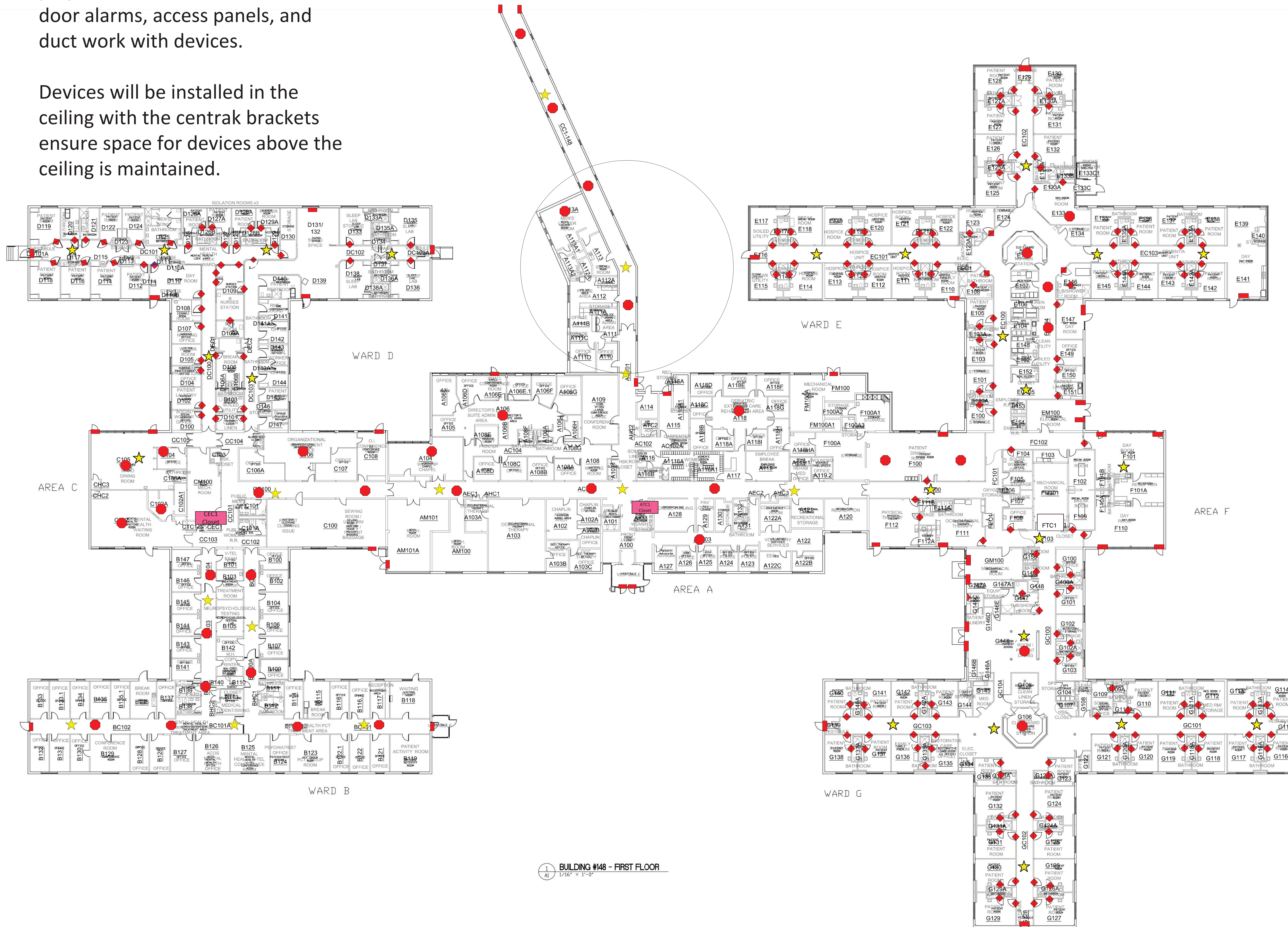




Devices on this sheet to be provided under nurse call overhead page project contractor shall coordinate door alarms, access panels, and duct work with devices.

Devices will be installed in the ceiling with the centrak brackets ensure space for devices above the ceiling is maintained.



BUILDING #148 - FIRST FLOOR
1:1/8" = 1'-0"

Timing Controller	★
Stars	☆
Monitors	●
Virtual Walls	▲
LF Exciters	■

Final designs must be approved by partner/hospital prior to implementation

VA Black Hills Health Care System - Fort Meade Campus, Fort Meade, SD		
Revision Notes	Room Count	Hardware Count
AS[05/06/2022] : POST SURVEY DESIGN : COVERAGE UPDATED BASED OF CUSTOMER DIRECTIONS	Patient Room -	Stars 36
BM [05/27/2022]: Each closet (marked in Pink) will have 1 Cisco POE switch	Staff Room -	Monitors 36
BM [05/27/2022]: drywall ceiling 1 Sleep rooms, Mounting anchors needed in D122, 124.	Storage Room -	Virtual Walls 400
Hallways 2x4 grids 15/16" ceiling strips	Add Star -	LF Exciters 41
	Other -	Add Monitor -
	Other -	Add Virtual Wall -
	Other -	Add LF Exciter -
G-010	Date: 05/10/2022	Bldg 148

Drawn By: - Nimit Gala
Checked By: - AKSHIT SHETTY

PROJECT INFORMATION

FT. MEADE VETERANS HOSPITAL

100 COMANCHE RD
FT. MEADE, SD

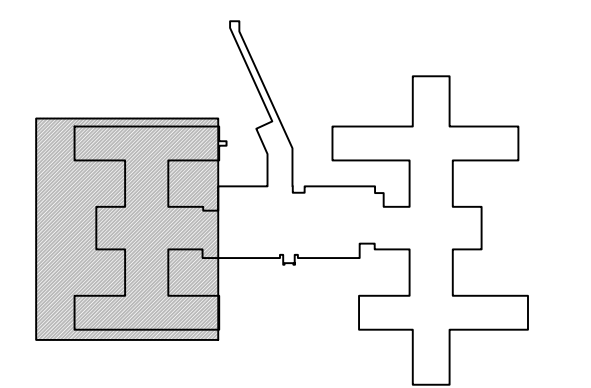
SET MILESTONE SUBMISSIONS

DESCRIPTION	DATE
65% CONSTRUCTION DOCUMENTS	4/1/2022
95% CONSTRUCTION DOCUMENTS	5/13/2022
100% CONSTRUCTION DOCUMENTS	6/17/2022
ISSUED FOR CONSTRUCTION	8/10/2022
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SHEET REVISIONS

Δ	DESCRIPTION	DATE
01	65% CONSTRUCTION	5/4/2022
02	95% CONSTRUCTION	5/27/2022
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KEY PLAN



PROJECT TEAM

SALES REP:	
PROJECT MANAGER:	
APP ENGINEER:	
DRAWN BY:	AH
APPROVED BY:	AH
SYSTEM	

TECHNOLOGY

DRAWING TITLE

BUILDING 148 FIRST FLOOR-SOUTH

PLOT DATE:	8/9/2022	CONTRACT NUMBER:	----
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TE-111-148-1S

GENERAL NOTES FLOOR PLAN

- REMOVE EXISTING PAGING EQUIPMENT AND WIRING IN ITS ENTIRETY. NEW WIRING TO BE RUN IN NEWLY INSTALLED CONDUIT. (TYPICAL)
- TARGET VOLUME FOR SPEAKER OUTPUT IS 75dB AT AVERAGE STANDING EAR HEIGHT.
- TARGET VOLUME FOR COURTYARD SPEAKERS IS 85dB AT AVERAGE STANDING EAR HEIGHT.
- REFER TO SIGNAL DIAGRAMS FOR TAP VALUES.

KEY NOTES - LOW VOLTAGE

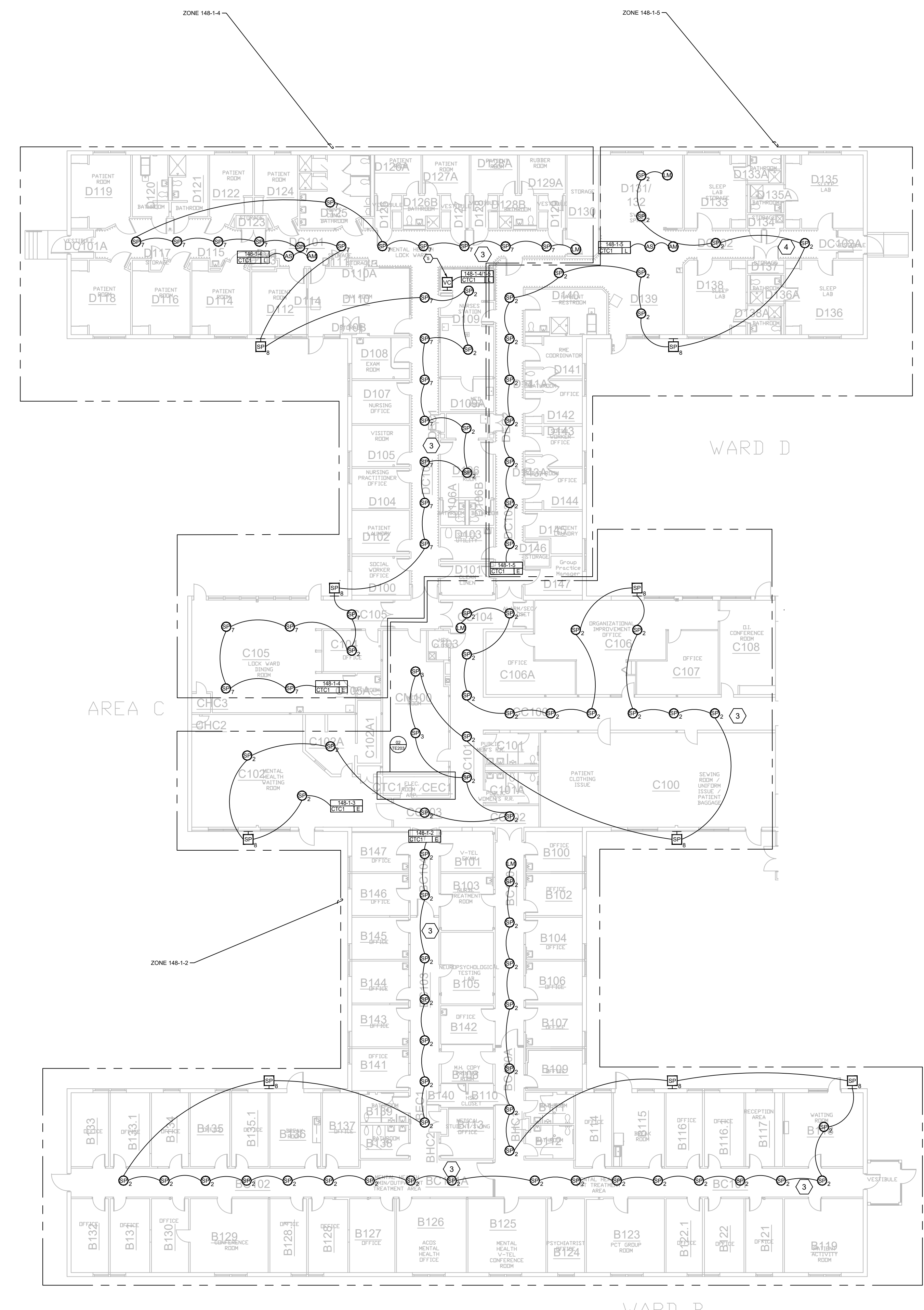
- SPEAKER COVERAGE IS BASED ON A 1:1 REPLACEMENT.
- ELEVATOR SPEAKERS SHALL BE CONNECTED TO THE WIRING THAT IS PART OF THE TRAVEL CABLE. CONNECTION TO THE AMPLIFIER ZONE SHALL BE MADE AT THE ELEVATOR HOUSING LOCATED IN THE PENTHOUSE.
- SPEAKERS ARE SPACED GENERALLY 10' APART CENTER TO CENTER. IF A CEILING OBSTRUCTION EXISTS, LOCATE SPEAKER TO NEXT AVAILABLE CEILING TILE, 24" MAXIMUM.
- SPEAKERS ARE SPACED GENERALLY 15' APART CENTER TO CENTER. IF A CEILING OBSTRUCTION EXISTS, LOCATE SPEAKER TO NEXT AVAILABLE CEILING TILE, 24" MAXIMUM.
- VOLUME CONTROL TO BE PROGRAMMED TO CONTROL ZONE 4 AND ZONE 5 VIA USER BUTTON SELECTION.

KEY NOTES - ELEC. COORDINATION

AUDIO/VISUAL SYMBOLS

VC	WALL MOUNTED VOLUME CONTROL
SP ₁	WALL MOUNT PAGING SPEAKER
SP ₂	2' x 2' LAY-IN TILE SPEAKER
SP ₃	SURFACE MOUNT CEILING SPEAKER
SP ₄	WALL MOUNT SPEAKER
SP ₅	BEAM MOUNT CEILING SPEAKER
SP ₆	ELEVATOR SPEAKER
SP ₇	CEILING SPEAKER-BLIND MOUNT
SP ₈	WALL MOUNT VANDAL RESISTANT OUTDOOR SPEAKER
M	END-OF-LINE MONITOR DEVICE
AS	AMBIENT NOISE SENSING DEVICE
AM	AMBIENT SENSING MICROPHONE

New speaker locations



ISSUE NO.	DATE	CHK	DESCRIPTION
1	8/7/2022	RS	85% SUBMITTAL ISSUE (RND SUBMISSION)
2	6/30/2022	RS	85% SUBMITTAL ISSUE (RND SUBMISSION)
3	7/15/2022	RS	100% SUBMITTAL ISSUE

SUBMITTAL	
DRAWN BY:	R. SCOTT
CHECKED BY:	J. SOMERVILLE
ISSUE DATE:	2/8/22
JOB #:	365-650236962
PROJECT #:	JOHNSON CONTROLS @ 2022
SYSTEM:	NURSE CALL SYSTEM
SHEET:	1ST FLOOR PLAN BUILDING 148

- GENERAL NOTES:**
- THE EXACT WALL LOCATION OF EACH ROOM DEVICE WAS NOT KNOWN AT THE TIME OF THIS DRAWING. ROOM DEVICES WILL BE REPLACED AT THEIR EXISTING LOCATIONS UNLESS OTHERWISE NOTED.
 - 120VAC CRITICAL POWER OUTLET IS TO BE PROVIDED BY OTHERS 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, DEVICES, ETC).
 - RECONNECT ALL EXISTING TV AND LIGHT CONTROL CONNECTIONS. SEE SHEET NC-703.
- KEYNOTES:**
- RUN CONSOLE/ANNUNCIATOR OR WORKFLOW STATION TO NCT148-1C AND CONNECT TO POWER SWITCH PORT AS SHOWN ON SHEET NC-503.
 - RUN TO NCT 148-1C AND CONNECT TO GATEWAY 148-1C-1 PORT A. SEE SHEET NC-503 FOR FURTHER DETAILS.
 - RUN TO NCT 148-1C AND CONNECT TO GATEWAY 148-1C-2 PORT B. SEE SHEET NC-503 FOR FURTHER DETAILS.
 - RUN TO NCT 148-1C AND CONNECT TO GATEWAY 148-1C-2 PORT B. SEE SHEET NC-503 FOR FURTHER DETAILS.
 - RUN CONSOLE/ANNUNCIATOR OR WORKFLOW STATION TO NCT148-1A AND CONNECT TO POWER SWITCH PORT AS SHOWN ON SHEET NC-503.
 - RUN TO NCT 148-1A AND CONNECT TO GATEWAY 148-1A-1 PORT A. SEE SHEET NC-503 FOR FURTHER DETAILS.
 - RUN TO NCT 148-1A AND CONNECT TO GATEWAY 148-1A-1 PORT B. SEE SHEET NC-503 FOR FURTHER DETAILS.
 - RUN CONSOLE/ANNUNCIATOR OR WORKFLOW STATION TO NCT148-1B AND CONNECT TO POWER SWITCH PORT AS SHOWN ON SHEET NC-501.
 - RUN TO NCT 148-1B AND CONNECT TO GATEWAY 148-1B-1 PORT A. SEE SHEET NC-503 FOR FURTHER DETAILS.
 - RUN TO NCT 148-1B AND CONNECT TO GATEWAY 148-1B-1 PORT B. SEE SHEET NC-503 FOR FURTHER DETAILS.
 - RUN CONSOLE/ANNUNCIATOR OR WORKFLOW STATION TO NCT148-1D AND CONNECT TO POWER SWITCH PORT AS SHOWN ON SHEET NC-503.

- NURSE CALL SYMBOL LEGEND**
- | SYMBOL | DESCRIPTION | PART NUMBER | BACKBOX | MOUNTING HEIGHT |
|--------|--|--|---------------------------------------|-------------------------|
| NCT | Nurse Call Head End Equipment Location | TBD | NA | NA |
| NT | Color Touch | NGTDSFA-H | Raco #231 w/782 Plaster Ring (1 gang) | 18" |
| NTV | Color Touch VoIP | NGWDSF-HU | Raco #692 (3 gang) | 48" |
| AN | Annunciator | NU3M3-HU | Raco #231 w/782 Plaster Ring (1 gang) | 48" |
| SP | Bedside Patient Station | NU3M3-HU | Raco #692 (3 gang) | 48" |
| SP | Single Patient Stn /w Pillow Spk, 2 Aux Jacks Adapters, and 37 Pin Bed Adapter | NU3M3-HU | (2)NU3M3-DVEP-H (2)NU3M3-CI-H | 48" |
| DP | Dual Patient Stn /w (2)Pillow Spk, (2) 37 Pin Bed Adapters | NU3M3-HU | Raco #692 (3 gang) | 48" |
| GA | Customizable Lavatory Audio Pull Cord | NU3AP3-HU | Raco #231 w/782 Plaster Ring (1 gang) | 36" |
| EP | Customizable Lavatory Pull Cord | NU3PC3-HU | Raco #231 w/782 Plaster Ring (1 gang) | 36" |
| EP | Customizable Lavatory Pull Cord | NU3PC3-HU | Raco #231 w/782 Plaster Ring (1 gang) | 72" |
| EP | Infinity LED Dome Light - 4 Section | NU3L4S-H | Raco #231 w/Plaster Ring (1 gang) | Above Door/Ceiling |
| EP | Infinity LED Zone Light - 4 Section | NU3L4S-H | Raco #231 w/Plaster Ring (1 gang) | Above Door/Ceiling |
| EP | Dome Light (Inside of Room Location) | NU3L4S-H | Raco #231 w/Plaster Ring (1 gang) | Above Door/Ceiling |
| EP | Dome Light (Located Above Ceiling) | NU3L4S-H | Raco #231 w/Plaster Ring (1 gang) | Installed Above Ceiling |
| EP | Provided "Critical Care" Ref Circuit - 120V/20A | Provided by Others | NA | NA |
| EP | TV Remote Control | Existing Device | NA | NA |
| EP | Recaptable | Existing Device | NA | NA |
| EP | Low Voltage Light Controller | Existing Device | NA | NA |
| EP | Button Station - Custom Config Code Blue/Staff Assist | NU3M3-HU | Raco #231 w/782 Plaster Ring (1 gang) | 48" |
| EP | Weather Proof Emerg Call Station | ETECH MODEL TBD | Raco #231 w/782 Plaster Ring (1 gang) | 48" |
| EP | Work Station PC - Desktop | TBD | Raco #231 w/782 Plaster Ring (1 gang) | 18" |
| EP | LCD Workflow Station | NGWDSF-HU | Raco #692 (3 gang) | 48" |
| EP | Smart Staff / Duty Station | NU3M3-HU
NU3M4-HU
NU3ZG-HU
NU3AUC3-HE | Raco #692 (3 gang) | 48" |
| EP | Auxiliary Jack Station w/ 2 1/4" Jack Inputs | NU3AJ2-HU | Raco #231 w/782 Plaster Ring (1 gang) | 48" |
| EP | Vandal Proof Push Button (Push On/Push Off) | ETECH MODEL TBD | Raco #231 w/782 Plaster Ring (1 gang) | 48" |
| EP | Vandal Proof Push Button (Push On/Off) (Mounted Low) | ETECH MODEL TBD | Raco #231 w/782 Plaster Ring (1 gang) | 18" |
| EP | Vandal Proof in Ceiling Speaker | NU3M4-HU WITH BACKBOX | Custom ceiling mount backbox in TRD | In Ceiling |
| EP | Device dip switch address to be set on device prior to installation. Refer to NC-700 sheets for dip switch addressing details. Leave set to default '0' if address is not shown. | | | |
- Note: Device mounting heights listed are typical. Most device back boxes in this project are pre-existing and will be reused at the current heights that may differ from the heights in this legend.

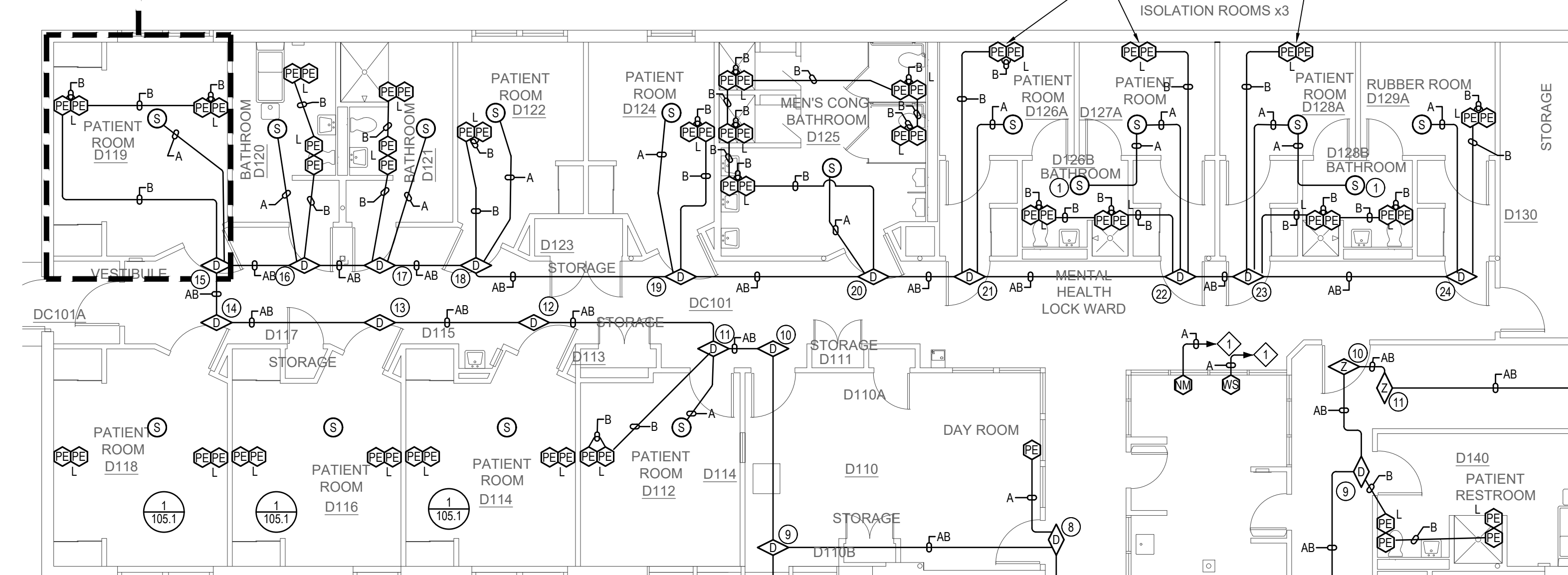
NURSE CALL WIRE LIST

SYM	PART NUMBER	DESCRIPTION	FUNCTION
AB	423020 (Plenum)	*1	Corridor Trunk Cable
A	423060 (Plenum)	*1	Network Cable & Room Station Cable.
B	423080 (Plenum)	*1	Vandal Proof Button

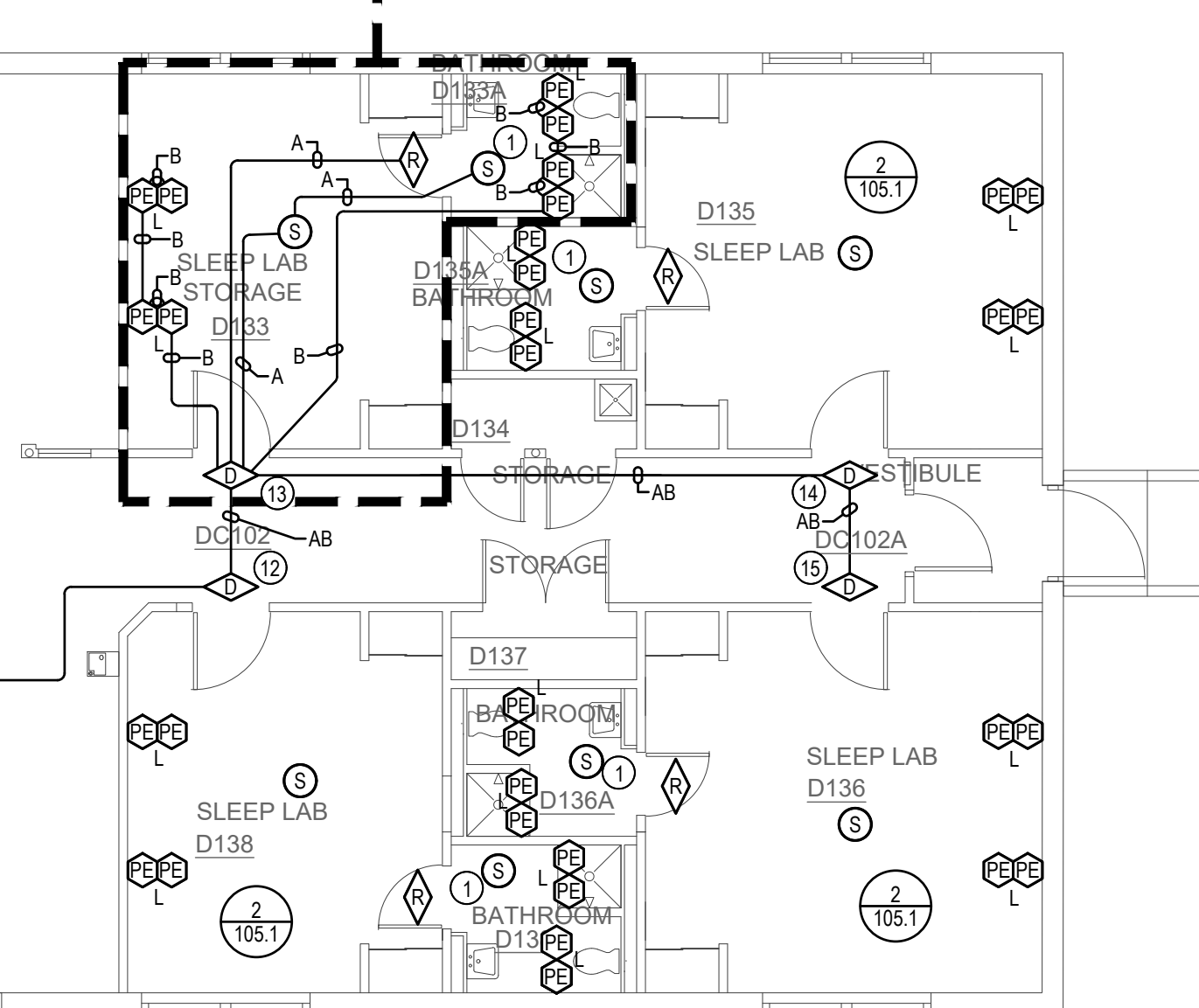
*1 Paige Electric Part Numbers (www.paigeelectric.com).

Nurse call device install locations from nurse call project

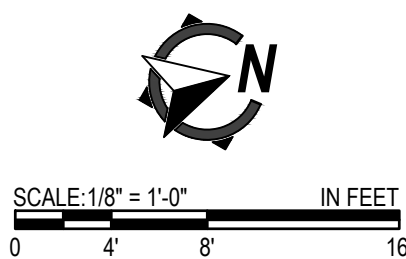
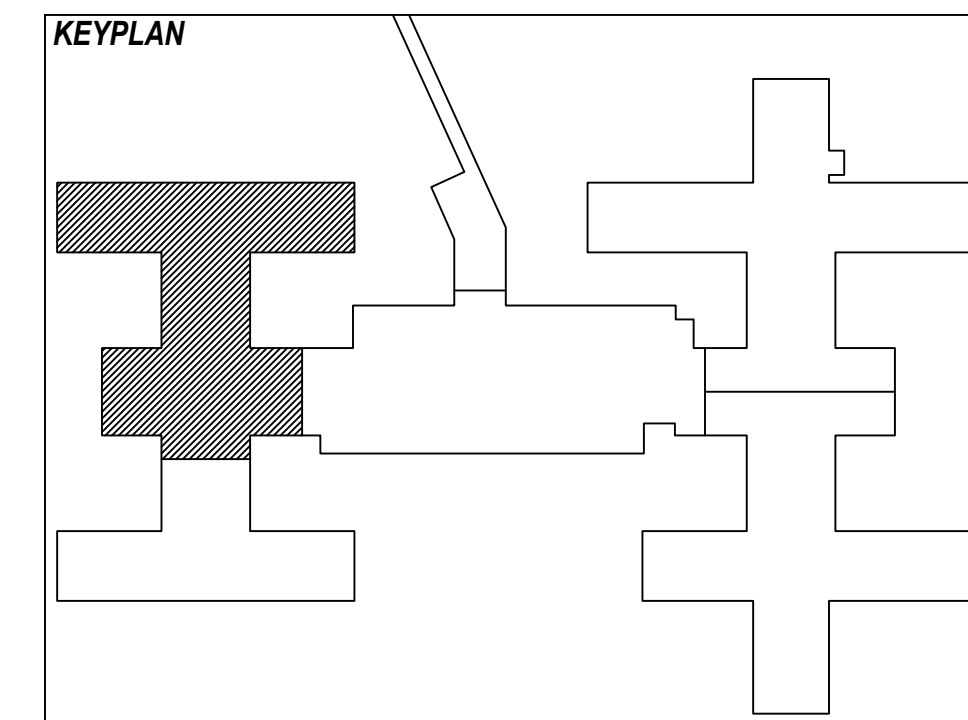
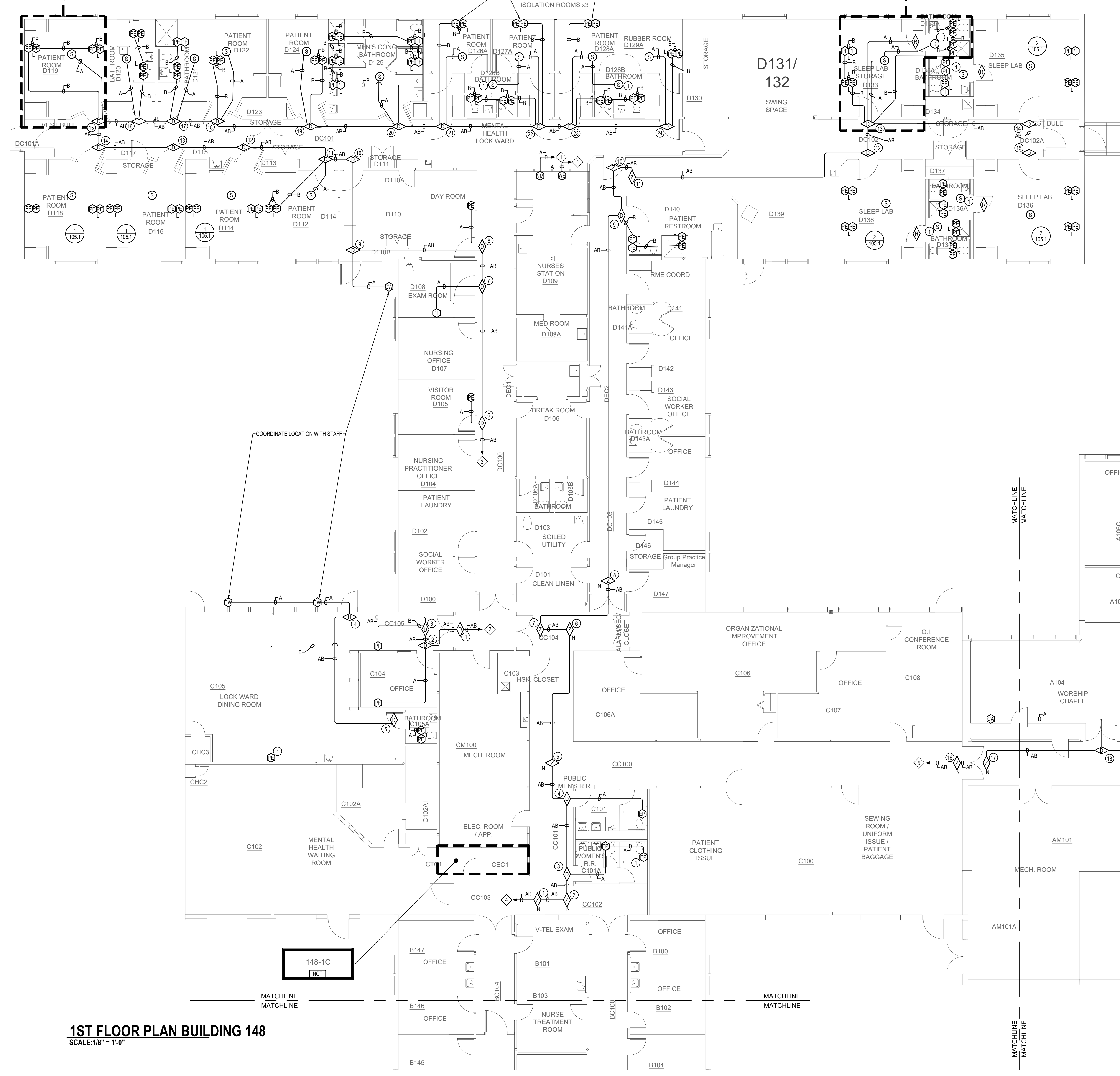
TYPICAL ROOM LAYOUT
 SCALE: 1/8" = 1'-0"



TYPICAL ROOM LAYOUT
 SCALE: 1/8" = 1'-0"



1ST FLOOR PLAN BUILDING 148
 SCALE: 1/8" = 1'-0"



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