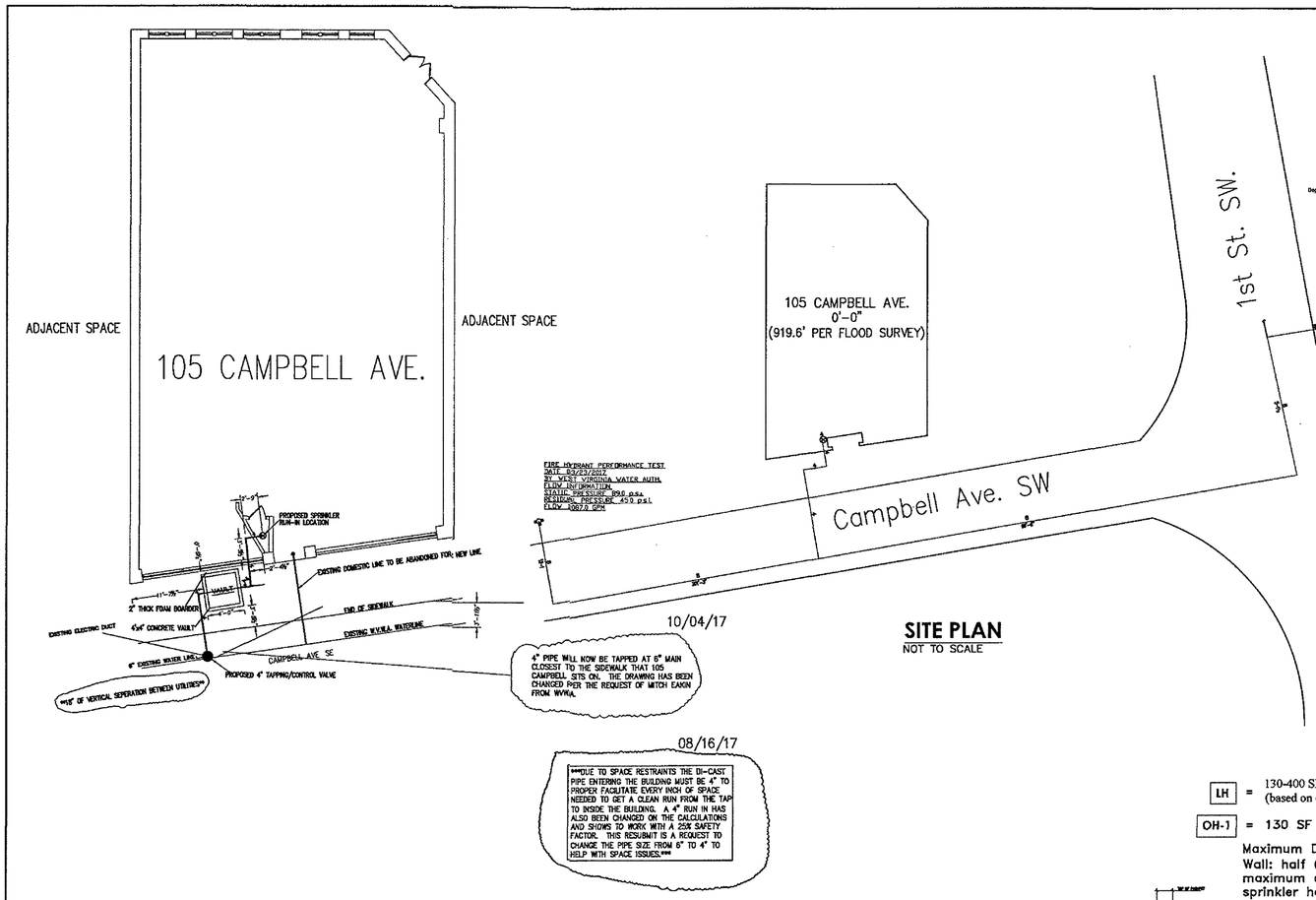
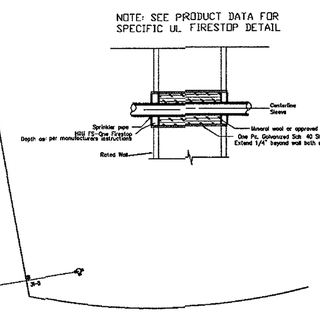
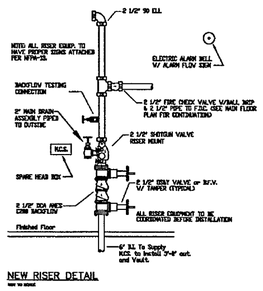
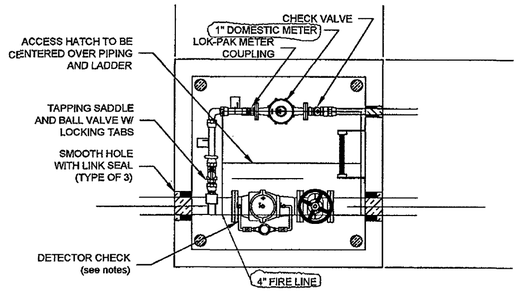


SITE PLAN
NOT TO SCALE





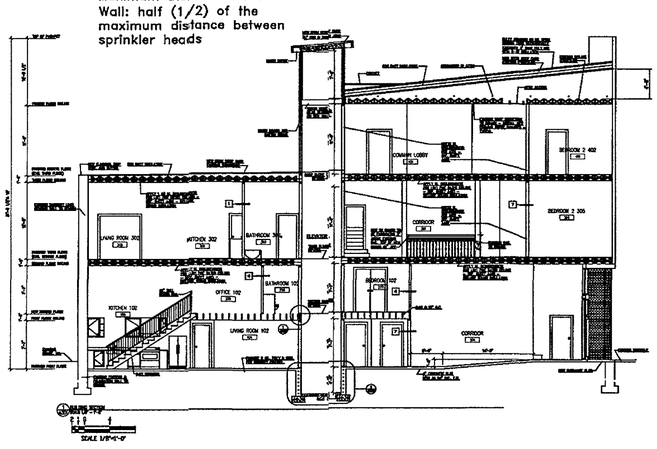


COMMERCIAL METER VAULT
1"=1' SCALE
INFORMATION FOR VAULT IS PROVIDED WITH SUBMITTAL

LH = 130-400 SF per head (based on obstructions and flow calcs)

OH-1 = 130 SF per head

Maximum Distance from Wall: half (1/2) of the maximum distance between sprinkler heads



AREA CALCULATIONS

FIRST FLOOR EXISTING	4,188 S.F.
FIRST FLOOR RENOVATION	4,188 S.F
SECOND FLOOR ADDITION	1,786 S.F.
THIRD FLOOR EXISTING	4,268 S.F.
THIRD FLOOR RENOVATION	4,268 S.F.
FOURTH FLOOR EXISTING	2,220 S.F.
FOURTH FLOOR RENOVATION	2,220 S.F.
TOTAL EXISTING	10,676 S.F.
TOTAL ADDITION	1,786 S.F.
TOTAL RENOVATION	10,676 S.F.
TOTAL AREA	12,462 S.F.

CONTRACTOR INFORMATION

CONTRACTOR: ALAM PROPERTIES
ADDRESS: 1360 ROANOKE RD. DALEVILLE, VA 24083
PHONE: (540) 966-3635
FAX: (540) 966-3634

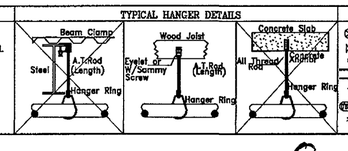
JOB NORTH

HEAD LEGEND

QTY.	SYM.	MAKE	FINISH	TEMP	K	NPT	MFG.	MODEL	SIN No.	ESCUTCHEON
79	○	UPRIGHT	BRASS	155°	4.9	1/2"	VIKING	FREEDOM	VK467	N/A
4	⊠	UPRIGHT	BRASS	175°	4.9	1/2"	VIKING	FREEDOM	VK467	N/A
18	◉	PENDENT	CHROME	155°	4.9	1/2"	TYCO	LF1	TY2234	CHROME S. RECESS
8	⊠	PENDENT	CHROME	175°	4.9	1/2"	TYCO	LF1	TY2234	CHROME S. RECESS
2	◄	SIDEWALL	BRASS	175°	4.2	1/2"	TYCO	LF1	TY3234	N/A
0	TOTAL THIS SHEET								PROJECT TOTAL	110

1. ALL PIPE 2" AND SMALLER TO BE SCHEDULE 10 AND/OR 40 STEEL PIPE. PIPE 2-1/2" AND LARGER TO BE SCHEDULE 10 THINWALL.
2. ALL SPRINKLER SYSTEM MATERIALS TO BE U.L. LISTED AND/OR FACTORY MUTUAL APPROVED.
3. PIPE HANGERS TO BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13.
4. IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE AND MAINTAIN HEAT IN ALL AREAS OF SPRINKLER SYSTEM SUBJECT TO FREEZING.
5. PAINTING AND PATCHING BY OTHERS.
6. ELECTRICAL WIRING BY OTHERS.
7. SPRINKLER HEADS ARE NOT REQUIRED TO BE CENTERED IN CEILING TILES.

TYPICAL HANGER DETAILS



SYMBOL LEGEND

- SYSTEM RISER – SEE RISER DETAIL
- SYSTEM CONTROL VALVE
- PIPE RISE OR DROP
- NEW PIPE
- EXISTING PIPE
- PIPE HANGER
- GROOVED COUPLING
- 8" 1 8" PIPE CENTERLINE ABOVE FINISHED FLOOR
- * DISTANCE BELOW DECK IN INCHES TO CENTERLINE OF PIPE
- (H1) HYDRAULIC NODE OR REFERENCE POINT
- PIPE CAP
- A11 SPRINKLER MAIN LINE PIPE TAG
- B3 SPRINKLER BRANCH LINE PIPE TAG
- DCDC BACKFLOW PREVENTER W/ TAMPER SWITCHES
- FIRE DEPARTMENT CONNECTION
- 11'-0" ACTUAL CUT LENGTH OF PIPE
- 7'-0" DIMENSION FROM STEEL OR WALL

REVISIONS

DATE	DESCRIPTION	BY
10/31/2017	ELEVATED AREA CHANGED FOR DETAIL "HEDGE" EARLIER FROM NOTES.	C.J.R.
08/16/17	ELEVATED AREA TO SHOW CHANGE IN PIPE SIZE REMARK INTO THE RISER.	C.J.R.
10/04/17	ELEVATED AREA TO SHOW CHANGE OF WATER TAP AND CONNECTING AT THE STREET	C.J.R.

Magic City Sprinkler, Inc.
1801 GRANDY STREET N.E. ROANOKE, VIRGINIA 24012 (540)345-2818

105 CAMPBELL AVE.
105 CAMPBELL AVE.
ROANOKE, VA 24011

NEW WET PIPE SYSTEM

Drawn by C.ROSEBERRY	Permit # –	Insp.Tel.#
Checked by:	File name#105 CAMP	Job no. 7282-17
Scale: 1/8"=1'-0" UNO	Date: 05/10/17	Sheet 1 of 2

NICET CERTIFIED
DENNIS W. HAYES
CERTIFICATION NO 155098
CERTIFICATION LEVEL 3
SENIOR TECHNICIAN
MAGIC CITY SPRINKLER, INC

Per plan

AS Built - Brian Whitenack DATE- 10-18-17