



CITY OF TAMPA  
CONTRACT ADMINISTRATION  
DEPARTMENT  
PLANNING AND DESIGN DIVISION  
305 E. JACKSON STREET 4 NORTH  
TAMPA, FLORIDA 33602  
p: 813. 274. 8456 - f: 813. 274. 8080  
url: www.tampagov.net

James E. Jackson, Jr. AIA, NOMA  
City Architect  
Edward D. Rice, AIA  
Project Architect  
Kevin L. Henika, AIA  
Project Architect  
Thomas A. Hester, Sr., AIA, NOMA  
Project Architect  
David R. Pagitt  
Supervisor, Architectural Drafting  
Kinsey C. Tillman  
Drafting Technician  
Jerry P. Sanders  
Drafting Technician  
Byron K. Thomas, LEED AP  
Drafting Technician

MEP CONSULTANT  
**GRINER ENGINEERING, INC.**  
1628 1st AVENUE NORTH  
ST. PETERSBURG, FL 33713

STRUCTURAL CONSULTANT  
**BILLER REINHART  
STRUCTURAL GROUP, INC.**  
4014 GUNN HWY. SUITE 248  
TAMPA, FL 33713

CIVIL CONSULTANT  
**B M CIVIL LLC**  
12315 WYCLIFF PLACE  
TAMPA, FL 33626

LANDSCAPE CONSULTANT  
**DAVID CONNER & ASSOCIATES**  
1503 W. SWANN AVENUE SUITE 255  
TAMPA, FL 33606

FIRE STATION 23  
20770 TROUT CREEK DR.  
TAMPA, FL 33647

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SEAL

Jose A Rosario, P.E. FL. 74457

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

ELECTRICAL SYSTEM PLAN

SHEET NUMBER

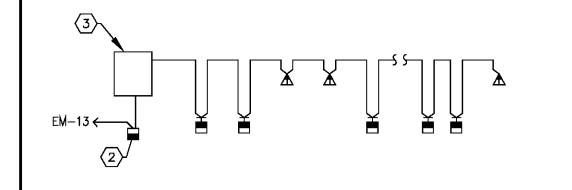
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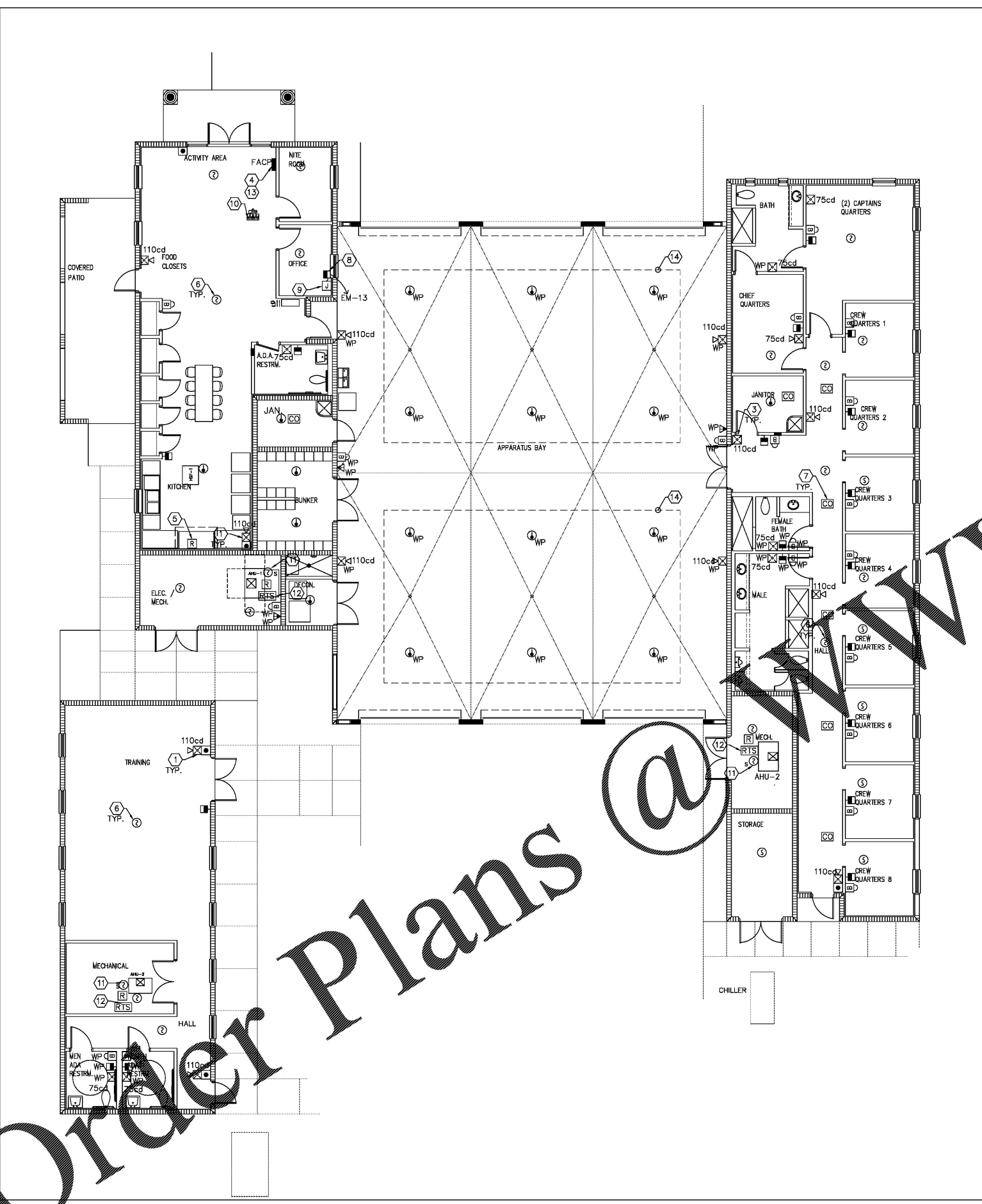
**SYSTEM KEY NOTES:**

1. PROVIDE FIRE ALARM AUDIO (HORN)/VISUAL (STROBE) DEVICE MINIMUM 75cd UNLESS NOTE OTHERWISE.
2. PROVIDE FIRE ALARM PULL STATION. CONNECT TO FIRE ALARM CONTROL PANEL.
3. PROVIDE FIRE ALARM VISUAL (STROBE) DEVICE MINIMUM 75cd UNLESS OTHERWISE NOTED.
4. PROVIDE FIRE ALARM CONTROL PANEL. COORDINATE FINAL LOCATION REQUIREMENTS WITH AUTHORITY HAVING JURISDICTION (AHJ).
5. PROVIDE FIRE ALARM CONNECTION TO HOOD SUPPRESSION SYSTEM. COORDINATE WITH HOOD INSTALLER, MECHANICAL CONTRACTOR, ARCHITECT AND OWNER. REFER TO SHEET E2.4 FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE FIRE ALARM SMOKE DETECTOR. CONNECT TO FIRE ALARM CONTROL PANEL.
7. PROVIDE CARBON MONOXIDE DETECTOR PER 902A 720. THE CARBON MONOXIDE DETECTOR SHALL BE LOCATED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.
8. INTERCOM CONSOL. DESK MOUNTED BY AIPHONE OR APPROVED BY OWNER AND ENGINEER EQUAL. COORDINATE ALL ASSOCIATED WORK AND REQUIREMENTS WITH OWNER, INTERCOM VENDOR, MFR CUT SHEETS AND INSTRUCTIONS. REFER TO TYPICAL INTERCOM RISER DIAGRAM ON THIS SHEET.
9. PROVIDE JUNCTION BOX MOUNTED FLUSH IN WALL UNDER COUNTER. PROVIDE FLEXIBLE CONNECTION TO INTERCOM CONSOLE ON DESKTOP. REFER TO KEY NOTE 8.
10. PROVIDE FIRE ALARM CONNECTION TO FLOW AND TEMPER SWITCHES. COORDINATE EXACT LOCATION AND QUALITY WITH SPRINKLER CONTRACTOR AND SHOP DRAWINGS PRIOR TO ROUGH-IN.
11. PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT WITH RELAY TO SHUT DOWN HVAC UNIT. DUCT MOUNTED SMOKE DETECTOR TO BE FURNISHED BY THE FIRE ALARM CONTRACTOR, INSTALLED IN THE DUCTWORK BY THE MECHANICAL CONTRACTOR AND CONNECTED TO THE FIRE ALARM SYSTEM BY THE FIRE ALARM ELECTRICAL CONTRACTOR.
12. PROVIDE AND LOCATE REMOTE TEST STATION (RTS) AT 48" AFF AT NEAREST COLUMN OR WALL. LABEL WITH ASSOCIATED HVAC UNIT NAME.
13. INTERLOCK SECURITY SYSTEM WITH FIRE ALARM. ELECTRICALLY LOCKED EGRESS DOOR TO RELEASE UPON FIRE ALARM ONLY TO EGRESS OUTSIDE (INGRESS TO THE BUILDING SHALL NOT BE ALLOWED).
14. PROVIDE HEAT DETECTORS WITH FIX TEMPERATURE IN APPARATUS BAY. THE HEAT DETECTORS SHALL BE CONNECTED TO FIRE ALARM MONITORING MODULE IN A ZONE.



**TYPICAL INTERCOM RISER DIAGRAM**  
NOT TO SCALE

- NOTES:
1. REFER TO FLOOR PLANS FOR EXACT DEVICE QUANTITY AND LOCATIONS.
  2. INTERCOM CONSOLE, DESK MOUNTED BY AIPHONE OR APPROVED BY OWNER AND ENGINEER EQUAL.
  3. PROVIDE 6" X 8" X 3" JUNCTION BOX MOUNTED FLUSH IN WALL UNDER COUNTER OR AS DIRECTED BY ARCHITECT AND OWNER PROVIDE FLEXIBLE CONNECTION TO INTERCOM CONSOLE ON DESKTOP.
  4. COORDINATE ELECTRICAL REQUIREMENTS WITH THE APPROVED BY OWNER INTERCOM VENDOR PRIOR TO ROUGH-IN.



**ELECTRICAL SYSTEM PLAN**  
SCALE: 1/8" = 1'-0"

<b>GRINER</b>	
GRINER ENGINEERING, INC. 1628 First Avenue North St. Petersburg, Florida 33713 Phone: (727)-822-2335 Fax: (727)-821-3361 Certificate of Authorization #3173	Date: 06-15-2017 Drawn: HH Designed: HH EOR: JAR Job no.: 17049

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