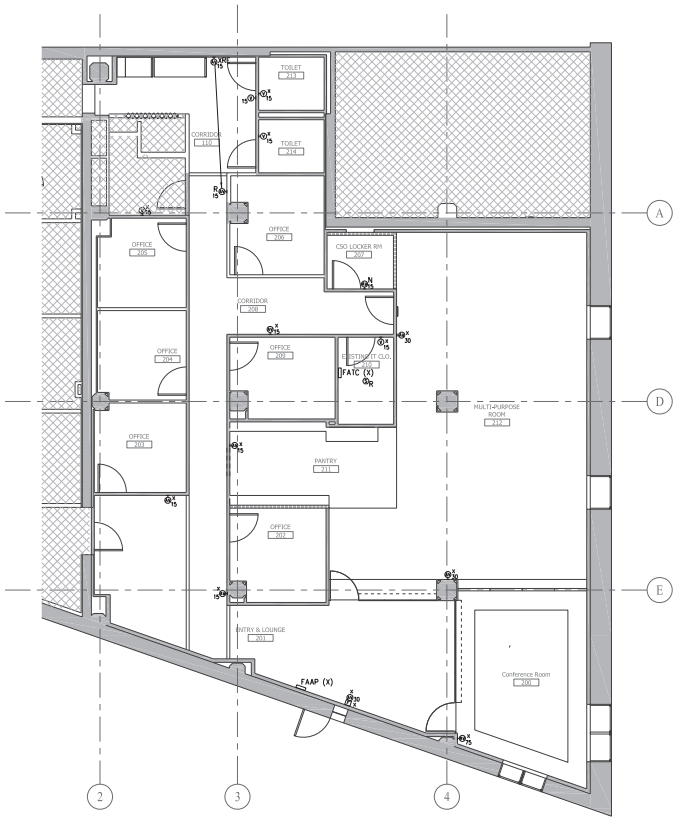
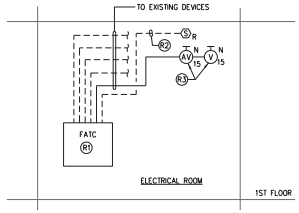


1 Fire Alarm Plan
Scale: 3/16" = 1'-0"



2 Existing Partial Fire Alarm Riser Diagram
Scale: None

RISER NOTES:

R1 EXISTING FIRE ALARM TERMINAL CABINET.

R2 RELOCATED DEVICE. EXTEND WIRING AND CONDUIT AS REQUIRED.

R3 NEW FIRE ALARM DEVICE CONNECTED TO EXISTING FIRE ALARM PANEL. CONTRACTOR TO FIELD VERIFY CIRCUIT CAPACITY.

AUXILIARY SYSTEMS:

F MANUAL FIRE ALARM PULL STATION MOUNTED.

AV 15 WALL MOUNTED FIRE ALARM AUDIO/VISUAL DEVICE COMPLYING WITH ADA REQUIREMENTS. NUMBER INDICATES CANDELA RATING. MOUNTED AT 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.

V 15 WALL MOUNTED FIRE ALARM VISUAL DEVICE COMPLYING WITH ADA REQUIREMENTS. NUMBER INDICATES CANDELA RATING. MOUNTED AT 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.

S SMOKE DETECTOR.

FIRE ALARM DEVICES LEGEND:

X – EXISTING TO REMAIN
XRE – EXISTING TO BE RELOCATED
R – RELOCATED TO NEW LOCATION

GENERAL NOTES:

1. 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.
2. 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 ALTERNATE PRICE TO PROVIDE BOOSTER PANEL TO EXISTING BUILDING FIRE ALARM SYSTEM TO ACCOMMODATE INSTALLATION OF NEW FIRE ALARM STROBE DEVICES AS REQUIRED, NOTIFY OWNER'S REPRESENTATIVE. GENERAL CONTRACTOR SHALL USE THE BASE BUILDING FIRE ALARM CONTRACTOR FOR FINAL TIE-IN TO THE FIRE ALARM PANEL.
3. CONTRACTOR SHALL PROVIDE A UNIT PRICE TO PROVIDE ADDITIONAL FIRE ALARM DEVICES AS MAY BE REQUIRED BY DCRA FIRE DEPARTMENT INSPECTION AND FOR ANY RELOCATIONS HE/SHE REQUESTS, WITHIN SCOPE OF WORK AREAS.
4. PROVIDE FIRE ALARM INTERFACE HARDWARE AND WIRING TO ALL ELECTRICALLY OPERATED DOORS, TO RELEASE DOORS DURING FIRE ALARM.
5. THE CONTRACTOR SHALL PREPARE FIRE ALARM SYSTEM SHOP DRAWINGS FOR SUBMISSION TO FIRE PROTECTION DIVISION OF DCRA/BLRA FOR REVIEW AND APPROVAL TO THE REQUIREMENTS AND SHALL INCLUDE, BUT ARE NOT LIMITED TO EQUIPMENT CUT SHEETS, SEQUENCE OF OPERATION, BATTERY CALCULATION, CIRCUIT CAPACITY CALCULATIONS, WIRING DIAGRAMS, RISER DIAGRAM 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.
6. EXTEND WIRING AND CONDUIT AS REQUIRED FOR ALL RELOCATED FIRE ALARM DEVICES.
7. CONTRACTOR SHALL COORDINATE WITH LIGHTING FIXTURES, DUCTWORK, SPRINKLER HEAD LAYOUT PRIOR TO INSTALLATION.
8. EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION DURING CONSTRUCTION. WITH WRITTEN APPROVAL FROM THE AHJ 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.

0 2' 4' 7 14'
SCALE: 3/16" = 1'-0"

Balanced and Restorative Justice Drop-In Center
B.A.R.J. Drop-In Center • Social Services Division
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Washington, D.C. 20020

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LORING CONSULTING ENGINEERS

ARCHITECT & ENGINEER SEALS & SIGNS

PROJECT
Construction Documents for Interior Improvement to:
Balanced and Restorative Justice Drop-In Center 1 - Phase B
District of Columbia Courts
B.A.R.J. Drop-In Center • Social Services Divison
2041 Martin Luther King Jr. Avenue, SE
Washington, D.C. 20020
Project Title / Client Name / Building Address

KEYPLAN

ISSUED FOR	DATE
Permit Submission	01.12.2015
FINAL REVIEW	01/09/2014

SUBMISSION

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

REVISIONS

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Accepted By:

Joseph E. Sanchez, Jr.
Capital Projects and Facilities Management Officer
Contracting Officer
District of Columbia Courts

TITLE
2041 MLK, Jr. Ave, SE
BARJ Unit
Phase B - Fire Alarm Plan

Date: 12/02/14
Scale: 3/16" = 1'-0"
Checked by: BP/WP
Drawn by: FVD
Planned By: FVD

Contractor to check and verify all dimensions and conditions on the job before commencing any work. Do not scale drawings.

SHEET
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