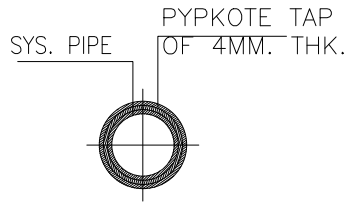
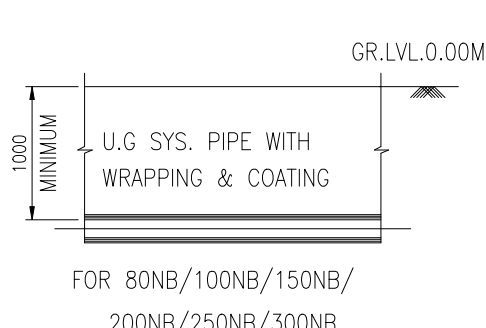
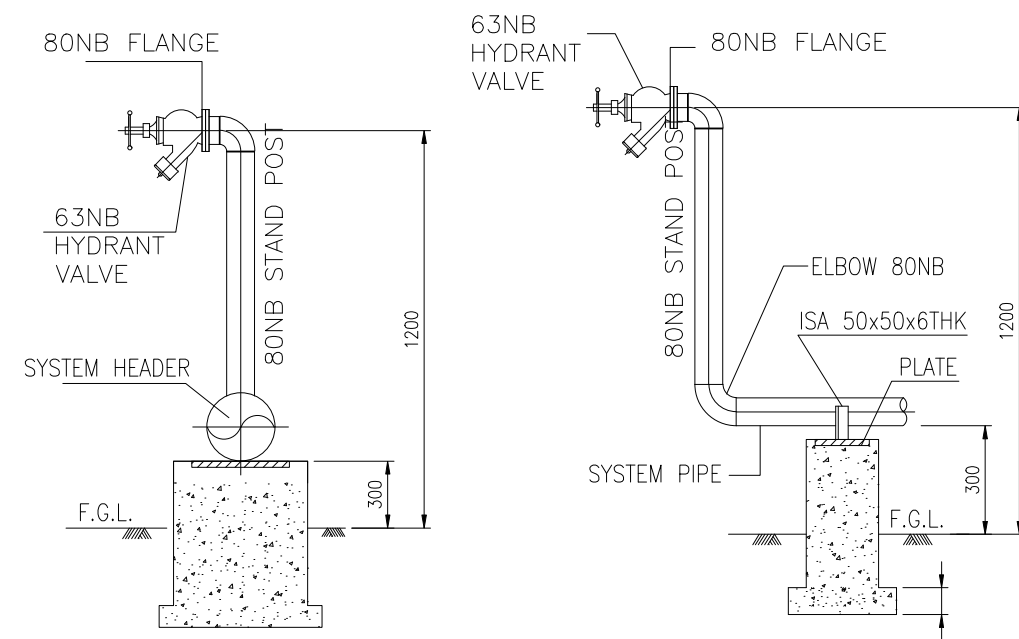


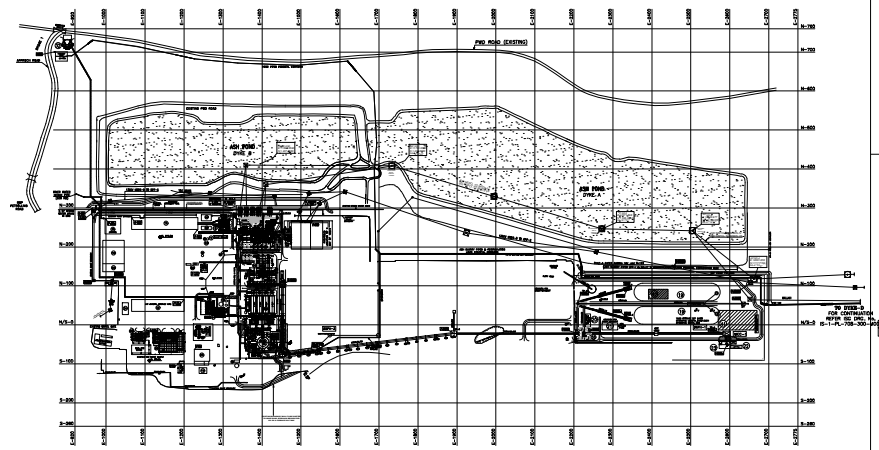
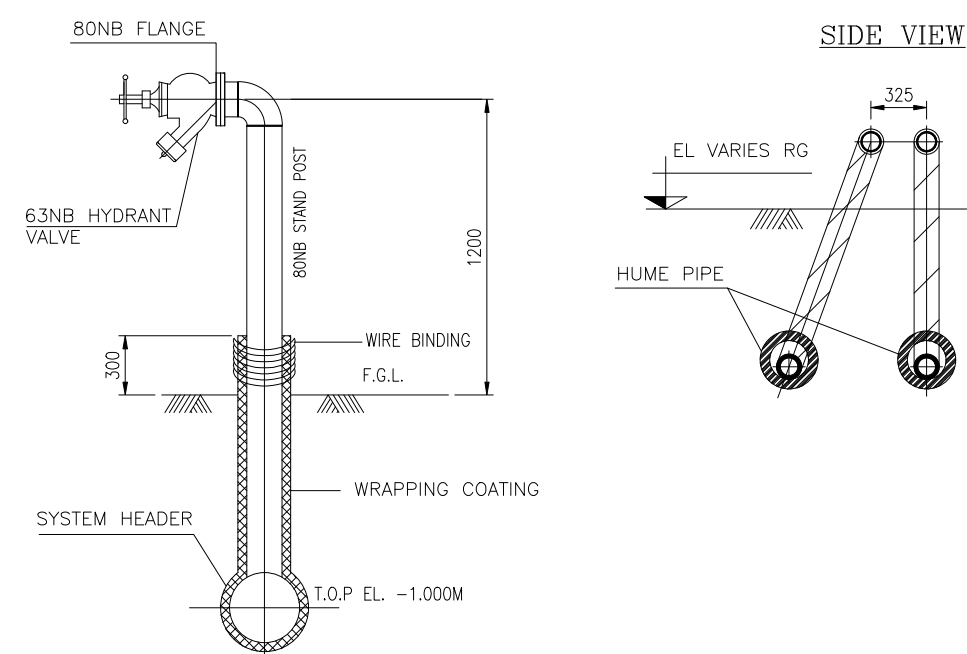
TYPICAL CROSS SECTIONAL DETAILS
OF 4.0m SINGLE LANE ROAD



TYPICAL MOUNTING ARRANGEMENT FOR
SINGLE
HEADED HYDRANT VALVE (A.G. TERMINAL)



TYPICAL MOUNTING ARRANGEMENT FOR
SINGLE HEADED HYDRANT VALVE (U.G.)



KEY PLAN

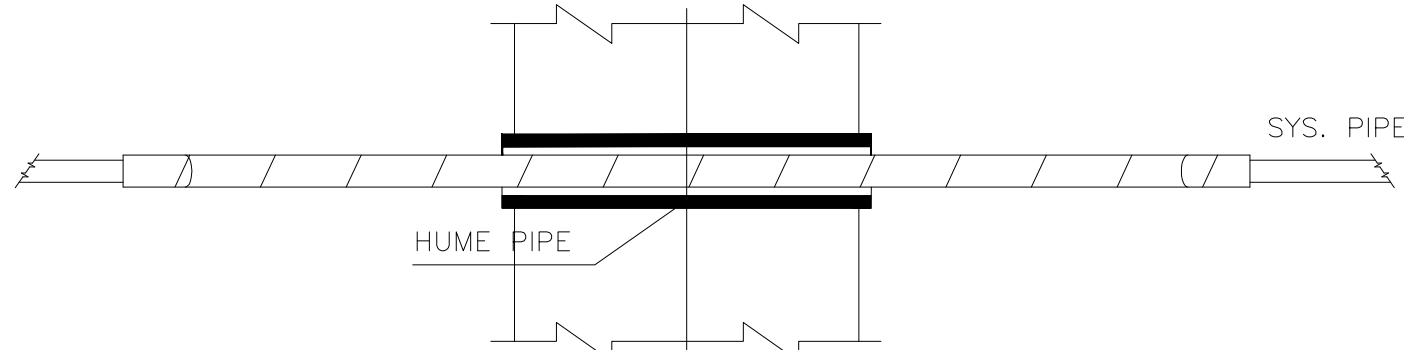
LEGENDS:

1. HYDRANT PIPE		7. SINGLE HEAD HYDRANT VALVE (SH)	
2. SPRAY PIPE		8. WATER MONITOR (WM)	
3. PIPE RUNNING UNDERGROUND		9. DELUGE VALVE (DV) IN HOUSE	
4. PIPE RUNNING IN TRENCH		10. REDUCER/ENLARGER	
5. HUME PIPE		11. FIRE ESCAPE HYDRANT	
6. ISOLATION VALVE (GATE VALVE)			

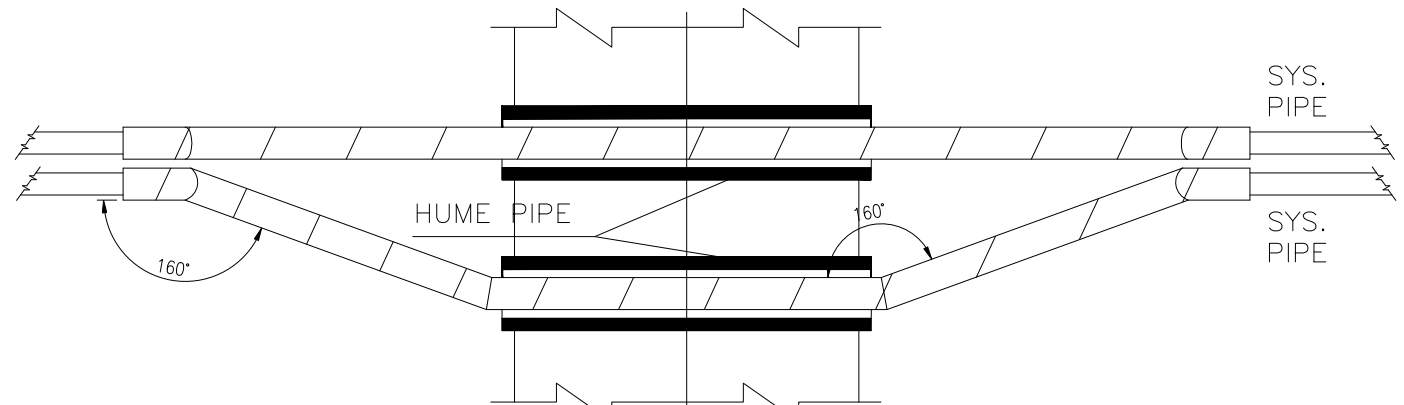
REFERENCES:

1. PLOT PLAN : PE-DG-427-100-M001

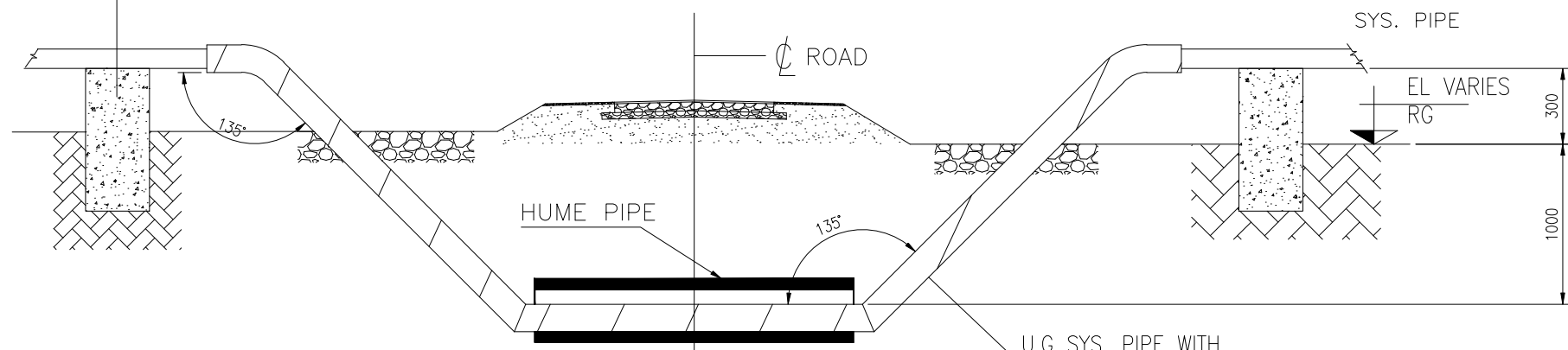
TYP. ROAD DETAIL



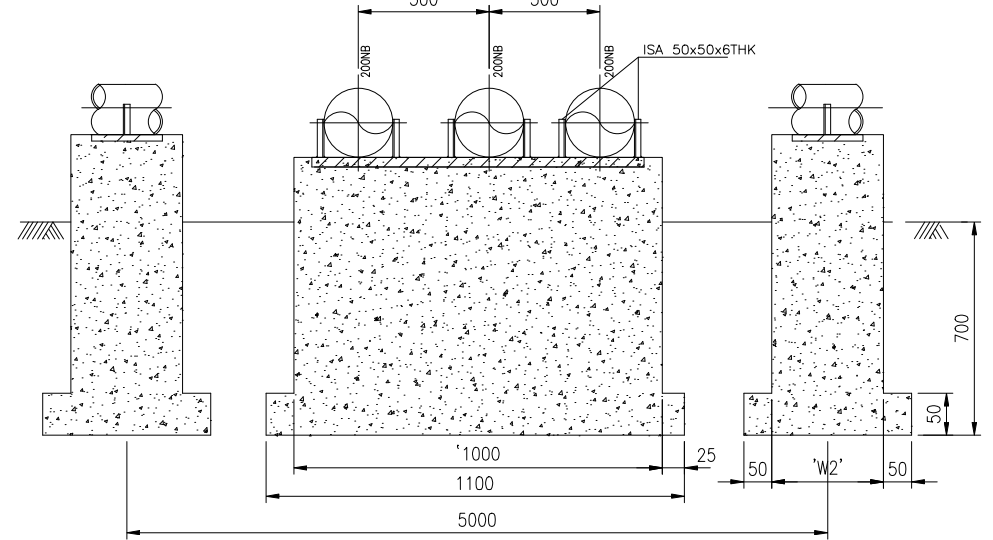
PLAN



PLAN

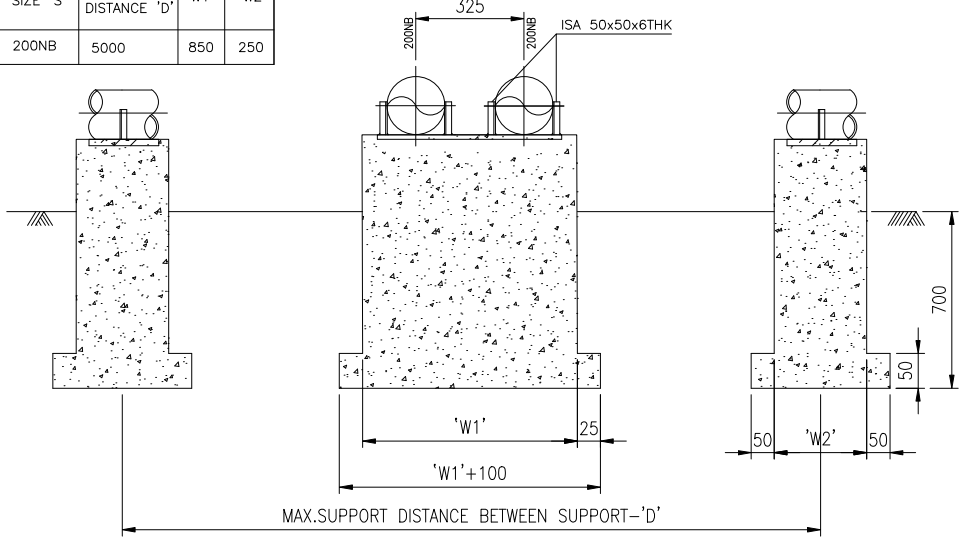
ELEVATION

TYP. PEDESTAL SUPPORT DETAIL
FOR A.G PIPE

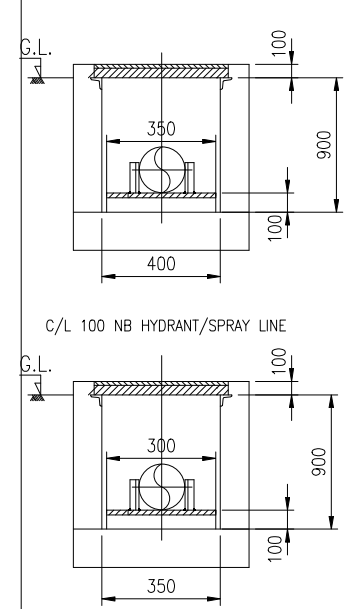


TYP. PEDESTAL SUPPORT DETAIL
FOR A.G PIPE

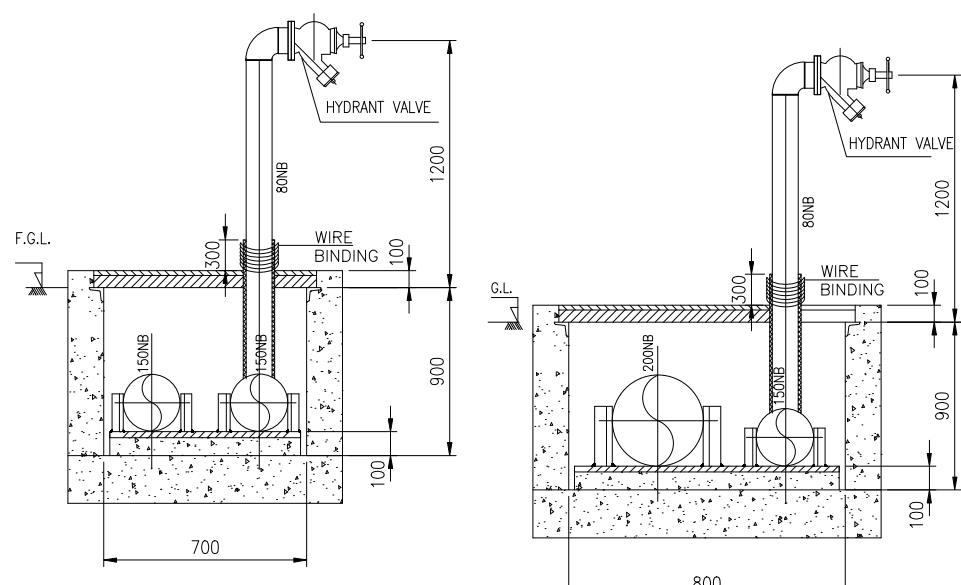
DIMENSIONS			
PIPE SIZE 'S'	SUPPORT DISTANCE 'D'	'W1'	'W2'
200NB	5000	850	250



TYP. ROAD DETAIL IN TRENCH
C/L 150 NB HYDRANT/SPRAY LINE

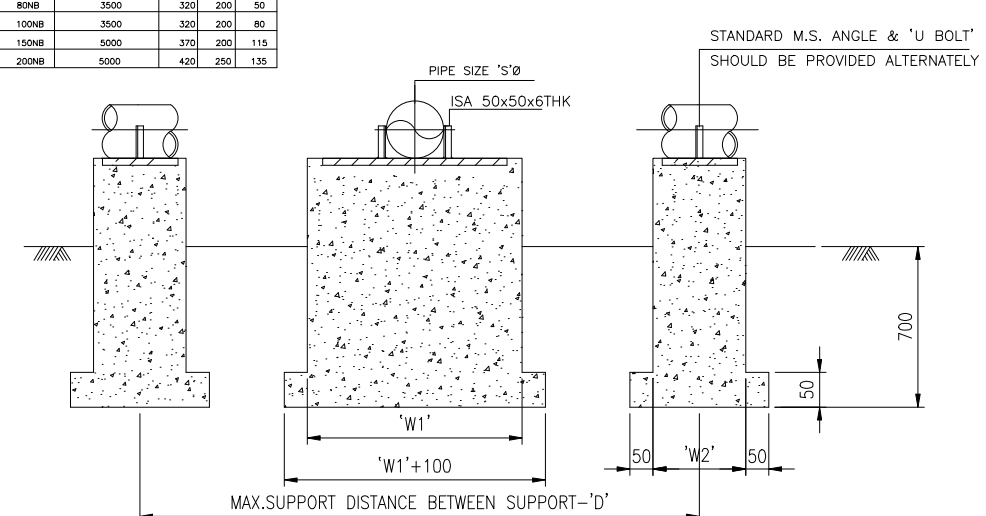


TYPICAL MOUNTING
ARRANGEMENT
SINGLE HEADED HYDRANT VALVE

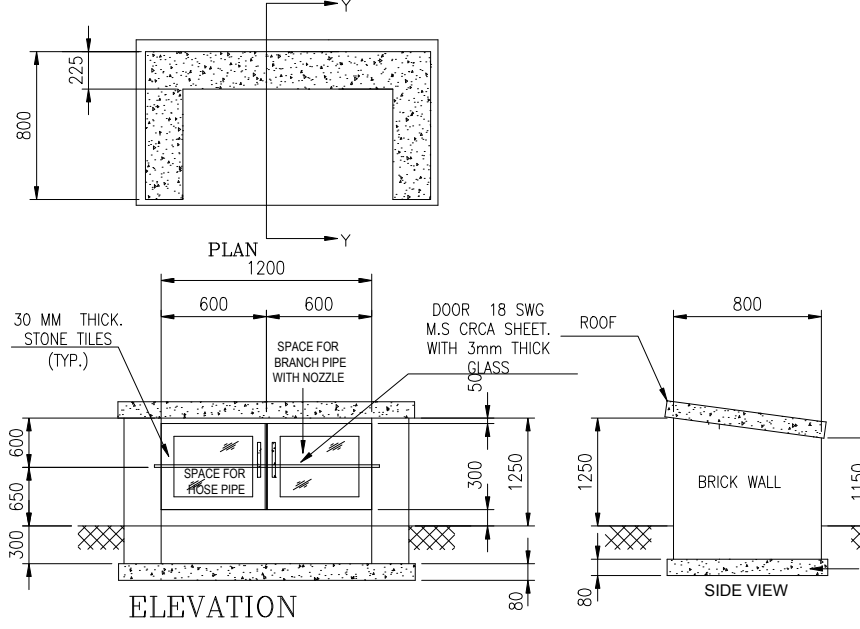


TYP. PEDESTAL SUPPORT DETAIL
FOR A.G. PIPE

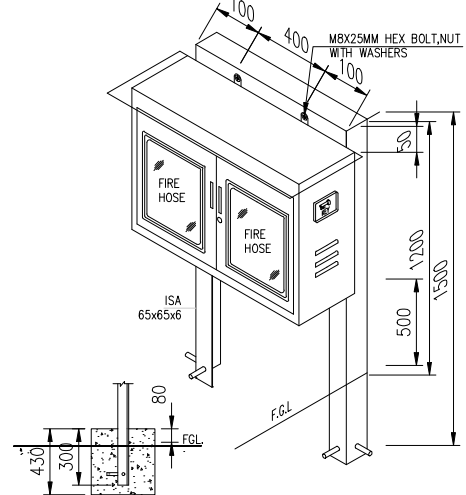
DINDIGONG				
PIPE SIZE "d"	SUPPORT DISTANCE "d"	"W1"	"W2"	ARC LENGTH (L)
BOMB	3500	320	200	50
160NB	3500	320	200	80
160NB	5000	370	200	115
200NB	5000	420	250	135



TYPICAL MOUNTING ARRANGEMENT OF HOSE STATION

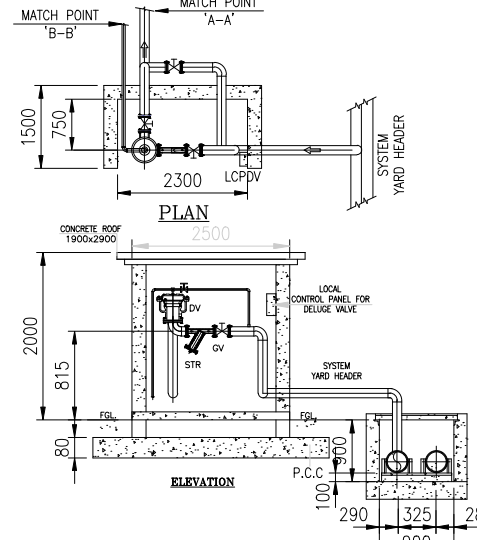


TYP. MOUNTING DETAIL FOR
HOSE BOX STAND (FOR
EXTERNAL HYDRANT)



FOUNDATION BLOCK DETAILS

TYPICAL ARRANGEMENT OF DELUGE VALVE



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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

NTPC - SAIL
POWER COMPANY (P) LIMITED

(बैकौन मिनिटरेड)
MECON LIMITED

ROURKELA PP-II EXPANSION
PROJECT (1X250 MW)

	BHARAT HEAVY ELECTRICALS LTD.		HYDERABAD		NO. OF VAR.	
	DEPT.	NAME	SIGN.	DATE		
	PER.	DRN.	DES.	-50-		08.04.17
	450	CHD.	SUMANT	-50-		08.04.17
	450	APPD.	AMT	-50-		08.04.17
UNTOL. DMS. OR G/W/F		SCALE	WEIGHT (KGS) REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS	
		1:80	-NA-	-NA-	-NA-	
TITLE		CARD CODE	BUIL. DRG. NO. _____ CUST. DRG. NO. _____		REV.	
COMPOSITE LAYOUT OF HYDRANT & SPRAY SYSTEM		NA	M087-8315-11 NO. 01		02	
			SHT. NO. 01		NO. OF SHT. 03	

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