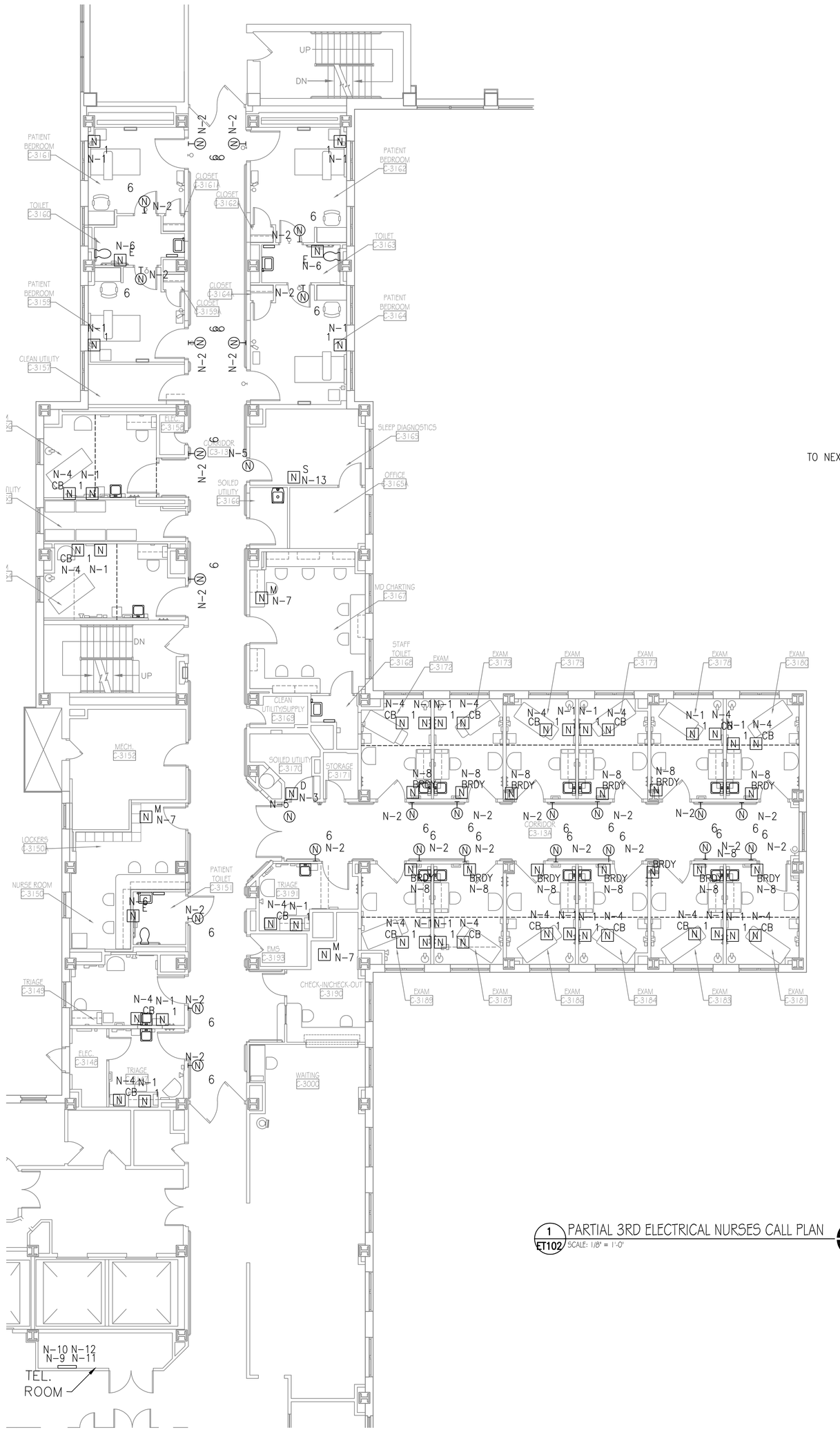
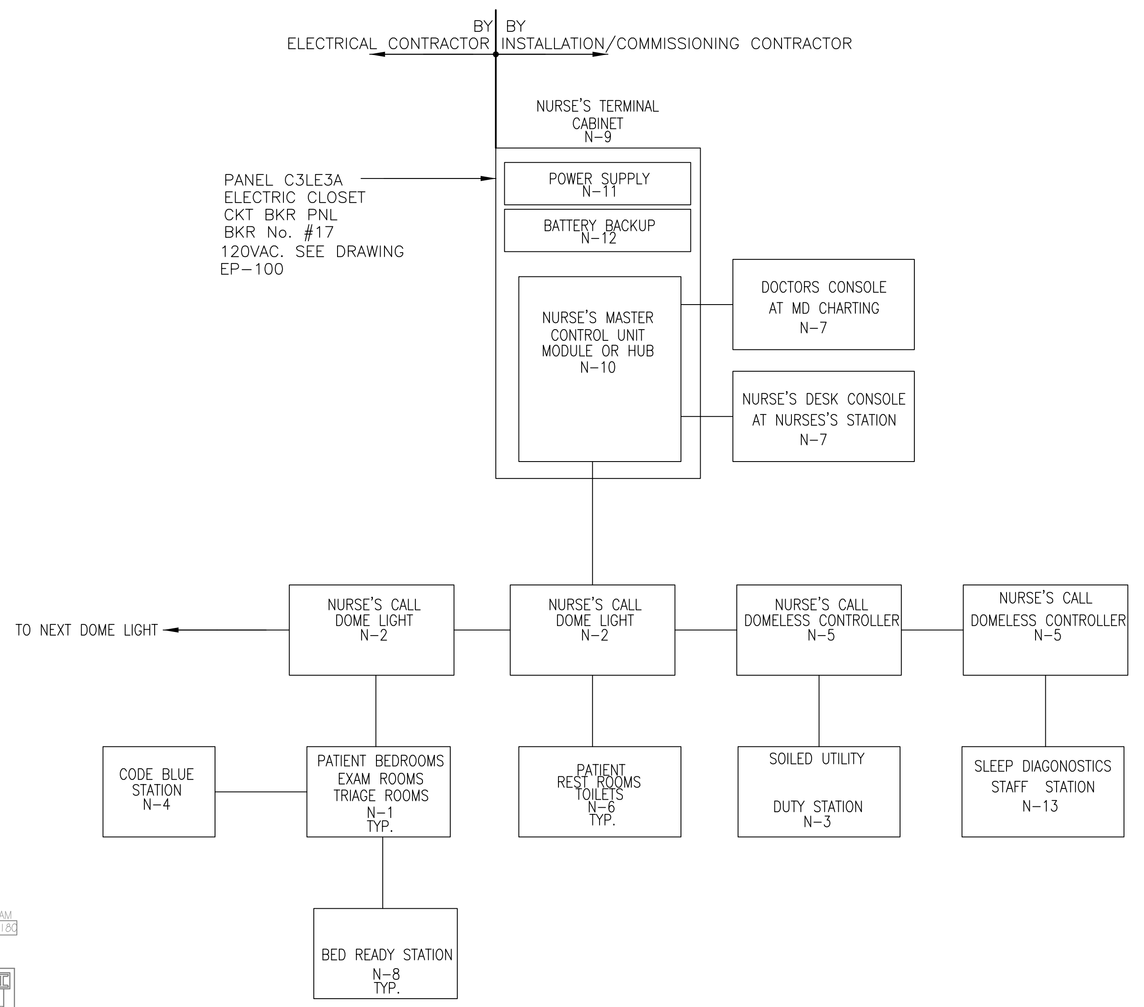


1 ET102 PARTIAL 3RD ELECTRICAL NURSES CALL PLAN
SCALE: 1/8" = 1'-0"



2 ET102 TYPICAL NURSE CALL SYSTEM BLOCK DIAGRAM
SCALE: NTS

1. REFER TO MANUFACTURERS REQUIREMENTS FOR ALL WIRING AND ASSOCIATED EQUIPMENT PRIOR TO INSTALLATION. Rauland Responder by Southwestern Communication or equal.
2. ALL WIRING SHALL BE PLENUM RATED.
3. ALL COMPONENTS LISTED AND SHOWN HERE SHALL BE REUSED AND NEW DEVICES SHALL BE ADDED AS NECESSARY. DEVICES TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR FOR A COMPLETE SYSTEM.

ITEM SCHEDULE

ITEM	ITEM DESCRIPTION	MANUFACTURER	FUNCTION
N-1	Nurse's Call Station - Single - Bed with call cord	Responder IV Model NCBSS1 with CC200 or Equal	Patient call bed side station with intercom communication with the Nurse's
N-2	Nurse Call Signal Dome Light - Corridor	Responder IV Model NCLED6 or Equal	Communication visual indicators to signal Nurses there is a call
N-3	Nurse Call Duty Station - 5' AFF	Responder IV Model NCDUTY or Equal	Communication with staff in work areas with visual indicators, intercom and emergency indication lights
N-4	Nurse's Call Code 1 (blue) emergency with staff assist Station	Responder IV Model NCDPB2 or Equal	Patient Code Blue (emergency) with staff assist Station
N-5	Nurse's Signal Domeless Controller	Responder IV Model NCJSOLO or Equal	Communication hubs for staff work areas where visual indicators (dome lights) are not required
N-6	Nurse's Call Pull Station - Emergency	Responder IV Model NCPCS1 or Equal	Patient communication with Nurses where needed in bathrooms
N-7	Nurse's Staff Monitoring Station	Responder IV Model NCLCD or Equal	Communication with Nurses to staff and patients
N-8	Nurse's Station Cleaning/ Bed Ready	Responder IV Model NCBRDY or Equal	Nurses System Cleaning/Bed Ready Station to signal that a bed is ready to be used in the Procedure Rooms
N-9	Nurse's Station Terminal Cabinet	Responder IV Model NC2828 or Equal	Cabinet to house all the components required to power the system
N-10	Nurse's Master Station Group Control Module	Responder IV Model NCGCM or Equal	Control Hub for all Nurse's Call devices
N-11	System Power Supply	Responder IV Model NCBSS1 or Equal	Battery supply backup for emergency cases where loss of power on the normal supply source
N-12	Battery Backup	Responder IV Model NCPWR or Equal	Battery supply backup for emergency cases where loss of power on the normal supply source
N-13	Nurse's Staff Station	Responder IV Model NCSTAFF or Equal	Communication with staff in general areas with intercom functions only

GENERAL NOTES

1. INSTALLATION/COMMISSIONING CONTRACTOR TO INSTALL AND COMMISSION ANY AND ALL OTHER COMPONENTS AND WIRING NOT SHOWN TO MAKE A COMPLETE AND FUNCTIONING OPERATING SYSTEM.
2. INSTALLATION/COMMISSIONING CONTRACTOR TO REUSE THE EXISTING NURSE CALL SYSTEMS DEVICES AND WILL ADD NEW DEVICES AS NECESSARY TO MAKE A COMPLETE OPERATING SYSTEM. SEE LIST FOR MORE DETAIL.
3. NOTE 2 APPLIES TO ALL TRACER/ASCOM SYSTEMS AS REQUIRED.
4. ALL WIRING AND CABLEING SHALL BE PROVIDED NEW TO COMPLETE A NEW SYSTEM

LEGEND

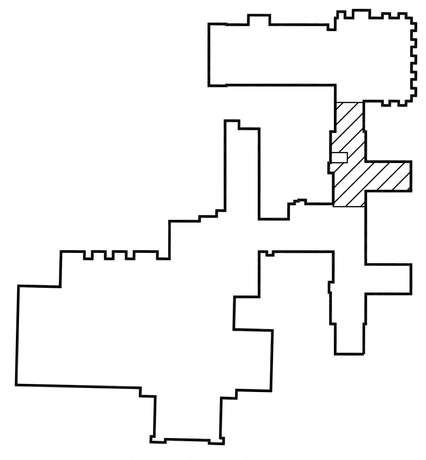
N T x — NURSE CALL STATION.
1 = STATIONS FOR SINGLE BEDS MTD 5'-0" AFF UNLESS OTHERWISE NOTED.
D = DUTY STATION. MTD 5'-0"AFF UNLESS NOTED OTHERWISE.
CB = CODE BLUE WITH STAFF ASSIST STATION. MTD 5'-0"AFF UNLESS NOTED OTHERWISE.
BRDY = CLEANING/BED READY STATION. MTD 5'-0"AFF UNLESS NOTED OTHERWISE.
E = MTD 3'-0" AFF FOR TOILET LOCATION.
S = AUDIO VISUAL MALL STATION (STAFF) MTD 5'-0" AFF UNLESS OTHERWISE NOTED.

2 N — NURSE CALL STATION.
2 = NURSE'S CALL DOME LIGHT (SUFFIX INDICATES No OF LAMP) MTD 6" ABOVE DOOR.
D = CORRIDOR DOME LIGHT.
I = AUXILIARY INTERSECTIONAL DOME LIGHT.
NURSE'S CALL

ITEMIZED TO BE REUSED - NEW DEVICES LIST 9-6-12

Design Document Item #	Model #	Description	Quote or price tab ##	1	2	3	4
				Reuse of Existing 3rd Floor	3rd Floor Required	3rd New (+) Reuse (-)	Notes
--	NC4JACK	Auxiliary 4 Alarm Station			18		Note 2
--	NCBBK	RIV Battery Back-Up Unit				1	Note 2
--	NCBED	Feature Bed Receptacle - 37 Pin			19		Note 2
N-8	NCBRDY	RIV Cleaning Required/ Bed Ready St		12	19	-7	Note 1
--	NCBSPLIT2	RIV 1 to 2 Control Splitter		4		4	Note 2
N-1	NCBSS1	RIV Single Patient Station		21	19	2	Note 1
N-4	NCDPB2	RIV Dual Push Button St		17	19	-2	Note 1
N-3	NCDUTY	RIV Duty Station		1	2	-1	Note 1
N-10	NCGCM	RIV Group Control Module		1			Note 2
N-5	NCJSOLO	RIV J-BUS Interface no S-bus		2	2		Note 1
N-7	NCLCD	RIV LCD Master		3	1	2	Note 1
N-2	NCLED6	RIV 6 LED Corridor Light		26	15	11	Note 1
N-6	NCPCS1	RIV Pull Cord St		3	13	-10	Note 1
N-12	NCPWR	RIV Floor Power Supply		1	1		Note 1
--	NCRMS1	RIV Single Relay Isolation Module			11		Note 2
--	NCRSM36	Responder NET Database Expan Module					Note 2
--	CCDIN	Call Cord - DIN Connector		21			Note 2
N-9	NC2828	Head-End Cabinet		1		1	Note 2
--	NCSSPLIT4	RIV 1 TO 4 Sub-station Splitter		14	31	-17	Note 1
N-13	NCSTAFF	RIV Staff Station		1	1		Note 1
--	NCTSPLIT3	RIV Control / Sub-station Splitter			5		Note 2
--	NCTVS1	Single Bed Digtal TV Isolation Module			11		Note 2
--	NCUS1	RIV Non-Audio Universal Station Mod		1		1	Note 2
--	NCWALL	RIV Wall Mount Kit for NCLCD					Note 2
--		Versus - IR Sensor			29	NA	Note 2
--		Versus - RF Sensor			1	NA	Note 2
--		Ascom - base station			2	-2	Note 2

1. (-#) INDICATES SURPLUS, NO NEW ADDITIONAL DEVICES REQUIRED. (+#) INDICATES NUMBER OF NEW DEVICES REQUIRED.
2. VERIFY ACTUAL ITEM DEVICE LIST WITH LATEST SOUTHWESTERN COMMUNICATION'S ESTIMATION AND EQUIPMENT DEVICE LIST FOR 3RD AND 4TH FLOOR AREAS



Revisions:	Date
65% SUBMITTAL SET	01.07.2012
95% SUBMITTAL SET	03.07.2012
BID DOCUMENTS SUBMITTAL SET	05.14.2012
REVISION - REVISED NOTE TO REUSE EXISTING NURSE CALL	9-5-2012
REVISION - ADDED NOTE TO REUSE EXISTING TRACER/ASCOM	9-5-2012
REVISION - ADDED REUSE - NEW ITEMIZED LIST	9-5-2012

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Drawing Title: ELECTRICAL NURSES CALL SYSTEM 3RD FLOOR PLAN, NOTES, AND BLOCK DIAGRAM
Project Title: RENOVATE FOR CLINICAL IMPROVEMENTS
Project Number: 583C16254
Building Number: 1
Drawing Number: ET-102
3FY12
PROJECT ENGINEER: Mary Piwowarski
Approved Engineering Chief:
Location: 3 WEST - C WING & 4 EAST - C WING
SCALE: 1/8"= 1'-0"
Approved Service Chief:
Date: MAY 14, 2012
Checked: JS
Drawn: DS

BID DOCUMENTS
Engineering and Facilities Management Services
Department of Veterans Affairs

RLR VAMC FORM 09-JD0227

PLOT DATE: 9/7/2012 10:46 AM
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