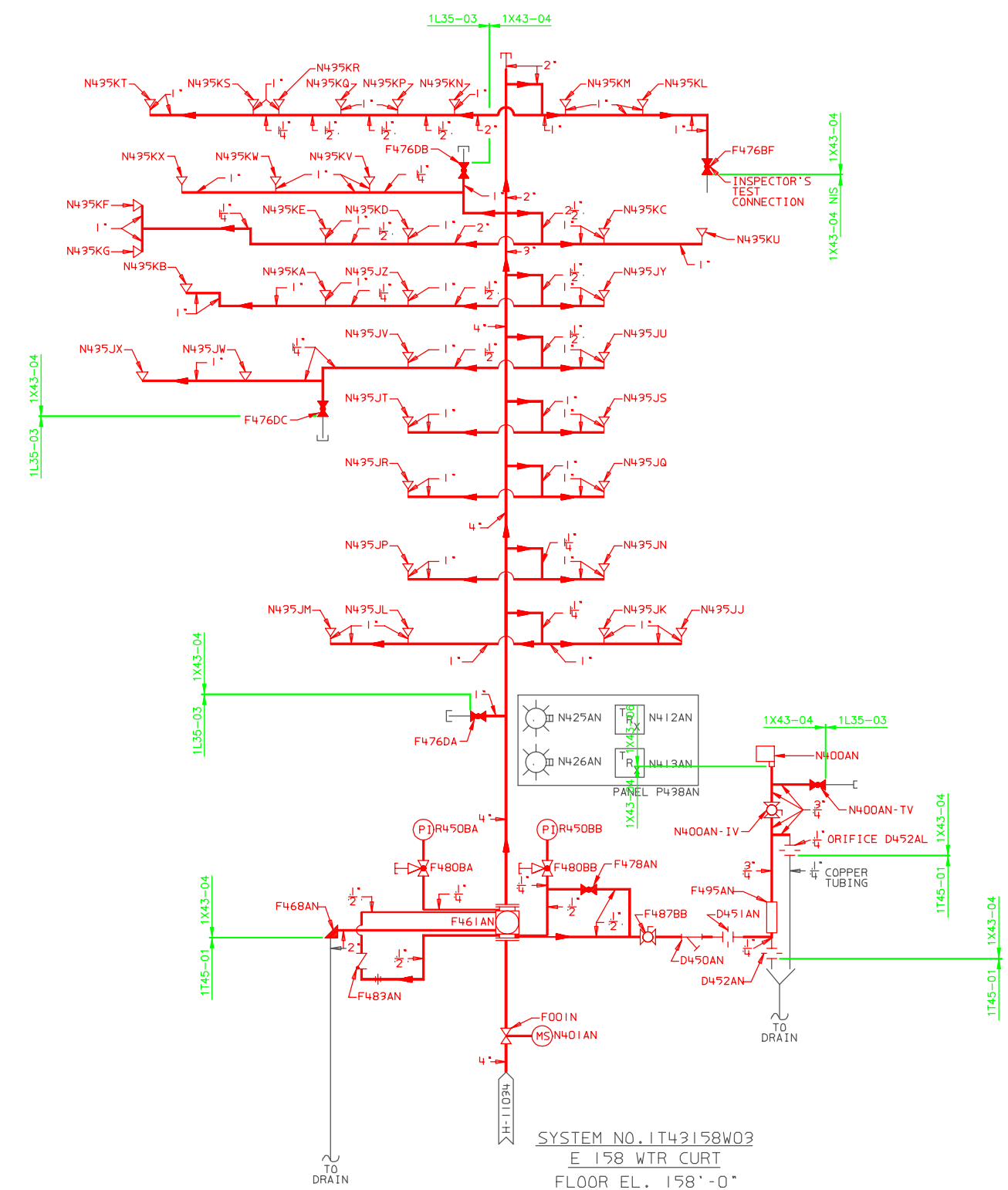


A
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H
J



SYSTEM NO. 1T43158W03
 E 158 WTR CURT
 FLOOR EL. 158'-0"

- LEGEND:**
- GATE VALVE (N.O.)
 - GATE VALVE (N.C.)
 - ANGLE VALVE (N.C.)
 - CHECK VALVE
 - BALL VALVE (N.C.)
 - BALL VALVE (N.O.)
 - SIDE OUTLET GLOBE VALVE
 - ALARM VALVE
 - UPRIGHT SPRINKLER HEAD
 - SPRINKLER CANOPY
 - ORIFICE
 - FLOW DIRECTION
 - UNION
 - STRAINER
 - DRIFT FUNNEL
 - CAP
 - PLUG
 - CONCENTRIC REDUCER
 - RETARD CHAMBER
 - MONITOR SWITCH
 - PRESSURE INDICATOR
 - PRESSURE SWITCH
 - GLOBE VALVE (N.C.)
 - INDICATING LIGHT
 - ADDRESSABLE INTERFACE MODULE

- NOTES:**
1. THE DESIGN OF THIS WET-PIPE SPRINKLER SYSTEM INCLUDES THE FOLLOWING HYDRAULIC DEMAND WHICH INCLUDES 250 GPM FOR INSIDE HOSE AND 750 GPM FOR OUTSIDE HOSE. DEMANDS: 1989.1 GPM AT 127.1 PSI FOR A DENSITY OF 0.3 GPM/SQ FT.
 2. THIS SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH 1/2" ORIFICE AT A TEMPERATURE RATING OF 212°F AND INCLUDES THE FOLLOWING TYPE AND QUANTITY: UPRIGHT, SSU-95 HEADS.
 3. ALL MPL NUMBERS TO BE PRECEDED BY 1T43.

- REFERENCES:**
- A-42147----- HANGER DRAWINGS
 - A-42148----- VENDOR DEVIATIONS AND CODE DEVIATIONS
 - A-42155----- TRIM PIPING DETAIL
 - B-11829----- FIRE PROTECTION FCD E158 WTR CURT 1T43158W03
 - H-11034----- FIRE PROTECTION-P&ID-REACTOR AND RADWASTE BUILDINGS
 - H-11869----- EQUIPMENT LAYOUT DRAWING FIRE PROTECTION/SUPPRESSION MULTIPLEX SYSTEM 1T43 REACTOR BUILDING-EL. 158'-0"
 - H-42145----- FIRE PROTECTION-PPG-SYSTEM 1T43158W03-ISOMETRIC-FL EL. 158'-0"
 - H-42146----- FIRE PROTECTION-PPG-SYSTEM 1T43158W03-PLAN-FL EL. 158'-0"

LICENSE RENEWAL DOCUMENT

MPL NO. 1T43 ACAD14 HL40395

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
 FIRE PROT - P&ID -
 REACTOR BLDG - FL EL. 158'-0" -
 EAST 158 WATER CURTAIN

DATE	BY	SCALE	LOCATION	DOCUMENT NUMBER	REVISION
	TRM	LCF			
	TRM	None	10-502	HL-40395	A

BOUNDARY DIAGRAM NO.: 1X43-B01-28

FUNCTION(S) NO.: 1X43-04
 1X43-06

PREPARED BY: M D STEPHENS
 DATE: 2/5/98
 REVIEWED BY: ALEX MORRISON
 DATE: 7/13/98

Revision: A Date: 10-26-99
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BY: TRM DATE: TRM MDS ASK