AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE 1	OF PAGES 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0001	07/31/2026	7593597	

6. ISSUED BY	Code N40085	7. ADMINISTERED BY (If other than item 6.)	Code
CG MCAS Cherry Point FACILITIES, ROICC B-87, 748 Roosevelt Blvd. PSC BOX 8006 CHERRY POINT, NC 28533			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		
AMENDMENT MUST BE ACKNOWLEDGED WITH YOUR PROPOSAL	☒	9A. AMENDMENT OF SOLICITATION Refurbish Barrack Facilities, Buildings 4168 and 4169
		9B. DATED (SEE ITEM 11)
	☐	10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 13)
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ **is extended** ☒ **is not extended**. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14. ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATION CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER: (specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not ☐ is required to sign this document and return **original** to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

7593597 Refurbish Barrack Facilities, Buildings 4168 & 4169, Marine Corps Air Station Cherry Point, NC

Amendment 0002 is being issued to answer pre-award RFI's.

The deadline to submit pre-award RFI's REMAINS 03 August 2026 at 12:00 PM.

The proposal due date of 14 August 2026 at 12:00 PM local time REMAINS unchanged.

See Attached.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Same as Item 8) (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED

Continuation sheet:

DOCUMENT 00 01 15
1.2 CONTRACT DRAWINGS
Add the following to the list of drawings:

NAVFAC DWG NO.	TITLE
12665609	ATTIC PLAN LIGHTING
12665608	CHASE PLAN LIGHTING
12665607	CORE PLANS LIGHTING
12665605	SLEEPINGROOM PLANS ELECTRICAL
12665603	BUILDING KEY PLANS UNIT TYPES
12665602	ELECTRICAL LEGEND & SCHEDUALES
12665522	ENLARGED CEILING PLANS SLEEPING ROOMS
12665521	ENLARGED CEILING PLANS CENTRAL CORE
12665519	ENLARGED FLOOR PLANS SLEEPING ROOMS
12665518	ENLARGED FLOOR PLANS CENTRAL CORE
12665517	ENLARGED FLOOR PLANS CENTRAL CORE
12665516	COMPREHENSIVE FLOOR PLAN
12647653	ATTIC PLAN LIGHTING
12647652	CHASE PLAN LIGHTING
12647651	CORE PLANS LIGHTING
12647649	SLEEPING ROOM PLANS ELECTRICAL
12647647	BUILDING KEP PLANS UNIT TYPE
12647646	ELECTRICAL LEGEND AND SCHEDULES
12647573	ENLARGED CEILING PLANS SLEEP/MECH ROOMS
12647572	ENLARGED CEILING PLANS CENTRAL CORE
12647571	ENLARGED CEILING PLANS SLEEP/MECH ROOMS
12647570	ENLARGED PLANS SLEEPING ROOMS
12647569	ENLARGED FLOOR PLANS CENTRAL CORE
12647568	ENLARGED FLOOR PLANS CENTRAL CORE
12647567	COMPREHENSIVE FLOOR PLAN

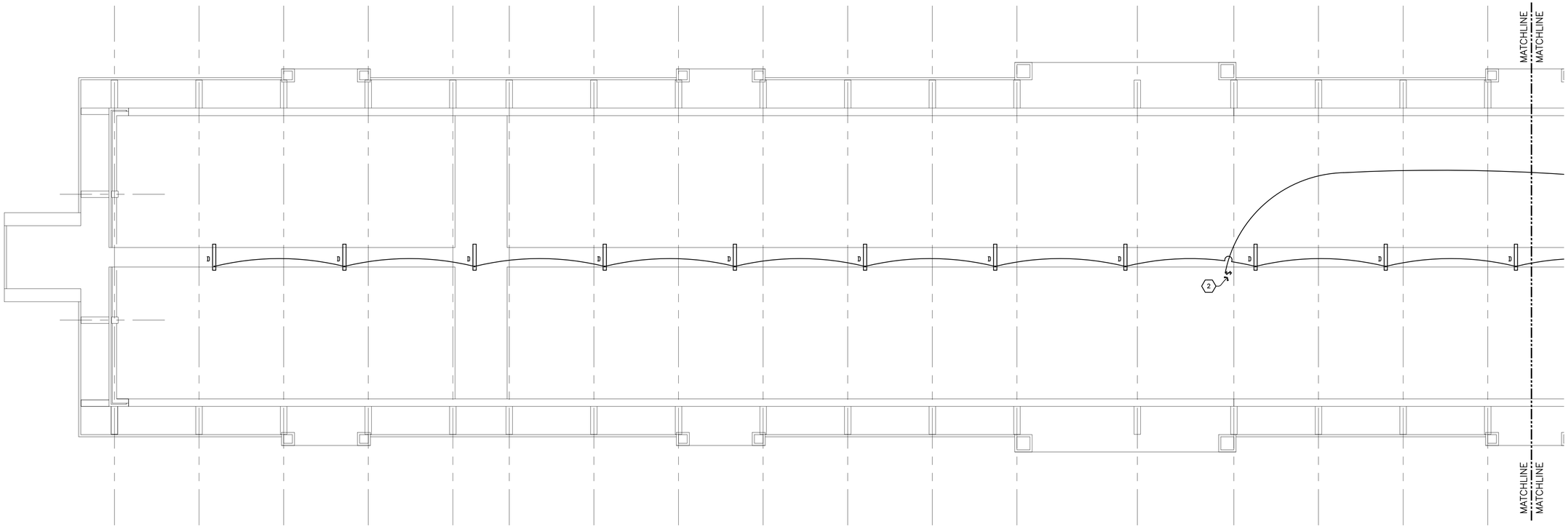
These drawings accompany this Amendment.

DISTRIBUTION: DoW COMMUNITY ONLY

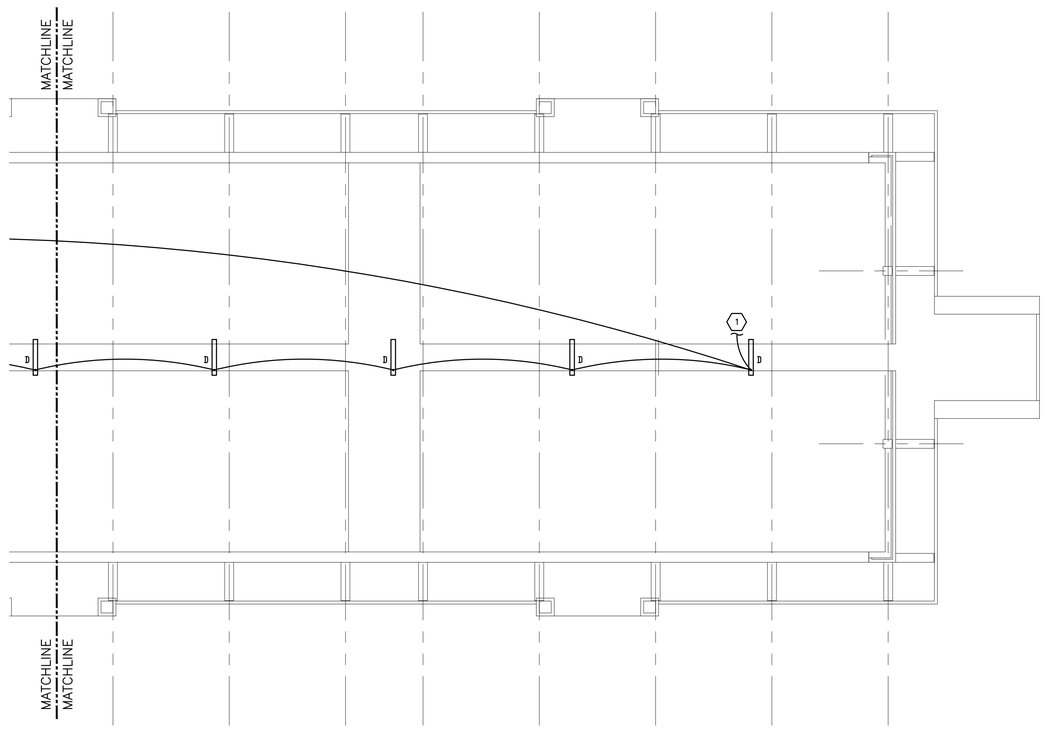
PPI #	DATE SUBMITTED	REFERENCE			QUESTION	GOVERNMENT RESPONSE	POSTED ON AMENDMENT #
		PAGE	SECTION	PARAGRAPH			
1	7/14/2026	1	RFP		Please provide the governments estimated cost range for the project. This information is requested to determine whether a bid bond will be required. Because requesting a bid bond on the day of bid submissions creates uneccessary risk and may not allow sufficient time for our surety to issue the bond, advance notice of the estimated cost range will help ensure compliance with the Bond Requirements, which require the bid bond to be submitted alongside the proposal.	FAR 36.204 Disclosure of the magnitude of construction projects has been removed by the Revolutionary FAR Overhaul (DARS 2026-O0019). As a result, the Government will no longer be providing magnitudes on construction projects; please bid accordingly and submit bid bonds accordingly.	0001
2	7/15/2026				Work order states **one** person can serve as Quality Control, Superintendent, and Site Safety Health Oversite. RFP states **two** person, one for superintendent / Quality Control and one for Site Safety Health Oversite. Which is correct?	One person per building, as stated in the Work order both building can be worked on at the same time but only one floor at a time, if the CTR is only working on one building then only one person is required.	0001
3	7/22/2026				Please provide any relevant asbuilts for the two buildings.	AS-BUILTS will be attached.	0002
4	7/22/2026				Please provide a breakout of the total amount of light fixtures for each fixture type.	All numbers are approximate CTR can verify during site visit and use as-builts to make determination.	0002
5	7/22/2026				Are the existing fixtures to be considered hazardous materials?	The contractor is responsible for the lawful disposal of all removed components, adhering to all local, state, and federal environmental regulations, particularly for components containing hazardous materials (e.g., fluorescent lamps, ballasts)	0002
6	7/22/2026				Will HVAC remain operational in the buildings during construction?	HVAC should remain operational.	0002
7	7/22/2026				Please clarify the anticipated extent of patching and repairs to the walls.	Fill any holes with lightweight spackle. Scrape & Sand: Scrape off any loose paint. Sand all patches and rough spots flush. Spot-Prime: Paint a quick coat of primer over the patched spots so they don't look dull after final painting.	0002
8	7/22/2026				Please confirm if door frames were included in the 14,112 SF (B4168) and 17,136 SF (B4169) lines for painting. Please also confirm if both sides of the door were included.	Interior Doors only both sides to include frame.	0002
9	7/22/2026				Please clarify if there has been any asbestos or lead surveying done to the buildings. If so, please provide the results. If not, please clarify how suspect material encountered will be handled (unit price, change).	No lead is present, If suspected asbestos is encountered notify the COR immediately and the government will make arrangements from there.	0002

PPI #	DATE SUBMITTED	PAGE	SECTION	PARAGRAPH	QUESTION	GOVERNMENT RESPONSE	POSTED ON AMENDMENT #
10	7/22/2026				Will any mold remediation need to be completed in any rooms?	No	0002
11	7/22/2026				Will the exposed conduit require painting?	No	0002
12	7/22/2026				Will any conduit need to be replaced?	No	0002
13	7/24/2026				The lighting scope requires replacement of all existing indoor fixtures and identifies approximately 260 fixtures in Building 4168 and approximately 320 fixtures in Building 4169. During the Government-scheduled site visit of occupied sleeping quarters, Offerors were not provided access to all rooms and areas and were therefore unable to independently verify the fixture quantities. Please confirm whether the approximate quantities stated in the SOW are the Government's estimated quantities for proposal purposes. Please also confirm how any material variance between the stated quantities and actual quantities in areas unavailable for pre-proposal inspection will be addressed. If Offerors are expected to assume responsibility for all quantity variance, please provide complete access to both buildings or provide a Government-verified room-by-room fixture inventory so that all Offerors may prepare proposals on a common basis.	The Government can set an appointed time and date for the CTR to perform a site visit of both building's also there will be an attachement with the most up to date as builts attached.	0002
14	7/24/2026	7	SOW		SOW - Please clarify or correct the page 7 reference to Buildings 4295 and 4296 and clarify whether the page 1 painting reference to Buildings 4166 and 4167 is erroneous.	Correct page 7 as Bldg 4295 and 4296 were removed from the project.	0002
15	7/24/2026		SOW	1.11	SOW, section 1.11 Government Safety Requirements states that "An APP in accordance with EM 385-1-1, Appendix A, is required" And "An AHA in accordance with EM 385-1-1, Section 1, is required for each activity or task." These requirements are refencing the EM 385-1-1, 2014 edition. Please clarify and/or confirm that the Contractor is to adhere to this edition of the Governments safety manual under this contract.	Updated SOW EM 385-1-1, ENG Form 6293	0002
16	7/24/2026		SOW	1.11	SOW, section 1.11 Government Safety Requirements states "The contractor is responsible for any required permits." Please provide a list of applicable Federal, State, or Local permits that the Contractor will be required to obtain to adhere to these contract requirements.	No permits are required.	0002
17	7/24/2026		RFP		The RFP states that only one floor in each barracks may be under construction at a time while the BEQs remain occupied. Because the Contractor's sequence and productivity depend upon timely access to each successive floor, please identify the maximum Government turnover period between floors.	5 working days between each floor will be required for turnover.	0002

PPI #	DATE SUBMITTED	PAGE	SECTION	PARAGRAPH	QUESTION	GOVERNMENT RESPONSE	POSTED ON AMENDMENT #
18	7/24/2026				For Building 4169, the listed items total 38,023 square feet, but the table states 33,473 square feet. The stated total omits the 4,206-square-foot Head and 344-square-foot Hallway. Are the Heads and Hallways included in the flooring replacement scope? Please clarify or correct.	Correct total sq ft to include head and hallways to total 38,023 sq ft.	0002
19	7/24/2026				Painting Finish Schedule, Note states to see IMG-1 and IMG-2. Please provide the missing IMG-1 "Accent wall in Barracks Rooms".	Corrected as that part of the project was removed.	0002



1 E-107 ATTIC CONSTRUCTION : LIGHTING
SCALE: 1/8"=1'-0"



AS-BUILT

RECORD DRAWING
LETTER DATED
2016.12.15

NOTES

1. INDIVIDUAL BRANCH CIRCUITS ARE SHOWN WITH A DEDICATED NEUTRAL UNLESS INDICATED OTHERWISE. WHEN MULTIWIRE BRANCH CIRCUITS ARE TO BE INSTALLED, PROVIDE MULTIPOLE CIRCUIT BREAKERS PER NEC 210.4(B).
2. SEE VOLTAGE DROP SCHEDULE ON DETAILS SHEET FOR WIRE SIZING INFORMATION FOR ALL BRANCH CIRCUITS OVER 65' IN LENGTH.
3. ALL RECEPTACLES WITHIN 6 FEET FROM THE OUTSIDE EDGE OF ANY SINK SHALL BE GFI PER NEC 210.8(B)(5).
4. CONTRACTOR SHALL INCLUDE DEMOLISHING ALL EXISTING ATTIC LIGHTS IN LOCATION SHOWN FOR NEW LIGHTS AND REPLACING WITH NEW LIGHTS AS SHOWN.

PLAN NOTES:

1. CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.
2. COORDINATE SWITCH LOCATION WITH ATTIC ACCESS PANEL.

WALL TYPES AND RATINGS LEGEND

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 5' 10' 20'
SCALE 1/8"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:

GRENSHAW CONSULTING
NC LICENSE #C-1080
2109 North Boulevard, Suite 101
Raleigh, North Carolina 27608
919-871-0575 Fax 919-8888

SEAL

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ACTIVITY – SATISFACTORY TO

DATE

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FOR EFD FOR COMMANDER NAVFAC

DATE

A/E		EFD
MGF	DESIGN	
CDA	DRAWN	
MGF	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

ATTIC PLAN - LIGHTING

STA. PROJ. NO. CP1304M

SPEC. NO.

CONSTR. CONTR. NO.

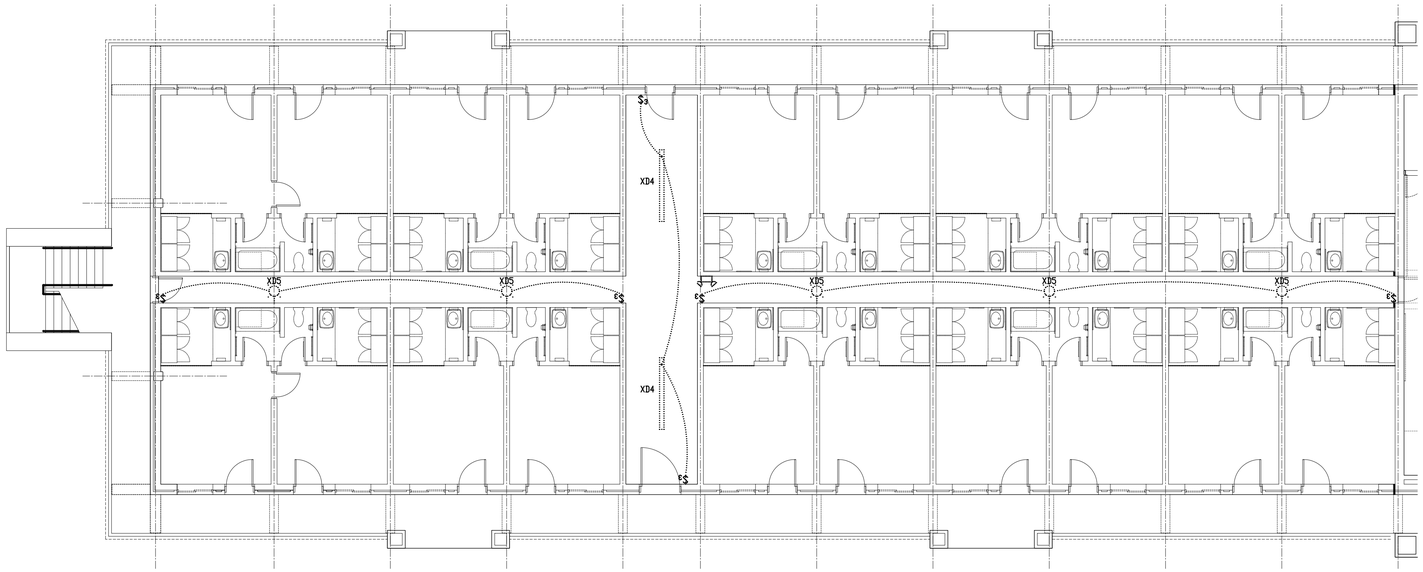
NAVFAC DRAWING NO.
12665609

SHEET 105 OF 108

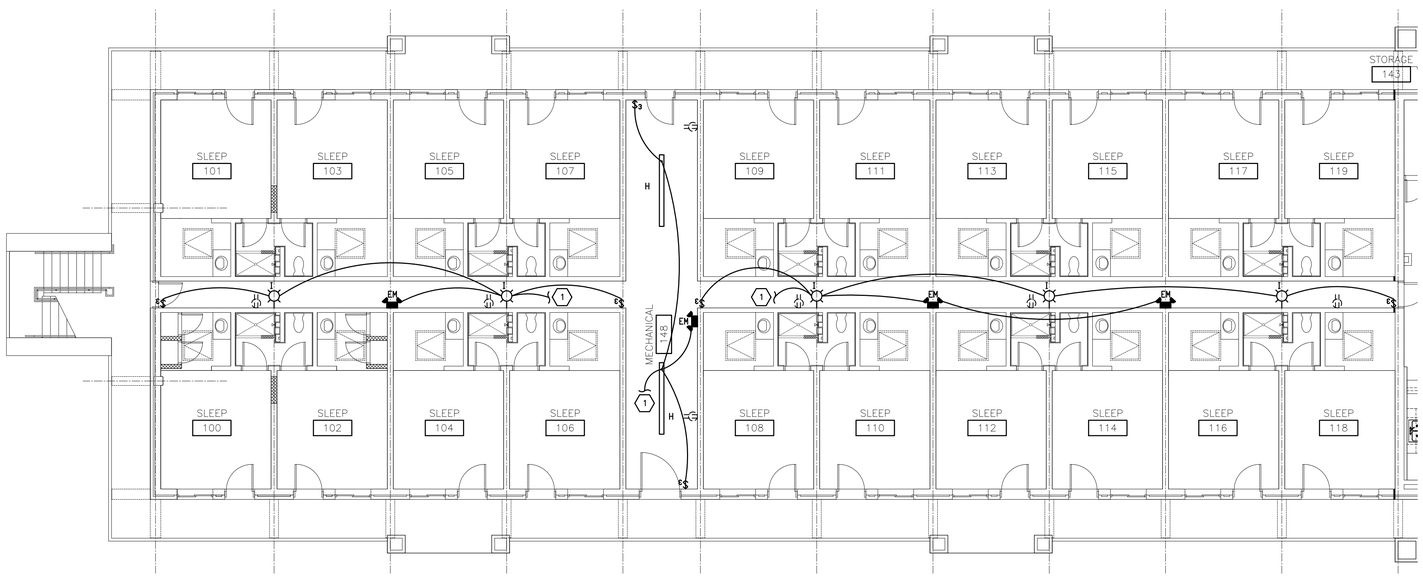
E-107

AS-BUILT

RECORD DRAWING
LETTER DATED
2016.12.15



1 / E-106 TYPICAL MECHANICAL ROOM DEMOLITION : ELECTRICAL
SCALE: 1/8"=1'-0"



2 / E-106 TYPICAL MECHANICAL ROOM : ELECTRICAL
SCALE: 1/8"=1'-0"

NOTES

1. THE TYPICAL MECHANICAL ROOM ELECTRICAL AND LIGHTING DEMOLITION PLANS ARE REPRESENTATIVE OF ALL BUILDING MECHANICAL ROOMS (2 PER FLOOR FOR 3 FLOORS FOR A TOTAL OF 6). SEE BUILDING KEY PLAN.

PLAN NOTES:

(1) CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.

WALL TYPES AND RATINGS LEGEND

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 5' 10' 20'
SCALE 1/8"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:

GRENSHAW CONSULTING
NC LICENSE #C-1355
1109 South Bragg Street, Suite 203
Raleigh, North Carolina 27610
919-917-0570 Fax 919-9[illegible]

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ACTIVITY – SATISFACTORY TO

DATE

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FOR EFD FOR COMMANDER NAVFAC

DATE

A/E		EFD
MGF	DESIGN	
CDA	DRAWN	
MGF	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	
	PROJECT MANAGER	
	FIRE PROTECTION	
	BRANCH MANAGER	
	DESIGN DIRECTOR	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

CHASE PLANS - LIGHTING

STA. PROJ. NO. CP1304M

SPEC. NO.

CONSTR. CONTR. NO.

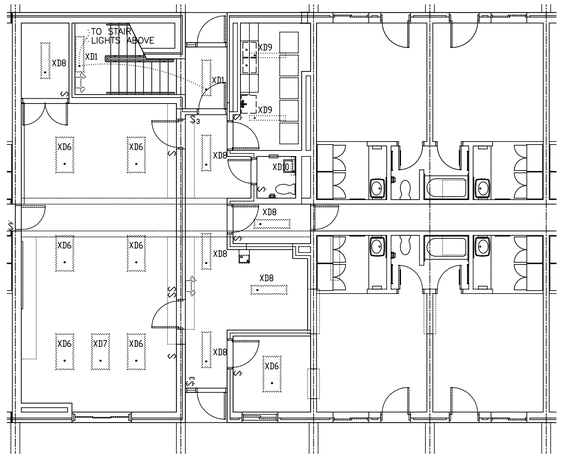
NAVFAC DRAWING NO.
12665608

SHEET 104 OF 108

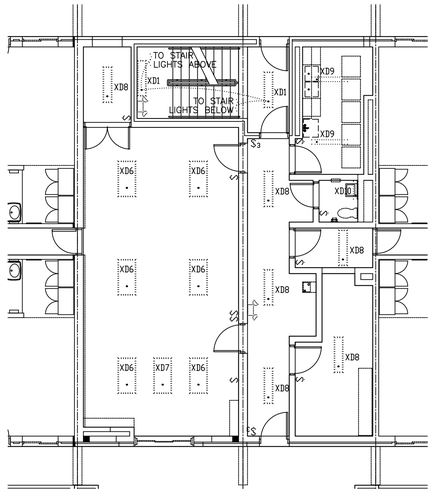
E-106

RECORD DRAWING
LETTER DATED
2016.12.15

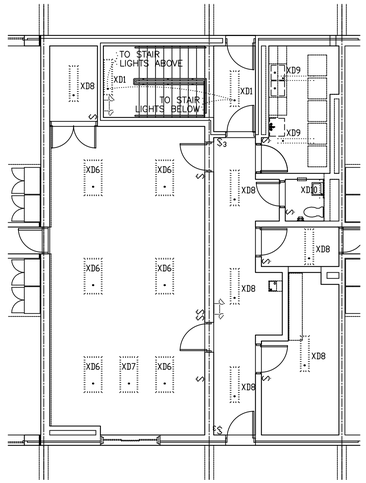
AS-BUILT CONDITIONS SHOWN



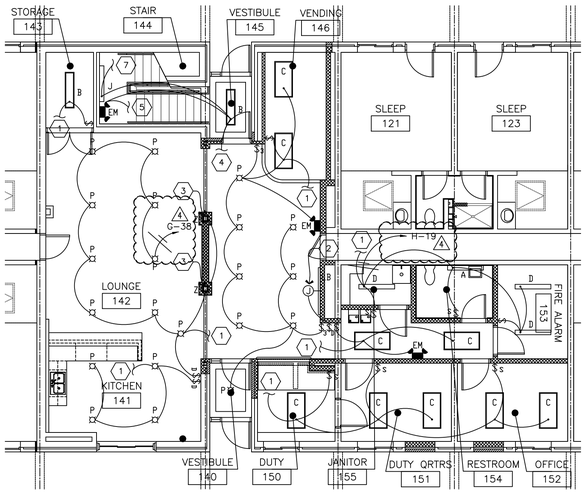
1 E-105 CENTRAL CORE DEMOLITION : 1ST FLOOR LIGHTING
SCALE: 1/8"=1'-0"



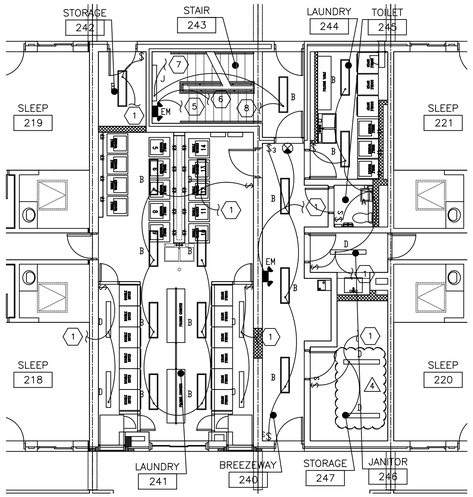
2 E-105 CENTRAL CORE DEMOLITION : 2ND FLOOR LIGHTING
SCALE: 1/8"=1'-0"



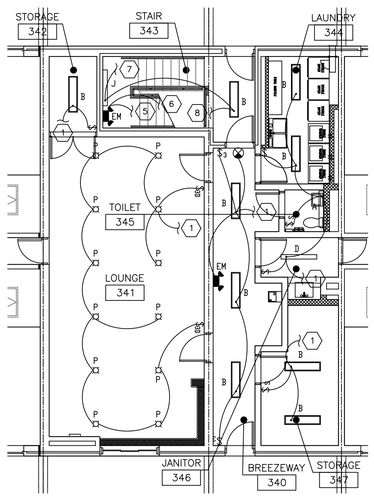
3 E-105 CENTRAL CORE DEMOLITION: 3RD FLOOR LIGHTING
SCALE: 1/8"=1'-0"



4 E-105 CENTRAL CORE CONSTRUCTION: 1ST FLOOR LIGHTING
SCALE: 1/8"=1'-0"



5 E-105 CENTRAL CORE CONSTRUCTION: 2ND FLOOR LIGHTING
SCALE: 1/8"=1'-0"



6 E-105 CENTRAL CORE CONSTRUCTION: 3RD FLOOR LIGHTING
SCALE: 1/8"=1'-0"

NOTES

1. INDIVIDUAL BRANCH CIRCUITS ARE SHOWN WITH A DEDICATED NEUTRAL UNLESS INDICATED OTHERWISE. WHEN MULTIWIRE BRANCH CIRCUITS ARE TO BE INSTALLED, PROVIDE MULTIPOLE CIRCUIT BREAKERS PER NEC 210.4(B).
2. SEE VOLTAGE DROP SCHEDULE ON DETAILS SHEET FOR WIRE SIZING INFORMATION FOR ALL BRANCH CIRCUITS OVER 65' IN LENGTH.
3. ALL RECEPTACLES WITHIN 6 FEET FROM THE OUTSIDE EDGE OF ANY SINK SHALL BE GFI PER NEC 210.8(B)(5).
4. THE CONTRACTOR SHALL INCLUDE DEMOLISHING LIGHTS IN THE INDICATED CORE AREAS OF WORK AS REQUIRED FOR THE CEILING REWORK. NEW LIGHTS TO BE PROVIDED AS INDICATED.

PLAN NOTES:

1. CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.
2. J.B. IN WALL FOR NEW LIGHT BOX FEATURE. PROVIDE 3FORM LIGHT BOX, MODEL # TO BE DETERMINED.
3. LED LIGHT AT TOP OF COLUMN. COORDINATE WITH INTERIOR DESIGNER.
4. CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT BREAKER FEEDING STAIR LIGHTS IS LOCKED. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.
5. TO EMERGENCY WALLPACK ABOVE.
6. TO EMERGENCY WALLPACK BELOW.
7. TO STAIR LIGHTS ABOVE.
8. TO STAIR LIGHTS BELOW.

WALL TYPES AND RATINGS LEGEND

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 5' 10' 20'
SCALE 1/8"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
GRENSHAW CONSULTING
NC LICENSE #C-1392
2109 North Street, Suite 203
Raleigh, North Carolina 27608
919-571-9370 Fax 571-9369

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FOR EFD FOR COMMANDER NAVFAC

DATE

A/E	EFD	
MGF		DESIGN
CDA		DRAWN
MGF		REVIEW
		QC
		CHIEF ARCH./ ENGR.

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

CORE PLANS - LIGHTING

STA. PROJ. NO. CP1304M

SPEC. NO.

CONSTR. CONTR. NO.

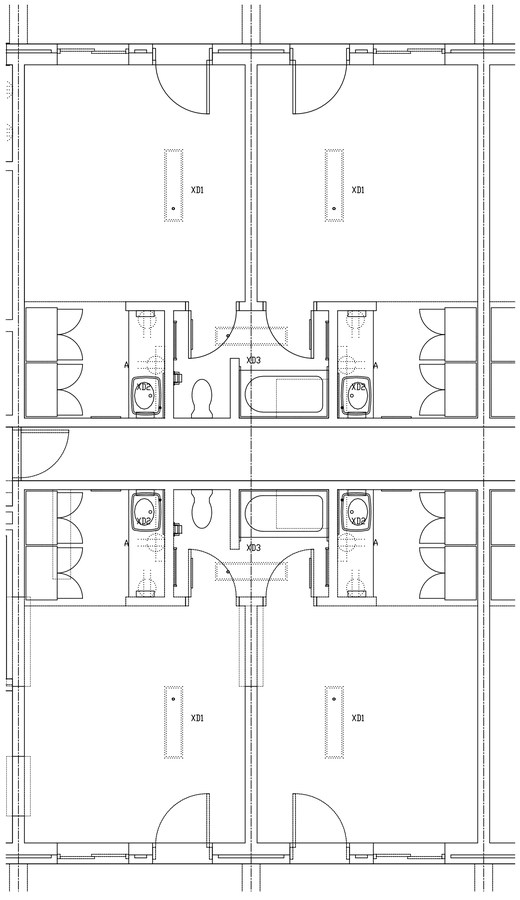
NAVFAC DRAWING NO.
12665607

SHEET 103 OF 108

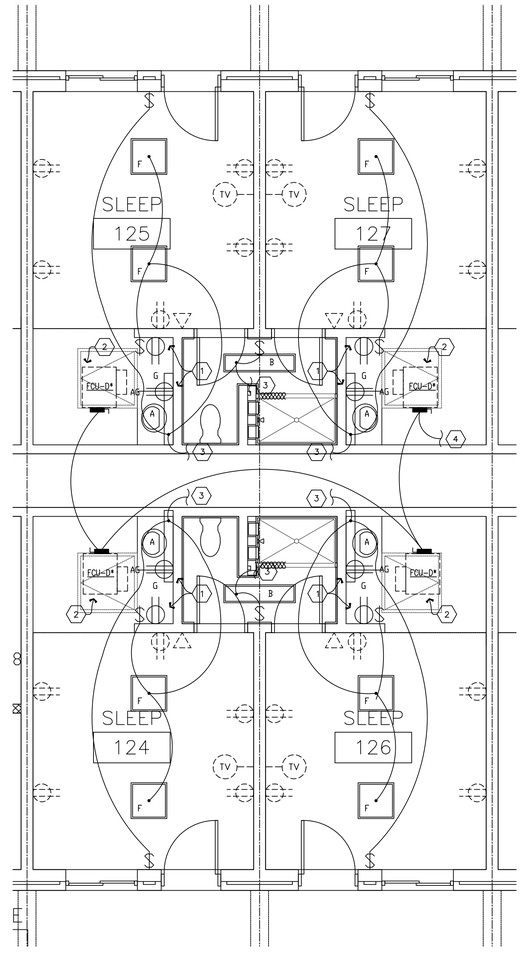
E-105

RECORD DRAWING
LETTER DATED
2016.12.15

AS-BUILT CONDITIONS SHOWN



1 E-103 TYPICAL SLEEPING ROOM DEMOLITION: ELECTRICAL
SCALE: 1/4"=1'-0"



2 E-103 TYPICAL SLEEPING ROOM CONSTRUCTION: ELECTRICAL
SCALE: 1/4"=1'-0"

NOTES

1. INDIVIDUAL BRANCH CIRCUITS ARE SHOWN WITH A DEDICATED NEUTRAL UNLESS INDICATED OTHERWISE. WHEN MULTIWIRE BRANCH CIRCUITS ARE TO BE INSTALLED, PROVIDE MULTIPOLE CIRCUIT BREAKERS PER NEC 210.4(B).
2. SEE VOLTAGE DROP SCHEDULE ON DETAILS SHEET FOR WIRE SIZING INFORMATION FOR ALL BRANCH CIRCUITS OVER 65' IN LENGTH.
3. ALL RECEPTACLES WITHIN 6 FEET FROM THE OUTSIDE EDGE OF ANY SINK SHALL BE GFI PER NEC 210.8(B)(5).
4. IT IS NOTED THAT ALL SLEEPING ROOMS ARE IDENTICAL UNLESS OTHERWISE NOTED, BUT IN SOME CASES ARE REVERSED.
5. ALL EXISTING RECEPTACLES AND SWITCHES IN SLEEPING ROOMS AND PUBLIC AREAS SHALL BE REPLACED WITH NEW RECEPTACLES AND NEW COVER PLATES. RECONNECT TO EXISTING CIRCUIT CURRENTLY SERVING DEVICE.
6. NOTES 7 and 8 ARE FOR ROOMS 216, 236, 238, 308, 310, 312, 332, 334, 336, AND 338.
7. SLEEPING ROOMS – THE DATA CONDUIT IN THESE ROOMS WAS CUT INTO THE SLAB DURING CONSTRUCTION. WIRE MOLD WAS INSTALLED ON THE WALLS, AND CONDUIT WAS RUN TO THE CHASE SO NEW CABLE COULD BE INSTALLED.
8. THE LIGHT IN THE SLEEPING ROOM BATH WAS REPLACED WITH A 1' X 4' RECESSED LIGHT DUE TO THE CEILING HEIGHT. TYPICAL IN ALL SLEEPING ROOM BATH ROOMS.

△4

PLAN NOTES:

1. REMOVE EXISTING RECEPTACLES AND PROVIDE NEW GFI RECEPTACLES AND RECONNECT TO EXISTING CIRCUIT.
2. CONNECT FAN COIL UNIT. COORDINATE WITH MECHANICAL.
3. CONNECT TO EXISTING CIRCUIT CURRENTLY FEEDING LIGHTS IN THIS LOCATION.
4. REFER TO ELECTRICAL PANEL SCHEDULES FOR CORRESPONDING CIRCUIT NUMBERS FOR EACH SET OF SLEEP ROOMS.

WALL TYPES AND RATINGS LEGEND

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 1' 2' 3' 4' 5' 10'
SCALE 1/4" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
GRENSHAW CONSULTING
NC LICENSE #C-1398
3108 Smoketree Court, Suite 200
Raleigh, North Carolina 27604
919-872-8570 Fax 872-8699

SEAL

APPROVED

ACTIVITY – SATISFACTORY TO

DATE

APPROVED

FOR EFD FOR COMMANDER NAVFAC

DATE

A/E	EFD
MGF	DESIGN
CDA	DRAWN
MGF	REVIEW
	QC
	CHIEF ARCH./ ENGR.
	PROJECT MANAGER
	FIRE PROTECTION
	BRANCH MANAGER
	DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

SLEEPING ROOM PLANS - ELECTRICAL

STA. PROJ. NO. CP1304M

SPEC. NO.

CONSTR. CONTR. NO.

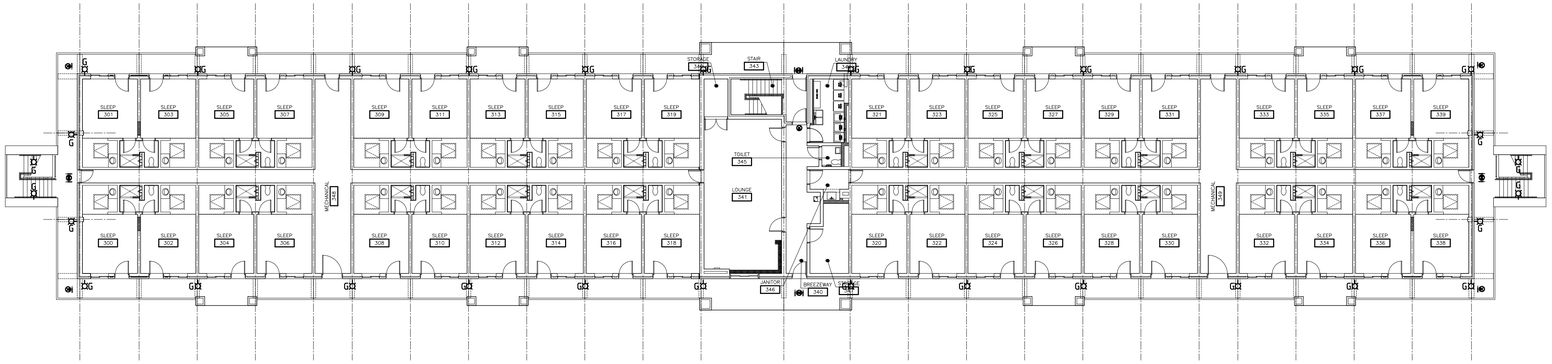
NAVFAC DRAWING NO.
12665605

SHEET 101 OF 108

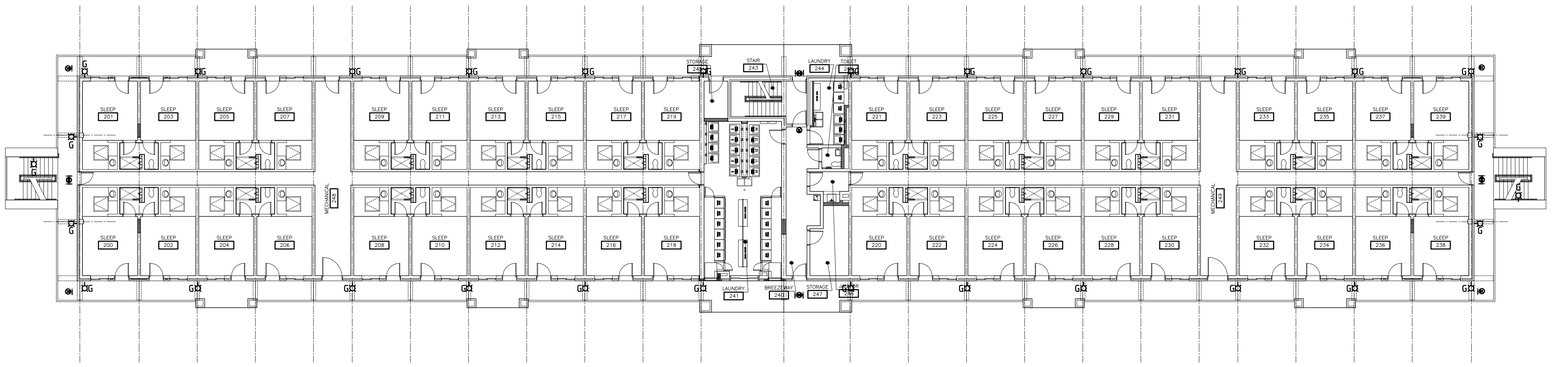
E-103

AS-BUILT

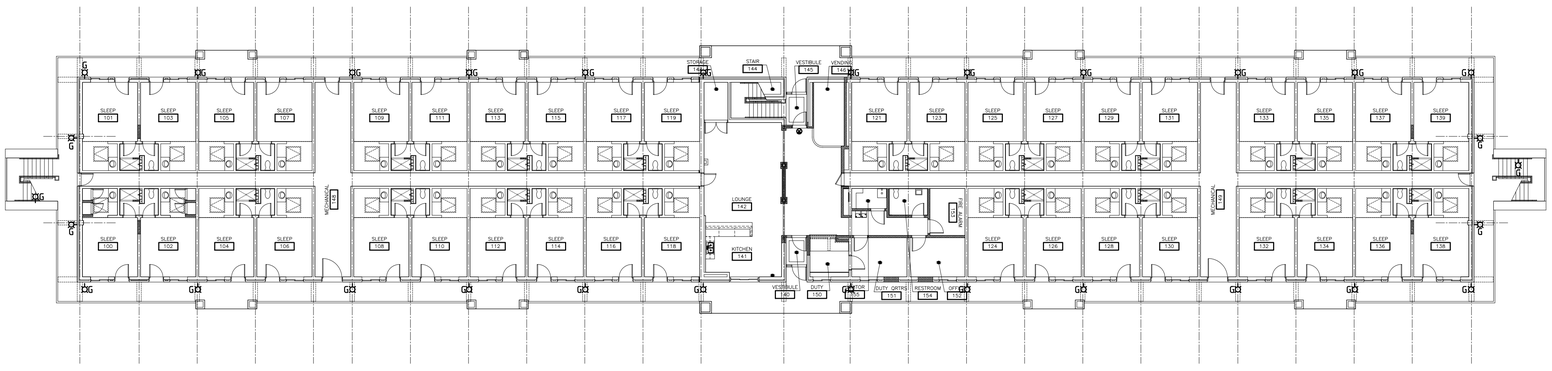
RECORD DRAWING
LETTER DATED
2016.12.15



3 E-101/E-101 THIRD FLOOR CONSTRUCTION: BUILDING KEY PLAN
SCALE: 1/16"=1'-0"



2 E-101/E-101 SECOND FLOOR CONSTRUCTION: BUILDING KEY PLAN
SCALE: 1/16"=1'-0"



1 E-101/E-101 FIRST FLOOR CONSTRUCTION: BUILDING KEY PLAN
SCALE: 1/16"=1'-0"

NOTES

1. ALL EXTERIOR WALL LIGHT FIXTURES ARE TO BE TYPE 'G' AND ARE TO REPLACE THE EXISTING LIGHT FIXTURES, WHICH ARE TO BE REMOVED BY THE CONTRACTOR. NEW FIXTURES ARE LESS WATTAGE THAN EXISTING FIXTURES. PROVIDE NEW FIXTURES AND CONNECT TO EXISTING CIRCUIT CURRENTLY FEEDING EXISTING FIXTURES.
2. ALL EXTERIOR EXIT SIGNS (FIXTURES) ARE NEW, AND ARE TO REPLACE THE EXISTING EXIT SIGNS (FIXTURES), WHICH ARE TO BE REMOVED BY THE CONTRACTOR. PROVIDE NEW EXIT SIGNS AND CONNECT TO EXISTING CIRCUIT CURRENTLY FEEDING EXISTING FIXTURES.

WALL TYPES AND RATINGS LEGEND

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 5' 10' 20' 30'
SCALE 1/16"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
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ACTIVITY – SATISFACTORY TO

DATE

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FOR EFD FOR COMMANDER NAVFAC

DATE

A/E		EFD
MGF	DESIGN	
CDA	DRAWN	
MGF	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

BUILDING KEY PLANS - UNIT TYPES

STA. PROJ. NO. CP1304M

SPEC. NO.

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12665603

SHEET 99 OF 108

E-101

REMOVE ALL EXISTING OUTLET AND SWITCH DEVICES AND COVER PLATES AND PROVIDE NEW GRAY DEVICES WITH STAINLESS STEEL COVER PLATES. ALL NEW DEVICES SHALL BE GRAY WITH STAINLESS STEEL COVER PLATES. DEVICES SHOWN EXISTING TO REMAIN ARE TO INDICATE AN EXISTING UNCHANGING LOCATION, BUT THE DEVICES AND COVER PLATES ARE TO BE REMOVED AND NEW PROVIDED THROUGHOUT AS NOTED.

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.12.15

ELECTRICAL LEGEND

PLANS

SYMBOLS SHOWN BELOW ARE TO INDICATE NEW DEVICES OR NEW LOCATIONS OF EXISTING DEVICES. SEE LINETYPE LEGEND FOR DISTINCTION OF EXISTING DEVICES TO REMAIN AND DEMOLITION DEVICES.

HOME RUN TO PANEL
BRANCH CIRCUIT — MINIMUM SIZE PER CKT BKR

SINGLE POLE WALL SWITCH
3-WAY WALL SWITCH
4-WAY WALL SWITCH
} 44" A.F.F. OR AS NOTED

SEE MOTION SENSOR LEGEND FOR THIS AND OTHER SWITCH TYPES.

ALL DUPLEX AND QUAD RECEPTACLES SHALL BE NEMA 5-20R UNLESS NOTED OTHERWISE.

DUPLEX RECEPTACLE
ISOLATED GROUND DUPLEX
POWER RECEPTACLE
QUAD RECEPTACLE
} 16" A.F.F. OR AS NOTED

TELECOMMUNICATIONS WALL OUTLET – 16" A.F.F. OR AS NOTED (RUN 1" EMT TO ACCESSIBLE PATHWAY OR CABLE TRAY) PROVIDE PULL WIRE, OUTLETS, BUSHINGS, AND CABLES. SEE COMMUNICATIONS OUTLET DETAIL FOR MORE INFORMATION.

TV — TELEVISION WALL OUTLET – 16" A.F.F. RUN RG6 IN 3/4" EMT TO TELEPHONE BACKBOARD OR AS INDICATED ON PLANS.

J — JUNCTION BOX

TELEPHONE BACKBOARD – 4'x8'x3/4" FIRE-TREATED PLYWOOD. PAINT GRAY – PULL #6 GROUND WIRE AND TERMINATE WITH 1/4"x2"x12" GROUND BAR WITH HOLES EVERY 1". MOUNT TO BACKBOARD WITH STAND-OFF INSULATORS.

DISCONNECT SWITCH – FUSIBLE

MOTOR SWITCH

SLIDE TYPE DIMMER SWITCH APPROPRIATE FOR LOAD SERVED – 44" AFF

ELECTRICAL TRANSFORMER

ELECTRICAL PANEL

OVERHEAD FIXTURE OR AS NOTED. SEE FIXTURE SCHEDULE

DOWNLIGHT / PENDANT STYLE. SEE FIXTURE SCHEDULE.

WALL MOUNT. SEE FIXTURE SCHEDULE.

FLOOD / TRACK HEAD STYLE. SEE FIXTURE SCHEDULE.

POLE FIXTURE. SEE FIXTURE SCHEDULE.

EXIT SIGN, FACES AND ARROWS AS INDICATED. SEE FIXTURE SCHEDULE.

EMERGENCY FIXTURE. SEE FIXTURE SCHEDULE.

COMBO EMERGENCY / EXIT FIXTURE. SEE FIXTURE SCHEDULE.

SLASHES OR HALF SHADING INDICATE FIXTURES CONNECTED AHEAD OF ALL SWITCHING TO OPERATE AS NIGHT LIGHTS (FIXTURES WILL BE ON 24/7)

DETAILS

A — ELECTRICAL PANEL OR AS NOTED

C.T. — C.T. CABINET

M — METER BASE AND METER

200/3 — FRAME SIZE
200A — FUSE SIZE
FUSIBLE DISCONNECT, FRAME AND FUSE SIZE AS INDICATED.

T — DESIGNATION
112.5 — KVA RATING
TRANSFORMER, SIZE AND DESIGNATION AS NOTED. PRIMARY VOLTAGE AS NOTED FOR PRIMARY FEED. SECONDARY VOLTAGE AS NOTED FOR LOAD SUPPLIED.

20X4 — CONTACTOR, AMPACITY / POLES AS INDICATED

T.C. — TIMECLOCK

SPD — SURGE PROTECTIVE DEVICE

SERVICE GROUND

LINETYPES

NEW DEVICE OR RELOCATED EXISTING DEVICE.
EXISTING DEVICE TO REMAIN.
EXISTING DEVICE TO BE DEMOLISHED OR RELOCATED.
NEW UNDERGROUND OR UNDERSLAB CONNECTION. EXISTING AND DEMO UNDERGROUND IS NOTED WITH EXISTING OR DEMO LINETYPE. NEW CONNECTIONS NOT SPECIFICALLY SHOWN WITH UNDERGROUND LINETYPE ARE NOT NECESSARILY REQUIRED TO BE RUN OVERHEAD UNLESS NOTED AS SUCH.
LOW VOLTAGE WIRING

SEE WALL RATING LEGEND FOR WALL TYPES AND SYMBOLS.

EXAMPLES OF EXISTING AND DEMO SYMBOLS USING LINETYPES ABOVE

EXISTING DUPLEX RECEPTACLE TO REMAIN.
EXISTING PANEL TO REMAIN.
EXISTING SWITCH TO REMAIN.
EXISTING DUPLEX RECEPTACLE TO BE DEMOLISHED OR RELOCATED.
EXISTING PANEL TO BE DEMOLISHED OR RELOCATED.
XM — EXISTING FLUORESCENT FIXTURE TO BE DEMOLISHED OR RELOCATED.
EXISTING SWITCH TO BE DEMOLISHED OR RELOCATED.

ELECTRICAL ABBREVIATIONS

A	INDICATES A DEVICE IS TO BE MOUNTED WITH BOTTOM OF BOX 1 1/2" ABOVE BACKSPLASH UNLESS NOTED OTHERWISE.
AFF	ABOVE FINISHED FLOOR
AG	COMBINATION OF 'A' AND 'G'
ARCH	ARCHITECT
C	INDICATES A DEVICE IS TO BE FLUSH MOUNTED IN CEILING TILE.
EC	ELECTRICAL CONTRACTOR
EX.	EXISTING
EXT.	EXTERIOR
FA	FIRE ALARM
FAH	FAHRENHEIT
FURN	FURNITURE
G	INDICATES A DEVICE WITH INTEGRAL GROUND FAULT INTERRUPTER (GFI) PROTECTION.
GFI	SAME AS 'G'
IG	DEVICE SHALL HAVE ISOLATED GROUND AND WILL REQUIRE ISOLATED GROUND CIRCUITRY.
J.B.	JUNCTION BOX
MC	MC CABLE (WHEN REFERENCING NEC WIRING METHODS OR TYPE.)
MC OR	MECHANICAL CONTRACTOR (WHEN NOT REFERENCING NEC WIRING METHODS TYPE.)
MECH	MECHANICAL CONTRACTOR
NTS	NOT TO SCALE
OC	ON CENTER
PC	PLUMBING CONTRACTOR
PLUMB	PLUMBING CONTRACTOR
PROV	PROVIDED BY
S	INDICATES DEVICE IS TO BE SURFACE MOUNTED.
TP	TAMPER PROOF DEVICE. DEVICE SHALL BE APPROVED FOR USE IN AREA SHOWN (CHILD CARE ETC.)
W/	WITH
WP	INDICATES A DEVICE THAT IS WEATHER-PROOF AND RATED FOR EXTERIOR TEMPERATURES.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

SYMBOL	REMARKS	FURN. BY	KVA	HP	VOLTS	F.L.A.	M.C.A.	DISC. SW. SIZE	DISC. SW. NEMA	DISC. SW. PROV.	CIR. BKR - FUSE SIZE	AWG SIZE	GND. WIRE SIZE	CONDUIT SIZE
FCU-D1	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	30/1	1	ELEC.	20/1-15/1	2-#12	#12	3/4"
FCU-D2	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	30/1	1	ELEC.	20/1-15/1	2-#12	#12	3/4"
FCU-C1	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	30/1	1	ELEC.	20/1-15/1	2-#12	#12	3/4"
FCU-C2	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	30/1	1	ELEC.	20/1-15/1	2-#12	#12	3/4"
FCU-C3	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	30/1	1	ELEC.	20/1-15/1	2-#12	#12	3/4"
FCU-C4	FAN COIL UNIT	MECH.	0.7	–	120/1	–	6.1	30/1	1	ELEC.	20/1-15/1	2-#12	#12	3/4"
DOAS-1	OUTSIDE AIR UNIT	MECH.												
–	SUPPLY FAN		5.4	–	208/3	–	14.9	30/3	1	ELEC.	25/3	4-#10	#10	3/4"
–	EXHAUST FAN		1.8	–	208/3	–	5.0	30/3	1	ELEC.	15/3	4-#12	#12	3/4"
–	ENERGY WHEEL		0.3	–	208/3	–	0.9	30/3	1	ELEC.	15/3	4-#12	#12	3/4"
–	MISC.		0.4	–	120/1	–	3.3	$H	1	ELEC.	15/1	2-#12	#12	3/4"
DOAS-2	OUTSIDE AIR UNIT	MECH.												
–	SUPPLY FAN		8.5	–	208/3	–	23.5	60/3	1	ELEC.	40/3	4-#8	#10	3/4"
–	EXHAUST FAN		3.1	–	208/3	–	8.7	30/3	1	ELEC.	15/3	4-#12	#12	3/4"
–	ENERGY WHEEL		0.3	–	208/3	–	0.9	30/3	1	ELEC.	15/3	4-#12	#12	3/4"
–	MISC.		0.4	–	120/1	–	3.3	$H	1	ELEC.	15/1	2-#12	#12	3/4"
CHP-1	CH. WATER PUMP	MECH.	3.8	3	208/3	10.5	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
CHP-2	CH. WATER PUMP	MECH.	3.8	3	208/3	10.5	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
HWP-1	HOT WATER PUMP	MECH.	2.1	1.5	208/3	5.8	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
HWP-2	HOT WATER PUMP	MECH.	2.1	1.5	208/3	5.8	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
SWCP-1	CH. WATER PUMP	MECH.	6.1	5	208/3	16.9	–	30/3	1	ELEC.	25/3	4-#10	#10	3/4"
SWCP-2	CH. WATER PUMP	MECH.	6.1	5	208/3	16.9	–	30/3	1	ELEC.	25/3	4-#10	#10	3/4"
EF-1	EXHAUST FAN	MECH.	1.1	0.5	208/1	5.4	–	30/2	1	ELEC.	15/2	3-#12	#12	3/4"

BREAKER SIZES FOR ALL EQUIPMENT SIZED AT MOCP WHERE APPLICABLE.
ALL DISCONNECTS FOR EQUIPMENT SHALL BE OF FUSIBLE TYPE AND SHALL BE FUSED AS INDICATED.

LIGHT FIXTURE SCHEDULE

DESIGNATION	MANUFACTURER	DESCRIPTION	VOLTAGE	BALLAST TYPE/ QUANTITY	NUMBER/TYPE LAMPS	TOTAL WATTS
A	TO BE DETERMINED	VANITY LIGHT	120/1	1-ELECTRONIC	2-F28T8841	64
B	LITHONIA #LBN-2-32-MVOLT	BATHROOM LIGHT	120/1	1-ELECTRONIC	2-F28T8841	64
C	LITHONIA #2GT8-3-32-A12-GEB	2X4 FLUOR. PRISMATIC	120/1	1-ELECTRONIC	3-F28T8841	95
D	LITHONIA #C-2-32	4' FLUOR. UTILITY STRIP	120/1	1-ELECTRONIC	2-F28T8841	64
F	LITHONIA #M-2-17-A12125	2X2 FLUOR. SURFACE-MOUNT	120/1	1-ELECTRONIC	2-17W T8	37
G	KENALL #M013BL-PIA-DB-18L50K-LEL	EXTERIOR WALL FIXTURE	120/1	N/A	1-LED MODULE	20
H	LITHONIA #TC-2-32-MVOLT	8' FLUORESCENT STRIP	120/1	1-ELECTRONIC	4-F32T8	112
I	SPECTRUM LIGHTING #WJ1CF-26-EX-FJ2WL-WG2 -CP106-SI	FLUORESCENT WALL SCONCE	120/1	1-ELECTRONIC	1-26W DTT	29
J	LITHONIA #WP-2-32-MVOLT-GEB10IS	4' FLUOR. WALL MOUNTED STRIP	120/1	1-ELECTRONIC	2-F32T8	59
LB	3FORM #VARIA ECORESIN	LIGHT BOX	120/1	N/A	LED	100
P	SPECTRUM LIGHTING #SPC1207CF-226-DA1-8310 -SG-PM-MW	12" FLUOR. CYLINDER FIXTURE (PENDANT MOUNTED W/ BOTTOM OF FIXTURE AT 7'-6")	120/1	1-ELEC. DIMMING (10%)	2-26W DTT	55
Z	BARRON LTG #RFX-WW-16	LED COLUMN LIGHT	120/1	N/A	18 LEDs/LF	2.3W/LF
XD1	EXISTING FIXTURE TO BE DEMOLISHED	1X4 FLUOR. WRAPAROUND	120/1	1-ELECTRONIC	2-34W T12	72
XD2	EXISTING FIXTURE TO BE DEMOLISHED	4' VANITY STRIP FIXTURE	120/1	1-ELECTRONIC	2-30W	64
XD3	EXISTING FIXTURE TO BE DEMOLISHED	BATHROOM STRIP FIXTURE	120/1	1-ELECTRONIC	2-34W T12	72
XD4	EXISTING FIXTURE TO BE DEMOLISHED	8' FLUORESCENT STRIP	120/1	1-ELECTRONIC	4-40W T12	140
XD5	EXISTING FIXTURE TO BE DEMOLISHED	INCANDESCENT WALL SCONCE	120/1	N/A	1-60W A19	60
XD6	EXISTING FIXTURE TO BE DEMOLISHED	2X4 FLUORESCENT PRISMATIC	120/1	1-ELECTRONIC	2-34W T12	72
XD7	EXISTING FIXTURE TO BE DEMOLISHED	2X4 FLUORESCENT PRISMATIC	120/1	1-ELECTRONIC	4-34W T12	144
XD8	EXISTING FIXTURE TO BE DEMOLISHED	1X4 FLUORESCENT PRISMATIC	120/1	1-ELECTRONIC	2-34W T12	72
XD9	EXISTING FIXTURE TO BE DEMOLISHED	4' FLUORESCENT STRIP (WET LOCATION)	120/1	1-ELECTRONIC	2-34W T12	72
XD10	EXISTING FIXTURE TO BE DEMOLISHED	2' VANITY STRIP FIXTURE	120/1	1-ELECTRONIC	2-20W	44
# EM	LITHONIA #ELM618	EMERGENCY WALLPACK (BATTERY)	120/277/1			
	KENALL #METSU-MW-R-DT-EL (1 FACE)	EMERGENCY EXIT LIGHT (BATTERY)				
	KENALL #METSU-MW-R-DT-EL (2 FACE)	EMERGENCY EXIT LIGHT (BATTERY)				
#	LITHONIA #LHQM-S-W-1-R	LED EMERG. EXIT/WLPK COMBO. (BATTERY)				

NOTES:

1. ALL BALLASTS SHALL COMPLY WITH INTERNATIONAL. BUILDING CODE, 2009 INTERNATIONAL ENERGY CONSERVATION CODE AND SHALL BE UL LISTED. ALL T8 BALLASTS SHALL BE INSTANT START, HIGH-PERFORMANCE ELECTRONIC WITH NORMAL BALLAST FACTOR (0.88) UNLESS OTHERWISE NOTED.
2. ALL FIXTURES NOTED AS EMERGENCY SHALL HAVE EMERGENCY ILLUMINATION FUNCTIONALITY AS DESCRIBED BELOW. IN ALL CASES, BATTERIES MUST BE RATED FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED.
   - INTERIOR FLUORESCENT FIXTURES SHALL HAVE 1,100 LUMEN (MINIMUM) OUTPUT, 90 MINUTE BATTERY PACK.
   - EXTERIOR EMERGENCY LIGHTS SHALL HAVE AN INTEGRAL EXTERIOR RATED (0° F) OR REMOTE MOUNTED 1,100 LUMEN OUTPUT 90 MINUTE BATTERY.
   - TEST SWITCHES FOR EMERGENCY BATTERIES SHALL BE INTEGRAL TO THE FIXTURE SERVED BY THE BATTERY.
   - EMERGENCY FIXTURES SHALL OPERATE ONE LAMP WHERE MULTIPLE EMERGENCY FIXTURES ARE TO BE INSTALLED IN AN AREA, AND SHALL OPERATE TWO LAMPS WHERE THE LOSS OF A SINGLE LAMP WOULD RENDER THE SPACE IN TOTAL DARKNESS DURING EMERGENCY OPERATION.
   - WHERE EMERGENCY LIGHTS PROVIDE EMERGENCY ILLUMINATION IN AREAS NORMALLY LIT BY METAL HALIDE FIXTURES (OR SIMILAR SOURCES) WITH RESTRIKE DELAY, THE EMERGENCY BATTERY SHALL BE PROVIDED WITH A TIME DELAY TO MAINTAIN BATTERY ILLUMINATION FOR 15 MINUTES AFTER THE RESTORATION OF NORMAL POWER.
   - EMERGENCY LIGHTING DESIGN IS BASED ON EXISTING FIXTURES WITH 1,100 LUMEN OUTPUT BATTERIES. CONTRACTOR SHALL VERIFY ANY EXISTING EMERGENCY FIXTURE BATTERIES ARE 1,100 LUMEN OUTPUT MINIMUM AND SHALL REPLACE ANY BATTERIES RATED LESS THAN 1,100 LUMENS.
   - EMERGENCY LIGHTING UNITS WITH DEDICATED EMERGENCY HEADS SHALL PROVIDE 1 F.C. FOR AT LEAST 25' FOR A MINIMUM OF 90 MINUTES.
3. ALL FIXTURES ARE INTENDED TO BE A BASIS OF DESIGN AND EQUALS ARE ACCEPTED.
4. NOT USED.
5. ALL NEW, RELOCATED, OR RESWITCHED FIXTURES THAT UTILIZE BALLASTS SHALL BE PROVIDED WITH A LUMINAIRE DISCONNECT WHERE REQUIRED PER NEC 2008 SECTION 410.130(G). USE IDEAL POWERPLUG OR EQUAL INTERNAL TO FIXTURE.
6. CONTRACTOR SHALL ENSURE THAT ALL INTERIOR AND EXTERIOR LAMPS ARE THE SAME COLOR TEMPERATURE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE PROPER LAMP(S) FOR EACH FIXTURE, AS RECOMMENDED BY THE FIXTURE MANUFACTURER AND FIXTURE SCHEDULE.

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
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SEAL

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PROJECT MANAGER
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DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.
REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC
ELECTRICAL LEGEND & SCHEDULES

STA. PROJ. NO. CP1304M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12665602
SHEET 98 OF 108
E-100

GENERAL NOTES

APPLY TO THIS SHEET ONLY

1. COORDINATE WITH DEMOLITION AND CONSTRUCTION PLANS AND NOTATION ON SHEETS A-101, A-102, A-103, A-104 AND A-105.
2. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.

KEYED DEMOLITION NOTES

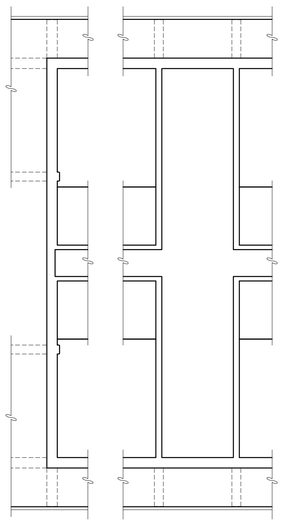
APPLY TO THIS SHEET ONLY

1. CLEAN AND PREPARE EXISTING PAINTED (TEXTURED) PRECAST CONCRETE PLANK CEILING ±8"–8" ABOVE FINISHED FLOOR FOR NEW FINISHES. EXISTING TEXTURE TO REMAIN.
2. COMPLETELY REMOVE EXISTING GYPSUM BOARD SOFFIT AND BULKHEAD ASSEMBLY ±7'–4" ABOVE FINISHED FLOOR INCLUDING ALL EXISTING SUPPORT FRAMING.

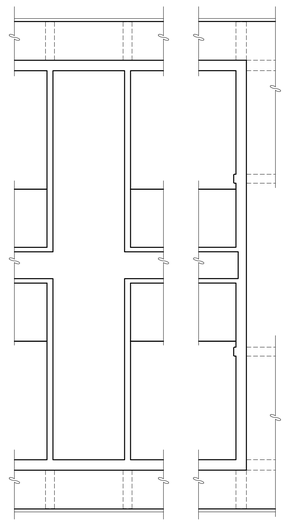
KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

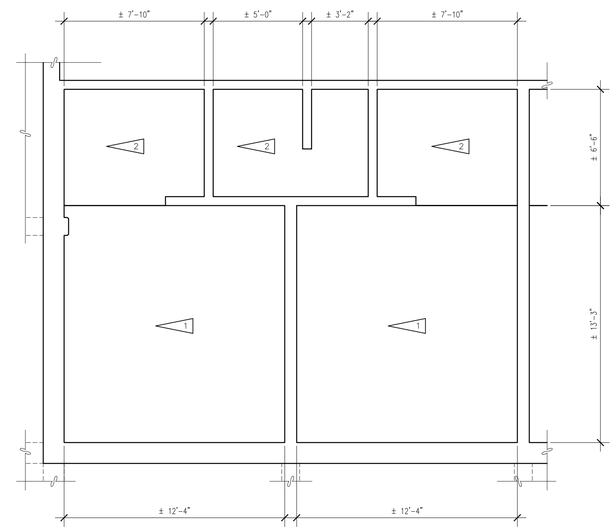
1. PROVIDE NEW 5/8" IMPACT-RESISTANT FIBERGLASS MAT FACED GYPSUM BOARD CEILING AND BULKHEAD (TYPICAL EACH SLEEPING ROOM, INCLUDING BATHROOM/SHOWER AND VANITY/CLOSET AREA). FOR FRAMING. COORDINATE FINAL SIZE AND LOCATION OF ACCESS DOOR WITH MECHANICAL REQUIREMENTS. SEE DETAILS 7/A-108 AND 7/A-402 FOR SOFFIT AND BULKHEAD DIMENSIONS AND FRAMING INFORMATION. SOFFIT AND BULKHEAD SURFACES SHALL BE PAINTED. SEE ENLARGED DEMOLITION PLAN, 3/A-106, FOR DIMENSIONS. ESTABLISH NEW CEILING HEIGHT AS HIGH AS POSSIBLE. COORDINATE CEILING HEIGHT WITH PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS.
2. PROVIDE NEW PAINT APPLICATION TO EXISTING PAINTED & TEXTURED CONCRETE PLANK CEILING.
3. PROVIDE (1) 36" X 36" MINIMUM FLUSH MOUNTED CEILING ACCESS PANEL IN THE GYPSUM SOFFIT OF EACH SLEEPING ROOM. COORDINATE FINAL LOCATION WITH MECHANICAL ITEMS ABOVE.



1 A-101 | A-108 — MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'-0"



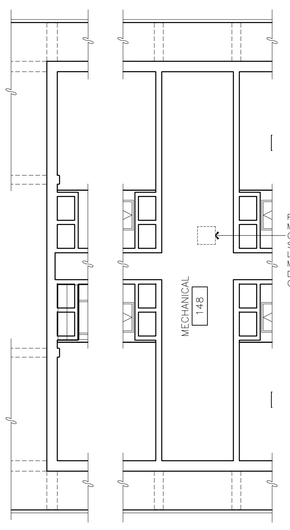
2 A-101 | A-108 — MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'-0"



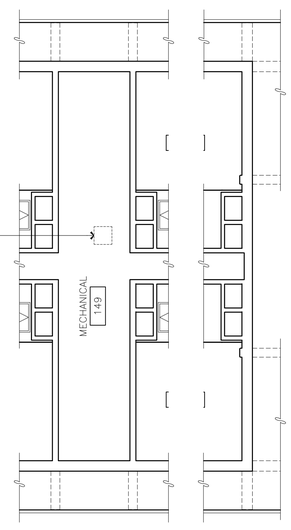
3 A-101 | A-108 — TYP. SLEEPING SUITE: DEMOLITION
SCALE: 1/4"=1'-0"

NOTE: FIRST FLOOR MECHANICAL ROOM AND CHASE SHOWN. SECOND AND THIRD FLOOR MECHANICAL ROOMS AND CHASES ARE SIMILAR.

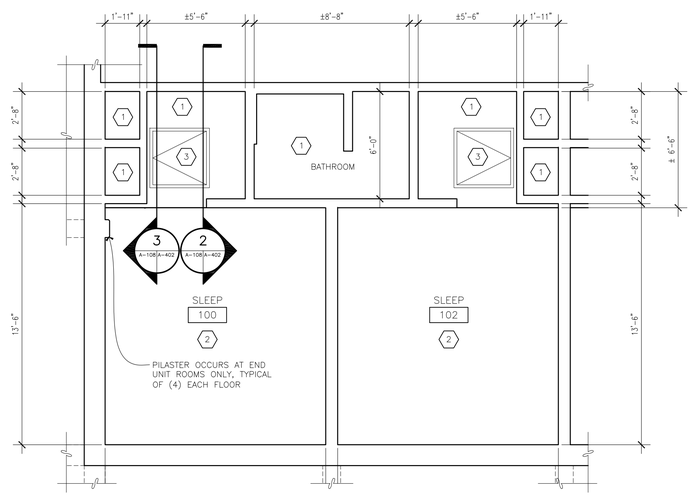
NOTE: TYPICAL SLEEPING ROOM SHOWN FOR DEMOLITION AND CONSTRUCTION. ALL SLEEPING ROOMS ARE IDENTICAL UNLESS OTHERWISE NOTED, BUT IN SOME CASES ARE REVERSED.



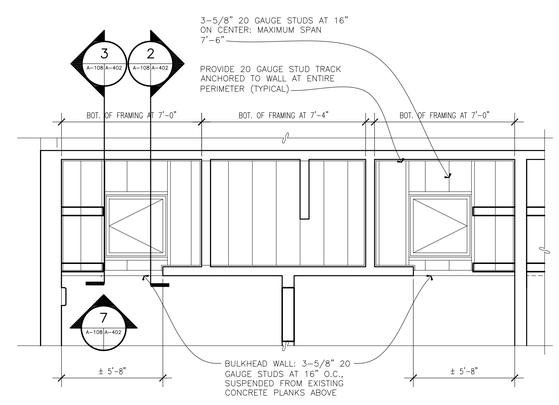
4 A-102 | A-108 — MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'-0"



5 A-102 | A-108 — MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'-0"



6 A-102 | A-108 — TYP. SLEEPING SUITE: CONSTRUCTION
SCALE: 1/4"=1'-0"



7 A-108 | A-108 — SOFFIT FRAMING PLAN
SCALE: 1/4"=1'-0"

AS-BUILT

RECORD DRAWING LETTER DATED 2016.12.02

SCALE 1/8"= 1'-0"

SCALE 1/4"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:

MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
317-C Pollock Street, New Bern, NC 28560 Tel: 252.637.6373

SEAL

APPROVED

ACTIVITY – SATISFACTORY TO

DATE

APPROVED

FOR EFD FOR COMMANDER NAVFAC

DATE

A/E	EFD
JH	DESIGN
DLG	DRAWN
RTB	REVIEW
	QC
	CHIEF ARCH./ ENGR.
	PROJECT MANAGER
	FIRE PROTECTION
	BRANCH MANAGER
	DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

ENLARGED CEILING PLANS; SLEEPING ROOM DEMOLITION & CONSTRUCTION

STA. PROJ. NO. CP1304M

SPEC. NO.

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12665522

SHEET 18 OF 108

A-108

100% FINAL

GENERAL NOTES

1. COORDINATE WITH DEMOLITION AND CONSTRUCTION PLANS AND NOTATION ON SHEETS A–101, A–102, A–103, A–104 AND A–105.
2. COORDINATE ALL CEILING WORK WITH MECHANICAL AND ELECTRICAL DRAWINGS.
3. SEE ENLARGED DEMOLITION FLOOR PLANS, SHEET A–103, FOR DIMENSIONS OF ALL AREAS TO RECEIVE CEILING WORK.

KEYED DEMOLITION NOTES

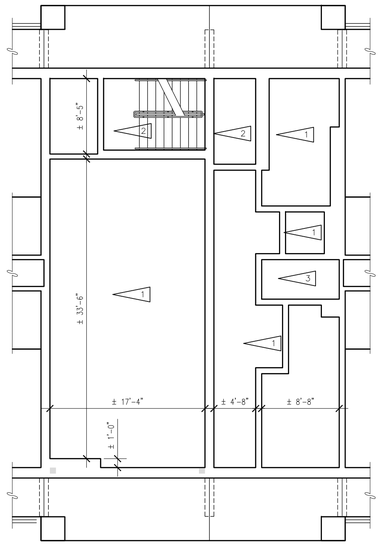
APPLY TO THIS SHEET ONLY

1. CLEAN AND PREPARE EXISTING PAINTED (TEXTURED) PRECAST CONCRETE PLANK CEILING ±8'–8" ABOVE FINISHED FLOOR FOR NEW PAINT FINISHES. EXISTING TEXTURE IS TO REMAIN.
2. UNDERSIDE OF EXISTING CONCRETE (UNPAINTED) TO REMAIN AS IS, NO CEILING WORK.
3. EXISTING MECHANICAL CHASE OR VESTIBULE TO MECHANICAL CHASE. NO CEILING WORK IN THIS AREA.
4. UNDERSIDE OF EXISTING CONCRETE (UNPAINTED) TO REMAIN AS IS, NO CEILING.

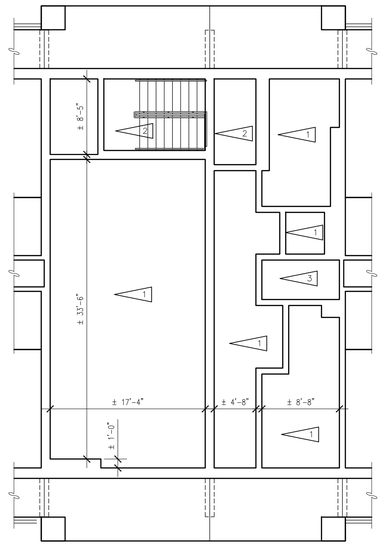
KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

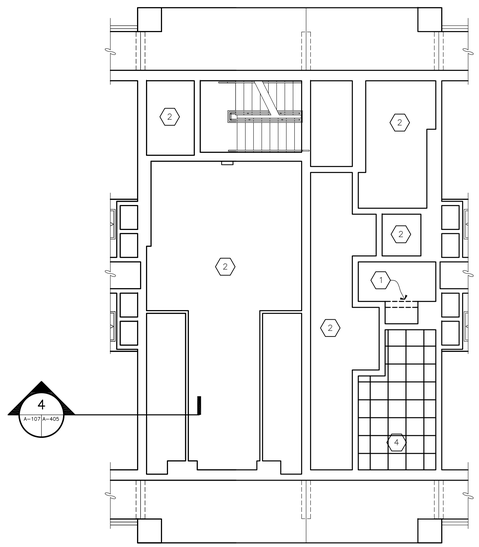
1. PATCH UNDERSIDE OF EXISTING CONCRETE PLANK WHERE EXISTING CONCRETE MASONRY WALL WAS REMOVED.
2. PROVIDE NEW PAINT APPLICATION TO EXISTING TEXTURED CONCRETE PLANK CEILING. SEE FINISH SCHEDULE.
3. NOT USED.
4. PROVIDE NEW SUSPENDED ACOUSTICAL TILE CEILING AT ±7'–4" A.F.F. COORDINATE CEILING INSTALLATION WITH PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS.



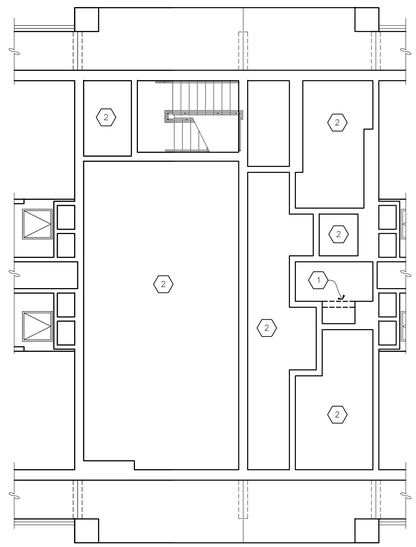
1 A–101/A–107 CENTRAL CORE, 2ND FLOOR DEMOLITION
SCALE: 1/8"=1'–0"



2 A–101/A–107 CENTRAL CORE, 3RD FLOOR DEMOLITION
SCALE: 1/8"=1'–0"



3 A–102/A–107 CENTRAL CORE, 2ND FLOOR CONSTRUCTION
SCALE: 1/8"=1'–0"



4 A–102/A–107 CENTRAL CORE, 3RD FLOOR CONSTRUCTION
SCALE: 1/8"=1'–0"

AS-BUILT

RECORD DRAWING
LETTER DATED
2016.12.02

SCALE 1/8" = 1'–0"

SCALE 1/4" = 1'–0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:

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SEAL

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PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
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DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

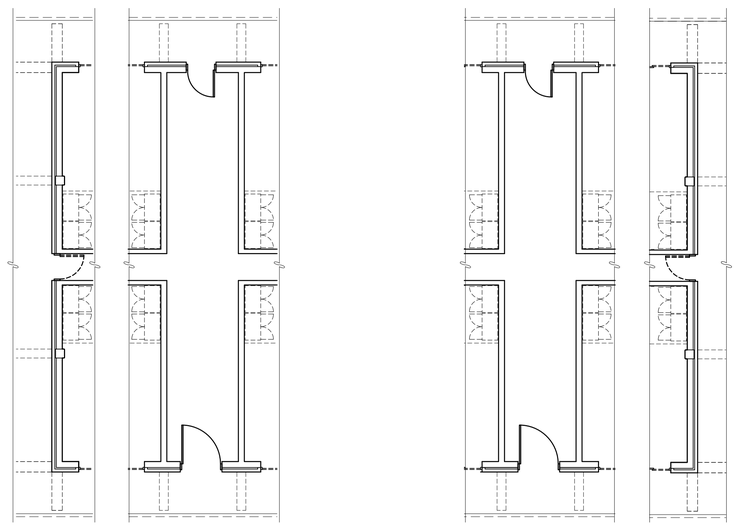
REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

ENLARGED CEILING PLANS: CENTRAL CORE DEMOLITION & CONSTRUCTION

STA. PROJ. NO. CP1304M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12665521
SHEET 17 OF 108

A–107

100% FINAL

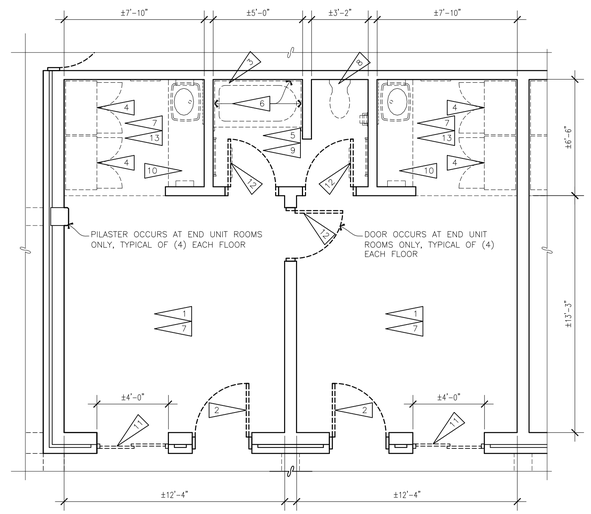


SEE TYPICAL SLEEPING DEMOLITION AND CONSTRUCTION PLANS FOR TYPICAL DEMOLITION AND CONSTRUCTION WORK AT SLEEPING ROOMS.

1 A-101 | A-105 TYP. MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'-0"

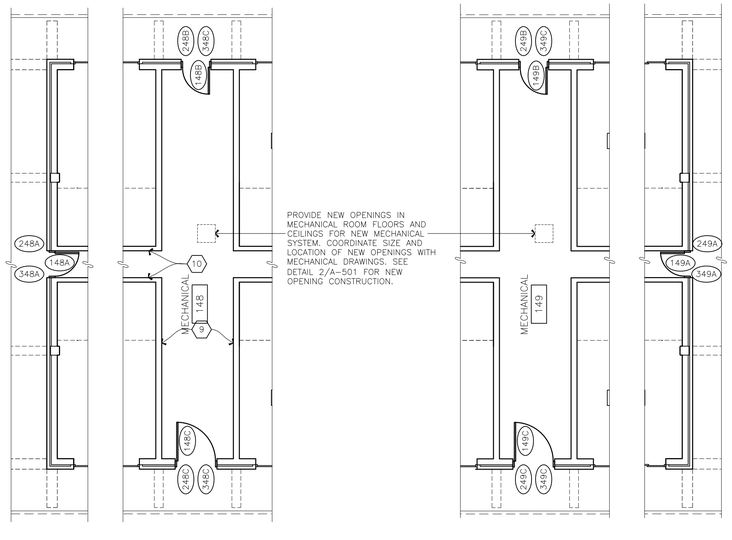
2 A-101 | A-105 TYP.MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'-0"

NOTE: FIRST FLOOR MECHANICAL ROOM AND CHASE SHOWN. SECOND AND THIRD FLOOR MECHANICAL ROOMS AND CHASES ARE SIMILAR.



3 A-101 | A-105 TYP. SLEEPING SUITE: DEMOLITION
SCALE: 1/4"=1'-0"

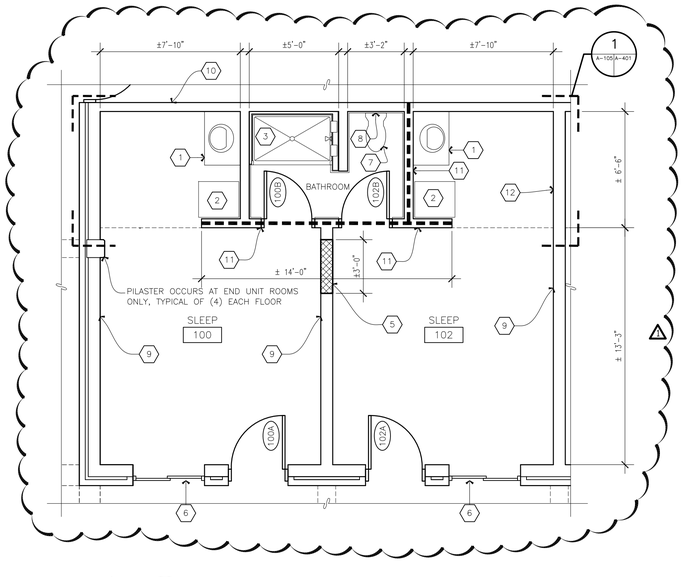
NOTE: TYPICAL SLEEPING ROOM SHOWN FOR DEMOLITION AND CONSTRUCTION. ALL SLEEPING ROOMS ARE IDENTICAL UNLESS OTHERWISE NOTED, BUT IN SOME CASES ARE REVERSED. SEE SHEET A-409 FOR TYPICAL FLOOR SLAB DEMOLITION AND CONSTRUCTION. SLAB WORK OCCURS AT FIRST FLOOR ROOMS ONLY.



4 A-102 | A-105 TYP. MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'-0"

5 A-102 | A-105 TYP. MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'-0"

NOTE: DOOR NUMBERING SCHEME IS TYPICAL FOR ALL MECHANICAL ROOMS, CHASES AND CHASE VESTIBULES, BUT CORRESPONDS TO ROOM NUMBER.



6 A-102 | A-105 TYP. SLEEPING SUITE: CONSTRUCTION
SCALE: 1/4"=1'-0"

NOTE: DOOR NUMBERING SCHEME IS TYPICAL FOR ALL SLEEPING ROOMS BUT CORRESPONDS TO ROOM NUMBER.

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.12.02

GENERAL NOTES

1. PROVIDE NEW FINISHES FOR ALL SPACES AS DESCRIBED IN THE ROOM FINISH SCHEDULE. SEE COMPREHENSIVE CONSTRUCTION FLOOR PLANS, SHEET A-102, FOR ALL ROOM NAMES. SEE FINISH SCHEDULE FOR ALL ROOM FINISH DESIGNATIONS.
2. ALL DOORS IDENTIFIED BY DOOR NUMBER ARE NEW. SEE DOOR SCHEDULE SHEET A-601 FOR SPECIFIC INFORMATION, INCLUDING IF A NEW FRAME IS TO BE INSTALLED.
3. SEE LS-001 AND LS-002, LIFE SAFETY CODE COMPLIANCE SUMMARY AND LS-101 LIFE SAFETY PLAN FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS AND LOCATIONS OF NEW FIRE EXTINGUISHERS.
4. FOR ALL BATHROOMS SEE ENLARGED PLANS AND ELEVATIONS, SHEET A-401, FOR ALL ACCESSORIES AND DELINEATION OF FINISHES.
5. SEE SYMBOL LEGEND ON SHEET A-102.
6. REMOVE ALL EXISTING DOORS AND ALL EXISTING DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO, HINGES, LOCKSETS, AUXILIARY LOCKSETS, CLOSERS, OVERHEAD HOLDERS, THRESHOLDS, AND WEATHERSTRIPPING. EXISTING DOOR FRAMES ARE TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW DOORS AS SCHEDULED WHERE EXISTING DOORS HAVE BEEN REMOVED. ALL DOORS IDENTIFIED BY DOOR NUMBER ARE NEW. SEE SHEET A-601 FOR ADDITIONAL INFORMATION ON DOORS AND FRAMES TO BE PROVIDED.
7. DASHED LINES ON DEMOLITION PLANS REPRESENT ITEMS TO BE REMOVED. SEE LINE TYPE LEGEND AND KEYED DEMOLITION NOTES FOR ADDITIONAL INFORMATION.
8. DASHED LINES ON CONSTRUCTION PLANS REPRESENT ITEMS OVERHEAD OR BENEATH OTHER CONSTRUCTION. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION.

DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. REMOVE EXISTING RESILIENT TILE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
2. REMOVE ALL EXISTING DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO HINGES, LOCKSETS, AUXILIARY LOCKSETS, THRESHOLDS, WEATHERSTRIPPING, DOOR GUARDS, CLOSERS AND RECESSED OVERHEAD HOLDERS.
3. REMOVE EXISTING BATH TUB.
   FIRST FLOOR: CLEAN AND PREPARE AREA WHERE TUB WAS REMOVED FOR NEW SHOWER INSTALLATION. SEE PLUMBING DRAWINGS.
   SECOND & THIRD FLOORS: REMOVE EXISTING ±2" THICK SETTING BED. CLEAN AND PREPARE AREA WHERE TUB WAS REMOVED FOR NEW SETTING BED AND SHOWER INSTALLATION. SEE PLUMBING DRAWINGS.
4. REMOVE EXISTING BUILT-IN METAL WALL LOCKER. SEE GENERAL NOTE 3 ON SHEET A-101.
5. FIRST FLOOR: REMOVE EXISTING THIN-SET CERAMIC FLOOR TILE, AND CERAMIC WALL BASE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW PORCELAIN TILE INSTALLATION. SEE A-401.
   SECOND & THIRD FLOORS: REMOVE EXISTING CERAMIC FLOOR TILE, ±2" THICK SETTING BED, AND CERAMIC WALL BASE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW SETTING BED AND PORCELAIN TILE INSTALLATION. SEE A-401.
6. REMOVE EXISTING CERAMIC TILE FROM EXISTING CONCRETE MASONRY WALLS. PREPARE EXISTING CONCRETE MASONRY WALLS FOR NEW SOLID POLYMER SHOWER SURROUND BY GRINDING OR FILLING THE SURFACE WHERE CERAMIC TILE HAS BEEN REMOVED TO ESTABLISH A FLAT SUBSTRATE TO PERMIT THE INSTALLATION OF NEW SOLID POLYMER WALL PANELS.
7. CLEAN AND PREPARE EXISTING PAINTED CONCRETE MASONRY WALLS FOR NEW FINISHES.
8. REMOVE EXISTING PLUMBING FIXTURE IN PREPARATION FOR INSTALLATION OF NEW FIXTURE. SEE PLUMBING DRAWINGS.
9. REMOVE EXISTING TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO: TOILET TISSUE DISPENSER, TOWEL BARS, ROBE HOOKS, SHOWER ROD AND SHOWER CURTAIN.
10. REMOVE EXISTING WOOD VANITY CABINET AND COUNTER INCLUDING PORCELAIN SINK BOWL AND FAUCET.
11. REMOVE EXISTING ALUMINUM WINDOW ASSEMBLY FROM EXISTING MASONRY OPENING. REMOVAL INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: ALUMINUM WINDOW, BLIND AND DRAPES ±4'-4" HIGH x WIDTH SHOWN IN PLAN. PREPARE REMAINING MASONRY OPENING FOR NEW WINDOW INSTALLATION. SEE 2/A-603 FOR ADDITIONAL INFORMATION.
12. REMOVE EXISTING STEEL DOOR AND STEEL DOOR FRAME. PREPARE EXISTING MASONRY OPENING FOR NEW CONCRETE MASONRY INFILL. SEE CONSTRUCTION PLAN 6/A-105.
13. REMOVE EXISTING TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO: SOAP HOLDER, WALL MOUNTED MIRRORS, MEDICINE CABINETS.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. PROVIDE NEW PLASTIC LAMINATE VANITY CABINET 21" DEEP X 36" WIDE WITH SOLID SURFACE COUNTERTOP AND INTEGRAL SINK BOWL. SEE SHEET A-402 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
2. REFRIGERATOR/MICROWAVE UNIT PER FF&E PACKAGE.
3. PROVIDE NEW SOLID SURFACE SHOWER. SEE SHEET A-401 FOR SHOWER CONSTRUCTION AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
4. PROVIDE NEW 6" CONCRETE MASONRY WALLS UP TO UNDERSIDE OF NEW SOFFIT 18" 10" ABOVE FINISHED FLOOR BY DIMENSION SHOWN IN PLAN. PROVIDE (1) #4 BAR VERTICALLY WHERE NEW CONCRETE MASONRY WALLS TERMINATE AT CLOSET DOORS. FILL ALL CELLS WITH MORTAR AS THE WALLS ARE BUILT. PROVIDE 24" WIDE x 17" LONG 18 GAUGE HOT-DIPPED GALVANIZED CORRUGATED WALL TIES AT 1'-4" ON CENTER VERTICALLY AT EACH INTERSECTION WITH EXISTING CONCRETE MASONRY.
5. PROVIDE NEW 8" CONCRETE MASONRY INFILL ±7'-4" HIGH.
6. PROVIDE NEW ALUMINUM WINDOW IN EXISTING MASONRY OPENING. SEE 2/A-603 FOR ADDITIONAL INFORMATION.
7. PROVIDE NEW PLUMBING FIXTURE WHERE EXISTING PLUMBING FIXTURE WAS REMOVED. SEE PLUMBING DRAWINGS.
8. PROVIDE NEW 6" CONCRETE MASONRY WHERE EXISTING 8" x 8" LOUVER HAS BEEN REMOVED
9. EXISTING 8" CONCRETE MASONRY LOAD BEARING WALL
10. EXISTING 6" CONCRETE MASONRY LOAD BEARING WALL
11. PROVIDE NEW 6" CONCRETE MASONRY WALL ON TOP OF EXISTING 6" CONCRETE MASONRY WALL FROM ±7'-4" ABOVE FINISH FLOOR TO DECK (8'-8" ABOVE FINISH FLOOR) BY DIMENSION SHOWN IN PLAN. SEE LIFE SAFETY PLANS FOR FIRE RATINGS.
12. PROVIDE NEW 8" CONCRETE MASONRY INFILL IN EXISTING 16'-4" X 16'-4" OPENING.
13. PROVIDE NEW 8" CONCRETE MASONRY INFILL WHERE DOOR 8'-4" WAS REMOVED.

LINE TYPE LEGEND

- ITEMS TO BE REMOVED (DEMOLITION PLANS) OR ITEMS ABOVE OR BENEATH OTHER CONSTRUCTION (CONSTRUCTION PLANS). SEE ENLARGED PLANS AND KEYNOTES FOR IDENTIFICATION OF ITEMS
- EXISTING ITEMS TO REMAIN
- NEW CONCRETE MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION
- INDICATES NEW 6" CONCRETE MASONRY WALL INFILL ON TOP OF EXISTING 6" CONCRETE MASONRY WALL FROM ±7'-4" ABOVE FINISH FLOOR TO DECK (±8'-8" ABOVE FINISH FLOOR) BY DIMENSION SHOWN IN PLAN. SEE LIFE SAFETY PLANS FOR FIRE RATINGS.

SCALE 1/8"= 1'-0"
SCALE 1/4"= 1'-0"

SYM.	PLAN REVISIONS DESCRIPTION	DATE	APPR.
		06.05.2015	

DESIGNED & ENGINEERED BY:
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SEAL

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	PROJECT MANAGER
	FIRE PROTECTION
	BRANCH MANAGER
	DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

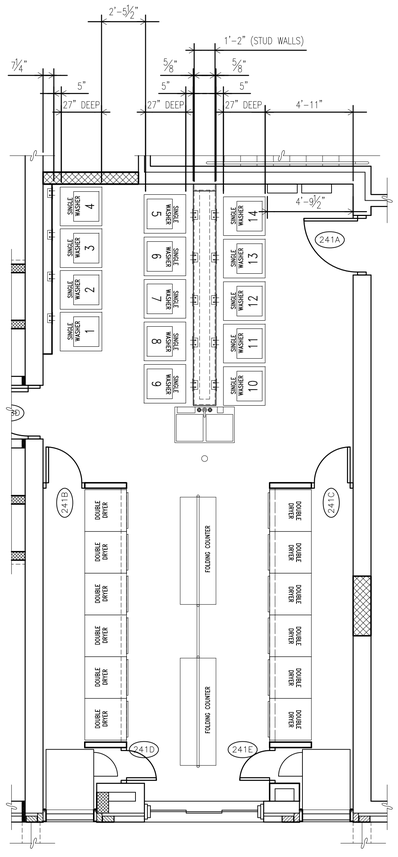
REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

ENLARGED FLOOR PLANS: SLEEPING ROOM DEMOLITION & CONSTRUCTION

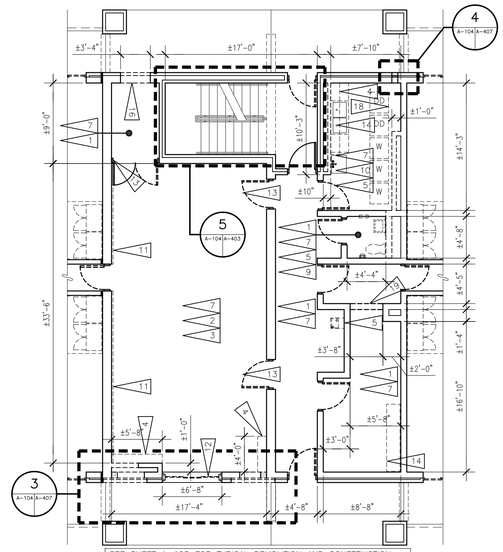
STA. PROJ. NO. CP1304M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12665519
SHEET 15 OF 108

A-105

100% FINAL

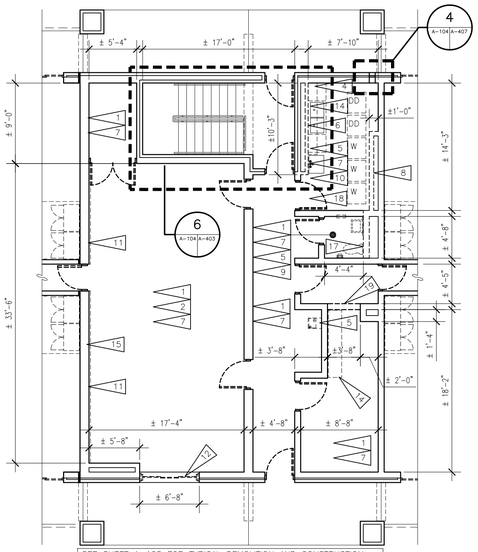


5 A-104|A-104 2ND FLOOR LAUNDRY ROOM CONSTRUCTION
SCALE: 1/4"=1'-0"



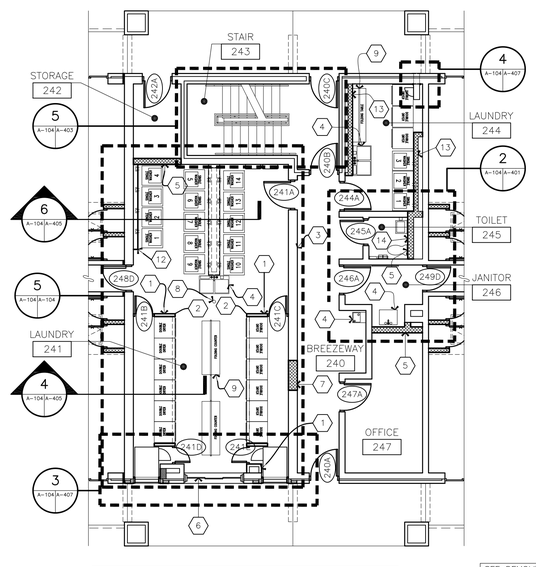
1 A-101|A-104 CENTRAL CORE: 2ND FLOOR DEMOLITION
SCALE: 1/8"=1'-0"

NOTE: ICE MACHINES AND VENDING MACHINES ARE NOT IN CONTRACT.



2 A-101|A-104 CENTRAL CORE: 3RD FLOOR DEMOLITION
SCALE: 1/8"=1'-0"

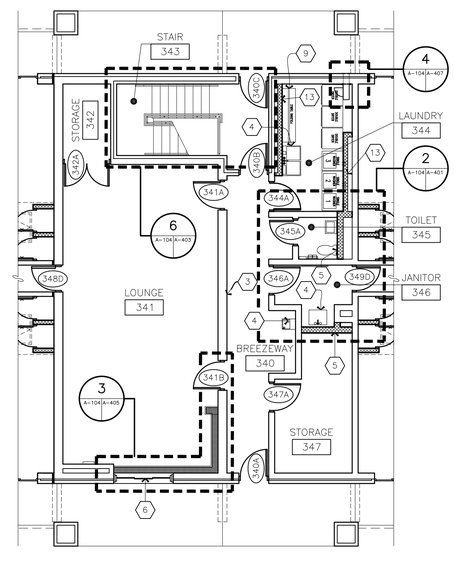
W = WASHER
D = DRYER
DD = DOUBLE DRYER(STACKED)



SEE 2/A-407 FOR FLOORING PATTERN DETAILS AT BREEZEWAY 232

SEE DEMOLITION PLANS FOR DIMENSIONS.

3 A-102|A-104 CENTRAL CORE: 2ND FLOOR CONSTRUCTION
SCALE: 1/8"=1'-0"



SEE 2/A-407 FOR FLOORING PATTERN DETAILS AT BREEZEWAY 332

4 A-102|A-104 CENTRAL CORE: 3RD FLOOR CONSTRUCTION
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. PROVIDE NEW FINISHES FOR ALL SPACES PER ROOM FINISH SCHEDULE. SEE COMPREHENSIVE CONSTRUCTION FLOOR PLANS, SHEET A-102, FOR ALL ROOM NAMES. SEE FINISH SCHEDULE FOR ALL FINISH DESIGNATIONS.
2. SEE SHEET LS-101, LIFE SAFETY PLAN, FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS AND LOCATIONS OF NEW FIRE EXTINGUISHERS.
3. FOR ALL RESTROOMS, SEE ENLARGED PLANS AND ELEVATIONS, SHEET A-401, FOR ALL ACCESSORIES AND DELINEATION OF FINISHES.
4. REMOVE ALL EXISTING DOORS AND ALL EXISTING DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO, HINGES, LOCKSETS, AUXILLARY LOCKSETS, CLOSERS, OVERHEAD HOLDERS, THRESHOLDS AND WEATHER STRIPPING.EXISTING DOOR FRAMES TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW DOORS AS SCHEDULED WHERE EXISTING DOORS HAVE BEEN REMOVED. ALL DOORS IDENTIFIED BY DOOR NUMBERS ARE NEW. SEE SHEET A-601 FOR ADDITIONAL INFORMATION ON DOORS AND FRAMES TO BE PROVIDED.
5. DASHED LINES ON DEMOLITION PLANS REPRESENT ITEMS TO BE REMOVED. SEE LINE TYPE LEGEND AND KEYED DEMOLITION NOTES FOR ADDITIONAL INFORMATION.
6. DASHED LINES ON CONSTRUCTION PLANS REPRESENT ITEMS OVERHEAD OR BENEATH OTHER CONSTRUCTION. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION.

KEYED DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. REMOVE EXISTING RESILIENT TILE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
2. REMOVE EXISTING RESILIENT BASE FROM EXISTING CONCRETE MASONRY WALL. CLEAN EXISTING CONCRETE MASONRY OF ALL ADHESIVE.
3. REMOVE EXISTING CARPET AND EXISTING RESILIENT TILE BENEATH. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
4. REMOVE EXISTING WALL MOUNTED SHELF. PATCH REMAINING HOLES WITH MORTAR.
5. REMOVE EXISTING PLUMBING FIXTURE(S). SEE PLUMBING DRAWINGS.
6. REMOVE EXISTING 4" CONCRETE MASONRY WALL ±8'-8" HIGH.
7. CLEAN & PREPARE EXISTING PAINTED CONCRETE MASONRY WALLS FOR NEW FINISHES.
8. REMOVE EXISTING 6" CONCRETE MASONRY WALL ±8'-8" HIGH.
9. REMOVE EXISTING TOILET ACCESSORIES (EXCEPT INTEGRAL TOWEL DISPENSER / TRASH RECEPTACLE WHERE PRESENT) INCLUDING BUT NOT LIMITED TO: TOILET TISSUE DISPENSER, SOAP DISPENSER, AND WALL MOUNTED MIRROR.
10. CLEAN EXISTING CONCRETE FLOOR AND PREPARE FOR NEW FLOOR FINISHES.
11. REMOVE EXISTING FABRIC DRAPERY PANELS AND ALL MOUNTING HARDWARE. PATCH REMAINING HOLES WITH MORTAR.
12. REMOVE EXISTING ALUMINUM WINDOW FROM EXISTING MASONRY OPENING. REMOVAL INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: ALUMINUM WINDOW, BLIND AND DRAPES ±4'-4" HIGH × WIDTH SHOWN IN PLAN. PREPARE MASONRY OPENING FOR NEW WINDOW INSTALLATION. SEE 2/A-603.
13. REMOVE EXISTING STEEL DOOR FRAME.
14. REMOVE EXISTING WOOD CASEWORK. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WALLS – CONCRETE BLOCK WITH MORTAR
15. REMOVE EXISTING WALL MOUNTED MIRROR. PATCH REMAINING HOLES WITH MORTAR.
16. REMOVE EXISTING ±8" CONCRETE MASONRY AND ±4" BRICK MASONRY WALL TO CREATE A NEW MASONRY OPENING 7'-4" HIGH. REMOVE EXISTING MASONRY TO 8" BELOW THE FINISHED FLOOR. SEE 5/A-602, 6/A-602 & 7/A-602. REMOVE ADDITIONAL MASONRY AT JAMBS TO PERMIT THE BONDING OF NEW MASONRY INTO EXISTING MASONRY. PREPARE OPENING FOR NEW DOOR INSTALLATION
17. REMOVE EXISTING 8" CONCRETE MASONRY WALL ±8'-8" HIGH.
18. REMOVE EXISTING WASHERS & DRYERS & DOUBLE DRYERS AND TURN OVER TO GOVERNMENT
19. REMOVE INDICATED PORTION OF EXISTING 8" CONCRETE MASONRY WALL UP TO EXISTING STRUCTURE ABOVE, ±8'-8" HIGH. REMOVE ADDITIONAL MASONRY FROM REMAINING WALL TO PERMIT REBUILDING OF THE EXISTING WALL TO ESTABLISH FINISHED CORNERS.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. PROVIDE NEW WALL CONSISTING OF ⅝" IMPACT RESISTANT GYPSUM BOARD (EACH SIDE) ON 3-5/8" METAL STUD FRAMING AT 16" ON CENTER. WALL AND WALL FINISHES SHALL EXTEND UP TO EXISTING CONCRETE PLANK CEILING ±8'-8" ABOVE.
2. PROVIDE CORNER GUARD FULL HEIGHT OF WALL.
3. EXISTING 12" (8" + 4") CONCRETE MASONRY BEARING WALL.
4. PROVIDE NEW PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
5. PROVIDE NEW 8" CONCRETE MASONRY WALL UP TO EXISTING CONCRETE CEILING ±8'-8" ABOVE FINISH FLOOR BY DIMENSION SHOWN IN PLAN. BRACE NEW CONCRETE MASONRY WALLS AT TOP COURSE PER DETAIL 1/A-501.
6. PROVIDE NEW ALUMINUM WINDOW IN EXISTING MASONRY OPENING. SEE 1/A-603.
7. PROVIDE NEW 12" CONCRETE MASONRY INFILL ±7'-4" HIGH IN EXISTING OPENING.
8. PROVIDE NEW FLOOR DRAIN. SEE PLUMBING DRAWINGS.
9. PROVIDE NEW LAUNDRY FOLDING TABLE. SEE 5/A-501.
10. PROVIDE NEW 6" CONCRETE MASONRY WHERE EXISTING 8" x 8" LOUVER WAS REMOVED.
11. PROVIDE NEW 4" CONCRETE MASONRY WALL UP TO EXISTING CEILING ±8'-8" ABOVE FINISH FLOOR BY DIMENSION SHOWN ON PLAN. BRACE NEW CONCRETE MASONRY WALL AT TOP COURSE PER DETAIL 1/A-501.
12. PROVIDE FULL HEIGHT (±8'-8") PAINTED IMPACT RESISTANT GYPSUM BOARD AND 3-5/8" STEEL STUD AT 16" O.C. CHASE WALL FOR WASHER PIPING.
13. PROVIDE NEW 6" CONCRETE MASONRY WALL UP TO EXISTING CONCRETE CEILING ±8'-8" ABOVE FINISHED FLOOR BY DIMENSION SHOWN IN PLAN. BRACE NEW CONCRETE MASONRY WALLS AT TOP COURSE PER DETAIL 1/A-501.

LINE TYPE LEGEND

- ITEMS TO BE REMOVED (DEMOLITION PLANS) OR ITEMS ABOVE OR BENEATH OTHER CONSTRUCTION (CONSTRUCTION PLANS). SEE ENLARGED PLANS AND KEYNOTES FOR IDENTIFICATION OF ITEMS
- EXISTING ITEMS TO REMAIN
- NEW CONCRETE MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION
- NEW BRICK MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION

AS-BUILT

RECORD DRAWING
LETTER DATED
2016.12.02

0 5' 10' 20'
SCALE 1/8" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
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SEAL

APPROVED

ACTIVITY – SATISFACTORY TO

DATE

APPROVED

FOR EFD FOR COMMANDER NAVFAC

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A/E	EFD
JH	DESIGN
DLG	DRAWN
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	QC
	CHIEF ARCH./ ENGR.
	PROJECT MANAGER
	FIRE PROTECTION
	BRANCH MANAGER
	DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

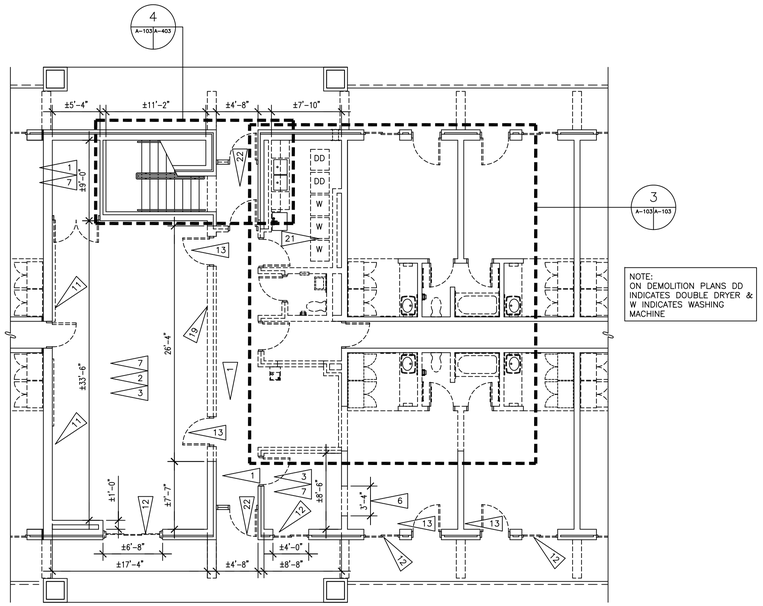
REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

ENLARGED FLOOR PLANS: CENTRAL CORE DEMOLITION & CONSTRUCTION

STA. PROJ. NO. CP1304M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12665518
SHEET 14 OF 108

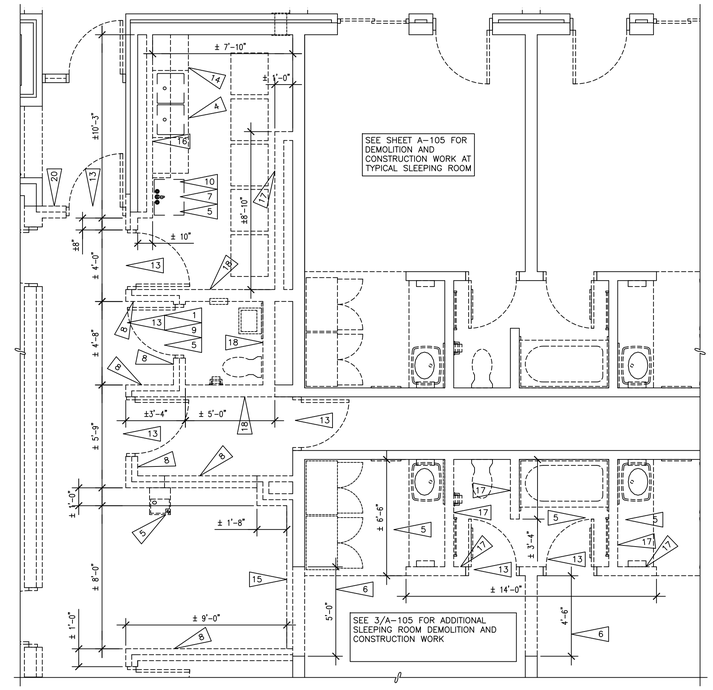
A-104

100% FINAL

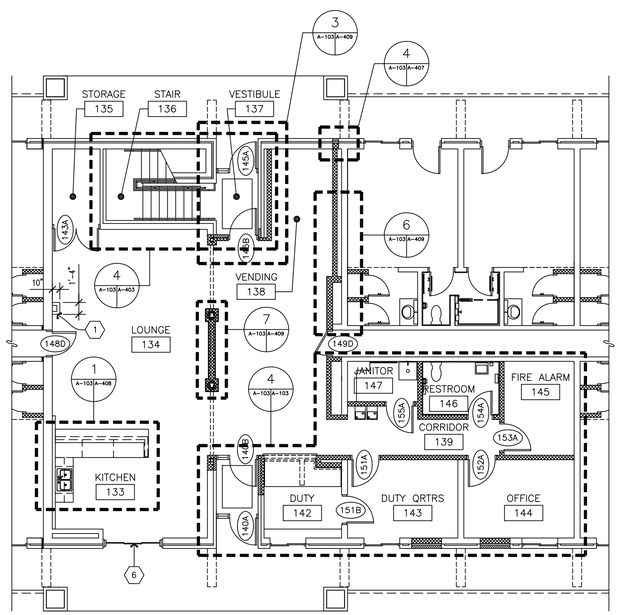


CENTRAL CORE: 1ST FLOOR
Scale: 1/8" = 1'-0"

NOTE: SEE SHEET A-409, STRUCTURAL AND PLUMBING DRAWINGS FOR EXISTING CONCRETE SLAB DEMOLITION AND CONSTRUCTION.

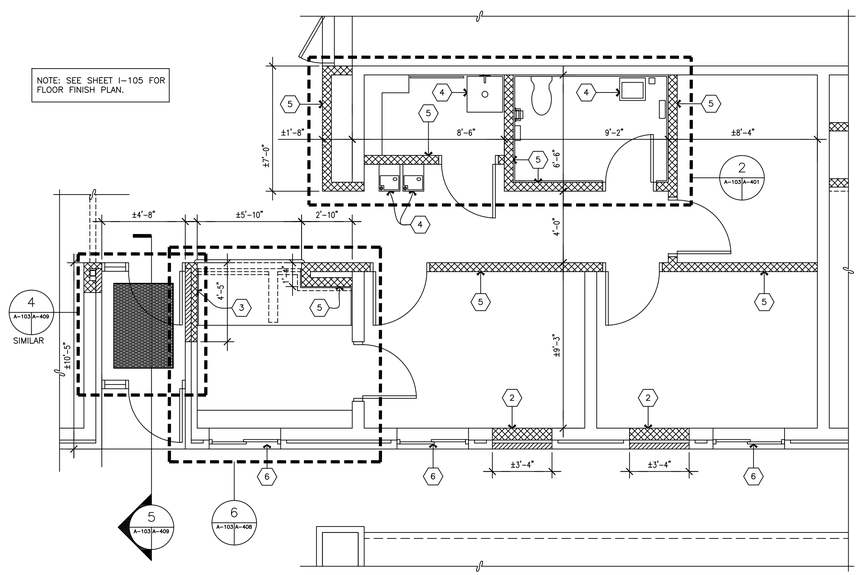


CENTRAL CORE: 1ST FLOOR
Scale: 1/4" = 1'-0"



CENTRAL CORE: 1ST FLOOR
Scale: 1/8" = 1'-0"

NOTE: SEE SHEET I-105 FOR FLOOR FINISH PLAN.



CENTRAL CORE: 1ST FLOOR
Scale: 1/4" = 1'-0"

SCALE 1/8" = 1'-0"

SCALE 1/4" = 1'-0"

GENERAL NOTES

1. PROVIDE NEW FINISHES FOR ALL SPACES PER ROOM FINISH SCHEDULE. SEE COMPREHENSIVE CONSTRUCTION FLOOR PLANS, SHEET A-102, FOR ALL ROOM NAMES. SEE FINISH SCHEDULE FOR ALL FINISH DESIGNATIONS.
2. ALL DOORS IDENTIFIED BY DOOR NUMBER ARE NEW. SEE DOOR SCHEDULE SHEET A-601 FOR SPECIFIC INFORMATION ON DOORS AND FRAMES.
3. SEE SHEET LS-101, LIFE SAFETY PLAN, FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS AND LOCATIONS OF NEW FIRE EXTINGUISHERS.
4. WHERE EXISTING LOAD BEARING ELEMENTS ARE TO BE REMOVED CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING OF EXISTING STRUCTURE UNTIL NEW LOAD BEARING ELEMENT IS IN PLACE.

KEYED DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. REMOVE EXISTING RESILIENT TILE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
2. REMOVE EXISTING RESILIENT BASE FROM EXISTING CONCRETE MASONRY WALL. CLEAN EXISTING CONCRETE MASONRY OF ALL ADHESIVE.
3. REMOVE EXISTING CARPET AND EXISTING RESILIENT TILE BENEATH. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
4. REMOVE EXISTING WALL MOUNTED WOOD SHELF. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WITH MORTAR.
5. REMOVE EXISTING PLUMBING FIXTURE(S). SEE PLUMBING DRAWINGS.
6. SAWCUT & REMOVE EXISTING 8" CONCRETE MASONRY LOAD BEARING WALL FROM EXISTING CONCRETE PLANKS ABOVE TO 8" BELOW EXISTING FLOOR SLAB – ±9'-4" HIGH. SEE SLAB DEMOLITION PLAN 1/A-409.
7. CLEAN & PREPARE EXISTING PAINTED CONCRETE MASONRY WALLS FOR NEW FINISHES.
8. REMOVE INDICATED PORTION OF EXISTING 4" THICK CONCRETE MASONRY AND 4" THICK BRICK MASONRY WALL ±8'-8" HIGH.
9. REMOVE EXISTING TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO: TOILET TISSUE DISPENSER, SOAP DISPENSER, INTEGRAL TOWEL DISPENSER / TRASH RECEPTACLE AND WALL MOUNTED MIRROR.
10. CLEAN EXISTING CONCRETE FLOOR AND PREPARE FOR NEW FLOOR FINISHES.
11. REMOVE EXISTING FABRIC DRAPERY PANELS AND ALL MOUNTING HARDWARE. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WITH MORTAR.
12. REMOVE EXISTING ALUMINUM WINDOW FROM EXISTING MASONRY OPENING. REMOVAL INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: ALUMINUM WINDOW, BLIND AND DRAPES ±4'-4" HIGH x WIDTH SHOWN IN PLAN. PREPARE MASONRY OPENING FOR NEW WINDOW INSTALLATION. SEE 1/A-603.
13. REMOVE EXISTING STEEL DOOR FRAME.
14. REMOVE EXISTING WOOD CASEWORK. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WALLS WITH MORTAR.
15. REMOVE EXISTING 4" THICK BRICK MASONRY ±8'-8" HIGH FROM FACE OF EXISTING CONCRETE MASONRY WALL.
16. REMOVE EXISTING 4" CONCRETE MASONRY WALL ±8'-8" HIGH.
17. REMOVE EXISTING 6" CONCRETE MASONRY WALL ±8'-8" HIGH.
18. REMOVE EXISTING 8" CONCRETE MASONRY WALL ±8'-8" HIGH.
19. REMOVE EXISTING 8" CONCRETE MASONRY AND 4" BRICK MASONRY LOAD-BEARING WALL FROM EXISTING CONCRETE PLANKS ABOVE DOWN TO TOP OF EXISTING FOOTING OR GRADE BEAM – ±10'-8" HIGH.
20. REMOVE EXISTING 4" CONCRETE MASONRY AND 4" BRICK MASONRY WALL ±8'-8" HIGH.
21. REMOVE EXISTING WASHERS, DRYERS, & DOUBLE DRYERS AND TURN OVER TO GOVERNMENT.
22. REMOVE EXISTING GLASS AND EXISTING STEEL STOP FROM EXISTING STEEL DOOR FRAME. SEE DOOR FRAME ELEVATIONS FOR ADDITIONAL INFORMATION.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. PROVIDE NEW PIPE CHASE CONSISTING OF IMPACT RESISTANT GYPSUM BOARD ON 3-5/8" METAL STUD FRAMING ±8'-8" HIGH. FINISH TO MATCH ADJACENT WALL.
2. PROVIDE 8" CONCRETE MASONRY AND 4" BRICK MASONRY INFILL WHERE EXISTING DOOR HAS BEEN REMOVED. PROVIDE 1" THICK RIGID INSULATION BOARD WITHIN WALL CAVITY AND HORIZONTAL JOINT REINFORCING AT 16" ON CENTER. RECESS NEW BRICK MASONRY 1/2" FROM EXISTING ROUGH OPENING. PROVIDE THRU WALL FLASHING AT BOTTOM OF WALL. EXTEND FLASHING THROUGH WALL, MINIMUM (1) COURSE ABOVE FINISH GRADE. FILL CAVITY BELOW FLASHING WITH GROUT.
3. PROVIDE NEW 8" WALL CONSISTING OF 4" CONCRETE MASONRY AND 4" BRICK MASONRY ON BREEZEWAY SIDE UP TO EXISTING STRUCTURE ±8'-8" ABOVE FINISH FLOOR. NEW BRICK MASONRY SHALL MATCH EXISTING BRICK MASONRY. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" ON CENTER. BRACE NEW WALL PER DETAIL 1/A-501.
4. PROVIDE NEW PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
5. PROVIDE NEW 6" CONCRETE MASONRY WALL UP TO EXISTING CONCRETE CEILING ±8'-8" ABOVE FINISH FLOOR BY DIMENSION SHOWN IN PLAN. BRACE NEW CONCRETE MASONRY WALLS AT TOP COURSE PER DETAIL 1/A-501.
6. PROVIDE NEW ALUMINUM WINDOW IN EXISTING MASONRY OPENING. SEE 1/A-603.

LINE TYPE LEGEND

- ITEMS TO BE REMOVED (DEMOLITION PLANS) OR ITEMS ABOVE OR BENEATH OTHER CONSTRUCTION (CONSTRUCTION PLANS). SEE ENLARGED PLANS AND KEYNOTES FOR IDENTIFICATION OF ITEMS
- EXISTING ITEMS TO REMAIN
- NEW CONCRETE MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION
- NEW BRICK MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.12.02

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
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SEAL

APPROVED

ACTIVITY – SATISFACTORY TO

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DATE

A/E	EFD
JH	DESIGN
DLG	DRAWN
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	QC
	CHIEF ARCH./ ENGR.

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

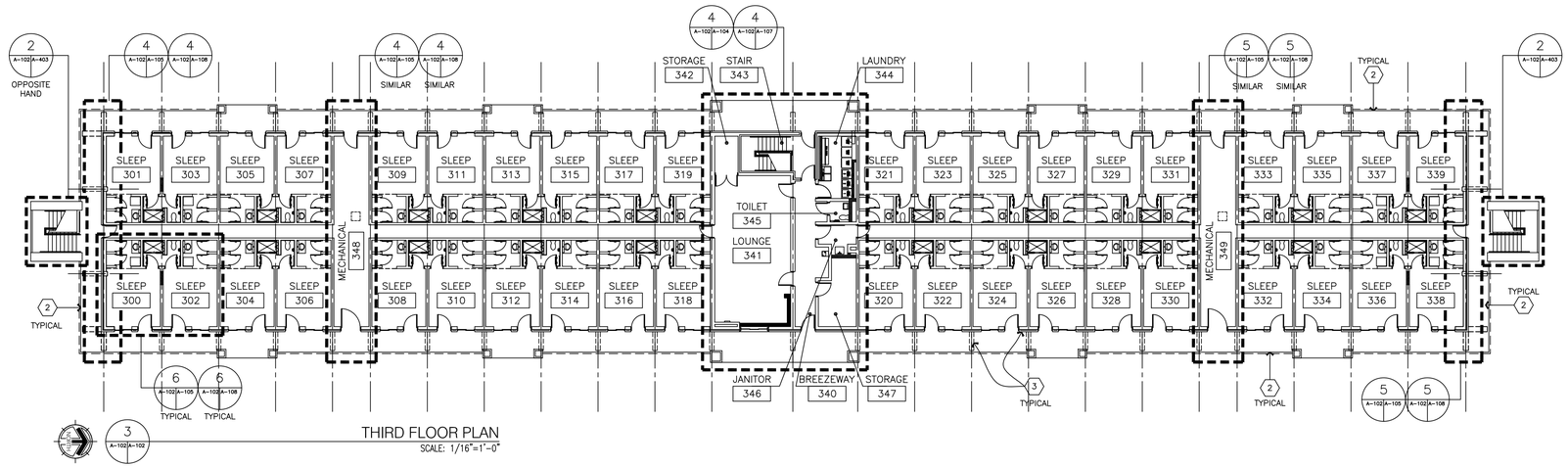
REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

ENLARGED FLOOR PLANS:CENTRAL CORE DEMOLITION & CONSTRUCTION

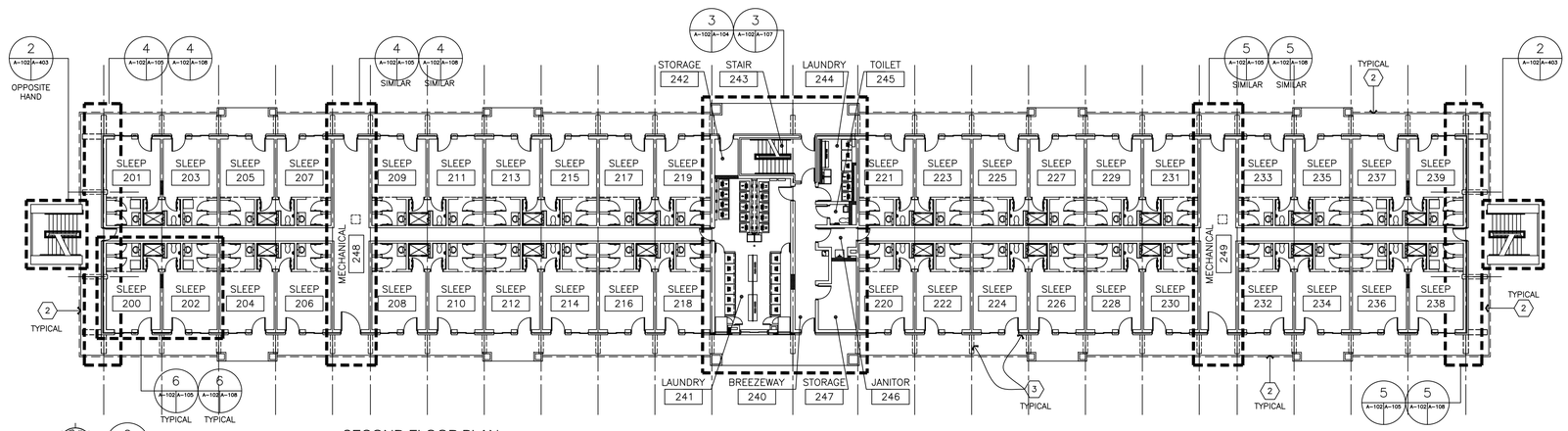
STA. PROJ. NO. CP1304M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12665517
SHEET 13 OF 108

A-103

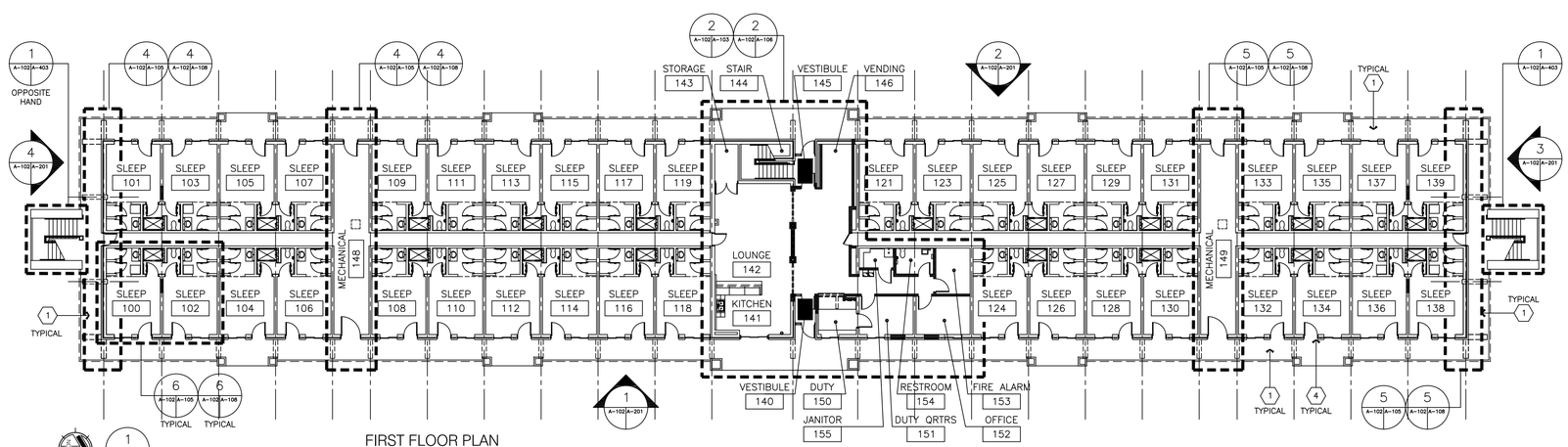
100% FINAL



THIRD FLOOR PLAN
SCALE: 1/16"=1'-0"



SECOND FLOOR PLAN
SCALE: 1/16"=1'-0"



FIRST FLOOR PLAN
SCALE: 1/16"=1'-0"

GENERAL CONSTRUCTION NOTES

1. SEE ENLARGED CONSTRUCTION PLANS AS DENOTED FOR SPECIFIC CONSTRUCTION SCOPE OF WORK AT INDICATED AREAS.
2. ASBESTOS MATERIAL AND LEAD-BASED PAINT TESTING HAS BEEN PERFORMED ON EXISTING AREAS OF WORK. SEE THE SPECIFICATION FOR ASBESTOS MATERIAL AND LEAD-BASED PAINT REPORT RESULTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE STANDARD OF CARE REGARDING THE HANDLING OF ANY MATERIALS FOUND TO BE HAZARDOUS AND THE PROTECTION OF PERSONS FROM EXPOSURE.
3. ALL MATERIALS ARE TO BE CONSIDERED NEW UNLESS SPECIFICALLY REFERRED TO AS "EXISTING".
4. SEE LS-001 AND LS-002, LIFE SAFETY CODE COMPLIANCE SUMMARY AND LS-101, LIFE SAFETY PLAN FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS.
5. ALL DOORS SHOWN ARE NEW DOORS INSTALLED IN EXISTING FRAMES UNLESS NOTED OTHERWISE. SEE ENLARGED CONSTRUCTION PLANS AND DOOR SCHEDULE FOR NUMBERING AND IDENTIFICATION OF NEW DOORS.
6. POWERWASH ALL EXISTING CONCRETE WALKING SURFACES WHICH REMAIN, ENTIRE BUILDING INCLUDING STAIR RISERS AND TREADS. PREPARE SURFACES FOR SEALER APPLICATION OR RETROFIT STAIR TREAD INSTALLATION WHERE INDICATED.
7. PROVIDE NEW PAINT FINISH ON ALL PREVIOUSLY PAINTED INTERIOR AND EXTERIOR SURFACES UNLESS OTHERWISE NOTED. SEE FINISH SCHEDULE FOR INTERIOR FINISH DESIGNATIONS.
8. PROVIDE CONCRETE PATCHING TO DAMAGED AND/OR SPALLED AREAS OF EXISTING PRECAST CONCRETE BALCONY PLANKS AND EXISTING REINFORCED OUTRIGGERS. SPECIFIC AREAS FOR REPAIR ARE NOT IDENTIFIED, BUT REPAIRS ARE TYPICALLY REQUIRED AT THE UPPER EDGES OF THE OUTRIGGERS (WHERE THE PLANKS ABOVE BEAR ON THEM) AND AT THE CHAMFERED EDGES. SEE SHEET A-406 FOR TYPICAL REPAIR PROCEDURE AND PHOTOGRAPHS OF TYPICAL CONDITIONS TO BE FOUND. APPROXIMATELY (25) AREAS OF REPAIR HAVE BEEN IDENTIFIED.
9. SEE SHEET A-101 FOR OVERALL BUILDING DIMENSIONS.
10. SEE LS-101 FOR NEW FIRE EXTINGUISHER LOCATIONS.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. EXISTING CONCRETE SIDEWALK UNLESS OTHERWISE NOTED. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
2. PROVIDE NEW PAINT FINISH AT EXISTING PAINTED STEEL BALCONY GUARDRAILS.
3. PROVIDE BACKER ROD AND SEALANT AT JOINT LOCATED BETWEEN THE EXISTING CONCRETE BALCONY PLANKS AND EXISTING BRICK MASONRY WALL AND AT JOINTS LOCATED BETWEEN THE EXISTING CONCRETE PLANKS, ENTIRE BUILDING PERIMETER. SEE 4/A-406 AND 5/A-406 FOR ADDITIONAL INFORMATION.
4. PROVIDE BACKER ROD AND SEALANT AT JOINT LOCATED AT EXISTING CONCRETE SLAB AND EXISTING BRICK MASONRY WALL, ENTIRE BUILDING PERIMETER. SEE 4/A-406 FOR ADDITIONAL INFORMATION.

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.12.02

0 5' 10' 20' 30'
SCALE 1/16"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
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SEAL

APPROVED
ACTIVITY – SATISFACTORY TO
DATE
APPROVED
FOR EFD FOR COMMANDER NAVFAC
DATE

A/E		EFD
JH	DESIGN	
DLG	DRAWN	
RTB	REVIEW	
	QC	
	CHIEF ARCH/ ENGR.	

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

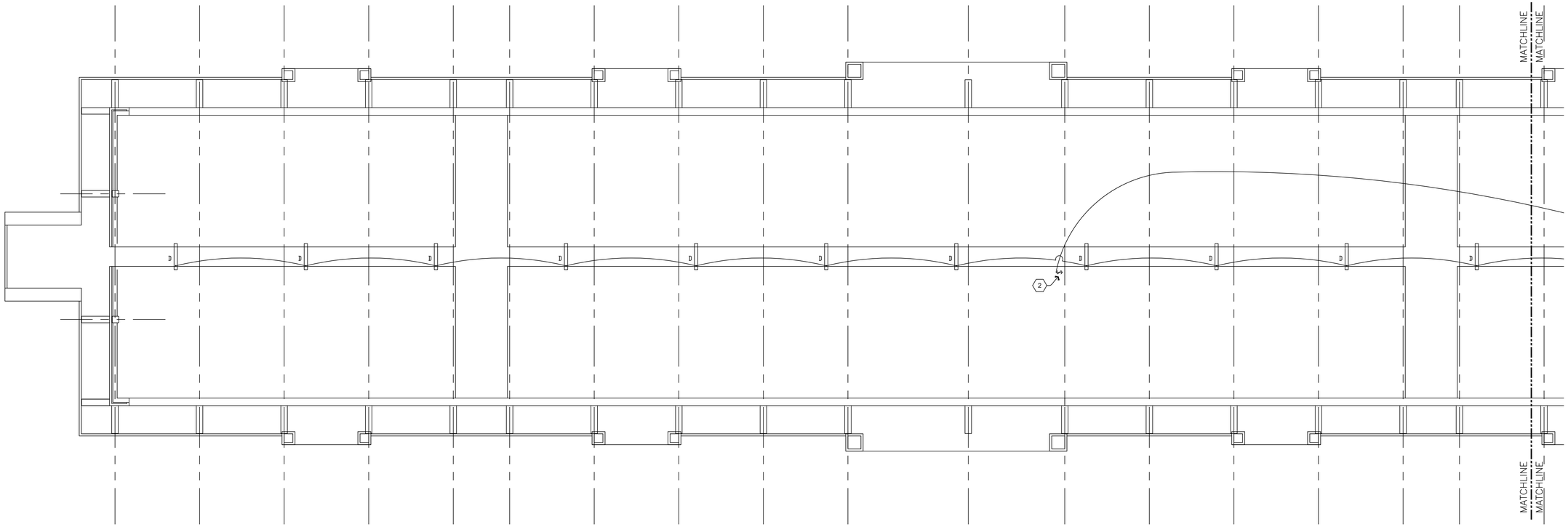
REPAIRS TO BEQ 4169
MCAS CHERRY POINT, NC

COMPREHENSIVE FLOOR PLANS: CONSTRUCTION

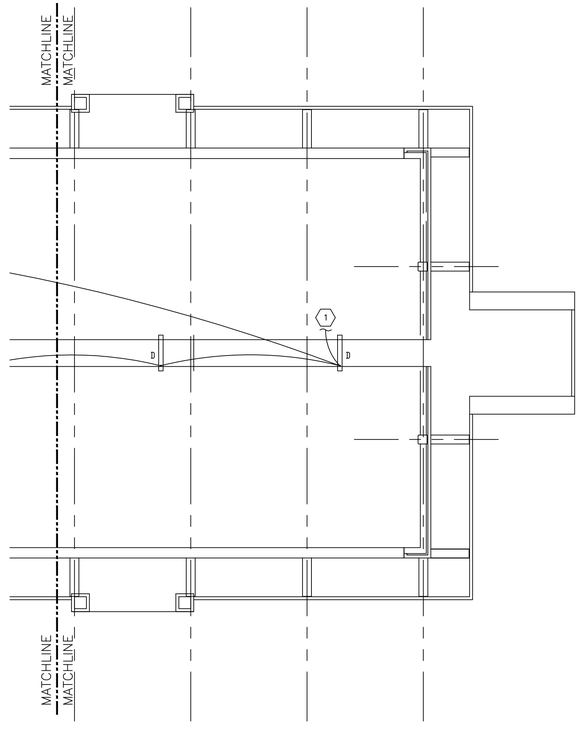
STA. PROJ. NO. CP1304M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12665516
SHEET 12 OF 108

A-102

100% FINAL



1 E-107 ATTIC CONSTRUCTION : LIGHTING
SCALE: 1/8"=1'-0"



NOTES

1. INDIVIDUAL BRANCH CIRCUITS ARE SHOWN WITH A DEDICATED NEUTRAL UNLESS INDICATED OTHERWISE. WHEN MULTIWIRE BRANCH CIRCUITS ARE TO BE INSTALLED, PROVIDE MULTIPOLE CIRCUIT BREAKERS PER NEC 210.4(B).
2. SEE VOLTAGE DROP SCHEDULE ON DETAILS SHEET FOR WIRE SIZING INFORMATION FOR ALL BRANCH CIRCUITS OVER 65' IN LENGTH.
3. ALL RECEPTACLES WITHIN 6 FEET FROM THE OUTSIDE EDGE OF ANY SINK SHALL BE GFI PER NEC 210.8(B)(5).
4. CONTRACTOR SHALL INCLUDE DEMOLISHING ALL EXISTING ATTIC LIGHTS IN LOCATION SHOWN FOR NEW LIGHTS AND REPLACING WITH NEW LIGHTS AS SHOWN.

PLAN NOTES:

1. CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.
2. COORDINATE SWITCH LOCATION WITH ATTIC ACCESS PANEL.

WALL TYPES
REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

AS-BUILT

RECORD DRAWING
LETTER DATED
2016.10.21

0 5' 10' 20'
SCALE 1/8" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:

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ACTIVITY - SATISFACTORY TO

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FOR EFD FOR COMMANDER NAVFAC

DATE

A/E		EFD
MGF	DESIGN	
CDA	DRAWN	
MGF	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	
	PROJECT MANAGER	
	FIRE PROTECTION	
	BRANCH MANAGER	
	DESIGN DIRECTOR	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

ATTIC PLAN - LIGHTING

STA. PROJ. NO. CP1302M

SPEC. NO.

CONSTR. CONTR. NO.

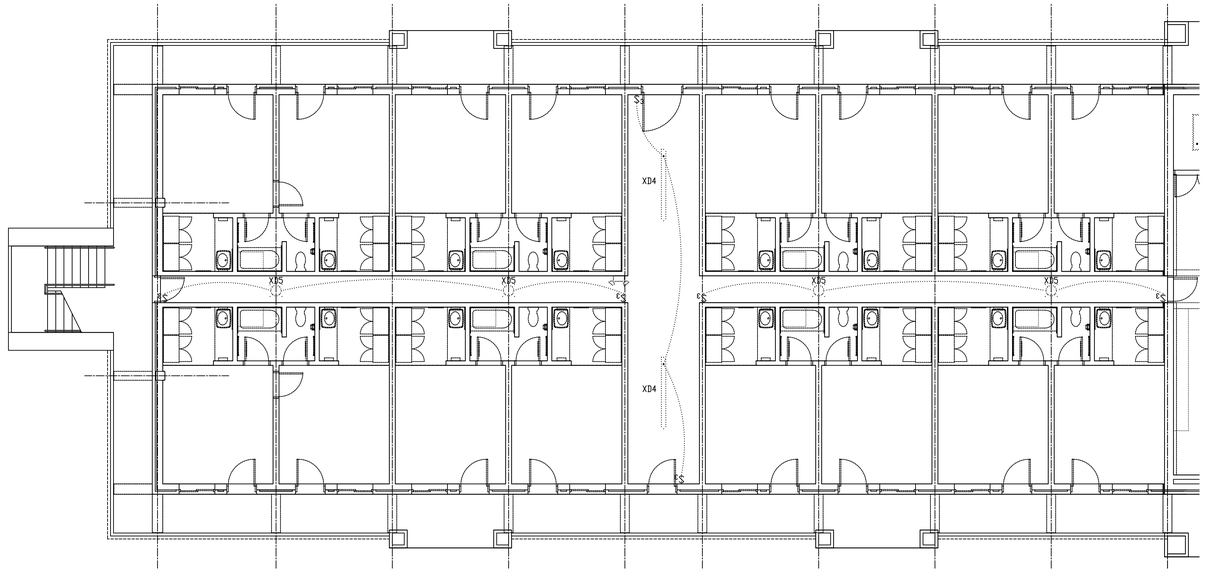
NAVFAC DRAWING NO.
12647653

SHEET 98 OF 101

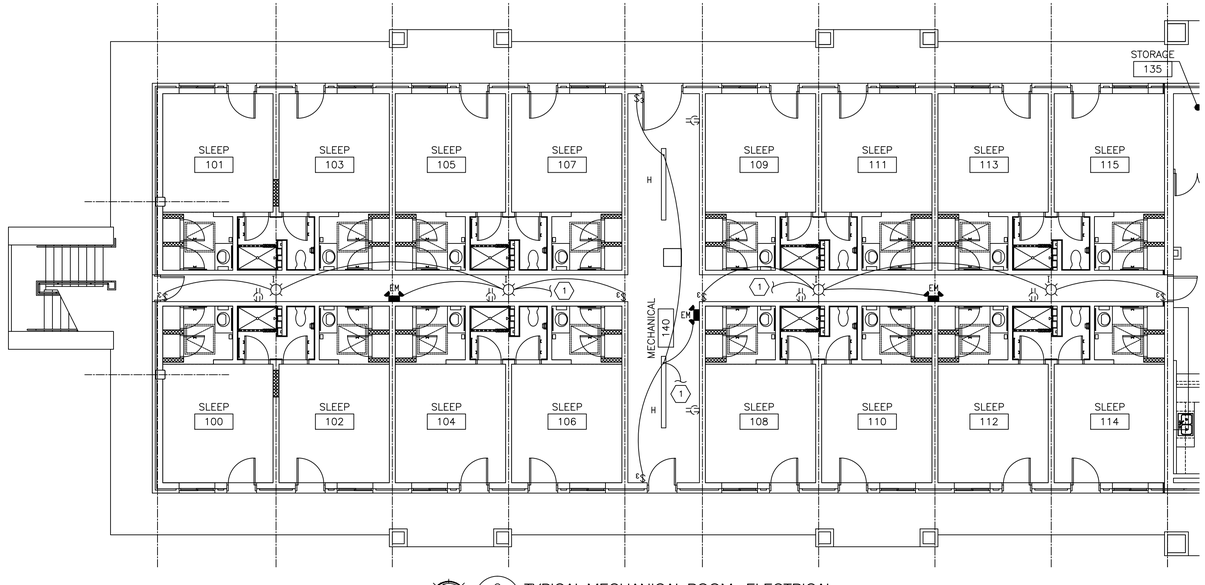
E-107

AS-BUILT

RECORD DRAWING
LETTER DATED
2016.10.21



1 E-106 TYPICAL MECHANICAL ROOM DEMOLITION : ELECTRICAL
SCALE: 1/8"=1'-0"



2 E-106 TYPICAL MECHANICAL ROOM : ELECTRICAL
SCALE: 1/8"=1'-0"

NOTES

1. THE TYPICAL MECHANICAL ROOM ELECTRICAL AND ELECTRICAL DEMOLITION PLANS ARE REPRESENTATIVE OF ALL BUILDING MECHANICAL ROOMS (2 PER FLOOR FOR 3 FLOORS FOR A TOTAL OF 6). SEE BUILDING KEY PLAN.

PLAN NOTES:

(1) CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.

WALL TYPES

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 5' 10' 20'
SCALE 1/8"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:

GRENSHAW CONSULTING GROUP, INC.
NC LICENSE #C-1658
3016 Tech Drive, Suite 200
Raleigh, North Carolina 27609
919-571-0370 Fax 571-0369

SEAL

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ACTIVITY – SATISFACTORY TO

DATE

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FOR EFD FOR COMMANDER NAVFAC

DATE

A/E		EFD
MGF	DESIGN	
CDA	DRAWN	
MGF	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

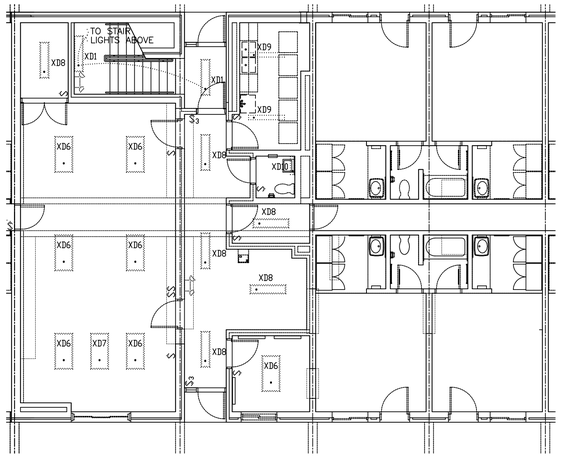
CHASE PLANS - LIGHTING

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647652
SHEET 97 OF 101

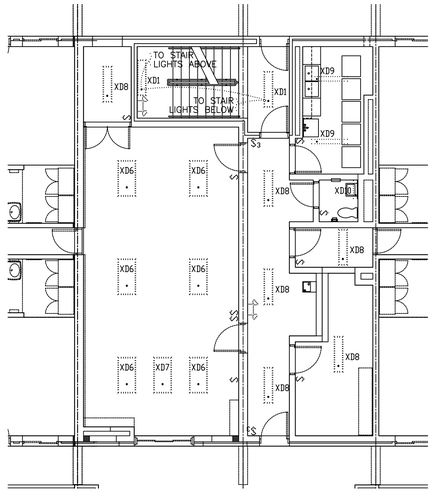
E-106

RECORD DRAWING
LETTER DATED
2016.10.21

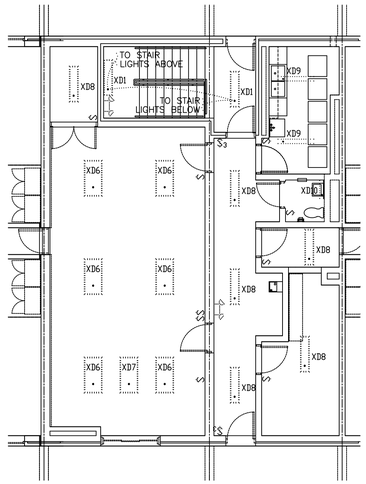
AS-BUILT CONDITIONS SHOWN



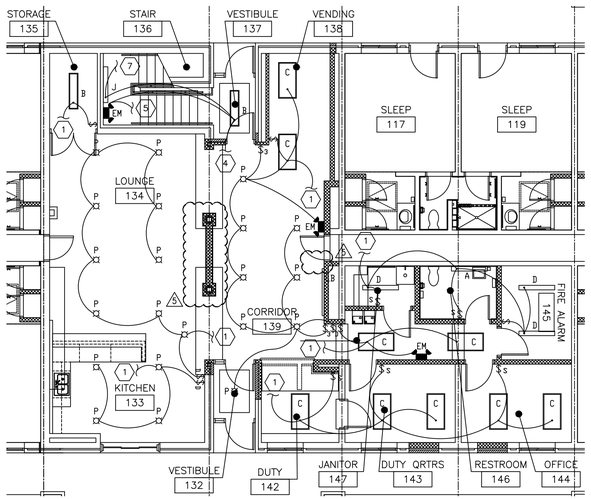
1 E-105 CENTRAL CORE DEMOLITION : 1ST FLOOR LIGHTING
SCALE: 1/8"=1'-0"



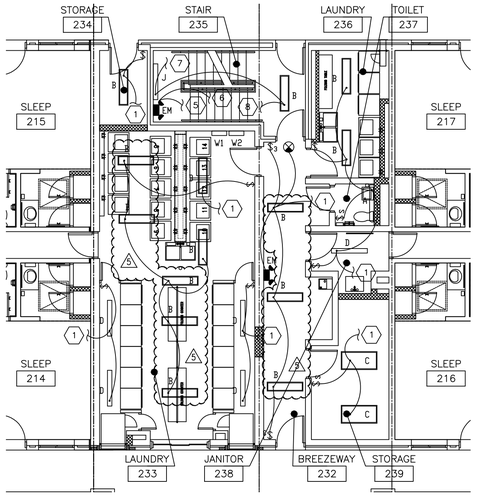
2 E-105 CENTRAL CORE DEMOLITION : 2ND FLOOR LIGHTING
SCALE: 1/8"=1'-0"



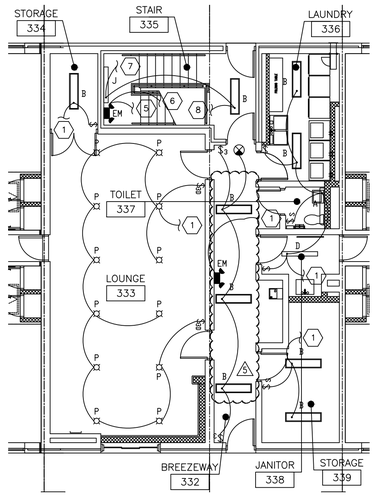
3 E-105 CENTRAL CORE DEMOLITION: 3RD FLOOR LIGHTING
SCALE: 1/8"=1'-0"



4 E-105 CENTRAL CORE CONSTRUCTION: 1ST FLOOR LIGHTING
SCALE: 1/8"=1'-0"



5 E-105 CENTRAL CORE CONSTRUCTION: 2ND FLOOR LIGHTING
SCALE: 1/8"=1'-0"



6 E-105 CENTRAL CORE CONSTRUCTION: 3RD FLOOR LIGHTING
SCALE: 1/8"=1'-0"

NOTES

1. INDIVIDUAL BRANCH CIRCUITS ARE SHOWN WITH A DEDICATED NEUTRAL UNLESS INDICATED OTHERWISE. WHEN MULTIWIRE BRANCH CIRCUITS ARE TO BE INSTALLED, PROVIDE MULTIPOLE CIRCUIT BREAKERS PER NEC 210.4(B).
2. SEE VOLTAGE DROP SCHEDULE ON DETAILS SHEET FOR WIRE SIZING INFORMATION FOR ALL BRANCH CIRCUITS OVER 65' IN LENGTH.
3. ALL RECEPTACLES WITHIN 6 FEET FROM THE OUTSIDE EDGE OF ANY SINK SHALL BE GFI PER NEC 210.8(B)(5).
4. THE CONTRACTOR SHALL INCLUDE DEMOLISHING LIGHTS IN THE INDICATED CORE AREAS OF WORK AS REQUIRED FOR THE CEILING REWORK. NEW LIGHTS TO BE PROVIDED AS INDICATED.

PLAN NOTES:

1. CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.
2. NOT USED.
3. NOT USED.
4. CONTRACTOR SHALL CONNECT NEW LIGHTS TO EXISTING 120/1 CIRCUIT CURRENTLY SERVING EXISTING LIGHTS IN THIS AREA. CONTRACTOR SHALL VERIFY THAT BREAKER FEEDING STAIR LIGHTS IS LOCKED. CONTRACTOR SHALL VERIFY THAT TOTAL WATTAGE ON ANY CIRCUIT DOES NOT EXCEED 1,920 WATTS.
5. TO EMERGENCY WALLPACK ABOVE.
6. TO EMERGENCY WALLPACK BELOW.
7. TO STAIR LIGHTS ABOVE.
8. TO STAIR LIGHTS BELOW.

WALL TYPES

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 5' 10' 20'
SCALE 1/8" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
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Xref MGF-2015-06-22.d

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	CHIEF ARCH./ ENGR.
	PROJECT MANAGER
	FIRE PROTECTION
	BRANCH MANAGER
	DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
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MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

CORE PLANS - LIGHTING

STA. PROJ. NO. CP1302M

SPEC. NO.

CONSTR. CONTR. NO.

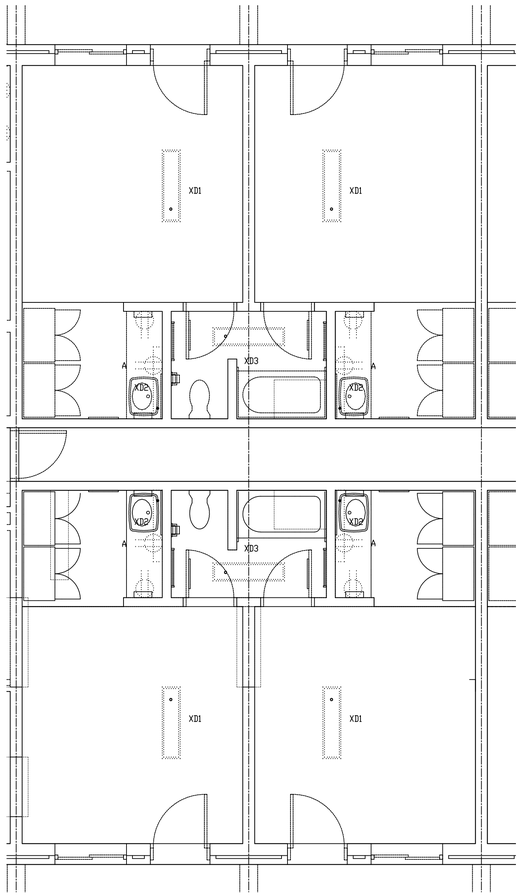
NAVFAC DRAWING NO.
12647651

SHEET 96 OF 101

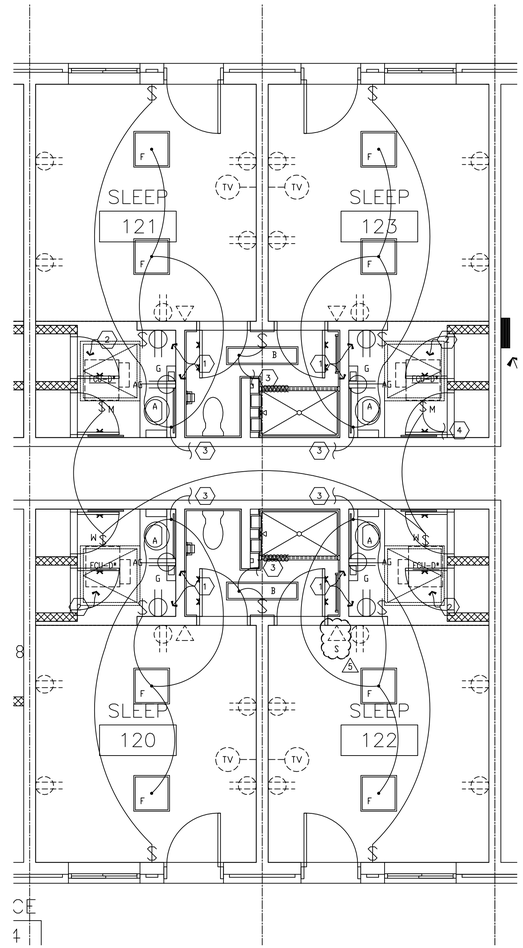
E-105

RECORD DRAWING
LETTER DATED
2016.10.21

AS-BUILT CONDITIONS SHOWN



1 E-103 TYPICAL SLEEPING ROOM DEMOLITION: ELECTRICAL
SCALE: 1/4"=1'-0"



2 E-103 TYPICAL SLEEPING ROOM CONSTRUCTION: ELECTRICAL
SCALE: 1/4"=1'-0"

NOTES

1. INDIVIDUAL BRANCH CIRCUITS ARE SHOWN WITH A DEDICATED NEUTRAL UNLESS INDICATED OTHERWISE. WHEN MULTIWIRE BRANCH CIRCUITS ARE TO BE INSTALLED, PROVIDE MULTIPOLE CIRCUIT BREAKERS PER NEC 210.4(B).
2. SEE VOLTAGE DROP SCHEDULE ON DETAILS SHEET FOR WIRE SIZING INFORMATION FOR ALL BRANCH CIRCUITS OVER 65' IN LENGTH.
3. ALL RECEPTACLES WITHIN 6 FEET FROM THE OUTSIDE EDGE OF ANY SINK SHALL BE GFI PER NEC 210.8(B)(5).
4. IT IS NOTED THAT ALL SLEEPING ROOMS ARE IDENTICAL UNLESS OTHERWISE NOTED, BUT IN SOME CASES ARE REVERSED.
5. ALL EXISTING RECEPTACLES AND SWITCHES IN SLEEPING ROOMS AND PUBLIC AREAS SHALL BE REPLACED WITH NEW RECEPTACLES AND NEW COVER PLATES. RECONNECT TO EXISTING CIRCUIT CURRENTLY SERVING DEVICE.
6. TELECOMM OUTLETS ARE SURFACE MOUNTED IN SLEEPING ROOMS 208, 210, 212, 214, 224, 226, 228, 230, 301, 308, 310, 312, 314, 330, 324, 326, AND 328. 5

PLAN NOTES:

1. REMOVE EXISTING RECEPTACLES AND PROVIDE NEW GFI RECEPTACLES AND RECONNECT TO EXISTING CIRCUIT.
2. CONNECT FAN COIL UNIT. COORDINATE WITH MECHANICAL.
3. CONNECT TO EXISTING CIRCUIT CURRENTLY FEEDING LIGHTS IN THIS LOCATION.
4. REFER TO ELECTRICAL PANEL SCHEDULES FOR CORRESPONDING CIRCUIT NUMBERS FOR EACH SET OF SLEEP ROOMS.

WALL TYPES

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 1' 2' 3' 4' 5' 10'
SCALE 1/4" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
GRENSHAW CONSULTING GROUP, INC.

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MGF	DESIGN	
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	CHIEF ARCH./ ENGR.	

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
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DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

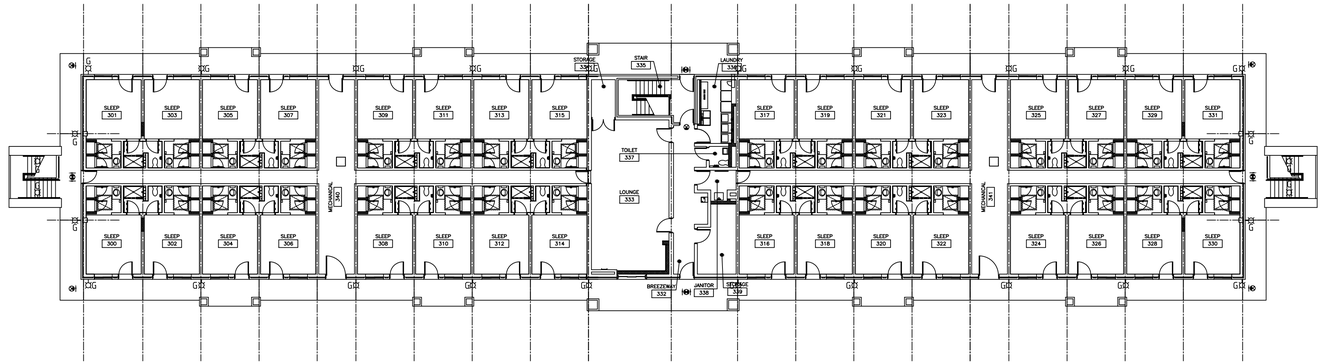
SLEEPING ROOM PLANS - ELECTRICAL

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647649
SHEET 94 OF 101

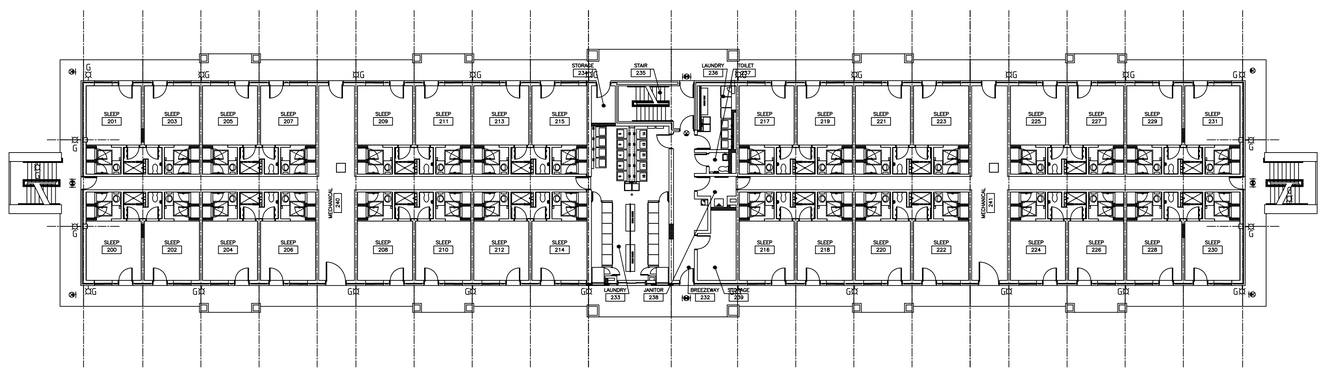
E-103

AS-BUILT

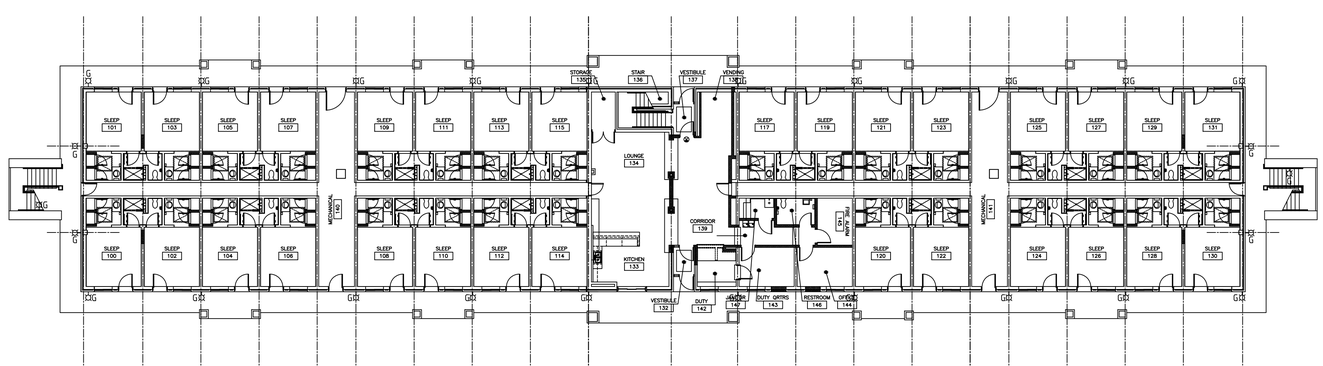
RECORD DRAWING
LETTER DATED
2016.10.21



3 E-101/E-101 THIRD FLOOR CONSTRUCTION: BUILDING KEY PLAN
SCALE: 1/16"=1'-0"



2 E-101/E-101 SECOND FLOOR CONSTRUCTION: BUILDING KEY PLAN
SCALE: 1/16"=1'-0"



1 E-101/E-101 FIRST FLOOR CONSTRUCTION: BUILDING KEY PLAN
SCALE: 1/16"=1'-0"

NOTES

1. ALL EXTERIOR WALL LIGHT FIXTURES ARE TO BE TYPE 'G' AND ARE TO REPLACE THE EXISTING LIGHT FIXTURES, WHICH ARE TO BE REMOVED BY THE CONTRACTOR. NEW FIXTURES ARE LESS WATTAGE THAN EXISTING FIXTURES. PROVIDE NEW FIXTURES AND CONNECT TO EXISTING CIRCUIT CURRENTLY FEEDING EXISTING FIXTURES.
2. ALL EXTERIOR EXIT SIGNS (FIXTURES) ARE NEW, AND ARE TO REPLACE THE EXISTING EXIT SIGNS (FIXTURES), WHICH ARE TO BE REMOVED BY THE CONTRACTOR. PROVIDE NEW EXIT SIGNS AND CONNECT TO EXISTING CIRCUIT CURRENTLY FEEDING EXISTING FIXTURES.

WALL TYPES

REFER TO ARCHITECTURAL SHEETS FOR MORE INFORMATION ON RATINGS AND ADDITIONAL RATED CONSTRUCTIONS INCLUDING COLUMNS WHERE APPLICABLE. PROTECT ALL RATED CONSTRUCTIONS PER U.L. REQUIREMENTS. SEE PENETRATION DETAILS FOR FURTHER INFORMATION.

0 5' 10' 20' 30'
SCALE 1/16"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:

GRENSHAW CONSULTING GROUP, INC.
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PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

BUILDING KEY PLANS - UNIT TYPES

STA. PROJ. NO. CP1302M

SPEC. NO.

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12647647

SHEET 92 OF 101

E-101

REMOVE ALL EXISTING OUTLET AND SWITCH DEVICES AND COVER PLATES AND PROVIDE NEW GRAY DEVICES WITH STAINLESS STEEL COVER PLATES. ALL NEW DEVICES SHALL BE GRAY WITH STAINLESS STEEL COVER PLATES. DEVICES SHOWN EXISTING TO REMAIN ARE TO INDICATE AN EXISTING UNCHANGING LOCATION, BUT THE DEVICES AND COVER PLATES ARE TO BE REMOVED AND NEW PROVIDED THROUGHOUT AS NOTED.

RECORD DRAWING
LETTER DATED
2016.10.21

AS-BUILT CONDITIONS SHOWN

ELECTRICAL LEGEND

PLANS

SYMBOLS SHOWN BELOW ARE TO INDICATE NEW DEVICES OR NEW LOCATIONS OF EXISTING DEVICES. SEE LINETYPE LEGEND FOR DISTINCTION OF EXISTING DEVICES TO REMAIN AND DEMOLITION DEVICES.

HOME RUN TO PANEL
BRANCH CIRCUIT — MINIMUM SIZE PER CKT BKR

$ — SINGLE POLE WALL SWITCH
$3 — 3-WAY WALL SWITCH
$4 — 4-WAY WALL SWITCH
} 44" A.F.F. OR AS NOTED

SEE MOTION SENSOR LEGEND FOR THIS AND OTHER SWITCH TYPES.

ALL DUPLEX AND QUAD RECEPTACLES SHALL BE NEMA 5-20R UNLESS NOTED OTHERWISE.

DUPLEX RECEPTACLE
ISOLATED GROUND DUPLEX
POWER RECEPTACLE
QUAD RECEPTACLE
} 16" A.F.F. OR AS NOTED

TELECOMMUNICATIONS WALL OUTLET – 16" A.F.F. OR AS NOTED (RUN 1" EMT TO ACCESSIBLE PATHWAY OR CABLE TRAY) PROVIDE PULL WIRE, OUTLETS, BUSHINGS, AND CABLES. SEE COMMUNICATIONS OUTLET DETAIL FOR MORE INFORMATION.

TV — TELEVISION WALL OUTLET – 16" A.F.F. RUN RG6 IN 3/4" EMT TO TELEPHONE BACKBOARD OR AS INDICATED ON PLANS.

J — JUNCTION BOX

TELEPHONE BACKBOARD – 4'x8'x3/4" FIRE-TREATED PLYWOOD. PAINT GRAY – PULL #6 GROUND WIRE AND TERMINATE WITH 1/4"x2"x12" GROUND BAR WITH HOLES EVERY 1". MOUNT TO BACKBOARD WITH STAND-OFF INSULATORS.

DISCONNECT SWITCH – FUSIBLE

$M — MOTOR SWITCH

$D — SLIDE TYPE DIMMER SWITCH APPROPRIATE FOR LOAD SERVED – 44" AFF

ELECTRICAL TRANSFORMER

ELECTRICAL PANEL

} OVERHEAD FIXTURE OR AS NOTED. SEE FIXTURE SCHEDULE

} DOWNLIGHT / PENDANT STYLE. SEE FIXTURE SCHEDULE.

WALL MOUNT. SEE FIXTURE SCHEDULE.

FLOOD / TRACK HEAD STYLE. SEE FIXTURE SCHEDULE.

POLE FIXTURE. SEE FIXTURE SCHEDULE.

EXIT SIGN, FACES AND ARROWS AS INDICATED. SEE FIXTURE SCHEDULE.

EMERGENCY FIXTURE. SEE FIXTURE SCHEDULE.

COMBO EMERGENCY / EXIT FIXTURE. SEE FIXTURE SCHEDULE.

} SLASHES OR HALF SHADING INDICATE FIXTURES CONNECTED AHEAD OF ALL SWITCHING TO OPERATE AS NIGHT LIGHTS (FIXTURES WILL BE ON 24/7)

DETAILS

A — ELECTRICAL PANEL OR AS NOTED

C.T. — C.T. CABINET

M — METER BASE AND METER

200/3 — FRAME SIZE
200A — FUSE SIZE
FUSIBLE DISCONNECT, FRAME AND FUSE SIZE AS INDICATED.

T — DESIGNATION
112.5 — KVA RATING
TRANSFORMER, SIZE AND DESIGNATION AS NOTED. PRIMARY VOLTAGE AS NOTED FOR PRIMARY FEED. SECONDARY VOLTAGE AS NOTED FOR LOAD SUPPLIED.

20X4 — CONTACTOR, AMPACITY / POLES AS INDICATED

T.C. — TIMECLOCK

SPD — SURGE PROTECTIVE DEVICE

SERVICE GROUND

LINETYPES

NEW DEVICE OR RELOCATED EXISTING DEVICE.
EXISTING DEVICE TO REMAIN.
EXISTING DEVICE TO BE DEMOLISHED OR RELOCATED.
NEW UNDERGROUND OR UNDERSLAB CONNECTION. EXISTING AND DEMO UNDERGROUND IS NOTED WITH EXISTING OR DEMO LINETYPE. NEW CONNECTIONS NOT SPECIFICALLY SHOWN WITH UNDERGROUND LINETYPE ARE NOT NECESSARILY REQUIRED TO BE RUN OVERHEAD UNLESS NOTED AS SUCH.
LOW VOLTAGE WIRING

SEE WALL RATING LEGEND FOR WALL TYPES AND SYMBOLS.

EXAMPLES OF EXISTING AND DEMO SYMBOLS USING LINETYPES ABOVE

EXISTING DUPLEX RECEPTACLE TO REMAIN.
EXISTING PANEL TO REMAIN.
EXISTING SWITCH TO REMAIN.
EXISTING DUPLEX RECEPTACLE TO BE DEMOLISHED OR RELOCATED.
EXISTING PANEL TO BE DEMOLISHED OR RELOCATED.
XM — EXISTING FLUORESCENT FIXTURE TO BE DEMOLISHED OR RELOCATED.
EXISTING SWITCH TO BE DEMOLISHED OR RELOCATED.

ELECTRICAL ABBREVIATIONS

A	INDICATES A DEVICE IS TO BE MOUNTED WITH BOTTOM OF BOX 1 1/2" ABOVE BACKSPLASH UNLESS NOTED OTHERWISE.
AFF	ABOVE FINISHED FLOOR
AG	COMBINATION OF 'A' AND 'G'
ARCH	ARCHITECT
C	INDICATES A DEVICE IS TO BE FLUSH MOUNTED IN CEILING TILE.
EC	ELECTRICAL CONTRACTOR
EX.	EXISTING
EXT.	EXTERIOR
FA	FIRE ALARM
FAH	FAHRENHEIT
FURN	FURNITURE
G	INDICATES A DEVICE WITH INTEGRAL GROUND FAULT INTERRUPTER (GFI) PROTECTION.
GFI	SAME AS 'G'
IG	DEVICE SHALL HAVE ISOLATED GROUND AND WILL REQUIRE ISOLATED GROUND CIRCUITRY.
J.B.	JUNCTION BOX
MC	MC CABLE (WHEN REFERENCING NEC WIRING METHODS OR TYPE.)
MC OR	MECHANICAL CONTRACTOR (WHEN NOT REFERENCING NEC WIRING METHODS TYPE.)
MECH	MECHANICAL CONTRACTOR
NTS	NOT TO SCALE
OC	ON CENTER
PC	PLUMBING CONTRACTOR
PLUMB	PLUMBING CONTRACTOR
PROV	PROVIDED BY
S	INDICATES DEVICE IS TO BE SURFACE MOUNTED.
TP	TAMPER PROOF DEVICE. DEVICE SHALL BE APPROVED FOR USE IN AREA SHOWN (CHILD CARE ETC.)
W/	WITH
WP	INDICATES A DEVICE THAT IS WEATHER-PROOF AND RATED FOR EXTERIOR TEMPERATURES.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

SYMBOL	REMARKS	FURN. BY	KVA	HP	VOLTS	F.L.A.	M.C.A.	DISC. SW. SIZE	DISC. SW. NEMA	DISC. SW. PROV.	CIR. BKR. OR FUSE SIZE	AWG SIZE	GND. WIRE SIZE	CONDUIT SIZE
FCU-D1	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	$M	1	ELEC.	15/1	2-#12	#12	3/4"
FCU-D2	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	$M	1	ELEC.	15/1	2-#12	#12	3/4"
FCU-C1	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	$M	1	ELEC.	15/1	2-#12	#12	3/4"
FCU-C2	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	$M	1	ELEC.	15/1	2-#12	#12	3/4"
FCU-C3	FAN COIL UNIT	MECH.	0.35	–	120/1	3.1	–	$M	1	ELEC.	15/1	2-#12	#12	3/4"
DOAS-1	OUTSIDE AIR UNIT	MECH.												
–	SUPPLY FAN		5.4	–	208/3	–	14.9	30/3	1	ELEC.	25/3	4-#10	#10	3/4"
–	EXHAUST FAN		3.1	–	208/3	–	8.7	30/3	1	ELEC.	15/3	4-#12	#12	3/4"
–	ENERGY WHEEL		0.5	–	208/3	–	1.5	30/3	1	ELEC.	15/3	4-#12	#12	3/4"
–	MISC.		1.6	–	120/1	–	13.3	$M	1	ELEC.	20/1	2-#12	#12	3/4"
DOAS-2	OUTSIDE AIR UNIT	MECH.												
–	SUPPLY FAN		8.5	–	208/3	–	23.5	60/3	1	ELEC.	40/3	4-#8	#10	3/4"
–	EXHAUST FAN		5.4	–	208/3	–	14.9	30/3	1	ELEC.	25/3	4-#10	#10	3/4"
–	ENERGY WHEEL		0.5	–	208/3	–	1.5	30/3	1	ELEC.	15/3	4-#12	#12	3/4"
–	MISC.		1.6	–	120/1	–	13.3	$M	1	ELEC.	20/1	2-#12	#12	3/4"
CHP-1	CH. WATER PUMP	MECH.	3.8	3	208/3	10.5	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
CHP-2	CH. WATER PUMP	MECH.	3.8	3	208/3	10.5	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
HWP-1	HOT WATER PUMP	MECH.	2.1	1.5	208/3	5.8	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
HWP-2	HOT WATER PUMP	MECH.	2.1	1.5	208/3	5.8	–	30/3	1	ELEC.	20/3	4-#12	#12	3/4"
SWCP-1	CH. WATER PUMP	MECH.	6.1	5	208/3	16.9	–	30/3	1	ELEC.	25/3	4-#10	#10	3/4"
SWCP-2	CH. WATER PUMP	MECH.	6.1	5	208/3	16.9	–	30/3	1	ELEC.	25/3	4-#10	#10	3/4"
EF-1	EXHAUST FAN	MECH.	1.1	0.5	208/1	5.4	–	30/2	1	ELEC.	15/2	3-#12	#12	3/4"

BREAKER SIZES FOR ALL EQUIPMENT SIZED AT MOCP WHERE APPLICABLE.
ALL DISCONNECTS FOR EQUIPMENT SHALL BE OF FUSIBLE TYPE AND SHALL BE FUSED AS INDICATED.

LIGHT FIXTURE SCHEDULE

DESIGNATION	MANUFACTURER	DESCRIPTION	VOLTAGE	BALLAST TYPE/ QUANTITY	NUMBER/TYPE LAMPS	TOTAL WATTS
A	TO BE DETERMINED	VANITY LIGHT	120/1	1-ELECTRONIC	2-F28T8841	64
B	LITHONIA #LBN-2-32-MVOLT	BATHROOM LIGHT	120/1	1-ELECTRONIC	2-F28T8841	64
C	LITHONIA #2GT8-3-32-A12-GEB	2X4 FLUOR. PRISMATIC	120/1	1-ELECTRONIC	3-F28T8841	95
D	LITHONIA #C-2-32	4' FLUOR. UTILITY STRIP	120/1	1-ELECTRONIC	2-F28T8841	64
F	LITHONIA #M-2-17-A12125	2X2 FLUOR. SURFACE-MOUNT	120/1	1-ELECTRONIC	2-17W T8	37
G	KENALL #M013BL-PIA-DB-18L50K-LEL	EXTERIOR WALL FIXTURE	120/1	N/A	1-LED MODULE	20
H	LITHONIA #TC-2-32-MVOLT	8' FLUORESCENT STRIP	120/1	1-ELECTRONIC	4-F32T8	112
I	SPECTRUM LIGHTING #WJ1CF-26-EX-FJ2WL-WG2 -CP106-SI	FLUORESCENT WALL SCONCE	120/1	1-ELECTRONIC	1-26W DTT	29
J	LITHONIA #WP-2-32-MVOLT-GEB10IS	4' FLUOR. WALL MOUNTED STRIP	120/1	1-ELECTRONIC	2-F32T8	59
LB	3FORM #VARIA ECORESIN	LIGHT BOX	120/1	N/A	LED	100
P	SPECTRUM LIGHTING #SPC1207CF-226-DA1-8310 -SG-PM-MW	12" FLUOR. CYLINDER FIXTURE (PENDANT MOUNTED W/ BOTTOM OF FIXTURE AT 7'-6")	120/1	1-ELEC. DIMMING (10%)	2-26W DTT	55
5 Z	REMOVED FROM SCOPE					
XD1	EXISTING FIXTURE TO BE DEMOLISHED	1X4 FLUOR. WRAPAROUND	120/1	1-ELECTRONIC	2-34W T12	72
XD2	EXISTING FIXTURE TO BE DEMOLISHED	4' VANITY STRIP FIXTURE	120/1	1-ELECTRONIC	2-30W	64
XD3	EXISTING FIXTURE TO BE DEMOLISHED	BATHROOM STRIP FIXTURE	120/1	1-ELECTRONIC	2-34W T12	72
XD4	EXISTING FIXTURE TO BE DEMOLISHED	8' FLUORESCENT STRIP	120/1	1-ELECTRONIC	4-40W T12	140
XD5	EXISTING FIXTURE TO BE DEMOLISHED	INCANDESCENT WALL SCONCE	120/1	N/A	1-60W A19	60
XD6	EXISTING FIXTURE TO BE DEMOLISHED	2X4 FLUORESCENT PRISMATIC	120/1	1-ELECTRONIC	2-34W T12	72
XD7	EXISTING FIXTURE TO BE DEMOLISHED	2X4 FLUORESCENT PRISMATIC	120/1	1-ELECTRONIC	4-34W T12	144
XD8	EXISTING FIXTURE TO BE DEMOLISHED	1X4 FLUORESCENT PRISMATIC	120/1	1-ELECTRONIC	2-34W T12	72
XD9	EXISTING FIXTURE TO BE DEMOLISHED	4' FLUORESCENT STRIP (WET LOCATION)	120/1	1-ELECTRONIC	2-34W T12	72
XD10	EXISTING FIXTURE TO BE DEMOLISHED	2' VANITY STRIP FIXTURE	120/1	1-ELECTRONIC	2-20W	44
# EM	LITHONIA #ELM618	EMERGENCY WALLPACK (BATTERY)	120/277/1			
	KENALL #METSU-MW-R-DT-EL (1 FACE)	EMERGENCY EXIT LIGHT (BATTERY)				
	KENALL #METSU-MW-R-DT-EL (2 FACE)	EMERGENCY EXIT LIGHT (BATTERY)				
#	LITHONIA #LHQM-S-W-1-R	LED EMERG. EXIT/WLPK COMBO. (BATTERY)				

NOTES:

1. ALL BALLASTS SHALL COMPLY WITH INTERNATIONAL. BUILDING CODE, 2009 INTERNATIONAL ENERGY CONSERVATION CODE AND SHALL BE UL LISTED. ALL T8 BALLASTS SHALL BE INSTANT START, HIGH-PERFORMANCE ELECTRONIC WITH NORMAL BALLAST FACTOR (0.88) UNLESS OTHERWISE NOTED.
2. ALL FIXTURES NOTED AS EMERGENCY SHALL HAVE EMERGENCY ILLUMINATION FUNCTIONALITY AS DESCRIBED BELOW. IN ALL CASES, BATTERIES MUST BE RATED FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED.
   - INTERIOR FLUORESCENT FIXTURES SHALL HAVE 1,100 LUMEN (MINIMUM) OUTPUT, 90 MINUTE BATTERY PACK.
   - EXTERIOR EMERGENCY LIGHTS SHALL HAVE AN INTEGRAL EXTERIOR RATED (0° F) OR REMOTE MOUNTED 1,100 LUMEN OUTPUT 90 MINUTE BATTERY.
   - TEST SWITCHES FOR EMERGENCY BATTERIES SHALL BE INTEGRAL TO THE FIXTURE SERVED BY THE BATTERY.
   - EMERGENCY FIXTURES SHALL OPERATE ONE LAMP WHERE MULTIPLE EMERGENCY FIXTURES ARE TO BE INSTALLED IN AN AREA, AND SHALL OPERATE TWO LAMPS WHERE THE LOSS OF A SINGLE LAMP WOULD RENDER THE SPACE IN TOTAL DARKNESS DURING EMERGENCY OPERATION.
   - WHERE EMERGENCY LIGHTS PROVIDE EMERGENCY ILLUMINATION IN AREAS NORMALLY LIT BY METAL HALIDE FIXTURES (OR SIMILAR SOURCES) WITH RESTRIKE DELAY, THE EMERGENCY BATTERY SHALL BE PROVIDED WITH A TIME DELAY TO MAINTAIN BATTERY ILLUMINATION FOR 15 MINUTES AFTER THE RESTORATION OF NORMAL POWER.
   - EMERGENCY LIGHTING DESIGN IS BASED ON EXISTING FIXTURES WITH 1,100 LUMEN OUTPUT BATTERIES. CONTRACTOR SHALL VERIFY ANY EXISTING EMERGENCY FIXTURE BATTERIES ARE 1,100 LUMEN OUTPUT MINIMUM AND SHALL REPLACE ANY BATTERIES RATED LESS THAN 1,100 LUMENS.
   - EMERGENCY LIGHTING UNITS WITH DEDICATED EMERGENCY HEADS SHALL PROVIDE 1 F.C. FOR AT LEAST 25' FOR A MINIMUM OF 90 MINUTES.
3. ALL FIXTURES ARE INTENDED TO BE A BASIS OF DESIGN AND EQUALS ARE ACCEPTED.
4. NOT USED.
5. ALL NEW, RELOCATED, OR RESWITCHED FIXTURES THAT UTILIZE BALLASTS SHALL BE PROVIDED WITH A LUMINAIRE DISCONNECT WHERE REQUIRED PER NEC 2008 SECTION 410.130(G). USE IDEAL POWERPLUG OR EQUAL INTERNAL TO FIXTURE.
6. CONTRACTOR SHALL ENSURE THAT ALL INTERIOR AND EXTERIOR LAMPS ARE THE SAME COLOR TEMPERATURE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE PROPER LAMP(S) FOR EACH FIXTURE, AS RECOMMENDED BY THE FIXTURE MANUFACTURER AND FIXTURE SCHEDULE.

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
GRENSHAW CONSULTING GROUP, INC.
NC LICENSE #C-1658 — 3016 Tech Drive, Suite 200, Raleigh, North Carolina 27609, 919-872-5878, Fax: 872-5880

SEAL

APPROVED
ACTIVITY – SATISFACTORY TO
DATE
APPROVED
FOR EFD FOR COMMANDER NAVFAC
DATE

A/E	EFD
MGF	DESIGN
CDA	DRAWN
MGF	REVIEW
	QC
	CHIEF ARCH./ ENGR.

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.
REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC
ELECTRICAL LEGEND & SCHEDULES

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647646
SHEET 91 OF 101
E-100

GENERAL NOTES

APPLY TO THIS SHEET ONLY

1. COORDINATE WITH DEMOLITION AND CONSTRUCTION PLANS AND NOTATION ON SHEETS A-101, A-102, A-103, A-104, AND A-105
2. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.

KEYED DEMOLITION NOTES

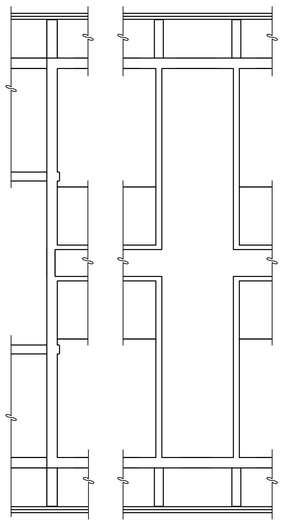
APPLY TO THIS SHEET ONLY

1. CLEAN AND PREPARE EXISTING PAINTED (TEXTURED) PRECAST CONCRETE PLANK CEILING ±8"–8" ABOVE FINISHED FLOOR FOR NEW FINISHES. EXISTING TEXTURE IS TO REMAIN.
2. COMPLETELY REMOVE EXISTING GYPSUM BOARD SOFFIT AND BULKHEAD ASSEMBLY ±7'–4" ABOVE FINISHED FLOOR INCLUDING ALL EXISTING SUPPORT FRAMING.

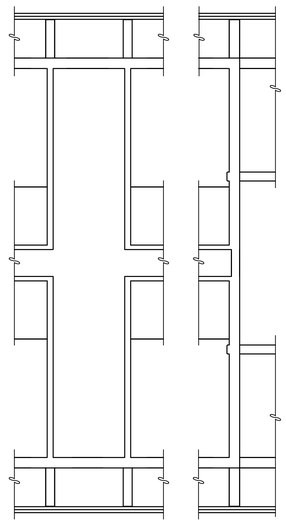
KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. PROVIDE NEW 5/8" IMPACT–RESISTANT FIBERGLASS MAT FACED GYPSUM BOARD CEILING AND BULKHEAD (TYPICAL EACH SLEEPING ROOM, INCLUDING BATHROOM/SHOWER AND VANITY/CLOSET AREA). FOR FRAMING. COORDINATE FINAL SIZE AND LOCATION OF ACCESS DOOR WITH MECHANICAL REQUIREMENTS. BULKHEAD SHALL BE ±1'–11" HIGH, TYPICAL. SOFFIT AND BULKHEAD SURFACES SHALL BE PAINTED. SEE ENLARGED DEMOLITION PLAN, 3/A–106, FOR DIMENSIONS. ESTABLISH NEW CEILING HEIGHT AS HIGH AS POSSIBLE. COORDINATE CEILING HEIGHT WITH PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS.
2. PROVIDE NEW PAINT APPLICATION TO EXISTING PAINTED & TEXTURED CONCRETE PLANK CEILING.
3. PROVIDE (1) 36" X 36" MINIMUM 1–HOUR FIRE RATED FLUSH MOUNTED CEILING ACCESS PANEL IN THE GYPSUM SOFFIT OF EACH SLEEPING ROOM. COORDINATE FINAL LOCATION WITH MECHANICAL ITEMS ABOVE.

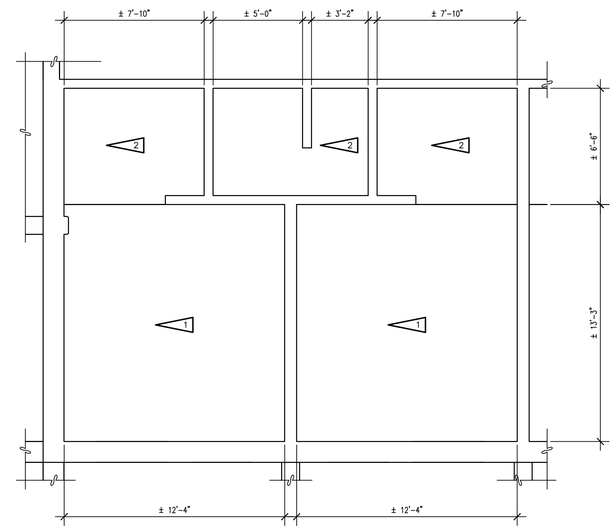


1 A-101/A-108 MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'–0"



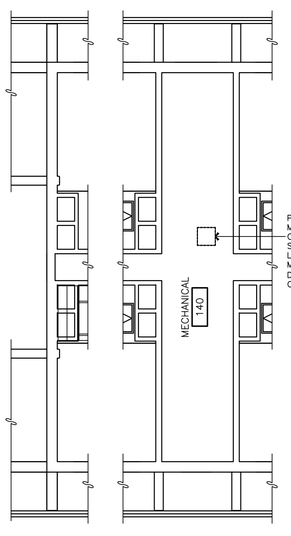
2 A-101/A-108 MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'–0"

NOTE: FIRST FLOOR MECHANICAL ROOM AND CHASE SHOWN. SECOND AND THIRD FLOOR MECHANICAL ROOMS AND CHASES ARE SIMILAR.

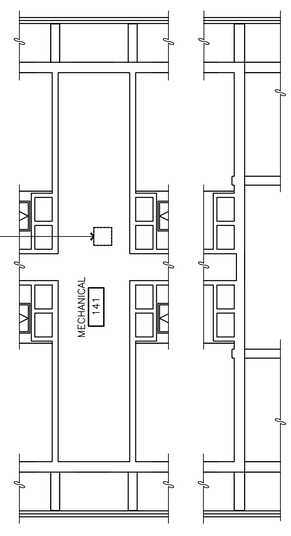


3 A-101/A-108 TYP. SLEEPING SUITE: DEMOLITION
SCALE: 1/4"=1'–0"

NOTE: TYPICAL SLEEPING ROOM SHOWN FOR DEMOLITION AND CONSTRUCTION. ALL SLEEPING ROOMS ARE IDENTICAL UNLESS OTHERWISE NOTED, BUT IN SOME CASES ARE REVERSED.

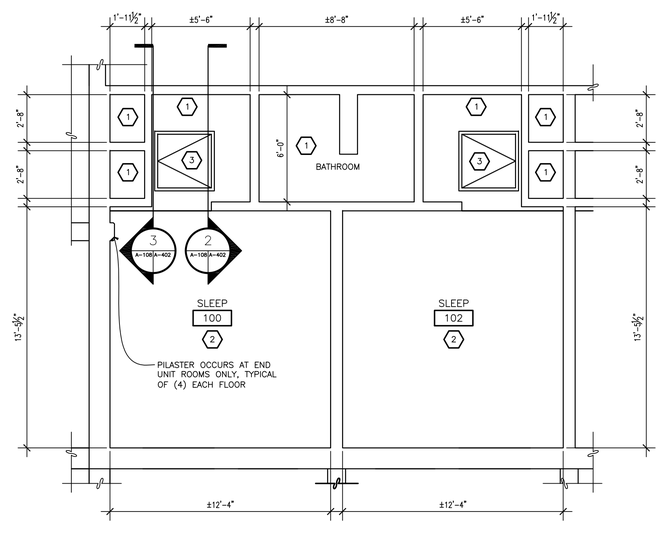


4 A-102/A-108 MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'–0"

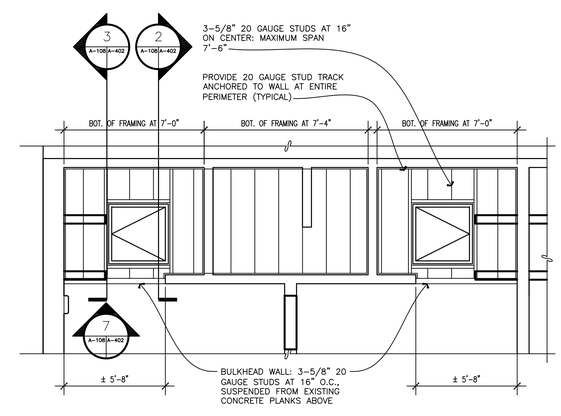


5 A-102/A-108 MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'–0"

NOTE: DOOR NUMBERING SCHEME IS TYPICAL FOR ALL MECHANICAL ROOMS, CHASES AND CHASE VESTIBULES, BUT CORRESPONDS TO ROOM NUMBER.



6 A-102/A-108 TYP. SLEEPING SUITE: CONSTRUCTION
SCALE: 1/4"=1'–0"



6 A-102/A-108 SOFFIT FRAMING PLAN
SCALE: 1/4"=1'–0"

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.07.25

SCALE 1/8" = 1'–0"
SCALE 1/4" = 1'–0"

			APPR
			DATE
			DESCRIPTION
			SYM.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
317-C Pollock Street, New Bern, NC 28560 Tel. 252.637.6373

SEAL

APPROVED

ACTIVITY – SATISFACTORY TO

DATE

APPROVED

FOR EFD FOR COMMANDER NAVFAC

DATE

A/E		EFD
JH	DESIGN	
RTB	DRAWN	
DLG	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	
	PROJECT MANAGER	
	FIRE PROTECTION	
	BRANCH MANAGER	
	DESIGN DIRECTOR	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

ENLARGED CEILING PLANS: SLEEPING/MECH. ROOMS

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647573
SHEET 18 OF 101

A-108

GENERAL NOTES

1. COORDINATE WITH DEMOLITION AND CONSTRUCTION PLANS AND NOTATION ON SHEETS A–101, A–102, A–103, A–104, AND A–105.
2. COORDINATE ALL CEILING WORK WITH MECHANICAL AND ELECTRICAL DRAWINGS.
3. SEE ENLARGED DEMOLITION FLOOR PLANS, SHEET A–103, FOR DIMENSIONS OF ALL AREAS TO RECEIVE CEILING WORK.

KEYED DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. CLEAN AND PREPARE EXISTING PAINTED (TEXTURED) PRECAST CONCRETE PLANK CEILING ±8'–8" ABOVE FINISHED FLOOR FOR NEW PAINT FINISHES. EXISTING TEXTURE IS TO REMAIN.
2. UNDERSIDE OF EXISTING CONCRETE (UNPAINTED) TO REMAIN AS IS, NO CEILING WORK.
3. EXISTING MECHANICAL CHASE OR VESTIBULE TO MECHANICAL CHASE. NO CEILING WORK IN THIS AREA.
4. UNDERSIDE OF EXISTING CONCRETE (UNPAINTED) TO REMAIN AS IS, NO CEILING.

KEYED CONSTRUCTION NOTES

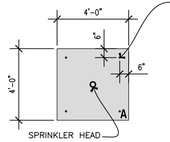
APPLY TO THIS SHEET ONLY

1. PATCH UNDERSIDE OF EXISTING CONCRETE PLANK WHERE EXISTING CONCRETE MASONRY WALL WAS REMOVED.
2. PROVIDE NEW PAINT APPLICATION TO EXISTING TEXTURED CONCRETE PLANK CEILING. SEE FINISH SCHEDULE.
3. PROVIDE NEW SUSPENDED CEILING PANEL CEILING AS SHOWN. SEE DETAIL 5/A–409 FOR TYPICAL PANEL MOUNTING DETAIL.
4. PROVIDE NEW SUSPENDED ACOUSTICAL TILE CEILING AT ±7'–4" A.F.F. COORDINATE CEILING INSTALLATION WITH PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS.

LEGEND

APPLY TO THIS SHEET ONLY

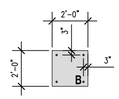
DIAGRAM SCALE ¼"=1'–0"



PROVIDE HOLES IN PANEL TO ACCEPT PANEL MANUFACTURER'S SUSPENSION HARDWARE, TYPICAL ALL PANELS

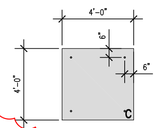
PANEL "A"

SUSPEND FROM EXISTING CONCRETE CEILING ABOVE AS SHOWN IN PLAN AT 7'–6" AFF. PROVIDE HOLES AS SHOWN FOR SUSPENSION HARDWARE. COORDINATE HOLE SIZE WITH SUSPENSION HARDWARE. PROVIDE PANEL MANUFACTURER'S STANDARD SUSPENSION CABLE AND HARDWARE. COORDINATE PANEL INSTALLATION WITH NEW AND EXISTING PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK. PROVIDE HOLE IN PANEL FOR SPRINKLER HEAD INSTALLATION. CENTER SPRINKLER HEAD IN PANEL AS SHOWN.



PANEL "B"

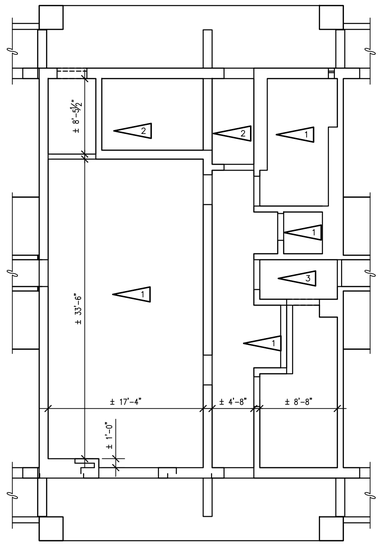
SUSPEND RANDOMLY FROM EXISTING CONCRETE CEILING ABOVE APPROXIMATELY AS SHOWN IN PLAN AT VARIOUS HEIGHTS FROM 7'–8" AFF TO 8'–4" AFF. PROVIDE HOLES AS SHOWN FOR SUSPENSION HARDWARE. COORDINATE HOLE SIZE WITH SUSPENSION HARDWARE. PROVIDE PANEL MANUFACTURER'S STANDARD SUSPENSION CABLE AND HARDWARE. COORDINATE PANEL INSTALLATION WITH NEW AND EXISTING PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK.



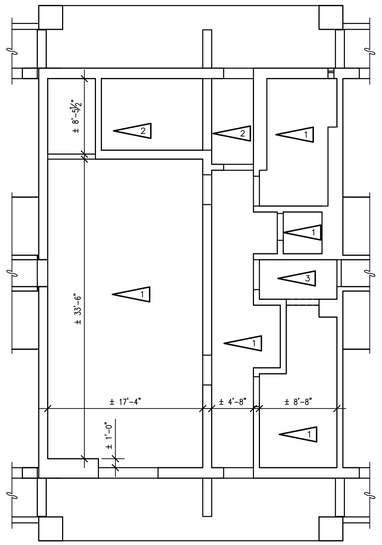
PANEL "C"

SUSPEND FROM EXISTING CONCRETE CEILING ABOVE AS SHOWN IN PLAN AT 7'–6" AFF. PROVIDE HOLES AS SHOWN FOR SUSPENSION HARDWARE. COORDINATE HOLE SIZE WITH SUSPENSION HARDWARE. PROVIDE PANEL MANUFACTURER'S STANDARD SUSPENSION CABLE AND HARDWARE. COORDINATE PANEL INSTALLATION WITH NEW AND EXISTING PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK.

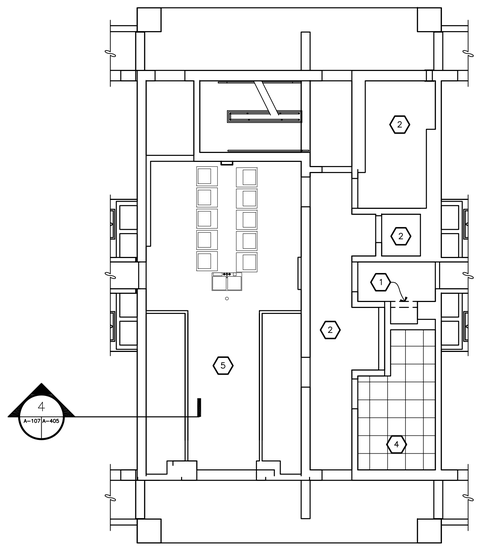
RESINOUS CEILING PANELS DELETED AT FIRST FLOOR



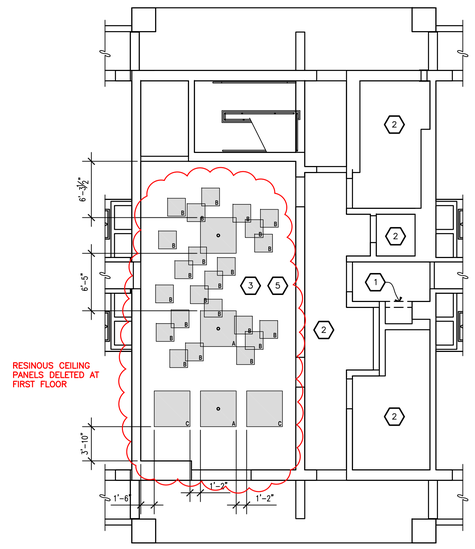
1 A–101/A–107 CENTRAL CORE, 2ND FLOOR DEMOLITION
SCALE: 1/8"=1'–0"



2 A–101/A–107 CENTRAL CORE, 3RD FLOOR DEMOLITION
SCALE: 1/8"=1'–0"



3 A–102/A–107 CENTRAL CORE, 2ND FLOOR CONSTRUCTION
SCALE: 1/8"=1'–0"



4 A–102/A–107 CENTRAL CORE, 3RD FLOOR CONSTRUCTION
SCALE: 1/8"=1'–0"

RECORD DRAWING
LETTER DATED
2016.07.25

AS-BUILT CONDITIONS SHOWN

0 5' 10' 20'
SCALE 1/8" = 1'–0"
0 1' 2' 3' 4' 5' 10'
SCALE 1/4" = 1'–0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
317-C Pollock Street, New Bern, NC 28560 Tel. 252.637.6373

PRELIMINARY
NOT FOR CONSTRUCTION
12.18.2013

SEAL

APPROVED
ACTIVITY – SATISFACTORY TO
DATE
APPROVED
FOR EFD FOR COMMANDER NAVFAC
DATE

A/E		EFD
JH	DESIGN	
RTB	DRAWN	
DLG	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	

PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

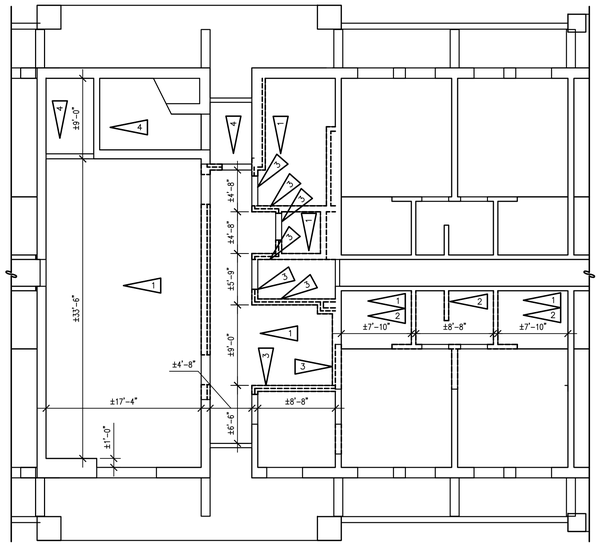
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

ENLARGED CEILING PLANS: CENTRAL CORE

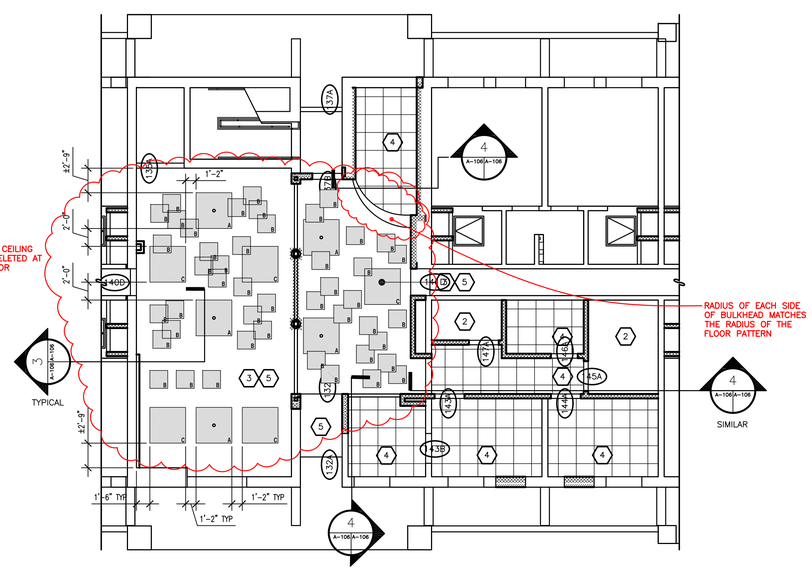
STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647572
SHEET 17 OF 101

A-107

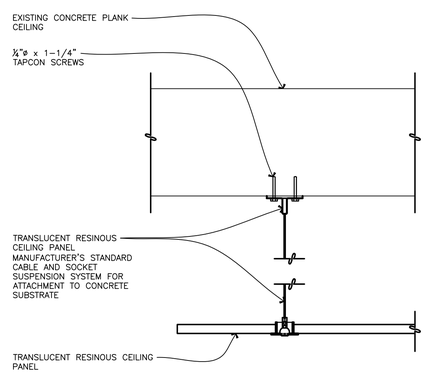


1 A-101|A-106 CENTRAL CORE: 1ST FLOOR
Scale: 1/8" = 1'-0"

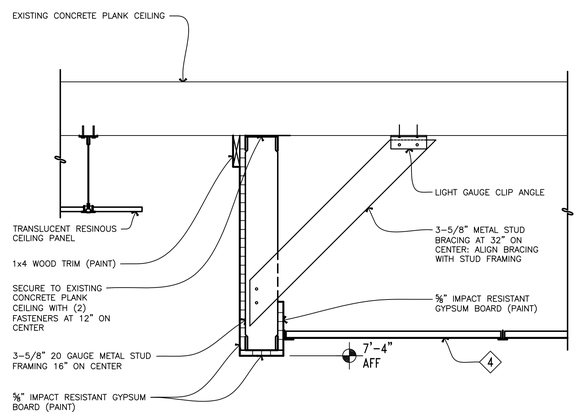
SEE A-108 FOR TYPICAL CEILING DEMOLITION AND CONSTRUCTION AT SLEEPING ROOMS



2 A-102|A-106 CENTRAL CORE: 1ST FLOOR
Scale: 1/8" = 1'-0"



3 A-106|A-106 DETAIL SECTION
Scale: 3" = 1'-0"



4 A-106|A-106 DETAIL SECTION
Scale: 1-1/2" = 1'-0"

NOTE: AT BULKHEAD WITH RADIUS, USE 1/4" GYPSUM BOARD ON FACE

GENERAL NOTES

APPLY TO THIS SHEET ONLY

1. COORDINATE WITH DEMOLITION AND CONSTRUCTION PLANS AND NOTATION ON SHEETS A-101, A-102, A-103, A-104 AND A-105.
2. COORDINATE ALL CEILING WORK WITH MECHANICAL AND ELECTRICAL DRAWINGS.
3. SEE ENLARGED DEMOLITION FLOOR PLANS, SHEETS A-103 & A-104 FOR DIMENSIONS OF ALL AREAS TO RECEIVE CEILING WORK.

KEYED DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. CLEAN AND PREPARE EXISTING PAINTED (TEXTURED) PRECAST CONCRETE PLANK CEILING ±8'-8" ABOVE FINISHED FLOOR FOR NEW PAINT FINISHES.
2. COMPLETELY REMOVE EXISTING GYPSUM BOARD SOFFIT AND BULKHEAD ASSEMBLY ±7'-4" ABOVE FINISHED FLOOR INCLUDING ALL EXISTING SUPPORT FRAMING.
3. AT AREAS INDICATED, PATCH UNDERSIDE OF EXISTING CONCRETE PLANK WHERE EXISTING CONCRETE MASONRY WALL HAS BEEN REMOVED.
4. UNDERSIDE OF EXISTING CONCRETE (UNPAINTED) TO REMAIN AS IS, NO CEILING WORK.

KEYED CONSTRUCTION NOTES

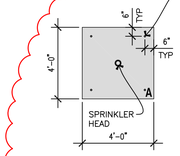
APPLY TO THIS SHEET ONLY

1. NOT USED.
2. PROVIDE NEW PAINT APPLICATION TO EXISTING TEXTURED CONCRETE PLANK CEILING. SEE FINISH SCHEDULE.
3. PROVIDE NEW SUSPENDED CEILING PANEL CEILING AS SHOWN. SEE DETAIL 3/A-106 FOR TYPICAL PANEL MOUNTING DETAIL.
4. PROVIDE NEW SUSPENDED ACOUSTICAL TILE CEILING AT ±7'-6" A.F.F. COORDINATE CEILING INSTALLATION WITH PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS.
5. PROVIDE NEW PAINT APPLICATION TO ENTIRETY OF EXISTING PREVIOUSLY PAINTED TEXTURED CONCRETE PLANK CEILING. SEE FINISH SCHEDULE.

LEGEND

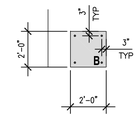
APPLY TO THIS SHEET ONLY

PROVIDE HOLES IN PANEL TO ACCEPT PANEL MANUFACTURER'S SUSPENSION HARDWARE, TYPICAL ALL PANELS



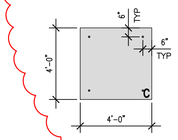
RESINOUS CEILING PANEL "A"

SUSPEND FROM EXISTING CONCRETE CEILING ABOVE AS SHOWN IN PLAN AT 7'-6" AFF. PROVIDE HOLES AS SHOWN FOR SUSPENSION HARDWARE. COORDINATE HOLE SIZE WITH SUSPENSION HARDWARE. PROVIDE PANEL MANUFACTURER'S STANDARD SUSPENSION CABLE AND HARDWARE. COORDINATE PANEL INSTALLATION WITH NEW AND EXISTING PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK. PROVIDE HOLE IN PANEL FOR SPRINKLER HEAD INSTALLATION. CENTER SPRINKLER HEAD IN PANEL AS SHOWN.



RESINOUS CEILING PANEL "B"

SUSPEND RANDOMLY FROM EXISTING CONCRETE CEILING ABOVE APPROXIMATELY AS SHOWN IN PLAN AT VARIOUS HEIGHTS FROM 7'-8" AFF TO 8'-4" AFF. PROVIDE HOLES AS SHOWN FOR SUSPENSION HARDWARE. COORDINATE HOLE SIZE WITH SUSPENSION HARDWARE. PROVIDE PANEL MANUFACTURER'S STANDARD SUSPENSION CABLE AND HARDWARE. COORDINATE PANEL INSTALLATION WITH NEW AND EXISTING PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK.



RESINOUS CEILING PANEL "C"

SUSPEND FROM EXISTING CONCRETE CEILING ABOVE AS SHOWN IN PLAN AT 7'-6" AFF. PROVIDE HOLES AS SHOWN FOR SUSPENSION HARDWARE. COORDINATE HOLE SIZE WITH SUSPENSION HARDWARE. PROVIDE PANEL MANUFACTURER'S STANDARD SUSPENSION CABLE AND HARDWARE. COORDINATE PANEL INSTALLATION WITH NEW AND EXISTING PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK.

RESINOUS CEILING PANELS DELETED AT FIRST FLOOR

RECORD DRAWING
LETTER DATED
2016.07.25

AS-BUILT CONDITIONS SHOWN

0 5' 10' 20'
SCALE 1/8" = 1'-0"
0 1' 2' 3' 4' 5' 10'
SCALE 1/4" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
317-C Pollock Street, New Bern, NC 28560 Tel. 252.637.6373

PRELIMINARY
NOT FOR CONSTRUCTION
12.18.2013
SEAL

APPROVED
ACTIVITY – SATISFACTORY TO
DATE
APPROVED
FOR EFD FOR COMMANDER NAVFAC
DATE

A/E		EFD
JH	DESIGN	
RTB	DRAWN	
DLG	REVIEW	
	QC	
	CHIEF ARCH./ ENGR.	

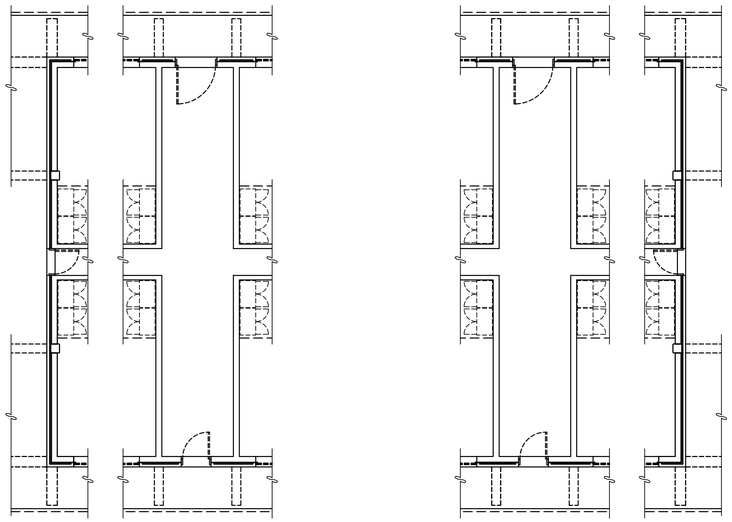
PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

ENLARGED CEILING PLANS: SLEEPING/MECH. ROOMS

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647571
SHEET 16 OF 101
A-106

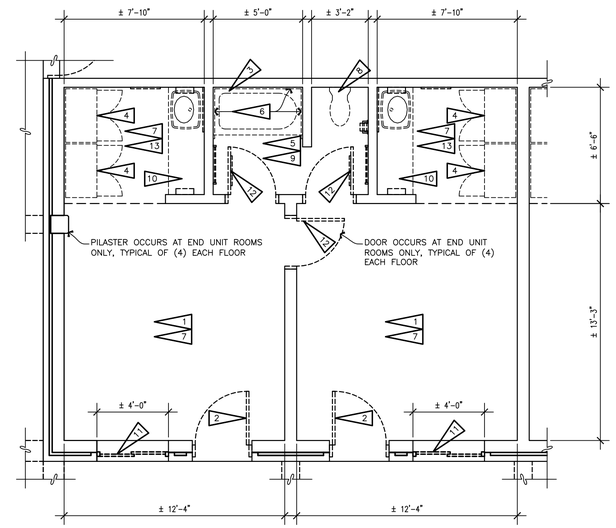


SEE TYPICAL SLEEPING SUITE DEMOLITION AND CONSTRUCTION PLANS FOR TYPICAL DEMOLITION AND CONSTRUCTION WORK AT SLEEPING ROOMS.

1 A-101|A-105 MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'-0"

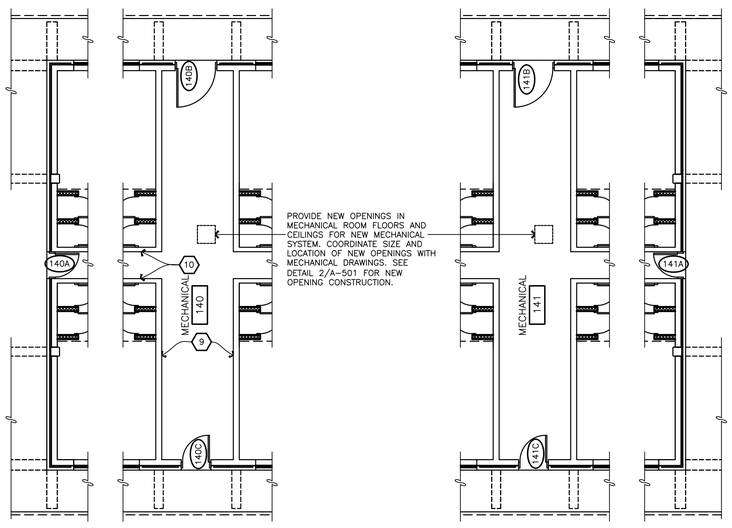
2 A-101|A-105 MECHANICAL ROOM: DEMOLITION
SCALE: 1/8"=1'-0"

NOTE: FIRST FLOOR MECHANICAL ROOM AND CHASE SHOWN. SECOND AND THIRD FLOOR MECHANICAL ROOMS AND CHASES ARE SIMILAR.



3 A-101|A-105 TYP. SLEEPING SUITE: DEMOLITION
SCALE: 1/8"=1'-0"

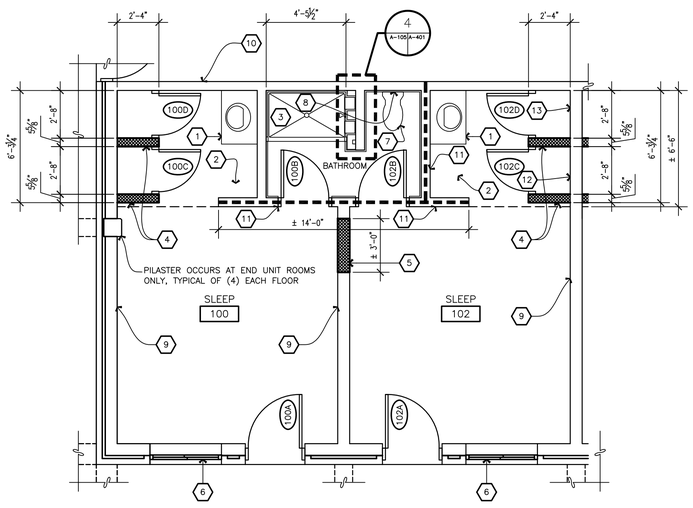
NOTE: TYPICAL SLEEPING ROOM SHOWN FOR DEMOLITION AND CONSTRUCTION. ALL SLEEPING ROOMS ARE IDENTICAL UNLESS OTHERWISE NOTED, BUT IN SOME CASES ARE REVERSED. SEE SHEET A-409 FOR TYPICAL FLOOR SLAB DEMOLITION AND CONSTRUCTION. SLAB WORK OCCURS AT FIRST FLOOR ROOMS ONLY.



4 A-102|A-105 MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'-0"

5 A-102|A-105 MECHANICAL ROOM: CONSTRUCTION
SCALE: 1/8"=1'-0"

NOTE: DOOR NUMBERING SCHEME IS TYPICAL FOR ALL MECHANICAL ROOMS, CHASES AND CHASE VESTIBULES, BUT CORRESPONDS TO ROOM NUMBER.



6 A-102|A-105 TYP. SLEEPING SUITE: CONSTRUCTION
SCALE: 1/8"=1'-0"

NOTE: DOOR NUMBERING SCHEME IS TYPICAL FOR ALL SLEEPING ROOMS BUT CORRESPONDS TO ROOM NUMBER.

GENERAL NOTES

1. PROVIDE NEW FINISHES FOR ALL SPACES AS DESCRIBED IN THE ROOM FINISH SCHEDULE. SEE COMPREHENSIVE CONSTRUCTION FLOOR PLANS, SHEET A-102, FOR ALL ROOM NAMES. SEE FINISH SCHEDULE FOR ALL ROOM FINISH DESIGNATIONS.
2. ALL DOORS IDENTIFIED BY DOOR NUMBER ARE NEW. SEE DOOR SCHEDULE SHEET A-601 FOR SPECIFIC INFORMATION, INCLUDING IF A NEW FRAME IS TO BE INSTALLED.
3. SEE LS-001 AND LS-002, LIFE SAFETY CODE COMPLIANCE SUMMARY AND LS-101 LIFE SAFETY PLAN FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS AND LOCATIONS OF NEW FIRE EXTINGUISHERS.
4. FOR ALL BATHROOMS SEE ENLARGED PLANS AND ELEVATIONS, SHEET A-401, FOR ALL ACCESSORIES AND DELINEATION OF FINISHES.
5. SEE SYMBOL LEGEND ON SHEET A-102.
6. REMOVE ALL EXISTING DOORS AND ALL EXISTING DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO, HINGES, LOCKSETS, AUXILIARY LOCKSETS, CLOSERS, OVERHEAD HOLDERS, THRESHOLDS AND WEATHERSTRIPPING. EXISTING DOOR FRAMES ARE TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW DOORS AS SCHEDULED WHERE EXISTING DOORS HAVE BEEN REMOVED. ALL DOORS IDENTIFIED BY DOOR NUMBER ARE NEW. SEE SHEET A-601 FOR ADDITIONAL INFORMATION ON DOORS AND FRAMES TO BE PROVIDED.
7. DASHED LINES ON DEMOLITION PLANS REPRESENT ITEMS TO BE REMOVED. SEE LINE TYPE LEGEND AND KEYED DEMOLITION NOTES FOR ADDITIONAL INFORMATION.
8. DASHED LINES ON CONSTRUCTION PLANS REPRESENT ITEMS OVERHEAD OR BENEATH OTHER CONSTRUCTION. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION.

DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. REMOVE EXISTING RESILIENT TILE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
2. REMOVE DOOR AND ALL EXISTING DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO HINGES, LOCKSETS, AUXILIARY LOCKSETS, THRESHOLDS, WEATHERSTRIPPING, DOOR GUARDS, CLOSERS AND RECESSED OVERHEAD HOLDERS.
3. REMOVE EXISTING BATH TUB.
   FIRST FLOOR: CLEAN AND PREPARE AREA WHERE TUB WAS REMOVED FOR NEW SHOWER INSTALLATION. SEE PLUMBING DRAWINGS.
   SECOND & THIRD FLOORS: REMOVE EXISTING ±2" THICK SETTING BED. CLEAN AND PREPARE AREA WHERE TUB WAS REMOVED FOR NEW SETTING BED AND SHOWER INSTALLATION. SEE PLUMBING DRAWINGS.
4. REMOVE EXISTING BUILT-IN METAL WALL LOCKER. SEE GENERAL NOTE 3 ON SHEET A-101.
5. FIRST FLOOR: REMOVE EXISTING THIN-SET CERAMIC FLOOR TILE, AND CERAMIC WALL BASE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW PORCELAIN TILE INSTALLATION. SEE A-401.
   SECOND & THIRD FLOORS: REMOVE EXISTING CERAMIC FLOOR TILE, ±2" THICK SETTING BED, AND CERAMIC WALL BASE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW SETTING BED AND PORCELAIN TILE INSTALLATION. SEE A-401.
6. REMOVE EXISTING CERAMIC TILE FROM EXISTING CONCRETE MASONRY WALLS. PREPARE EXISTING CONCRETE MASONRY WALLS FOR NEW SOLID POLYMER SHOWER SURROUND BY GRINDING OR FILLING THE SURFACE WHERE CERAMIC TILE HAS BEEN REMOVED TO ESTABLISH A FLAT SUBSTRATE TO PERMIT THE INSTALLATION OF NEW SOLID POLYMER WALL PANELS.
7. CLEAN AND PREPARE EXISTING PAINTED CONCRETE MASONRY WALLS FOR NEW FINISHES.
8. REMOVE EXISTING PLUMBING FIXTURE IN PREPARATION FOR INSTALLATION OF NEW FIXTURE. SEE PLUMBING DRAWINGS.
9. REMOVE EXISTING TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO: TOILET TISSUE DISPENSER, TOWEL BARS, ROBE HOOKS, SHOWER ROD AND SHOWER CURTAIN.
10. REMOVE EXISTING WOOD VANITY CABINET AND COUNTER INCLUDING PORCELAIN SINK BOWL AND FAUCET.
11. REMOVE EXISTING ALUMINUM WINDOW ASSEMBLY FROM EXISTING MASONRY OPENING. REMOVAL INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: ALUMINUM WINDOW, BLIND AND DRAPES ±4'-4" HIGH x WIDTH SHOWN IN PLAN. PREPARE REMAINING MASONRY OPENING FOR NEW WINDOW INSTALLATION. SEE 2/A-603 FOR ADDITIONAL INFORMATION.
12. REMOVE EXISTING STEEL DOOR AND STEEL DOOR FRAME. PREPARE EXISTING MASONRY OPENING FOR NEW CONCRETE MASONRY INFILL. SEE CONSTRUCTION PLAN 6/A-105.
13. REMOVE EXISTING TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO: SOAP HOLDER, WALL MOUNTED MIRRORS, MEDICINE CABINETS.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. PROVIDE NEW PLASTIC LAMINATE VANITY CABINET 21" DEEP X 36" WIDE WITH SOLID SURFACE COUNTERTOP AND INTEGRAL SINK BOWL. SEE SHEET A-402 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
2. REFRIGERATOR/MICROWAVE UNIT PER FF&E PACKAGE.
3. PROVIDE NEW SOLID SURFACE SHOWER. SEE SHEET A-401 FOR SHOWER CONSTRUCTION AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
4. PROVIDE NEW 6" CONCRETE MASONRY WALLS UP TO UNDERSIDE OF NEW SOFFIT ASSEMBLY ±6'-10" ABOVE FINISHED FLOOR BY DIMENSION SHOWN IN PLAN. PROVIDE (1) #4 BAR VERTICALLY WHERE NEW CONCRETE MASONRY WALLS TERMINATE AT CLOSET DOORS. FILL ALL CELLS WITH MORTAR AS THE WALLS ARE BUILT. PROVIDE 7/8" WIDE X 7" LONG 18 GAUGE HOT-DIPPED GALVANIZED CORRUGATED WALL TIES AT 1'-4" ON CENTER VERTICALLY AT EACH INTERSECTION WITH EXISTING CONCRETE MASONRY.
5. PROVIDE NEW 8" CONCRETE MASONRY INFILL ±7'-4" HIGH.
6. PROVIDE NEW ALUMINUM WINDOW IN EXISTING MASONRY OPENING. SEE 2/A-603 FOR ADDITIONAL INFORMATION.
7. PROVIDE NEW PLUMBING FIXTURE WHERE EXISTING PLUMBING FIXTURE WAS REMOVED. SEE PLUMBING DRAWINGS.
8. PROVIDE NEW 6" CONCRETE MASONRY WHERE EXISTING 8" x 8" LOUVER HAS BEEN REMOVED
9. EXISTING 8" CONCRETE MASONRY LOAD BEARING WALL
10. EXISTING 6" CONCRETE MASONRY LOAD BEARING WALL
11. PROVIDE NEW 6" CONCRETE MASONRY WALL ON TOP OF EXISTING 6" CONCRETE MASONRY WALL FROM ±7'-4" ABOVE FINISH FLOOR TO DECK (8'-8" ABOVE FINISH FLOOR) BY DIMENSION SHOWN IN PLAN. SEE LIFE SAFETY PLANS FOR FIRE RATINGS.
12. PROVIDE NEW 8" CONCRETE MASONRY INFILL IN EXISTING 20" X 12" OPENING.
13. PROVIDE NEW 8" CONCRETE MASONRY INFILL WHERE EXISTING 8" DUCT WAS REMOVED.

LINE TYPE LEGEND

- ITEMS TO BE REMOVED (DEMOLITION PLANS) OR ITEMS ABOVE OR BENEATH OTHER CONSTRUCTION (CONSTRUCTION PLANS). SEE ENLARGED PLANS AND KEYNOTES FOR IDENTIFICATION OF ITEMS
- EXISTING ITEMS TO REMAIN
- NEW CONCRETE MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION
- INDICATES NEW 6" CONCRETE MASONRY WALL INFILL ON TOP OF EXISTING 6" CONCRETE MASONRY WALL FROM ±7'-4" ABOVE FINISH FLOOR TO DECK (8'-8" ABOVE FINISH FLOOR) BY DIMENSION SHOWN IN PLAN. SEE LIFE SAFETY PLANS FOR FIRE RATINGS.

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.07.25

SCALE 1/8" = 1'-0"
SCALE 1/4" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
317-C Pollock Street, New Bern, NC 28560 Tel. 252.637.6373

PRELIMINARY NOT FOR CONSTRUCTION 12.18.2013
SEAL

APPROVED
ACTIVITY - SATISFACTORY TO
DATE
APPROVED
FOR EFD FOR COMMANDER NAVFAC
DATE

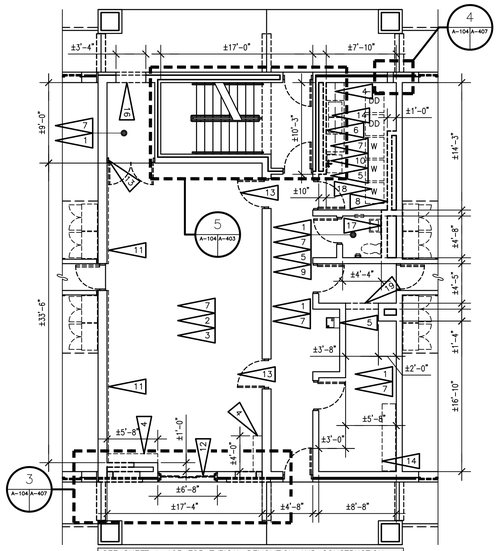
A/E	EFD
JH	DESIGN
RTB	DRAWN
DLG	REVIEW
	QC
	CHIEF ARCH./ ENGR.
	PROJECT MANAGER
	FIRE PROTECTION
	BRANCH MANAGER
	DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

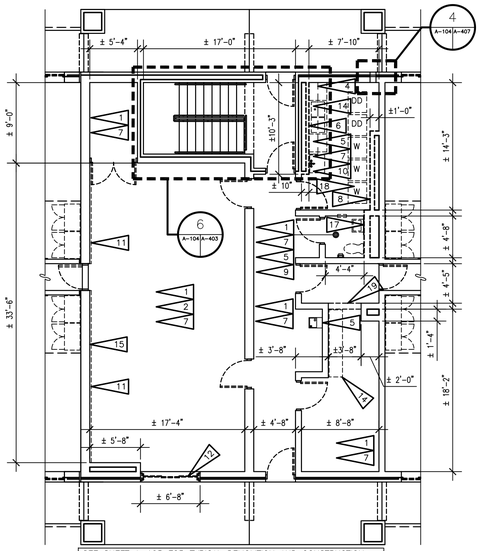
REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

ENLARGED PLANS: SLEEPING ROOM DEMOLITION & CONSTRUCTION

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647570
SHEET 15 OF 101
A-105

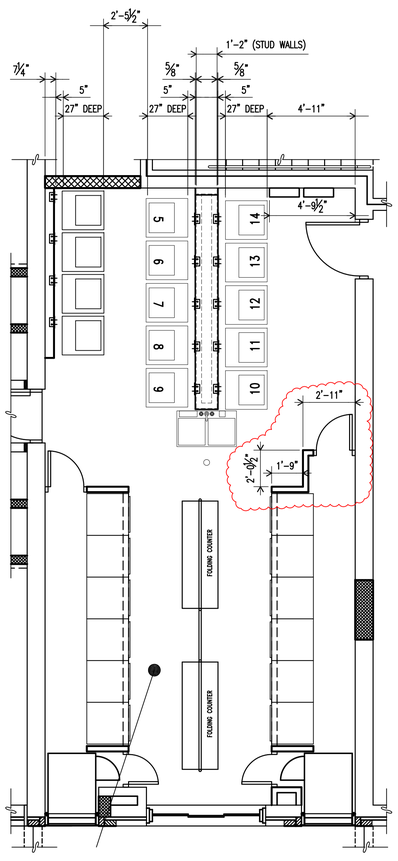


1 A-101&A-104 CENTRAL CORE: 2ND FLOOR DEMOLITION
SCALE: 1/8"=1'-0"

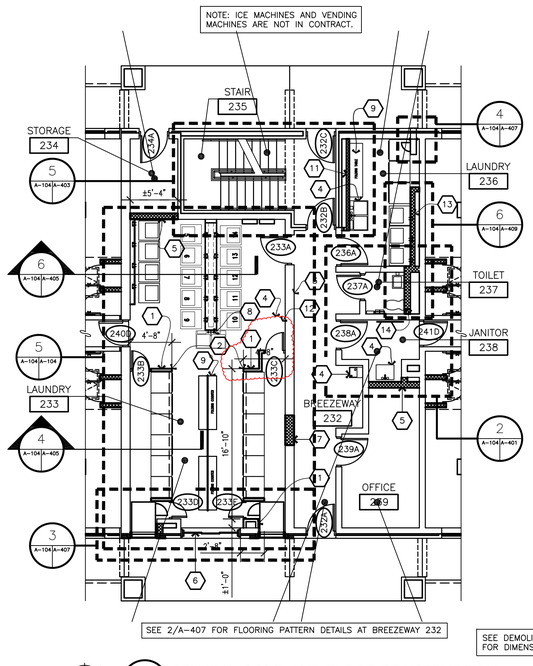


2 A-101&A-104 CENTRAL CORE: 3RD FLOOR DEMOLITION
SCALE: 1/8"=1'-0"

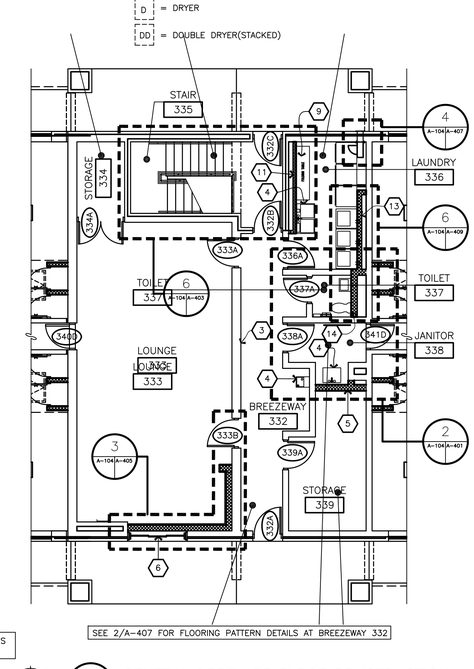
W = WASHER
D = DRYER
DD = DOUBLE DRYER(STACKED)



5 A-104&A-104 2ND FLOOR LAUNDRY ROOM CONSTRUCTION
SCALE: 1/4"=1'-0"



3 A-102&A-104 CENTRAL CORE: 2ND FLOOR CONSTRUCTION
SCALE: 1/8"=1'-0"



4 A-102&A-104 CENTRAL CORE: 3RD FLOOR CONSTRUCTION
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. PROVIDE NEW FINISHES FOR ALL SPACES PER ROOM FINISH SCHEDULE. SEE COMPREHENSIVE CONSTRUCTION FLOOR PLANS, SHEET A-102, FOR ALL ROOM NAMES. SEE FINISH SCHEDULE FOR ALL FINISH DESIGNATIONS.
2. SEE SHEET LS-101, LIFE SAFETY PLAN, FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS AND LOCATIONS OF NEW FIRE EXTINGUISHERS.
3. FOR ALL RESTROOMS, SEE ENLARGED PLANS AND ELEVATIONS, SHEET A-401, FOR ALL ACCESSORIES AND DELINEATION OF FINISHES.
4. REMOVE ALL EXISTING DOORS AND ALL EXISTING DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO, HINGES, LOCKSETS, AUXILLARY LOCKSETS, CLOSERS, OVERHEAD HOLDERS, THRESHOLDS AND WEATHERSTIPPING. EXISTING DOOR FRAMES ARE TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW DOORS AS SCHEDULED WHERE EXISTING DOORS HAVE BEEN REMOVED. ALL DOORS IDENTIFIED BY A DOOR NUMBER ARE NEW. SEE SHEET A-601 FOR ADDITIONAL INFORMATION ON DOORS AND AND FRAMES TO BE PROVIDED.
5. DASHED LINES ON DEMOLITION PLANS REPESENT ITEMS TO BE REMOVED. SEE LINE TYPE LEGEND AND KEYED DEMOLITION NOTES FOR ADDITIONAL INFORMATION.
6. DASHED LINES ON CONSTRUCTION PLANS REPRESENT ITEMS OVERHEAD OR BENEATH OTHER CONSTRUCTION. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION.

KEYED DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. REMOVE EXISTING RESILIENT TILE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
2. REMOVE EXISTING RESILIENT BASE FROM EXISTING CONCRETE MASONRY WALL. CLEAN EXISTING CONCRETE MASONRY OF ALL ADHESIVE.
3. REMOVE EXISTING CARPET AND EXISTING RESILIENT TILE BENEATH. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
4. REMOVE EXISTING WALL MOUNTED SHELF. PATCH REMAINING HOLES WITH MORTAR.
5. REMOVE EXISTING PLUMBING FIXTURE(S). SEE PLUMBING DRAWINGS.
6. REMOVE EXISTING 4" CONCRETE MASONRY WALL ±8'-8" HIGH.
7. CLEAN & PREPARE EXISTING PAINTED CONCRETE MASONRY WALLS FOR NEW FINISHES.
8. REMOVE EXISTING 6" CONCRETE MASONRY WALL ±8'-8" HIGH.
9. REMOVE EXISTING TOILET ACCESSORIES (EXCEPT INTEGRAL TOWEL DISPENSER / TRASH RECEPTACLE WHERE PRESENT) INCLUDING BUT NOT LIMITED TO: TOILET TISSUE DISPENSER, SOAP DISPENSER, AND WALL MOUNTED MIRROR.
10. CLEAN EXISTING CONCRETE FLOOR AND PREPARE FOR NEW FLOOR FINISHES.
11. REMOVE EXISTING FABRIC DRAPERY PANELS AND ALL MOUNTING HARDWARE. PATCH REMAINING HOLES WITH MORTAR.
12. REMOVE EXISTING ALUMINUM WINDOW FROM EXISTING MASONRY OPENING. REMOVAL INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: ALUMINUM WINDOW, BLIND AND DRAPES ±4'-4" HIGH x WIDTH SHOWN IN PLAN. PREPARE MASONRY OPENING FOR NEW WINDOW INSTALLATION. SEE 2/A-603.
13. REMOVE EXISTING STEEL DOOR FRAME.
14. REMOVE EXISTING WOOD CASEWORK. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WALLS – CONCRETE BLOCK WITH MORTAR
15. REMOVE EXISTING WALL MOUNTED MIRROR. PATCH REMAINING HOLES WITH MORTAR.
16. REMOVE EXISTING ±8" CONCRETE MASONRY AND ±4" BRICK MASONRY WALL TO CREATE A NEW MASONRY OPENING 7'-4" HIGH. REMOVE EXISTING MASONRY TO 8" BELOW THE FINISHED FLOOR. SEE 5/A-602, 6/A-602 & 7/A-602. REMOVE ADDITIONAL MASONRY AT JAMBS TO PERMIT THE BONDING OF NEW MASONRY INTO EXISTING MASONRY. PREPARE OPENING FOR NEW DOOR INSTALLATION
17. REMOVE EXISTING 8" CONCRETE MASONRY WALL ±8'-8" HIGH.
18. REMOVE EXISTING WASHERS, DRYERS, & DOUBLE DRYERS AND TURN OVER TO GOVERNMENT.
19. REMOVE INDICATED PORTION OF EXISTING 8" CONCRETE MASONRY WALL UP TO EXISTING STRUCTURE ABOVE, ±8'-8" HIGH. REMOVE ADDITIONAL MASONRY FROM REMAINING WALL TO PERMIT REBUILDING OF THE EXISTING WALL TO ESTABLISH FINISHED CORNERS.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. PROVIDE NEW WALL CONSISTING OF ⅝" IMPACT RESISTANT GYPSUM BOARD (EACH SIDE) ON 3-5/8" METAL STUD FRAMING AT 16" ON CENTER. WALL AND WALL FINISHES SHALL EXTEND UP TO EXISTING CONCRETE PLANK CEILING ±8'-8" ABOVE.
2. PROVIDE CORNER GUARD FULL HEIGHT OF WALL.
3. EXISTING 12" (8" + 4") CONCRETE MASONRY BEARING WALL.
4. PROVIDE NEW PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
5. PROVIDE NEW 8" CONCRETE MASONRY WALL UP TO EXISTING CONCRETE CEILING ±8'-8" ABOVE FINISH FLOOR BY DIMENSION SHOWN IN PLAN. BRACE NEW CONCRETE MASONRY WALLS AT TOP COURSE PER DETAIL 1/A-501.
6. PROVIDE NEW ALUMINUM WINDOW IN EXISTING MASONRY OPENING. SEE 1/A-603.
7. PROVIDE NEW 12" CONCRETE MASONRY INFILL ±7'-4" HIGH IN EXISTING OPENING.
8. PROVIDE NEW FLOOR DRAIN. SEE PLUMBING DRAWINGS.
9. PROVIDE NEW 6'-0" LONG LAUNDRY FOLDING TABLE. SEE 5/A-501.
10. NOT USED.
11. PROVIDE NEW 4" CONCRETE MASONRY WALL UP TO EXISTING CEILING ±8'-8" ABOVE FINISH FLOOR BY DIMENSION SHOWN ON PLAN. BRACE NEW CONCRETE MASONRY WALL AT TOP COURSE PER DETAIL 1/A-603.
12. PROVIDE FULL HEIGHT (±8'-8") PAINTED IMPACT RESISTANT GYPSUM BOARD AND 3-5/8" STEEL STUD AT 16" O.C. CHASE WALL FOR LAUNDRY SINK VENT PIPING.
13. PROVIDE NEW 6" CONCRETE MASONRY WALL UP TO EXISTING CONCRETE CEILING ±8'-8" ABOVE FINISHED FLOOR BY DIMENSION SHOWN IN PLAN. BRACE NEW CONCRETE MASONRY WALLS AT TOP COURSE PER DETAIL 1/A-603.
14. SAME AS 13 EXCEPT 8" CONCRETE MASONRY.

LINE TYPE LEGEND

- ITEMS TO BE REMOVED (DEMOLITION PLANS) OR ITEMS ABOVE OR BENEATH OTHER CONSTRUCTION (CONSTRUCTION PLANS). SEE ENLARGED PLANS AND KEYNOTES FOR IDENTIFICATION OF ITEMS
- EXISTING ITEMS TO REMAIN
- NEW CONCRETE MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION
- NEW BRICK MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION

RECORD DRAWING
LETTER DATED
2016.07.25

AS-BUILT CONDITIONS SHOWN

0 5' 10' 20'
SCALE 1/8" = 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
317-C Pollock Street, New Bern, NC 28560 Tel. 252.637.6373

SEAL

APPROVED

ACTIVITY – SATISFACTORY TO

DATE

APPROVED

FOR EFD FOR COMMANDER NAVFAC

DATE

A/E	EFD
	DESIGN
JH	DRAWN
RTB	REVIEW
DLG	QC
	CHIEF ARCH./ ENGR.
	PROJECT MANAGER
	FIRE PROTECTION
	BRANCH MANAGER
	DESIGN DIRECTOR

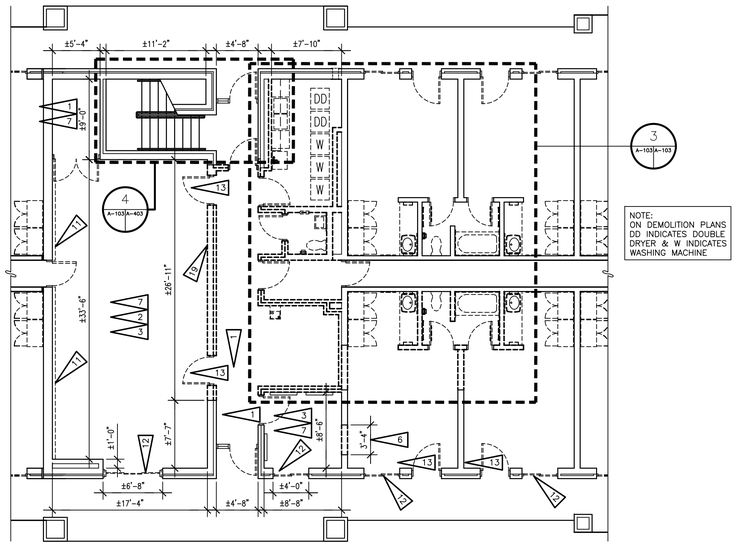
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

ENLARGED FLOOR PLANS CENTRAL CORE

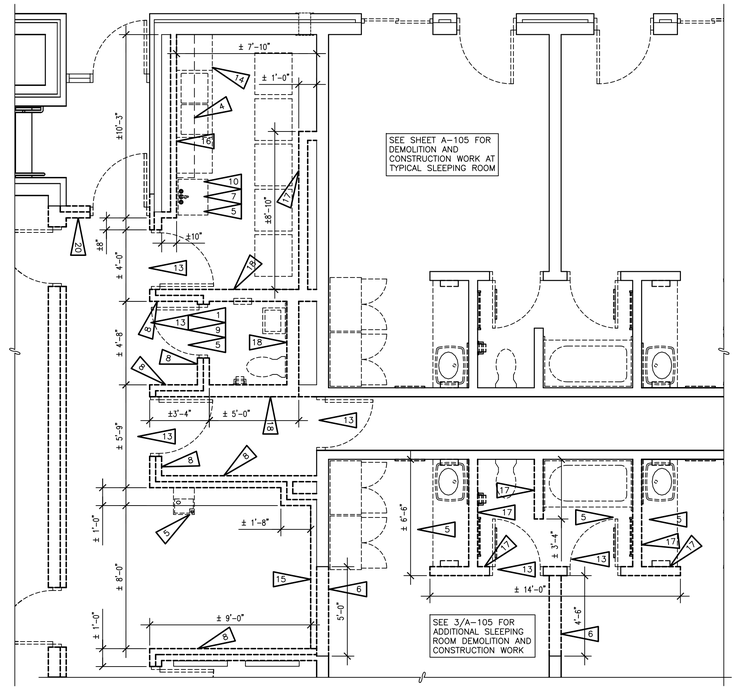
STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647569
SHEET 14 OF 101

A-104

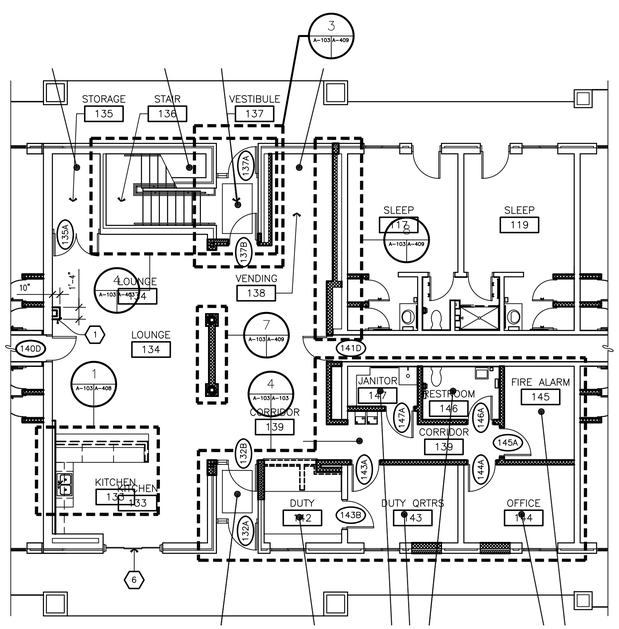


CENTRAL CORE: 1ST FLOOR
Scale: 1/8" = 1'-0"

NOTE: SEE SHEET A-409, STRUCTURAL AND PLUMBING DRAWINGS FOR EXISTING CONCRETE SLAB DEMOLITION AND CONSTRUCTION.

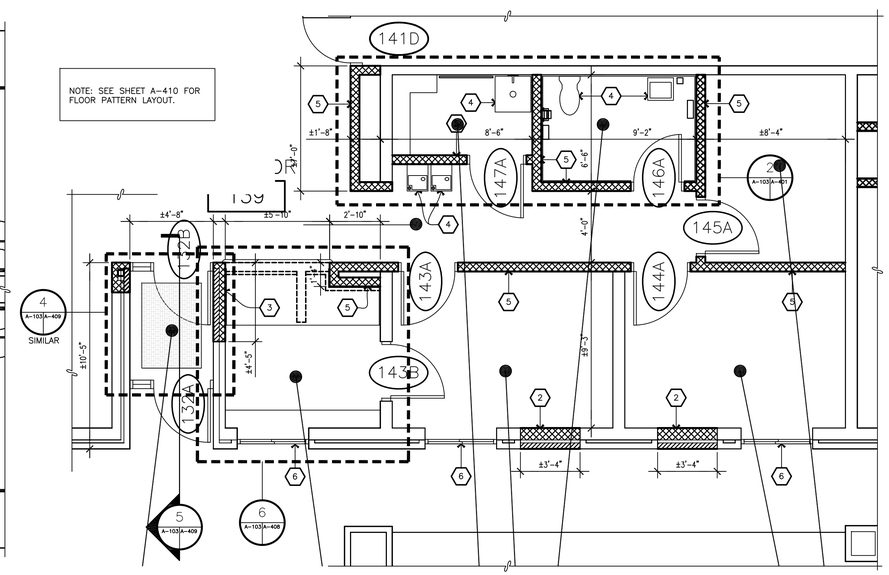


CENTRAL CORE: 1ST FLOOR
Scale: 1/4" = 1'-0"



CENTRAL CORE: 1ST FLOOR
Scale: 1/8" = 1'-0"

NOTE: SEE SHEET A-410 FOR FLOOR PATTERN LAYOUT.



CENTRAL CORE: 1ST FLOOR
Scale: 1/4" = 1'-0"

SCALE 1/8" = 1'-0"

SCALE 1/4" = 1'-0"

GENERAL NOTES

1. PROVIDE NEW FINISHES FOR ALL SPACES PER ROOM FINISH SCHEDULE. SEE COMPREHENSIVE CONSTRUCTION FLOOR PLANS, SHEET A-102, FOR ALL ROOM NAMES. SEE FINISH SCHEDULE FOR ALL FINISH DESIGNATIONS.
2. SEE SHEET LS-101, LIFE SAFETY PLAN, FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS AND LOCATIONS OF NEW FIRE EXTINGUISHERS.
3. WHERE EXISTING LOAD BEARING ELEMENTS ARE TO BE REMOVED CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING OF EXISTING STRUCTURE UNTIL NEW LOAD BEARING ELEMENT IS IN PLACE. SEE KEYED DEMOLITION NOTES FOR IDENTIFICATION OF LOAD BEARING ELEMENTS TO BE REMOVED.
4. REMOVE ALL EXISTING DOORS AND ALL EXISTING DOOR HARDWARE INCLUDING, BUT NOT LIMITED TO HINGES, LOCKSETS, AUXILIARY LOCKSETS, CLOSERS, OVERHEAD HOLDERS, THRESHOLDS AND WEATHERSTRIPPING. EXISTING DOOR FRAMES ARE TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW DOORS AS SCHEDULED WHERE EXISTING DOORS HAVE BEEN REMOVED. ALL DOORS IDENTIFIED BY DOOR NUMBER ARE NEW. SEE SHEET A-601 FOR ADDITIONAL INFORMATION ON DOORS AND FRAMES TO BE PROVIDED.
5. DASHED LINES ON DEMOLITION PLANS REPRESENT ITEMS TO BE REMOVED. SEE LINE TYPE LEGEND AND KEYED DEMOLITION NOTES FOR ADDITIONAL INFORMATION.
6. DASHED LINES ON CONSTRUCTION PLANS REPRESENT ITEMS OVERHEAD OR BENEATH OTHER CONSTRUCTION. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION.

KEYED DEMOLITION NOTES

APPLY TO THIS SHEET ONLY

1. REMOVE EXISTING RESILIENT TILE. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
2. REMOVE EXISTING RESILIENT BASE FROM EXISTING CONCRETE MASONRY WALL. CLEAN EXISTING CONCRETE MASONRY OF ALL ADHESIVE.
3. REMOVE EXISTING CARPET AND EXISTING RESILIENT TILE BENEATH. CLEAN AND PREPARE EXISTING CONCRETE SLAB FOR NEW FLOOR FINISHES.
4. REMOVE EXISTING WALL MOUNTED WOOD SHELF. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WITH MORTAR.
5. REMOVE EXISTING PLUMBING FIXTURE(S). SEE PLUMBING DRAWINGS.
6. SAWCUT & REMOVE EXISTING 8" CONCRETE MASONRY LOAD BEARING WALL FROM EXISTING CONCRETE PLANKS ABOVE TO 8" BELOW EXISTING FLOOR SLAB – ±9'-4" HIGH. SEE SLAB DEMOLITION PLAN 1/A-409.
7. CLEAN & PREPARE EXISTING PAINTED CONCRETE MASONRY WALLS FOR NEW FINISHES.
8. REMOVE INDICATED PORTION OF EXISTING 4" THICK CONCRETE MASONRY AND 4" THICK BRICK MASONRY WALL ±8'-8" HIGH.
9. REMOVE EXISTING TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO: TOILET TISSUE DISPENSER, SOAP DISPENSER, INTEGRAL TOWEL DISPENSER / TRASH RECEPTACLE AND WALL MOUNTED MIRROR.
10. CLEAN EXISTING CONCRETE FLOOR AND PREPARE FOR NEW FLOOR FINISHES.
11. REMOVE EXISTING FABRIC DRAPERY PANELS AND ALL MOUNTING HARDWARE. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WITH MORTAR.
12. REMOVE EXISTING ALUMINUM WINDOW FROM EXISTING MASONRY OPENING. REMOVAL INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: ALUMINUM WINDOW, BLIND AND DRAPES ±4'-4" HIGH x WIDTH SHOWN IN PLAN. PREPARE MASONRY OPENING FOR NEW WINDOW INSTALLATION. SEE 1/A-603 AND 2/A-603.
13. REMOVE EXISTING STEEL DOOR FRAME.
14. REMOVE EXISTING WOOD CASEWORK. PATCH REMAINING HOLES IN EXISTING CONCRETE MASONRY WALLS WITH MORTAR.
15. REMOVE EXISTING 4" THICK BRICK MASONRY ±8'-8" HIGH FROM FACE OF EXISTING CONCRETE MASONRY WALL.
16. REMOVE EXISTING 4" CONCRETE MASONRY WALL ±8'-8" HIGH.
17. REMOVE EXISTING 6" CONCRETE MASONRY WALL ±8'-8" HIGH.
18. REMOVE EXISTING 8" CONCRETE MASONRY WALL ±8'-8" HIGH.
19. REMOVE EXISTING 8" CONCRETE MASONRY AND 4" BRICK MASONRY LOAD-BEARING WALL FROM EXISTING CONCRETE PLANKS ABOVE DOWN TO TOP OF EXISTING FOOTING OR GRADE BEAM – ±10'-8" HIGH.
20. REMOVE EXISTING 4" CONCRETE MASONRY AND 4" BRICK MASONRY WALL ±8'-8" HIGH.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. PROVIDE NEW PIPE CHASE CONSISTING OF IMPACT RESISTANT GYPSUM BOARD ON 3-5/8" METAL STUD FRAMING ±8'-8" HIGH. FINISH TO MATCH ADJACENT WALL.
2. PROVIDE 8" CONCRETE MASONRY AND 4" BRICK MASONRY INFILL WHERE EXISTING DOOR HAS BEEN REMOVED. PROVIDE 1" THICK RIGID INSULATION BOARD WITHIN WALL CAVITY AND HORIZONTAL JOINT REINFORCING AT 16" ON CENTER. RECESS NEW BRICK MASONRY 1/2" FROM FACE OF EXISTING ROUGH OPENING. PROVIDE THROUGH WALL FLASHING AT BOTTOM OF WALL. EXTEND FLASHING THROUGH WALL MINIMUM (1) COURSE ABOVE FINISH GRADE. FILL CAVITY BELOW FLASHING WITH GROUT.
3. PROVIDE NEW 8" WALL CONSISTING OF 4" CONCRETE MASONRY AND 4" BRICK MASONRY ON BREEZEWAY SIDE UP TO EXISTING STRUCTURE ±8'-8" ABOVE FINISH FLOOR. NEW BRICK MASONRY SHALL MATCH EXISTING BRICK MASONRY. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" ON CENTER. BRACE NEW WALL PER DETAIL 1/A-501.
4. PROVIDE NEW PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
5. PROVIDE NEW 6" CONCRETE MASONRY WALL UP TO EXISTING CONCRETE CEILING ±8'-8" ABOVE FINISH FLOOR BY DIMENSION SHOWN IN PLAN. BRACE NEW CONCRETE MASONRY WALLS AT TOP COURSE PER DETAIL 1/A-501.
6. PROVIDE NEW ALUMINUM WINDOW IN EXISTING MASONRY OPENING. SEE 1/A-603.

LINE TYPE LEGEND

- ITEMS TO BE REMOVED (DEMOLITION PLANS) OR ITEMS ABOVE OR BENEATH OTHER CONSTRUCTION (CONSTRUCTION PLANS). SEE ENLARGED PLANS AND KEYNOTES FOR IDENTIFICATION OF ITEMS
- EXISTING ITEMS TO REMAIN
- NEW CONCRETE MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION
- NEW BRICK MASONRY CONSTRUCTION. SEE CONSTRUCTION KEYNOTES FOR ADDITIONAL INFORMATION

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.07.25

APPR	DATE	DESCRIPTION	INIT.

DESIGNED & ENGINEERED BY:
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JH DESIGN
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BRANCH MANAGER
DESIGN DIRECTOR

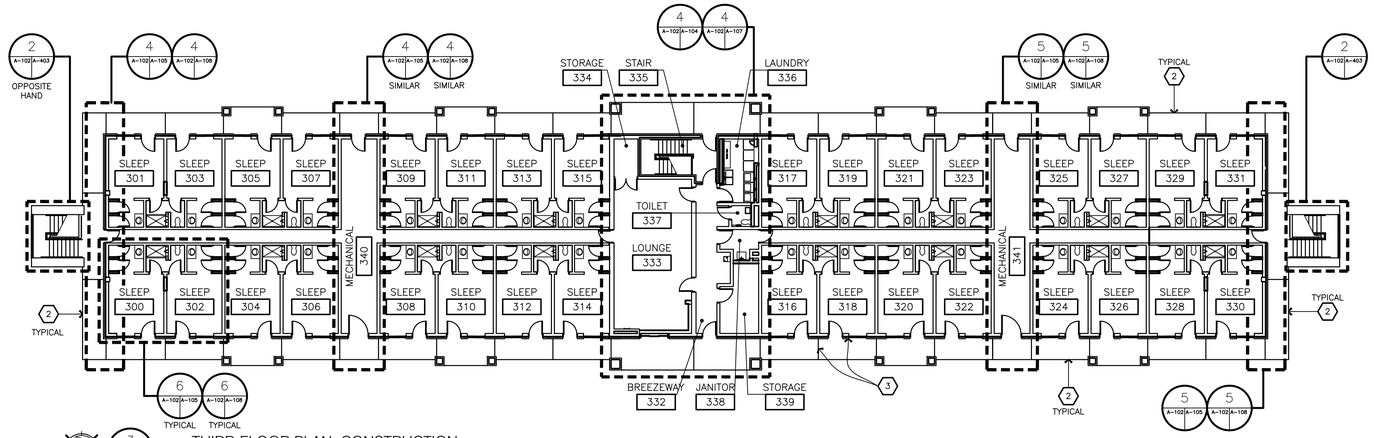
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

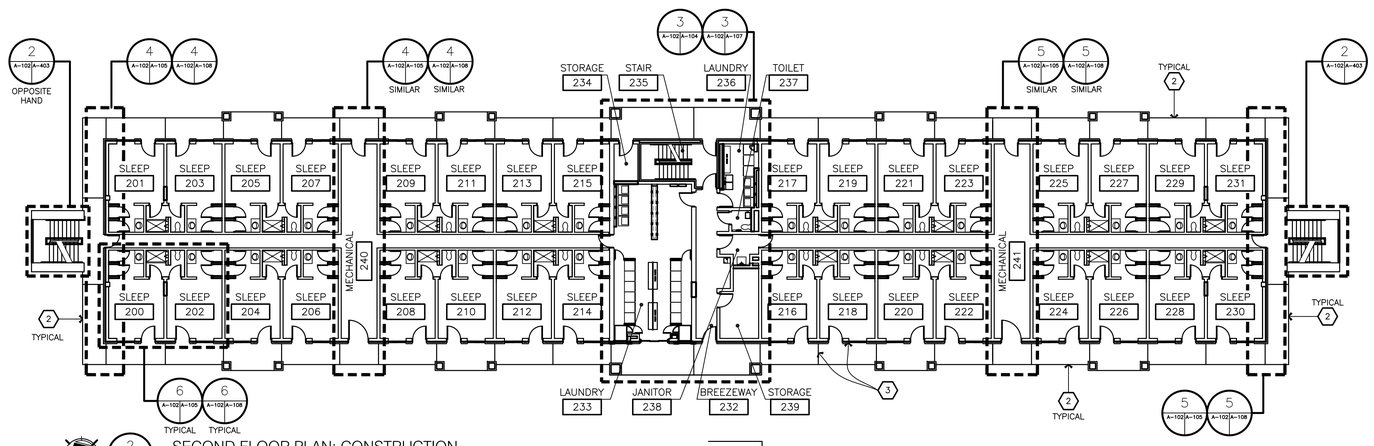
ENLARGED FLOOR PLANS CENTRAL CORE

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647568
SHEET 13 OF 101

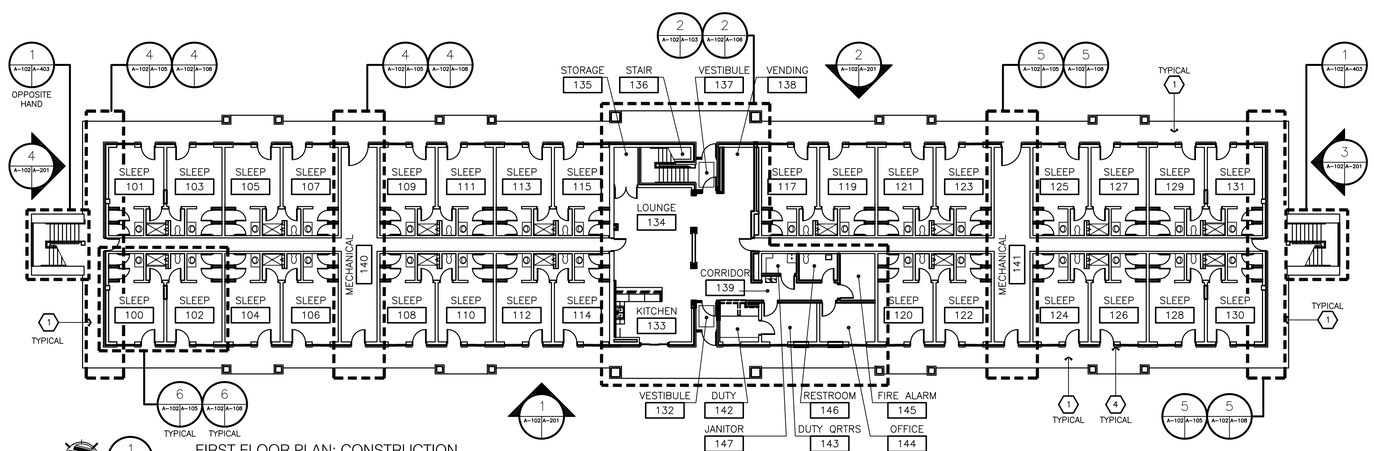
A-103



THIRD FLOOR PLAN: CONSTRUCTION
SCALE: 1/16"=1'-0"



SECOND FLOOR PLAN: CONSTRUCTION
SCALE: 1/16"=1'-0"



FIRST FLOOR PLAN: CONSTRUCTION
SCALE: 1/16"=1'-0"

GENERAL CONSTRUCTION NOTES

1. SEE ENLARGED CONSTRUCTION PLANS AS DENOTED FOR SPECIFIC CONSTRUCTION SCOPE OF WORK AT INDICATED AREAS.
2. ASBESTOS MATERIAL AND LEAD-BASED PAINT TESTING HAS BEEN PERFORMED ON EXISTING AREAS OF WORK. SEE THE SPECIFICATION FOR ASBESTOS MATERIAL AND LEAD-BASED PAINT REPORT RESULTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE STANDARD OF CARE REGARDING THE HANDLING OF ANY MATERIALS FOUND TO BE HAZARDOUS AND THE PROTECTION OF PERSONS FROM EXPOSURE.
3. ALL MATERIALS ARE TO BE CONSIDERED NEW UNLESS SPECIFICALLY REFERRED TO AS "EXISTING".
4. SEE LS-001 AND LS-002, LIFE SAFETY CODE COMPLIANCE SUMMARY AND LS-101, LIFE SAFETY PLAN FOR LOCATIONS AND HOURLY RATINGS OF FIRE RATED WALLS.
5. ALL DOORS SHOWN ARE NEW DOORS INSTALLED IN EXISTING FRAMES UNLESS NOTED OTHERWISE. SEE ENLARGED CONSTRUCTION PLANS AND DOOR SCHEDULE FOR NUMBERING AND IDENTIFICATION OF NEW DOORS.
6. POWERWASH ALL EXISTING CONCRETE WALKING SURFACES WHICH REMAIN, ENTIRE BUILDING INCLUDING STAIR RISERS AND TREADS. PREPARE SURFACES FOR SEALER APPLICATION OR RETROFIT STAIR TREAD INSTALLATION WHERE INDICATED.
7. PROVIDE NEW PAINT FINISH ON ALL PREVIOUSLY PAINTED INTERIOR AND EXTERIOR SURFACES UNLESS OTHERWISE NOTED. SEE FINISH SCHEDULE FOR INTERIOR FINISH DESIGNATIONS.
8. PROVIDE CONCRETE PATCHING TO DAMAGED AND/OR SPALLED AREAS OF EXISTING PRECAST CONCRETE BALCONY PLANKS AND EXISTING REINFORCED OUTRIGGERS. SPECIFIC AREAS FOR REPAIR ARE NOT IDENTIFIED, BUT REPAIRS ARE TYPICALLY REQUIRED AT THE UPPER EDGES OF THE OUTRIGGERS (WHERE THE PLANKS ABOVE BEAR ON THEM) AND AT THE CHAMFERED EDGES. SEE SHEET A-406 FOR TYPICAL REPAIR PROCEDURE AND PHOTOGRAPHS OF TYPICAL CONDITIONS TO BE FOUND. APPROXIMATELY (25) AREAS OF REPAIR HAVE BEEN IDENTIFIED.
9. SEE SHEET A-101 FOR OVERALL BUILDING DIMENSIONS.
10. SEE LS-101 FOR NEW FIRE EXTINGUISHER LOCATIONS.

KEYED CONSTRUCTION NOTES

APPLY TO THIS SHEET ONLY

1. EXISTING CONCRETE SIDEWALK UNLESS OTHERWISE NOTED. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
2. PROVIDE NEW PAINT FINISH AT EXISTING PAINTED STEEL BALCONY GUARDRAILS.
3. PROVIDE BACKER ROD AND SEALANT AT JOINT LOCATED BETWEEN THE EXISTING CONCRETE BALCONY PLANKS AND EXISTING BRICK MASONRY WALL AND AT JOINTS LOCATED BETWEEN THE EXISTING CONCRETE PLANKS, ENTIRE BUILDING PERIMETER. SEE 4/A-406 AND 5/A-406 FOR ADDITIONAL INFORMATION.
4. PROVIDE BACKER ROD AND SEALANT AT JOINT LOCATED AT EXISTING CONCRETE SLAB AND EXISTING BRICK MASONRY WALL, ENTIRE BUILDING PERIMETER. SEE 4/A-406 FOR ADDITIONAL INFORMATION.

AS-BUILT
RECORD DRAWING
LETTER DATED
2016.07.25

0 5' 10' 20' 30'
SCALE 1/16"= 1'-0"

SYM.	DESCRIPTION	DATE	APPR.

DESIGNED & ENGINEERED BY:
MAUNE BELANGIA FAULKENBERRY ARCHITECTS, PA
317-C Pollock Street, New Bern, NC 28560 Tel. 252.637.6373

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JH DESIGN
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PROJECT MANAGER
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
MARINE CORPS AIR STATION, CHERRY POINT, N.C.

REPAIRS TO BEQ 4168
MCAS CHERRY POINT, NC

COMPREHENSIVE FLOOR PLANS: CONSTRUCTION

STA. PROJ. NO. CP1302M
SPEC. NO.
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12647567
SHEET 12 OF 101
A-102

REFURBISH BEQ FACILITIES; B4168, and B4169;
MCAS CHERRY POINT, NORTH CAROLINA 28533-0006
WORK ORDER # 7593597

1.1 GENERAL INTENTION

The work includes multiple BEQ rehabs and incidental related work.

1.2 LOCATION

The work is located at B4168, and B4169, MCAS Cherry Point, approximately as indicated. The exact location will be shown by the Contracting Officer.

1.3 DETAILED REQUIREMENTS.

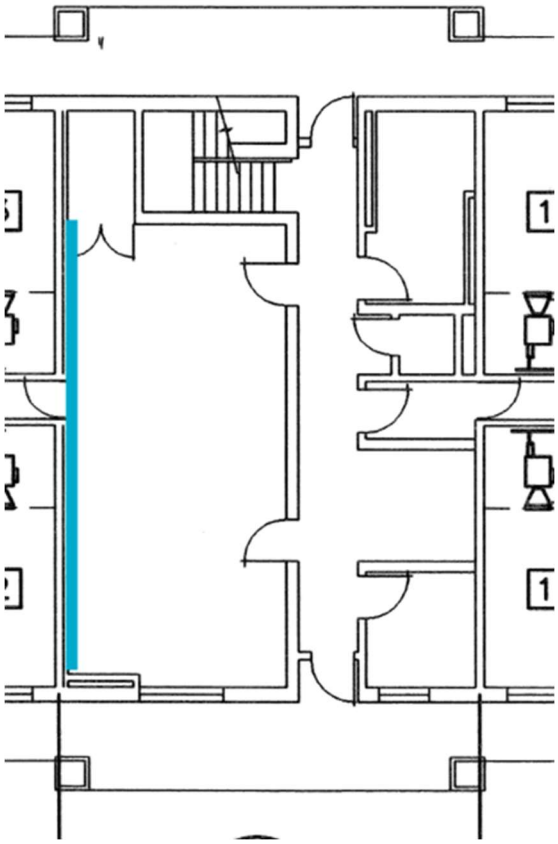
Removable Furniture, Appliances
INVENTORY, REMOVE, STORE, AND PROTECT EACH PIECE OF FURNITURE IN THE BUILDING. TYPICAL SLEEPING ROOM INCLUDES BUT IS NOT LIMITED TO: (2) METAL WARDROBES, (2) METAL RACKS, (2) MATTRESSES, (2) DESKS, (2) DESK CHAIRS, (2) NIGHT TABLES, AND (2) LAMPS, DORM SIZE REFRIGERATOR, MICROWAVE, RUGS, DRAPERIES, AND COMFORTERS. LOUNGE, LAUNDRY, AND DUTY FURNITURE INCLUDES BUT IS NOT LIMITED TO: (3) COUCHES, (10) CHAIRS, (12) WASHING MACHINES, (24) DRYERS, DESK, AND DESK CHAIR. INSTALL FURNITURE BACK INTO EACH ROOM WHEN CONSTRUCTION ACTIVITIES ARE COMPLETE IN THAT ROOM.

Painting
Paint all interior previously painted surfaces in BEQs B4168, and B4169.

Painting Finish Schedule:

Symbol	Color	Location	Notes	MPI Primer/ Intermediate/ Topcoat
PNT-1	SW 7105 PAPERWHITE	Typical walls and ceiling, Provide unless noted otherwise	Walls in Semigloss finish.	149/147/147
			Ceiling in Flat finish.	149/144/144

PNT-3	SW 6480 LAGOON	Accent wall in Lounge Rooms	See IMG-1 for typical accent wall location. Semigloss finish.	149/147/147



IMG – 1: Typical Lounge Room accent wall location highlighted in blue above

Painting Surface Area Breakdown (All numbers are approximate CTR shall field verify, the tables below cover 4168, and 4169.)
The total area to be painted is as follows:

Location	Surface	Area (sq ft) **B4168**	Area (sq ft) **B4169**
Barracks Rooms	Ceilings	24,553	30,692
	Walls	56,393	70,491

Bathrooms	Ceilings	2,745	3,294
	Walls	13,250	19,080
Laundry Rooms	Ceilings	1,506	1,506
	Walls	2,718	2,718
Duty Hut	Ceiling	175	175
	Walls	510	510
Hallways	Ceilings	344	344
	Walls	1,673	1,673
Lounge	Ceiling	1,100	1,100
	Walls	2,705	2,705
All Areas	Doors	14,112	17,136
Total Area		121,784	151,424

The contractor shall establish and maintain clearly marked barricades around all active work areas to prevent unauthorized entry and ensure the safety of barracks personnel.

All surfaces (walls, ceilings, and doors) must be properly prepared. This includes but is not limited to: Cleaning all surfaces to remove dirt, dust, and grease. Scraping and removing any loose or peeling paint. Patching any cracks, holes, or other imperfections. Sanding and smoothing all patched areas to blend with the surrounding surface. Protecting all floors, furniture, and fixtures from paint and debris using drop cloths and plastic sheeting.

A single coat of high-quality primer is to be applied to all specified surfaces to ensure proper paint adhesion and a uniform finish.

Two coats of high-quality, low-VOC interior latex paint are to be applied to all specified surfaces. The paint should be applied evenly and consistently, with no drips or runs.

The contractor will be responsible for daily cleanup of the work area, as well as a final, thorough cleaning upon project completion. This includes the removal of all

painting materials, debris, and protective coverings from the premises.

Flooring

Provide Solid Vinyl Plank with the following properties:
1. Conform to ASTM F1700 Class III printed (wood grain look), Type B (embossed). Provide 4.5” x 36” planks with unbeveled edge. The flooring must include a protective urethane for ease of maintenance and conform to ASTM E648, Type III Class I. The flooring must require a no wax finish. Provide vinyl flooring that is easily cleaned with off-the-shelf products. Surface finishes requiring manufacturer supplied or special-order cleaning solutions are not acceptable. Solid vinyl planks must meet ADA slip-resistance requirements.
2. Wear layer thickness (EN 429): 40 mils minimum
3. Fire Performance
a. Critical Radiant Flux (ASTM E648 and NFPA 253): > 0.45 W/cm, Class 1
b. Optical Smoke Density (ASTM E662 and NFPA 258) Non-Flaming DM Correct: < 450; Pass

Solid Vinyl Plank Basis of Design:
Mannington Commercial
AMTICO Signature Collection
AROW7510 GOLDEN OAK

Provide Resilient Floor Base with the following properties:
1. Conform to ASTM F1861, Type TS (vulcanized thermoset rubber) or Type TP (thermoplastic rubber), Style B (coved – installed with resilient flooring). Provide 4” high and a minimum 1/8” thick wall base. Provide job formed corners in matching height, shape, and color.

Resilient Floor Base Basis of Design:
Johnsonite
Traditional Wall Base
47 Brown

Flooring Area Breakdown
The total area for flooring replacement is as follows:

Location	Area (sq ft) **B4168**	Area (sq ft) **B4169**

Lounge Rooms	1,100	1,100
Barracks Rooms	24,553	30,692
Laundry Room	1,506	1,506
Duty Hut	175	175
Head	3294	4206
Hallway	344	344
Total Area	27,334	38,023

Remove and dispose of all existing flooring materials, including any underlayment, tack strips, and adhesives, from the specified areas. Properly dispose of all removed materials off-site.

All subfloor surfaces must be properly prepared to ensure a smooth, and solid base for the new LVP flooring. This includes but is not limited to: Thoroughly cleaning the subfloor. Grinding or sanding down any high spots. Filling any cracks, holes, or low spots with an appropriate leveling compound. Ensuring the entire subfloor is level to the LVP manufacturer's specifications.

Install new, high-quality Luxury Vinyl Plank (LVP) flooring according to the manufacturer's installation guidelines. Install new underlayment if required by the LVP manufacturer or project specifications. Ensure all planks are properly seated, with tight seams and no gaps.

Install new rubber cove base like and kind to existing in all areas where new flooring is installed. Fill voids along the top edge of base at masonry walls with caulk. Install transition strips as needed between different flooring types (e.g., at doorways leading to bathrooms or hallways).

Showers

The following work is to be performed in both B4168 and 4169.

Perform a thorough deep cleaning of all interior shower surfaces, including walls, floors, and fixtures. Use appropriate commercial-grade cleaning agents to remove all

soap scum, hard water deposits, body oils, and any visible surface mold or mildew.

Carefully cut and completely remove all existing caulk from all joints, seams, and corners within the showers approximately 80 linear feet per shower. This includes the seams between wall panels, around the shower pan/base, and around any fixtures or penetrations.

Thoroughly clean all joints and seams where caulk was removed to eliminate any mold, mildew, or residue. Ensure all surfaces are completely dry before applying new caulk. Isopropyl alcohol should be used as a final cleaning step to remove any remaining moisture and contaminants.

Apply a new bead of, 100% silicone, mold and mildew-resistant caulking to all prepared joints and seams. Tool the new caulk bead to create a smooth, concave, and watertight seal.

Clean the work area daily and remove all old caulking, used materials, and other debris from the premises upon completion of each unit. The contractor must clearly communicate the required cure time for the new caulking, during which the showers must not be used.

Lighting

Replace all existing indoor fixtures at B4168 and B4169. In typical bedroom layout replace existing 2’ x 4’ surface mounted light, and 3’ vanity strip light. In common room, hallways, small laundry rooms, and stairwell replace existing 2’ x 4’ Surface Mounted Light. In stairwells replace existing 4’ wall light. In electrical/mechanical room replace existing 8’ and 4’ surface mounted strip light.

See table below for fixture replacement guidelines in B4168 and 4169. The new fixtures shall be equivalent or superior in light output (lumens) and quality to the fixtures being replaced. Ensure all electrical connections are secure and comply with all applicable electrical codes. Mount each fixture securely to the existing junction box or ceiling structure.

Lighting Schedule				
Descriptions	Voltage/Ph	Ballast Type/ Quantity	Lumens	Total Watts

2′ x 4′ LED Surface Mounted Light	120V/1Ph	1-Elec Driver	3500 LUM/35k	28
4′ LED Stairwell Wall light	120V/1Ph	1-Elec Driver	3500 LUM/35k	28
3′ LED Vanity Strip Light	120V/1Ph	1-Elec Driver	2500 LUM/35k	32
8′ LED Surface Mounted Strip Light	120V/1Ph	1-Elec Driver	4000 Lum/35k	75
4′ LED Surface Mounted Strip Light	120V/1Ph	1-Elec Driver	4000 Lum/35k	38

Implement proper Lockout/Tagout (LOTO) procedures to de-energize all circuits being worked on. Power must remain off for the duration of the work in each area.

Safely disconnect and remove approximately 320 existing interior light fixtures in building 4169. Safely disconnect and remove approximately 260 existing interior light fixtures in building 4168. Inspect the existing wiring and junction boxes for damage, wear, or code deficiencies. Any issues discovered must be immediately reported to the COR before proceeding with the installation of the new fixture.

After installation is complete in each area, safely re-energize the circuits. Functionally test every new light fixture to confirm installation is complete in each area, safely re-energize the circuits. Functionally test every new light fixture to confirm it operates correctly. Verify that existing wall switches properly control the new fixtures.

Clean the work area daily, ensuring it is free of hazards. Upon project completion, remove all old fixtures, lamps, ballast, packaging, and installation-related debris from the facility. The contractor is responsible for the lawful disposal of all removed components, adhering to all local, state, and federal environmental regulations, particularly for components containing hazardous materials (e.g., fluorescent lamps, ballasts).

1.4 SPECIAL SCHEDULING REQUIREMENTS

Have materials, equipment, and personnel required to perform the work at the site prior to the commencement of the work.

The BEQ's will remain in operation during the entire construction period. The Contractor must conduct his operations so as to cause the least possible interference with normal operations of the activity. The CTR may work on both barracks at the same time but work shall be performed on one floor at a time.

Permission to interrupt any activity roads, railroads, or utility service must be requested in writing a minimum of 15 calendar days prior to the desired date of interruption and in accordance with section 1.10.

1.5 CONTRACTOR ACCESS AND USE OF PREMISES

1.5.1 ACTIVITY REGULATIONS

Ensure that Contractor personnel employed on the Activity become familiar with and obey Activity regulations including safety, fire, traffic and security regulations. Keep within the limits of the work and avenues of ingress and egress. Wear hard hats in designated areas. Do not enter any restricted areas unless required to do so and until cleared for such entry. Mark Contractor equipment for identification.

1.5.1.1 SUBCONTRACTORS AND PERSONNEL CONTACTS

Provide a list of contact personnel of the Contractor and subcontractors including addresses and telephone numbers for use in the event of an emergency. As changes occur and additional information becomes available, correct and change the information contained in previous lists.

1.5.1.2 INSTALLATION ACCESS

Obtain access to Navy and Marine Corps installations through participation in the Defense Biometrics Identification System (DBIDS). Requirements for Contractor employee registration, and transition for employees currently under Navy Commercial Access Control System (NCACS), are available at https://www.cnic.navy.mil/om/dbids.html. No fees are associated with obtaining a DBIDS credential.

Participation in the DBIDS is not mandatory, and Contractor personnel may apply for One-Day Passes at the Base Visitor Control Office to access an installation.

1.5.1.3.1 REGISTRATION FOR DBIDS

Registration for DBIDS is available at https://www.cnic.navy.mil/Operations-and-Management/Base-Support/DBIDS/. Procedure includes:

Present a letter or official award document (i.e. DD Form 1155 or SF 1442) from the Contracting Officer that provides the purpose for access to the Base Visitor Control Center representative.

Present valid identification, such as a passport or Real ID Act-compliant state driver's license.

Provide completed SECNAV FORM 5512/1 to the Base Visitor Control Center representative to obtain a background check. This form is available for download at https://www.cnic.navy.mil/Operations-and-Management/Base-Support/DBIDS/.

Upon successful completion of the background check, the Government will complete the DBIDS enrollment process, which includes Contractor employee photo, fingerprints, base restriction and several other assessments.

Upon successful completion of the enrollment process, the Contractor employee will be issued a DBIDS credential and will be allowed to proceed to worksite.

1.5.1.3.2 DBIDS ELIGIBILITY REQUIREMENTS

Throughout the length of the contract, the Contractor employee must continue to meet background screen standards. Periodic background screenings are conducted to verify continued DBIDS participation and installation access privileges. DBIDS access privileges will be immediately suspended or revoked if at any time a Contractor employee becomes ineligible.

An adjudication process may be initiated when a background screen failure results in disqualification from participation in the DBIDS, and Contractor employee does not agree with the reason for disqualification. The Government is the final authority.

1.5.1.3.3 DBIDS NOTIFICATION REQUIREMENTS

Immediately report instances of lost or stolen badges to the Contracting Officer.

Immediately collect DBIDS credentials and notify the Contracting Officer in writing under the following circumstances:

An employee has departed the company without having properly returned or surrendered their DBIDS credentials.

There is a reasonable basis to conclude that an employee, or former employee, might pose a risk, compromise, or threat to the safety or security of the Installation or anyone therein.

1.5.1.3.4 ONE-DAY PASSES

Personnel applying for One-Day passes at the Base Visitor Control Office are subject to daily mandatory vehicle inspection and will have limited access to the installation. The Government is not responsible for any cost or lost time associated with obtaining daily passes or added vehicle inspections incurred by non-participants in the DBIDS.

1.5.1.4 NO SMOKING POLICY

Smoking is prohibited within and outside of all buildings on installation, except in designated smoking areas. This applies to existing buildings, buildings under construction and buildings under renovation. Discarding tobacco materials other than into designated tobacco receptacles is considered littering and is subject to fines. The Contracting Officer will identify designated smoking areas.

1.5.2 WORKING HOURS

Regular working hours shall consist of an 8 1/2 hour period normally between the hours of 7:00 am to 3:30 pm, Monday through Friday, excluding Government holidays.

1.5.3 WORK OUTSIDE REGULAR HOURS

Work outside regular working hours requires Contracting Officer approval. Make application 15 calendar days prior to such work to allow arrangements to be made by the Government for inspecting the work in progress, giving the specific dates, hours, location, type of work to be performed, contract number and project title. Based on the justification provided, the Contracting Officer may approve work outside regular hours. During periods of darkness, the different parts of the work must be lighted in a manner approved by the Contracting Officer. Make utility cutovers after

normal working hours or on Saturdays, Sundays, and Government holidays unless directed otherwise.

1.5.4 EXCLUSIONARY PERIOD

No work must be performed during the period nights to weekends, inclusive, without prior written approval of the Contracting Officer. This period has not been considered in computing the time allowed for the performance of this contract.

1.5.5 OCCUPIED BUILDINGS

The Contractor shall be working in an existing building which are occupied. Do not enter the buildings without prior approval of the Contracting Officer.

The existing buildings and their contents must be kept secure at all times. Provide temporary closures as required to maintain security as directed by the Contracting Officer.

Relocate movable furniture, inventory, remove, store, and protect each piece of furniture in the building, and replace the furniture in their original locations upon completion of the work. Leave attached equipment in place, and protect them against damage, or temporarily disconnect, relocate, protect, and reinstall them at the completion of the work.

1.5.6 UTILITY CUTOVERS AND INTERRUPTIONS

Make utility cutovers and interruptions after normal working hours or on Saturdays, Sundays, and Government holidays. Conform to procedures required in the paragraph "Work Outside Regular Hours."

Ensure that new utility lines are complete, except for the connection, before interrupting existing service.

Interruption to water, sanitary sewer, storm sewer, telephone service, electric service, air conditioning, heating, fire alarm, and compressed air are considered utility cutovers pursuant to the paragraph entitled "Work Outside Regular Hours."

Operation of Station Utilities: The Contractor must not operate nor disturb the setting of control devices in the station utilities system, including water, sewer, electrical, and steam services. The Government will operate the control devices as required for normal conduct of the work. The Contractor must

notify the Contracting Officer giving reasonable advance notice when such operation is required.

1.6 SECURITY REQUIREMENTS

1.6.1 STATION REGULATIONS

No employee or representative of the contractor will be admitted to the work site without an Identification Badge or is specifically authorized admittance to the work site by the FEAD, Facilities Engineering & Acquisition Division.

IMPORTANT NOTE: FEAD personnel (Construction Managers, Engineers/Architects, Engineering Technicians, Contract Specialists, or Contract Surveillance Representatives) will not receive, process, re-transmit or otherwise handle IN ANY WAY Personally Identifiable Information (PII) related to the badging process. Do NOT forward any of this information to the FEAD.

1.6.2 CONTRACTOR ACCESS TO MCAS CHERRY POINT AND OUTLYING AREAS

Documentation requirements for granting access to MCAS Cherry Point for commercial and contract employers and employees. This document is an aid in meeting ASO 5560.6B requirements and is not a substitute for the order.

The Pass & Identification Office at Building 251 will issue credentials to authorized contractors. Sub-Contractors and suppliers must coordinate through the Prime-Contractor.

Criminal Activity. In accordance with ASO 5560.6B, the below list of criminal activities within an applicant's record are considered not in the best interest of the Marine Corps and will be grounds for automatic denial of access aboard the Installation:

a. Conviction for espionage, sabotage, sedition, treason, terrorism, armed robbery, or murder.

b. Felony conviction for a firearms or explosives violation, regardless of the date of conviction.

c. Conviction of crimes encompassing sexual assault or rape.

d. Conviction of crime encompassing child molestation, or the possession or production of child pornography.

e. Conviction of trafficking in persons.

f. Conviction of drug possession with intent to sell or distribute.

g. Convicted of three or more misdemeanor violations, or attempted violations, within the previous 10 years of the following offenses:

(1) Sex crime
(2) Assault
(3) Larceny
(4) Drugs
(5) Weapons

Persons requesting access to MCAS Cherry Point will be denied access based on the following:

a. The individual is a registered sex offender.

b. The individual has an active arrest warrant from Federal, State, local, or other civil law enforcement authorities, regardless of offense or violation.

c. The individual has a felony conviction within the last 10 years, regardless of the offense or violation.

d. The individual's name appears on any Federal or State agency watch list for criminal behavior or terrorist activity.

e. The individual is debarred entry or access to a Marine Corps site, other DoD installations or facilities, or other Federal site or facility.

f. The individual engaged in acts or activities designed to overthrow the U.S. Government by force.

g. The individual is known to be or reasonably suspected of being a terrorist or belongs to an organization with known terrorism links/support.

h. The individual is identified in the National Crime Information Center (NCIC) known suspected terrorist (KST) file, or the Terrorist Screening Database (TSDB) report as known to be, or suspected of being, a terrorist or belonging to an organization with known links to terrorism or support of terrorist activity. If an individual is identified on the NCIC KST files or TSDB, the

Provost Marshal's Office (PMO) will immediately call the NCIS Multiple Threat Alert Center (MTAC) for further coordination. The MTAC will coordinate with the Department of Justice or Federal Bureau of Investigation (FBI) and provide handling instructions to MCAS Cherry Point Police, Criminal Investigations Division (CID), or NCIS.

i. The individual is illegally present in the U.S.

j. The individual has knowingly submitted an employment questionnaire with false or fraudulent information.

k. The individual is a prisoner on a work-release program or currently on felony probation or parole.

l. The individual is pending any felony charge.

m. The individual has criminal arrest information that the site commander determines the person presents a threat to good order, discipline, or health and safety on the Marine Corps site.

n. Any reason the Installation Commander deems reasonable for good order and discipline.

1.6.3 STAGING AREA

The contractor staging area will be (PM to coordinate). Amount of material on site shall be kept to a minimum and shall only be material that is pertinent to the work currently being performed. All stockpiling of equipment and materials shall be closely coordinated with the Government and shall not disrupt activities at the site.

1.7 MINIMUM INSURANCE REQUIREMENTS

Provide the minimum insurance coverage required by FAR 28.307-2 Liability, during the entire period of performance under this contract. Provide other insurance coverage as required by North Carolina Law.

1.8 SUPERVISION

The complexity of this project will require one person to fill the roles of the Superintendent, Quality Control Manager, and Site Safety and Health Officer.

1.9 SUBMITTALS

The following items shall have submittals delivered to the COR for approval by the government prior to the commencement of site work.

PAINTING

PRODUCT DATA
Coating
Product Data Sheets

FLOORING

PRODUCT DATA
Vinyl Flooring
Resilient Base
Adhesives

SAMPLES
Vinyl Flooring
Resilient Base

WARRANTIES
Warranties

LIGHTING

PRODUCT DATA
Product Data Sheets

1.10 PLANNED OUTAGES AND SERVICE DISRUPTIONS

Planned outages and service disruptions are requested by the contractor for approval by the Government when necessary to facilitate and/or accomplish contract work. Affected services include utilities (steam, water, wastewater, and electrical service), communications (telephone, network, industrial control systems, and fire/security alarm systems, fire protection equipment, infrastructure, and road closures. Disruption of these services cannot be allowed without written approval of the government.

The contractor is required to 1) request the outage in writing and 2) demonstrate sufficient contingency preparedness in the event that service cannot be restored due to a failure in accomplishment of contract work.

All outages require Contractor's written request fifteen (15) days prior to commencement of such work. The request shall be submitted to the COR with the date, time, duration, and scope of the outage.

As supporting documentation for the request, the contractor is require to submit a contingency plan for all reasonably foreseen risks related to the contractor's performance of the work that would impact disrupted services in excess of the approved outage. This plan must demonstrate the following at a minimum.

Understanding of key personnel and communications methods to include phone numbers.
Analysis of reasonable risks during the contract work that would impact disrupted services in excess of the approved outage.
An effective recovery plan to restore minimum essential services in the event of these risks materializing.
Requested government support.

The government will similarly produce risk-based contingency plans for restoration of essential services caused by reasonably foreseen factors that are not related to the performance of the contract. In these cases, the government may request the contractor make additional preparations to support essential and high risk services. Such requests are considered within the scope of this contract but will be priced and negotiated via modification as conditions warrant.

Approvals will be issued by the Public Works Officer or his/her designee and transmitted via the COR.

1.11 GOVERNMENTAL SAFETY REQUIREMENTS

Personal protective equipment (PPE) is governed in all areas by the nature of the work the employee is performing. Use personal hearing protection at all times in designated noise hazardous locations or when performing noise hazardous tasks. Safety glasses must be worn or carried/available on each person. Mandatory PPE includes: hard hats, long pants, appropriate safety shoes, and appropriate class reflective vest.

Comply with the Safety and Health Requirements Manual (EM 385-1-1), NFPA 70, NFPA 70E, NFPA 241, the Accident Prevention Plan (APP), the Activity Hazard Analysis (AHA), Federal and State OSHA regulations, and other related submittals and activity fire and safety regulations. The most stringent standard prevails.

An APP in accordance with EM 385-1-1, ENG Form 6293, is required.

An AHA in accordance with EM 385-1-1, is required for each activity or task.

1.12 EXECUTION

If during the course of the work, conditions are encountered which are not covered in the contract or are different from conditions that would be reasonably anticipated, the contractor shall immediately notify the Contracting Officer. If such conditions are hazardous or the continuation of work would cause a hazardous condition to develop, the contractor shall stop work and proceed as directed by the Contracting Officer as directed by provisions contained in other sections of this specification. This may include modifications to, or the development of a new, Health and Safety Plan for this project, and alternate or additional appropriate abatement procedures.

1.13 CLOSEOUT SUBMITTALS

1.13.1 SPARE PARTS DATA

Submit two copies of the Spare Parts Data list. Indicate manufacturer's name, part number, nomenclature, and stock level required for maintenance and repair. List those items that may be standard to the normal maintenance of the system.

1.13.2 WARRANTY MANAGEMENT PLAN

Develop a warranty management plan which contains information relevant to FAR 52.246-21 Warranty of Construction. Submit two sets of the warranty management plan. Include within the warranty management plan all required actions and documents to assure that the Government receives all warranties to which it is entitled. The plan narrative must contain sufficient detail to render it suitable for use by future maintenance and repair personnel, whether tradesmen, or of engineering background, not necessarily familiar with this contract. The term "status" as indicated below must include due date and whether item has been submitted or was accomplished. Assemble approved information in a binder and turn over to the Government upon acceptance of the work. The construction warranty period must begin on the date of project acceptance and continue for the full product warranty

period. The warranty management plan must include, but is not limited to, the following:

a. Roles and responsibilities of personnel associated with the warranty process, including points of contact and telephone numbers within the organizations of the Contractors, subcontractors, manufacturers or suppliers involved.

b. For each warranty, the name, address, telephone number, and email of each of the guarantor's representatives nearest to the project location.

c. A list and status of delivery of Certificates of Warranty for extended warranty items, including roofs, HVAC balancing, pumps, motors, transformers, and for commissioned systems, such as fire protection and alarm systems, sprinkler systems, and lightning protection systems.

d. As-Built Record of Equipment and Materials list for each warranted equipment, item, feature of construction or system indicating:

(1) Name of item.
(2) Model and serial numbers.
(3) Location where installed.
(4) Name and phone numbers of manufacturers or suppliers.
(5) Names, addresses and telephone numbers of sources of spare parts.
(6) Warranties and terms of warranty. Include one-year overall warranty of construction, including the starting date of warranty of construction. Items which have extended warranties must be indicated with separate warranty expiration dates.
(7) Cross-reference to warranty certificates as applicable.
(8) Starting point and duration of warranty period.
(9) Summary of maintenance procedures required to continue the warranty in force.
(10) Cross-reference to specific pertinent Operation and Maintenance manuals.
(11) Organization, names and phone numbers of persons to call for warranty service.
(12) Typical response time and repair time expected for various warranted equipment.

e. Procedure and status of tagging of equipment covered by extended warranties.

f. Copies of instructions to be posted near selected pieces of equipment where operation is critical for warranty or safety reasons.

1.13.3 OPERATION & MAINTENANCE MANUALS

Provide four electronic copies of the Operation and Maintenance Manual files. Submit to the Contracting Officer for approval 30 days before the Beneficial Occupancy Date (BOD). Update and resubmit files for final approval at BOD.