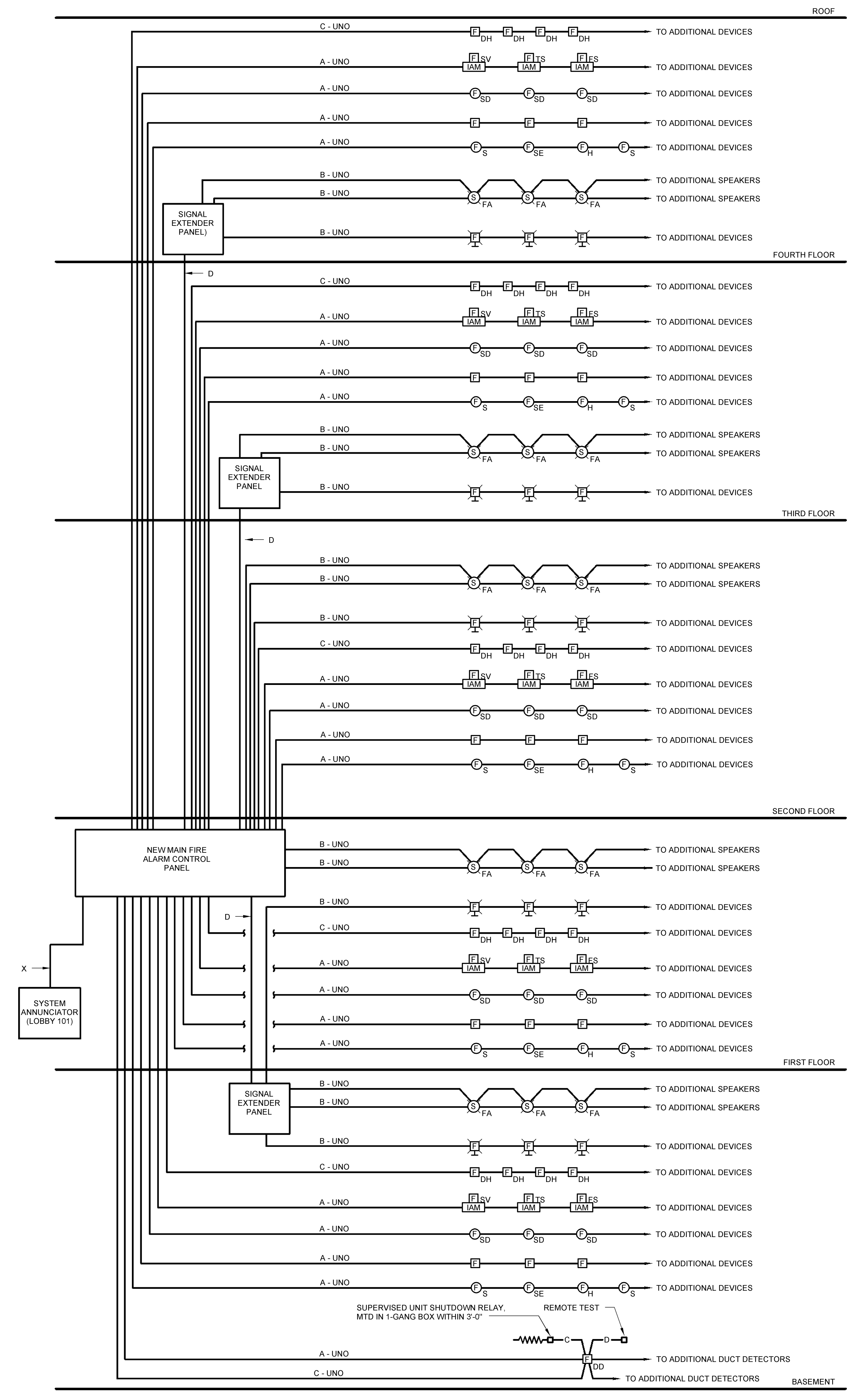


1 TELECOMMUNICATIONS RISER DIAGRAM
NOT TO SCALE

- CABLE LEGEND**
- THREE EMPTY 4" CONDUITS WITH NYLON PULLCORDS FOR BUILDING TELECOMMUNICATIONS SERVICE CABLING PROVIDED BY OTHERS
 - 24 STRAND MULTIMODE AND 24 STRAND SINGLE MODE FIBER OPTIC CABLE
 - CAT 6 CABLE(S) TO TELECOMMUNICATIONS OUTLET REFER TO DATA SCHEDULES FOR QUANTITIES
 - ONE (1) 4" CONDUIT WITH PULLCORD TO FIBER DEMARC LOCATION
 - ONE (1) 4" CONDUIT WITH PULLCORD TO 400 PAIR 110 BLOCK
 - ONE (1) 4" SPARE CONDUIT WITH PULLCORD EXTEND 6' INTO MDF ROOM AND CAP WITH INSULATED BUSHING
 - 72 STRAND MULTIMODE AND 72 STRAND SINGLE MODE FIBER OPTIC CABLE COORDINATE WITH OWNER ON EXACT QUANTITY REQUIRED
 - 100 PAIR, HIGH PAIR COUNT, CATEGORY 3 VOICE GRADE COPPER CABLING
 - 50 PAIR, HIGH PAIR COUNT, CATEGORY 3 VOICE GRADE COPPER CABLING

- NOTES:**
- NUMBER OF RACKS SHOWN FOR DIAGRAMMATICAL PURPOSES ONLY. SEE FLOOR PLANS FOR NUMBER OF RACKS REQUIRED IN EACH TELECOMMUNICATIONS ROOM.
 - EG SHALL PROVIDE ALL COPPER TO FIBER PATCH CORDS REQUIRED.
 - CABLING WITHIN MDF/IDF ROOM SHALL BE ROUTED VIA CABLE TRAY SYSTEM WITHIN ROOM.



2 FIRE ALARM SYSTEM RISER DIAGRAM
NOT TO SCALE

- WIRE AND CONDUIT LEGEND:**
- A 1 #18 (TWISTED/SHIELDED PAIR) -3/4"
 - B 2 #12 (THHN) -3/4"
 - C 2 #14 (THHN) -3/4"
 - D 4 #12 (THHN) -3/4"
 - X 1 #18 (TWISTED/SHIELDED PAIR) AND 2 #14 (THHN) -3/4"

- NOTES:**
- WIRING SHOWN IS FOR DIAGRAMMATICAL AND BIDDING PURPOSES ONLY. ONLY MANUFACTURED RECOMMENDED CABLING SHALL BE PROVIDED.
 - SEE FLOOR PLANS FOR EXACT QUANTITY OF DEVICES REQUIRED.

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 STATE OF PENNSYLVANIA

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REVISIONS		
No.	ITEM	DATE
1		3/7/2014

PROJ. NO.: 0810123.05
 DATE: NOVEMBER 19, 2013
 SHEET NO.:

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