



- 1) All dimensions are in mm unless otherwise specified.
- 2) System design is based on NFPA 15 / TAC.
- 3) Minor modification may be done during erection to suit site condition.
- 4) Pylon locations and supporting arrangements shown are tentative only and may be vary as per actual site condition during erection.
- 5) All pipes after deluge valve shall be G.I. medium grade as per IS:1239. Part-I
- 6) Pylon support shall be M.S. light grade as per IS:1239. Part-I
- 7) All fittings shall be as per IS:1239. Part-II, heavy grade threaded type, no welding shall be allowed on GI pipe.
- 8) minimum density of discharge will be 10.2 lpm/sq.m. of surface area.
- 9) Spray pipe shall be grounded properly.
- 10) Detector temperature rating is 79°C, being at least 30°C higher than maximum ambient temperature at site, as per TAC rules.

16) This drg. shall be read in conjunction with sheet-2 & 3 (Isometric layout and Pylon support detail

02	22/07/2019	AS BUILT Drawing				
01	14/05/2018	Revised as per client comment	SLM	ANM	SSR	For Approval
00	13/03/2018	First Submission	SLM	ANM	SSR	For Approval
REV. NO.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED	STATUS



ABBREVIATIONS

NOZZLE SCHEDULE DETAIL

THEORETICAL WATER DEMAND CALCULATION FOR 80 MW_r, 765kV REACTOR

AS BUILT DRAWING



CHECKED
BY: ANM

	SCALE
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STANDARDIZATION

PIPING LAYOUT OF HVWS SYSTEM FOR
80MVAR, 765kV SHUNT REACTOR (GE MAKE)

DRAWING NO.	PG/ENGG/FPS-STD/HVWS/80MVAR REACTOR-765kV/GE	SHEET REV. N	1 of 3 01
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