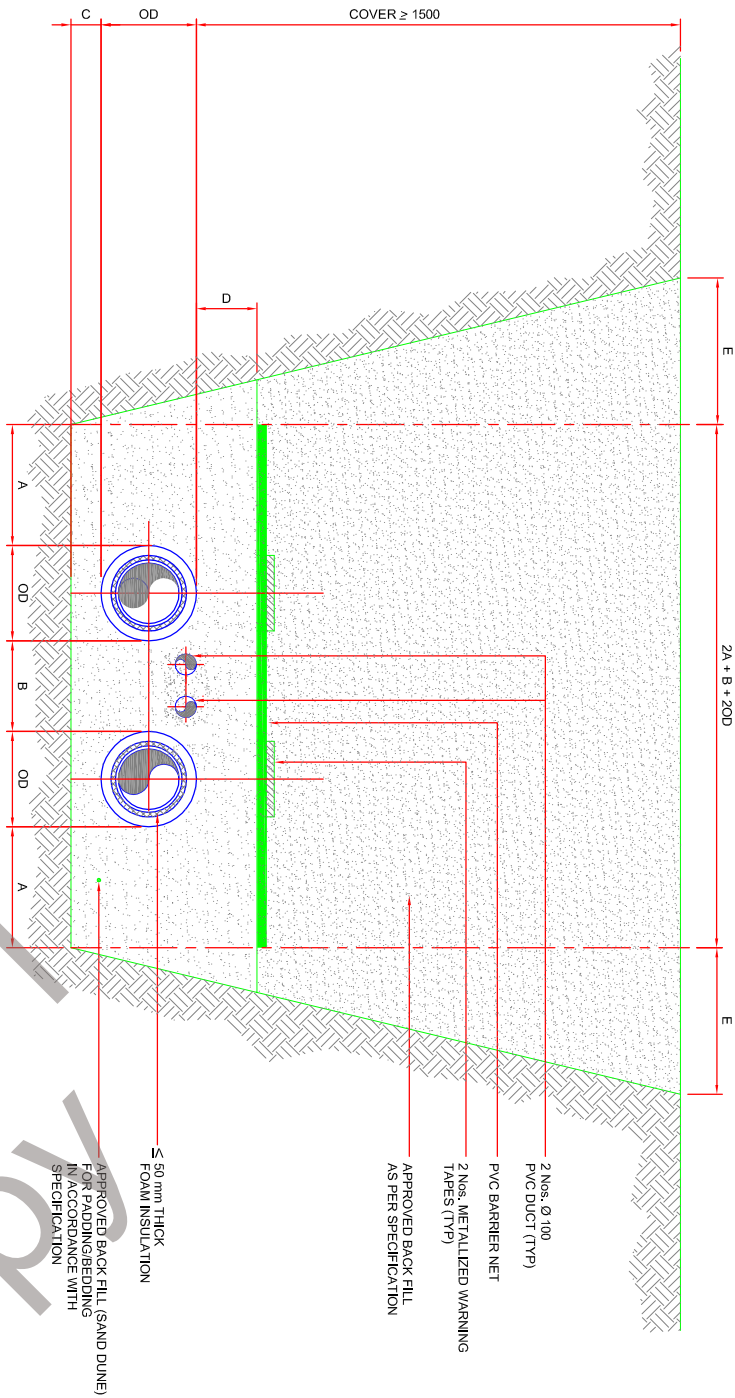
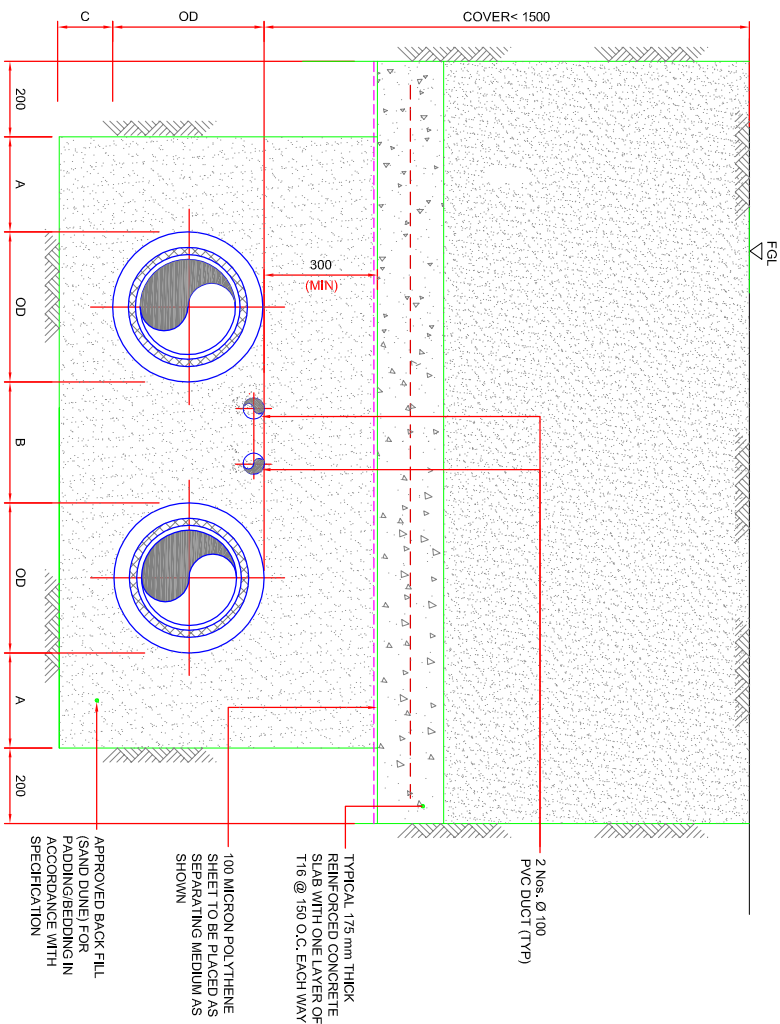


NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.
2. PVC DUCTS FOR CONTROL AND ELECTRICAL CABLES

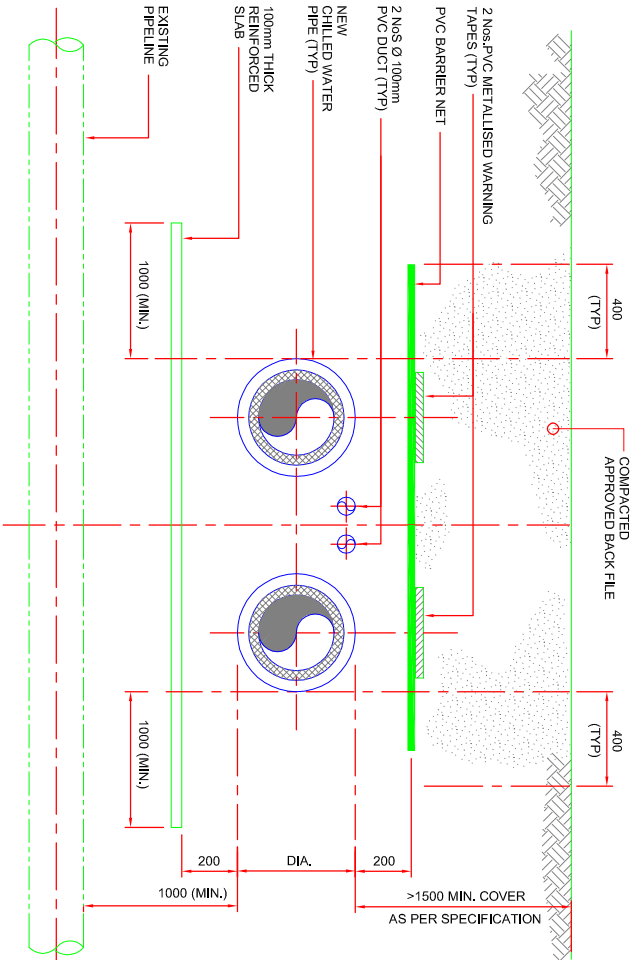


TYPICAL CROSS SECTION OF TRENCH COVER ≥1.5m



TYPICAL CROSS SECTION OF TRENCH COVER <1.5m

SCALE N.T.S



TYPICAL CROSS SECTION FOR EXISTING SERVICES PROTECTION

STEEL CORE PIPE NB		HDPE JACKET		A B C D E				
(mm)	(inch)	OD (mm)						
1200	48	1400	400	400	100	200	500	
1100	44	1300	400	400	100	200	500	
1060	42	1260	400	400	100	200	500	
1000	40	1200	400	400	100	200	500	
900	36	1100	400	400	100	200	500	
800	32	1000	400	400	100	200	500	
750	30	900	400	400	100	200	500	
600	24	730	400	400	100	200	500	
500	20	630	400	400	100	200	500	
450	18	560	400	400	100	200	500	
400	16	560	400	400	100	200	400	
350	14	500	400	400	100	200	400	
300	12	450	300	300	100	200	400	
250	10	400	300	300	100	200	400	
200	8	350	300	300	100	200	400	
150	6	280	300	300	100	200	400	
125	5	250	300	300	100	200	400	
100	4	225	300	300	100	200	400	
80	3	200	300	300	100	200	400	
65	2 1/2	180	300	300	100	200	400	
50	2	160	300	300	100	200	400	
40	1 1/2	140	300	300	100	200	400	
32	1 1/4	140	300	300	100	200	400	
25	1	125	300	300	100	200	400	

TRENCH CROSS SECTION DETAILS FOR CARBON STEEL CORE PIPE WITH HDPE JACKET

HDPE CORE PIPE OD		HDPE JACKET		A B C D E				
(mm)	(inch)	OD (mm)						
500	18	630	400	400	100	200	500	
450	16	560	400	400	100	200	500	
400	14	560	400	400	100	200	400	
355	12	500	400	400	100	200	400	
315	10	450	300	300	100	200	400	
250	8	400	300	300	100	200	400	
200	6	315	300	300	100	200	400	
160	5	280	300	300	100	200	400	
125	4	250	300	300	100	200	400	
110	3 1/2	200	300	300	100	200	400	
90	3	180	300	300	100	200	400	
75	2 1/2	180	300	300	100	200	400	
63	2	140	300	300	100	200	400	
50	1 1/2	140	300	300	100	200	400	
40	1 1/4	140	300	300	100	200	400	
32	1	68	300	300	100	200	400	
25	1	68	300	300	100	200	400	

NOTE : HDPE SDR11-PN16

TRENCH CROSS SECTION DETAILS FOR HDPE CORE PIPE WITH JACKET

Project:		Client:		Designed, Built & Owned By:	
Ismael A. S		Ismael A. S		NATIONAL CENTRAL COOLING CO. (PJSC)	
P.O. BOX 29478 ABU DHABI, U.A.E. TEL : 971 4 364422 FAX : 971 4 364420		E-mail : sales@ncc-cooling.com			
Drawn: Sibhi Alex		Checked: Ismael A. S		Approved: Ismael A. S	
Scale: No Scale		Date: 12/07/2012		Drawing Number: Tab/TS/01	
Sheet: 1 OF 1		Rev: 0			