

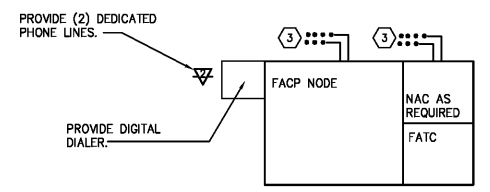
**FIRE ALARM TYPICAL DEVICE INTERCONNECT DIAGRAM**  
NOT TO SCALE

- GENERAL FIRE ALARM NOTE:**  
PROVIDE ADDRESSABLE MONITOR MODULES, CONTROL RELAYS, AND EXPANSION CARDS AS REQUIRED FOR FULLY FUNCTIONAL FIRE ALARM SYSTEM. REFER TO SPECIFICATIONS.
- GENERAL NOTE:**
1. PROVIDE FATC WITH SURGE SUPPRESSOR FOR ALL FIRE ALARM CIRCUITS SERVING EXTERIOR DEVICES.
  2. REFER TO FLOOR PLANS FOR ALL DEVICE LOCATIONS AND QUANTITIES. REFER TO SPECIFICATIONS FOR ALL EQUIPMENT AND CABLING REQUIREMENTS.

**KEYED NOTES:**

- 1 PROVIDE CONDUIT, CABLING AND ALL OTHER REQUIRED COMPONENTS AND ACCESSORIES FOR A COMPLETE INSTALLATION.
- 2 PROVIDE CONDUIT, CABLING AND ALL OTHER REQUIRED COMPONENTS AND ACCESSORIES FOR A COMPLETE INSTALLATION. BIRNS AND STROBES SHALL BE ON SEPARATE SIGNAL CIRCUITS.
- 3 PROVIDE FIELD DEVICES AND CABLING. REFER TO FLOOR PLANS AND SPECIFICATIONS.
- 4 PROVIDE FIRE ALARM NODE WITH INITIATING CIRCUIT BOARD (SIZED AS REQUIRED)

**FIRE ALARM SYSTEM RISER DIAGRAM**  
NOT TO SCALE



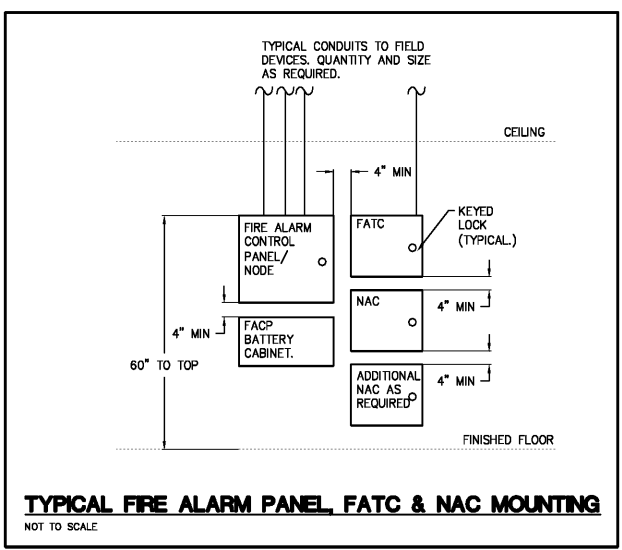
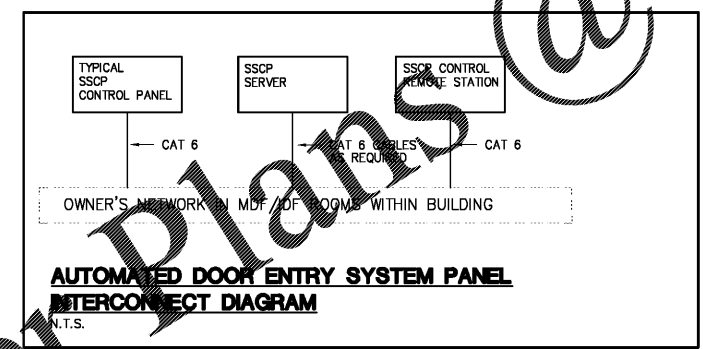
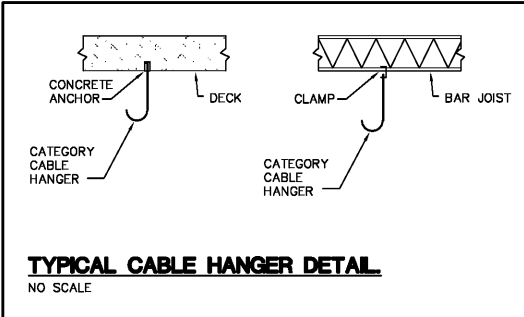
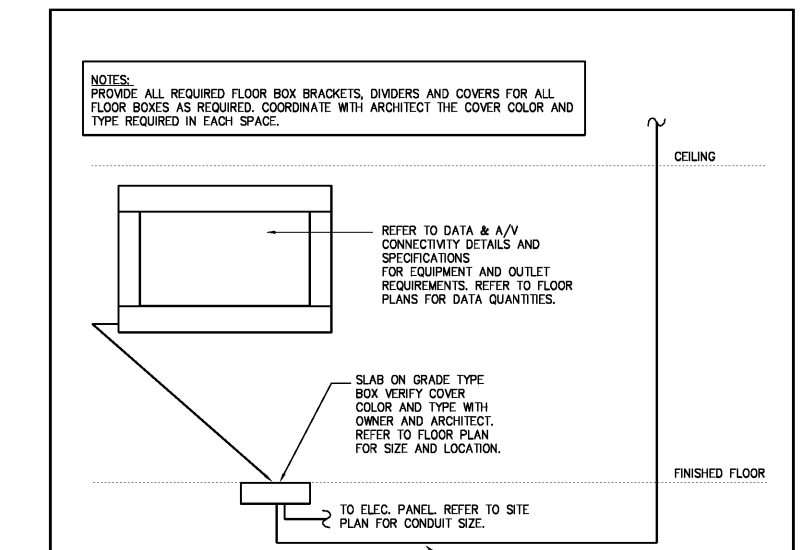
**KEYED NOTES:**

- 1 CEILING MOUNTED PROJECTOR MOUNT. EXTENSION AS REQUIRED. (ROUTE ALL PROJECTOR CABLING THROUGH PROJECTOR EXTENSION).
- 2 SUPPORT CEILING ENCLOSURE/PLATE FROM BUILDING STRUCTURE AT FOUR CORNERS AS REQUIRED.
- 3 REFER TO FLOOR PLAN FOR CONNECTIVITY AND POWER REQUIREMENTS AT PROJECTOR. MOUNT ELECTRICAL OUTLET AND CONNECTIVITY OUTLETS WITHIN CEILING ENCLOSURE.
- 4 REFER TO PROJECTOR MANUFACTURER'S INSTALLATION SPECIFICATIONS FOR THIS DIMENSION. THIS DIMENSION BASED ON SCREEN MOUNTING HEIGHT AND SIZE. REFER TO ARCHITECT FOR SCREEN SIZE. A/V INTEGRATOR SHALL BE RESPONSIBLE FOR PROVIDING THIS DIMENSION TO ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 5 PROJECTOR CEILING ENCLOSURE WITH PROJECTOR MOUNT BY FSR PART #CB-12P OR EQUAL. IN AREAS WITH NO DROP CEILING, PROVIDE PROJECTOR MOUNT ATTACHED TO BUILDING STEEL WITH DATA, SYSTEMS AND POWER OUTLETS MOUNTED ON UNISTRUT AT THE PROJECTOR LOCATION.
- 6 MOUNT PROJECTOR BELOW SOFFIT. COORDINATE WITH PROJECTION SCREEN HEIGHT.

**PROJECTOR MOUNT**

- A. PROVIDE CEILING PROJECTOR MOUNT. MOUNT SHALL BE SUPPORTED TO BUILDING STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS.
- B. ACCEPTABLE MANUFACTURERS:
  1. PEERLESS PRS-UNIV, UNIVERSAL PROJECTOR MOUNT (SUPPORTED TO STRUCTURE).
  2. PEERLESS ACC800, CORD MANAGEMENT ADAPTOR AT PROJECTOR MOUNT.
  3. PROVIDE EXTENSION TUBE (PEERLESS MODEL #ADJXXX) TO CONNECT FROM CORD MANAGEMENT ADAPTER (PEERLESS MODEL #ACC800) TO UNISTRUT CONNECTOR (PEERLESS MODEL #ACC550). UNISTRUT TO BE SUPPORTED BY ALL-THREAD TO BUILDING JOISTS WHERE CONFLICTING WITH DUCTWORK.
  4. PEERLESS EXTENDER TUBES (AS REQUIRED). PROVIDE BRACING SUPPORT TO ELIMINATE VIBRATIONS.

**CEILING MOUNTED ENCLOSURE AND PROJECTOR DETAIL**  
NOT TO SCALE



**ENGINEERING MATRIX, INC.**  
CONSULTING ENGINEERS  
2880 SCRIBNER DRIVE, SUITE 640  
ST. PETERSBURG, FLORIDA, 33716  
(727) 321-4668 FAX (727) 321-8082 EMAIL: em@matrixinc.com  
CERT. OF AUTHORIZATION NO. 4898 EML JOB NO. 19-0960  
© 2019 Engineering Matrix, Inc. DRAWN BY: EM CHECKED BY: JSW

**FleischmanGarcia**  
ARCHITECTS  
3511 15TH AVENUE NORTH, SUITE 300  
ST. PETERSBURG, FLORIDA 33716  
PHONE (727) 726-8800  
FAX (727) 725-2006  
REGISTRATION NUMBER: AA 000237

**Pasco County Fire & Rescue Station No. 17**  
New Port Richey, Florida

THIS DESIGN AND DRAWING IS THE SOLE PROPERTY OF FLEISCHMAN-GARCIA ARCHITECTS. NO PART OF THIS WORK AND NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF FLEISCHMAN-GARCIA ARCHITECTS.

FGA PROJECT NUMBER  
**19039**

ISSUE DATE  
**05-25-20**

REVISIONS  
DATE: \_\_\_\_\_  
DATE: \_\_\_\_\_  
DATE: \_\_\_\_\_

SHEET NUMBER  
**E5.2**

Order Plans @

WWW.LDME.com