

FIRE ALARM GENERAL NOTES

1. ALL FIRE ALARM WORK SHOWN ON THIS DRAWING MUST BE INSTALLED BY THE FIRE ALARM CONTRACTOR. A BUILDING PERMIT FOR THIS WORK MUST BE SECURED AT THIS CONTRACTOR'S EXPENSE.
2. THE FIRE PROTECTION SUBCONTRACTORS QUOTING ON THEIR SPECIFIC SCOPE OF WORK / SERVICES TO CONTACT THE LOCAL BUILDING DEPARTMENT / AGENCY TO DISCUSS CODE ISSUES/IDIOSYNCRASIES REGARDING THEIR SERVICES AND THE QUOTE ASSOCIATED WITH THE SERVICES TO THE GENERAL CONTRACTOR FOR THIS PROJECT. THIS CONTRACTOR IS NOT FAMILIAR WITH THE SITE WHERE SUCH SERVICES / WORK WILL BE PERFORMED. THIS SPECIFIC USE AND THE IDIOSYNCRASIES ASSOCIATED WITH THE LIFE, SAFETY AND HEALTH ASSOCIATED WITH THIS WORK AND TO INDICATE IN THE DRAWINGS / SPECIFICATIONS THAT ARE NOT NECESSARILY SHOWN ON THE QUOTE ANY ITEMS
3. ALL FIRE ALARM DEVICES HAVE BEEN SELECTED AND POSITIONED PER NFPA 72-2016 AND THE AMERICANS WITH DISABILITIES ACT GUIDELINES FOR LIGHT INTENSITY AND AUDIBILITY. ANY CHANGES TO DEVICES, OR LOCATIONS SHOWN ON THIS PLAN MUST BE APPROVED BY THE ARCHITECT. ANY CHANGES ARE ALSO SUBJECT TO REVIEW AND APPROVAL BY THE LOCAL FIRE DEPARTMENT AT THEIR DISCRETION. IT IS STILL THE FIRE ALARM CONTRACTOR'S RESPONSIBILITY TO INSTALL CORRECT QUANTITY AND IN PROPER LOCATIONS. THE GENERAL FIRE ALARM INSTALLATION INCLUDING, ANNUNCIATION AND EMERGENCY NOTIFICATION MUST COMPLY WITH THE LANDLORD'S TENANT CONSTRUCTION AND DESIGN MANUAL (IF APPLICABLE), AND THE LEASE AGREEMENT BETWEEN LANDLORD AND TENANT. ANY CONFLICTS BETWEEN THIS DESIGN AND THE LEASE AGREEMENT MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO INSTALLATION OR REMEDIAL MEASURES WILL BE PER THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
4. ALL WIRING FOR FIRE ALARM DEVICES SHALL BE IN RIGID STEEL THREADED CONDUIT AND SHALL BE PLENUM APPROVED LOW VOLTAGE WIRING AND BE COMPATIBLE WITH THE BUILDING FIRE ALARM SYSTEM IF APPLICABLE. FIRE ALARM SYSTEM SHALL BE HARD-WIRED, USE SIZES OF WIRE FOR HORN / STROBE CIRCUITS, TO BE CALCULATED BY THIS CONTRACTOR TO MEET ALL CODE ISSUES.
5. ALL SMOKE DETECTORS, AS APPLICABLE, SHALL OPERATE ON "ALARM VERIFICATION." UPON VERIFICATION, A "FIRE ALARM" SIGNAL SHALL BE SENT TO A LOCALLY APPROVED OFF-SITE ALARM RECEIVING FACILITY. FIRE ALARM SIGNALS SHALL ALSO BE SENT UPON ACTIVATION OF WATER FLOW OR MANUAL STATION OPERATION. SUPERVISORY SIGNAL SHALL BE SENT UPON VALVE TAMPER SWITCH ACTIVATION. A "TROUBLE" SIGNAL SHALL BE SENT IN THE EVENT OF CIRCUIT INTERRUPTION. IF THE SYSTEM IS HOOKED ON TO A LANDLORD PROVIDED JUNCTION BOX OR SYSTEM, THIS CONTRACTOR TO CONTACT LANDLORD REPRESENTATION TO REVIEW APPLICABLE LOCATIONS FOR SIGNALS, AND HOW AND WHERE THEY ARE TO BE RECEIVED.
6. ALL DUCT DETECTORS INDICATED SHALL BE LOCATED DOWNSTREAM OF AIR FILTER AND AHEAD OF ANY BRANCH CONNECTIONS IN EACH AIR SUPPLY SYSTEM.
7. INSTALL ALL HORN / STROBE UNITS WITH BOTTOM OF DEVICE AT 6'-8" ABOVE FLOOR OR SLIGHTLY HIGHER AS DICTATED BY WALL DECOR OR FIXTURE SYSTEMS. ALL STROBE / STROBE LIGHTS MUST BE SECURELY MOUNTED AND SHALL NOT BE SUBJECT TO ACCIDENTAL DISLODGING.
8. EACH FAN SHUT DOWN RELAY SHALL BE MANUALLY RESET-ABLE AT THE CONTROL PANEL.
9. ALL FIRE ALARM EQUIPMENT USED SHALL BE FROM THE SAME MANUFACTURER AS THE LANDLORD'S BUILDING SYSTEM, AS APPLICABLE.
10. SHOP DRAWINGS & SUBMITTALS: SUBMIT THREE (3) SETS OF SHOP DRAWINGS IDENTIFIED WITH PROJECT NAME TO THE BUILDING OWNER, OWNER AND OWNER'S CONSTRUCTION REPRESENTATIVE FOR HIS FILE.
- A. BY SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS TO THE CLIENT AND ARCHITECT THAT THE CONTRACTOR HAS (1) REVIEWED AND APPROVED THEM, (2) DETERMINED AND VERIFIED MATERIALS FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO AND (3) CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
- B. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTAL AND REVIEW SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT.
- C. THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTAL EXCEPT THAT THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY ANY APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE CLIENT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND
- D. D.1. THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE IN THE WORK, OR
D.2. A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION.
D.3. THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION IN WRITING OR ON RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT ON PREVIOUS SUBMITTALS. IN THE ABSENCE OF SUCH WRITTEN NOTICE, THE ARCHITECT'S APPROVAL OF A RESUBMISSION SHALL NOT APPLY TO SUCH REVISIONS.
- E. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT'S APPROVAL THEREOF.
- II. AN "AS-BUILT" DRAWING OF THE FIRE ALARM SYSTEM SHALL BE MAINTAINED IN THE TENANT SPACE AFTER INSTALLATION WITH A COPY SENT TO THE ARCHITECT FOR RECORD PURPOSES ONLY.
12. TO TENANT:
ALTHOUGH FIRE ALARM NOTIFICATION DEVICES HAVE BEEN DESIGNED TO AFFORD THE MINIMUM REQUIRED DECIBEL LEVEL THROUGHOUT THE SPACE, THE PRESENCE OF MERCHANDISE & FIXTURES HAVE AN EFFECT ON THE DECIBEL LEVEL UNPREDICTABLE AT THE TIME OF DESIGN. IN THE EVENT MINIMUM DECIBEL LEVELS ARE NOT 15 DBA ABOVE THE AMBIENT SOUND LEVEL FOR THE OPERATIONAL STORE OR ACCEPTABLE TO THE LOCAL AUTHORITIES AT THE TIME OF FINAL INSPECTION, ADDITIONAL SPEAKER(S) MAY BE REQUIRED.
13. EACH AND ALL ITEMS OF THE FIRE ALARM SYSTEM SHALL BE LISTED AS A PRODUCT OF A FIRE ALARM SYSTEM MANUFACTURER UNDER THE APPROPRIATE CATEGORY BY THE UNDERWRITERS' LABORATORIES, INC. (UL) AND SHALL BEAR THE UL LABEL. ALL CONTROL EQUIPMENT SHALL BE LISTED UNDER UL CATEGORY 1001Z AS A SINGLE CONTROL UNIT. PARTIAL LISTING SHALL NOT BE ACCEPTABLE. IN ADDITION TO THE UL 1001Z REQUIREMENT LISTED ABOVE, THE SYSTEM CONTROLS SHALL BE LISTED FOR THE FOLLOWING APPLICATIONS PER NEC 760. ALL CIRCUITS MUST BE MARKED IN ACCORDANCE WITH NEC ARTICLE 760-2. FURNISH AND INSTALL A COMPLETE FIRE ALARM SYSTEM AS DESCRIBED HEREIN TO BE WIRED, CONNECTED, AND LEFT IN FIRST CLASS OPERATING CONDITION. THE SYSTEM SHALL BE WIRED TO ALL INITIATING DEVICES CIRCUITS WITH INDIVIDUAL ZONE SUPERVISED INDIVIDUAL INDICATING APPLIANCE CIRCUIT SUPERVISION, INCOMING AND STANDBY POWER SUPERVISION, INCLUDE A CONTROL PANEL, MANUAL PULL STATIONS, AUTOMATIC FIRE DETECTORS, HORNS, FLASHING LIGHTS, ALL WIRING CONNECTIONS TO DEVICES, OUTLET BOXES, JUNCTION BOXES, AND ALL OTHER NECESSARY MATERIAL FOR A COMPLETE OPERATING SYSTEM. PROVIDE TELEPHONE LINE FOR OFF SITE MONITORING.
14. OPERATION:
- A. THE SYSTEM ALARM OPERATION SUBSEQUENT TO THE ALARM ACTIVATION OF ANY MANUAL STATION, AUTOMATIC DETECTION DEVICE, OR SPRINKLER FLOW SWITCH SHALL BE AS FOLLOWS:
- A.1. THE APPROPRIATE INITIATING DEVICE CIRCUIT RED LED SHALL FLASH ON THE CONTROL PANEL UNTIL THE ALARM HAS BEEN SILENCED AT THE CONTROL PANEL. ONCE SILENCED, THIS SAME LED SHALL LATCH ON. A SUBSEQUENT ALARM RECEIVED AFTER SILENCING SHALL FLASH THE SUBSEQUENT ZONE ALARM LED ON THE CONTROL PANEL.
- A.2. FOLLOWING ALARM TONE SHALL OCCUR WITHIN THE CONTROL PANEL UNTIL SILENCED.
- B. ALL ALARM INDICATING APPLIANCES SHALL SOUND IN A CONTINUOUS RINGING ALARM PATTERN UNTIL SILENCED BY THE ALARM SILENCE SWITCH AT THE CONTROL PANEL.
- C. ALL VISUAL ALARM LAMPS SHALL OPERATE UNTIL SYSTEM IS RESET.
- D. IF A SPRINKLER SYSTEM IS EXISTING, THE ACTIVATION OF ANY STANDPIPE OR SPRINKLER TAMPER SWITCH SHALL ACTIVATE A DISTINCTIVE SYSTEM SUPERVISORY AUDIBLE SIGNAL AND ILLUMINATE A "SPRINKLER SUPERVISORY TAMPER" LED AT THE SYSTEM CONTROLS. THERE SHALL BE NO CONTINUATION BETWEEN VALVE TAMPER ACTIVATION & OPENS AND/OR GROUNDS ON FIRE ALARM INITIATION CIRCUIT WIRING.
- E. IF A SPRINKLER SYSTEM IS EXISTING, ACTIVATING THE TROUBLE SILENCE SWITCH WILL SILENCE THE SUPERVISORY AUDIBLE SIGNAL WHILE MAINTAINING THE "SPRINKLER SUPERVISORY TAMPER" LED INDICATING THE TAMPER CONTACT IS STILL ACTIVATED.
- F. RESTORING THE VALVE TO THE NORMAL POSITION SHALL CAUSE THE AUDIBLE SIGNAL AND LED TO PULSE AT A MARCH TIME RATE.
- G. ACTIVATING THE TROUBLE SILENCE SWITCH WILL SILENCE THE SUPERVISORY AUDIBLE SIGNAL AND RESTORE THE SYSTEM TO NORMAL.
- H. THE PANEL SHALL AUTOMATICALLY RESET ITSELF.
- I. ANY MOMENTARY OPENING OF AN INITIATING OR INDICATING APPLIANCE CIRCUIT SHALL CAUSE THE AUDIBLE SIGNALS TO SOUND FOR 4 SECONDS TO INDICATE THE TROUBLE CONDITION.
15. SUPERVISION:
- A. THE SYSTEM SHALL CONTAIN CLASS 'B' INDEPENDENTLY SUPERVISED INITIATION CIRCUITS & ANY A FAULT OR SHUNT OUT ZONE SHALL NOT AFFECT ANY OTHER ZONE. THE ALARM ACTIVATION OF ANY INITIATION CIRCUIT SHALL NOT PREVENT THE SUBSEQUENT ALARM OPERATION OF ANY OTHER INITIATION CIRCUIT.
- B. THERE SHALL BE 2 INDEPENDENTLY SUPERVISED AND INDEPENDENTLY FUSED INDICATING APPLIANCE CIRCUITS FOR ALARM HORNS AND FLASHING ALARM LAMPS.
- C. EACH INDEPENDENTLY SUPERVISED CIRCUIT SHALL INCLUDE A DISCRETE AMBER "TROUBLE" LED TO INDICATE DISARRANGEMENT CONDITIONS PER CIRCUIT.
- D. THE INCOMING POWER TO THE SYSTEM SHALL BE SUPERVISED SO THAT ANY POWER FAILURE SHALL BE AUDIBLE AND VISUALLY INDICATED AT THE CONTROL PANEL. A GREEN "POWER ON" LED SHALL BE DISPLAYED CONTINUOUSLY WHILE INCOMING POWER IS PRESENT.
16. POWER REQUIREMENTS:
- A. THE CONTROL PANEL SHALL RECEIVE 120 VAC POWER VIA A DEDICATED CIRCUIT.
- B. THE SYSTEM SHALL BE PROVIDED WITH SUFFICIENT BATTERY CAPACITY TO OPERATE THE ENTIRE SYSTEM UPON LOSS OF NORMAL 120 VAC POWER IN A NORMAL SUPERVISORY MODE FOR A PERIOD OF TWENTY-FOUR (24) HOURS WITH FIVE (5) MINUTES OF ALARM INDICATION AT THE END OF THIS PERIOD. THE SYSTEM SHALL AUTOMATICALLY TRANSFER TO STANDBY BATTERIES UPON POWER FAILURE. ALL BATTERY CHARGING AND RECHARGING OPERATIONS SHALL BE AUTOMATIC. BATTERIES DISCHARGED SHALL RECHARGE AT A RATE TO PROVIDE A MINIMUM OF 10% CAPACITY IN 12 HOURS.
- C. ALL CIRCUITS REQUIRING SYSTEM OPERATING POWER SHALL BE 24 VDC AND SHALL BE INDIVIDUALLY FUSED AT THE CONTROL PANEL.
17. EXECUTION:
- A. PROVIDE AND INSTALL THE SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL WIRING, PLANS AND SPECIFICATIONS, ALL APPLICABLE CODES AND THE SHALL BE IN A CONTRACTOR'S CONTRACT PROPOSAL TO PROVIDE A MINIMUM OF TWO (2) INSPECTIONS AND TESTS PER YEAR IN COMPLIANCE WITH NFPA 72-2015 GUIDELINES.
- B. INSTALLATION OF EQUIPMENT AND DEVICES THAT PERTAIN TO OTHER WORK IN THE CONTRACT SHALL BE CLOSELY COORDINATED WITH THE APPROPRIATE SUBCONTRACTORS.
- C. THE CONTRACTOR SHALL CLEAN ALL DIRT AND DEBRIS FROM THE INSIDE AND THE OUTSIDE OF THE FIRE ALARM EQUIPMENT AFTER COMPLETION OF INSTALLATION.
- D. THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE SHALL PROVIDE ON SITE SUPERVISION OF INSTALLATION. INSTALLER SHALL HAVE A NICET LEVEL III OR HIGHER CERTIFICATION AND A STATE LOW-VOLTAGE UNRESTRICTED LICENSE.
18. TEST:
- A. THE COMPLETED FIRE ALARM SYSTEM SHALL BE FULLY TESTED IN ACCORDANCE WITH NFPA 72-2015 BY THE CONTRACTOR IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE AND THE LOCAL FIRE MARSHAL. UPON IN WRITING TO THE OWNER.
19. WARRANTY:
- A. THE CONTRACTOR SHALL WARRANT THE COMPLETED FIRE ALARM SYSTEM WIRING AND EQUIPMENT TO BE FREE FROM INHERENT MECHANICAL AND ELECTRICAL DEFECTS FOR A PERIOD OF ONE (1) YEARS FROM THE DATE OF THE COMPLETED AND CERTIFIED TEST OR FROM THE DATE OF FIRST BENEFICIAL USE.
- B. THE EQUIPMENT MANUFACTURER SHALL MAKE AVAILABLE TO THE OWNER A MAINTENANCE CONTRACT PROPOSAL TO PROVIDE A MINIMUM OF TWO (2) INSPECTIONS AND TESTS PER YEAR IN COMPLIANCE WITH NFPA 72-2015 GUIDELINES.

ADDITIONAL FIRE ALARM NOTES:

1. CONTRACTOR TO COMPLY WITH BUILDING / LANDLORD CRITERIA, DESIGN CRITERIA, STANDARD PRACTICES AND LOCAL CODE / ORDINANCE REQUIREMENTS WHEN COMMENCING WORK. ANY REQUIREMENTS SHALL SUPERSEDE ANY AND ALL INFORMATION ON THE DRAWINGS UNLESS AGREEMENT TO THE CONTRARY DURING THE BID PROCESS. WHEREAS THE CLIENT WILL BE EXCLUDED FROM INCURRING ANY ADDITIONAL COSTS, THE GENERAL CONTRACTOR SHALL COVER THE EXECUTION AND COMPLETION OF THESE ITEMS ALSO AT NO ADDITIONAL COST TO THE CLIENT. ANY DISCREPANCIES OR INCONSISTENCIES CONCERNING THESE REQUIREMENTS AFTER THE PROJECT IS AWARDED SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OWNER AND TENANT FOR APPROVAL PRIOR TO COMMENCING WORK. ANY UPGRADES TO THE DESIGN / SCOPE OF WORK TO CONFORM TO THE PRECEDING REQUIREMENTS AT THIS JUNCTURE WILL THEN BE AT THE TENANT'S EXPENSE.
2. SINCE CODES VARY ACROSS REGIONS, IT IS THE GENERAL AND SUBCONTRACTORS RESPONSIBILITY TO REVIEW THE CONSTRUCTION DRAWINGS DURING BIDDING AND INCLUDE IN THEIR BID ANY ALTERATIONS AS CODE RELATED RECOMMENDATIONS / DETAILS OR SPECIFICATIONS. IF THERE ARE ANY PROPOSED ALTERATION, EQUIPMENT / INSTALLATION CHANGES THEN THE COSTS FOR THESE CHANGES ARE TO BE EQUAL TO OR GREATER IN VALUE TO THE ITEMS AND QUANTITIES MENTIONED IN THE ORIGINAL CONSTRUCTION DRAWINGS AND THESE CHANGES SHALL BE SUBMITTED TO THE ARCHITECT / ENGINEER FOR REVIEW AND APPROVAL. CONTRACTORS WHO DO NOT ADHERE TO THIS REQUIREMENT WILL BE RESPONSIBLE FOR INCURRING THE ADDED COSTS REQUIRED FOR THE DESIGN TO COMPLY WITH LOCAL CODE.
3. THE CONTRACTOR IN REGARDS TO ANY SAWCUTTING, COREDRILLING OR ANY PENETRATING OF A CONCRETE SLAB, FLOOR AND/OR ROOF, IS REQUIRED TO SURVEY DURING BIDDING TO DETERMINE ANY ISSUES INCLUDING BUT NOT LIMITED TO, NECESSITY OF X-RAYING OF A CONCRETE SLAB WHERE SUCH MATERIAL BEING PENETRATED IS NOT PROTECTED AND/OR ROUTED INTO A SPACE(S) THAT CREATES A NON-CODE COMPLIANT CONDITION, THE NEED FOR WEATHERSTRIPPING, WATERPROOFING OR OTHER CONDITION AND TO NOTIFY THE OWNER IF A PROBLEM(S) MAY EXIST AND TO INCLUDE COSTS TO SOLVE THE ISSUE UNCOVERED. IN ADDITION TO, NOTIFYING THE ARCHITECT OF RECORD REGARDING SUCH ISSUE(S).
4. THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE FIRE ALARM DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.
5. FOR THOSE CLIENTS FOR WHOM THEY REQUEST AND WE HAVE SPECIFIED LED FIXTURES/LAMPS, THE CLIENT IS CLIENT RESPONSIBLE TO ENSURE THAT ONLY COMPATIBLE LAMPS MANUFACTURED FOR THE LED LIGHT FIXTURES IN THIS SPACE ARE INSTALLED AT A LATER DATE AS POSSIBLE REPLACEMENT LAMPS. THE USE OF ANY UNAPPROVED OR NON-CONFORMING LAMPS FOR SUCH FIXTURES IS NOT RECOMMENDED AS IT COULD LEAD TO FIRE HAZARDS OR A LOSS OF WARRANTY.



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DATE: ISSUE:

09.14.22 OWNER REVIEW SET

10.03.22 BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT:

Sunnyside*

LOCATION:

2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.:

220392

DRAWN BY:

MF

SCALE:

AS NOTED

CHECKED BY:

GN

DATE:

07.15.22

THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE
AND DESIGN PC

DRAWING NAME:

FIRE ALARM
GENERAL NOTES

DRAWING NO.:

FAO.1

FIRM REGISTRATION NO.: AX010102

Nicholas J.

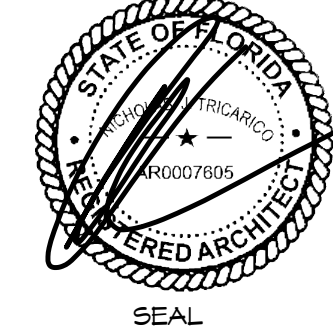
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Date:

2022.10.04

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DATE: AS SHOWN

PROJECT NO: 220392

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROJECT: CRESO LABS

PLOT SCALE: AS NOTED



THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE FIRE ALARM DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.

1 FIRE ALARM PLAN - FOR REFERENCE ONLY
SCALE: 1/4" = 1'-0"

GENERAL NOTE

CONTRACTOR TO COMPLY WITH BUILDING/LANDLORD CRITERIA, DESIGN CRITERIA, STANDARD PRACTICES AND LOCAL CODE/ORDINANCE REQUIREMENTS WHEN COMMENCING WORK. THESE REQUIREMENTS SHALL SUPERSEDE ANY AND ALL INFORMATION ON THE DRAWINGS UNLESS AGREEMENT TO THE CONTRARY DURING THE BID PROCESS WHEREAS THE CLIENT WILL BE EXCLUDED FROM INCURRING ANY ADDITIONAL COSTS. THE GENERAL CONTRACTOR SHALL OVERSEE THE EXECUTION AND COMPLETION OF THESE ITEMS ALSO AT NO ADDITIONAL COST TO THE CLIENT. ANY DISCREPANCIES OR INCONSISTENCIES CONCERNING THESE REQUIREMENTS AFTER THE PROJECT IS AWARDED SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OWNER / LANDLORD FOR APPROVAL PRIOR TO COMMENCING WORK. ANY UPGRADES TO THE DESIGN/SCOPE OF WORK TO CONFORM TO THE PRECEDING REQUIREMENTS AT THIS JUNCTURE WILL THEN BE AT THE LANDLORD'S EXPENSE.

FIRE EXTINGUISHER NOTES

- PROVIDE MULTI-PURPOSE DRY CHEMICAL FIRE EXTINGUISHERS, ABC TYPE, OR THE MINIMUM REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION, MOUNTED IN FULLY-RECESSED CABINETS.
- FINAL CONNECTION FROM ALL DEVICES TO BUILDING FIRE ALARM CONTROL PANEL BY L.L. APPROVED FIRE ALARM CONTRACTOR, INCLUDING WIRE & CONDUIT.
 - UL LISTED EXTINGUISHER, 5 LB CAPACITY, ENAMELED STEEL CYLINDER WITH PRESSURE GAUGE, METAL VALVE AND SIPHON TUBE, REPLACEABLE MOLDED VALVE STEM SEALS PULL PIN-UPRIGHT SQUEEZE GRIP OPERATION.
 - EXTINGUISHER SHALL BE INSTALLED IN FULLY-RECESSED CABINET, OR SURFACE MOUNTED WHERE INDICATED, CABINET AND FRAME SHALL BE OF STEEL CONSTRUCTION, PRIME COATED, SOLID DOOR SHALL HAVE SATIN FINISH, FULL HANDLE, WITH A SELF-ADJUSTING ROLLER CATCH AND A CONTINUOUS PIANO HINGE (STEEL).
 - SIGN ON THE DOOR SHALL BE AS REQUIRED BY LOCAL AUTHORITIES.
- EXTINGUISHER AND CABINET SHALL BE AS MANUFACTURED BY LARSEN, ZURN INDUSTRIES, OR APPROVED EQUAL.

THIS DRAWING IS FOR REFERENCE ONLY.

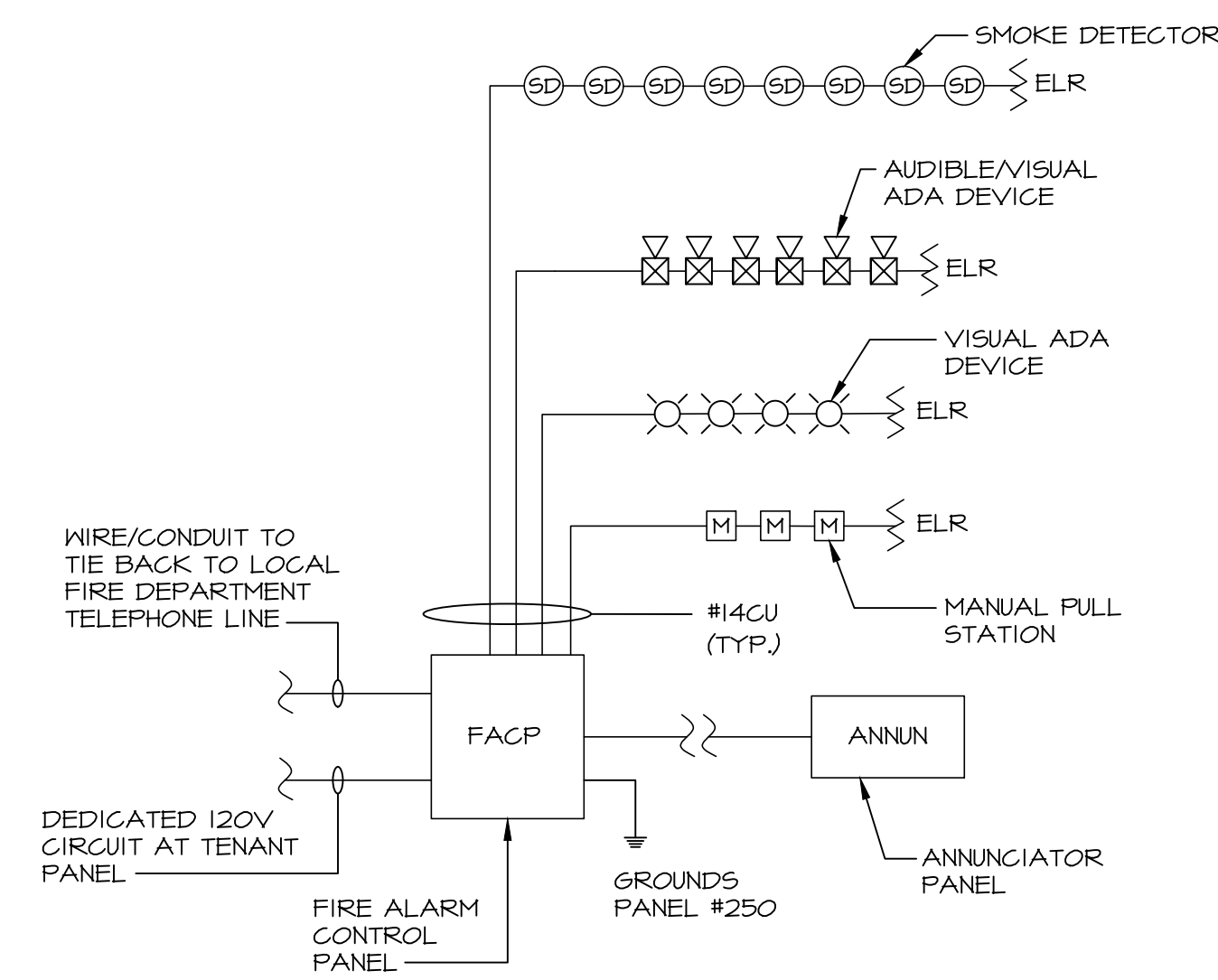
THE ELECTRICAL CONTRACTOR AS PART OF HIS/HER QUOTE TO THE GENERAL CONTRACTOR MUST INCLUDE ALL OF THE CONDUIT, CONNECTORS, BOXES & MISCELLANEOUS PARTS NECESSARY TO TRANSPORT ALL OF THE WIRING THAT IS FURNISHED & INSTALLED BY THE FIRE ALARM CONTRACTOR. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO CALCULATE AND COORDINATE ALL OF THE MATERIALS NECESSARY TO TRANSPORT THESE FIRE ALARM WIRES BASED ON CONVERSATIONS WITH THE FIRE ALARM SUB-CONTRACTOR AND NATIONAL NATIONAL ELECTRIC CODE (NEC) WIRE TO CONDUIT SIZE REQUIREMENTS.

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
	FIRE ALARM PANEL SPEC TO BE MRCOM, SINGLE LOOP INTELLIGENT FIRE ALARM CONTROL PANEL, #FX-3318
	FIRE ALARM MANUAL PULL STATION MOUNTED 46" A.F.F.
	FIRE ALARM AUDIBLE/ VISUAL ALARM SIGNAL. SPEC TO BE SYSTEM SENSOR, L-SERIES, CONFIRM COLOR WITH CLIENT PRIOR TO PURCHASING
	FIRE ALARM VISUAL ONLY ALARM SIGNAL SPEC TO BE SYSTEM SENSOR, L-SERIES, CONFIRM COLOR WITH CLIENT PRIOR TO PURCHASING
	FIRE ALARM SMOKE DETECTOR
	SMOKE DUCT DETECTOR
	SPRINKLER TAMPER SWITCH
	SPRINKLER FLOW SWITCH
	FIRE ALARM ANNUNCIATOR PANEL

G.G. TO USE CLIENT'S PREFERRED VENDOR FOR INSTALLATION:

SKYNET SECURITY
CHICAGO: 9145 INDUSTRIAL DRIVE, UNIT 3, BRIDGEVIEW, IL 60455
MILWAUKEE: 200 SOUTH EXECUTIVE DRIVE, SUITE 101, BROOKFIELD, WI, 53005
OFFICE: (713) 767-5400
MOBILE: (312) 371-4480

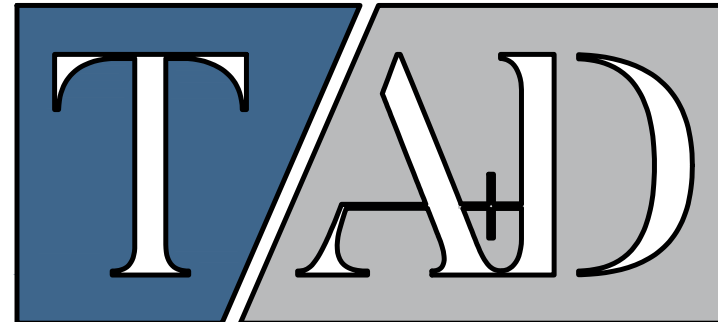


GENERAL CONTRACTOR, UPON BIDDING FIRE ALARM TO COMPLETE, IF ANY AS REQUIRED, A FULL SET OF FIRE ALARM DRAWINGS MEETING CURRENT CODE AND BUILDING REQUIREMENTS.

NOTES:

- THIS DIAGRAM REPRESENTS A TYPICAL SYSTEM AND IS NOT INTENDED FOR INSTALLATION. SYSTEM SUPPLIER SHALL PROVIDE INSTALLATION DRAWINGS AND SCHEMATIC WIRING DIAGRAMS, EXACT SYSTEM REQUIREMENTS SHALL BE COORDINATED WITH THE SYSTEM SUPPLIER. SYSTEM INSTALLER SHALL BE NICET CERTIFIED, IF REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
- SYSTEM SUPPLIER SHALL SUPERVISE INSTALLATION, PROGRAM AND TEST SYSTEM AND INSTRUCT OWNER ON SYSTEM OPERATION.
- ALL CONTROL CABINETS SHALL BE GROUNDED PER PR REQUIREMENTS AND PER SPECIFICATIONS.
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS, REFER TO DRAWINGS FOR DEVICE QUANTITY AND LOCATIONS.
- ANY CHANGES TO THE FIRE ALARM SYSTEM MUST BE MADE BY THE LANDLORD'S CONTRACTOR AT THE LANDLORD'S EXPENSE.
- FIRE ALARM SYSTEM SHALL MATCH EXISTING LANDLORD SYSTEM.

2 FIRE ALARM SCHEMATIC AND NOTES
SCALE: N.T.S.



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DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392 DRAWN BY: RAL

SCALE: AS NOTED CHECKED BY: GN

DATE: 07.15.22 THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF NJT

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ARCHITECT

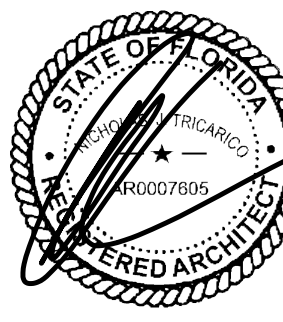
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AND DESIGN PC

DRAWING NAME: FIRE ALARM PLAN AND SCHEMATIC

DRAWING NO.: FA1.1

FIRM REGISTRATION NO.: AX01012

Nicholas J. Tricarico
as J. Tricarico
o
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:49:33 -0400
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