

1 FIRE ALARM RISER DIAGRAM - EXISTING
NOT TO SCALE

RISER NOTES:

- 1 EXISTING FIRE ALARM TERMINAL CABINET
- 2 NEW FIRE ALARM DEVICES CONNECTED TO EXISTING FIRE ALARM CONTROL PANEL. CONTRACTOR TO FIELD VERIFY CAPACITY. REFER TO THE FLOOR PLANS FOR EACH NUMBER OF NEW DEVICES REQUIRED.
- 3 EXISTING FIRE ALARM COMMUNICATOR
- 4 RELOCATED DEVICE. EXTEND CONDUIT AND WIRING AS REQUIRED.

FIRE ALARM DEVICE LEGEND:

- 1 MANUAL FIRE ALARM PULL STATION
 - 2 WALL MOUNTED FIRE ALARM VISUAL DEVICE (STROBE) COMPLYING WITH ADA REQUIREMENTS. NUMBER INDICATES CANDELA RATING. MOUNTED AT 8' AFF OR 6' BELOW CEILING WHICHEVER IS LOWER.
 - 3 WALL MOUNTED COMBINATION FIRE ALARM/ADVISORY DEVICE (STROBE) COMPLYING WITH ADA REQUIREMENTS. NUMBER INDICATES CANDELA RATING. MOUNTED AT 8' AFF OR 6' BELOW CEILING WHICHEVER IS LOWER.
 - 4 HEAT DETECTOR
 - 5 SMOKE DETECTOR
 - 6 DUCT SMOKE DETECTOR WITH ELEVATOR REGALL
 - 7 FLOW SWITCH
 - 8 TAMPER SWITCH
- FIRE ALARM DEVICES LEGEND:**
- EX EXISTING TO REMAIN
 - R NEW DEVICE
 - R RELOCATED TO NEW LOCATION

GENERAL NOTES:

- REFER TO DRAWING E-0000 FOR ELECTRICAL DEMOLITION & GENERAL NOTES.
- THE CONTRACTOR SHALL PREPARE FIRE ALARM SYSTEM SHOP DRAWINGS FOR SUBMISSION TO FIRE PROTECTION DIVISION OF DCORADIAN FOR REVIEW AND APPROVAL. TO THE REQUIREMENTS AND SHALL INCLUDE, BUT ARE NOT LIMITED TO EQUIPMENT CUT SHEETS, REQUIREMENTS OF OPERATION, BATTERY LIFE CALCULATION, CIRCUIT CAPACITY CALCULATIONS, WIRING CALCULATIONS, RISER CABLE AND FLOOR PLAN. THE FLOOR PLANS SHALL SHOW WALLS, DOORS, ROOM NAMES AND FIRE ALARM DEVICES OR EQUIPMENT ONLY. NO OTHER DEVICES, FIXTURES OR SYSTEMS SHALL BE SHOWN ON THESE PLANS. THE SHOP DRAWING SHALL BE SIGNED BY A LICENSED FIRE ALARM TECHNICIAN WITH A MINIMUM OF A NICET LEVEL 3 CERTIFICATION.
- CONNECT NEW FIRE ALARM DEVICES TO EXISTING BASE BUILDING FIRE ALARM SYSTEM PER LOCAL CODES AND IN ACCORDANCE WITH BASE BUILDING SPECIFICATIONS. COORDINATE INSTALLATION WITH THE BUILDING ENGINEER. PROVIDE NEW ADA COMPLIANT FIRE ALARM VISUAL (STROBE) DEVICE AS INDICATED ON THE DRAWINGS. PROVIDE AN ALTERNATE PRICE TO PROVIDE BOOSTER PANEL TO EXISTING BUILDING FIRE ALARM SYSTEM TO ACCOMMODATE INSTALLATION OF NEW FIRE ALARM DEVICES AS REQUIRED. NOTIFY OWNER'S REPRESENTATIVE.
- EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. WITH WRITTEN APPROVAL FROM THE AIA AND THE OWNER, EXISTING FIRE ALARM DEVICES IN THE AREA OF CONSTRUCTION MAY BE DISCONNECTED FROM SERVICE DURING CONTRACTOR'S WORKING HOURS. WHEN THE CONTRACTOR IS FINISHED FOR THE DAY, THE FIRE ALARM DEVICES SHALL BE RECONNECTED AND BACK IN OPERATION. FIRE ALARM DEVICES MUST BE COVERED OR OTHERWISE PROTECTED FROM DUST AND DEBRIS DURING CONSTRUCTION.
- FIRE ALARM VISUAL DEVICES WHICH ARE WITHIN THE SAME LINE OF SIGHT SHALL BE SYNCHRONIZED. CONTRACTOR SHALL COORDINATE WITH THE BASE BUILDING FIRE ALARM SYSTEM EQUIPMENT AND SYSTEM MANUFACTURER TO PROVIDE SYNCHRONIZATION. PROVIDE NECESSARY INTERFACE, ACCESSORIES, MODULES, POWER SUPPLY, ETC. AS REQUIRED TO PROVIDE SYNCHRONIZATION.
- CONTRACTOR SHALL PROVIDE A UNIT PRICE TO PROVIDE ADDITIONAL FIRE ALARM DEVICES AS MAY BE REQUIRED BY DCORADIAN FIRE DEPARTMENT INSPECTION AND FOR ANY RELOCATIONS HEREIN REQUESTED, WITHIN SCOPE OF WORK AREAS.
- NEW FIRE ALARM DEVICES SHALL MATCH EXISTING.
- EXISTING FIRE ALARM DEVICES TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING RENOVATION.
- PROVIDE WIRING AND CONDUIT AS REQUIRED FOR ALL NEW FIRE ALARM DEVICES. EXTEND WIRING AND CONDUIT TO RELOCATED FIRE ALARM DEVICES.
- CONTRACTOR SHALL COORDINATE LOCATION OF CEILING MOUNTED FIRE ALARM DEVICES WITH LIGHTING FIXTURES, DOCTORS, SPRINKLER HEAD LAYOUT PRIOR TO INSTALLATION.
- FIRE ALARM INSTALLATION SHALL CONFORM TO NFPA 72 AND ALL APPLICABLE CODES AND REGULATIONS HAVING JURISDICTION AT PROJECT SITE.
- ALL FIRE ALARM WORK SHALL BE PERFORMED BY THE BASE BUILDING FIRE ALARM CONTRACTOR. GENERAL CONTRACTOR SHALL OBTAIN THE SERVICES OF THE BASE BUILDING FIRE ALARM CONTRACTOR.
- PROVIDE ALL MATERIALS AND LABOR FOR THE ENGINEERING DESIGN AND INSTALLATION TO MODIFY THE EXISTING FIRE ALARM SYSTEM SERVING THE SPACE. MAINTAIN EXISTING PROGRAMMING FOR ASSOCIATED BUILDING FUNCTIONS.
- FIRE ALARM SYSTEM DRAWINGS PROVIDED ARE FOR INFORMATION ONLY AND ARE PROVIDED TO CONVEY SYSTEM CONCEPT. THE CONTRACTOR IS RESPONSIBLE FOR FINAL DESIGN AND INSTALLATION OF THE SYSTEM IN ACCORDANCE WITH THE APPLICABLE CODES, STANDARDS AND REQUIREMENTS OF THE AIA. THE DRAWINGS DO NOT INDICATE EVERY DETAIL, EXACT QUANTITIES, TYPES AND LOCATIONS OF THE REQUIRED INITIATING AND NOTIFICATIONS DEVICES.

AMOUNT IN PARENTHESIS ALLOWED

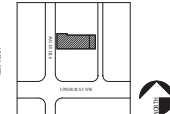


**District of Columbia Courts
Capital Project and Facilities
Management Division**



**Construction Documents for
Interior Improvement to:
Balanced and Restorative Justice
(BARJ) Drop-In Center (Phase 2)**

**District of Columbia Courts
Capital Project and Facilities
Management Division**



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Accepted By:
Capital Project and Facilities Management Officer
Contracting Officer
District of Columbia Courts

TITLE **BARJ 6**
Fire Alarm Riser Diagram Existing

Date: 08/08/2017
Scale: NOT TO SCALE
Created by: BRMP
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