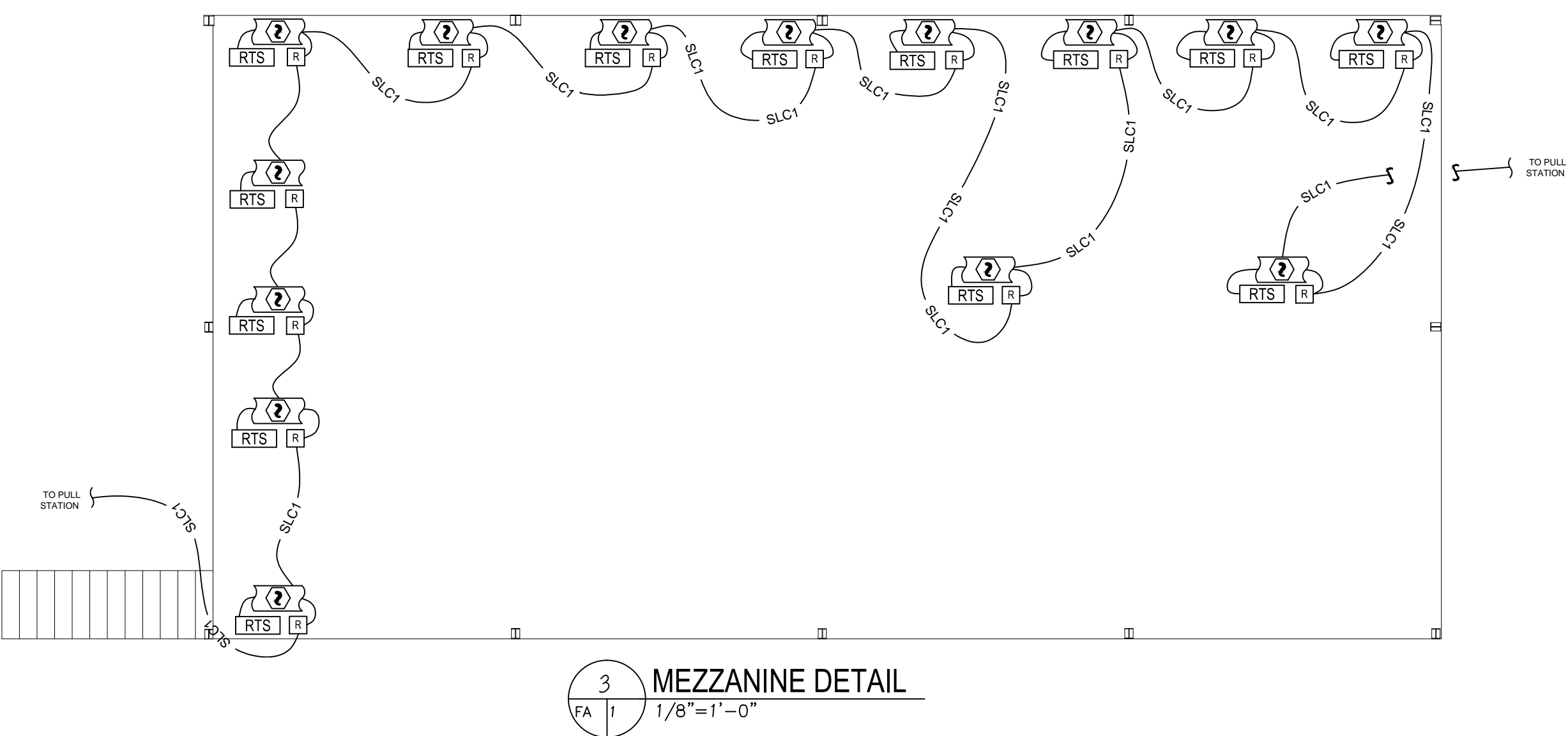


# GENERAL NOTES:

- SEE DEVICE LEGEND FOR MODEL NUMBERS AND SPECIFICATIONS.
- ALL MATERIALS AND EQUIPMENT SHALL BE UL LISTED FOR THE INTENDED USE AND SHALL BE INSTALLED IN FULL COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- MATERIALS AND INSTALLATION SHALL COMPLY WITH NFPA 72 (2013), STATE BUILDING CODE, LOCAL AUTHORITY HAVING JURISDICTION, AND INSURANCE UNDERWRITER'S REQUIREMENTS FOR FIRE ALARM SYSTEMS.
- ALL FIRE ALARM SYSTEM CONDUCTORS SHALL BE RUN IN PLENUM RATED CABLE UNLESS NOTED OTHERWISE. PROVIDE ALL HANGERS, SUPPORTS, ETC. AS REQUIRED. JUNCTION BOX COVERS FOR ALL FIRE ALARM JUNCTION BOXES SHALL BE LABELED AND PAINTED RED. CIRCUITS CAN BE COMBINED IN CONDUIT AS NECESSARY.
- PROVIDE VISIBLE NOTIFICATION SYNCHRONIZATION AS REQUIRED BY NFPA AND ADA.
- A DECIBEL LEVEL OF 15 DBA ABOVE AVERAGE AMBIENT (ON NFPA 72, TABLE A.7.4.2) SHALL BE MAINTAINED IN ALL OCCUPIABLE AREAS MEASURED 5'0" ABOVE THE FLOOR USING THE A-WEIGHTED SCALE. A MINIMUM OF 90 DBA SHALL BE MAINTAINED IN ALL MECHANICAL EQUIPMENT ROOMS PER THE 2018 NORTH CAROLINA FIRE CODE, SECTION 907.5.2.1.1. THE TOTAL SOUND PRESSURE LEVEL PRODUCED BY COMBINING THE AMBIENT AND NOTIFICATION LEVELS SHALL NOT EXCEED 120 DBA ANYWHERE IN THE OCCUPIABLE AREA. DEVICES HAVE BEEN SHOWN TO PROVIDE GENERAL INFRASTRUCTURE TO ACHIEVE SUCH LEVELS.
- FUNCTIONAL TESTING METHOD FOR PROPER OPERATION OF SMOKE DETECTORS AND DUCT DETECTORS SHALL BE DETERMINED BY THE AHJ.
- PULL STATIONS ARE ONLY PROVIDED AT REQUIRED EXITS.
- LOCATIONS OF DEVICES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD.
- CONTRACTOR SHALL PROVIDE ALL TESTING AND DOCUMENTATION AS REQUIRED BY THE LOCAL FIRE MARSHAL AND STATE AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO:
  - ACCEPTANCE TESTING AS REQUIRED PER SECTION 907.7, 2018 NC FIRE CODE.
  - REQUIRED INSPECTIONS, TESTING, AND MAINTENANCE AS REQUIRED BY 2018 NC FIRE CODE.
  - INSTRUCTIONS PER 907.7.3 AND RECORD OF COMPLETION PER SECTION 907.7.2, 2018 NC FIRE CODE.
- SYSTEM SHALL BE CONNECTED TO A U.L. APPROVED CENTRAL MONITORING STATION AS REQUIRED.
- THE FIRE ALARM CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY PRE-EXISTING CODE VIOLATIONS PERTAINING TO THE EXISTING FIRE ALARM SYSTEM.



3 MEZZANINE DETAIL  
1/8"=1'-0"

# FIRE ALARM SEQUENCE OF OPERATION:

UPON CHANGE IN STATUS OF ANY DEVICE ON THE SYSTEM, THE FIRE ALARM CONTROL PANEL SHALL ACTIVATE AUDIBLE AND VISIBLE CHANGE INDICATORS AND DISPLAY THE SYSTEM POINT NUMBER, POINT DESCRIPTION, AND MESSAGE ASSOCIATED WITH THE POINT.

ACTIVATION OF ANY MANUAL PULL STATION, KITCHEN HOOD EXTINGUISHING SYSTEM, WATERFLOW DEVICE, SMOKE DETECTOR, HEAT DETECTOR, SUPERVISORY DEVICE, OR OTHER INITIATING DEVICE WILL CAUSE THE FOLLOWING FUNCTIONS TO OCCUR:

- MANUAL STATION OPERATION SHALL:**
- ACTIVATE AUDIBLE AND VISUAL STATUS CHANGE INDICATORS AND DISPLAY POINT NUMBER, POINT DESCRIPTION, AND MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
  - TRANSMIT AN ALARM SIGNAL TO A U.L. LISTED CENTRAL STATION.
  - ACTIVATE THE AUDIBLE AND VISUAL NOTIFICATION APPLIANCES IN THE BUILDING.
  - RELEASE THE DOOR LOCKING SYSTEMS OF ACCESS-CONTROLLED EGRESS DOORS.
  - SHUT DOWN AIR HANDLERS.

- WATERFLOW SWITCH OPERATION SHALL:**
- ACTIVATE AUDIBLE AND VISUAL STATUS CHANGE INDICATORS AND DISPLAY POINT NUMBER, POINT DESCRIPTION, AND MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
  - TRANSMIT AN ALARM SIGNAL TO A U.L. LISTED CENTRAL STATION.
  - ACTIVATE THE AUDIBLE AND VISUAL NOTIFICATION APPLIANCES IN THE BUILDING.
  - RELEASE THE DOOR LOCKING SYSTEMS OF ACCESS-CONTROLLED EGRESS DOORS.
  - SHUT DOWN AIR HANDLERS.

- SMOKE OR HEAT DETECTOR OPERATION SHALL:**
- ACTIVATE AUDIBLE AND VISUAL STATUS CHANGE INDICATORS AND DISPLAY POINT NUMBER, POINT DESCRIPTION, AND MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
  - TRANSMIT AN ALARM SIGNAL TO A U.L. LISTED CENTRAL STATION.
  - ACTIVATE THE AUDIBLE AND VISUAL NOTIFICATION APPLIANCES IN THE BUILDING.
  - RELEASE THE DOOR LOCKING SYSTEMS OF ACCESS-CONTROLLED EGRESS DOORS.
  - SHUT DOWN AIR HANDLERS.

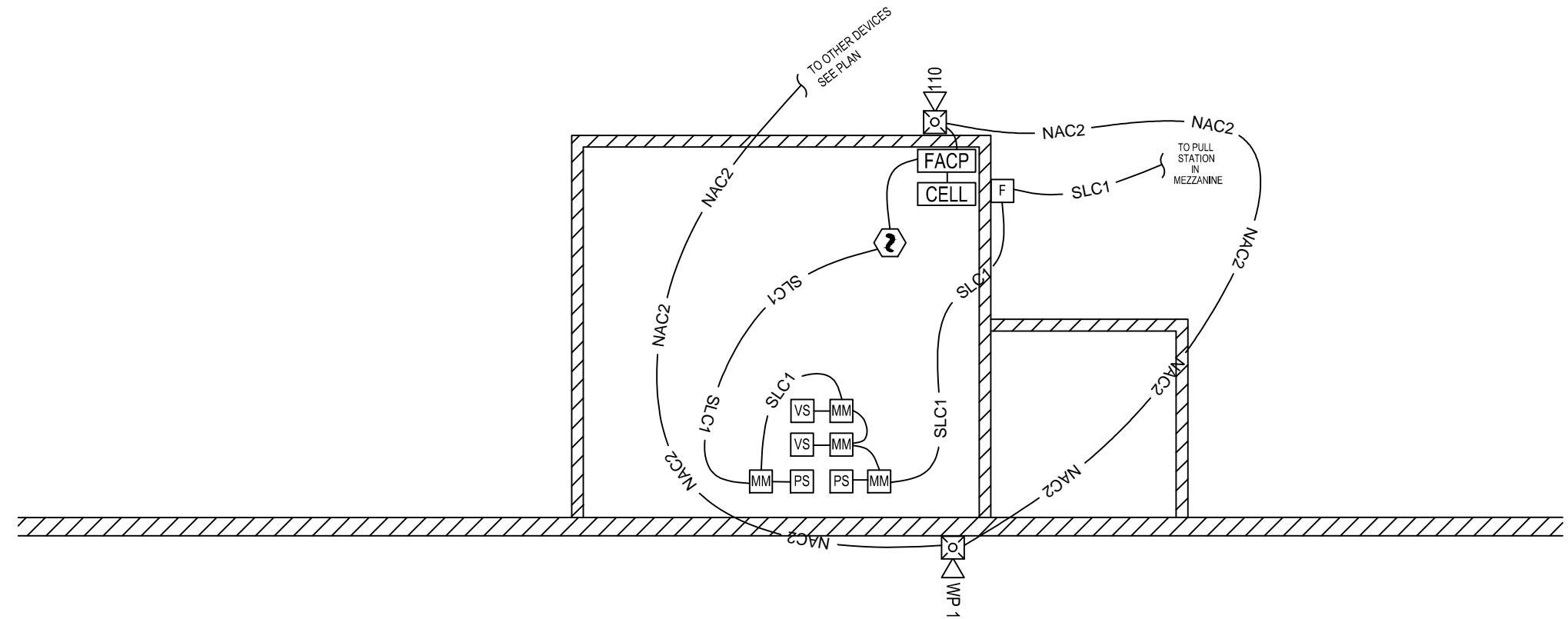
- DUCT SMOKE DETECTOR OPERATION SHALL:**
- ACTIVATE AUDIBLE AND VISUAL STATUS CHANGE INDICATORS AND DISPLAY POINT NUMBER, POINT DESCRIPTION, AND MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
  - TRANSMIT A SUPERVISORY SIGNAL TO A U.L. LISTED CENTRAL STATION.
  - SHUT DOWN AIR HANDLERS.

- SUPERVISORY DEVICE ACTIVATION, INCLUDING VALVE SUPERVISORY DEVICES SHALL:**
- ACTIVATE AUDIBLE AND VISUAL STATUS CHANGE INDICATORS AND DISPLAY POINT NUMBER, POINT DESCRIPTION, AND MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
  - TRANSMIT A SUPERVISORY SIGNAL TO A U.L. LISTED CENTRAL STATION. THIS SIGNAL SHALL BE DISTINCTLY DIFFERENT THAN A TROUBLE SIGNAL.

REMOVAL OF ANY DEVICE, WIRING DISARRANGEMENT, OR SYSTEM COMPONENT FAILURE SHALL DISPLAY ON THE OPERATOR TERMINAL, THE CHANGE OF STATUS, TIME, DATE, POINT DESCRIPTION ON A POINT BY POINT BASIS, AND THE MESSAGE ASSOCIATED WITH THE POINT AND TRANSMIT A TROUBLE SIGNAL TO A U.L. LISTED CENTRAL STATION.

INDICATION EVACUATION TONE SHALL BE THREE BEAT TEMPORAL PATTERN, UNLESS HIGH RISE OR LARGE ASSEMBLY.

| FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX             | SYSTEM OUTPUTS    |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
|---|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---|---|---|---|---|---|---|---|---|---|---|--|--|
|   | FACP ANNUNCIATION |   |   |   |   |   |   |   |   |   |   |   |   | NOTIFICATION |   |   |   |   |   |   |   |   |   |   |   |  |  |
| SYSTEM INPUTS                                     | A                 | B | C | D | E | F | G | H | I | J | K | L | M | N            | O | P | Q | R | S | T | U | V | W | X | Y |  |  |
| 1 FIRE ALARM SYSTEM AC POWER FAILURE              |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 2 FIRE ALARM SYSTEM LOW BATTERY                   |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 3 OPEN CIRCUIT                                    |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 4 GROUND FAULT                                    |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 5 NOTIFICATION APPLIANCE CIRCUIT SHORT            |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 6 BUILDING MANUAL PULL STATIONS                   |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 7 CORRIDOR SMOKE DETECTORS                        |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 8 AREA SMOKE DETECTORS                            |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 9 HVAC AIR DUCT SMOKE DETECTORS                   |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 10 AREA HEAT DETECTORS                            |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 11 HOOD OR ROOM FIRE SUPPRESSION SYSTEM ALARM     |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 12 SPRINKLER TAMPER SWITCH                        |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 13 SPRINKLER WATER FLOW IN BUILDING               |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 14 SPRINKLER WATER FLOW IN ELEV EQUIP RM OR SHAFT |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 15 ELEV EQUIP RM AREA SMOKE DETECTOR              |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 16 ELEV SHAFT AND ELEV EQUIP RM HEAT DETECTORS    |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 17 ELEV LOBBY SMOKE DETECTORS - UPPER FLOORS      |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 18 ELEV LOBBY SMOKE DETECTOR - RECALL FLOOR       |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 19 ELEV CONTROLLER POWER SHUNT TRIP STATUS        |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 20 FIRE PUMP POWER FAILURE/PHASE REVERSAL         |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 21 FIRE PUMP RUNNING                              |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 22 FIRE PUMP SYSTEM NOT IN AUTOMATIC              |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 23 LEGALLY REQUIRED GENERATOR SYSTEM LOW FUEL     |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 24 LEGALLY REQUIRED GENERATOR NOT IN AUTOMATIC    |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 25 AREA OF REFUGE TWO-WAY COMMUNICATIONS STATUS   |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 26  |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |
| 27  |                   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |  |  |



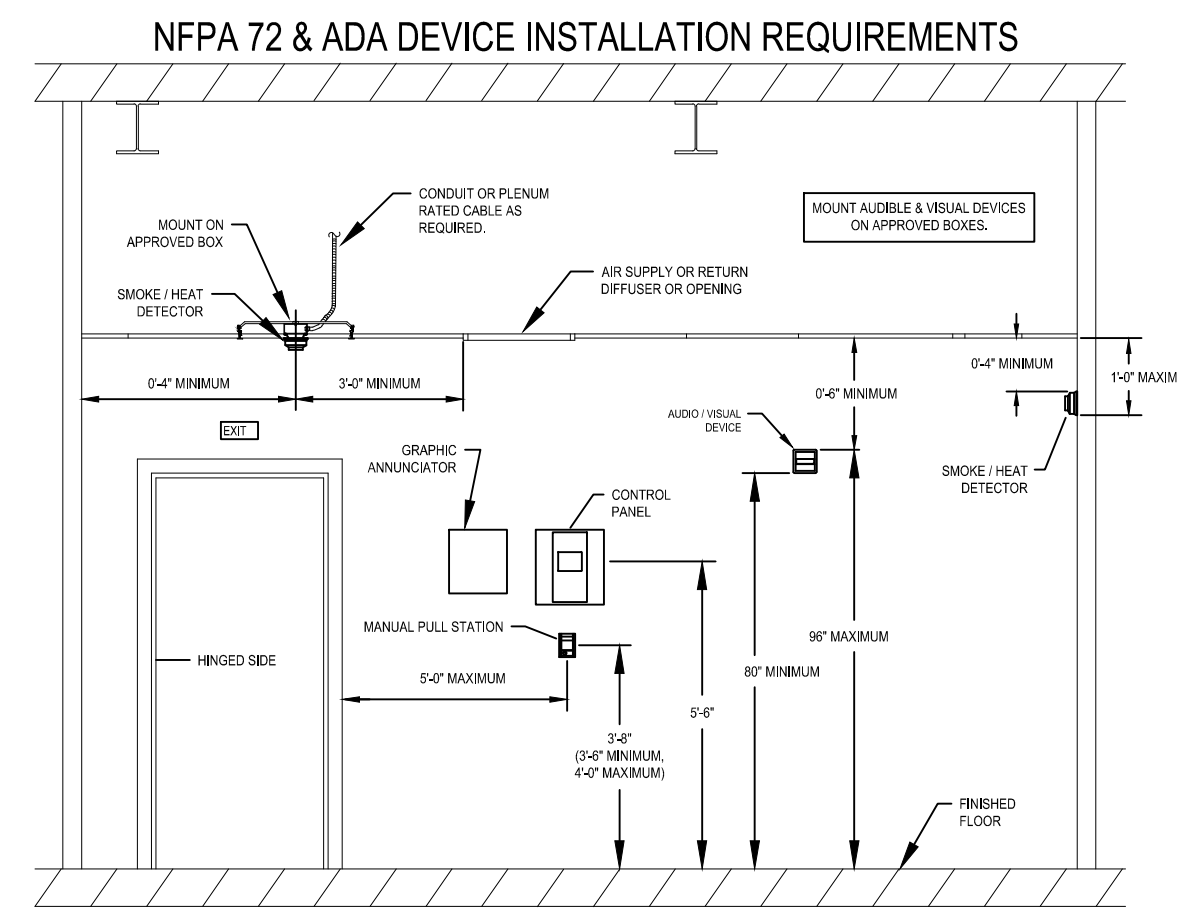
2 RISER ROOM DETAIL  
1/8"=1'-0"

### FIRE ALARM LINETYPE LEGEND

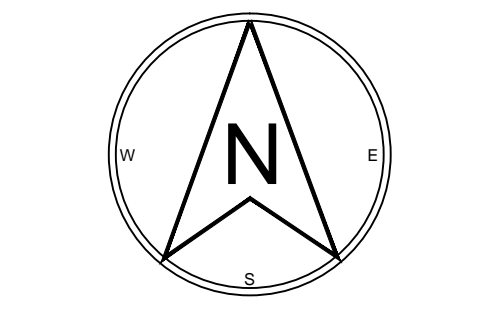
|           |  |       |                 |
|-----------|--|-------|-----------------|
| —————     | NEW DEVICE OR RELOCATED EXISTING DEVICE  |       |                 |
| - - - - - | EXISTING DEVICE TO REMAIN  | WIRE: | SLC - 18/2 FPLP |
| .....     | EXISTING DEVICE TO BE DEMO'D   |       | NAC - 16/2 FPLP |
| —————     | NAC1   |       | RTS - 18/2 FPLP |
| —————     | NEW NAC WIRING. NUMBER INDICATES CIRCUIT IN NAC POWER EXTENDER PANEL.                |       | RISER - FPLR    |
| —————     | SLC1   |       |                 |
| - - - - - | EXISTING NAC WIRING TO REMAIN. NUMBER INDICATES CIRCUIT IN NAC POWER EXTENDER PANEL. |       |                 |
| - - - - - | EXISTING SLC WIRING TO REMAIN. NUMBER INDICATES CIRCUIT IN CONTROL PANEL.            |       |                 |

### FIRE ALARM DEVICE LEGEND

| SYMBOL      | #  | DESCRIPTION  | MODEL NUMBER                     | NOTES  |
|-------------|----|--|----------------------------------|--|
| FACP        | 1  | FIRE ALARM CONTROL PANEL                                   | GAMEWELL #S3 SERIES              | ADDRESSABLE, 24VDC, 318 POINT SLC LOOP, 4 CLASS B NAC CIRCUITS OR 2 CLASS A NAC CIRCUITS   |
| CELL        | 1  | CELLULAR COMMUNICATOR                                      | STARLINK #SLE-4TEA-FIRE          | STARLINK CELLULAR COMMUNICATOR. SEE CUT SHEET.   |
| XX          | 4  | WALL MOUNTED FIRE ALARM HORN STROBE - WHITE                | SYSTEM SENSOR L-SERIES #P2WL     | MOUNT BOTTOM OF BOX AT 84" MINIMUM OR TOP OF BOX AT 96" MAXIMUM ABOVE FINISHED FLOOR. CONNECT AS REQUIRED. CANDELA STROBE AS INDICATED ON PLANS. |
| WP XX       | 1  | WALL MOUNTED FIRE ALARM HORN STROBE - WHITE - WEATHERPROOF | SYSTEM SENSOR #P2WK              | MOUNT BOTTOM OF BOX AT 84" MINIMUM OR TOP OF BOX AT 96" MAXIMUM ABOVE FINISHED FLOOR. CONNECT AS REQUIRED. CANDELA STROBE AS INDICATED ON PLANS. |
| XX          | 2  | CEILING MOUNTED FIRE ALARM STROBE - WHITE                  | SYSTEM SENSOR L-SERIES #SCWL     | CENTER DEVICE IN CEILING TILE. DEVICE SHALL BE U.L. LISTED FOR USE IN CEILING. CONNECT AS REQUIRED. STROBE AS INDICATED ON PLANS.                |
| XX          | 1  | CEILING MOUNTED FIRE ALARM HORN STROBE - WHITE             | SYSTEM SENSOR L-SERIES #PC2WL    | CENTER DEVICE IN CEILING TILE. DEVICE SHALL BE U.L. LISTED FOR USE IN CEILING. CONNECT AS REQUIRED. STROBE AS INDICATED ON PLANS.                |
| ?           | 1  | SMOKE DETECTOR   | GAMEWELL #ASD-PL3R               | ADDRESSABLE  |
| ?           | 16 | DUCT SMOKE DETECTOR  | GAMEWELL #ASD-PL3R               | ADDRESSABLE - CONNECT AS SHOWN ON PLANS. #NDR HOUSING W/ #ASD-PL3R DETECTOR HEAD - REMOTE TEST CAPABLE.  |
| RTS         | 16 | REMOTE TEST STATION  | SYSTEM SENSOR #RTS151KEY         | MOUNT 5' - 7" ABOVE FINISHED FLOOR   |
| F           | 4  | MANUAL PULL STATION  | GAMEWELL #MS-7                   | ADDRESSABLE - MOUNT CENTER OF BOX AT 44" ABOVE FINISHED FLOOR.   |
| MM          | 4  | MONITOR MODULE   | GAMEWELL #AMM-4F                 | CONNECT AS SHOWN ON PLANS  |
| R           | 16 | RELAY MODULE   | GAMEWELL #AOM-2RF                | CONNECT AS SHOWN ON PLANS  |
| PS HP VS TS | -  | SPRINKLER MONITORING SWITCHES                              | PROVIDED BY SPRINKLER CONTRACTOR | CONNECT AS SHOWN ON PLANS  |



1 MOUNTING HEIGHTS DETAIL  
NTS



IMPORTANT: FIRE ALARM SYSTEMS CONSIST OF ELECTRICAL COMPONENTS THAT SHOULD BE INSTALLED AND MODIFIED ONLY BY QUALIFIED INDIVIDUALS. CRAWFORD SPRINKLER COMPANY IS NOT LIABLE FOR ANY INJURY OR DAMAGE TO PROPERTY INCURRED FROM TAMPERING BY UNQUALIFIED PERSONS.

THIS DRAWING AND THE INFORMATION HEREON IS THE PROPERTY OF CRAWFORD SPRINKLER COMPANY OF RALEIGH AND MAY NOT BE REPRODUCED, ALTERED OR USED IN ANY FORM WITHOUT CONSENT FROM CRAWFORD SPRINKLER COMPANY OF RALEIGH (CSCO). THIS FIRE ALARM PLANNING AND DESIGN DRAWING HAS BEEN PREPARED BY CSCO AS A LICENSED FIRE ALARM CONTRACTOR UNDER ARTICLE 2 OF CHAPTER 87 OF THE GENERAL STATUTES FOR CSCO'S EXCLUSIVE USE PURSUANT TO G.S. § 89C-25(6). AND CSCO MUST PERFORM ANY AND ALL INSTALLATION WORK AND OTHER WORK PERFORMED IN RELIANCE ON THIS DRAWING PURSUANT TO G.S. § 55B-61(2). INSTALLATION WORK OR ANY OTHER WORK PERFORMED BY ANY OTHER PERSON OR ENTITY IN RELIANCE ON THIS DRAWING OR ANY COPY THEREOF IS STRICTLY PROHIBITED.

©2019 CRAWFORD SPRINKLER CO. OF RALEIGH, INC.



2725 S. SAUNDERS STREET - RALEIGH, NC 27603 • PO BOX 26207 - RALEIGH, NC 27611  
PHONE 919-858-3348 • FAX 919-859-3164

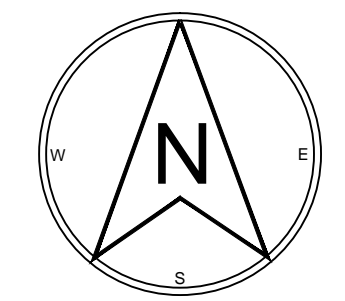
KRIGEN PHARMA  
FIRE ALARM SHOP DRAWING  
800 EDWARDS BROTHERS DR  
LILLINGTON, NC 27546

UNDERWRITERS: -  
INDEX NO.

REVISIONS:

### DESIGN CRITERIA

|                               |              |
|-------------------------------|--------------|
| SYSTEM TYPE                   | ADDRESSABLE  |
| SYSTEM DESIGN                 | CALCULATED   |
| DESIGN CRITERIA               | NFPA 72      |
| SYSTEM SCOPE                  | NOTIFICATION |
| SQUARE FOOTAGE                | 53,994 SQFT  |
| DRAWN BY: NWH                 | DATE: 2/4/21 |
| CHECK BY: GEH                 | DATE:        |
| SCALE: AS NOTED               |              |
| CONTRACT NO: F21 8005         |              |
| DWG. NO: FA1                  |              |
| N.C License No. 33232 SP-FALV |              |



IMPORTANT: FIRE ALARM SYSTEMS CONSIST OF ELECTRICAL COMPONENTS THAT SHOULD BE INSTALLED AND MODIFIED ONLY BY QUALIFIED INDIVIDUALS. CRAWFORD SPRINKLER COMPANY IS NOT LIABLE FOR ANY INJURY OR DAMAGE TO PROPERTY INCURRED FROM TAMPERING BY UNQUALIFIED PERSONS.

THIS DRAWING AND THE INFORMATION HEREON IS THE PROPERTY OF CRAWFORD SPRINKLER COMPANY OF RALEIGH AND MAY NOT BE REPRODUCED, ALTERED OR USED IN ANY FORM WITHOUT CONSENT FROM CRAWFORD SPRINKLER COMPANY OF RALEIGH (CSCO). THIS FIRE ALARM PLANNING AND DESIGN DRAWING HAS BEEN PREPARED BY CSCO AS A LICENSED FIRE ALARM CONTRACTOR UNDER ARTICLE 2 OF CHAPTER 87 OF THE GENERAL STATUTES FOR CSCO'S EXCLUSIVE USE PURSUANT TO G.S. § 89C-25(3). AND CSCO MUST PERFORM ANY AND ALL INSTALLATION WORK AND OTHER WORK PERFORMED IN RELIANCE ON THIS DRAWING PURSUANT TO G.S. § 55B-61(2). INSTALLATION WORK OR ANY OTHER WORK PERFORMED BY ANY OTHER PERSON OR ENTITY IN RELIANCE ON THIS DRAWING OR ANY COPY THEREOF IS STRICTLY PROHIBITED.

©2019 CRAWFORD SPRINKLER CO. OF RALEIGH, INC.

**Crawford SPRINKLER CO.**  
OF RALEIGH, INC.  
2725 S. SAUNDERS STREET - RALEIGH, NC 27603 • PO BOX 28207 - RALEIGH, NC 27611  
PHONE 919-858-3346 • FAX 919-859-3164

**KRIGEN PHARMA**  
FIRE ALARM SHOP DRAWING  
800 EDWARDS BROTHERS DR  
LILLINGTON, NC 27546

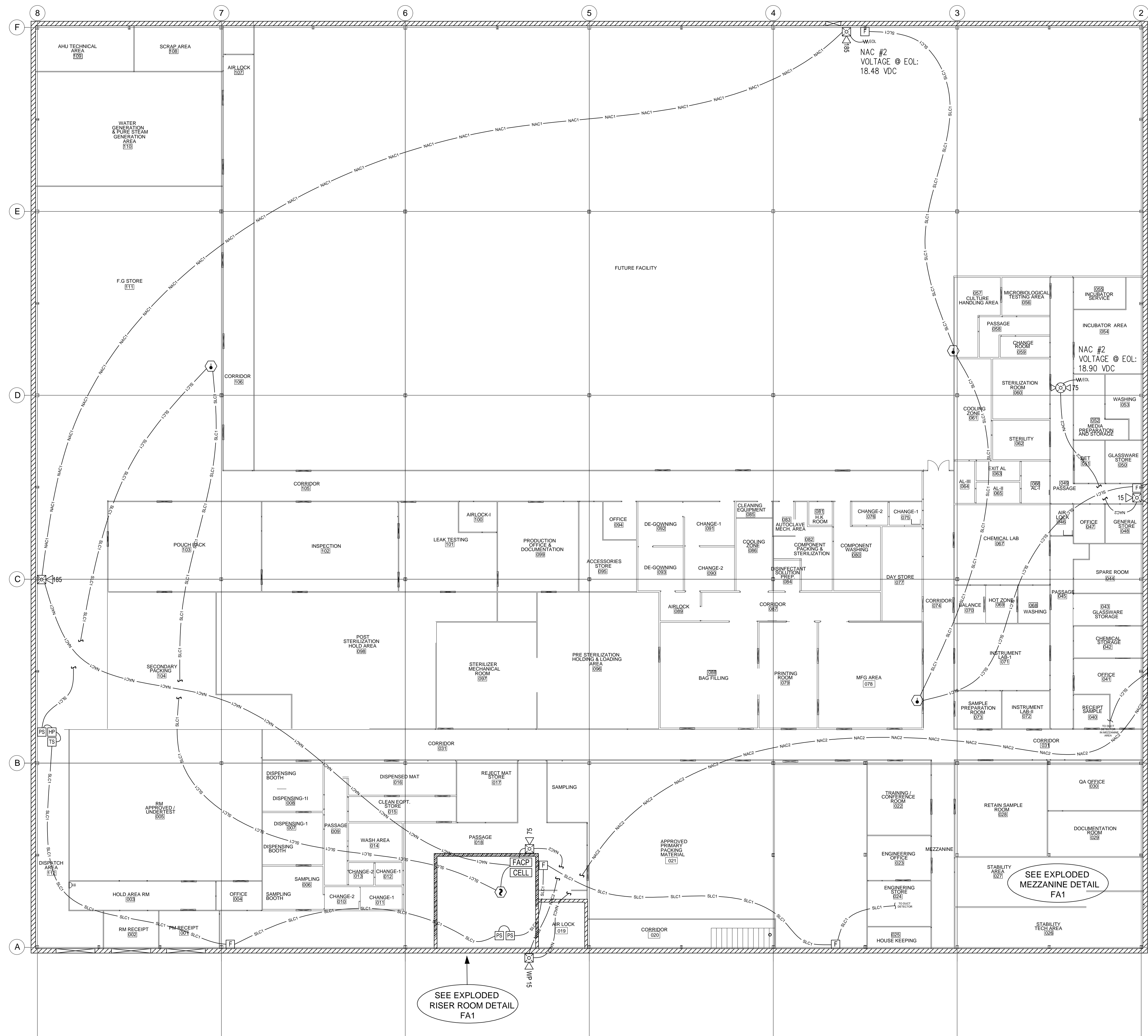
UNDERWRITERS: -  
INDEX NO.  
REVISIONS:

| DESIGN CRITERIA |              |
|-----------------|--------------|
| SYSTEM TYPE     | ADDRESSABLE  |
| SYSTEM DESIGN   | CALCULATED   |
| DESIGN CRITERIA | NFPA 72      |
| SYSTEM SCOPE    | NOTIFICATION |
| SQUARE FOOTAGE  | 53,994 SQFT  |
| DRAWN BY: NIWH  | DATE: 2/4/21 |
| CHECK BY: GEH   | DATE:        |
| SCALE:          | AS NOTED     |

CONTRACT NO. F21 6005  
FILE NO.:

DWG. NO. FA2

N.C License No. 33232 SP-FA/LV



| FIRE ALARM LINETYPE LEGEND |  |
|----------------------------|--|
| —                          | NEW DEVICE OR RELOCATED EXISTING DEVICE  |
| - - - - -                  | EXISTING DEVICE TO REMAIN  |
| - - - - -                  | EXISTING DEVICE TO BE DEMO'D   |
| — NAC1 —                   | NEW NAC WIRING. NUMBER INDICATES CIRCUIT IN NAC POWER EXTENDER PANEL.                |
| — SLC1 —                   | NEW SLC WIRING. NUMBER INDICATES CIRCUIT IN CONTROL PANEL.                           |
| - - - - - NAC1 - - - - -   | EXISTING NAC WIRING TO REMAIN. NUMBER INDICATES CIRCUIT IN NAC POWER EXTENDER PANEL. |
| - - - - - SLC1 - - - - -   | EXISTING SLC WIRING TO REMAIN. NUMBER INDICATES CIRCUIT IN CONTROL PANEL.            |
| WIRE:                      | SLC - 18/2 FPLP<br>NAC - 16/2 FPLP<br>RTS - 18/2 FPLP<br>RISER - FPLR                |

| FIRE ALARM DEVICE LEGEND |    |  |                                  |   |
|--------------------------|----|--|----------------------------------|---|
| SYMBOL                   | #  | DESCRIPTION  | MODEL NUMBER                     | NOTES   |
| [FACP]                   | 1  | FIRE ALARM CONTROL PANEL                                   | GAMEWELL #431 SERIES             | ADDRESSABLE, 24VDC, 316 POINT SLC LOOP, 4 CLASS B NAC CIRCUITS OR 2 CLASS A NAC CIRCUITS  |
| [CELL]                   | 1  | CELLULAR COMMUNICATOR                                      | STARLINK #SL4-TEA-FIRE           | STARLINK CELLULAR COMMUNICATOR. SEE OUT SHEET.  |
| [X]                      | 4  | WALL MOUNTED FIRE ALARM HORN STROBE - WHITE                | SYSTEM SENSOR L-SERIES #P2WL     | MOUNT BOTTOM OF BOX AT 84" MINIMUM OR TOP OF BOX AT 96" MAXIMUM ABOVE FINISHED FLOOR. CONNECT AS REQUIRED. GAMBELLA STROBE AS INDICATED ON PLANS. |
| [WP XX]                  | 1  | WALL MOUNTED FIRE ALARM HORN STROBE - WHITE - WEATHERPROOF | SYSTEM SENSOR #P2WK              | MOUNT BOTTOM OF BOX AT 84" MINIMUM OR TOP OF BOX AT 96" MAXIMUM ABOVE FINISHED FLOOR. CONNECT AS REQUIRED. GAMBELLA STROBE AS INDICATED ON PLANS. |
| [XX]                     | 2  | CENTRAL MOUNTED FIRE ALARM STROBE - WHITE                  | SYSTEM SENSOR L-SERIES #SCWL     | CENTER DEVICE IN CEILING TILE. DEVICE SHALL BE UL LISTED FOR USE IN CEILINGS. CONNECT AS REQUIRED. STROBE AS INDICATED ON PLANS.                  |
| [XX]                     | 1  | CENTRAL MOUNTED FIRE ALARM HORN STROBE - WHITE             | SYSTEM SENSOR L-SERIES #PCWL     | CENTER DEVICE IN CEILING TILE. DEVICE SHALL BE UL LISTED FOR USE IN CEILINGS. CONNECT AS REQUIRED. STROBE AS INDICATED ON PLANS.                  |
| [2]                      | 1  | SMOKE DETECTOR   | GAMEWELL #43D-PL3R               | ADDRESSABLE   |
| [2]                      | 16 | DUCT SMOKE DETECTOR  | GAMEWELL #43D-PL3R               | ADDRESSABLE - CONNECT AS SHOWN ON PLANS. #0NR HOUSING W/ #43D-PL3R DETECTOR HEAD. REMOTE TEST CAPABLE.  |
| [RTS]                    | 16 | REMOTE TEST STATION  | SYSTEM SENSOR RTS1515KEY         | MOUNT 5' - 7" ABOVE FINISHED FLOOR  |
| [F]                      | 4  | MANUAL PULL STATION  | GAMEWELL #M-7                    | ADDRESSABLE - MOUNT CENTER OF BOX AT 44" ABOVE FINISHED FLOOR.  |
| [M]                      | 4  | MONITOR MODULE   | GAMEWELL #4MM-4F                 | CONNECT AS SHOWN ON PLANS   |
| [R]                      | 16 | RELAY MODULE   | GAMEWELL #4RM-2RF                | CONNECT AS SHOWN ON PLANS   |
| [PS]                     | -  | SPRINKLER MONITORING SWITCHES                              | PROVIDED BY SPRINKLER CONTRACTOR | CONNECT AS SHOWN ON PLANS   |

SEE EXPLODED RISER ROOM DETAIL FA1

SEE EXPLODED MEZZANINE DETAIL FA1

1 FIRE ALARM PLAN  
3/32"=1'-0"