<b></b>						
FIRE ALARM SIGNALING AUDIBILITY AND INTELLIGIBILITY						
ADS #	ROOMS OR AREAS	INTELLIGIBILITY REQUIRED?	DESIGN AMBIENT SOUND PRESSURE LEVEL (dB)	MINIMUM WATT TAP (WATTS)	NOTES	
1	INDIVIDUAL OFFICES	NO	35	1/2 W	-	
2	CONFERENCE ROOMS	YES	55	1/4 W	-	
3	LOUNGE AREAS	YES	55	1/4 W	-	
4	CORRIDORS, LOBBIES AND VESTIBULES	YES	55	1/4 W	-	
5	BATHROOMS	NO	55	1/4 W	-	
8	STORAGE AND TRASH CLOSETS	NO	30	1/4 W	-	
10	ELECTRICAL (NO TRANSFORMATION), JANITOR, STORAGE AND TRASH CLOSETS	NO	30	1/4 W	-	
11	ELECTRICAL (W/ TRANSFORMATION), TELLE/DATA, AND ELEVATOR EQUIPMENT ROOMS	NO	75	1 W	-	
NOTES:						
1. VOICE INTELLIGIBILITY FOR ACOUSTICALLY DISTINGUISHABLE SPACES (ADS) SHALL MEET THE REQUIREMENTS OF NFPA 72, ANNEX D.						

## MODIFICATIONS TO EXISTING SYSTEM

- PREPARE, IN NARRATIVE AND DRAWING FORMAT AS DIRECTED BY T AUTHORITY OF HAVING JURISDICTION, A FORMAL IMPAIRMENT PLAN.
- COORDINATE IMPAIRMENT PLAN WITH GENERAL CONTRACTOR FOR INCORPORATION INTO THE NFPA 241 FIRE SAFETY PROGRAM PREPAR
- BY THE GENERAL CONTRACTOR. IMPAIRMENT PLAN SHALL IDENTIFY THE BUILDING OCCUPANCY (OR
- VACANCY) DURING CONSTRUCTION AND NATURE OF THE SYSTEM IMPAIRMENT.
- IMPAIRMENT PLAN SHALL IDENTIFY MAXIMUM IMPAIRMENT DURATION PERMITTED BY THE AUTHORITY HAVING JURISDICTION BEFORE ALTER PROTECTION OR FIRE WATCHES ARE NECESSARY.
- IMPAIRMENT PLAN SHALL IDENTIFY THE DURATION AND TIMING OF FI ALARM SYSTEM SHUTDOWNS AND RESULTANT REQUIREMENT FOR TEMPORARY PROTECTION MEASURES OR FIRE WATCHES, IF ANY.
- IMPAIRMENT PLAN SHALL IDENTIFY THE NECESSARY PROVISIONS FO TEMPORARY CIRCUIT CONNECTIONS TO EXISTING FIRE ALARM DEVIC
- AND APPLIANCES TO REMAIN IN SERVICE. IMPAIRMENT PLAN SHALL IDENTIFY ADDITIONAL PROTECTION FEATUR INCLUDING FIRE WATCHES AS REQUIRED BY THE AUTHORITY HAVING
- JURISDICTION. FIRE ALARM OUTSIDE OF RENOVATION WORK AREA. INITIATING DEVIC AND NOTIFICATION APPLIANCES IN AREAS ADJACENT TO THE RENOV WORK AREA MUST REMAIN IN SERVICE THROUGHOUT THE DURATION CONSTRUCTION. PROVIDE TEMPORARY CIRCUIT CONNECTIONS AS
- NECESSARY TO MAINTAIN SERVICE UNTIL NEW CIRCUITS ARE COMPL STROBE SYNCHRONIZATION ALLOWANCE. THE FLASH PATTERN OF EXISTING STROBE NOTIFICATION APPLIANCES ADJACENT TO THE RENOVATION WORK AREA BUT OPEN TO VIEW OF NEW STROBE NOTIFICATION APPLIANCES WITHIN THE RENOVATION WORK AREA SH BE SYNCHRONIZED. INCLUDE A COST ALLOWANCE FOR THE REPLACE OF EXISTING NOTIFICATION APPLIANCES, NEW POWER SUPPLIES, SYN MODULES, AND OTHER NECESSARY MODULES REQUIRED FOR SYNCHRONIZATION WHERE THE EXISTING FIRE ALARM SYSTEM IS DETERMINED IN THE FIELD TO NOT BE CAPABLE OF SYNCHRONIZATIC
- FIRE ALARM PULL BOXES WITHIN RENOVATION WORK AREA. MAINTAI MANUAL PULL BOXES AT EXITS WITHIN AREA OF RENOVATION. REPLA PULL BOXES WITH NEW AT THE CONCLUSION OF CONSTRUCTION.

- FIRE ALARM NOTIFICATION APPLIANCES WITHIN RENOVATION WORK MAINTAIN NOMINAL AUDIBLE AND VISIBLE SIGNALING WITHIN THE RENOVATION WORK AREA. AT A MINIMUM, LOCATE COMBINATION AU VISIBLE NOTIFICATION APPLIANCES AT EACH EXIT FROM THE WORK A
- SMOKE AND HEAT DETECTORS WITHIN RENOVATION WORK AREA. PROTECT EXISTING DETECTORS TO REMAIN FROM DUST AND DEBRIS THROUGHOUT THE DURATION OF CONSTRUCTION. REPLACE DETECT WITH NEW AT THE CONCLUSION OF CONSTRUCTION.
- FIRE ALARM INTERFACE MODULES WITHIN RENOVATION WORK AREA. MAINTAIN THE OPERATION OF EXISTING INPUT AND OUTPUT INTERFA MODULES TO EXISTING EQUIPMENT THROUGHOUT THE DURATION OF CONSTRUCTION.
- PROTECTION. PROTECT EXISTING FIRE ALARM DEVICES, APPLIANCES EQUIPMENT FROM DUST, DEBRIS, PAINT, SPRAY-ON FIRE-PROOFING, SIMILAR THROUGHOUT THE DURATION OF CONSTRUCTION.
- FIXED-TEMPERATURE LINEAR HEAT DETECTION. INSTALL TEMPORAR FIXED-TEMPERATURE (190°F) LINEAR HEAT DETECTION IN RENOVATI WORK AREAS WHERE THE SPRINKLER SYSTEM WILL BE IMPAIRED FC LONGER THAN ONE (1) WORK SHIFT OR AS OTHERWISE REQUIRED BY AUTHORITY HAVING JURISDICTION, COORDINATE REQUIREMENTS FO TEMPORARY LINEAR HEAT DETECTION WITH DIVISION 21 WORK. WHE REQUIRED, INSTALL LINEAR HEAT DETECTION WITHIN EACH BEAM PO WITH CABLES PARALLEL TO STRUCTURAL BEAMS. LINEAR HEAT DETE SHALL BE SUPERVISED BY THE BUILDING FIRE ALARM SYSTEM. ACTIVATION OF THE LINEAR HEAT DETECTION SYSTEM SHALL INITIATE BUILDING ALARM SEQUENCE OF OPERATION.
- PROGRAMMING. UPDATE FIRE ALARM SYSTEM PROGRAMMING AS REQUIRED TO INCLUDE NEW ADDRESSES, DELETED ADDRESSES AND SEQUENCE OF OPERATIONS CHANGES. MATCH EXISTING DEVICE ADD NOMENCLATURE. VERIFY BUILDING ROOM NAMES AND NUMBERS IN F
- EXISTING WORK STATIONS. UPDATE PROGRAMMING AND GRAPHICS F OF EXISTING WORKSTATIONS AS REQUIRED TO ACCURATELY REFLEC FIRE ALARM SYSTEM MODIFICATIONS. EXISTING GRAPHIC ANNUNCIATORS & SWITCHES. REPLACE EXISTING
- GRAPHIC ANNUNCIATOR. OPERATOR SWITCHES, LABELS AND SIMILAR REQUIRED TO ACCURATELY REFLECT THE FIRE ALARM SYSTEM MODIFICATIONS. EXISTING IDENTIFICATION. REPLACE EXISTING FIRE ALARM SIGNAGE,
- GRAPHICS, FRAMED MAPS, AND SIMILAR WITH NEW AS REQUIRED TO ACCURATELY REFLECT FIRE ALARM SYSTEM MODIFICATIONS. EXISTING DOCUMENTATION. AMEND EXISTING PROPERTY RECORDS SUPPLEMENTAL FIRE ALARM RECORD DOCUMENTATION INCLUDING

ODIFICATIONS TO EXISTING SYSTEMS	DOCUMENT SUBMITTAL PROCESS	GENERAL REQUIREMENTS
PREPARE, IN NARRATIVE AND DRAWING FORMAT AS DIRECTED BY THE AUTHORITY OF HAVING JURISDICTION, A FORMAL IMPAIRMENT PLAN. COORDINATE IMPAIRMENT PLAN WITH GENERAL CONTRACTOR FOR INCORPORATION INTO THE NFPA 241 FIRE SAFETY PROGRAM PREPARED BY THE GENERAL CONTRACTOR. IMPAIRMENT PLAN SHALL IDENTIFY THE BUILDING OCCUPANCY (OR VACANCY) DURING CONSTRUCTION AND NATURE OF THE SYSTEM IMPAIRMENT. IMPAIRMENT PLAN SHALL IDENTIFY MAXIMUM IMPAIRMENT DURATION PERMITTED BY THE AUTHORITY HAVING JURISDICTION BEFORE ALTERNATE PROTECTION OR FIRE WATCHES ARE NECESSARY. IMPAIRMENT PLAN SHALL IDENTIFY THE DURATION AND TIMING OF FIRE ALARM SYSTEM SHUTDOWNS AND RESULTANT REQUIREMENT FOR TEMPORARY PROTECTION MEASURES OR FIRE WATCHES, IF ANY. IMPAIRMENT PLAN SHALL IDENTIFY THE NECESSARY PROVISIONS FOR TEMPORARY OR TECTION MEASURES OR FIRE WATCHES, IF ANY. IMPAIRMENT PLAN SHALL IDENTIFY THE NECESSARY PROVISIONS FOR TEMPORARY CIRCUIT CONNECTIONS TO EXISTING FIRE ALARM DEVICES AND APPLIANCES TO REMAIN IN SERVICE. IMPAIRMENT PLAN SHALL IDENTIFY ADDITIONAL PROTECTION FEATURES INCLUDING FIRE WATCHES AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.	<ol> <li>THE DESIGN CONTENT OF THESE DRAWINGS IS INTENDED TO SATISFY THE STATE BUILDING CODE REQUIREMENTS FOR CONSTRUCTION DOCUMENTS. WHEN STAMPED AND SEALED BY THE ENGINEER OF RECORD THEY ARE INTENDED TO BE USED AS PART OF THE BUILDING PERMIT APPLICATION ONLY.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A COMPLETE SHOP DRAWING SUBMITTAL INCLUSIVE OF ALL INFORMATION REQUIRED BY THE STATE BUILDING CODE AND THE CONSTRUCTION DOCUMENTS. SHOP DRAWINGS REVIEWED BY THE ENGINEER OF RECORD SHALL BE USED FOR SUPPLEMENTAL FIRE PROTECTION SYSTEM INSTALLATION PERMITS OR SUBMITTALS WHERE SUCH PERMITS OR SUBMITTALS ARE REQUIRED BY THE AUTHORITY HAVING JURISDICTION.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A COMPLETE RECORD DRAWING SUBMITTAL INCLUSIVE OF ALL FIELD CHANGES AND ALL INFORMATION REQUIRED BY THE STATE BUILDING CODE AND THE CONSTRUCTION DOCUMENTS.</li> <li>SHOP DRAWINGS AND RECORD DRAWING SUBMITTALS SHALL BE PREPARED BY THE CONTRACTOR'S QUALIFIED ENGINEERING TECHNICIAN AND SHALL INDICATE THE TECHNICIAN'S NICET CERTIFICATION NUMBER OR PROFESSIONAL ENGINEERING SEAL &amp; SIGNATURE AS REQUIRED BY THE CONSTRUCTION DOCUMENTS.</li> </ol>	<ol> <li>PURPOSE OF ENGINEERING DRAWINGS. THE DRAWINGS ARE DIAGRAMMATIC. THEY ARE NOT INTENDED TO BE ABSOLUTELY PRECISE; THEY ARE NOT INTENDED TO SPECIFY OR TO SHOW EVERY REQUIRED COMPONENT OF THE SYSTEMS DESCRIBED. THE PURPOSE OF THE DRAWINGS IS TO INDICATE A SYSTEM CONCEPT, THE MAIN COMPONENTS OF THE SYSTEMS, AND THEIR APPROXIMATE GEOMETRIC RELATIONSHIPS. BASED UPON THE SYSTEMS CONCEPT, THE MAIN COMPONENTS, AND THEIR APPROXIMATE GEOMETRIC RELATIONSHIPS, PROVIDE ALL OTHER COMPONENTS AND MATERIALS NECESSARY TO MAKE THE SYSTEMS FULLY COMPLETE AND OPERATIONAL. GENERIC PERFORMANCE CRITERIA WIRING DIAGRAMS ARE REPRESENTED BY THE ENGINEERING DRAWINGS. ADAPT DIAGRAM ARRANGEMENT AS NECESSARY TO ACHIEVE SPECIFIED PERFORMANCE WITH FAS MANUFACTURER-SPECIFIC TECHNOLOGY.</li> <li>MINIMUM PERFORMANCE REQUIREMENTS. INTERPRET DRAWING AND SPECIFICATION REQUIREMENTS THAT ARE MORE STRINGENT THAN FEDERAL, STATE, &amp; MUNICIPAL CODE-MINIMUM AS DELIBERATELY CONSIDERED PERFORMANCE CRITERIA THAT ARE A MANDATORY PART OF THE WORK. WHERE DRAWINGS AND SPECIFICATIONS ARE SILENT ON A CODE REGULATED CONDITION, COMPLY WITH NEPA STANDARD EDITIONS REFERENCED BY APPLICABLE FEDERAL, STATE, &amp; MUNICIPAL CODES.</li> <li>DESIGN STANDARDS. COMPLY WITH NFPA [72].</li> </ol>
FIRE ALARM OUTSIDE OF RENOVATION WORK AREA. INITIATING DEVICES AND NOTIFICATION APPLIANCES IN AREAS ADJACENT TO THE RENOVATION WORK AREA MUST REMAIN IN SERVICE THROUGHOUT THE DURATION OF CONSTRUCTION. PROVIDE TEMPORARY CIRCUIT CONNECTIONS AS NECESSARY TO MAINTAIN SERVICE UNTIL NEW CIRCUITS ARE COMPLETED. STROBE SYNCHRONIZATION ALLOWANCE. THE FLASH PATTERN OF EXISTING STROBE NOTIFICATION APPLIANCES ADJACENT TO THE RENOVATION WORK AREA BUT OPEN TO VIEW OF NEW STROBE	5. THE ENGINEER OF RECORD SHALL NOT SIGN AND SEAL SHOP DRAWING OR RECORD DRAWING SUBMITTALS PREPARED BY THE CONTRACTOR. WHERE THE AUTHORITY HAVING JURISDICTION REQUIRES SHOP DRAWING OR RECORD DRAWING SUBMITTALS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, THE SUBMITTALS SHALL BE PREPARED BY A QUALIFIED PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR.	<ol> <li>APPROVALS. PRODUCTS SHALL BE UL LISTED [OR] FM APPROVED FOR FIRE PROTECTION DUTY AND THE INTENDED SERVICE APPLICATION.</li> <li>ALL WORK IS NEW. UNLESS SPECIFICALLY NOTED AS EXISTING, ALL COMPONENTS INDICATED BY THE DRAWINGS ARE NEW.</li> <li>RELATED DOCUMENTS. THE NECESSARY UNDERSTANDING OF THE PROJECT SCOPE AND FIRE ALARM AND SIGNALING WORK CANNOT BE OBTAINED WITHOUT REVIEW OF ALL PROJECT DOCUMENTS. REVIEW COMPLETE PACKAGE OF PROJECT DRAWINGS. SPECIFICATIONS. AND</li> </ol>
NOTIFICATION WORK AREA BUT OPEN TO VIEW OF NEW STROBE NOTIFICATION APPLIANCES WITHIN THE RENOVATION WORK AREA SHALL BE SYNCHRONIZED. INCLUDE A COST ALLOWANCE FOR THE REPLACEMENT OF EXISTING NOTIFICATION APPLIANCES, NEW POWER SUPPLIES, SYNC- MODULES, AND OTHER NECESSARY MODULES REQUIRED FOR SYNCHRONIZATION WHERE THE EXISTING FIRE ALARM SYSTEM IS	INSPECTION AND TESTING	COMPLETE PACKAGE OF PROJECT DRAWINGS, SPECIFICATIONS, AND NARRATIVES TO FULLY UNDERSTAND THE PROJECT SCOPE AND TO COORDINATE THE FIRE ALARM AND SIGNALING WORK WITH OTHER DIVISIONS.
DETERMINED IN THE FIELD TO NOT BE CAPABLE OF SYNCHRONIZATION BETWEEN EXISTING AND NEW NOTIFICATION APPLIANCES. FIRE ALARM PULL BOXES WITHIN RENOVATION WORK AREA. MAINTAIN MANUAL PULL BOXES AT EXITS WITHIN AREA OF RENOVATION. REPLACE PULL BOXES WITH NEW AT THE CONCLUSION OF CONSTRUCTION. FIRE ALARM NOTIFICATION APPLIANCES WITHIN RENOVATION WORK AREA. MAINTAIN NOMINAL AUDIBLE AND VISIBLE SIGNALING WITHIN THE RENOVATION WORK AREA. AT A MINIMUM, LOCATE COMBINATION AUDIBLE / VISIBLE NOTIFICATION APPLIANCES AT EACH EXIT FROM THE WORK AREA. SMOKE AND HEAT DETECTORS WITHIN RENOVATION WORK AREA.	<ol> <li>PREPARE A TYPEWRITTEN COMPUTER-OUTPUT TEST PLAN THAT CLEARLY ESTABLISHES THE SCOPE OF FIRE ALARM AND SIGNALING SYSTEM TESTING. INCLUDE AT A MINIMUM TESTING METHODS, PERSONNEL, DURATION, PLANNED IMPAIRMENTS, AND REQUIRED COORDINATION FOR INTEGRATED TESTING OF EMERGENCY CONTROL FUNCTION INTERFACES. COORDINATE NFPA 3 "RECOMMENDED PRACTICE FOR COMMISSIONING OF FIRE PROTECTION AND LIFE SAFETY SYSTEMS" AND NFPA 4 "STANDARD FOR INTEGRATED FIRE PROTECTION AND LIFE SAFETY SYSTEM TESTING" REQUIREMENTS WITH THE FIRE AND LIFE SAFETY COMMISSION AGENT (FCxA) WHERE AN FCxA IS CONTRACTED BY THE OWNER.</li> <li>FUNCTIONAL FIELD TESTS SHALL BE WITNESSED BY THE CONSTRUCTION MANAGER (CM) THEIR DESIGNEES AND WHEN CONTRACTED BY THE OWNER</li> </ol>	<ol> <li>GENERAL INSTALLATION. INSTALL STSTEM IN A WORKMANLIKE PASHON AND IN A RECTILINEAR ARRANGEMENT WITH PATHWAYS, EQUIPMENT, DEVICES, AND APPLIANCE PERPENDICULAR AND PARALLEL WITH BUILDING ARCHITECTURAL AND STRUCTURAL ELEMENTS. CONDUIT SHALL BE TIGHT TO UNDERSIDE OF DECK. EXPOSED CONDUIT SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION AND SHALL MAINTAIN NECESSARY CLEARANCES.</li> <li>8. FIRE DEPARTMENT OPERATIONS. INSTALL FIRE ALARM DISPLAYS, AND CONTROLS, PRIVATE-MODE SIGNALING APPLIANCES, SIGNAGE, AND OTHER COMPONENTS REQUIRING FIRE FIGHTER PERSONNEL INTERFACE DURING EMERGENCY OPERATIONS IN READILY IDENTIFIABLE LOCATIONS, WITH ADEQUATE OPERATIONAL CLEARANCES, AND IN ACCORDANCE WITH RESPONDING FIRE DEPARTMENT STANDARD EMERGENCY</li> </ol>
PROTECT EXISTING DETECTORS TO REMAIN FROM DUST AND DEBRIS THROUGHOUT THE DURATION OF CONSTRUCTION. REPLACE DETECTORS WITH NEW AT THE CONCLUSION OF CONSTRUCTION. FIRE ALARM INTERFACE MODULES WITHIN RENOVATION WORK AREA. MAINTAIN THE OPERATION OF EXISTING INPUT AND OUTPUT INTERFACE MODULES TO EXISTING EQUIPMENT THROUGHOUT THE DURATION OF CONSTRUCTION.	<ol> <li>MANAGER (CM), THEIR DESIGNEES, AND WHEN CONTRACTED BY THE OWNER THE FIRE AND LIFE SAFETY COMMISSION AGENT (FCxA); PROVIDE NOTIFICATIONS A MINIMUM OF TWO (2) WEEKS IN ADVANCE.</li> <li>ACCEPTANCE FIELD TESTING SHALL BE WITNESSED BY THE CM, THEIR DESIGNEES, AND AUTHORITIES HAVING JURISDICTION (AHJ); PROVIDE NOTIFICATIONS A MINIMUM OF TWO (2) WEEKS IN ADVANCE.</li> <li>PERFORM VISUAL INSPECTIONS IN ACCORDANCE WITH FIRE ALARM SYSTEM</li> </ol>	<ul> <li>9. RACEWAY. UNLESS OTHERWISE NOTED, WIRE AND CABLE PATHWAYS SHALL BE DEDICATED CONTINUOUS METAL RACEWAY THROUGHOUT. COMPLY WITH NFPA 72 REQUIREMENTS - BOTH MANDATORY AND RECOMMENDED - FOR MINIMUM PHYSICAL SEPARATION OF SUPPLY AND RETURN PATHWAYS.CONDUIT SHALL BE MINIMUM 3/4-IN NOMINAL WITH RED MARKINGS EVERY 10-FT OR SOLID RED COLOR.</li> </ul>
PROTECTION. PROTECT EXISTING FIRE ALARM DEVICES, APPLIANCES, AND EQUIPMENT FROM DUST, DEBRIS, PAINT, SPRAY-ON FIRE-PROOFING, AND SIMILAR THROUGHOUT THE DURATION OF CONSTRUCTION. FIXED-TEMPERATURE LINEAR HEAT DETECTION. INSTALL TEMPORARY FIXED-TEMPERATURE (190°F) LINEAR HEAT DETECTION IN RENOVATION WORK AREAS WHERE THE SPRINKLER SYSTEM WILL BE IMPAIRED FOR LONGER THAN ONE (1) WORK SHIFT OR AS OTHERWISE REQUIRED BY THE	<ul> <li>MANUFACTURER RECOMMENDATIONS AND NFPA 72 FOR INITIAL ACCEPTANCE INSPECTIONS. CORRECT DEFICIENCIES.</li> <li>5. DOCUMENT INSPECTIONS BY COMPLETING APPLICABLE SECTIONS OF THE NFPA 72 "SYSTEM RECORD OF INSPECTION AND TESTING" REPORT.</li> <li>6. PROVIDE WRITTEN NOTIFICATIONS FOR FUNCTIONAL FIELD TESTS; INCLUDE TEST PLAN.</li> </ul>	<ol> <li>WIRE AND CABLE. FPL POWER-LIMITED FIRE ALARM SHALL BE CABLE RUN CONTINUOUS BETWEEN COMPONENT TERMINALS WITHOUT SPLICES. POWER LIMITED CIRCUITS SHALL NOT BE RUN IN THE SAME RACEWAY AS NON-POWER LIMITED CIRCUITS.</li> <li>SURVIVABILITY. FIRE ALARM EQUIPMENT AND PATHWAYS SHALL BE SURVIVABLE AGAINST THE EFFECTS OF FIRE DAMAGE AS INDICATED.</li> </ol>
AUTHORITY HAVING JURISDICTION. COORDINATE REQUIREMENTS FOR TEMPORARY LINEAR HEAT DETECTION WITH DIVISION 21 WORK. WHERE REQUIRED, INSTALL LINEAR HEAT DETECTION WITHIN EACH BEAM POCKET WITH CABLES PARALLEL TO STRUCTURAL BEAMS. LINEAR HEAT DETECTION SHALL BE SUPERVISED BY THE BUILDING FIRE ALARM SYSTEM. ACTIVATION OF THE LINEAR HEAT DETECTION SYSTEM SHALL INITIATE THE BUILDING ALARM SEQUENCE OF OPERATION. PROGRAMMING. UPDATE FIRE ALARM SYSTEM PROGRAMMING AS REQUIRED TO INCLUDE NEW ADDRESSES, DELETED ADDRESSES AND SEQUENCE OF OPERATIONS CHANGES MATCH EXISTING DEVICE ADDRESS	<ol> <li>PERFORM FUNCTIONAL TESTING IN ACCORDANCE WITH ACCORDANCE WITH FIRE ALARM SYSTEM MANUFACTURER RECOMMENDATIONS NFPA 72 FOR "INITIAL ACCEPTANCE TESTING". CORRECT DEFICIENCIES. REPEAT FUNCTIONAL TESTING INCLUDING RETESTING OF UNAFFECTED COMPONENTS IN ACCORDANCE WITH NFPA 72 FOR "REACCEPTANCE TESTING".</li> <li>REPEAT FUNCTIONAL TESTING AS REQUIRED BY THE FIRE AND LIFE SAFETY COMMISSION AGENT (FCxA) WHERE AN FCxA IS CONTRACTED BY THE OWNER.</li> </ol>	<ol> <li>12. I-TAPPING. CIRCUITS SHALL BE ARRANGED WITHOUT I-TAPS.</li> <li>13. INTERFACES. DIVISION 28 WORK INCLUDES WIRING AND TERMINATIONS FROM INTERFACE MODULES TO ASSOCIATED EQUIPMENT TERMINALS. COORDINATE VOLTAGE REQUIREMENTS OF CONTROLLED EQUIPMENT WITH THE RATINGS OF THE ASSOCIATED FIRE ALARM INTERFACE MODULE. PROVIDE INTERPOSING RELAYS WHERE INDICATED OR OTHERWISE REQUIRED. UNLESS NOTED AS PERMISSIBLE FOR FAIL-SAFE CONTROL CIRCUITS, ADDRESSABLE RELAY MODULES SHALL BE LOCATED WITHIN 3-FT OF THE ASSOCIATED DEVICE OR CIRCUIT BEING CONTROL LED</li> </ol>
NOMENCLATURE. VERIFY BUILDING ROOM NAMES AND NUMBERS IN FIELD. EXISTING WORK STATIONS. UPDATE PROGRAMMING AND GRAPHICS FILES OF EXISTING WORKSTATIONS AS REQUIRED TO ACCURATELY REFLECT FIRE ALARM SYSTEM MODIFICATIONS. EXISTING GRAPHIC ANNUNCIATORS & SWITCHES. REPLACE EXISTING	<ol> <li>DOCUMENT 100 PERCENT SATISFACTORY FUNCTIONAL TESTS BY COMPLETING REMAINING SECTIONS OF THE NFPA 72 "SYSTEM RECORD OF INSPECTION AND TESTING" REPORT.</li> <li>SUBMIT NFPA 72 "STATEMENT OF COMPLETION" AND COMPLETED NFPA 72 "SYSTEM RECORD OF INSPECTION AND TESTING" REPORT.</li> </ol>	<ul> <li>PRIMARY POWER SUPPLY SHALL BE FROM A SEPARATE FUSED CIRCUIT FREE FROM FAULTS INCLUDING GROUNDS, SHORTS, OPENS, STRAY VOLTAGE, OR INDUCED VOLTAGE. EACH BREAKER SHALL BE LOCKABLE AND IDENTIFIED AT BOTH THE POWER PANEL AND THE POWERED EQUIPMENT. A SURGE PROTECTIVE DEVICE SHALL BE PROVIDED FOR EACH PRIMARY POWER CIRCUIT.</li> </ul>
GRAPHIC ANNUNCIATOR, OPERATOR SWITCHES, LABELS AND SIMILAR AS REQUIRED TO ACCURATELY REFLECT THE FIRE ALARM SYSTEM MODIFICATIONS. EXISTING IDENTIFICATION. REPLACE EXISTING FIRE ALARM SIGNAGE, GRAPHICS, FRAMED MAPS, AND SIMILAR WITH NEW AS REQUIRED TO ACCURATELY REFLECT FIRE ALARM SYSTEM MODIFICATIONS. EXISTING DOCUMENTATION. AMEND EXISTING PROPERTY RECORDS WITH SUPPLEMENTAL FIRE ALARM RECORD DOCUMENTATION INCLUDING	<ol> <li>PROVIDE WRITTEN NOTIFICATIONS FOR ACCEPTANCE FIELD TESTS; INCLUDE TEST PLAN, NFPA 72 "STATEMENT OF COMPLETION", NFPA 72 "SYSTEM RECORD OF INSPECTION AND TESTING" REPORT, AND NFPA 72 "SYSTEM RECORD OF COMPLETION".</li> <li>PERFORM ACCEPTANCE FIELD TESTING. DEMONSTRATE SYSTEM OPERATION TO THE SATISFACTION OF THE AHJ. CORRECT AHJ NOTED DEFICIENCIES.REPEAT FUNCTIONAL TESTING INCLUDING RETESTING OF UNAFFECTED COMPONENTS IN ACCORDANCE WITH NFPA 72 FOR</li> </ol>	<ol> <li>COORDINATION. MAKE REASONABLE AND NECESSARY MODIFICATIONS IN LAYOUTS AND COMPONENT ARRANGEMENT NEEDED TO PREVENT CONFLICT WITH AND TO ACCOMMODATE OTHER DIVISIONS OF THE WORK.</li> <li>CLEARANCES. INSTALL CONDUIT, BOXES, CABINETS, AND SYSTEM COMPONENTS TO MAINTAIN MINIMUM CLEARANCES REQUIRED TO OPERATE AND MAINTAIN FIRE ALARM AND SIGNALING EQUIPMENT; TO INSTALL OPERATE AND MAINTAIN FOLLIDMENT AND FEATURES OF OTHER</li> </ol>
SUPPLEMENTAL FIRE ALARM RECORD DOCUMENTATION INCLUDING DRAWINGS AND TEST REPORTS FOR THE ALTERATION WORK PERFORMED.	<ul> <li>"REACCEPTANCE TESTING". AMEND NFPA 72 "SYSTEM RECORD OF INSPECTION AND TESTING" REPORT, AND NFPA 72 "SYSTEM RECORD OF COMPLETION".</li> <li>13. PLACE SYSTEM INTO NORMAL OPERATING SERVICE WITHOUT SYSTEM FAULTS OR OUTSTANDING WORK.</li> </ul>	<ul> <li>INSTALL, OPERATE AND MAINTAIN EQUIPMENT AND FEATURES OF OTHER DIVISIONS; TO ACCOMMODATE FINISHED CEILING HEIGHTS; AND TO MAINTAIN MAXIMUM HEADROOM IN AREAS OPEN TO STRUCTURE ABOVE.</li> <li>17. PENETRATIONS. USE SPECIFIED SLEEVES, SLEEVE SEALS, AND ESCUTCHEONS AT RACEWAY PENETRATIONS. AT FIRE RESISTANCE RATED PENETRATIONS, THE PENETRATED FLOOR OR WALL, PENETRATING RACEWAY, SLEEVE OR SLEEVE SEAL, AND FIRESTOP</li> </ul>

## **CROCKFORDS** -**RESORTS WORLD** CATSKILLS

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MATERIAL AS AN ASSEMBLY SHALL COMPLY WITH A DESIGNATED UL

WITH CONTROLS AND DISPLAYS SUCH THAT THEY ARE READILY ACCESSIBLE AND VISIBLE TO RESPONDING PERSONNEL. INSTALL EQUIPMENT TO READILY PERMIT TESTING SERVICING, AND BATTERY REPLACEMENT. INSTALL FIRE DETECTORS SUCH THAT THEY WILL BE READILY ACCESSIBLE FOR TESTING AND MAINTENANCE FROM THE

SUPPORT. CONDUITS, CABLES, AND RACEWAY SHALL NOT BE

SUPPORTED BY CEILING GRID SYSTEMS. SECURE CONDUITS, CABLES,

IDENTIFICATION. PROVIDE IDENTIFICATION AT ALL DEVICES, APPLIANCES,

FIRE PROTECTION DURING CONSTRUCTION. PROVIDE FIRE PROTECTION DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO SPRINKLER / STANDPIPE SUPERVISION, AUDIBLE AND VISIBLE ALARMS, AND CENTRAL STATION SUPERVISION AS REQUIRED BY THE AUTHORITY HAVING

ON-STE AS-BUILT DOCUMENTATION. MAINTAIN COMPLETE AND

SEPARATE SET OF INSTALLATION DRAWINGS ON SITE AT ALL TIMES. RECORD WORK COMPLETED AND ALL MODIFICATIONS CLEARLY AND

ACCESS TO COMPONENTS. INSTALL WALL MOUNT EQUIPMENT CABINETS

THROUGH-PENETRATION FIRESTOP SYSTEM.

AND RACEWAYS TO THE BUILDING STRUCTURE.

MODULES, AND CABINET ENCLOSURES.

FLOOR SURFACE BELOW.

JURISDICTION.

ACCURATELY.

ISSUE	07/06/2022			
JOB	30860.00			
DRAWN_	Author			
SCALE _	NONE			
REVISIONS				



