

ALAN & KATHY HENDERSON SMOKE/CO ALARM PLAN

3315 Old Plantation Way
Maryville, TN 37804

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50 FRESH MEADOW RD. WEST HAVEN, CT 06516

SMOKE ALARM REQUIREMENTS:

- COMBO SMOKE/CO ALARMS SHALL BE INSTALLED IN THE LOCATIONS AS INDICATED ON THESE DRAWINGS.
- COMBO SMOKE/CO ARE REQUIRED IN EACH BEDROOM, GARAGE THAT CONTAINS OCCUPIED SPACES ABOVE GARAGE, IN THE IMMEDIATE HALL WAY OF EACH BEDROOM AND IN CLOSE PROXIMITY TO GAS FIRED APPLIANCES AND EQUIPMENT.
- NO MORE THAN 24 DETECTORS SHALL BE CONNECTED TO A SINGLE CIRCUIT PER MANUFACTURE.
- ANY SMOKE/CO ALARM THAT SOUNDS SHALL ACTUATE SOUNDERS THROUGHOUT. (MULTI-STATION ALARMS)
- ALL SMOKE/CO ALARMS SHALL BE INSTALLED ON THE CEILING WITHIN 30' OF ANY POINT ON A CEILING.
- SMOKE/CO ALARMS ARE CALCULATED AS 1 ALARM CAN COVER 500 SQ FT.
- SMOKE/CO ALARMS INSTALLED IN A KITCHEN SHALL BE AT LEAST 78" FROM ANY STATIONARY COOKING APPLIANCE.




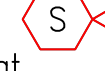
WIRING:

- JUNCTION BOXES ARE STRICTLY PROHIBITED. WIRING SHALL BE FROM BOX TO BOX WITH NO SPLICING IN BETWEEN.
- WIRING SHALL BE 14/3 NON METALLIC CABLE.
- SPLICES IN BOXES BEHIND EACH SMOKE/CO SHALL BE CONNECTED WITH U.L LISTED WIRE NUTS.
- CIRCUIT SHALL BE A DEDICATED BRANCH CIRCUIT.
- CIRCUIT SHALL BE LABELED "SMOKE/CO ALARM CKT." ON DISTRIBUTION PANEL DIRECTORY.
- A BREAKER LOCK SHALL BE INSTALLED ON THE CIRCUIT BREAKER.

SECURING & SUPPORT:

- NON METALLIC CABLE SHALL BE SECURED BY A NON METALLIC STAPLE WITHIN 12" OF THE BOX AND AT INTERVALS NOT EXCEEDING 4'-1/2" PER NFPA-70.
- ALL BOXES SHALL BE SECURELY MOUNTED IN ACCORDANCE WITH NFPA-70.

DRAWING LIST	
FA0.1	COVER SHEET
FA0.2	DETAILS
FA1.0	MAIN LEVEL
FA2.0	BONUS LEVEL
FA3.0	RISER DIAGRAM

MANUFACTURE: KIDDIE				
SYMBOL	QTY	DESCRIPTION	PART NUMBER	MOUNTING NOTES
Smoke 	6	SMOKE DETECTOR	KIDDE LITHIUM i9010 OR EQUIVALENT	CEILING MOUNT PER CODE.
Smoke/CO 	5	COMBO SMOKE/CO DETECTOR	KIDDE LITHIUM P3010CU #12010SCO OR EQUIVALENT	CEILING MOUNT PER CODE.
Smoke/Kitchen 	1	COMBO SMOKE/CO KITCHEN DETECTOR	KIDDE LITHIUM P3010K-CU #21009667 OR EQUIVALENT	CEILING MOUNT PER CODE, MINIMUM 10' FROM COOKING APPLIANCE
Heat 	2	HEAT DETECTOR	KIDDE 9V HD135 OR EQUIVALENT	CEILING MOUNT PER CODE.
PARTS LIST DOES INCLUDE BACK BOXES. FIELD VERIFY				

DESIGNER: Joseph Montuori, SET	DATE 7-28-20
DRAWN BY: Joseph Montuori, SET Nicet Certified Engineering Technician (Level IV Fire Alarm Systems)	DATE 7-28-20
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DESIGNER SIGNATURE: <i>Joseph Montuori</i>	
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UPDATED - 7/23/20 by ARH

- Removed Smoke/CO from HVAC/Crawl Space access room
- Moved Riser to Equipment Room



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