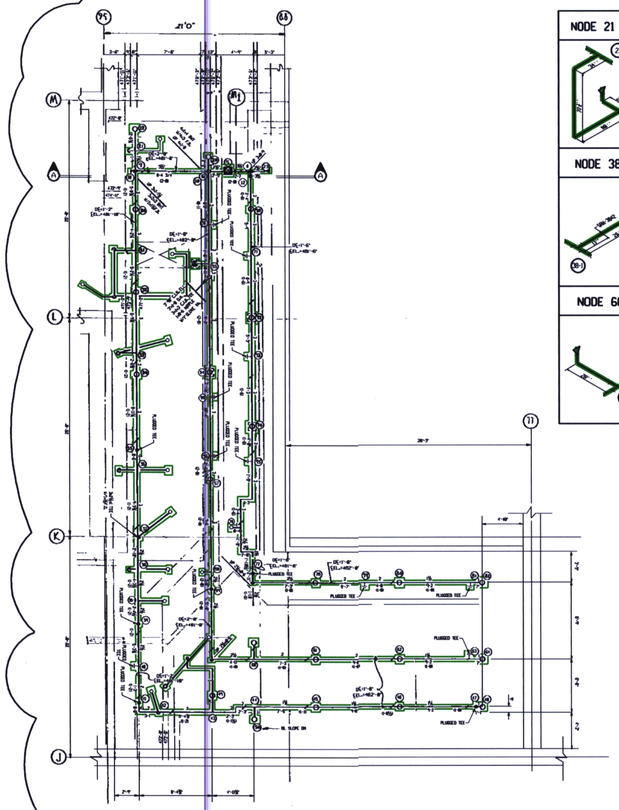


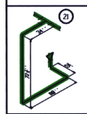
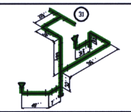
AUXILIARY BUILDING PLAN VIEW
ELEV. 463'-0" PRE-ACTION SYSTEM "AS-FO"

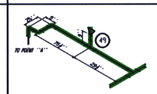
(38) (38) ASCOA 38E W/ NOMINAL ORIFICE, 1/2" N.P.T., X-S.B. W/ HEAD GUARDS.

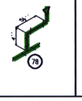
(6) (1.75) GEM "PROTECTOSPRAY" 3/8" ORIFICE, 1/2" N.P.T., X-2.BL W/ BAFFLE PLATES

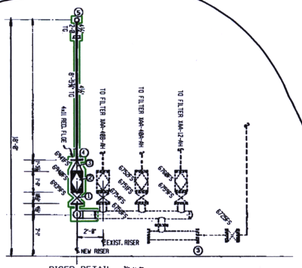
SKCCLIST "C" PAINT MARK "YELLOW"

CABLE TRAY SPRINKLER DROP LEGEND
NOTE: DROP * IS ALSO BR. LINE *
ALL DROP PIPE IS 1"Ø

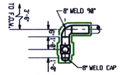
NODE 21	NODE 31	NODE 33	NODE 36	NODE 37	NODE 38
					

NODE 38-1	NODE 42	NODE 43	NODE 53	NODE 58
				

NODE 60	NODE 76	NODE 78			
					

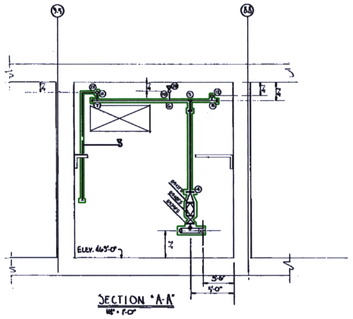


RISER DETAIL 3/4"=1'-0"

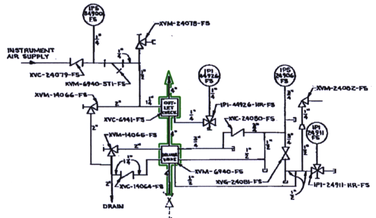


PLAN VIEW

(1) *4"XNFS - OS & Y SYSTEM CONTROL VALVE
(2) *6"NHFS - 6" SUPROTEX PRE-ACTIONS VALVE W/O MERCURY CHECK W/ ELECTRIC RELEASE 125 V.D.C. W/TIMERS AIR SUPPLY W/ DOUBLE WEIGHT SWITCH W/O RED LIGHT B.P. W. 79 OEB-G-L W/O EXPLOSION PROOF DEVICES, W/O BREAK GLASS BOX FOR MANUAL PULL HANDLE.
(3) *6"HFS - 6" FLANGED, RUBBER FACED SWING CHECK VALVE.

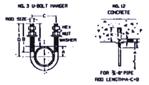


SECTION "A-A"
1/8"=1'-0"



SCHEMATIC DIAGRAM FOR DELUGE VALVE NO. XVM-6940-1FS

NOTES:
1. ALL BRANCH LINE HGRS TO BE *12 CONCRETE
2. ALL MAIN LINE HGRS TO BE *12 CONCRETE
3. SUPPORTS ARE ANTI-FALLDOWN PER TRP-18.
4. PRE-ACTION SYSTEM DESIGNED TO PROVIDE .3 GPM PER FT OF AREA.
5. IONIZATION DETECTION IS BY OTHERS
6. FITTINGS TO BE C.I.B.
7. PIPE TO BE ASTM A-120, BLACK.



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DRAWING LEGIBILITY CLASS 2
SCEAG CAD ENHANCED

PIPE AND SPRINKLER TOLERANCES ARE WITHIN THE LIMITATION AS DEFINED BY NFPA 13.

NO.	DATE	BY	REVISION	CHG. BY	APPROVAL
6	09/09/94	JTS	REVISED PER MRF-34886	MGR	JMG
5	01/05/94	SRM	REVISED PER CCSS-94-0247	RHM	MGR

PLEX Drawing TR00160-004

AUXILIARY BLDG. EL. 463'-0"
PRE-ACTION SPRINKLER SYSTEM

VENDOR DRAWING NO. AUTOMATIC SPRINKLER SW44-85151

DESIGN ENGINEERING

V. C. SUMMER NUCLEAR STATION, JENKINSVILLE, S.C.

DRAWN BY	CHECKED BY	LEAD ENGINEER
SRM	MGR	JMG

DRAWING NUMBER: 1MS-55-137 | SHT. NUMBER: 4 | REV: 6