOTA NURSE CALL SYSTEM

						ABBREVIATIONS LEGEND		JOHNSON CONT	ROLS CONTACTS
						AC = ABOVE CEILING AFF = ABOVE FINISHED FLOOR	NEC = NATIONAL ELECTRIC CODE NFPA = NATIONAL FIRE PROTECTION ASSOCIATION	Sales Representative	Drawings Prepare
NU	RSE CALL SYM					AHJ = AUTHORITY HAVING JURISDICTION ALM = ALARM	NIC = NOT IN CONTRACT NPU = NETWORK PROCESSING UNIT	THOMAS THOMPSON THOMAS.THOMPSON@JCI.COM	ROBBIE SCOTT ROBBIE.SCOTT@JCI.CC
	DESCRIPTION Nurse Call Head End	PART NUMBER	ΒΑϹΚΒΟΧ	HEIGHT		ANN = ANNUNCIATOR BMS = BUILDING MANAGEMENT SYSTEM C = CEILING MOUNTED	NTS = NOT TO SCALE PAP = PRE-ACTION PANEL RC = EXISTING TO REMOVE AND COVER	PHUNE:813-382-2607	PHONE:336-841-8550
	Equipment Location Color Touch	NGTDSPA-H	Raco #231 w/782 Plaste	er Ring 18"		CD = CANDELA RATING DET = DETECTOR	RD = EXISTING DEVICE TO BE RELOCATED RL = RELOCATED DEVICE	Project Manager	Drawings Reviewe
	VoIP Console Color Touch VoIP	NGWDSP-HU	(1 gang) Raco #692 (3gang)	48"		DGP = DATA GATHERING PANEL E = EXISTING TO REMAIN	RR = REMOVE EXISTING & REPLACE WITH NEW SCC = STATUS COMMAND CENTER	RHETT DAVIS RHETT.M.DAVIS@JCI.COM PHONE:303-250-2087	JEFFERY SOMERVILLE JEFFERY.SOMERVILLE(DHONE:336.8/11.8550
P	Bedside Patient Station	NUBM3-HU	Raco #231 w/782 Plaste (1 gang)	er Ring 48"		EOL = END OF LINE EPO = EMERGENCY POWER OFF	SLC = SIGNALING LINE CIRCUIT SMK = SMOKE	FTONE.303-230-2307	F110NE.330-041-0330
SP	Single Patient Stn /w Pillow Spk, 2 Aux Jacks Adapters, a 37 Pin Bed Adapter	and NUPSTN-H (1)NUHSDADVEP-H (1)NUBAC37-H (2)NUQIJA-H	Raco #692 (3gang)	48"		ER = ELEVATOR RECALL FAA = FIRE ALARM ANNUNCIATOR FACP = FIRE ALARM CONTROL PANEL FATC = FIRE ALARM CONTROL CARINET	SUPV = SUPERVISORY TAC = TRUEALERT ADDRESSABLE CONTROLLER TOS = TOP OF SHAFT TRUE = TROUBLE		
DP	Dual Patient Stn /w (2)Pillov Spk, (2) 37 Pin Bed Adapter	NUPSTN-H (2)NUHSDADVEP-H (2)NUBAC37-H	Raco #692 (3gang)	48"		FBO = FURNISHED BY OTHERS FCC = FIRE COMMAND CENTER FSD = FIRE SMOKE DAMPER	TS = TAMPER SWITCH TYP = TYPICAL LION = LINI ESS OTHERWISE NOTED		
EA	Audio Pull Cord	NULAPC3-HU	Raco #231 w/782 Plaste (1 gang)	er Ring 36"		FTR = FIRE ALARM TRANSPONDER H = HIGH HUMIDITY	VCC = VOICE COMMAND CENTER VT = VALVE TAMPER		
EP	Pull Cord	NUPC3-HU	(1 gang)	ar Ring		HT = HEIGHT HVAC = HEATING VENTILATION & AIR CONDITIONING	W = WATTAGE		
(EP)s	Pull Cord	NUPC3-HU	(1 gang)	72"		IMS = INFORMATION MANAGEMENT SYSTEM	W/O = WITHOUT		
	Lt - 4 Section	NUDL4S-H	gang)	Door/Ceiling		MAX = MAXIMUM MIN = MINIMUM	WF = WATERFLOW WG = WIRE GUARD		
Z	Lt - 4 Section	NUDL4S-H	gang)	Door/Ceiling		N/A = NOT APPLICABLE NAC = NOTIFICATION APPLIANCE CIRCUIT	WP = WEATHERPROOF XP = EXPLOSION PROOF		
$\langle R \rangle$	Room Locations)	NUCL4-H	Raco #231 w/PLaster Rin gang)	ng (1 Above Door/Ceiling		NDU = NETWORK DISPLAY UNIT			
\bigcirc	Dome Light (Located Above Ceiling)	NUDL4S-H	Raco #231 w/PLaster Rin gang) can be surface mo	ng (1 Installed ounted Above Ceiling				PROJECT DIREC	TORY
ф	REF Circuit - 120/V-20A	e" Provided By Others	NA						
TV	REF Recptacle	Existing Devcie	NA					<u>Site</u>	Johnson Controls Distric
LC	REF Low Voltage Light Controller	Existing Device	NA					FORT MEADE VA HOSPITAL 113 COMANCHE RD,	2821 FIECHTNER DRIVE SW
CA	3-Button Station - Custom Config Code Blue/Staff Assi	st NUDM3-HU	Raco #231 w/782 Plaste (1 gang)	er Ring 48"				FORT MEADE, SD 57741	FARGO, ND 58103 PHONE: 701-237-6712
CW	Weather Proof Emerg Call Station	ETECH MODEL TBD	Raco #231 w/782 Plaste (1 gang)	er Ring 48"					FAX: 701-280-2955 SERVICE: 701-237-6712
WS	Work Station PC - Desktop	TBD	Raco #231 w/782 Plaste (1 gang)	er Ring 18"				Owner	
W	LCD Workflow Station	NGWDSP-HU	Raco #692 (3gang)	48"				FORT MEADE VA HOSPITAL	
SS Or DS	Smart Staff / Duty Station	NUDM3-HU NUSPM-HU NUF2G-HU NUAUCC-HE	Raco #692 (3gang)	48"				113 COMANCHE RD, FORT MEADE, SD 57741	
	Auxiliary Jack Station w/ 2	NUIAUX2-HU	Raco #231 w/782 Plaste	er Ring 48"					
PE	Vandal Proof Push Button	ETECH MODEL TRD	Raco #231 w/782 Plaste	er Ring 48"					
PE L	Vandal Proof Push Button (Pus	h ETECH	Raco #231 w/782 Plaste	er Ring 18"					
(S)	Vandal Proof in Ceiling	NUSPM-HU	Custom ceiling mount b	packbox In					
	Speaker Device dip switch address to	be set on device pric	r to installation. Refer to	o NC-700 sheets for					
	dip switch addressing details	. Leave set to defaul	t '0' if address is not show	wn					
NURSE	CALL WIRE L	.IST							
SYM. PART N	NUMBER	DESCRIPTION		FUNCTION					
AB				Corridor Trunk Cable					
Δ				Network Cable & Room Static	on				
				Cable.					
					_				

FOR INFORMATION ONLY



1. 120VAC CRITICAL POWER OUTLET IS TO BE PROVIDED BY AT THE NCT HEAD END RACK LOCATION. ALL CABLES ARE TO BE IN CONDUIT. REMOVE ALL OLD NURSE CALL SYSTEM IN ITS ENTIRETY (CABLE, CONDUIT, DEVCIES, ETC). RECONNECT ALL EXISTING TV AND LIGHT CONTROL CONNECTIONS. SEE SHEET NC-703. KEYNOTES: T RUN CONSOLE/ANNUNCIATOR/WORKFLOW OR WORK STATION TO NCT113-1A AND CONNECT TO SWITCH PORT AS SHOWN ON SHEET NC-501. RUN TO NCT 113-1A AND CONNECT TO GATEWAY 113-1A-1 PORT A. SEE SHEET NC-501 FOR FURTHER DETAILS. 3 RUN TO NCT 113-1A AND CONNECT TO GATEWAY 113-1A-1 PORT B. SEE SHEET NC-501 FOR FURTHER DETAILS. RUN TO NCT 113-1A AND CONNECT TO GATEWAY 113-1A-2 PORT A. SEE SHEET NC-501 FOR FURTHER DETAILS. 5 RUN TO NCT 113-1A AND CONNECT TO GATEWAY 113-1A-2 PORT B. SEE SHEET NC-501 FOR FURTHER DETAILS.
 Kun to NCT 113-1A AND CONNECT TO GATEWAY 113-1A-3 PORT A. SEE SHEET
 NC-501 FOR FURTHER DETAILS. RUN TO NCT 113-1A AND CONNECT TO GATEWAY 113-1A-3 PORT B. SEE SHEET NC-501 FOR FURTHER DETAILS. 8 RUN TO NCT 113-1A AND CONNECT TO GATEWAY 113-1A-4 PORT A. SEE SHEET NC-501 FOR FURTHER DETAILS. RUN TO NCT 113-1B AND CONNECT TO GATEWAY 113-1B-1 PORT A. SEE SHEET NC-501 FOR FURTHER DETAILS. RUN TO NCT 113-1B AND CONNECT TO GATEWAY 113-1B-1 PORT B. SEE SHEET NC-501 FOR FURTHER DETAILS. (12) RUN TO NCT 113-1B AND CONNECT TO GATEWAY 113-1B-2 PORT A. SEE SHEET NC-501 FOR FURTHER DETAILS. RUN TO NCT 113-1B AND CONNECT TO GATEWAY 113-1B-2 PORT B. SEE SHEET NC-501 FOR FURTHER DETAILS. (14) RUN CONSOLE/ANNUNCIATOR/OR WORKFLOW STATION TO NCT113-3B AND CONNECT TO POWER SWITCH PORT AS SHOWN ON SHEET NC-501. (21) RUN CONSOLE/ANNUNCIATORWORKFLOW OR WORK STATION TO NCT113-2A AND CONNECT TO SWITCH PORT AS SHOWN ON SHEET NC-501. (22) RUN TO NCT 113-2A AND CONNECT TO GATEWAY 113-2A-1 PORT A. SEE SHEET NC-501 FOR FURTHER DETAILS. RUN TO NCT 113-2A AND CONNECT TO GATEWAY 113-2A-1 PORT B. SEE SHEET NC-501 FOR FURTHER DETAILS. (31) RUN CONSOLE/ANNUNCIATOR/WORKFLOW OR WORK STATION TO NCT113-2B AND CONNECT TO SWITCH PORT AS SHOWN ON SHEET NC-501. RUN TO NCT 113-2B AND CONNECT TO GATEWAY 113-2B-1 PORT A. SEE SHEET NC-501 FOR FURTHER DETAILS. (33) RUN TO NCT 113-2B AND CONNECT TO GATEWAY 113-2B-1 PORT B. SEE SHEET NC-501 FOR FURTHER DETAILS. (41) RUN CONSOLE/ANNUNCIATOR/WORKFLOW OR WORK STATION TO NCT113-1C AND CONNECT TO SWITCH PORT AS SHOWN ON SHEET NC-501. _____ AL EDURE

201A

MATCHLINE MATCHLINE NURSE CALL SYMBOL LEGEND PART NUMBER BACKBOX Nurse Call Head End TBD Equipment Location Color Touch NGTDSPA-H VoIP Console Color Touch Vol (1 gang) NGWDSP-HU Raco #692 (3gang) nnunciato NUBM3-HU (1 gang) Single Patient Stn /w Pillow NUPSTN-H Spk, 2 Aux Jacks Adapters, and (1)NUHSDADVEP-H 37 Pin Bed Adapter 37 Pin Bed Adapter)NUQIJA-I Dual Patient Stn /w (2)Pillow NUPSTN-H Raco #692 (3gang) (2)NUHSDADVEP-H Spk, (2) 37 Pin Bed Adapters (2)NUBAC37-H Customizable Lavatory NULAPC3-HU Audio Pull Cord Customizable Lavatory (1 gang) NUPC3-HU Pull Cord Customizable Lavatory NUPC3-HU S Pull Cord (1 gang) NUDL4S-H Lt - 4 Section Infinity LED Zone NUDL4S-H Lt - 4 Section Dome Light (Inside of -NUCL4-H Room Location Dome Light (Located Above NUDL4S-H Ceiling) F <u>Circuit - 120/V-20A</u> TV Remote Control By Others Existing Devcie Recptacle REF Low Voltage Light Existing 3-Button Station - Custom NUDM3-HU Config Code Blue/Staff Assist (1 gang Weather Proof Emerg ETECH MODEL Call Station Work Station PC -TBD (1 gang) Desktop NGWDSP-HU Raco #692 (3gang) LCD Workflow Station



GENERAL NOTES:



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DUTY/STAFF STATIONS CONSIST OF A DOORSIDE MODULE, SPEECH MODULE, 2 DEVICE FRAME, AND JUMPER CABLE.



DOORSIDE/CUSTOM MODULE WIRING DETAILS (ALSO PART OF STAFF OR DUTY STATION)

Details and Options Doorside Module (NUDM3-HU)



2

0



USE ADDRESS SWITCHES A0, A1, AND A2 FOR DEVICE ADDRESSING. LEAVE ADDRESS SET TO DEFAULT '0' UNLESS NOTED ON FLOOR PLANS. USE THE RJ-45 ROOM BUS JACKS TO CONNECT FROM THE DOME LIGHT OR PREVIOUS ROOM STATION. USE THE SECOND RJ-45 JACK TO CONNECT TO THE NEXT STATION IN LINE IF REQUIRED. NOTE THAT EITHER JACK CAN BE USED FOR THE INCOMING OR OUTGOING ROOM BUS CONNECTION. THIS DEVICES IS ALSO USED TO MAKE A DUTY STATION AND IS COMBINED WITH A SPEECH MODULE AND A TWO DEVICE FRAME.

SPEECH MODULE WIRING DETAILS (ALSO PART OF STAFF OR DUTY STATION)



-6dB 0dB





USE ADDRESS SWITCHES A0, A1, AND A2 FOR DEVICE ADDRESSING. LEAVE ADDRESS SET TO DEFAULT '0' UNLESS NOTED ON FLOOR PLANS. USE THE ROOM BUS JACKS TO CONNECT FROM THE DOME LIGHT OR PREVIOUS ROOM STATION. USE THE SECOND RJ-45 JACK TO CONNECT TO THE NEXT STATION IN LINE IF REQUIRED. NOTE THAT EITHER JACK CAN BE USED FOR THE INCOMING OR OUTGOING ROOM BUS CONNECTION. LEAVE STATION SET TO 0dB UNLESS NOTED OTHERWISE ON FLOORPLANS. THIS STATION IS USED TO CREATE A DUTY STATION AND IS COMBINED WITH A DOORSIDE MODULE IN A TWO DEVICE FRAME.





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USE ADDRESS SWITCHES A0, A1, AND A2 FOR DEVICE ADDRESSING. LEAVE ADDRESS SET TO DEFAULT 0 UNLESS FLOORPLANS SHOW A SPECIFIC ADDRESS SETTING. USE THE RJ-45 ROOM BUS JACKS TO CONNECT FROM THE DOME LIGHT OR PREVIOUS ROOM STATION. USE THE SECOND RJ-45 JACK TO CONNECT TO THE NEXT STATION IN LINE IF REQUIRED. NOTE THAT EITHER JACK CAN BE USED FOR THE INCOMING OR OUTGOING ROOM BUS CONNECTION. REFER TO TV AND LIGHTING CONTROL DETAIL FOR CONNECTIONS TO THOSE DEVICES IF REQUIRED. THE STATION ALSO HAS A CONTACT INPUT AND A RELAY OUTPUT TO ONLY BE USED IF INDICATED ON THE FLOORPLANS.

AUX INPUT STATION WIRING DETAILS

Details and Options Auxiliary Input Module (NUIAUX2-HU) A2 A1 A0





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USE ADDRESS SWITCHES A0, A1, AND A2 FOR DEVICE ADDRESSING. LEAVE ADDRESS SET TO DEFAULT 0 UNLESS FLOORPLANS SHOW A SPECIFIC ADDRESS SETTING. USE THE RJ-45 ROOM BUS JACKS TO CONNECT FROM THE DOME LIGHT OR PREVIOUS ROOM STATION. USE THE SECOND RJ-45 JACK TO CONNECT TO THE NEXT STATION IN LINE IF REQUIRED. NOTE THAT EITHER JACK CAN BE USED FOR THE INCOMING OR OUTGOING ROOM BUS CONNECTION.

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иг Locai() 322137 :58:07 PM	A1 BUILDING 113 SECOND SCALE: 1" = 20'-0"	LEVEL POWER PLAN
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ECT AND PROVIDE POWER AS REQUIRED IURSE CALL, SPEAKERS, AND RTLS ES IN CONSTRUCTION BOUNDS. DINATE WITH OTHER PANEL DRAWINGS.

CONSTRUCTION AREA

POWER GENERAL NOTES

Α.

WHERE NEW CIRCUIT BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, WORK MUST BE COMPLETED DURING OFF-HOURS. COORDINATE SCHEDULE AND ANY DOWNTIME WITH THE VA IN ADVANCE.

	-
	KEYNOTES
1	PROVIDE (1) 20A CIRCUIT FROM PANEL 2CBLA TO A NEW QUAD RECEPTACLE IN 250 FOR NUR SYSTEM. USE EXISTING SPARE 20A CIRCUIT BREAKER IN PANEL.
2	PROVIDE (1) 20A, 208V, 1-Ph CIRCUIT FROM PANEL 2CC1 TO A NEW L6-20R RECEPTACLE IN RC FOR NEW PA SYSTEM. PROVIDE A NEW 20A, 2-POLE CIRCUIT BREAKER IN PANEL 2CC1 IN PLA EXISTING SPARE 100A 2-POLE BREAKER IN PANEL. MATCH CHARACTERISTICS OF EXISTING BREAKERS IN PANEL. EXISTING PANEL IS A GE PANELBOARD.
3	PROVIDE (1) 20A CIRCUIT FROM PANEL 2CBLB TO A NEW QUAD RECEPTACLE IN ECS232 FOR CALL SYSTEM. USE EXISTING SPARE 20A CIRCUIT BREAKER IN PANEL.
4	PROVIDE (1) 20A, 208V, 1-Ph CIRCUIT FROM PANEL 2CBLB TO A NEW L6-20R RECEPTACLE IN E FOR NEW PA SYSTEM. PROVIDE A NEW 20A, 2-POLE CIRCUIT BREAKER IN PANEL 2CBLB IN PL EXISTING SPACES IN PANEL. MATCH CHARACTERISTICS OF EXISTING BREAKERS IN PANEL. E PANEL IS A SOUARE D NO PANEL BOARD.

254	256C 256B 256B 256B 256B	<u>256</u>	257 <u>258</u> 3 259
		C200E	<u>260</u>
<u>268</u> 269			
269A			

