




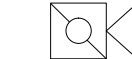
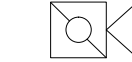





GENERAL FIRE ALARM SYSTEM NOTES:

1. IN ADDITION TO ALL OTHER CODES AND STANDARDS LISTED IN THE SPECIFICATIONS, THE FIRE ALARM SYSTEM SHALL COMPLY WITH CITY OF PHILADELPHIA FIRE ALARM SYSTEM REQUIREMENTS.
2. FIRE ALARM SYSTEM SHALL MEET ALL REQUIREMENTS OF NFPA 72-2019.
3. ALL REQUIREMENT SYMBOLS ARE SHOWN ON DRAWINGS AS CLOSE AS POSSIBLE TO THEIR INTENDED LOCATION. CONTRACTOR SHALL COORDINATE IN THE FIELD THE PROPER INSTALLATION OF ALL EQUIPMENT, DEVICES, CONTROLS AND CABLING.
4. DRAWINGS FOR THIS WORK ARE DIAGRAMMATIC AND INTENDED TO CONVEY THE EXTENT, GENERAL ARRANGEMENT AND LOCATIONS OF THE WORK. BECAUSE OF THE SCALE OF THE DRAWINGS, CERTAIN BASIC ITEMS SUCH AS ACCESS PANELS, CONDUITS, CABINET SIZES, ORIENTATION SLEEVES, PULL BOXES, BACK BOXES AND JUNCTION BOXES MAY NOT BE SHOWN. INCLUDE ALL ITEMS WHERE REQUIRED BY CODE AND MANUFACTURER SPEC FOR THE PROPER INSTALLATION OF ALL WORK.
5. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 760 OF THE 2017 NATIONAL ELECTRICAL CODE. ALL FIRE ALARM CABLE MUST BE MARKED TYPE FPL (NON PLENUM) OR FPLP (PLENUM) AND PROVIDED IN ACCORDANCE WITH PROJECT REQUIREMENTS.
6. COORDINATE EXACT LOCATION(S) OF ALL CEILING MOUNTED CABLE, CONDUITS, EQUIPMENT AND OR DEVICES WITH ALL ARCHITECTURAL PLANS, REFLECTED CEILING PLANS AND AFFECTED TRADES PRIOR TO INSTALLATION.
7. ALL SMOKE DETECTORS SHALL BE MOUNTED TO FINISHED CEILING AND /OR DECKING, UNLESS NOTED OTHERWISE. DETECTORS SHALL NOT BE INSTALLED ON BOTTOM OF OPEN WEB JOISTS OR ON BEAMS EXCEEDING 12 INCHES DEPTH FROM FINISHED CEILING OR DECK. REFER TO NFPA 72-2019 FOR ALL INITIATING DEVICE INSTALLATION REQUIREMENTS. PROVIDE DETECTORS IN SUFFICIENT QUANTITY TO COMPLY WITH ALL NFPA 72-2019 REQUIREMENTS BASED ON CEILING CONDITIONS AND PROTECTED SPACE REQUIREMENTS
8. PROTECTIVE ANTI-DUST COVERS SHALL BE INSTALLED AND MAINTAINED ON ALL SYSTEM SMOKE DETECTORS UNTIL FINAL ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION.
9. SMOKE DETECTORS SHALL NOT BE INSTALLED LESS THAN 3 FEET FROM ANY HVAC SUPPLY OR RETURN AIR REGISTER AND A MINIMUM OF 1 FOOT AWAY FROM ALL LIGHTING FIXTURES.
10. WHERE EQUIPMENT AND/OR JUNCTION BOXES ARE INSTALLED ABOVE FINISHED CEILINGS, THE CONTRACTOR SHALL PROVIDE ACCESS HATCHES LISTED FOR THE INTENDED APPLICATION. ACCESS HATCHES SHALL BE LOCATED SO THAT SERVICE ACCESS TO THE EQUIPMENT AND/OR JUNCTION BOXES IS UNIMPEDED.
11. WHERE CONDUIT IS USED, THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN DEDICATED CONDUITS. ALL CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72-2019 AND CONTRACT DOCUMENTS. ALL CONDUITS SHALL BE SIZED IN ACCORDANCE WITH NEC AND SHALL BE A MINIMUM OF 3/4" UNLESS OTHERWISE NOTED. REFER TO RELATED SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
12. ALL SYSTEM WIRING AND EQUIPMENT INSTALLATIONS SHALL BE IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES AND BY ALL IEEE, EIA, NEC AND MANUFACTURER'S REQUIREMENTS. WIRING SHALL COMPLY WITH ALL STATE AND LOCAL ELECTRICAL CODES. ALL WIRING SHALL TEST FREE FROM ALL GROUNDS, SHORTS AND EMI. NO A.C. CARRYING CONDUCTORS ARE PERMITTED TO SHARE RACEWAYS WITH ANY FIRE ALARM INITIATING AND INDICATING CIRCUITS
13. ALL AC ELECTRICAL CIRCUITS FEEDING THE FIRE ALARM CONTROL EQUIPMENT SHALL BE EQUIPPED WITH CIRCUIT BREAKER LOCKOUT DEVICE IN ACCORDANCE WITH NFPA 72-2019.
14. THE CONTRACTOR SHALL METER ALL WIRES AND CIRCUITS TO ENSURE THEY ARE FREE OF ANY GROUNDS AND SHORTS PRIOR TO COMMISSIONING OF THE SYSTEM.
15. ALL AUXILIARY ALARM RELAYS MUST BE INSTALLED WITHIN 3 FEET OF THE EQUIPMENT TO BE CONTROLLED IN ACCORDANCE WITH ALL NFPA 72-2019 REQUIREMENTS.
16. ALL FIRE ALARM DEVICES AND EQUIPMENT SHALL BE LABELED UNIQUE IDENTIFICATION NUMBER. LABELS TO BE SIMILAR TO "BROTHER P-TOUCH" BLACK LETTERING ON WHITE BACKGROUND, SELF-ADHESIVE TAPE. ALL DEVICE LABELS SHALL BE INSTALLED PRIOR TO SYSTEM CHECKOUT.
17. ALL EQUIPMENT EXPOSED TO THE ENVIRONMENT OR INSTALLED IN PROXIMITY TO AREAS WITH MOISTURE, OR A RELATIVE HUMIDITY OF 75% OR GREATER SHALL PROVIDED WITH ENCLOSURES AND OR BACKBOXES RATED FOR THE ENVIRONMENTAL CONDITIONS.
18. THE STROBE INTENSITY OF ALL VISUAL INDICATING APPLIANCES SHALL BE IN ACCORDANCE WITH NFPA 72-2019 AND UL 19191. STROBE CANDELA RATINGS SHALL BE PROVIDED IN ACCORDANCE WITH DEVICE LOCATIONS AND SHALL CONFORM TO ALL ICC/ANSI 117 AND NFPA 72 INSTALLATION REQUIREMENTS. CONTRACTOR SHALL PROVIDE THE REQUIRED CANDELA POWER AND LOCATE ALL VISUAL INDICATING APPLIANCES AS REQUIRED TO MEET THE REQUIREMENTS OF ALL ABOVE REFERENCED CODES AND STANDARDS.
19. ALL PENETRATIONS OF FLOORS SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE ASTM AND NFPA.

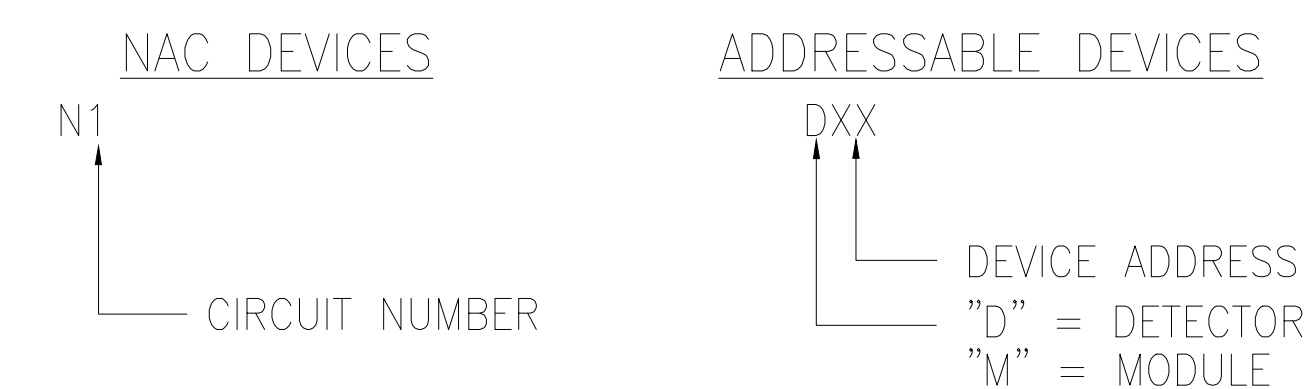
EQUIPMENT LIST

SYMBOL	QTY.	DESCRIPTION
	1	SILENT KNIGHT ADDRESSABLE FIRE ALARM CONTROL UNIT
	1	SILENT KNIGHT CELLULAR ALARM COMMUNICATOR
	11	SILENT KNIGHT ADDRESSABLE MANUAL PULL STATION
	25	SILENT KNIGHT ADVANCED COMBINATION FIRE & CO DETECTOR DETECTOR BASE
	11	SILENT KNIGHT ADDRESSABLE MONITOR MODULE
	3	SYSTEM SENSOR 75CD HORN/STROBE
	5	SYSTEM SENSOR 15CD HORN/STROBE
	14	GENTEX CORPORATION LOW FREQUENCY MINI HORN
	2	END OF LINE RESISTOR
	1	COMMERCIAL FIRE ALPHA KEYPAD UL864 REV 9 LISTED ANNUNCIATOR

SHEET INDEX

SHEET	DESCRIPTION
FA-0	FIRE ALARM SYSTEM COVER SHEET
FA-1	FIRE ALARM SYSTEM FLOOR PLANS
FA-2	FIRE ALARM SYSTEM RISER DIAGRAM

DEVICE LABEL LEGENDS



Revision notes:		
Rev:	Date:	Notes:

Engineer/Architect Signature: _____

Drawn by:
E.ROLLE

Client:
Roy Yeager Construction Co

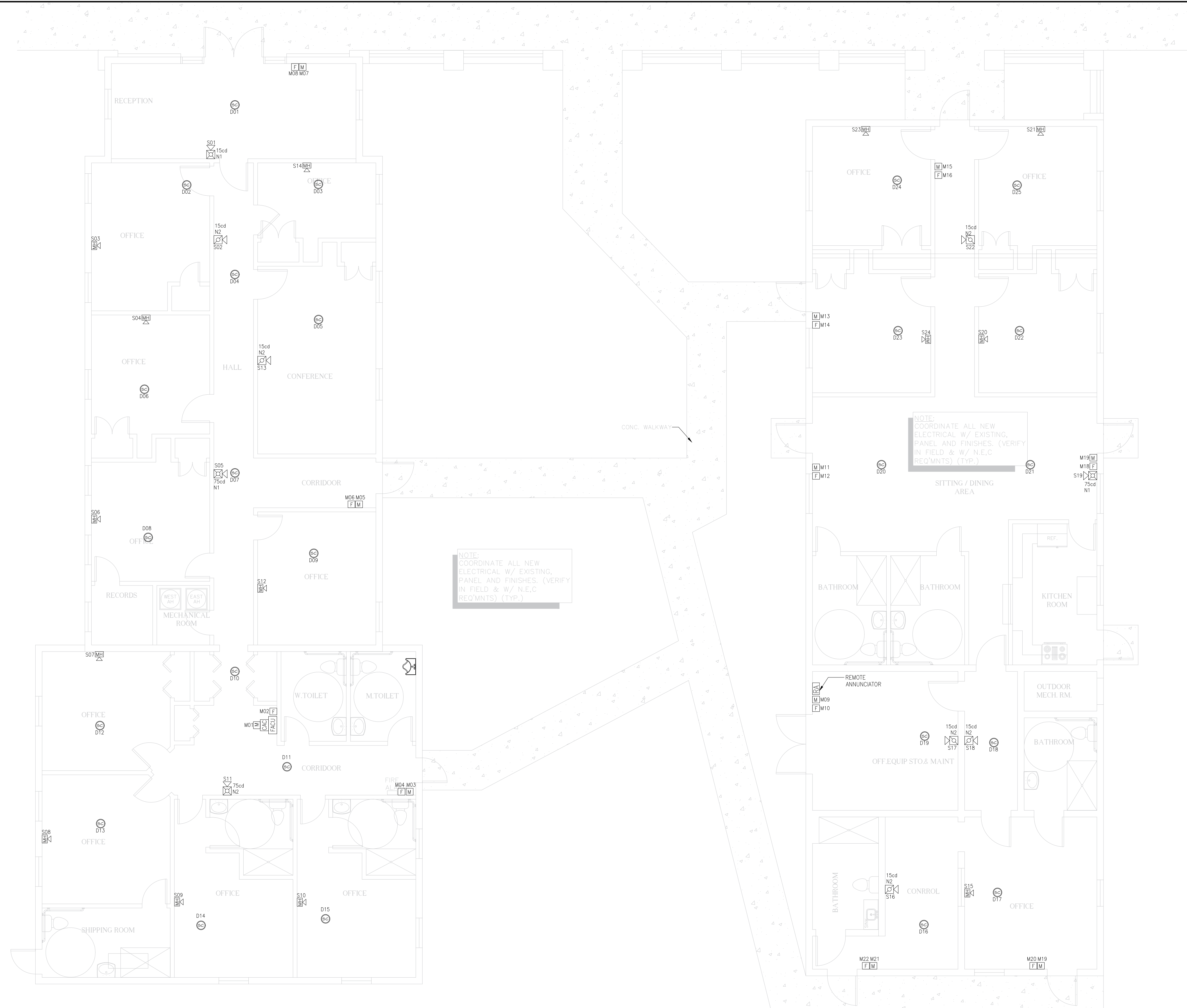
Project:
PRO. RETIREMENT HOME
13002 TARPON SPRINGS ROAD ODESSA FLORIDA 33556

Drawing Title:
SHEET NAME : FIRE ALARM LEGEND & GENERAL NOTES
SHEET NO : FA1.0

Date:
02/01/2023

Scale @ 24X36:
NTS

Revision:



Proposed Fire Alarm Layout Plan (West)
Scale: 3/16" = 1'-0"

Proposed Fire Alarm Layout Plan (East)
Scale: 3/16" = 1'-0"

Revision notes:		
Rev:	Date:	Notes:

Engineer/Architect Signature:

Drawn by:
E.ROLLE

Client:
Roy Yeager Construction Co

Project:
PRO. RETIREMENT HOME
13002 TARPON SPRINGS ROAD ODESSA FLORIDA 33556

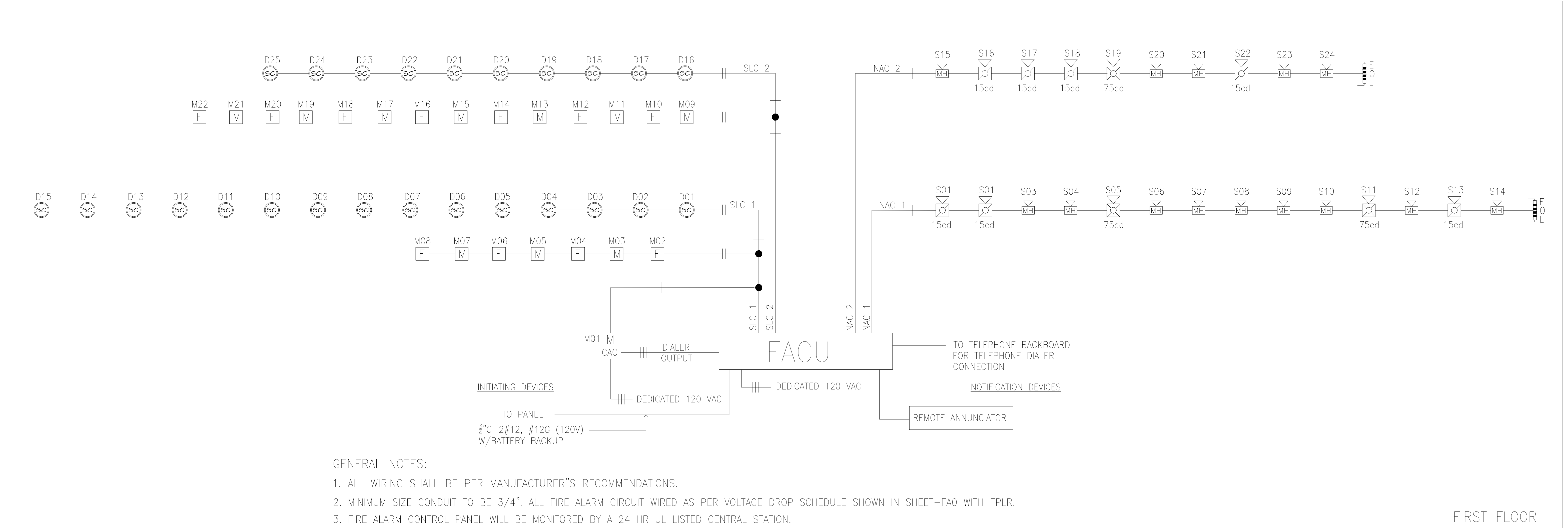
Drawing Title:
SHEET NAME : FIRE ALARM LAYOUT PLAN
SHEET NO : FA1.1

Date:
02/01/2023

Scale @ 24X36:
3/16" = 1'-0"

Revision:

ROOF



- GENERAL NOTES:
1. ALL WIRING SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
 2. MINIMUM SIZE CONDUIT TO BE 3/4". ALL FIRE ALARM CIRCUIT WIRED AS PER VOLTAGE DROP SCHEDULE SHOWN IN SHEET-FA0 WITH FPLR.
 3. FIRE ALARM CONTROL PANEL WILL BE MONITORED BY A 24 HR UL LISTED CENTRAL STATION.

FIRST FLOOR

RISER DIAGRAM

Revision notes:		
Rev:	Date:	Notes:

Engineer/Architect Signature:

Drawn by:
E.ROLLE

Client:
Roy Yeager Construction Co

Project:
PRO. RETIREMENT HOME
13002 TARPON SPRINGS ROAD ODESSA FLORIDA 33556

Drawing Title:
SHEET NAME : FIRE ALARM RISER DIAGRAM
SHEET NO : FA1.2

Date:
02/01/2023

Scale @ 24X36:
NTS

Revision: