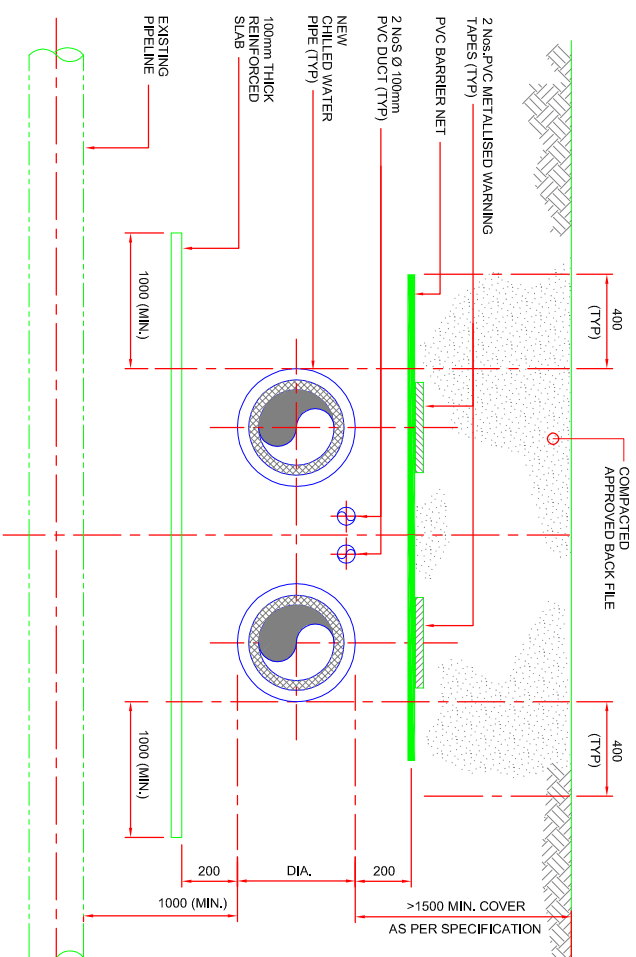
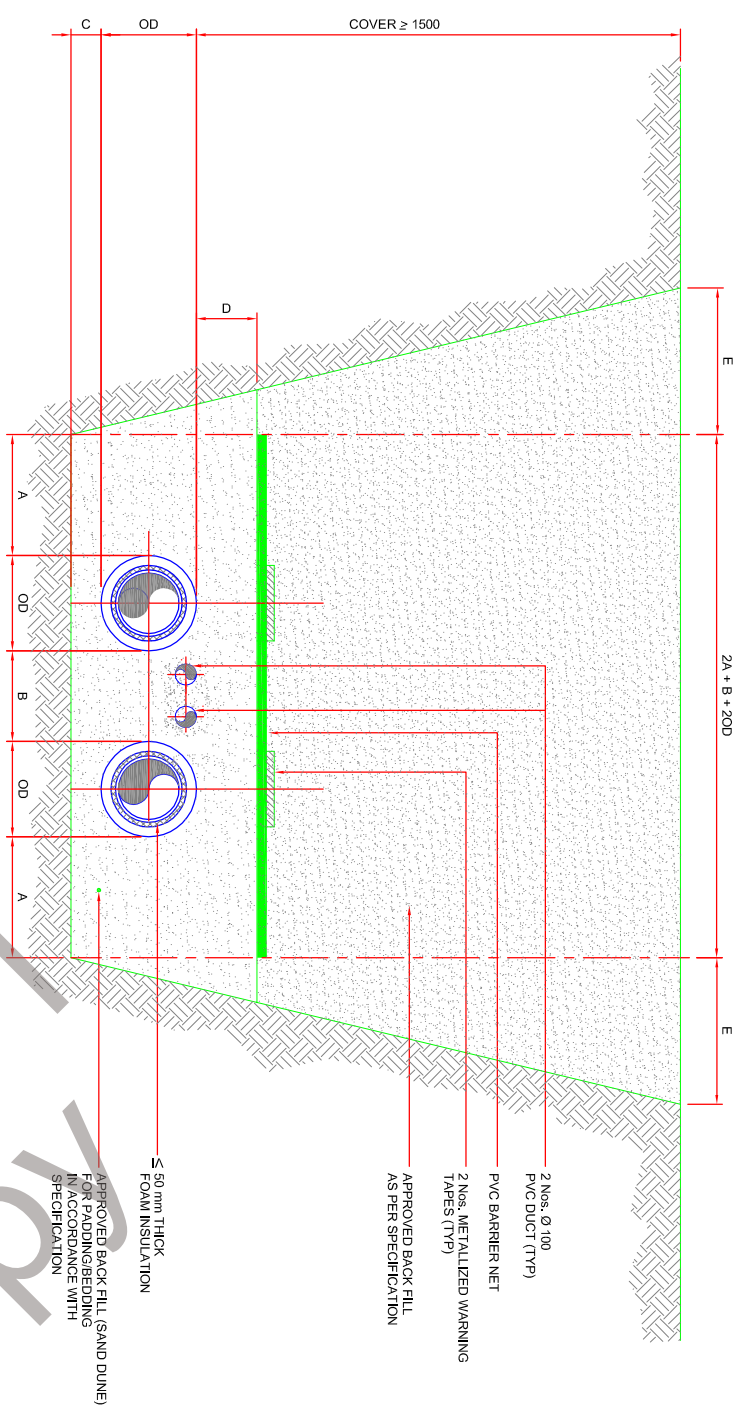
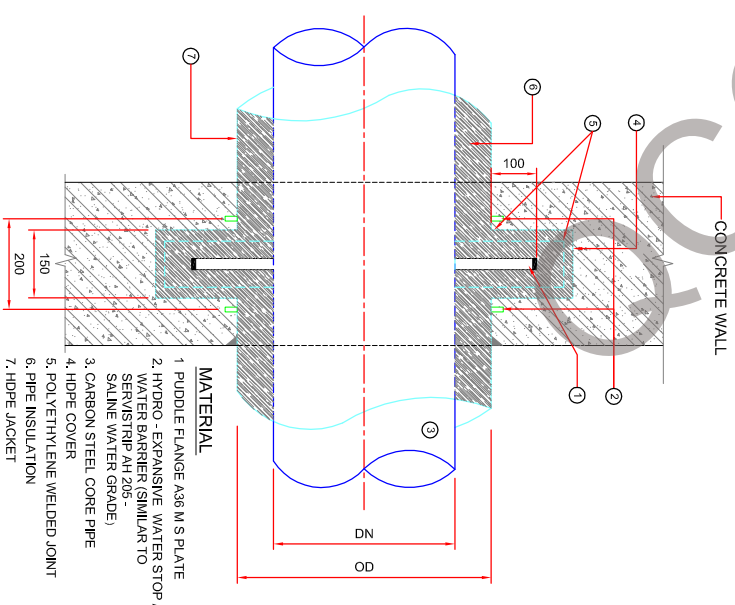
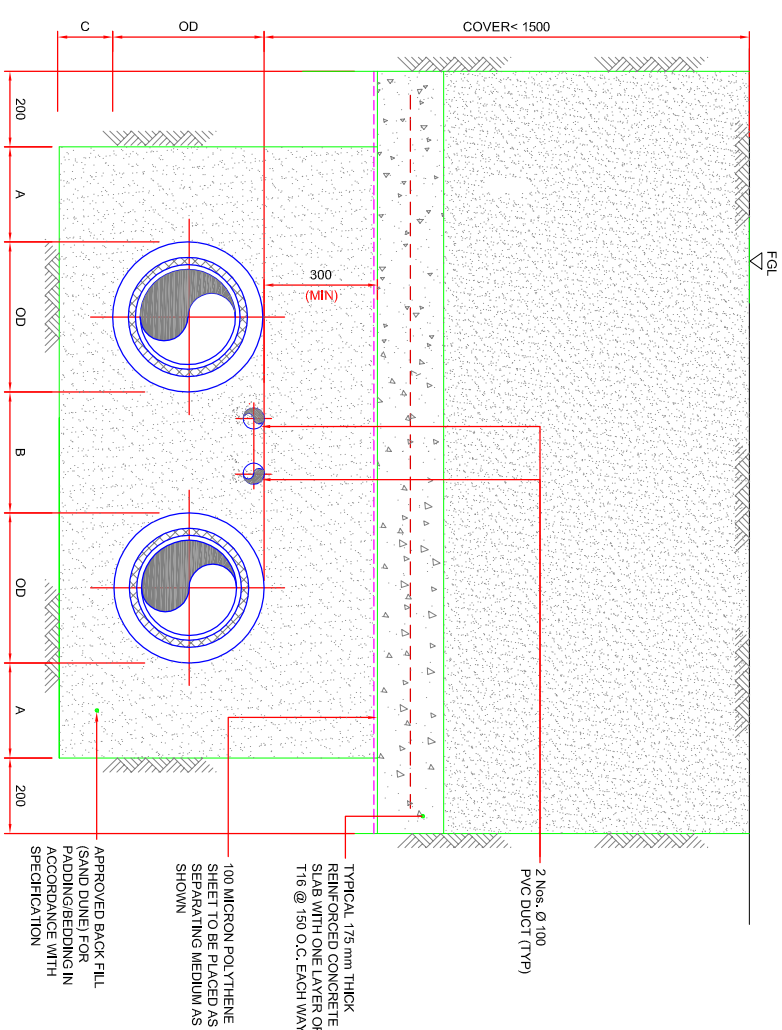


NOTES:

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



TYPICAL CROSS SECTION FOR EXISTING SERVICES PROTECTION



TYPICAL CROSS SECTION OF TRENCH COVER <1.5m

TYPICAL PRE - INSULATED PIPE WALL PENETRATION DETAIL

STEEL CORE PIPE NB		HIDE JACKET					
(mm)	(inch)	O.D (mm)	A	B	C	D	E
1200	48	1400	400	400	100	200	500
1100	44	1300	400	400	100	200	500
1050	42	1250	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	500	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	2½	180	300	300	100	200	400
50	2	160	300	300	100	200	400
40	1½	140	300	300	100	200	400
32	1¼	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 O.D. (mm)	(inch)	HDPE JACKET O.D (mm)					
			A	B	C	D	E
500	18	630	400	400	100	200	500
450	16	650	400	400	100	200	500
400	14	660	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	3½	200	300	300	100	200	400
90	3	180	300	300	100	200	400
75	2½	180	300	300	100	200	400
63	2	140	300	300	100	200	400
50	1½	140	300	300	100	200	400
40	1¼	140	300	300	100	200	400
32	1	68	300	300	100	200	400
25	¾	68	300	300	100	200	400

TRENCH CROSS SECTION DETAILS FOR HDPE CORE PIPE WITH JACKET

Designed, Built & Owned By



NATIONAL CENTRAL COOLING CO. (P)SC
P.O. BOX 29478 ABU DHABI, TEL.: 971 2 6455007 FAX: 971 2 6455000
P.O. BOX 32444 DUBAI, TEL.: 971 4 3404422 FAX: 971 4 3404422
E-mail: GM@nccobreed.co.ae

Designed	Ismail A. S	Drawing Title
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Drawn	Sibl Alex
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TYPICAL STANDARD DETAILS

Approved	Issued N. 2
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Date	12/07/2012
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Tab/TSD/01	1 OF 1	0
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