



State of Utah

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Department of Administrative Services

KIMBERLY K. HOOD
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Division of Facilities Construction and Management

P. JOSHUA HAINES
Director

Addendum No. 1

Date: November 6, 2013

To: Design/Build Teams

From: Mike Ambre - Project Manager

Reference: Fire Alarm Improvements – Matheson Courthouse
Administrative Office of the Courts – Salt Lake City, Utah
DFCM Project No. 13244150

Subject: **Addendum No. 1**

Pages	Addendum Cover Sheet	1 page
	<u>Engineer's Addendum</u>	<u>5 pages</u>
	Total	6 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

1.1 SCHEDULE CHANGES: There are no Project Schedule changes.

1.2 GENERAL ITEMS: See attached Engineer's Addendum dated November 6, 2013.



Date: November 6, 2013

To: Mike Ambre
State of Utah DFCM

From: Greg Jones
Protection Consultants, Inc.

Project: Administrative Office of The Courts - Matheson Courthouse
Fire Alarm/Emergency Communications System Upgrade – DFCM 13244150

Subject: Responses to Questions and Revisions to Drawings for Addendum 1

Based on questions received since issuance of the review set, minor revisions have been made to the drawings for the fire alarm system upgrade. In addition, written questions were received from bidders that require a clear response. Responses to the questions received and a brief description of the revisions made to each drawing sheet are included below. This letter should be issued with Addendum #1 to allow bidding contractors to rapidly identify the revisions to the contract documents.

Question 1: I was in attendance for the Pre-submittal meeting for this project and would like to clarify a question on this. In the RFP it stated that all Contractors and Architects wishing to submit must be in attendance. In this case I only saw one Engineer and the rest of the attendees were either a Contractor or a Fire Alarm System Supplier. My question is if I pursue this project as the General Contractor and use a Fire Alarm Supplier that was not in attendance of the Pre-submittal meeting am I still in compliance with the requirements of the RFP?

Response 1: Yes

Question 2: In review of the plans and specs, there are no fire phones shown. Are there existing fire phones on the existing system? If there are, will they be reused?

Response 2: No fire phones are present or required for this building.

Question 3: In the specifications under 3.02L, work shall be performed Monday through Friday 7:00 am - 5:00 pm. Will after hours work be allowed if arranged in

advance? If after hours work is not allowed, will the courts provide a schedule of areas allowed to work at different times of day?

Response 3: This question is answered in General Note 19 on Sheet FA-0 issued with Addendum #1.

Question 4: For existing devices to be removed and a custom plate to be provided in those areas, what kind of custom plate will be allowed? Stainless steel? A painted plate? Please advise.

Response 4: This question is answered by General Note 5 on Sheet FA-0.

Question 5: On plan note 09 it talks about existing fire smoke dampers to remain and existing smoke detectors to be replaced. Is there a count of the number of smoke detectors associated with smoke dampers because the detectors are not shown on the plans?

Response 5: No smoke detectors are indicated for smoke damper operation on as-built drawings. Further investigation is required. A response will be provided to this question in Stage II.

Question 6: In section 2.7 O.1. 25 VRMS is shown for the new system. Can we provide 70 VRMS or is there a preference for 25 VRMS?

Response 6: Audio circuits may operate on either 25 VRMS or 70 VRMS at the Contractor's Option.

Question 7: If 25 VRMS speaker circuits are used, can we omit the use of conduit? Or can we use flexible type conduit for these circuits?

Response 7: Conduit is required for all circuits regardless of voltage. Flex or MC can be used in certain circumstances as a substitute for conduit. Comply with requirements in paragraph 2.02-A of specification 13851 and General Note 6 on Sheet FA-0.

Question 8: Who makes the call on intelligibility? If the final design comes out and is approved by the Fire Marshal and State of Utah, and devices are required to be added after the walk through, who pays for the new devices?

Response 8: Refer to General Note 10 on Sheet FA-0. Voice intelligibility will be required only in certain portions of the building. Contractor will be responsible to modify schematic design included on bid drawings as required to achieve voice intelligibility. All costs to achieve voice intelligibility requirements are included in the contract and shall be borne by system installer.

Question 9: Will there be a measurement taken after the system is complete or a requirement of intelligibility be given for bid purposes?

Response 9: Refer to General Note 10 on Sheet FA-0.

Sheet FA-0:

1. Revised General Notes 13 to clarify requirements for Fire Watch.
2. Added General Note 19 to clarify work scheduling requirements.

3. Added General Note 20 to clarify background check requirements.

Sheet FA-16:

1. Added sequence of operations matrix.

FIRE ALARM SYSTEM REPLACEMENT ADMINISTRATIVE OFFICE OF THE COURTS MATHESON COURTHOUSE 450 SOUTH STATE STREET SALT LAKE CITY, UT



STATE OF UTAH
DEPARTMENT OF ADMINISTRATIVE SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
4110 State Office Building / SLC, Utah 84114 / (801) 538-3018

DFCM PROJECT NO. 13244150



PROTECTION CONSULTANTS, INC.

1199 SOUTH MAIN STREET, SUITE #101 - CENTERVILLE, UT 84014 - 801.295.6070

CODE ANALYSIS

A. Applicable Codes:	Year
1. International Building Code	2012
2. International Fire Code	2012
3. ADA Accessibility Guidelines	1994
4. National Electrical Code (NFPA 70)	2011
5. International Mechanical Code	2012
6. Utah State Fire Marshal Rule R710-4	2013
7. National Fire Alarm Code (NFPA 72)	2010

B. Building Parameters:	
1. Occupancy Group:	Assembly (A-3)
2. Building Area:	745,000 Sq.Ft.
3. Stories:	SIX
4. Type of Construction:	Type I-A
5. Fire Sprinklers:	YES
6. Occupancy Separations:	Single Occupancy

DRAWING SCHEDULE

SHEET	DRAWING TITLE
FA-0	FIRE ALARM SYSTEM REPLACEMENT - COVER SHEET AND SCHEDULES
FA-1	FIRE ALARM SYSTEM REPLACEMENT - 1ST LEVEL SOUTH
FA-2	FIRE ALARM SYSTEM REPLACEMENT - 1ST LEVEL NORTH
FA-3	FIRE ALARM SYSTEM REPLACEMENT - 2ND LEVEL SOUTH
FA-4	FIRE ALARM SYSTEM REPLACEMENT - 2ND LEVEL NORTH
FA-5	FIRE ALARM SYSTEM REPLACEMENT - 3RD LEVEL SOUTH
FA-6	FIRE ALARM SYSTEM REPLACEMENT - 3RD LEVEL NORTH
FA-7	FIRE ALARM SYSTEM REPLACEMENT - 4TH LEVEL SOUTH
FA-8	FIRE ALARM SYSTEM REPLACEMENT - 4TH LEVEL NORTH
FA-9	FIRE ALARM SYSTEM REPLACEMENT - 5TH LEVEL SOUTH
FA-10	FIRE ALARM SYSTEM REPLACEMENT - 5TH LEVEL NORTH
FA-11	FIRE ALARM SYSTEM REPLACEMENT - 6TH LEVEL
FA-12	FIRE ALARM SYSTEM REPLACEMENT - PARKING LEVEL 1 NORTH
FA-13	FIRE ALARM SYSTEM REPLACEMENT - PARKING LEVEL 1 SOUTH
FA-14	FIRE ALARM SYSTEM REPLACEMENT - PARKING LEVEL 2 NORTH
FA-15	FIRE ALARM SYSTEM REPLACEMENT - PARKING LEVEL 2 SOUTH
FA-16	FIRE ALARM SYSTEM REPLACEMENT - PARKING LEVEL 3

SCHEDULE OF DEFERRED SUBMITTALS

SUB #	DESCRIPTION
1	FIRE ALARM SYSTEM SHOP DRAWINGS
2	FIRE ALARM SYSTEM EQUIPMENT CUT SHEETS
3	FIRE ALARM SYSTEM BATTERY CALCULATIONS

SCHEDULE OF REQUIRED TESTS/INSPECTIONS

NUMBER	DESCRIPTION
1	CONDUIT/WIRING/ELECTRICAL - DFCM
2	FIRE ALARM BATTERY TESTS - USFM/DFCM
3	FIRE ALARM FUNCTIONAL TEST - USFM/DFCM
4	FIRE ALARM CIRCUIT INTEGRITY TESTS - USFM/DFCM
5	FIRE ALARM REMOTE STATION TRANSMISSION TESTS - USFM/DFCM

FIRE ALARM SYSTEM GENERAL NOTES

- SCOPE OF WORK: WORK SHALL INCLUDE REPLACEMENT OF EXISTING FIRE/EMERGENCY VOICE ALARM SYSTEM WITH A NEW SYSTEM. EXISTING FIRE ALARM NOTIFICATION APPLIANCES SHALL BE REPLACED WITH NEW SPEAKER/STROBES AND SPACING OF NOTIFICATION APPLIANCES SHALL BE UPGRADED WHERE REQUIRED CONFORM WITH CURRENT IBC, NFPA 72 ADA REQUIREMENTS. EXISTING CONDUIT, J-BOXES AND WIRING MAY BE RECONFIGURED AND REUSED WHERE COMPATIBLE WITH NEW EQUIPMENT/CIRCUITS. INSTALL NEW CIRCUITS WHERE REQUIRED TO PROVIDE COMPLETE AND FUNCTIONAL FIRE ALARM/EMERGENCY VOICE ALARM SYSTEM. FIRE ALARM SYSTEMS SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF THE IBC, IFC, NFPA 72, UTAH STATE FIRE MARSHAL'S OFFICE, EQUIPMENT MANUFACTURER, THESE DRAWINGS AND THE PROJECT SPECIFICATIONS.
- APPLICABLE CODES/STANDARDS:
INTERNATIONAL BUILDING CODE - 2012 EDITION
INTERNATIONAL FIRE CODE - 2012 EDITION
UTAH STATE FIRE MARSHAL RULE R710-4
NFPA 70 - 2011 EDITION
NFPA 72 - 2010 EDITION
NFPA 80 - 2010 EDITION
NFPA 90A - 2010 EDITION
ASME A17.1 - 2007
UTAH STATE DFCM STANDARDS
- QUALITY ASSURANCE: ALL EQUIPMENT, MATERIAL AND DEVICES USED FOR THE FIRE/EMERGENCY VOICE ALARM SYSTEMS INSTALLATION SHALL BE UL LISTED AND/OR FM APPROVED FOR USE IN FIRE PROTECTION SYSTEMS. ALL INITIATING DEVICES SHALL BE LISTED COMPATIBLE WITH THE FIRE ALARM CONTROL EQUIPMENT USED. MAJOR SYSTEM COMPONENTS (CONTROL PANELS, INITIATING DEVICES, ADDRESSABLE MODULES AND RELAYS, ETC.) SHALL BE FROM A SINGLE MANUFACTURER.
- SUBMITTALS: FIRE ALARM SYSTEM CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS TO UTAH STATE FIRE MARSHAL'S OFFICE, OWNER AND ENGINEER FOR REVIEW/ APPROVAL PRIOR TO ORDERING OR INSTALLING ANY EQUIPMENT. SUBMITTALS SHALL CONFORM TO THE CONSTRUCTION DOCUMENTS REQUIREMENTS OF IFC 907.1.1. SHOP DRAWINGS SHALL BE BASED ON THESE (ENGINEER'S) DRAWINGS. EACH SET OF DRAWINGS REQUIRED TO HAVE THE PROJECT NAME, DFCM NUMBER, PROJECT ADDRESS, CONFORMANCE LETTER OR STAMP FROM THE DESIGNER AND A 3"x3" SPACE FOR THE APPROVAL STAMP ON THE FRONT PAGE. EACH DEFERRED SUBMITTAL SHALL BE ENTERED INTO THE EDMS SYSTEM.
- DEMOLITION: IT IS THE INSTALLER'S RESPONSIBILITY FOR THE DEMOLITION OR PARTIAL DEMOLITION OF EACH EXISTING FIRE ALARM SYSTEM EXISTING DEVICES AND CONDUIT NOT BEING REPLACED AND REUSED THAT ARE VISIBLE, SUCH AS CABINETS NOTIFICATION APPLIANCES OR SMOKE DETECTORS SHALL BE REMOVED AND REMAINING WALL OR CEILING SURFACE REPAIRED OR REPLACED TO MATCH SURROUNDING AREAS (UNLESS OTHERWISE NOTED). COVER PLATES MAY BE USED TO COVER UNUSED J-BOX BUT THEY SHALL BE LARGE ENOUGH TO ENTIRELY COVER J-BOX AND SHALL BE PAINTED TO MATCH THE COLOR OF THE WALL. REMOVE ALL UNUSED WIRE IN ALL REMAINING J-BOXES AND/OR CONDUITS. ANY CEILING TILE DAMAGED BY THE INSTALLER MUST BE REPLACED WITH THE SAME OR EQUIVALENT TILE.
- WIRING/CONDUIT: EXISTING WIRING MAY BE REUSED WHERE FREE OF SHORTS OR GROUNDS AND COMPATIBLE WITH NEW CONTROL EQUIPMENT. NEW WIRING, WHERE REQUIRED, SHALL BE FREE OF SHORTS, SHORTS AND GROUNDS. ALL NEW WIRING SHALL BE INSTALLED IN METAL CLAD (WHEN RUN CONCEALED), RIGID CONDUIT OR EMT. FLEXIBLE CONDUIT MAY BE USED FOR DROPS TO SINGLE DEVICES (MAXIMUM 6'). MINIMUM CONDUIT SIZE SHALL BE 3/4" CONDUIT MAY BE RUN EXPOSED IN UNFINISHED AREAS, BUT SHALL BE INSTALLED CONCEALED ABOVE CEILINGS OR INSIDE WALLS IN FINISHED AREAS. EXPOSED CONDUIT SHALL BE PAINTED RED. ALL PENETRATIONS THROUGH RATED PARTITIONS SHALL BE STOPPED WITH A SINGLE WALKING COMPOUND. ALL WIRING USED IN THE FIRE ALARM SYSTEM SHALL BE FPL (FIRE POWER LIMITED) WITH MINIMUM 300V INSULATION OR EQUIVALENT AS PER NFPA 70 ARTICLE 760.
- CIRCUIT CLASSIFICATION (PER NFPA 72): INITIATING DEVICE, NOTIFICATION APPLIANCE AND DATA CIRCUITS SHALL MEET THE REQUIREMENTS FOR CLASS A CIRCUITS. OUTGOING AND RETURN CONDUCTORS TO A SINGLE DEVICE SHALL BE RUN IN SEPARATE RACEWAY WHERE COMMON PATH EXCEEDS A DISTANCE OF 10'.
- POWER: EXISTING 120VAC POWER CIRCUITS TO FIRE ALARM CONTROL EQUIPMENT MAY BE REUSED TO POWER NEW EQUIPMENT WHERE PRESENT, WHERE EXISTING 120VAC POWER CIRCUITS ARE NOT PRESENT INSTALL NEW CIRCUITS PER NFPA 70 FROM NEARBY POWER DISTRIBUTION PANELS. FURNISH A BATTERY BACKUP TO PROVIDE SECONDARY POWER SUPPLY TO EACH FIRE ALARM CONTROL PANEL AND POWER SUPPLY. BATTERY BACKUP SHALL BE OF SUFFICIENT CAPACITY TO PROVIDE 24 HOURS OF STANDBY POWER WITH AN ADDITIONAL RESERVE TO OPERATE THE SYSTEM FOR 15 MINUTES IN FULL ALARM.
- INITIATING DEVICES:
SMOKE DETECTORS: INSTALL SMOKE DETECTORS ON CEILING/DECK OF ALL CORRIDORS AND LOBBIES AS WELL AS ALL AREAS OPEN TO CORRIDORS/LOBBIES. INSTALL ADDITIONAL DETECTORS ABOVE ALL FIRE ALARM SYSTEM CONTROL EQUIPMENT. DETECTORS SHALL BE LOCATED IN CONFORMANCE WITH NFPA 72 WITH A MAXIMUM SPACING OF 30' BETWEEN DETECTORS.
HEAT DETECTORS: INSTALL HEAT DETECTORS ON CEILING/DECK OF ELEVATOR EQUIPMENT AREAS, ELEVATOR SHAFTS AND OTHER AREAS AS INDICATED ON PLANS. HEAT DETECTORS SHALL BE FIXED TEMPERATURE TYPE (135 DEG F). DETECTORS SHALL BE LOCATED IN CONFORMANCE WITH NFPA 72 WITH A MAXIMUM SPACING OF 50' BETWEEN DETECTORS.
DUCT SMOKE DETECTORS: INSTALL DUCT SMOKE DETECTORS WHERE INDICATED ON PLANS AND IN RETURN DUCTS OF ALL AIR MOVEMENT SYSTEMS WITH A CAPACITY IN EXCESS OF 2,000 CFM. REQUIRED NUMBER AND LOCATION OF DUCT SMOKE DETECTORS SHALL CONFORM TO IMC (2012) AND MANUFACTURER'S REQUIREMENTS. DUCT SMOKE DETECTORS ARE NOT REQUIRED WHERE ENTIRE AREA SERVED BY AIR MOVEMENT SYSTEM IS PROTECTED BY AREA SMOKE DETECTION SYSTEMS.
PROJECTED BEAM SMOKE DETECTORS: INSTALL PROJECTED BEAM TYPE SMOKE DETECTORS WHERE INDICATED ON PLANS. INSTALL IN ACCORDANCE WITH NFPA 72 AND MANUFACTURER'S REQUIREMENTS. DETECTORS SHALL BE SINGLE END POWER/CONTROLS CONTAINED AT ONE END WITH A REFLECTOR UNIT ONLY ON THE OPPOSITE END. BEAM DETECTORS SHALL INCLUDE AN INTEGRATED TESTING SYSTEM UTILIZING OPAQUE SCREENS/FILTERS. TEST/RESET SWITCHES SHALL BE PROVIDED FOR EACH DETECTOR AND SHALL BE KEY OPERATED OR LOCATED WITHIN A SECURE ROOM.
MONITOR MODULES: INSTALL MONITOR MODULES TO FACILITATE CONNECTION OF EXISTING CONVENTIONAL INITIATING DEVICES (WATER FLOW, VALVE SUPERVISION, FIRE SUPPRESSION SYSTEMS, ETC.) THAT REMAIN TO NEW FIRE ALARM SYSTEM. PROVIDE A SEPARATE MONITOR MODULE FOR EACH WATER FLOW SWITCH. A SINGLE MONITOR MODULE MAY BE USED FOR MULTIPLE VALVE SUPERVISORY SWITCHES WHERE EACH OF THE VALVES CONNECTED TO THE MODULE SERVES THE SAME PURPOSE/ZONE.
- NOTIFICATION APPLIANCES: PROVIDE AUDIBLE (VOICE) AND VISUAL NOTIFICATION APPLIANCES THROUGHOUT BUILDING WHERE INDICATED ON PLANS. NOTIFICATION APPLIANCES SHALL BE SPEAKER/STROBE TYPE DEVICES WITH ADJUSTABLE LIGHT INTENSITY (1504-1100cd) AND VOLUME SETTINGS (1/4W - 2W). VOLUME OF SPEAKERS SHALL BE SUFFICIENT TO PROVIDE A SOUND LEVEL (ALERT TONE) OF 15 DB ABOVE AMBIENT AND SUFFICIENT TO PRODUCE VOICE INTELLIGIBILITY (AVERAGE STI OF 0.50) IN ALL OCCUPIED AREAS. VOICE INTELLIGIBILITY IS NOT REQUIRED IN MECHANICAL SPACES, ATRIUM OR PRIVATE OFFICES. VISUAL ALARMS SHALL BE PROVIDED THROUGHOUT ALL PUBLIC BUILDING INCLUDING AREAS WITH POSSIBLE OCCUPANCY BY HEARING IMPAIRED PERSONS. STROBES SHALL FLASH IN SYNCHRONIZATION. NOTIFICATION APPLIANCES MAY BE WALL OR CEILING MOUNT. LOCATE WALL MOUNT DEVICES BETWEEN 80" AND 98" ABOVE FLOOR OR EXISTING J-BOXES AS REQUIRED. LOCATE NEW CEILING MOUNT DEVICES ON EXISTING CEILINGS.
- NOTIFICATION APPLIANCE ZONING: PROVIDE A SEPARATE ZONE OF NOTIFICATION APPLIANCES FOR EACH FLOOR LEVEL OF EACH BUILDING. CONFIGURE VOICE ALARM CONTROL EQUIPMENT TO ALLOW MANUAL PAGING TO THREE SEPARATE ZONES (SOUTH, WEST AND NORTH) ON EACH FLOOR LEVEL OF BUILDING SEPARATE AS TO THE ENTIRE BUILDING. AUTOMATIC VOICE ALARM MESSAGES SHALL BE TRANSMITTED THROUGHOUT THE ENTIRE BUILDING WHERE FIRE ALARM INITIATING DEVICES HAVE ACTIVATED.
- PROTECTED PREMISE FIRE SAFETY FUNCTIONS: INSTALL PROGRAMMABLE OUTPUT MODULES WITH RELAY CONTACTS TO INITIATE REQUIRED FIRE SAFETY FUNCTIONS (FAN SHUTDOWN, ELEVATOR RELEASE, ELEVATOR RECALL, SMOKE CONTROL SYSTEM ACTIVATION, ETC.). OUTPUT MODULES SHALL BE INSTALLED WITHIN 30' OF DEVICE OR CIRCUIT CONTROLLED BY EXISTING PROTECTED PREMISE FIRE SAFETY FUNCTIONS CONTROLLED BY EXISTING FIRE ALARM SYSTEMS SHALL BE MIGRATED TO NEW SYSTEMS AND TESTED TO VERIFY PROPER FUNCTION.
- PHASING: PLAN SEQUENCE OF WORK TO MINIMIZE DOWN TIME OF EXISTING FIRE ALARM SYSTEM. IT IS THE INSTALLER'S RESPONSIBILITY TO NOTIFY PROPER AUTHORITIES AND PROVIDE AND PAY FOR A FIRE WATCH DURING INTERRUPT OF FIRE ALARM SERVICE IN BUILDING FOR 4 HOURS OR MORE. FIRE WATCH SHALL INCLUDE THE SOLE ASSIGNMENT OF A PERSON OR PERSONS TO AN AREA (NOT LARGER THAN ONE FLOOR PER PERSON) FOR THE EXPRESS PURPOSE OF NOTIFYING THE FIRE DEPARTMENT, THE BUILDING DEPARTMENT, OR BOTH OF AN EMERGENCY; PREVENTING A FIRE FROM OCCURRING; EXTINGUISHING SMALL FIRES; OR PROTECTING THE PUBLIC FROM FIRE OR LIFE SAFETY DANGERS. WORK IN ONLY ONE AREA OF THE BUILDING AT A TIME. COMPLETE ALL FIRE ALARM SYSTEM WORK IN ONE AREA BEFORE BEGINNING WORK IN THE NEXT AREA. ALL WORK SHALL BE SCHEDULED IN ADVANCE WITH THE BUILDING COORDINATOR.
- TESTING: SCHEDULE AND PERFORM ACCEPTANCE TESTS REQUIRED BY NFPA 72. TESTING SHALL BE WITNESSED BY STATE FIRE MARSHAL'S OFFICE, PROJECT ENGINEER, DFCM AND BUILDING MAINTENANCE PERSONNEL. SUBMIT A WRITTEN TESTING PLAN DETAILING EACH TEST TO BE PERFORMED TO EACH AGENCY AT LEAST TWO DAYS PRIOR TO SCHEDULED TEST. ALL INSPECTIONS AND TESTS MUST BE COMPLETED AND WRITTEN APPROVAL PROVIDED BY CODE INSPECTOR AND FIRE MARSHAL INSPECTOR PRIOR TO FINAL ACCEPTANCE.
- PROTECTED PREMISE FIRE SAFETY FUNCTIONS: INSTALL PROGRAMMABLE OUTPUT MODULES WITH RELAY CONTACTS TO INITIATE REQUIRED FIRE SAFETY FUNCTIONS (FAN SHUTDOWN, ELEVATOR CONTROL, FIRE DOOR RELEASE, ETC.). OUTPUT MODULES SHALL BE INSTALLED WITHIN 30' OF DEVICE OR CIRCUIT CONTROLLED BY EXISTING PROTECTED PREMISE FIRE SAFETY FUNCTIONS CONTROLLED BY EXISTING FIRE ALARM SYSTEM SHALL BE MIGRATED TO NEW SYSTEM AND TESTED TO VERIFY PROPER FUNCTION.
- MAJOR SYSTEM COMPONENTS (CONTROL EQUIPMENT, POWER SUPPLIES, AMPLIFIERS, ETC.) FOR THE FIRE ALARM/EMERGENCY VOICE ALARM SYSTEM SHALL BE FROM A SINGLE MANUFACTURER TO ENSURE NETWORK INTEROPERABILITY. ALL PRODUCTS SHALL BE PURCHASED, INSTALLED, PROGRAMMED AND TESTED BY A FACTORY AUTHORIZED/TRAINED REPRESENTATIVE OF THE EQUIPMENT MANUFACTURER. FIRE ALARM EQUIPMENT INSTALLER SHALL HAVE A LOCAL OFFICE LOCATED WITHIN 75 MILES OF THE PROJECT LOCATION AND SHALL BE CAPABLE OF PROVIDING EMERGENCY SERVICE (INCLUDING PARTS/REPAIRS) WITHIN 24 HOURS OF NOTIFICATION BY CUSTOMER.
- SYSTEM TYPE: FIRE ALARM SYSTEM SHALL MEET THE REQUIREMENTS FOR PROTECTED PREMISE FIRE ALARM SYSTEMS. SYSTEM SHALL PROVIDE OFF-PREMISE NOTIFICATION OF STATUS TO CENTRAL STATION DETERMINED BY OWNER. PROVIDE DIGITAL ALARM COMMUNICATOR/TRANSMITTER (EXISTING MAY BE RE-USED) TO RELAY FIRE ALARM SIGNALS TO CENTRAL STATION.
- IT IS THE INTENT OF THE DESIGN CONTAINED WITHIN THESE DOCUMENTS TO COMPLY WITH ALL REQUIREMENTS OF ALL STATE OF UTAH DFCM STANDARDS.
- SCHEDULING: BUILDING WILL BE OCCUPIED AND REMAIN IN OPERATION THROUGHOUT THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT. NORMAL WORK HOURS ARE MONDAY THRU FRIDAY, 7AM TO 5PM. BUILDING IS PROVIDED WITH 24 HOUR SECURITY SO NIGHT WORK WILL BE PERMITTED ON AN AS-NEEDED BASIS, TO BE COORDINATED WITH THE DFCM. WORK WILL BE PERMITTED IN ONLY ONE PORTION OF THE BUILDING AT A TIME. CONTRACTOR SHALL PREPARE AND SUBMIT A COMPLETE SCHEDULE FOR WORK TO BE PERFORMED. CONTRACTOR SHALL PROVIDE 7 DAYS ADVANCE NOTICE TO BUILDING COORDINATOR BEFORE BEGINNING WORK IN ANY AREA.
- ALL LABORERS SHALL PASS A CRIMINAL BACKGROUND CHECK PAID FOR BY THE CONTRACTOR. BACKGROUND CHECKS WILL BE FROM THE STATE OF UTAH, BUREAU OF CRIMINAL INVESTIGATION LOCATED AT 3888 WEST 5400 SOUTH, SALT LAKE CITY, UT 84129.



ENGINEER'S STAMP

DFCM REVIEW STAMP

USFM REVIEW STAMP

REVISIONS:

ADDENDUM #1
11/6/2013

DRAWING DATE: 11/8/13

REVISION DATE: XX/XX/XX

JOB NUMBER: 104968

DWG ISSUE: REVIEW

DRAWN BY: BBH

CHECKED BY: GTJ

ADMINISTRATIVE OFFICE OF THE COURTS
MATHESON COURTHOUSE
450 SOUTH STATE STREET
SALT LAKE CITY, UTAH

FIRE ALARM SYSTEM REPLACEMENT
DFCM PROJECT #13244150

COVER SHEET AND SCHEDULES

FA-0

