

MINIMUM CONTACT AREAS FOR CONCRETE THRUST BLOCKS

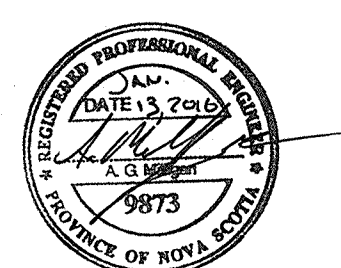
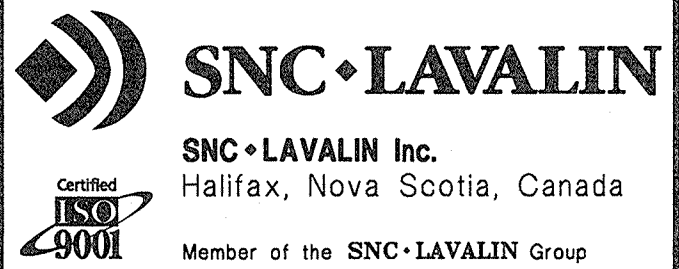
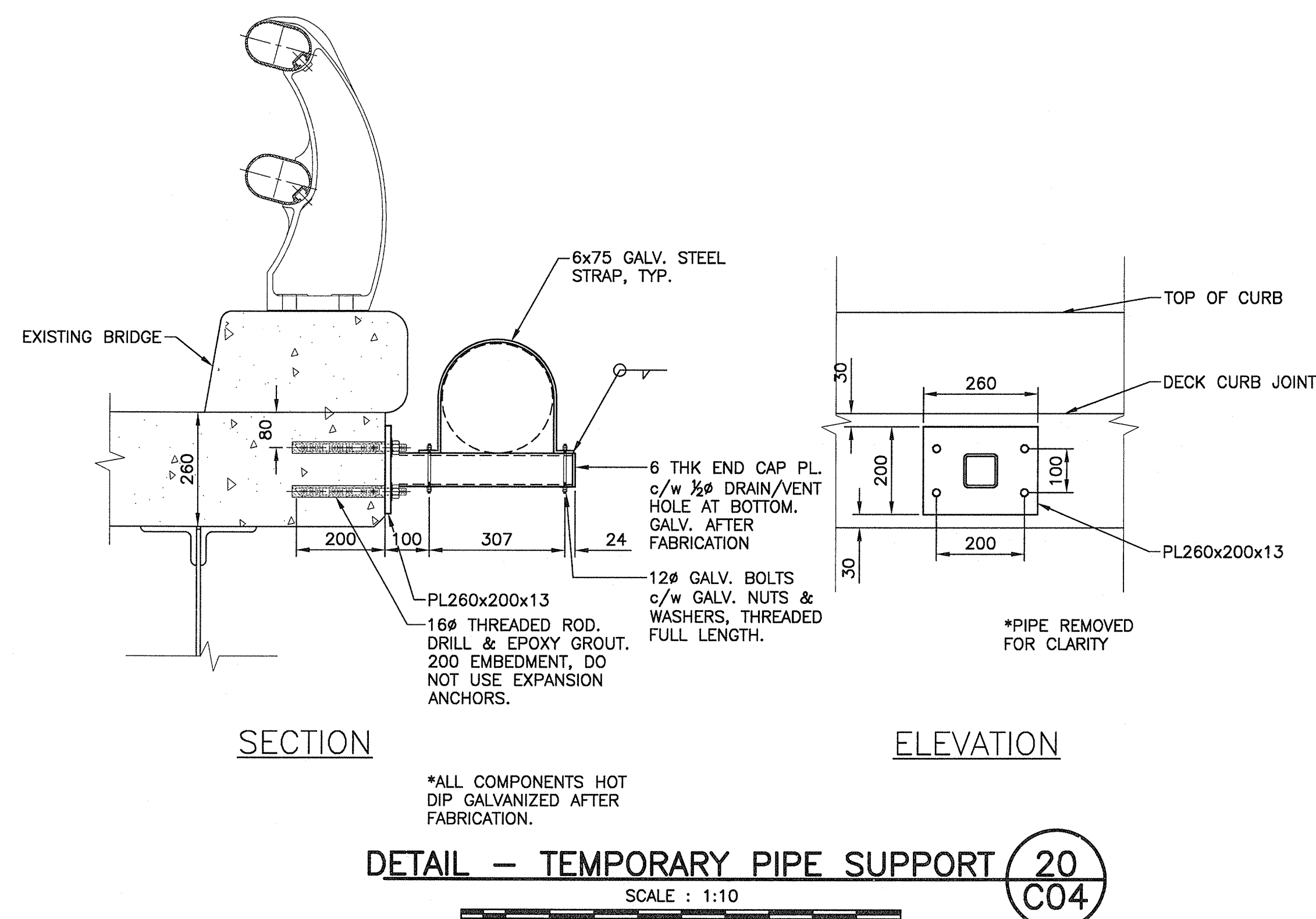
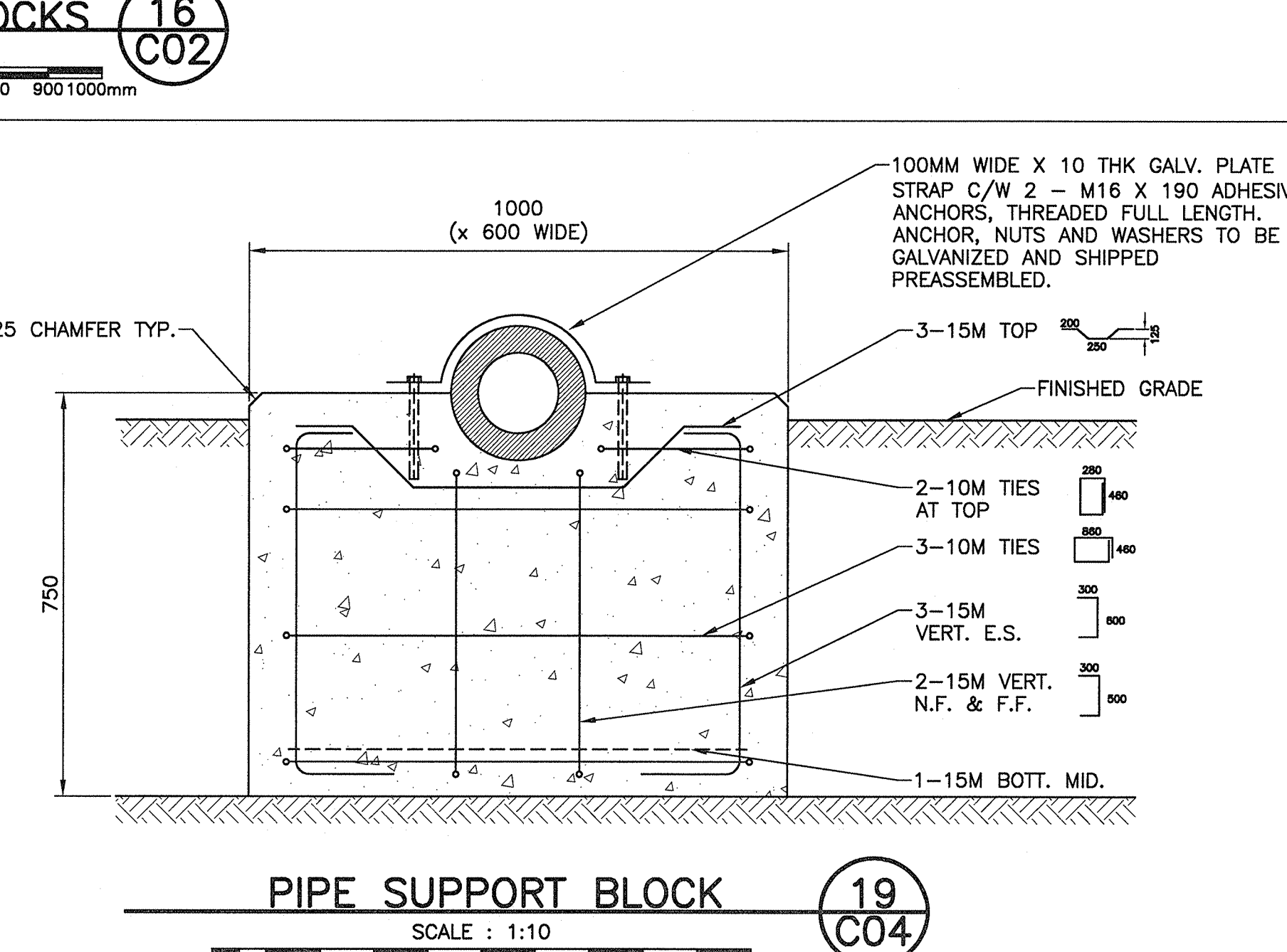
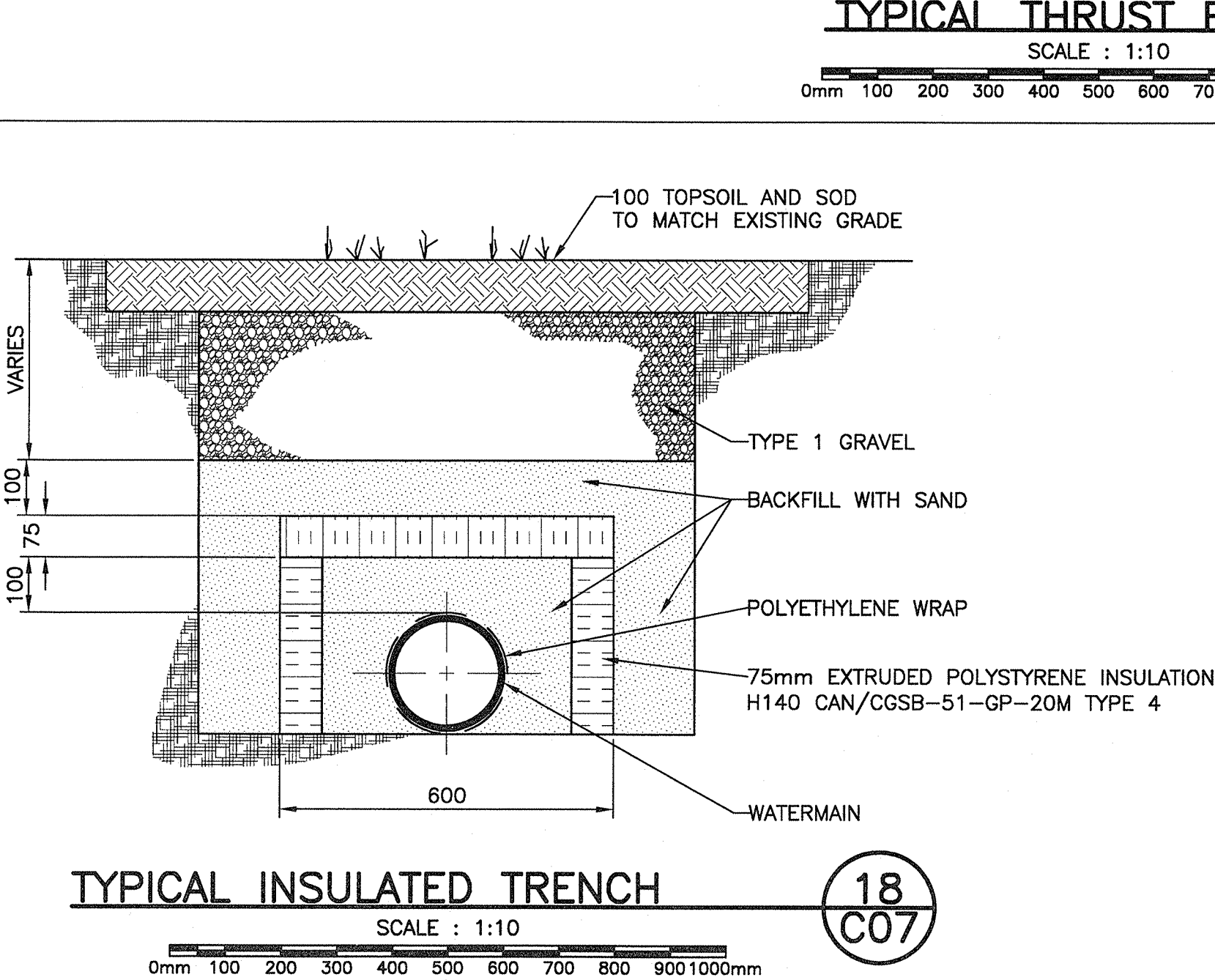
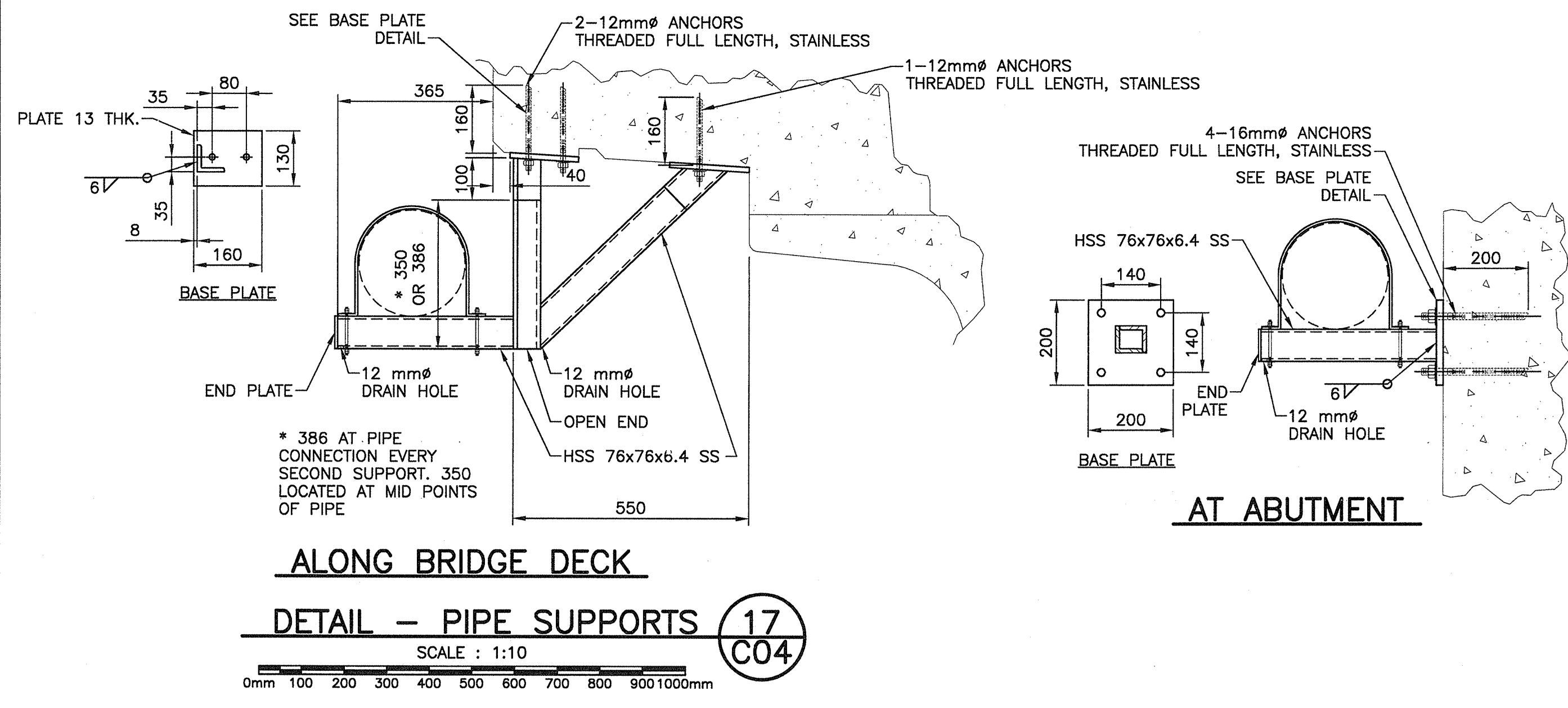
X mm	AREA, M ² FOR SOIL SUPPORTING CAPACITY OF 100 kPa					
	CAP/PLUG	TEE	90° BEND	45° BEND	22.5° BEND	11.25° BEND
100	0.25	0.25	0.32	0.20	0.16	0.16
150	0.48	0.48	0.64	0.40	0.24	0.16
200	0.80	0.80	1.12	0.64	0.32	0.16
250	1.28	1.28	1.76	0.96	0.48	0.24
300	1.76	1.76	2.56	1.44	0.72	0.40

MINIMUM DISTANCE FROM FITTING TO UNDISTURBED GROUND

PIPE DIAMETER	mm	mm
100	450	
150	450	
200	450	
250	600	
300	750	

VERTICAL THRUST BLOCKS THRUST COMPENSATED FOR BY MASS OF CONCRETE (m³)

PIPE DIA	45° BEND	22.5° BEND	11.25° BEND
100	0.40	0.20	0.20
150	0.80	0.40	0.40
200	1.40	0.70	0.70
250	2.10	1.10	1.10
300	3.00	1.50	1.50



C01	ISSUED FOR TENDER	JAN 13 2016
revisions		date
project	NEILS BROOK BRIDGE REPLACEMENT CAPE BRETON HIGHLANDS NATIONAL PARK, NS	
drawing		dessin
DETAILS		
designed		conçu
drawn	A.G.M.	dessiné
date	DEC. 21, 2015	
approved	AGM	approuvé
date	DEC. 21, 2015	
Tender	2016-1-21	
PWSSC Project Manager	Administrateur de projets TPSCG	
project number	R.074443.001	
drawing no.		no. du dessin
C07		