

# PWD CAMP LEMONNIER EXECUTABLE SCOPE OF WORK

**Work Order Number:** 1518182  
**Building or Location:** BLDG 213  
**Project Title:** RENOVATE BUILDING 213  
**Customer:** LT James R. Corbett  
**Executable Scope of Work By:** Virgilio Raquepo  
**Date:** 22 December 2015

## Executive summary of work:

The intent of this project is to renovate Building 213. The work will include but not limited to demolition and replacement of existing light fixtures, floor finish, ceiling, steel door, interior painting and setting up new furnitures. New furnitures shall be Government furnished.

## Period of Performance:

The contractor under this contract shall be required to execute the work diligently and complete the entire work ready for use within **60 calendar days** from the date of award.

## Points of Contact:

PWD Military Point of Contact:  
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PWD Technical Point of Contact:  
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DSN: 311-824-5693

**Site Safety:** The Contractor shall comply with the EM 385-1-1, USACE Safety and Health Manual and all Camp Lemonnier and NAVFAC Safety Instructions. Should there be any conflicts between the above referenced safety regulations, the most stringent shall apply.

## References:

- a. Construction shall be in accordance with the latest editions of the following references, applicable codes and standards current at time of award. References are available at [www.wbdg.org](http://www.wbdg.org). The advisory provisions of all codes and standards shall be mandatory, as though the word "shall" had been substituted for "should" wherever it appears.
  1. International Building Code (IBC): Such sections that are applicable to the work to be performed.

2. Unified Facilities Guide Specification (UFGS): Such sections that are applicable to the work to be performed.
3. Department of Defense (DOD) 4715.05 – G, Overseas Environmental Baseline Guidance.
4. National Fire Protection Association(NFPA): Such sections that are applicable to the work to be performed.
5. National Electric Code (NEC): Such sections that are applicable to the work to be performed.
6. United Facilities Criteria(UFC): Such sections that are applicable to the work to be performed.

### **Contractor Requirements:**

1. The contractor shall provide all labor, materials, equipment, supervision, Quality Control, Safety Personnel and management required to perform all works as described herein in accordance with appropriate industry practice and standards. The Contractor shall to the fullest extent possible, make use of locally available, commercial-off-the shelf items and/or materials. Contractor to field verify existing site condition prior to submitting proposal. Any discrepancy found shall be brought to the attention of the Government Representative. Perform work in a manner to prevent or minimize disruption to camp operations.

### **Work shall be completed as listed below:**

#### **A.) ARCHITECTURAL**

1. Repair roof hole located at southwest corner of building. Trace all other roof leaks and seal with roof sealant that will not sag in summer heat and can withstand the hottest temperature in Djibouti at more than 115 deg. F.
2. Remove and dispose existing 2' x 4' x ½" acoustic ceiling tiles. Repair damaged portion of ceiling hangers, provide and install new 2' x 4' x 1/2" acoustic ceiling tiles.
3. Remove and dispose existing vinyl floor mat. Repair deteriorated portion of of existing plywood floor sheathing as necessary. Provide and install new vinyl floor tiles, 12" x 12" x0.12" thick, alpine marble beige color, scratch resistant, skid resistant and stain resistant.
4. Remove and dispose existing wood cove base. Provide and install new 4" x 1/8" thermoplastic rubber cove base, 700 series almond.
5. Remove and dispose existing 32" x 80" steel door and frame including door closer. Provide and install new 32" x 80" x 1-3/4" steel door and frame including door closer, locksets and associated hardwares. New door shall be galvanized steel, 1.2mm thick with honeycomb core, left hand. New door frames shall be galvanized steel 1.5mm thick. Door closer shall be heavy duty hydraulic. Lockset shall be 1 ea. standard lever and 1 ea. push button lock simplex 900 series, equal or better than the existing.
6. Seal/patch all visible holes on walls, inside and outside, and paint finish to match color of wall.
7. Remove plastic backing of all existing window glass panels, clean up windows, window grills and walls inside and outside. Install reflective or sun control window film on each windows.
8. Paint interior surface of walls with 2 coats enamel, color ice blue. Paint exterior surface of walls including window grills with 2 coats enamel, color light gray.

9. Provide new white board and mount at west wall, north side of door. White board shall be 3'H x 5'W porcelain steel marker board, aluminum frame and tray, 1"maprail.
10. Setup new Government furnished furnitures listed below:
  - a. 2ea. conference table, rectangle, 168" x 48"
  - b. 16ea. leather conference chairs
  - c. 1ea. office desk 60" x 30"

#### **B.) ELECTRICAL**

1. Removal of existing 110V and 220V receptacle/power outlets, including wiring and raceways.
2. Removal of existing five (5) Interior Lighting Fixtures.
3. Supply and Installation of eight (8) Duplex power outlets for 220V supply
  - a. Supply, install and terminate #12 AWG -3 core cables concealed to ¾" diameter Electrical Metallic Tubing (EMT) with necessary and appropriate/acceptable junction box, uni-strut mounting, connectors and fittings.
  - b. Provide proper and acceptable labels on each receptacle/power outlets.
  - c. Power/Receptacles shall be mounted 16" minimum above the finished floor level.
  - d. These power outlets shall be fed from existing, 220/380V Main Distribution Panel.
4. Supply and Installation of six (6) quad/four-plex power outlets for 110V supply.
  - a. Supply, install and terminate #12 AWG -3 core cables concealed to ¾" diameter Electrical Metallic Tubing (EMT) with necessary and appropriate/acceptable junction box, uni-strut mounting, connectors and fittings.
  - b. Provide proper and acceptable labels on each receptacle/power outlets.
  - c. Power/Receptacles shall be mounted 16" minimum above the finished floor level.
  - d. These power outlets shall be fed from the existing, 110V/208V Distribution Panel.
5. Supply and Installation of six (6) Interior Lighting Fixture, Grid Ceiling recessed mounted 2' x 2' at least two 32 watts LED lamp on each fixture, acrylic, vandal type with diffuser, including lamps, mounting hardware and connections.
  - a. Supply and install a 2 gang light switch to control lighting fixtures evenly and shall be mounted of 4' above finished floor level.
  - b. Supply, install and terminate #12 AWG -3 core cables concealed with necessary and appropriate/acceptable mounting, connectors and fittings.
6. All Communication lines (LAN and Telephone Outlets) are not included in the scope.

#### **Dispose of all construction debris from the site:**

The Contractor shall coordinate with the Contracting Officer for any requirements in disposing debris off site.

#### **Protection of Government Property:**

Take extra care to prevent any damage to the existing Camp facilities, equipment, utilities and improvements in the area. Any damage made to the existing Government property while executing this contract shall be replaced or repaired by the Contractor to the satisfaction of the Government without any cost to the Government. Contractor shall only use a staging area that has been approved by the Contracting Officer.

#### **Submittals:**

1. Pre-Construction Submittals

- a. Bonds and Insurance
  - b. List of proposed Subcontractors
  - c. List of proposed products
  - e. Construction progress schedule
  - f. Site Specific Quality Control (QC) Plan
  - g. Site Specific Health and Safety Plan to include APP, AHA, Crane Critical Lift Plan
  - h. Environmental protection Plan
  - i. Product data/Specification of Lighting fixture, Low voltage cables and 110 & 220V Receptacles/Power outlets.
2. Daily Production and Quality Control Reports due not later than 1000 hours the next day to include before and after photographs.
3. Test Reports
    - a. Submit LV test report(Insulation/resistance test)
4. Post-Cconstruction Submittals
    - a. As-built drawing
    - b. Operation and Maintenance manuals locksets

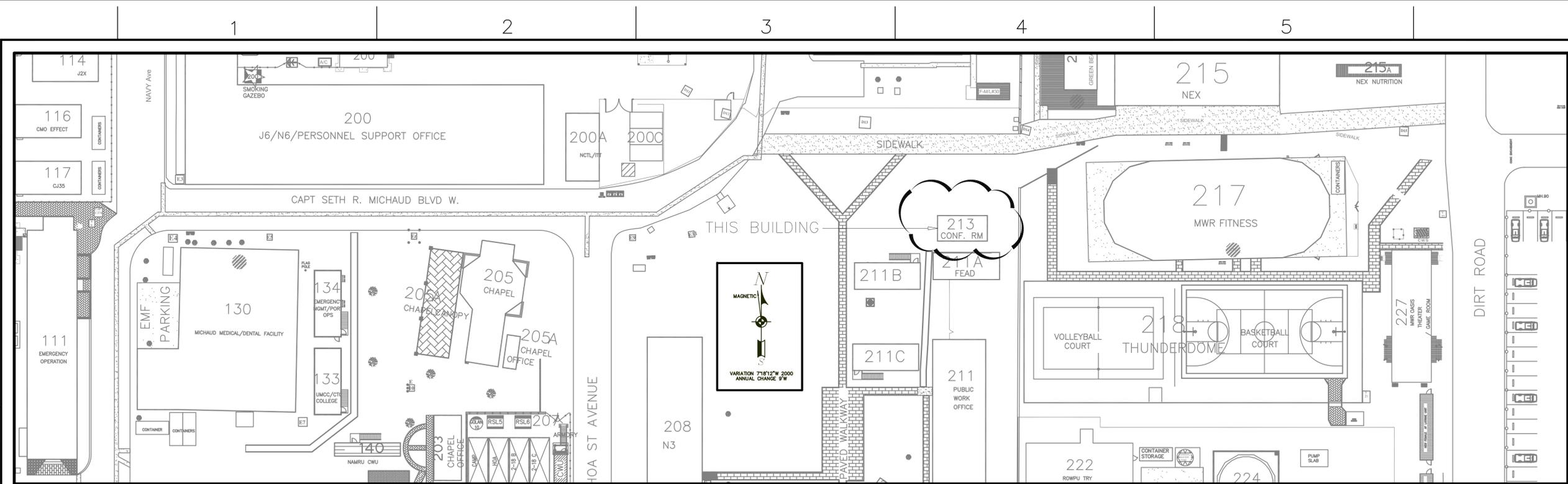
**Government Furnished Material/Equipment (GFE):**

1. 1 ea. – new conference table 168" x 48"
2. 16 ea. – new leather conference chair
3. 1 ea. – new office desk 60" x 30"

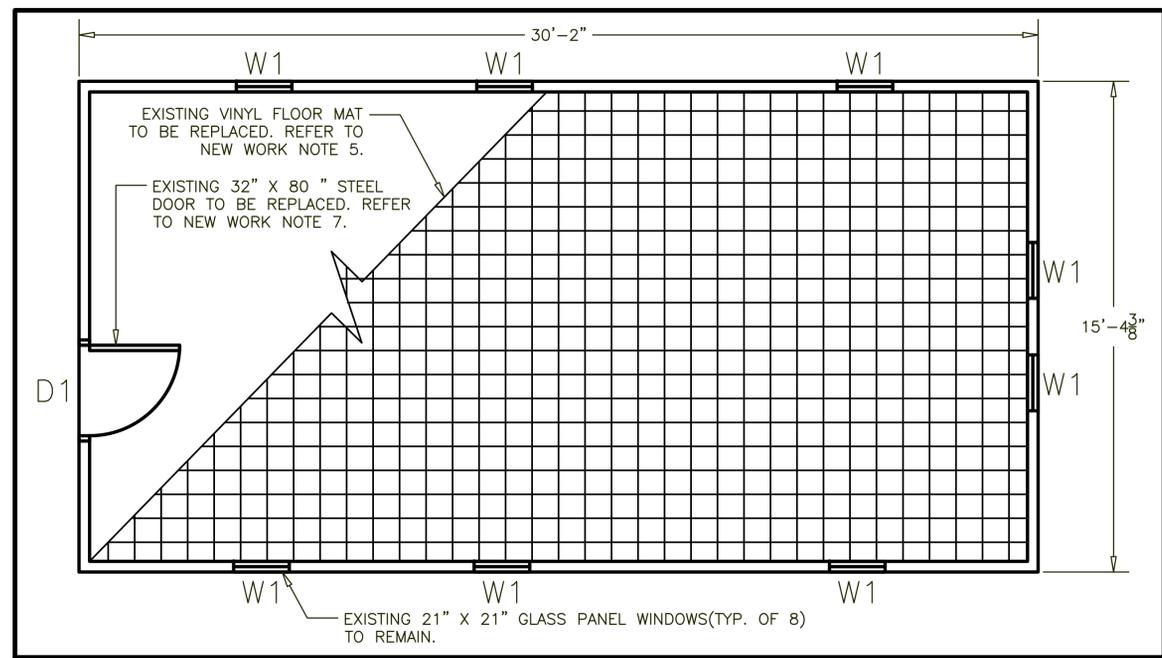
**Attachments:**

1. Drawing #'s 14048220 –14048224

**END**

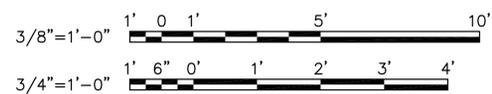


**LOCATION PLAN**  
SCALE: NOT TO SCALE



**FLOOR PLAN - EXISTING**  
SCALE: 3/8" = 1' - 0"

**GRAPHIC SCALES:**



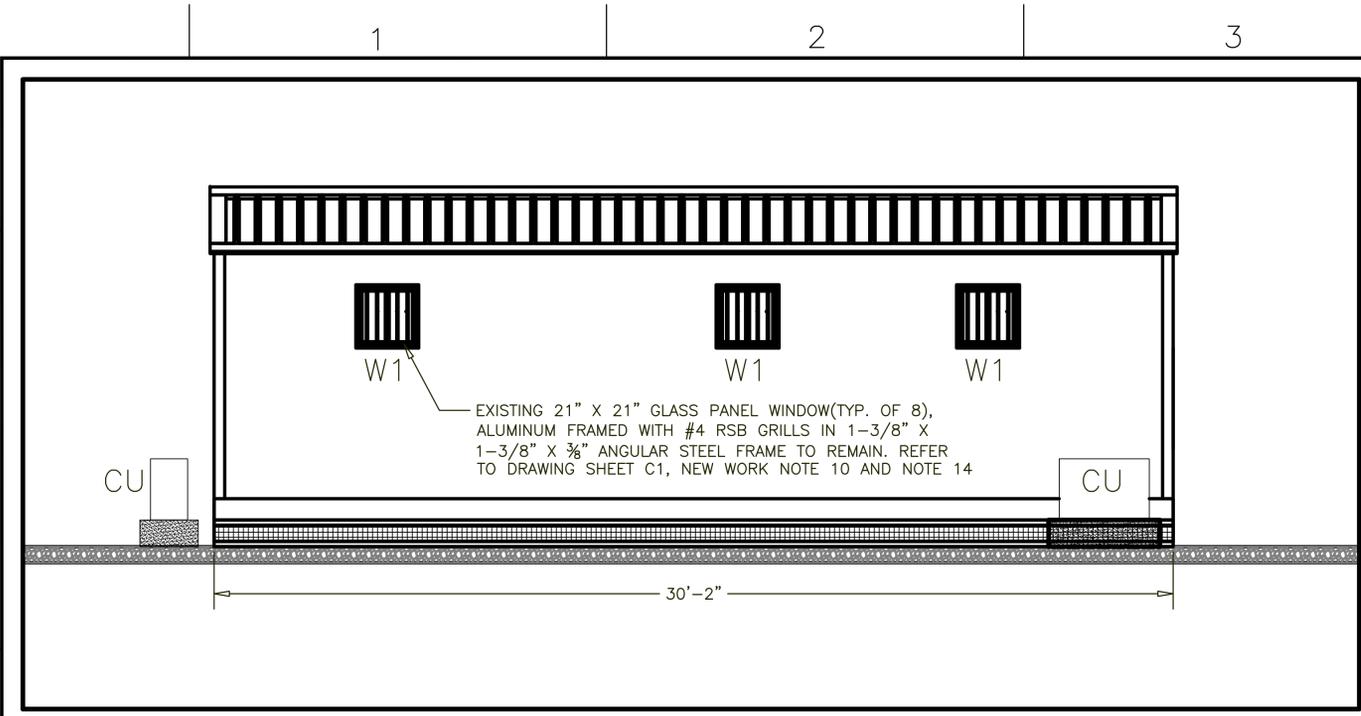
**DEMOLITION NOTES:**

1. REMOVE AND DISPOSE EXISTING 2' X 4' X 1/2" ACCOUSTIC CEILING TILES.
2. REMOVE AND DISPOSE EXISTING LIGHT SWITCH AND POWER OUTLETS INCLUDING WIRINGS, CONDUITS, WIRE DUCTS AND OTHER ACCESSORIES. COMMUNICATIONS/LAN OUTLETS AND VIDEO EQUIPMENTS TO REMAIN. PERFORM DEMOLITION WITH EXTREME CARE TO AVOID DAMAGING COMMS/LAN CABLING, VIDEO EQUIPMENTS AND OTHER ACCESSORIES NOT INCLUDED IN THE SCOPE OF WORK.
3. REMOVE AND DISPOSE 5EA. EXISTING LIGHT FIXTURES. REFER TO DRAWING SHEET E1.
4. REMOVE AND DISPOSE EXISTING VINYL FLOOR MAT.
5. REMOVE AND DISPOSE EXISTING WOOD COVE BASE.
6. REMOVE AND DISPOSE EXISTING 32" X 80" STEEL DOOR AND FRAME INCLUDING DOOR CLOSER AND OTHER ASSOCIATED HARDWARES.
7. DISPOSE 1EA. DAMAGED OFFICE TABLE AND 18EA. DETERIORATED OFFICE CHAIRS. 1EA. OFFICE TABLE TO REMAIN.
8. SALVAGE EXISTING CONFERENCE TABLE - 2EA. JOINED 31.5" X 47.5" WITH FABRICATED WOOD LEGS.

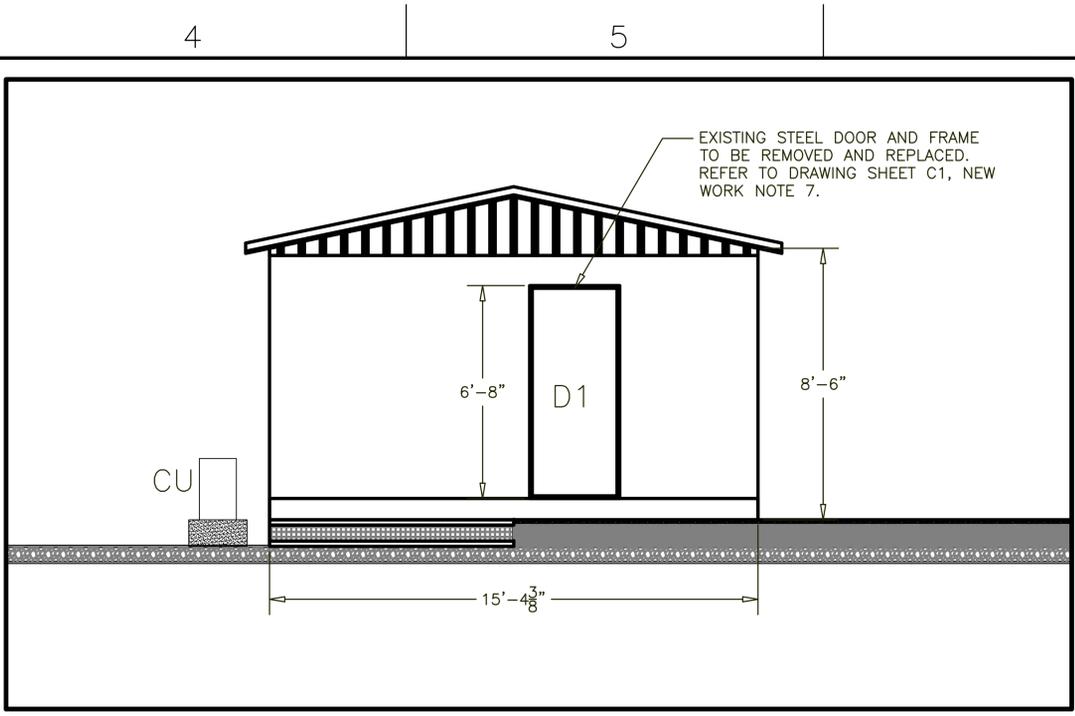
**NEW WORK NOTES:**

1. REPAIR ROOF HOLE LOCATED SOUTHWEST CORNER OF BUILDING. ROOF HOLE WAS CAUSED BY CONDUIT PENETRATION APPROXIMATELY 4" DIAMETER. TRACE ALL OTHER ROOF LEAKS AND SEAL WITH ROOF SEALANT THAT WILL NOT SAG DURING SUMMER HEAT AND CAN WITHSTAND THE HOTTEST TEMPERATURE IN DJIBOUTI AT MORE THAN 115°F.
2. REPAIR DAMAGED PORTION OF CEILING HANGERS. PROVIDE AND INSTALL NEW 2' X 4' X 1/2" ACCOUSTIC CEILING TILES.
3. PROVIDE AND INSTALL NEW LIGHT SWITCH AND POWER OUTLETS AS SHOWN IN DRAWINGS TO INCLUDE WIRINGS, CONDUITS, WIRE DUCTS AND OTHER APPURTENANCES FOR A FULL AND USABLE SYSTEM. REFER TO DRAWING SHEET E2. COMMUNICATIONS/LAN OUTLETS TO REMAIN.
4. PROVIDE AND INSTALL 6EA. NEW LIGHT FIXTURES AS SHOWN IN DRAWING SHEET E2. PROVIDE ALL OTHER ACCESSORIES TO COMPLETE INSTALLATION OF THE NEW LIGHT FIXTURES.
5. REPAIR DETERIORATED PORTION OF EXISTING PLYWOOD FLOOR SHEATHING AS NECESSARY. PROVIDE AND INSTALL NEW VINYL FLOOR TILES. NEW FLOOR TILES SHALL BE 12"x12"x0.12" THICK, ALPINE MARBLE BEIGE, SCRATCH RESISTANT, SKID RESISTANT AND STAIN RESISTANT.
6. PROVIDE AND INSTALL NEW 4" X 1/8" THERMOPLASTIC RUBBER WALL COVE BASE, 700 SERIES ALMOND.
7. PROVIDE AND INTALL NEW 32" X 80" STEEL DOOR AND FRAME INCLUDING HINGES, DOOR CLOSER, LOCKSETS AND OTHER ASSOCIATED HARDWARES. LOCKSET SHALL BE 1EA - STANDARD LEVER AND 1EA - PUSH BUTTON LOCK SIMPLEX 900 SERIES TO MATCH OR BETTER THAN EXISTING.
8. PERFORM TESTING FOR NEWLY INSTALLED LIGHT FIXTURES FOR PROPER FUNCTIONALITY. FOLLOW ELECTRICAL SAFETY IN USACE EM 385-1-1, SAFETY AND HEALTH REQUIREMENTS MANUAL, AND NFPA 701 STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE DURING THE CONDUCT OF ANY ELECTRICAL WORKS.
9. SEAL/PATCH ALL VISIBLE HOLES ON WALLS(INSIDE & OUTSIDE) AND PAINT FINISH TO MATCH EXISTING COLOR.
10. REMOVE PLASTIC BACKING ON ALL EXISTING WINDOW GLASS PANELS, CLEAN UP WINDOWS, WINDOW GRILLS AND WALLS INSIDE AND OUTSIDE.
11. PAINT INTERIOR SURFACE OF WALLS WITH 2 COATS ENAMEL, COLOR ICE BLUE.
12. PAINT EXTERIOR SURFACE OF WALLS INCLUDING WINDOW GRILLS WITH 2 COATS ENAMEL, COLOR LIGHT GRAY.
13. SET UP NEW GOVERNMENT FURNISHED FURNITURES AS FOLLOWS:  
13a 2EA. - NEW CONFERENCE TABLE, RECTANGULAR, 96" X 48"  
13b 18EA. - NEW CONFERENCE CHAIRS  
13c 1EA. - NEW OFFICE DESK 60" X 30"
14. INSTALL REFLECTIVE OR SUN WINDOW FILM ON ALL WINDOWS

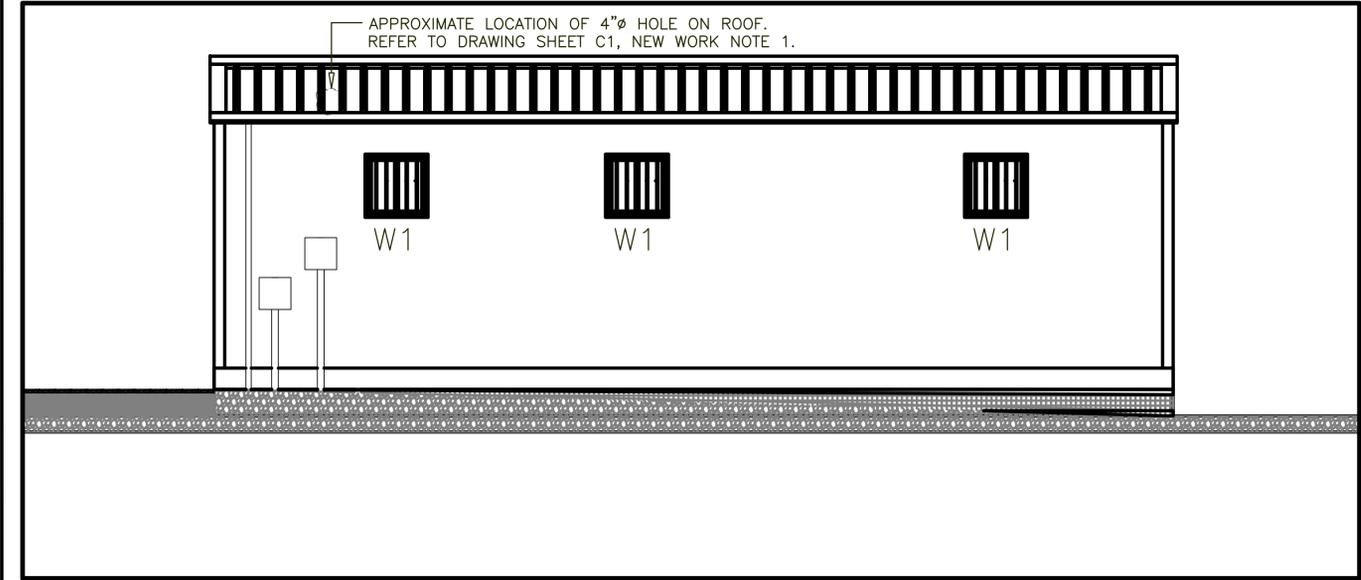
APPROVED	DATE
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO	DATE 18 NOV 2015
DES	DRW V. RAQUEPO CHW Z. PACE
<<CPM/DM>>	
BRANCH MANAGER	CHEF C. MILLER
CHEF ENGINEER	R. SHYUO, PE
<<CD>>	FD
NAVAL FACILITIES ENGINEERING COMMAND	
ATLANTIC DIVISION	REPUBLIC OF DJIBOUTI, AFRICA
CAMP LEMONNIER	<b>RENOVATE BUILDING 213</b>
DEPARTMENT OF THE NAVY	LOCATION PLAN, FLOOR PLAN, DEMOLITION & NEW WORK NOTES
SCALE: GRAPHIC	
E/PROJECT NO:	1518182
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	14048220
SHEET	1 OF 5
SIZE:	D C1
DRAWING REVISION: 1 JAN 2013	



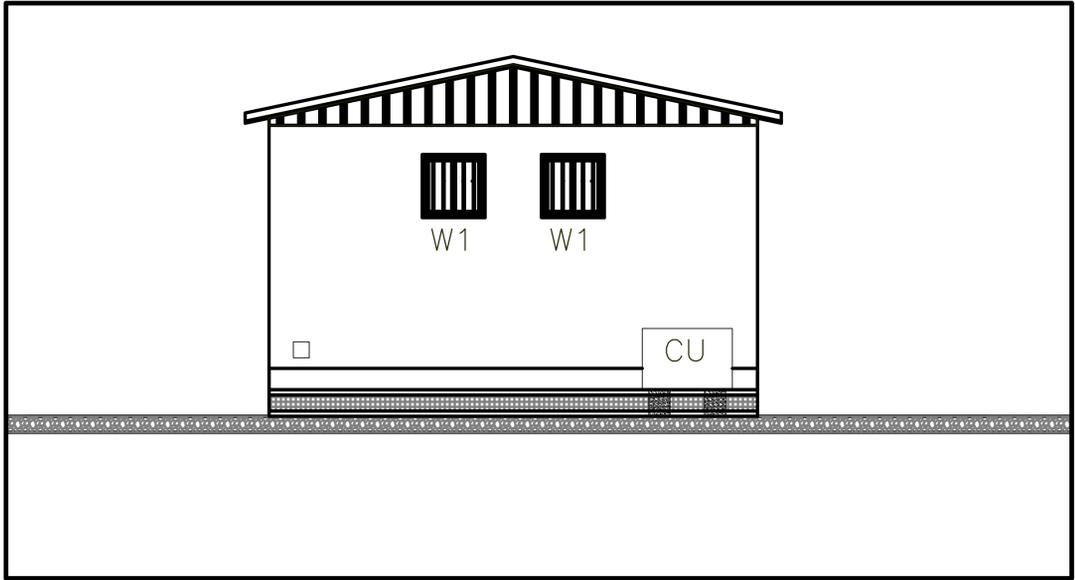
**NORTH ELEVATION – EXISTING**  
SCALE: 3/8" = 1' – 0"



**WEST ELEVATION – EXISTING**  
SCALE: 3/8" = 1' – 0"



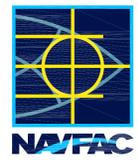
**SOUTH ELEVATION – EXISTING**  
SCALE: 3/8" = 1' – 0"

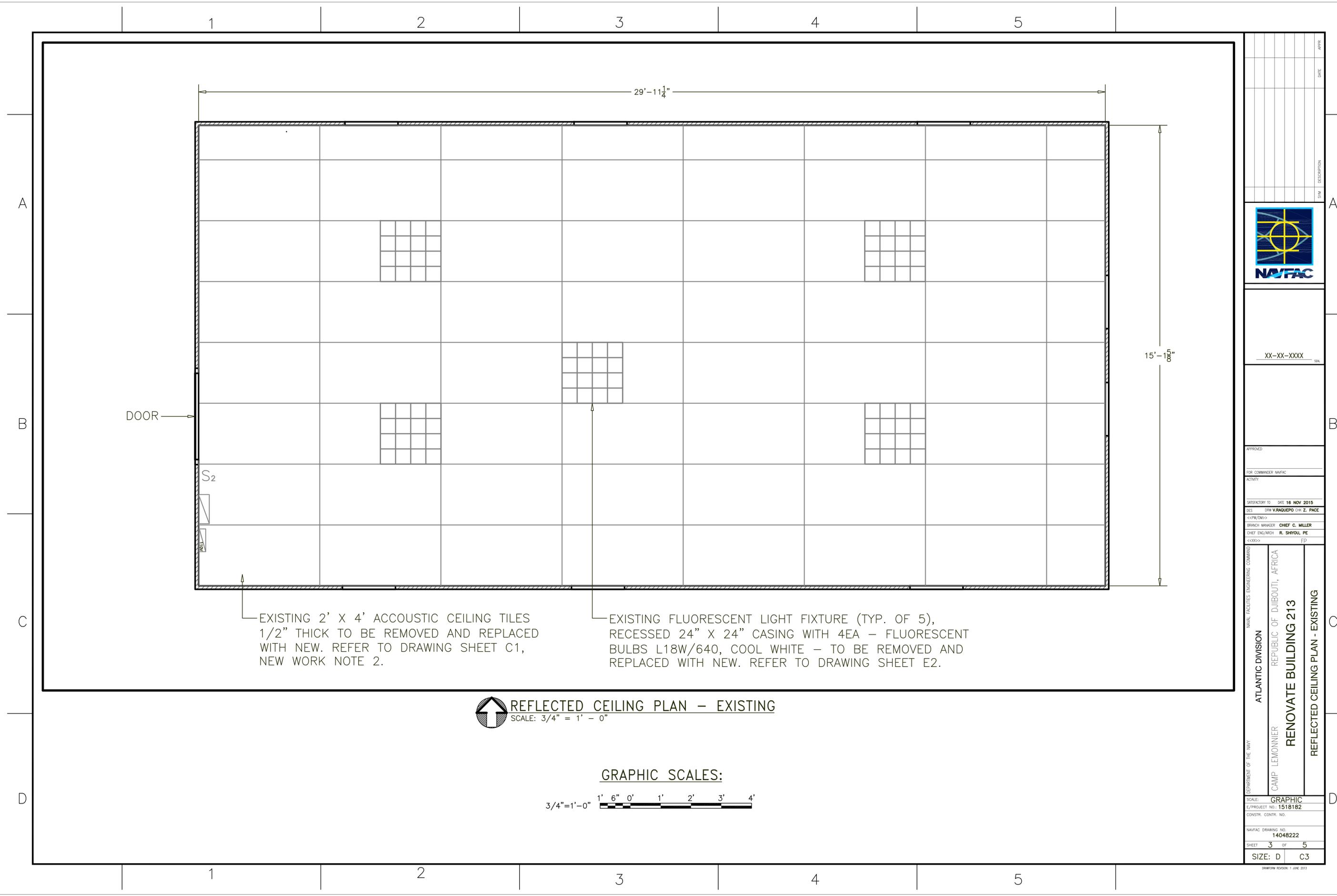


**EAST ELEVATION – EXISTING**  
SCALE: 3/8" = 1' – 0"

GRAPHIC SCALES:



DATE	APP'D
DESCRIPTION	DATE
	
XX-XX-XXXX	SEA
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO	DATE 18 NOV 2015
DES	DRW V. RAQUEPO CH: Z. PACE
<<CPM/DM>>	
BRANCH MANAGER	CHEF C. MILLER
CHIEF ENG/ARCH	R. SHYU, PE
<<CRD>>	FP
DEPARTMENT OF THE NAVY	
NAVAL FACILITIES ENGINEERING COMMAND	
ATLANTIC DIVISION	
CAMP LEMONNIER	
REPUBLIC OF DJIBOUTI, AFRICA	
<b>RENOVATE BUILDING 213</b>	
ELEVATIONS	
SCALE: GRAPHIC	
E/PROJECT NO.: 1518182	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO. 14048221	
SHEET 2 OF 5	
SIZE: D C2	
DRAWING REVISION: 1 JUN 2013	



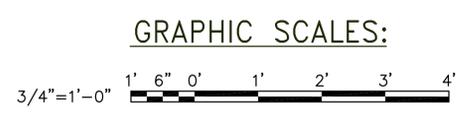
DOOR

S<sub>2</sub>

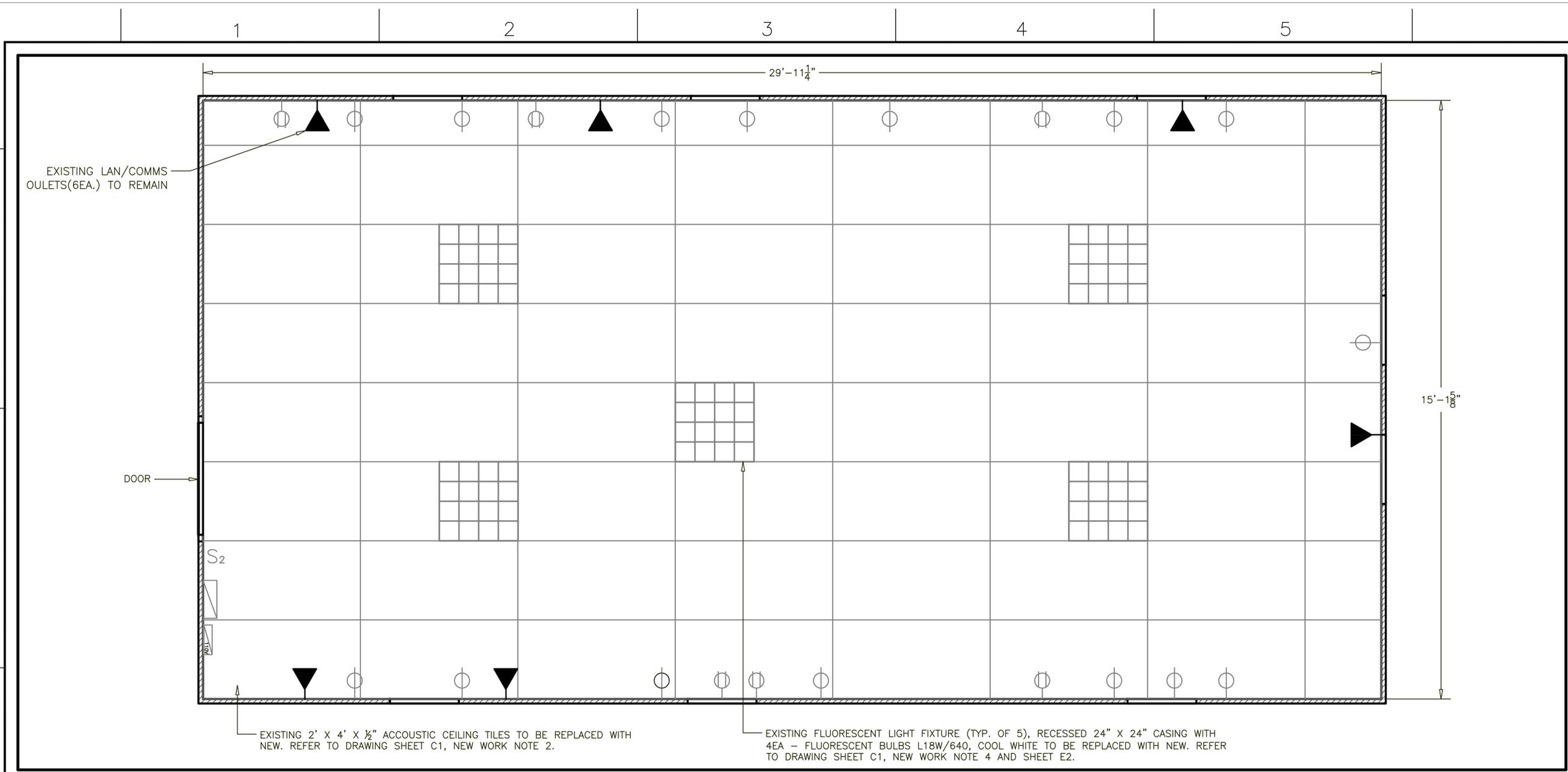
EXISTING 2' X 4' ACCOUSTIC CEILING TILES 1/2" THICK TO BE REMOVED AND REPLACED WITH NEW. REFER TO DRAWING SHEET C1, NEW WORK NOTE 2.

EXISTING FLUORESCENT LIGHT FIXTURE (TYP. OF 5), RECESSED 24" X 24" CASING WITH 4EA - FLUORESCENT BULBS L18W/640, COOL WHITE - TO BE REMOVED AND REPLACED WITH NEW. REFER TO DRAWING SHEET E2.

**REFLECTED CEILING PLAN - EXISTING**  
SCALE: 3/4" = 1' - 0"



DATE	APPR
DESCRIPTION	DATE
 <b>NAVFAC</b>	
XX-XX-XXXX	SEA
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE 18 NOV 2015	
DES DRW V. RAQUEPO CH. Z. PACE	
<<CPM/DM>>	
BRANCH MANAGER CHIEF C. MILLER	
CHEF ENG/ARCH R. SHYU, PE	
<<CRD>>	FP
DEPARTMENT OF THE NAVY	
ATLANTIC DIVISION	
CAMP LEMONNIER	
REPUBLIC OF DJIBOUTI, AFRICA	
<b>RENOVATE BUILDING 213</b>	
REFLECTED CEILING PLAN - EXISTING	
SCALE: GRAPHIC	
E/PROJECT NO.: 1518182	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO. 14048222	
SHEET 3 OF 5	
SIZE: D C3	
DRAWING REVISION: 1 JUN 2013	



EXISTING 2' X 4' X 1/2" ACCOUSTIC CEILING TILES TO BE REPLACED WITH NEW. REFER TO DRAWING SHEET C1, NEW WORK NOTE 2.

EXISTING FLUORESCENT LIGHT FIXTURE (TYP. OF 5), RECESSED 24" X 24" CASING WITH 4EA - FLUORESCENT BULBS L18W/640, COOL WHITE TO BE REPLACED WITH NEW. REFER TO DRAWING SHEET C1, NEW WORK NOTE 4 AND SHEET E2.



**ELECTRICAL DEMOLITION PLAN**  
SCALE: 3/4" = 1' - 0"

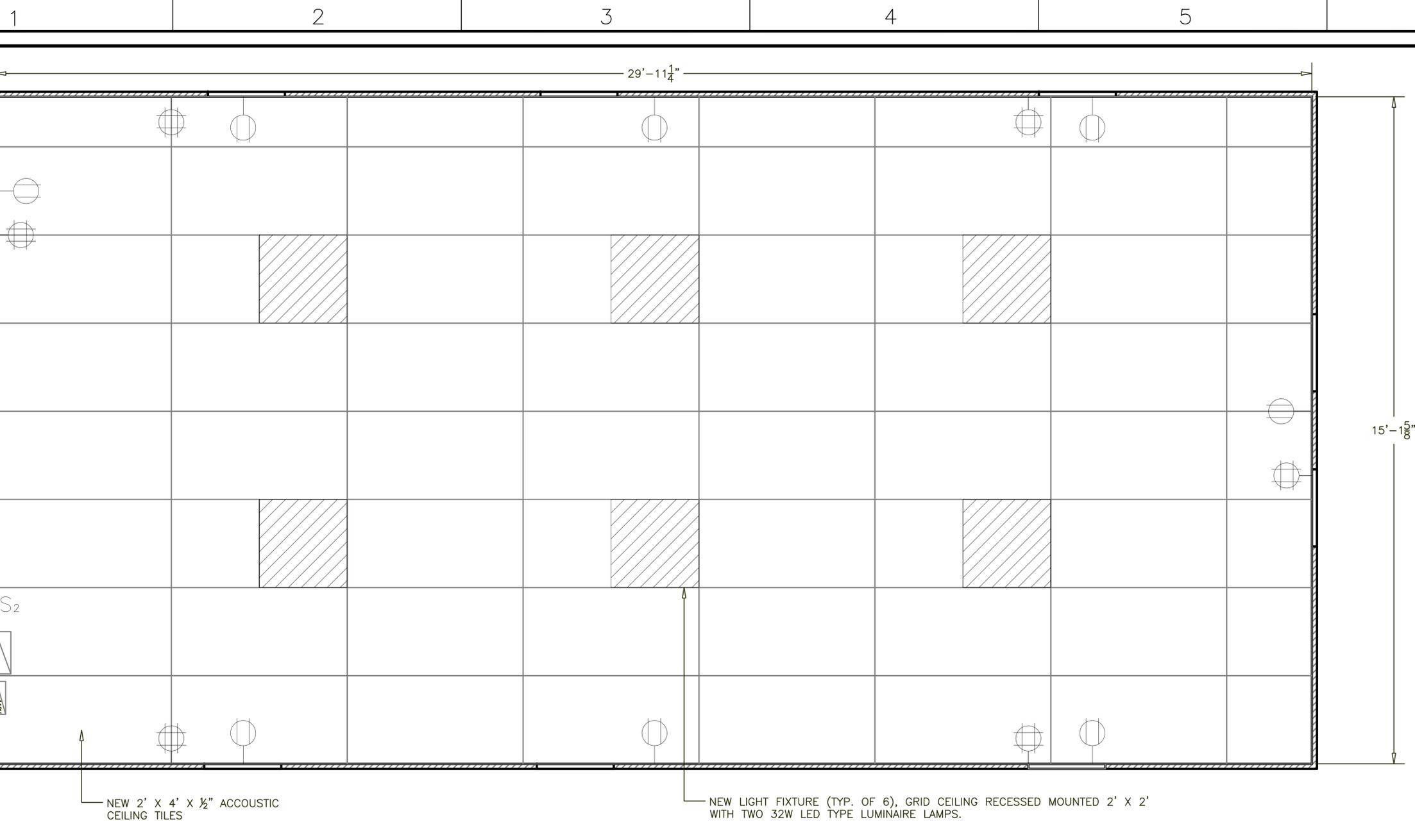
**LEGEND:**

- EXISTING MAIN DISTRIBUTION PANEL TO REMAIN
- EXISTING DISTRIBUTION PANEL 110V TO REMAIN
- EXISTING LIGHT SWITCH TO BE REMOVED
- EXISTING ONE GANG 220V POWER RECEPTACLE/OUTLETS TO BE REMOVED.
- EXISTING 110V DUPLEX POWER RECEPTACLES/OUTLETS TO BE REMOVED.
- RECESSED LIGHTING TO BE REMOVED
- EXISTING LAN/COMMS OUTLETS TO REMAIN

**GRAPHIC SCALES:**



XX-XX-XXXX									
<small>APPROVED</small> <small>FOR COMMANDER NAVFAC</small> <small>ACTIVITY</small> <small>SATISFACTORY TO DATE 18 NOV 2015</small> <small>DESIGNED BY: G. BALDEMOR</small> <small>CHECKED BY: G. BALDEMOR</small> <small>&lt;&lt;CPM/DM&gt;&gt;</small> <small>BRANCH MANAGER: CHIEF C. MILLER</small> <small>CHEF ENG/ARCH: R. SHYU, PE</small> <small>&lt;&lt;XXX&gt;&gt;</small>									
<small>DEPARTMENT OF THE NAVY</small> <small>ATLANTIC DIVISION</small> <small>CAMP LEMONNIER</small> <small>REPUBLIC OF DJIBOUTI, AFRICA</small> <b>RENOVATE BUILDING 213</b> <small>ELECTRICAL DEMOLITION PLAN</small>									
<small>SCALE: GRAPHIC</small> <small>E/PROJECT NO: 1518182</small> <small>CONSTR. CONTR. NO.</small> <small>NAVFAC DRAWING NO: 14048224</small> <small>SHEET 4 OF 5</small> <small>SIZE: D E1</small> <small>DRAWING REVISION: 1 JUNE 2013</small>									



DOOR

S<sub>2</sub>

NEW 2' X 4' X 1/2" ACOUSTIC CEILING TILES

NEW LIGHT FIXTURE (TYP. OF 6), GRID CEILING RECESSED MOUNTED 2' X 2' WITH TWO 32W LED TYPE LUMINAIRE LAMPS.



**PROPOSED ELECTRICAL LAYOUT**

SCALE: 3/4" = 1' - 0"

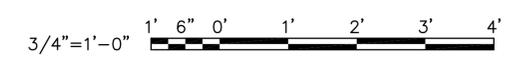
**GENERAL NOTES - ELECTRICAL:**

1. MINIMUM TEMPERATURE RATING FOR ALL POWER CONDUCTORS SHALL BE 90°C.
2. MINIMUM INSULATION RATING FOR ALL POWER CONDUCTORS SHALL BE 600V.
3. ALL NEW ELECTRICAL WIRING AND EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER AS REQUIRED BY NEC ARTICLE 110.12.
4. THE CONTRACTOR SHALL CLEARLY AND UNAMBIGUOUSLY LABEL ALL RECEPTACLES USING LONG-LIFE LABELING MATERIAL.
5. THE CONTRACTOR SHALL AFFIX A PERMANENT WARNING LABEL TO EACH PANELS AS FOLLOWS: ELECTRICAL DANGER, QUALIFIED PERSONNEL ONLY. FOR PERSONAL PROTECTION.
6. SIZE CONDUCTORS IN ACCORDANCE TO TABLE B.310.15(B)(2)(1) OF NFPA70.
7. SIZE CONDUITS IN ACCORDANCE TO TABLE C8 OF NFPA70.
8. SIZE GROUND CONDUCTORS IN ACCORDANCE TO TABLE 250.122 OF NFPA70.
9. COLOR CODING FOR CONDUCTORS IN ACCORDANCE TO IEC 60445.

**LEGEND:**

- MAIN DISTRIBUTION PANEL (EXISTING)
- DISTRIBUTION PANEL 110V (EXISTING)
- LIGHT SWITCH 2-GANG (NEW)
- 110V FOUR-PLEX OUTLETS (NEW)
- 220V DUPLEX OUTLETS (NEW)
- RECESSED LIGHTING (NEW)

**GRAPHIC SCALES:**



	<p>XX-XX-XXXX</p>
<p>FOR COMMANDER NAVFAC</p>	
<p>SATISFACTORY TO DATE <b>16 NOV 2015</b></p>	
<p>DES: DRW: G. BALDEMOR CHK: R. SHYUO</p>	
<p>BRANCH MANAGER: <b>CHIEF C. MILLER</b></p>	
<p>CHIEF ENG/ARCH: <b>R. SHYUO, PE</b></p>	
<p>ACTIVITY: <b>FP</b></p>	
<p>NAVAL FACILITIES ENGINEERING COMMAND</p>	
<p>ATLANTIC DIVISION</p>	
<p>REPUBLIC OF DJIBOUTI, AFRICA</p>	
<p>CAMP LEMONNIER</p>	
<p><b>RENOVATE BUILDING 213</b></p>	
<p>PROPOSED ELECTRICAL PLAN</p>	
<p>SCALE: GRAPHIC</p>	
<p>E/PROJECT NO.: <b>1518182</b></p>	
<p>CONSTR. CONTR. NO.</p>	
<p>NAVFAC DRAWING NO. <b>14048223</b></p>	
<p>SHEET <b>5</b> OF <b>5</b></p>	
<p>SIZE: <b>D</b> <b>E2</b></p>	
<p><small>DRAWING REVISION: 1 JUNE 2015</small></p>	