ORANGE COUNTY, FLORIDA

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MEDICAL CLINIC
FIRE ALARM REPLACEMENT

06/17/14

BID DOCUMENTS

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CERT. OF AUTH. No. 5096
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101 S WESTMORELAND DR.
ORLANDO, FLORIDA 32803

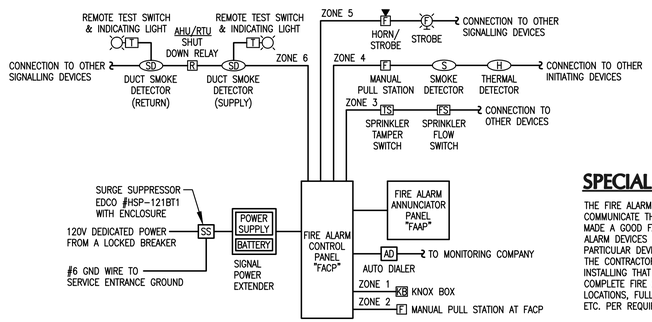
SITE LOCATION

VICINITY MAP
N.T.S.

SHEET NO.	ELECTRICAL SHEET INDEX	SCALE
E-O.B	SCOPE OF WORK, LEGEND, GENERAL NOTES AND RISER DIAGRAM	NONE
E-1.B	1ST FLOOR PLAN - FIRE ALARM	1/8"=1'0"
E-2.B	2ND FLOOR PLAN - FIRE ALARM	1/8"=1'0"

FIRE ALARM SYSTEM SYMBOL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT	MOUNTING
F	MANUAL PULL STATION WITH KEY RESET AND DUAL ACTION OPERATION	48" A.F.F. TO CENTER	WALL
F	FIRE ALARM HORN AND STROBE	MINIMUM 80" A.F.F. TO BOTTOM AND MAXIMUM 96" A.F.F. TO TOP OF ENTIRE LENS	WALL
	STROBE LIGHT	MINIMUM 80" A.F.F. TO BOTTOM AND MAXIMUM 96" A.F.F. TO TOP OF ENTIRE LENS	WALL
S	CEILING MOUNTED SMOKE DETECTOR, PHOTOELECTRIC TYPE	AT CEILING MINIMUM 3' FROM DIFFUSER	CEILING
SD	DUCT SMOKE DETECTOR, PHOTOELECTRIC TYPE, WITH TUBES SIZED AS REQUIRED FOR DUCT	AT CEILING	HVAC DUCT
H	CEILING MOUNTED HEAT DETECTOR, FIXED TEMPERATURE 135 DEG. F WITH (2) FORM "A" CONTACTS	AT CEILING MINIMUM 3' FROM DIFFUSER	CEILING
R	AHU/EXHAUST FAN SHUT-DOWN RELAY, 24VDC	WITHIN 3 FEET OF STARTER	SURFACE
KB	KNOX LOCK BOX WITH UL LISTED TAMPER SWITCHES	----	SURFACE
	DUCT SMOKE DETECTOR REMOTE TEST SWITCH AND INDICATING LIGHT	60" A.F.F. TO CENTER OR MOUNT ON HOUSING IF VISIBLE	WALL
FACP	FIRE ALARM CONTROL PANEL WITH SMOKE DETECTOR MOUNTED ABOVE PANEL PER NFPA	6'-0" A.F.F. TO TOP	WALL
FAAP	FIRE ALARM ANNUNCIATOR PANEL	6'-0" A.F.F. TO TOP	WALL
TS	SPRINKLER WATER TAMPER SUPERVISORY SWITCH	----	----
FS	SPRINKLER WATER FLOW SUPERVISORY SWITCH	----	----
B	SPRINKLER WATER FLOW ALARM BELL	----	----



FIRE ALARM SYSTEM RISER DIAGRAM

NO SCALE

SPECIAL NOTE

THE FIRE ALARM RISER DIAGRAM IS PROVIDED IN ORDER TO COMMUNICATE THE OVERALL PROJECT SCOPE. THE ENGINEER HAS MADE A GOOD FAITH EFFORT TO IDENTIFY AND INCLUDE ALL FIRE ALARM DEVICES INTO THE RISER DIAGRAM. THE OMMISSION OF A PARTICULAR DEVICE FROM THE RISER DIAGRAM DOES NOT ALLEVIATE THE CONTRACTOR FROM THE RESPONSIBILITY OF FURNISHING AND INSTALLING THAT DEVICE. THE CONTRACTOR SHALL PROVIDE A COMPLETE FIRE ALARM SYSTEM SUBMITTAL TO INCLUDE DEVICE LOCATIONS, FULL SYSTEM RISER DIAGRAM, BATTERY CALCULATIONS, ETC. PER REQUIREMENTS OF THE FIRE ALARM CODE.

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND 2008 NATIONAL ELECTRICAL CODE (NEC).
2. REFER TO SPECIFICATIONS FOR BASIS OF DESIGN.
3. LOCATIONS OF ALL DEVICES ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATIONS, HEIGHTS, ETC. WITH OWNER PRIOR TO ROUGH-IN.
4. PROVIDE UL LISTED FIRE STOPPING ON ALL CONDUITS PENETRATING A RATED WALL OR FLOOR.
5. ALL RACEWAYS TO BE CONCEALED UNLESS SPECIFICALLY NOTED OTHERWISE OR APPROVED BY OWNER. SEE SPECIFICATIONS AND GENERAL NOTES FOR ADDITIONAL CLARIFICATIONS.
6. ELECTRICAL CONTRACTOR SHALL INSTALL PULL STRINGS IN ALL EMPTY CONDUITS.
7. ALL RACEWAY TERMINATIONS SHALL HAVE BUSHINGS AND BE GROUNDED WHERE RACEWAY IS METAL.
8. PROVIDE SYSTEM COMPLETE WITH ALL DEVICES, CABLES, RACEWAYS, CONDUITS, ETC.
9. ALL WIRE/CABLE SHALL BE IN A RACEWAY/CONDUIT SYSTEM. INSTALL/SIZE RACEWAY SYSTEM AS REQUIRED TO COMPLY WITH SPECIFICATIONS, THE N.E.C. AND AS RECOMMENDED BY MANUFACTURER.
10. MINIMUM RACEWAY/CONDUIT SIZE TO BE 3/4".
11. ALL BOXES, PLASTER RINGS, EXTENSION RINGS AND BOX COVERS SHALL BE METAL.
12. ALL CONDUITS SHALL BE PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS.
13. ALL BENDS SHALL BE MADE IN CONDUIT USING PROPER EQUIPMENT AND MEET NATIONAL ELECTRICAL CODE (NEC) REQUIREMENTS.
14. ALL DEVICES SHALL BE COMMERCIAL OR SPECIFICATION GRADE.
15. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED.
16. GROUNDING SYSTEM SHALL BE IN ACCORDANCE WITH NEC ARTICLE 250 AND APPLICABLE REQUIREMENTS OF IEEE STANDARDS 142 AND 241.
17. COORDINATE WITH AUTHORITY HAVING JURISDICTION PRIOR TO BID.
18. ALL EQUIPMENT/DEVICES TO BE ADDRESSABLE TYPE.
19. ALL STROBES TO BE MINIMUM OF 75 CANDELA UNLESS OTHERWISE NOTED.
20. VERIFY LOCATIONS OF DUCT SMOKE DETECTORS WITH MECHANICAL REFERENCE DRAWINGS. EACH DETECTOR SHALL BE PROVIDED WITH A REMOTE TEST SWITCH/INDICATOR LIGHT WALL MOUNTED TO BE ACCESSIBLE IN A LOCATION ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION IN ACCORDANCE WITH NFPA 72.
21. MECHANICAL AIR SYSTEM SHUT-DOWN :
    A. COORDINATE SHUT-DOWN OF ALL MECHANICAL AIR SYSTEMS WITH DIVISION 15. ALL MECHANICAL AIR SHUT-DOWNS SHALL BE COORDINATED WITH THE OWNER. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER IN BRINGING THE MECHANICAL SYSTEM BACK ON LINE AND IN CORRECT OPERATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR SHUTTING DOWN THE MECHANICAL AIR SYSTEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR BRINGING THE MECHANICAL AIR SYSTEM BACK ON LINE AND OPERATING CORRECTLY.
    B. PROVIDE ALL WORK AND EQUIPMENT TO SHUT DOWN ALL AIR MOVING EQUIPMENT AS REQUIRED BY APPLICABLE CODES.
    C. VERIFY WITH DIVISION 15 CONTRACTOR LOCATION AND REQUIREMENTS FOR THE INTERFACE TO SHUT DOWN EQUIPMENT UPON FIRE ALARM SIGNAL.
    D. UNITS REQUIRED TO BE SHUT DOWN BY THE STANDARD MECHANICAL CODE AND NOT REQUIRED TO BE SHUT DOWN BY THE FIRE ALARM SYSTEM ARE TO HAVE ALL WORK AND EQUIPMENT PROVIDED AND INSTALLED BY DIVISION 15 CONTRACTOR.
    E. WHERE REQUIRED, INSTALLER SHALL PROVIDE AND INSTALL AN INDIVIDUAL ADDRESSABLE RELAY OR MODULE AT EACH PIECE OF HVAC EQUIPMENT FOR SHUT-DOWN. DAISY-CHAINING MULTIPLE PIECES OF EQUIPMENT TO A COMMON RELAY OR MODULE SHALL NOT BE ACCEPTABLE.
22. COORDINATE WITH OWNER ON REQUIREMENTS FOR MONITORING THE FIRE ALARM SYSTEM AND PROVIDE ALL ELECTRICAL.
23. CONTRACTOR SHALL PROVIDE, INSTALL AND TERMINATE ALL ELECTRICAL AND FIRE ALARM SYSTEM EQUIPMENT; INCLUDING BUT NOT LIMITED TO, RACEWAYS, WIRE/CABLE, CIRCUIT BREAKERS, MODULES, RELAYS (UL LISTED FOR USE WITH FIRE ALARM SYSTEMS), ETC. NECESSARY TO SHUT DOWN OR CONTROL ANY AIR HANDLING UNIT, SUPPLY FAN, SMOKE OR FIRE DAMPER, ETC. REQUIRED TO BE SHUT DOWN OR CONTROLLED BY FIRE ALARM SYSTEM. THIS REQUIREMENT FOR CONNECTION OF THE FIRE ALARM SYSTEM SHALL BE EXTENDED TO INCLUDE ANY APPLICABLE CODE OR STANDARD DIRECTLY OR INDIRECTLY REFERENCED BY THE SPECIFICATIONS THAT REQUIRES INTERFACE WITH THE FIRE ALARM SYSTEM FOR CONTROLS OR MONITORING OF A DEVICE IN ORDER TO PROVIDE A COMPLETE CODE COMPLIANT FIRE ALARM SYSTEM. COORDINATE ALL WORK WITH DIVISION 15 (AND/OR ANY OTHER APPLICABLE DIVISION) PRIOR TO ROUGH-IN.
24. DO NOT MOUNT SMOKE AND/OR HEAT DETECTORS CLOSER THAN 3 FEET TO ANY SUPPLY REGISTER OF THE HVAC SYSTEM.
25. WHEN CEILING MOUNTED, SMOKE AND/OR HEAT DETECTORS SHALL BE MOUNTED NO CLOSER THAN 4 INCHES TO A SIDE WALL; OR WHEN WALL MOUNTED, NO HIGHER THAN 4 INCHES OR LOWER THAN 12 INCHES FROM THE TOP OF THE DETECTOR TO THE CEILING.
26. UNDERGROUND/OVERHEAD WIRING ENTERING OR LEAVING A BUILDING SHALL BE INSTALLED AND PROTECTED IN ACCORDANCE WITH NFPA72-4.4.4.3./4.4.4.4. AND NFPA70-ARTICLE 280. WHEN REQUIRED, SURGE SUPPRESSORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA70-ARTICLE 285.

PROJECT SCOPE OF WORK

1. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE 24 VDC, CLOSED CIRCUIT, FULLY ADDRESSABLE, ELECTRICALLY SUPERVISED ZONE ANNUNCIATED (MINIMUM 25 ZONES) FIRE ALARM SYSTEM TO REPLACE AN EXISTING SYSTEM. THE NEW SYSTEM SHALL INCLUDE BUT NOT BE LIMITED TO ALL CONTROL PANELS, POWER SUPPLIES, SIGNAL INITIATING DEVICES, AUDIBLE AND VISUAL ALARM DEVICES, CONDUIT AND WIRING, AND ALL ACCESSORIES REQUIRED TO PROVIDE A COMPLETE OPERATING SYSTEM.
2. ALL DEVICES, APPLIANCES, PANELS, CONDUIT AND WIRING SHALL BE NEW.
3. ALL CONTROL/POWER EQUIPMENT SHALL HAVE SURGE PROTECTION INSTALLED PER NFPA-72 (LATEST EDITION) AND NEC ARTICLES 280 AND 800 (LATEST EDITION).
4. ALL WIRING ENTERING OR LEAVING A BUILDING SHALL HAVE SURGE PROTECTION INSTALLED PER NFPA-70 (LATEST EDITION).
5. THE EXISTING MAIN FIRE ALARM CONTROL PANEL IS LOCATED IN THE FIRST FLOOR LOBBY. THE CONTRACTOR SHALL BEGIN THE WORK IN THIS SECTION OF THE FACILITY.
6. IT IS THE DESIGN INTENT THAT THE NEW FIRE ALARM SYSTEM SHALL BE CONSTRUCTED WHILE THE EXISTING FIRE ALARM SYSTEM REMAINS FUNCTIONAL AND OPERATIONAL TO SERVE THE FACILITY.
7. THE CONTRACTOR SHALL REVIEW THE CONTRACT DRAWINGS AND SPECIFICATIONS AND VISIT THE JOB SITE TO ASCERTAIN ALL CONDITIONS INCLUDING CONDUIT RUNS, INTERFACING, INTERFERENCES, CONFLICTS, DISCREPANCIES, ETC. AND SHALL REPORT THE SAME TO THE ENGINEER FOR CLARIFICATION. FAILURE TO COMPLY WITH THIS CONDITION SHALL CONSTITUTE AN ACCEPTANCE OF THE CONDITIONS AND ANY NECESSARY CHANGES WILL BE AT THE CONTRACTOR'S EXPENSE. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT SHOW ALL EXISTING CONDITIONS AND/OR EVERY ACCESSORY TO BE REMOVED AND/OR REPLACED. DRAWINGS ARE NOT TO BE SCALED, AND SITE CONDITIONS SHALL GOVERN EXACT LOCATION OF ALL ELECTRICAL EQUIPMENT, DEVICES, WIRING, CONDUIT, ETC.
8. ALL EXISTING DUCT MOUNTED SMOKE DETECTORS AND RELAYS SHALL BE REPLACED AS PART OF THIS PROJECT. INSTALL NEW DEVICES AT NEW LOCATIONS WHERE SHOWN ON THE PLAN.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "FIRE WATCH" AS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH "FIRE WATCH". THERE SHALL BE NO ADDITIONAL COST TO THE OWNER FOR "FIRE WATCH".

FIRE ALARM SYSTEM GENERAL NOTES

(APPLIES TO ALL DRAWINGS)

1. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL AND FIRE ALARM EQUIPMENT INCLUDING CONDUIT, WIRE, RELAYS, ETC. FOR THE OPERATION/CONTROL OF ANY EXISTING SMOKE DAMPERS AND COMBINATION OF SMOKE/FIRE DAMPERS.
2. THE FIRE ALARM SYSTEM SHALL BE ACTIVATED BY THE FOLLOWING METHODS:
    A. ACTIVATION OF ANY AUTOMATIC DEVICE.
    B. ACTIVATION OF A PULL STATION.
3. MAINTAIN EXISTING FIRE ALARM SYSTEM OPERATIONAL. DISABLE EXISTING FIRE ALARM SYSTEM ONLY TO MAKE SWITCH OVERS AND CONNECTIONS. NOTIFY OWNER AND LOCAL FIRE SERVICE AT LEAST 24 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING THE FIRE ALARM SYSTEM. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREAS. MINIMIZE OUTAGE DURATION. BUILDING EGRESS SHALL NOT BE OBSTRUCTED DURING BUILDING OCCUPANCY.
4. WHERE CONDUIT PENETRATES A FIRE RATED WALL, FLOOR, ETC., FIRESTOPPING SHALL BE PROVIDED. MEET ALL REQUIREMENTS FOR UL ASSEMBLY INVOLVED. PROVIDE FIRESTOPPING UL LISTED FOR ASSEMBLY AND/OR CONDUIT INVOLVED.
5. ALL NEW INTERIOR CONDUITS SHALL BE INSTALLED CONCEALED ABOVE CEILINGS AND IN WALLS WHERE PRACTICAL. IF CONDUITS CANNOT BE INSTALLED IN WALLS, PROVIDE SURFACE METAL RACEWAY; WIREMOLD 500 OR 700, AS REQUIRED. NEW CONDUITS INSTALLED IN MECHANICAL ROOMS AND ELECTRICAL ROOMS MAY BE SURFACE MOUNTED.
6. PROVIDE NEW CONDUIT FOR THE ENTIRE FIRE ALARM SYSTEM WHERE REQUIRED.
7. MECHANICAL AIR SYSTEM SHUT-DOWN:
    A. ALL MECHANICAL AIR SHUT-DOWNS SHALL BE COORDINATED WITH THE OWNER. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER IN BRINGING THE MECHANICAL SYSTEM BACK ON LINE AND IN CORRECT OPERATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR SHUTTING DOWN THE MECHANICAL AIR SYSTEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR BRINGING THE MECHANICAL AIR SYSTEM BACK ON LINE AND OPERATING CORRECTLY.
    B. PROVIDE ALL ELECTRICAL AND FIRE ALARM EQUIPMENT REQUIRED TO SHUT-DOWN THE EXISTING AIR MOVING EQUIPMENT PER ALL APPLICABLE CODES.
8. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION DURING CONSTRUCTION. PROVIDE ALL TEMPORARY CONNECTIONS REQUIRED TO MAINTAIN CONTINUITY TO EXISTING SYSTEM CIRCUITS. THE CONTRACTOR SHALL VERIFY EXISTING SYSTEM IS WORKING PROPERLY PRIOR TO SUBMISSION OF BID. SUBMISSION OF A BID SHALL BE CONSTRUED AS EVIDENCE THAT SUCH VERIFICATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED FOR MAINTAINING A COMPLETE AND OPERATING FIRE ALARM SYSTEM DURING CONSTRUCTION SHALL NOT BE RECOGNIZED.
9. THE FIRE ALARM SYSTEM SHALL CLOSE ANY EXISTING GAS SOLENOID VALVES UPON ACTIVATION OF THE FIRE ALARM SYSTEM.
10. IDENTIFY POWER (FACP, FAPS, SMOKE DAMPER, ETC) AS PER NFPA 72 1-5.2.5.
11. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING SPARE DEVICES LISTED AS AN ALLOWANCE TO THE BID. THE DEVICES SHALL INCLUDE A MINIMUM OF 25 FEET OF CONDUIT, WIRE, CABLE AND ALL LABOR TO INSTALL AS MAY BE REQUIRED DURING CONSTRUCTION. ANY DEVICES NOT USED AS ADDITIONAL DEVICES INSTALLED SHALL BE SURRENDERED TO THE OWNER:
    A. SYSTEM SMOKE DETECTORS QTY OF 3
    B. SYSTEM DUCT DETECTORS QTY OF 3
    C. MANUAL PULL STATIONS QTY OF 2
    D. SPEAKER/STROBES QTY OF 5
    E. STROBES QTY OF 3
    F. MONITOR MODULES QTY OF 3
    G. CONTROL/RELAY MODULES QTY OF 6

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ORANGE COUNTY MEDICAL CLINIC FIRE ALARM REPLACEMENT

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Revisions

No.	Date	Description

Key Plan

MPE PROJ#: 2013-010

Designed By: WMC

Drawn By: WMC

Checked By: ABJr

Issue Date: 06/17/14

Drawing Scale: NO SCALE

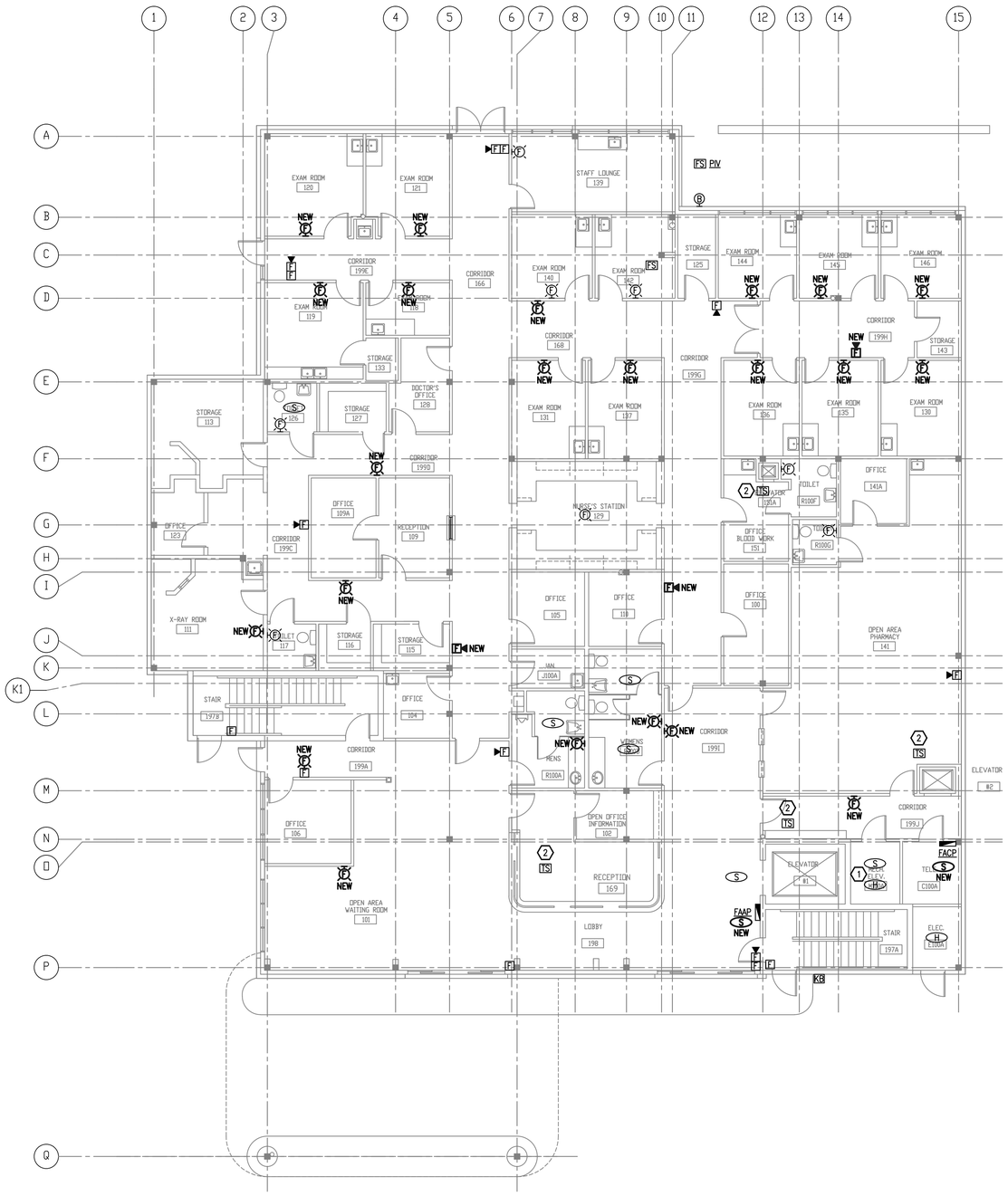
Drawing Title:

SCOPE OF WORK, LEGEND, GENERAL NOTES AND RISER DIAGRAM

BID DOCUMENTS

Drawing No.

E-0.B



GENERAL NOTES

1. REFER TO SHEET E-0.B FOR SCOPE OF WORK, SYMBOL LEGEND AND GENERAL NOTES.
2. STROBE DEVICES SHALL BE SYNCHRONIZED IN AREAS WHERE MORE THAN ONE STROBE IS VISIBLE PER NFPA 72 – 7.5.4.3.2.

KEY NOTES

1. CONTRACTOR SHALL VERIFY AND INSTALL ALL NEW FIRE ALARM DEVICES, WIRING, ETC. ASSOCIATED WITH ELEVATOR OPERATION AS REQUIRED.
2. SPRINKLER SYSTEM TAMPER SWITCH LOCATED ABOVE CEILING.

CONSTRUCTION NOTES

1. ALL FIRE ALARM DEVICES SHOWN ON THIS PLAN ARE EXISTING TO BE REPLACED WITH NEW DEVICES UNLESS OTHERWISE INDICATED. ANY NEW DEVICES TO BE INSTALLED AT NEW LOCATIONS ARE MARKED AS "NEW".
2. MOST OF THE EXISTING WALL MOUNTED DEVICES AT PRESENT LOCATIONS DO NOT MEET CODE REQUIRED MOUNTING HEIGHTS. THE APPROVED METHOD FOR INSTALLING A NEW REPLACEMENT DEVICE IS TO INSTALL IT IMMEDIATELY NEXT TO THE EXISTING DEVICE AND AT THE CODE COMPLIANT ELEVATION. THIS METHOD ALSO ALLOWS FOR THE BEST INSTALLATION OF A NEW SYSTEM WHILE THE EXISTING REMAINS OPERATIONAL. EXISTING RECESSED WALL OUTLET BOXES SHALL HAVE BLANK COVERS INSTALLED AND PAINTED TO MATCH WALL.

FIRST FLOOR PLAN - FIRE ALARM

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

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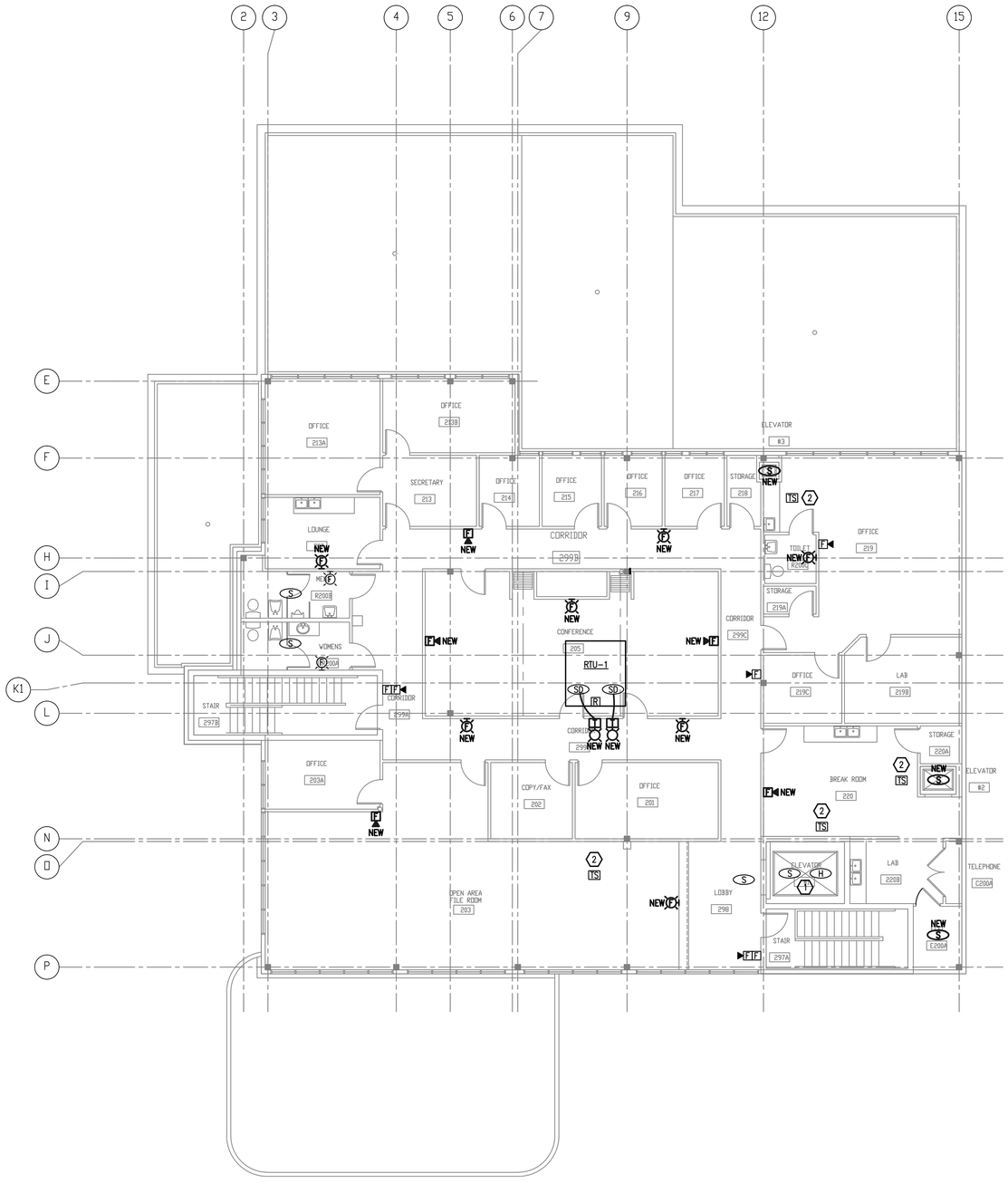
1ST FLOOR PLAN FIRE ALARM

BID DOCUMENTS

Drawing No.

E-1.B



SECOND FLOOR PLAN - FIRE ALARM
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. REFER TO SHEET E-0.B FOR SCOPE OF WORK, SYMBOL LEGEND AND GENERAL NOTES.
2. STROBE DEVICES SHALL BE SYNCHRONIZED IN AREAS WHERE MORE THAN ONE STROBE IS VISIBLE PER NFPA 72 – 7.5.4.3.2.

KEY NOTES

1. CONTRACTOR SHALL VERIFY AND INSTALL ALL NEW FIRE ALARM DEVICES, WIRING, ETC. ASSOCIATED WITH ELEVATOR OPERATION AS REQUIRED.
2. SPRINKLER SYSTEM TAMPER SWITCH LOCATED ABOVE CEILING.

CONSTRUCTION NOTES

1. ALL FIRE ALARM DEVICES SHOWN ON THIS PLAN ARE EXISTING TO BE REPLACED WITH NEW DEVICES UNLESS OTHERWISE INDICATED. ANY NEW DEVICES TO BE INSTALLED AT NEW LOCATIONS ARE MARKED AS "NEW".
2. MOST OF THE EXISTING WALL MOUNTED DEVICES AT PRESENT LOCATIONS DO NOT MEET CODE REQUIRED MOUNTING HEIGHTS. THE APPROVED METHOD FOR INSTALLING A NEW REPLACEMENT DEVICE IS TO INSTALL IT IMMEDIATELY NEXT TO THE EXISTING DEVICE AND AT THE CODE COMPLIANT ELEVATION. THIS METHOD ALSO ALLOWS FOR THE BEST INSTALLATION OF A NEW SYSTEM WHILE THE EXISTING REMAINS OPERATIONAL. EXISTING RECESSED WALL OUTLET BOXES SHALL HAVE BLANK COVERS INSTALLED AND PAINTED TO MATCH WALL.

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2ND FLOOR PLAN FIRE ALARM

BID DOCUMENTS

Drawing No.

E-2.B