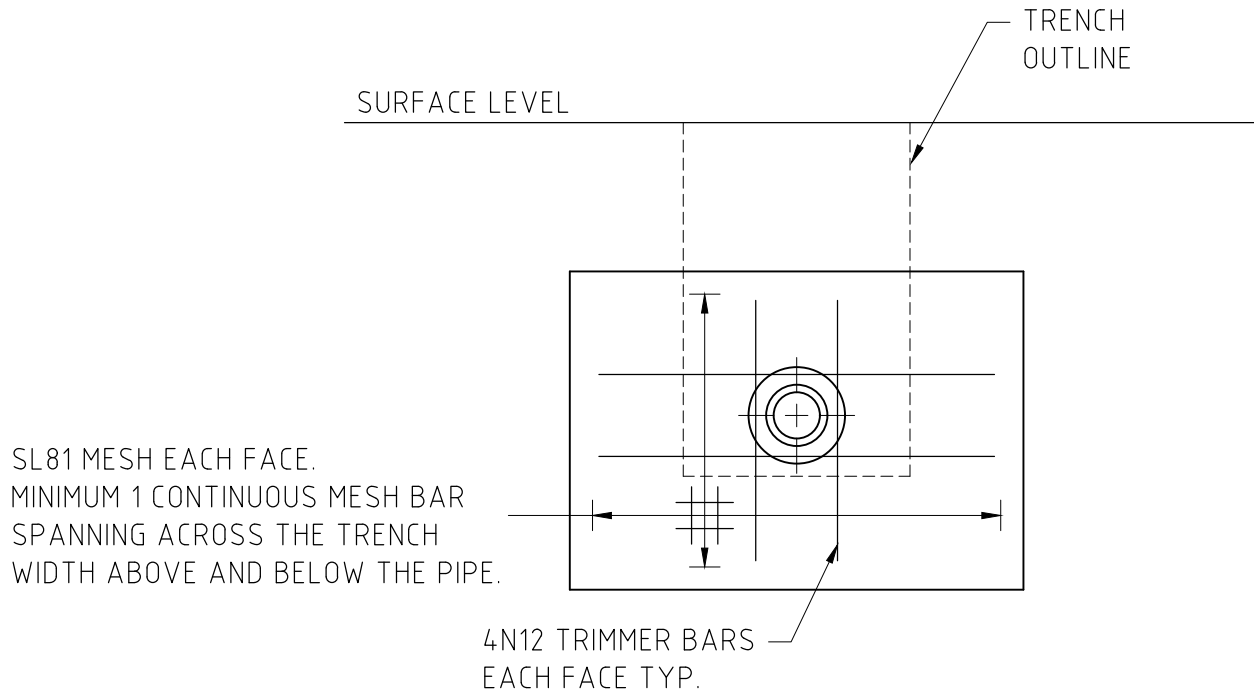
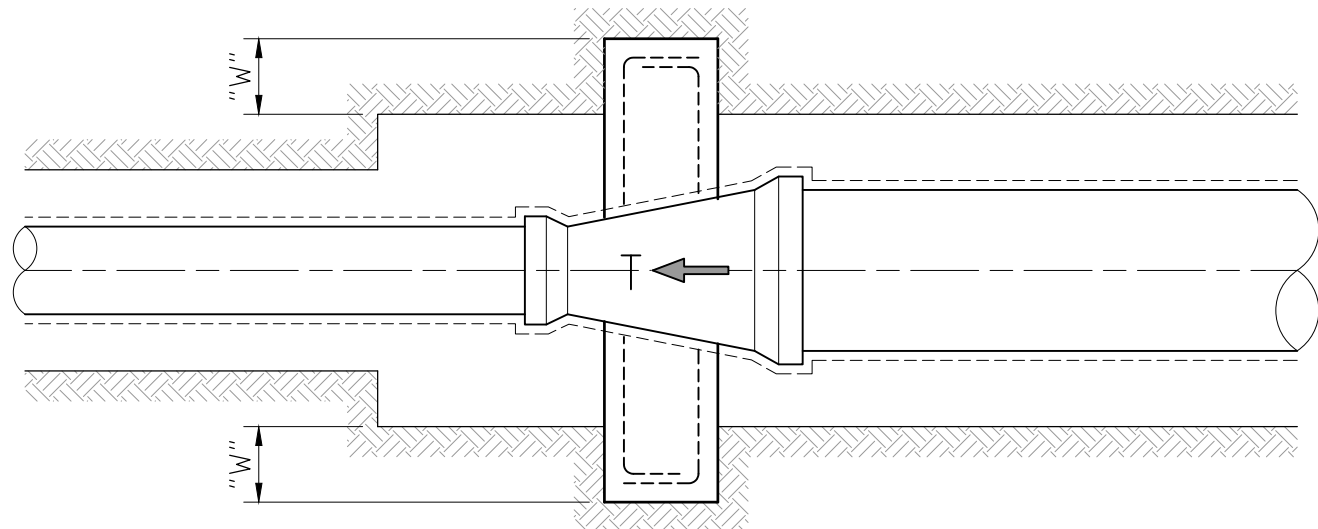


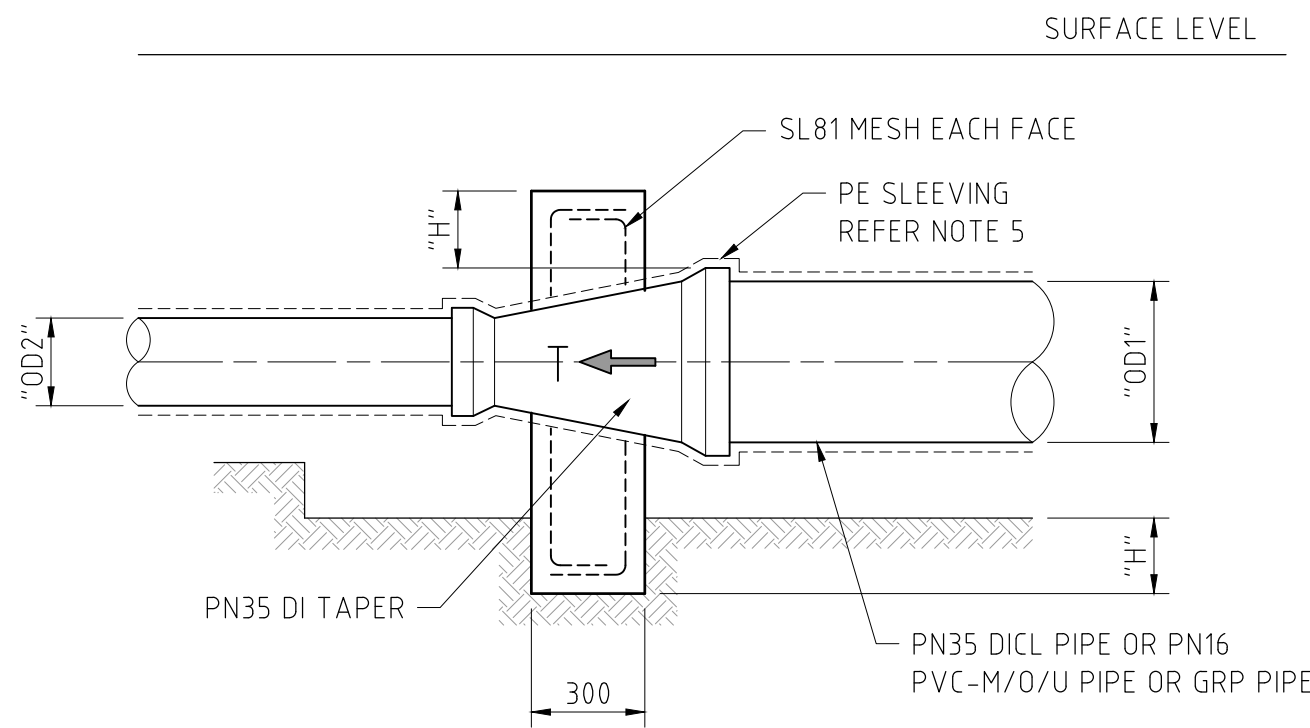
DETAILS OF AREA TO BE CAST AGAINST UNDISTURBED GROUND
ELEVATION
SCALE 1:20



THRUST BLOCK REINFORCEMENT DETAIL
SCALE 1:20



DETAILS OF AREA TO BE CAST AGAINST UNDISTURBED GROUND
PLAN
SCALE 1:20



THRUST BLOCK REINFORCEMENT DETAIL
SCALE 1:20

THRUST BLOCK AREAS & DIMENSIONS FOR TAPERS - TYPE 1 (m²)

DN1	OD1	DN2	OD2	DESIGN PRESSURE HEAD	TEST PRESSURE HEAD	THRUST T	SOIL TYPE (REFER TO NOTE 7)	REQUIRED BEARING AREA	H	MINIMUM TRENCH WIDTH	W
(mm)	(mm)	(mm)	(mm)	(m)	(m)	(kN)		(m ²)	(mm)	(mm)	(mm)
150	177	100	122	120	150	19.0	S1	0.380	200	380	300
150	177	100	122	120	150	19.0	S2	0.190	100	380	300
150	177	100	122	120	150	19.0	S3	0.095	100	380	300
200	232	100	122	120	150	45.0	S1	0.900	400	530	350
200	232	100	122	120	150	45.0	S2	0.450	200	530	300
200	232	100	122	120	150	45.0	S3	0.225	100	530	300
200	232	150	177	120	150	26.0	S1	0.520	250	530	300
200	232	150	177	120	150	26.0	S2	0.260	100	530	300
200	232	150	177	120	150	26.0	S3	0.130	100	530	300
250	286	100	122	120	150	77.3	S1	1.546	400	590	650
250	286	100	122	120	150	77.3	S2	0.773	350	590	300
250	286	100	122	120	150	77.3	S3	0.386	200	590	300
250	286	150	177	120	150	58.3	S1	1.166	400	590	450
250	286	150	177	120	150	58.3	S2	0.583	250	590	300
250	286	150	177	120	150	58.3	S3	0.291	150	590	300
250	286	200	232	120	150	32.3	S1	0.646	300	590	300
250	286	200	232	120	150	32.3	S2	0.323	100	590	300
250	286	200	232	120	150	32.3	S3	0.162	100	590	300
250	286	225	259	120	150	17.0	S1	0.340	100	590	300
250	286	225	259	120	150	17.0	S2	0.170	100	590	300
250	286	225	259	120	150	17.0	S3	0.085	100	590	300
300	345	100	122	120	150	120.3	S1	2.406	500	650	800
300	345	100	122	120	150	120.3	S2	1.203	500	650	350
300	345	100	122	120	150	120.3	S3	0.601	300	650	300
300	345	150	177	120	150	101.3	S1	2.026	450	650	750
300	345	150	177	120	150	101.3	S2	1.013	450	650	300
300	345	150	177	120	150	101.3	S3	0.506	250	650	300
300	345	200	232	120	150	75.3	S1	1.506	450	650	500
300	345	200	232	120	150	75.3	S2	0.753	300	650	300
300	345	200	232	120	150	75.3	S3	0.377	200	650	300
300	345	225	259	120	150	60.0	S1	1.200	400	650	450
300	345	225	259	120	150	60.0	S2	0.600	250	650	300
300	345	225	259	120	150	60.0	S3	0.300	150	650	300
300	345	250	286	120	150	43.0	S1	0.860	350	650	300
300	345	250	286	120	150	43.0	S2	0.430	150	650	300
300	345	250	286	120	150	43.0	S3	0.215	100	650	300

NOTES:

- THIS DRAWING MUST BE READ IN JUNCTION WITH DTC/1100.
- THRUST BLOCKS DESIGNED TO WITHSTAND A DESIGN PRESSURE OF 120m AND A TEST PRESSURE OF 150m HEAD OF WATER.
- CAST THE THRUST AREA OF ALL THRUST BLOCKS AGAINST A CLEAN FACE OF UNDISTURBED NATURAL SOIL. THRUST BLOCKS NOT TO INTERFERE WITH OTHER SERVICES.
- DO NOT USE THRUST BLOCKS SPECIFIED IN THIS DRAWING IN SOILS WHERE THE NATURAL SOIL DOES NOT MEET THE MINIMUM REQUIREMENTS IN TABLE F6 ON DTC/1100.
- DI TAPER TO BE WRAPPED IN PE SLEEVEING. WHEN CONNECTING TO PVC OR GRP PIPE (WITHOUT PE SLEEVE), PE SLEEVE TO BE TAPED TO PIPE 500mm PAST JOINT TO DICL SOCKET.
- DO NOT APPLY ANY THRUST LOADS FOR AT LEAST 14 DAYS AFTER POURING CONCRETE.
- REFER TO TABLE F6 ON DTC/1100 FOR SOIL TYPES.
- MINIMUM COVER OF 750mm MUST BE PROVIDED WHERE A THRUST BLOCK SIZED FOR SOIL TYPE S2 IS INSTALLED IN THE CORRESPONDING SAND MATERIAL (REFER TO NOTE 7). ALTERNATIVELY, USE A THRUST BLOCK SIZED FOR SOIL TYPE S1.