

FIRST ANGLE PROJECTION

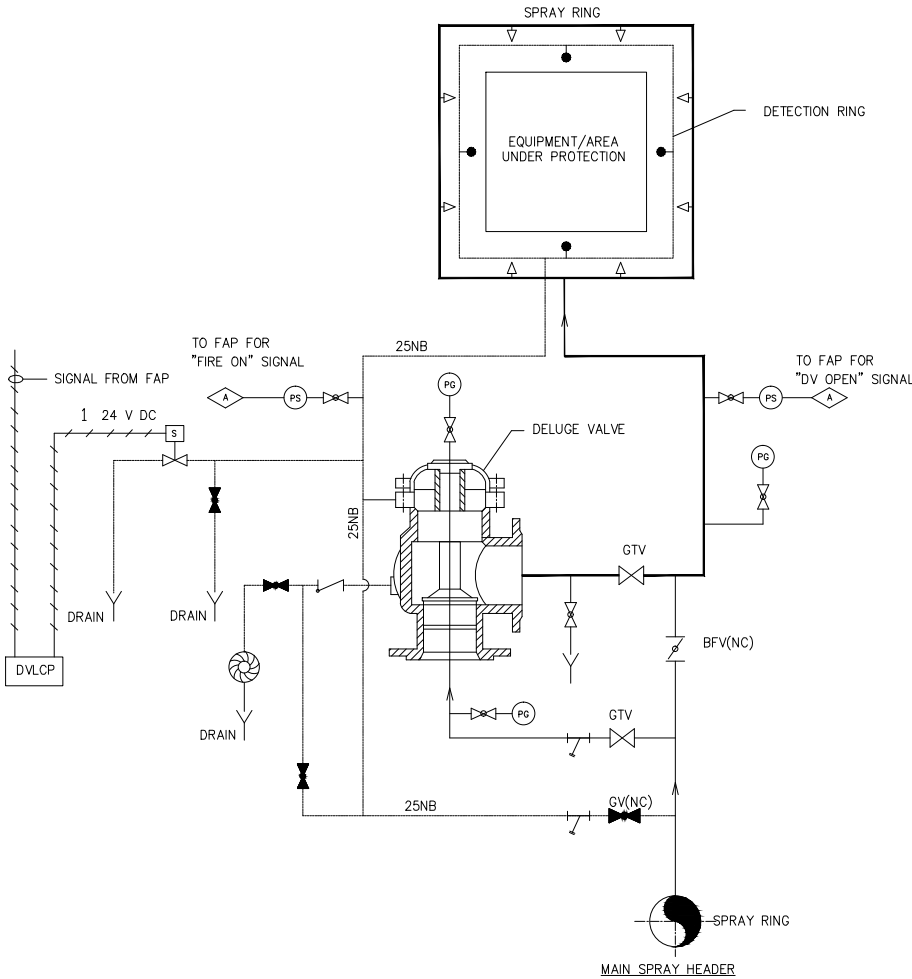
(ALL DIMENSIONS ARE IN mm)

DRG. NO. 3-38316-00005

SH. 01 OF 01

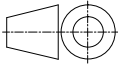
LEGEND:

	SPRAY LINE		DRAIN
	CONTROL CABLE		PRESSURE SWITCH
	WET DETECTION PIPE		PRESSURE GAUGE
	SOLENOID VALVE		MULTISENSOR DETECTOR
	GLOBE VALVE-NORMALLY OPEN		LINEAR HEAT SENSOR
	GLOBE VALVE-NORMALLY CLOSED		INFRA RED DETECTOR
	NON RETURN VALVE		PUSH BUTTON STATION
	"Y" TYPE STRAINER		QUARTZOID BULB DETECTORS
	ANNUNCIATION IN FIRE ALARM PANEL		WATER MOTOR GONG
	BUTTERFLY VALVE		
	GATE VALVE		



AUTOMATIC HVW SPRAY SYSTEM(TYP)
REFER TABLE-1

TABLE-1 EQUIPMENTS TO BE PROTECTED BY HVWS SYSTEM	
SN	DESCRIPTION
1	4 NOS OF SINGLE PHASE GENERATOR TRANSFORMER
2	3 NOS OF UNIT TRANSFORMER
3	TURBINE LUBE OIL TANK AND PURIFIER
4	BOILER BURNER FRONT
5	TURBINE OIL CANAL PIPELINE
6	GENERATOR SEAL OIL SYSTEM
7	LUBE OIL CONSOLE FOR TURBINE DRIVEN BFP

CUSTOMER	 TELANGA STATE POWER GENERATION CORPORATION LTD.									
PROJECT	4 x 270 MW MANUGURU THERMAL POWER PLANT									
 BHARAT HEAVY ELECTRICALS LTD. HYDERABAD PROJECT ENGG & SYSTEMS DIVISION		NAME	SIGN.	DATE	NO.OF VAR.					
	DRN.	AMIT	—sd—	30.05.15	—N.A.—					
	CHD.		—sd—	30.05.15						
	APPD.	KGUNJAN	—sd—	30.05.15						
DEPT. I.T.D.	UNTOL. DIMS. GR. C/M/F		SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS			
CODE 415					—N.A.—	—N.A.—	—N.A.—			
TITLE				CARD CODE N.A.	DRAWING NO.		REV.			
P&ID FOR HVW SPRAY SYSTEM					3—38316—00005		02			
					SHT. No 01	NO. OF SHT. 01				