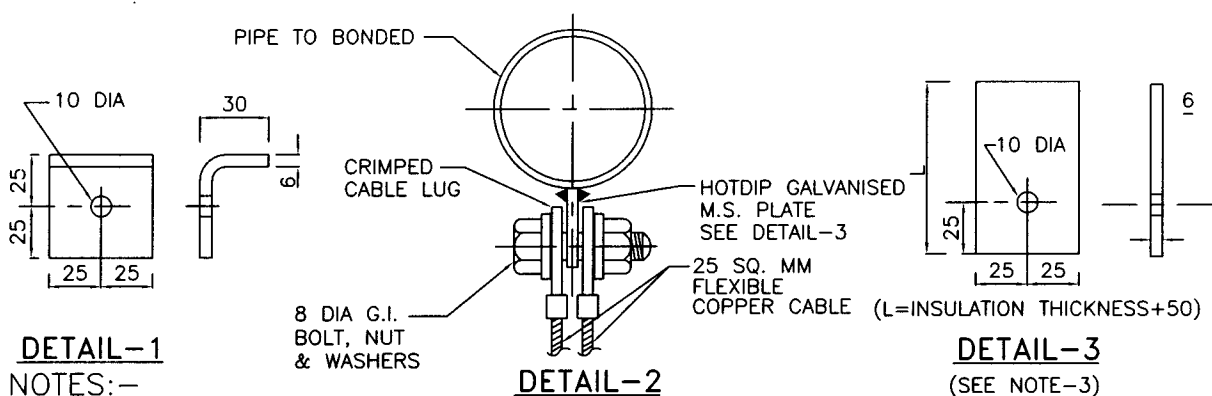
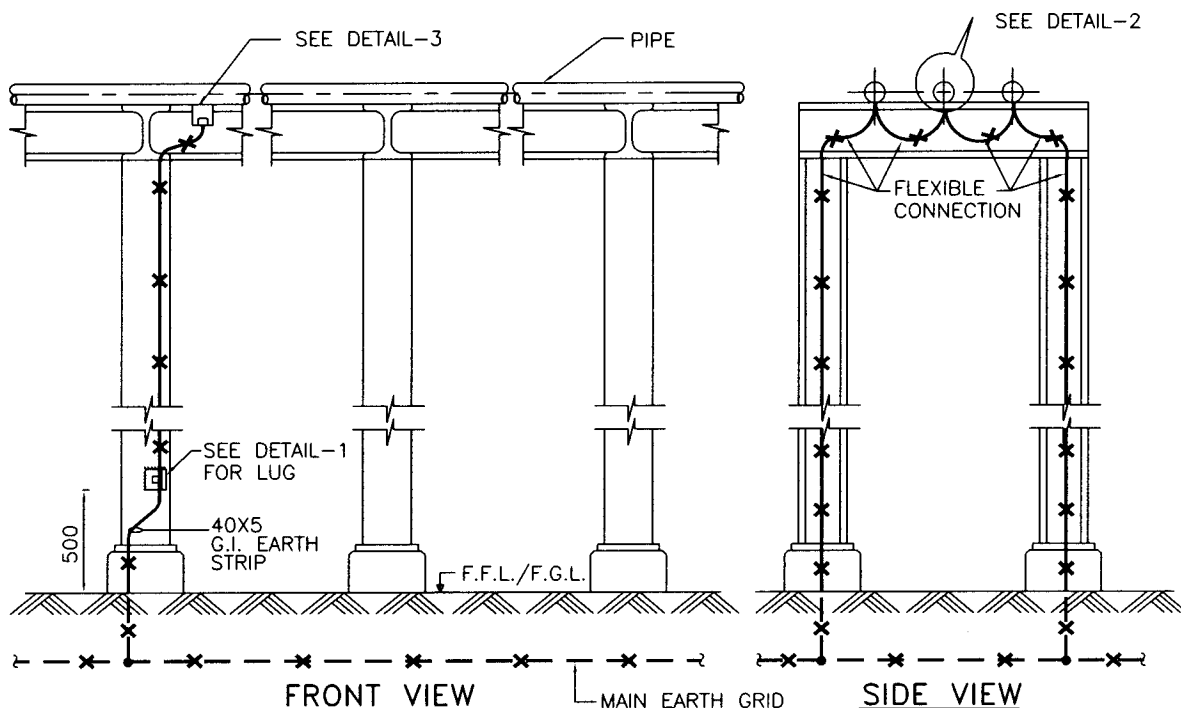
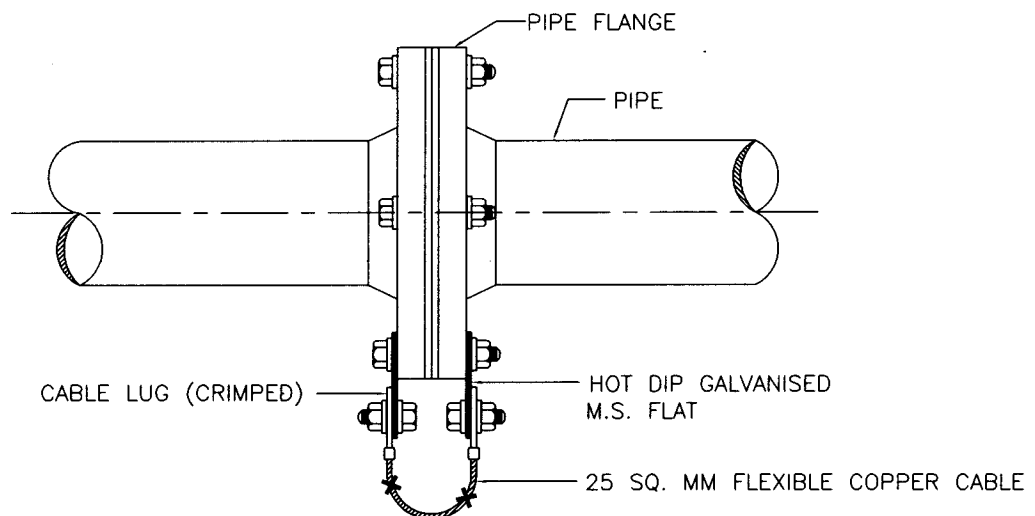
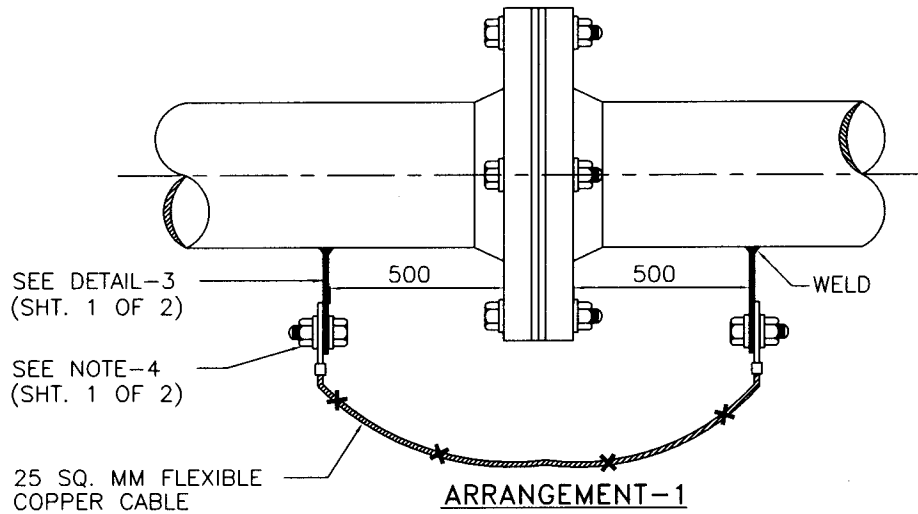


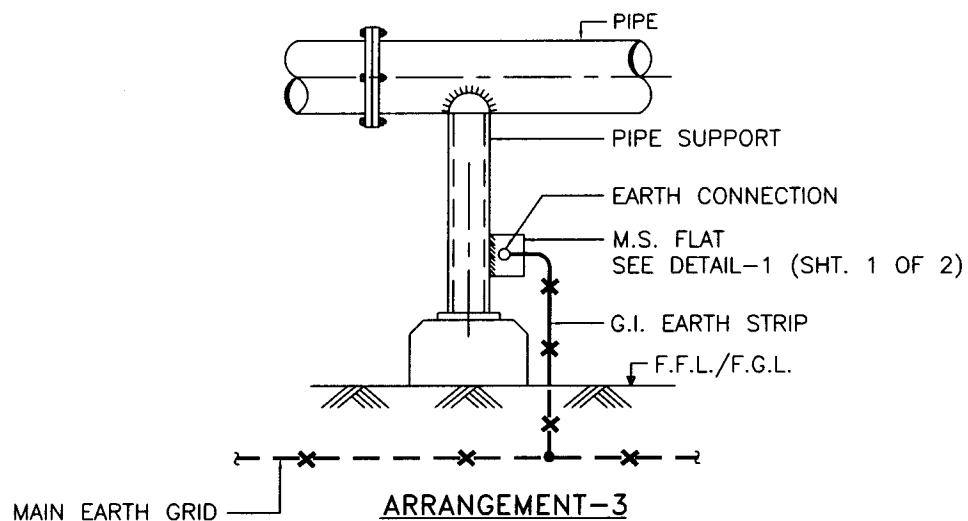


1. UNLESS MENTIONED OTHERWISE ON PLANS OR JOB SPECIFICATIONS, THE PIPE LINES SHALL BE BONDED AND EARTHED ONLY AT THE ENTRY AND EXIT POINTS OF BATTERY LIMIT OF PROCESS UNIT HANDLING FLAMMABLE SUBSTANCES.
2. STEEL PIPE RACKS IN THE PROCESS UNIT AND OFFSITE AREA SHALL BE EARTHED AT MAXIMUM SPACING OF 25 METRES.
3. BEFORE HYDROTESTING OF PIPELINES, PIPING CONTRACTOR SHALL WELD A PLATE (AS SHOWN IN DETAIL-3) OF SUITABLE MATERIAL TO SUIT PIPELINE MATERIAL.
4. SUPPLY OF FLEXIBLE COOPER CABLE, LUGS, BOLTS, NUTS AND WASHERS ETC. AND MAKING CONNECTIONS SHALL BE DONE BY ELECTRICAL CONTRACTOR.

4	27.06.11	REVISED & ISSUED	BP	RKS/RSC	UAP	DM
3	31.01.07	REAFFIRMED & ISSUED	BP	RKS/AKJ	JMS	VC
Rev. No.	Date	Purpose	Prepared by	Checked by	Std. Committee Convenor	Std. Bureau Chairman
Approved by						



(APPLICABLE WHERE WELDED FLAT
ARE NOT AVAILABLE AS PER ARRANGEMENT-1)



(APPLICABLE WHEREVER PIPE SUPPORTS ARE WELDED
ON BOTH SIDES OF FLANGES / VALVES ETC.)

4	27.06.11	REVISED & ISSUED	BP	RKS/RSC	UAP	DM
3	31.01.07	REAFFIRMED & ISSUED	BP	RKS/AKJ	JMS	VC
Rev. No.	Date	Purpose	Prepared by	Checked by	Std. Committee Convenor	Std. Bureau Chairman
						Approved by