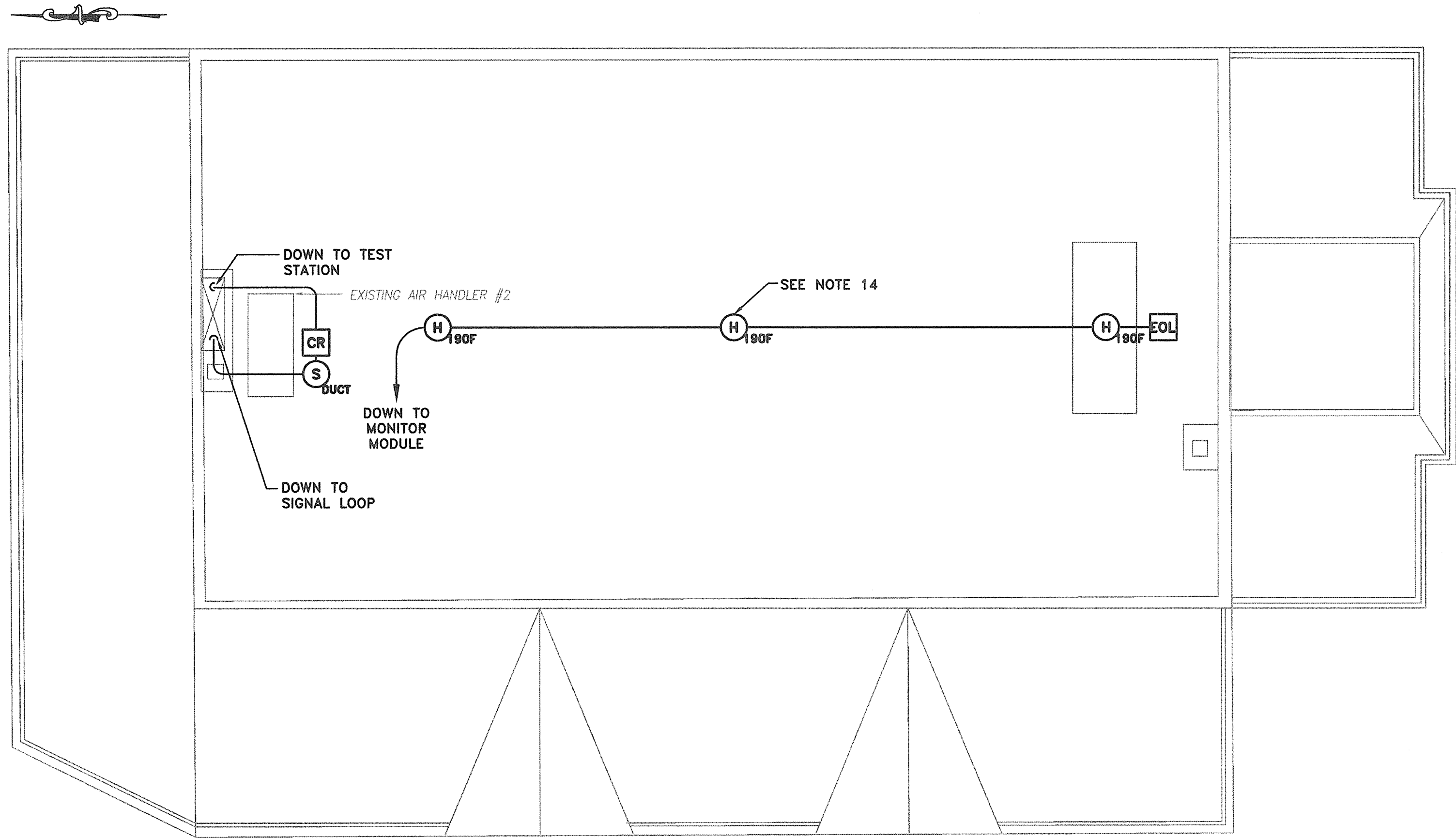



SECOND FLOOR PLAN



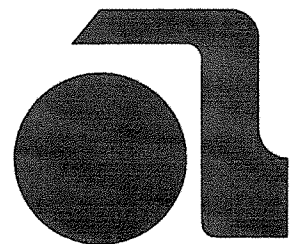
ATTIC PLAN

GENERAL INSTALLATION NOTES:

- ALL DEVICES TO BE INSTALLED AS PER MANUFACTURER'S DIRECTIONS AND THE REQUIREMENTS OF NFPA 72.
- CALL BOXES TO BE INSTALLED 42" ABOVE THE FLOOR WITHIN 5 FEET OF EACH OUTSIDE EXIT. ALL CALL BOXES TO BE DOUBLE ACTION TYPE.
- NOTIFICATION DEVICES TO BE INSTALLED BETWEEN 80 AND 96" ABOVE FLOOR.
- AUDIBLE DEVICES SHALL BE SET TO PROVIDE SIGNAL AT LEAST 15dB ABOVE AMBIENT NOISE LEVELS.
- PROVIDE END OF LINE TERMINATIONS WHERE REQUIRED.
- PROVIDE DUCT MOUNTED SMOKE DETECTOR FOR AIR HANDLING UNIT AND PROVIDE REMOTE TEST STATION INSTALLED 48" ABOVE FLOOR FOR EACH DETECTOR INSTALLED.
- ALL WIRING IN PUBLIC DISPLAY AREA SHALL BE CONCEALED WHEREVER POSSIBLE. ANY EXPOSED WIRING IN THIS AREA SHALL BE IN SUITABLE SURFACE MOUNTED (WIREMOLD) RACEWAY.
- EXPOSED WIRING IN MECHANICAL AREAS SHALL BE IN EMT.
- CONCEALED WIRING IN ATTIC AREA SHALL BE EITHER EMT OR MC CABLE SPECIFICALLY UL LISTED FOR FIRE ALARM USE.
- WIRING SHOWN IS SCHEMATIC ONLY. RACEWAYS AND CONDUCTORS TO BE INSTALLED IN A NEAT WORKMANLIKE MANNER AND SHALL NOT DETRACT FROM THE HISTORIC NATURE OF THE FACILITY.
- THIS DRAWING SHOWS GENERAL LOCATION OF DEVICES ONLY. DEVICES MAY BE MOVED TO AVOID CONFLICTS WITH STRUCTURAL ELEMENTS SUBJECT TO ENGINEER APPROVAL.
- ALL RACEWAY PENETRATIONS THROUGH WALL FLOORS OR CEILINGS TO BE SEALED SO AS TO MAINTAIN THE ORIGINAL FIRE RATING.
- SEE SHEET FA103 FOR CONDUCTOR REQUIREMENTS.
- MOUNT HEAT DETECTORS THREE FEET FROM PEAK OF ATTIC.


APPROVED:   
**Richard A. Alaimo**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 13195

REVISIONS	DATE	BY



**ALAIMO GROUP**  
Consulting Engineers  
NJDC 24GA27988400  
200 HIGH STREET MOUNT HOLLY, N.J.  
2 MARKET STREET PATERSON, N.J.

NEW FIRE ALARM SYSTEM AT CHURCH STORE BUILDING
DEVICE LOCATION PLANS SECOND FLOOR AND ATTIC
SCALE: 1/4" = 1'-0"

CLIENT: <b>COUNTY OF UNION</b>	DATE: <b>APR. 2013</b>	SHEET <b>FA-102</b>
PROJECT LOCATION: TOWNSHIP OF BERKELEY HEIGHTS UNION COUNTY NEW JERSEY	RAA PROJECT NO.: <b>A-0530-0017-001</b> PROJECT NO.: <b>2010-024</b>	DRAWN BY: <b>SDR/MAC</b> CHECKED BY:  DEPT. HEAD: 