

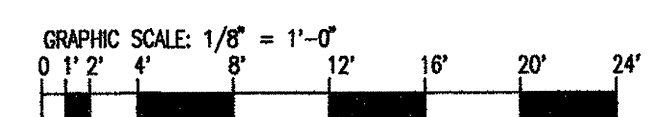
REMOTE AREA NO. 1  
10 GPM OVER 1,500 SQ. FT.  
57.8 PSI @ 180.5 GPM  
REQUIRED AT THE BASE OF RISER

- NOTES:
- DEFLECTOR OF UPRIGHT HEADS TO BE LOCATED 1" TO 1/2" FROM BECK.
  - LOOP EARTHQUAKE BRACING AROUND TOP CHORD OF JOISTS.
  - HANG PIPING USING APPROPRIATE CONFIGURATION AS FIELD CONDITIONS DICTATE.
  - RUN ALTHREAD ROD TO WITHIN 1/16" OF TOP OF PIPE AS PER NFPA 13-2002 REQUIRES.
  - HEADS TO BE LOCATED A MINIMUM OF 4" FROM ANY WALL.

**SECOND FLOOR FIRE PROTECTION PLAN**  
SCALE: 1/8" = 1'-0"  
19,219 S.F.

**GENERAL NOTES**

- THIS BUILDING WAS SPRINKLERED WITH A WET GRIDDED SYSTEM ON BOTH FLOORS. IT WAS DESIGNED LIGHT HAZARD, 10 GPM OVER THE MOST REMOTE 1,500 SQ. FT. WITH A TOTAL HOSE ALLOWANCE OF 100 GPM.
- PIPING 2" AND SMALLER TO BE BLACK SCHEDULE 40 TO BE USED WITH SHOP WELDED, GROOVED OR CAST IRON CLASS 125 SCREWED FITTINGS.
- ALL PIPING 2 1/2" AND LARGER TO BE BLACK SCHEDULE 10 TO BE USED WITH SHOP WELDED OR GROOVED FITTINGS.
- ALL PIPING AND EQUIPMENT TO BE U.L. LISTED FOR USE IN FIRE PROTECTION SYSTEMS.
- PIPING TO BE HUNG PER NFPA 13-2002 EDITION.
- PIPING TO BE EARTHQUAKE BRACED PER NFPA 13-2002 EDITION.
- ABOVE GROUND PIPING TO BE FLUSHED AND TESTED PER NFPA 13-2002 EDITION.
- UNDER GROUND PIPING TO BE FLUSHED AND TESTED PER NFPA 14 AND A COPY OF THE TEST CERTIFICATE TO BE PROVIDED TO FIRE TECH SERVICES PRIOR TO CONNECTION TO UNDERGROUND.
- ALL FIRE WALLS TO BE CAULKED AND SEALED PER NFPA 13-2002.



DROPS CHART

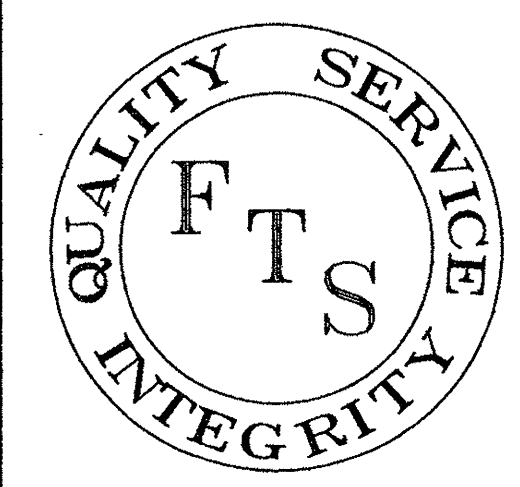
A	1 X 3-8	w/ 1 X 1/2	RED COUP 6
B	1 X 2-8	w/ 1 X 1/2	RED COUP 3
C	1 X 3-2	w/ 1 X 1/2	RED COUP 4

SPRING-UP CHART

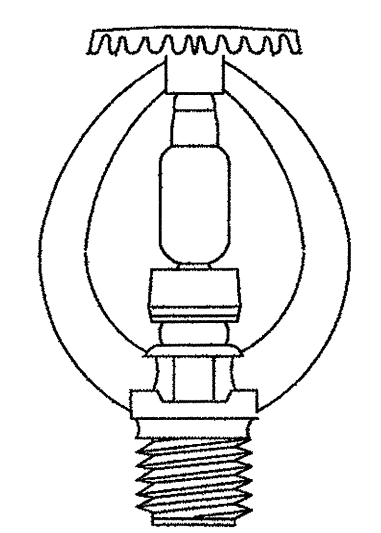
D	1 X 0-10	w/ 1 X 1/2	RED COUP 101
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Richard L. McDermott  
S.C. Lic.#1190 BFS 8851 FSQE

Stanley M. Wisneski  
S.C. Lic.#1190 BFS 9223 FSQE



REV. NO.	DATE	BY	DESCRIPTION



SIN NO.	SYMBOL	SIZE	STYLE	MAKE	FINISH	MODEL	TEMP	K-FACTOR	TOTAL
TY3131	○	1/2	UPRIGHT	TYCO	BRASS	TY-FRB	155	5.6	100
TY3131	○	1/2	UPRIGHT	TYCO	BRASS	TY-FRB	200	5.6	2
TY3231	●	1/2	SSP-401	TYCO	CHROME	TY-FRB	155	5.6	13
TOTAL SPRINKLERS SHOWN ON THIS SHEET									115
TOTAL SPRINKLERS REQUIRED ON THIS CONTRACT									115

**FIRE TECH SERVICES, INC.**

480 D JESSEN LANE  
WANDO, SOUTH CAROLINA 29492  
PHONE 843-216-1234 FAX 843-216-1400

PROJECT: OFFICES AT BELLE HALL  
LONG POINT ROAD  
MT. PLEASANT, SC  
Choote Construction - Marshall Gesling (843) 284-9047

Date: 12-21-2005  
Scale: 1/8" = 1'-0"  
Job No. 02-005-030  
Drawn By Dan Cove  
Sheet No. FP2 OF FP2