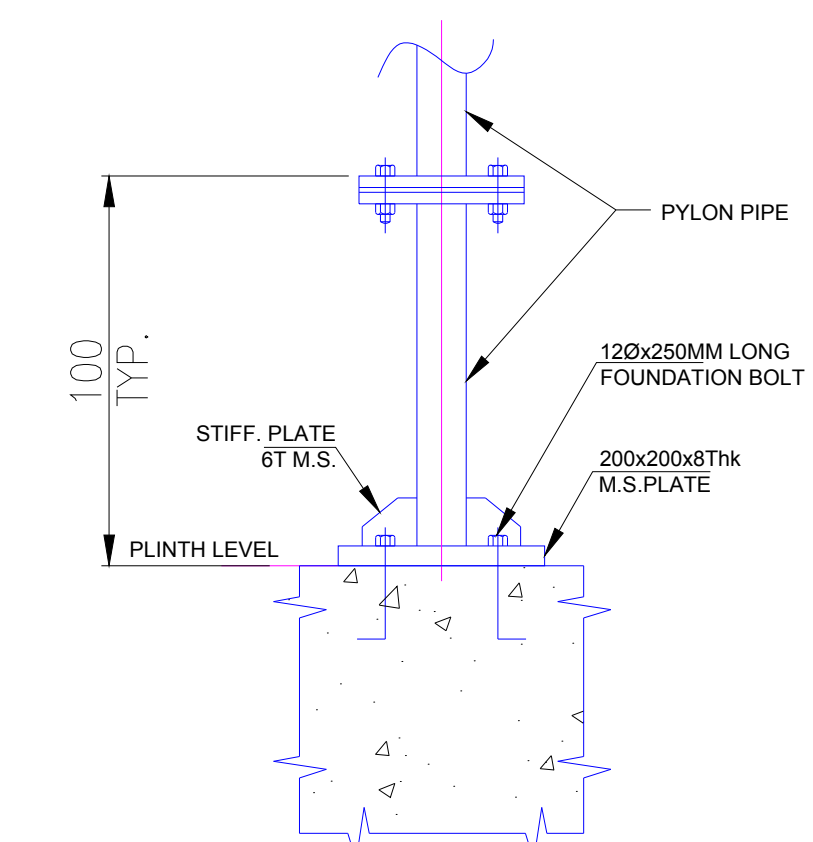
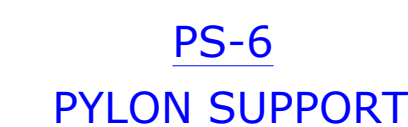
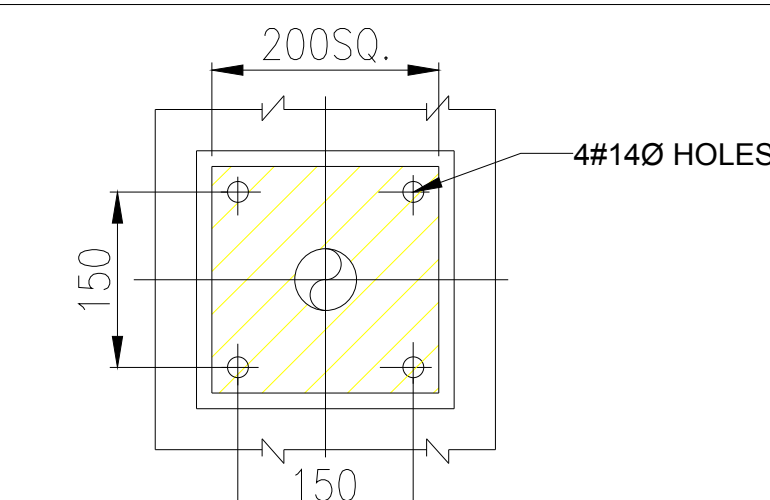




* PYLON FOUNDATION SHALL BE AS PER POWER GRID REACTOR/TRANSFORMER FOUNDATION DRAWING.



SECTION 'C'-'C'

TYPICAL ARRANGEMENT

AS BUILT DRAWING

- 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 G.I 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.

- 11) As per TAC rules, distance between transformer edge to spray nozzle shall be between 500mm to 800mm.
- 12) Detector shall be as closed to surface as possible and no case more than 300 mm.
- 13) Detectors shall be spaced not more than 2.5 m. as per TAC rules.
- 14) H/W spray nozzles have been spaced such that the spray pattern of adjacent nozzles intersect on the transformer body.
- 15) All nozzles for bushing protection should have double elbow arrangement.
- 16) This drg. shall be read in conjunction with sheet-1 & 2 (Piping Layout and Isometric layout).
- 17) Plinth Level shall be considered as Grating/Grovel level +100mm.

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

	CONTRACTOR: GE T&D INDIA LIMITED (Formerly Alstom T&D India Ltd.) A-7, Sector-65, Noida - 201 301, Uttar Pradesh (India)	
	CUSTOMER: POWER GRID CORPORATION OF INDIA LIMITED [A Government of India Enterprise] "Saudamini" Plot No-2, Sector-29, Gurgaon-122 001, Haryana, India	
DESIGN BY: ANM	PROJECT: STANDARDIZATION	
CHECKED BY: ANM		
APPROVED BY: SSR	DRAWING TITLE: PYLON SUPPORT DETAILS OF HVWS SYSTEM FOR 80MVAR, 765kV SHUNT REACTOR (GE MAKE)	
SCALE NTS		
	DRAWING NO. PG/ENG/FPS-STD/HVWS/80MVAR REACTOR-765kV/GE	SHEET REV. NO. 3 of 3 01