

1 BASEMENT LEVEL FIRE ALARM PLAN
FA1.0 SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO PROVIDE SUPPORTS AS REQUIRED FOR MOUNTING OF FIRE ALARM DEVICES.
2. SEE DRAWING FA3.0 FOR DEVICE LEGEND.
3. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT SPECIFIC DOCUMENTATION THAT SHALL BE REQUIRED FOR PERMITTING.

KEYED NOTES

- ① DEVICE ACTIVATION TO SIGNAL ELEVATOR CONTROLLER TO PERFORM ELEVATOR RECALL.
- ② INTERFACE MODULES FOR ELEVATOR RECALL TO MAIN FLOOR, ALTERNATE FLOOR RECALL AND SHUNT TRIP. COORDINATE LOCATION WITH ELEVATOR CONTRACTOR.
- ③ DEVICE ACTIVATION TO SHUNT TRIP THE POWER TO THE ELEVATOR.
- ④ INTERFACE MODULE FOR KITCHEN HOOD SUPPRESSION SYSTEM. COORDINATE LOCATION WITH SUPPRESSION SYSTEM INSTALLER.
- ⑤ INSTALLATION AND LOCATION OF 2 WAY FIRE FIGHTER PHONES IN ELEVATOR CARS AND THEIR ASSOCIATED CABLEING TO BE COORDINATED WITH ELEVATOR MANUFACTURER/CONTRACTOR.
- ⑥ INSTALL WEATHER PROOF HORN/STROBE ON OUTSIDE WALL ABOVE AND NEAR THE LOCATION OF FIRE DEPARTMENT CONNECTION.

THIS RECORD DRAWING HAS BEEN PREPARED ON INFORMATION PROVIDED BY OTHERS. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

LLI ENGINEERING PROJECT NUMBER
20070085
6000 BROOKTREE ROAD, SUITE 300 WEXFORD, PA 724 934-8800

150/110	RECORD DRAWING		
1	ISSUED FOR CONSTRUCTION		
NO.	DATE	REVISION	APPR.
SUBMITTED			
PROJECT DESIGNER		PROJECT COORDINATOR	
APPROVED			
CHIEF - DIVISION OF DESIGN			
APPROVED			
DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION			

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
OFFICE OF PARKS AND FORESTRY

PROJECT NO: FDC-133-4494

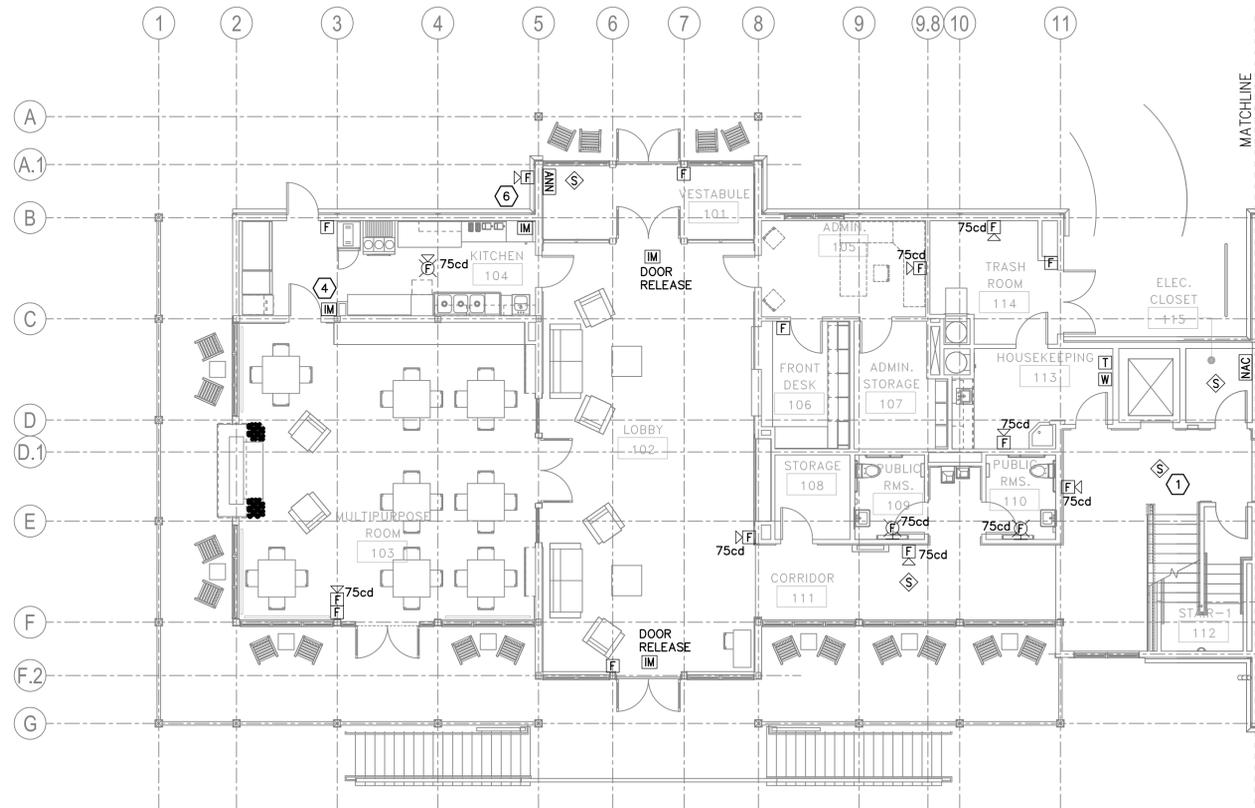
APPLICABLE CONTRACT NO'S.

GENERAL:	PLUMBING:
HVAC:	ELECTRICAL: FDC-133-4494.4
ROADWAY:	

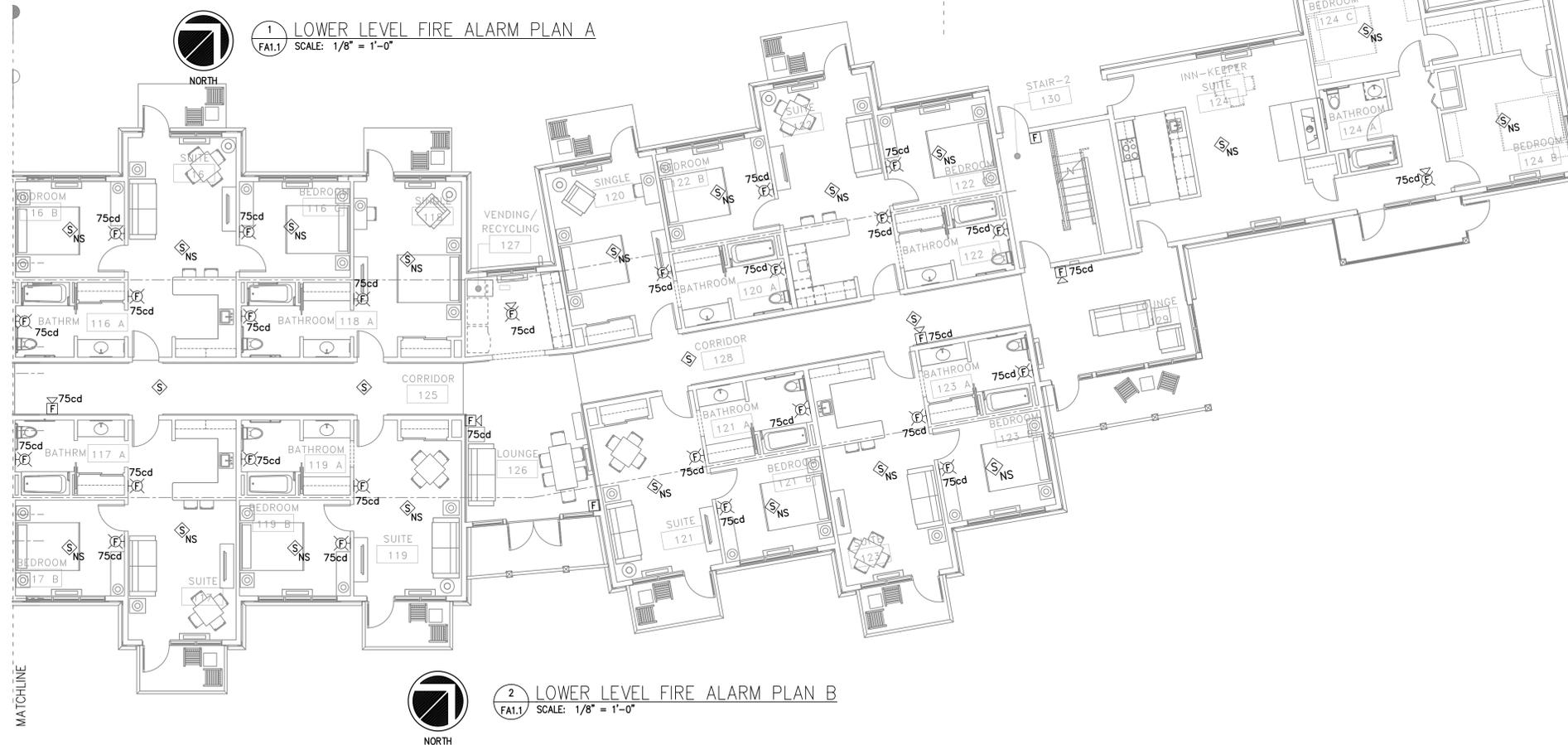
THE INN AT BALD EAGLE STATE PARK
HOWARD AND LIBERTY TOWNSHIP,
CENTRE COUNTY, PENNSYLVANIA

BASEMENT PLAN
FIRE ALARM

DRAWN BY: RYM	DATE: 09-03-08	DRAWING NO.:
CHECKED BY: JGB	SCALE: AS NOTED	FA1.0



1 LOWER LEVEL FIRE ALARM PLAN A
FA1.1 SCALE: 1/8" = 1'-0"



2 LOWER LEVEL FIRE ALARM PLAN B
FA1.1 SCALE: 1/8" = 1'-0"

- MOUNTING OF FIRE ALARM DEVICES.
- 2. SEE DRAWING FA3.0 FOR DEVICE LEGEND.
- 3. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT SPECIFIC DOCUMENTATION THAT SHALL BE REQUIRED FOR PERMITTING.

KEYED NOTES

- ① DEVICE ACTIVATION TO SIGNAL ELEVATOR CONTROLLER TO PERFORM ELEVATOR RECALL.
- ② INTERFACE MODULES FOR ELEVATOR RECALL TO MAIN FLOOR, ALTERNATE FLOOR RECALL AND SHUNT TRIP. COORDINATE LOCATION WITH ELEVATOR CONTRACTOR.
- ③ DEVICE ACTIVATION TO SHUNT TRIP THE POWER TO THE ELEVATOR.
- ④ INTERFACE MODULE FOR KITCHEN HOOD SUPPRESSION SYSTEM. COORDINATE LOCATION WITH SUPPRESSION SYSTEM INSTALLER.
- ⑤ INSTALLATION AND LOCATION OF 2 WAY FIRE FIGHTER PHONES IN ELEVATOR CARS AND THEIR ASSOCIATED CABLEING TO BE COORDINATED WITH ELEVATOR MANUFACTURER/CONTRACTOR.
- ⑥ INSTALL WEATHER PROOF HORN/STROBE ON OUTSIDE WALL ABOVE AND NEAR THE LOCATION OF FIRE DEPARTMENT CONNECTION.

THIS RECORD DRAWING HAS BEEN PREPARED ON INFORMATION PROVIDED BY OTHERS. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

LLI ENGINEERING PROJECT NUMBER
6000 BROOKTREE ROAD, SUITE 300 WEXFORD, PA 724 934-8800 20070085

10/10/10	RECORD DRAWING		
09/05/09	ELECTRICAL REVISIONS		
09/08/09	ADDENDUM NO. 1		
1	ISSUED FOR CONSTRUCTION		
NO.	DATE	REVISION	APPR.

SUBMITTED	PROJECT DESIGNER	PROJECT COORDINATOR
APPROVED	CHIEF - DIVISION OF DESIGN	
APPROVED	DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION	

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
OFFICE OF PARKS AND FORESTRY

PROJECT NO: FDC-133-4494

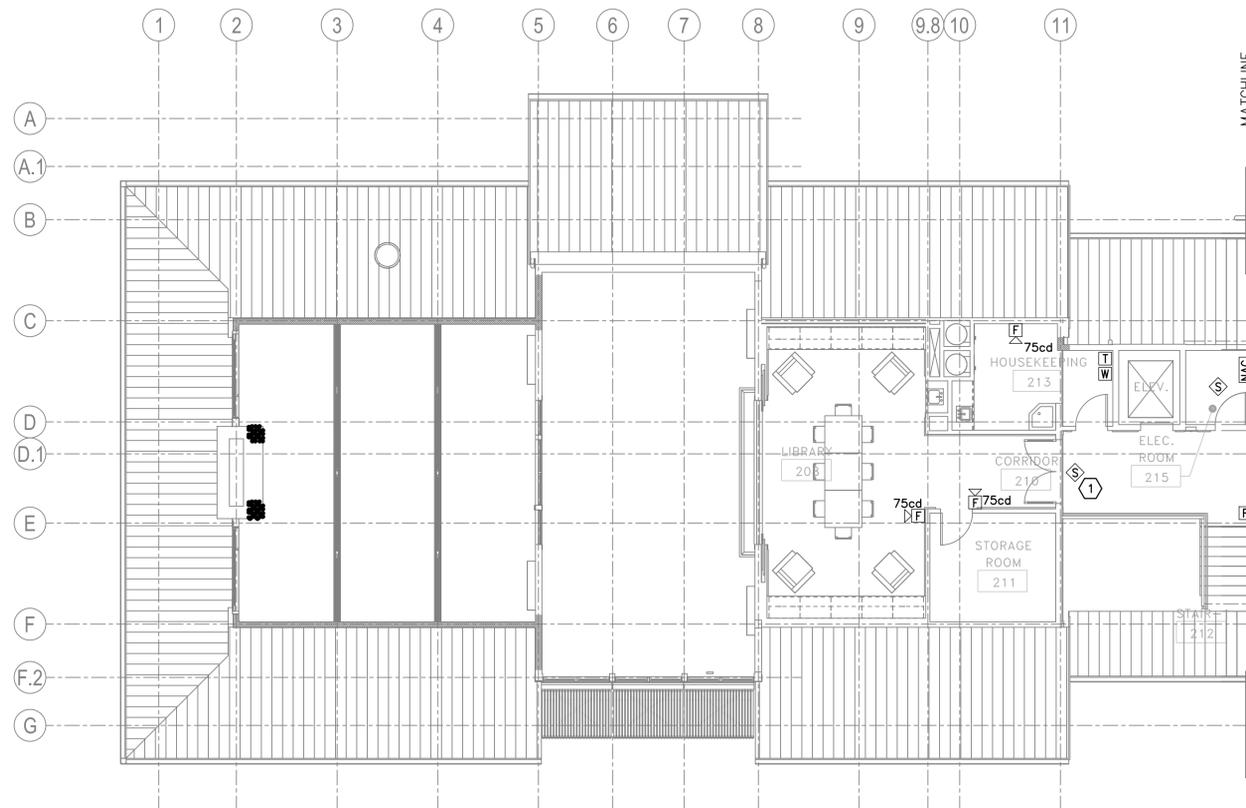
APPLICABLE CONTRACT NO'S.

GENERAL:	PLUMBING:
HVAC:	ELECTRICAL: FDC-133-4494.4
ROADWAY:	

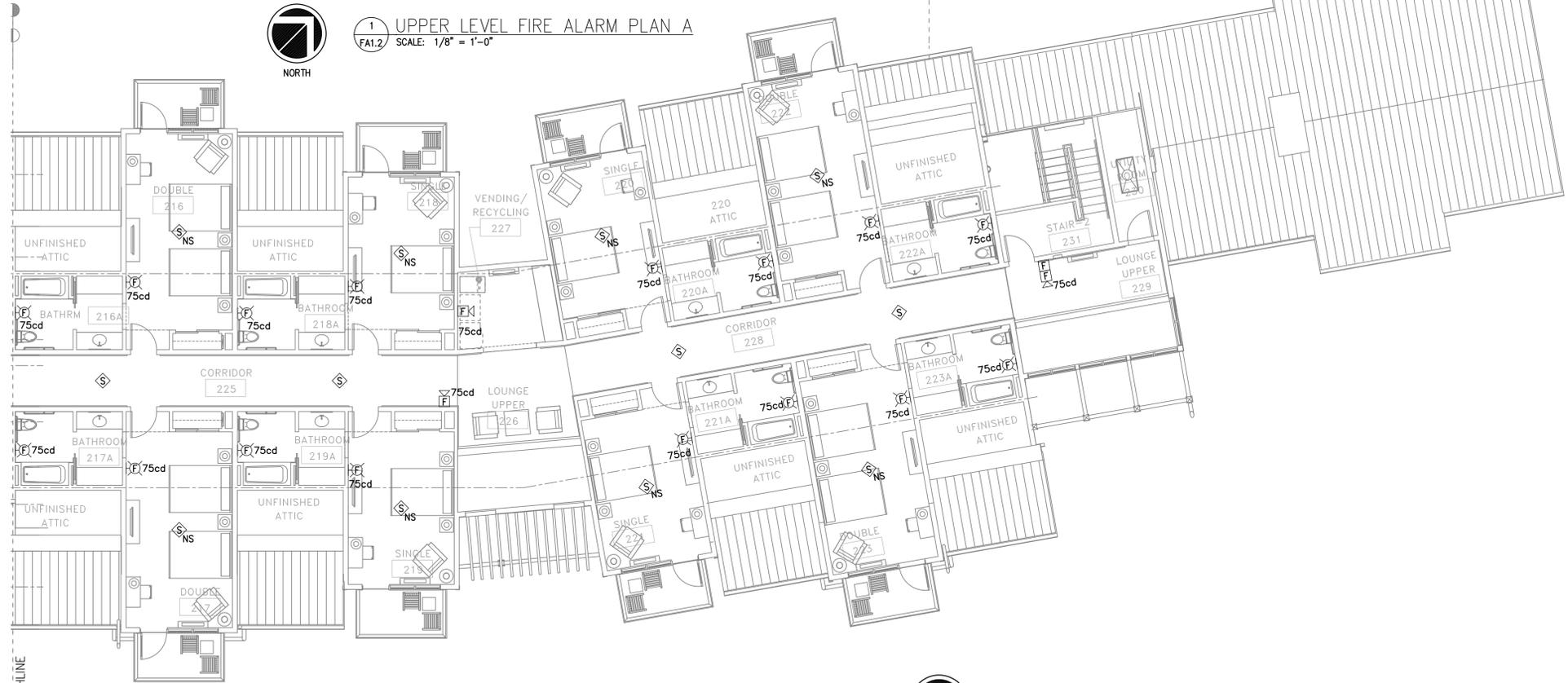
THE INN AT BALD EAGLE STATE PARK
HOWARD AND LIBERTY TOWNSHIP,
CENTRE COUNTY, PENNSYLVANIA

LOWER LEVEL FLOOR PLAN
FIRE ALARM

DRAWN BY: RYM	DATE: 09-03-08	DRAWING NO.:
CHECKED BY: JGB	SCALE: AS NOTED	FA1.1



1 UPPER LEVEL FIRE ALARM PLAN A
FA1.2 SCALE: 1/8" = 1'-0"



2 UPPER LEVEL FIRE ALARM PLAN B
FA1.2 SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO PROVIDE SUPPORTS AS REQUIRED FOR MOUNTING OF FIRE ALARM DEVICES.
2. SEE DRAWING FA3.0 FOR DEVICE LEGEND.
3. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT SPECIFIC DOCUMENTATION THAT SHALL BE REQUIRED FOR PERMITTING.

KEYED NOTES

- ① DEVICE ACTIVATION TO SIGNAL ELEVATOR CONTROLLER TO PERFORM ELEVATOR RECALL.
- ② INTERFACE MODULES FOR ELEVATOR RECALL TO MAIN FLOOR, ALTERNATE FLOOR RECALL AND SHUNT TRIP. COORDINATE LOCATION WITH ELEVATOR CONTRACTOR.
- ③ DEVICE ACTIVATION TO SHUNT TRIP THE POWER TO THE ELEVATOR.
- ④ INTERFACE MODULE FOR KITCHEN HOOD SUPPRESSION SYSTEM. COORDINATE LOCATION WITH SUPPRESSION SYSTEM INSTALLER.
- ⑤ INSTALLATION AND LOCATION OF 2 WAY FIRE FIGHTER PHONES IN ELEVATOR CARS AND THEIR ASSOCIATED CABLING TO BE COORDINATED WITH ELEVATOR MANUFACTURER/CONTRACTOR.
- ⑥ INSTALL WEATHER PROOF HORN/STROBE ON OUTSIDE WALL ABOVE AND NEAR THE LOCATION OF FIRE DEPARTMENT CONNECTION.

THIS RECORD DRAWING HAS BEEN PREPARED ON INFORMATION PROVIDED BY OTHERS. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

LLI ENGINEERING PROJECT NUMBER
20070085
6000 BROOKTREE ROAD, SUITE 300 WESTFORD, PA 724 934-8800

100110	RECORD DRAWING		
050500	ELECTRICAL REVISIONS		
1 090308	ISSUED FOR CONSTRUCTION		
NO.	DATE	REVISION	APPR.

PROJECT DESIGNER	PROJECT COORDINATOR
APPROVED	
CHIEF - DIVISION OF DESIGN	
APPROVED	
DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION	

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
OFFICE OF PARKS AND FORESTRY

PROJECT NO: FDC-133-4494

APPLICABLE CONTRACT NO'S.	
GENERAL:	PLUMBING:
HVAC:	ELECTRICAL: FDC-133-4494.4
ROADWAY:	

THE INN AT BALD EAGLE STATE PARK
HOWARD AND LIBERTY TOWNSHIP,
CENTRE COUNTY, PENNSYLVANIA

UPPER LEVEL PLAN
FIRE ALARM

DRAWN BY: RYM	DATE: 09-03-08	DRAWING NO.:
CHECKED BY: JGB	SCALE: AS NOTED	FA1.2

NOTIFICATION APPLIANCES

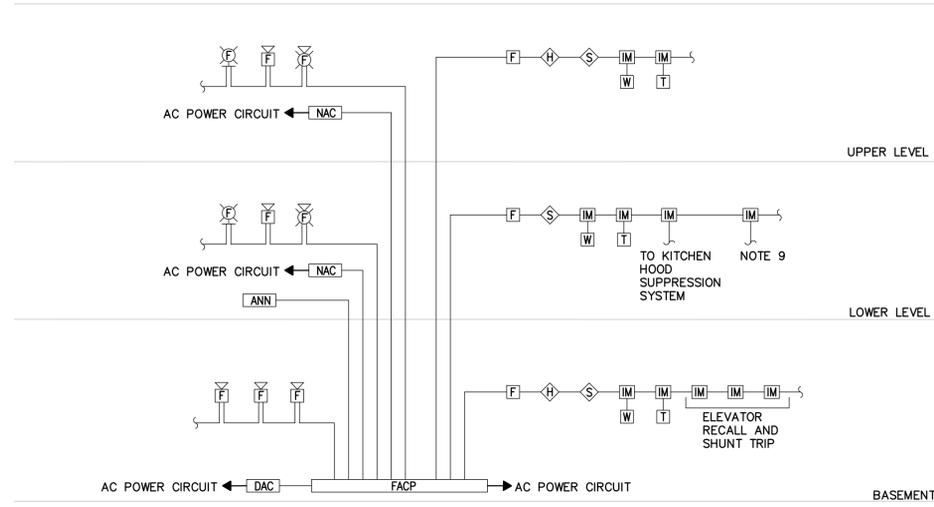
-  **WALL MOUNTED STROBE**
MOUNT 80" AFF OR 6" BELOW FINISHED CEILING WHICH EVER IS LOWER UNLESS OTHERWISE NOTED.
SUBSCRIPT INDICATES MINIMUM CANDELA RATING. CANDELA RATING SHALL COMPLY WITH NFPA 72 AND ADA. CANDELA SETTINGS SHALL BE SELECTABLE
-  **CEILING MOUNTED HORN/STROBE**
SUBSCRIPT INDICATES MINIMUM CANDELA RATING. CANDELA RATING SHALL COMPLY WITH NFPA 72 AND ADA. CANDELA SETTINGS SHALL BE SELECTABLE
-  **WALL MOUNTED HORN/STROBE**
MOUNT 80" AFF OR 6" BELOW FINISHED CEILING WHICH EVER IS LOWER UNLESS OTHERWISE NOTED.
SUBSCRIPT INDICATES MINIMUM CANDELA RATING. CANDELA RATING SHALL COMPLY WITH NFPA 72 AND ADA. CANDELA SETTINGS SHALL BE SELECTABLE

INITIATION DEVICES

-  **MANUAL PULL STATION**
MOUNT 48" AFF UNLESS OTHERWISE NOTED.
-  **SMOKE DETECTOR**
-  **NON SYSTEM SMOKE DETECTOR WITH INTEGRAL ADA COMPLIANT AUDIBLE & VISUAL NOTIFICATION.**
-  **HEAT DETECTOR**
-  **TAMPER SWITCH FOR SPRINKLER SYSTEM (WITH INTERFACE MODULE)**
-  **WATER FLOW SWITCH FOR SPRINKLER SYSTEM (WITH INTERFACE MODULE)**
-  **ADDRESSABLE INTERFACE MODULE. FUNCTION AS DESCRIBED ON DRAWINGS (MONITOR OR CONTROL)**

PANELS/PERIPHERAL EQUIPMENT

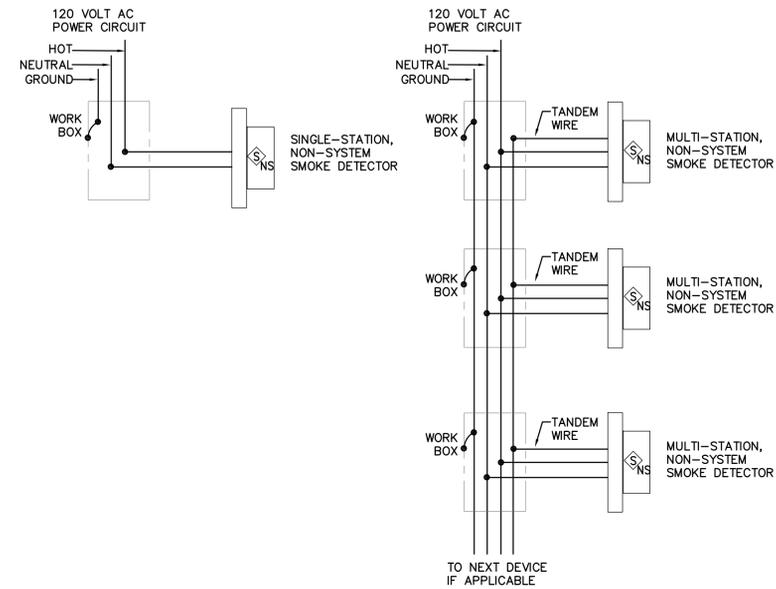
-  **FIRE ALARM CONTROL PANEL**
SURFACE MOUNT, TOP 5'-9" AFF.
-  **ANNUNCIATOR PANEL**
-  **NOTIFICATION APPLIANCE CIRCUIT EXPANDER**
-  **DIGITAL ALARM COMMUNICATOR**
-  **FIRE PHONE JACK**



FIRE ALARM RISER NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF SYSTEM COMPONENTS.
2. PROVIDE WIRING PER MANUFACTURER'S INSTRUCTION.
3. DO NOT LOAD ANY CIRCUIT BEYOND 80% OF RATED CAPACITY. SUBMIT CALCULATIONS TO SUBSTANTIATE. ADD ADDITIONAL CIRCUITS AS NECESSARY.
4. CANDELA RATING SHALL BE PER ADA REQUIREMENTS WITH MINIMUM INTENSITY OF 75cd.
5. ALL WIRING SHALL BE IN 3/4" (MINIMUM).
6. PROVIDE CONDUIT SLEEVES WITH ESCUTCHEN PLATES WHERE WIRING PASSES THROUGH WALLS, FLOORS, AND CEILINGS.
7. ALL FIRE ALARM DEVICES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DASABILITIES ACT (ADA).
8. MANUFACTURER IN CONJUNCTION WITH THE CONTRACTOR SHALL DETERMINE CONDUIT AND WIRING REQUIREMENTS AND DOCUMENT ALL ADDITIONS AND CHANGES ON AS-BUILT DRAWINGS.
9. COMMUNICATION WIRING (FOR DOOR LOCK RELEASE BETWEEN FIRE ALARM CONTROL PANEL AND ACCESS CONTROL SYSTEM PROVIDED BY ACCESS CONTROL SYSTEM INSTALLER AND TERMINATED AT FACP BY FA SYSTEM INSTALLER. COORDINATE PROGRAMMING REQUIREMENTS WITH ACCESS CONTROL INSTALLER.

FIRE ALARM RISER DIAGRAM
SCALE: N.T.S



NON--SYSTEM SMOKE DETECTOR WIRING DIAGRAM NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF SYSTEM COMPONENTS.
2. PROVIDE WIRING PER MANUFACTURER'S INSTRUCTION.
3. ALL WIRING SHALL BE IN 3/4" (MINIMUM).
4. PROVIDE CONDUIT SLEEVES WITH ESCUTCHEN PLATES WHERE WIRING PASSES THROUGH WALLS, FLOORS, AND CEILINGS.
5. MANUFACTURER IN CONJUNCTION WITH THE CONTRACTOR SHALL DETERMINE CONDUIT AND WIRING REQUIREMENTS AND DOCUMENT ALL ADDITIONS AND CHANGES ON AS-BUILT DRAWINGS.
6. ALL MULTI-STATION DETECTORS, IN A GIVEN UNIT, ARE TO BE POWERED FROM THE SAME CIRCUIT BREAKER.

NON--SYSTEM SMOKE DETECTOR WIRING DIAGRAM
SCALE: N.T.S

THIS RECORD DRAWING HAS BEEN PREPARED ON INFORMATION PROVIDED BY OTHERS. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

LLI ENGINEERING		PROJECT NUMBER
6000 BROOKTREE ROAD, SUITE 300 WEXFORD, PA 724 934-8800		20070085

	13/01/10	RECORD DRAWING	
	09/09/08	ADDENDUM NO. 1	
1	09/03/08	ISSUED FOR CONSTRUCTION	
NO.	DATE	REVISION	APPR.

SUBMITTED	
PROJECT DESIGNER	PROJECT COORDINATOR
APPROVED	
CHIEF - DIVISION OF DESIGN	
APPROVED	
DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION	

COMMONWEALTH OF PENNSYLVANIA	
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES	
OFFICE OF PARKS AND FORESTRY	
PROJECT NO: FDC-133-4494	
APPLICABLE CONTRACT NO'S.	

GENERAL:	PLUMBING:
HVAC:	ELECTRICAL: FDC-133-4494.4
ROADWAY:	

THE INN AT BALD EAGLE STATE PARK
HOWARD AND LIBERTY TOWNSHIP,
CENTRE COUNTY, PENNSYLVANIA

FIRE ALARM RISER DIAGRAM

DRAWN BY: RYM	DATE: 09-03-08	DRAWING NO.:
CHECKED BY: JGB	SCALE: AS NOTED	FA3.0