

MS\NDRS\WORTHY C:\NDRS\047\NTD88047.027

NOTE: PROVIDE 1" MINIMUM THICKNESS OF CEMENT MORTAR COATING IN THE FIELD FOR THE PROTECTION OF ALL EXPOSED STEEL SUCH AS FLANGES, THREADED OUTLETS, CLOSURES, ETC. THE CEMENT MORTAR USED SHALL CONSIST OF ONE PART PORTLAND CEMENT TO TWO AND ONE HALF PARTS OF FINE, SHARP (PLASTER) SAND. WHERE SHOWN, COATING IS TO BE REINFORCED WITH WIRE MESH.

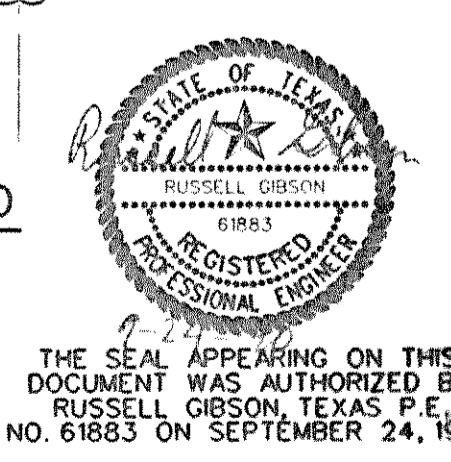
WHERE DIRECTED BY THE ENGINEER, TWO COATS OF "BITUMASTIC 50" OR AN EQUIVALENT COAT TAR BASE PRODUCT SHALL BE USED IN LIEU OF CEMENT MORTAR.

SURFACES RECEIVING A CEMENT MORTAR COATING SHALL BE THOROUGHLY CLEAN AND WETTED WITH WATER JUST PRIOR TO PLACING THE CEMENT MORTAR COATING. AFTER PLACEMENT, CARE SHALL BE TAKEN TO PREVENT CEMENT MORTAR COATING FROM DRYING TOO RAPIDLY. CEMENT MORTAR SHALL NOT BE APPLIED DURING FREEZING WEATHER.

"BITUMASTIC 50" SHALL BE APPLIED COLD IN A THICK CONSISTENCY ON A WELL CLEANED SURFACE, IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

NOTE:

- CONTRACTOR SHALL FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES PRIOR TO FABRICATION OF CONNECTION PIPING.
- CONTRACTOR SHALL COORDINATE TIE-IN TO EXISTING PIPELINE WITH THE OWNER.
- CONTRACTOR SHALL WELD ALL JOINTS UNLESS FLANGED OR HARNESSED.



DESIGNED	R.L.G.	JOB NO.	NTD88047
DRAWN	D.A.N.	DATE	SEP 1990
TRACED		SCALE	
CHECKED	J.W.C.		

FRESE AND NICHOLS INC.
CONSULTING ENGINEERS
FORT WORTH - AUSTIN, TEXAS

NORTH TEXAS MUNICIPAL WATER DISTRICT
WYLIE - ROCKWALL - FARMERSVILLE PIPELINE

PIPELINE APPURTENANCES

SH. 27
CF 88-3
OF 28