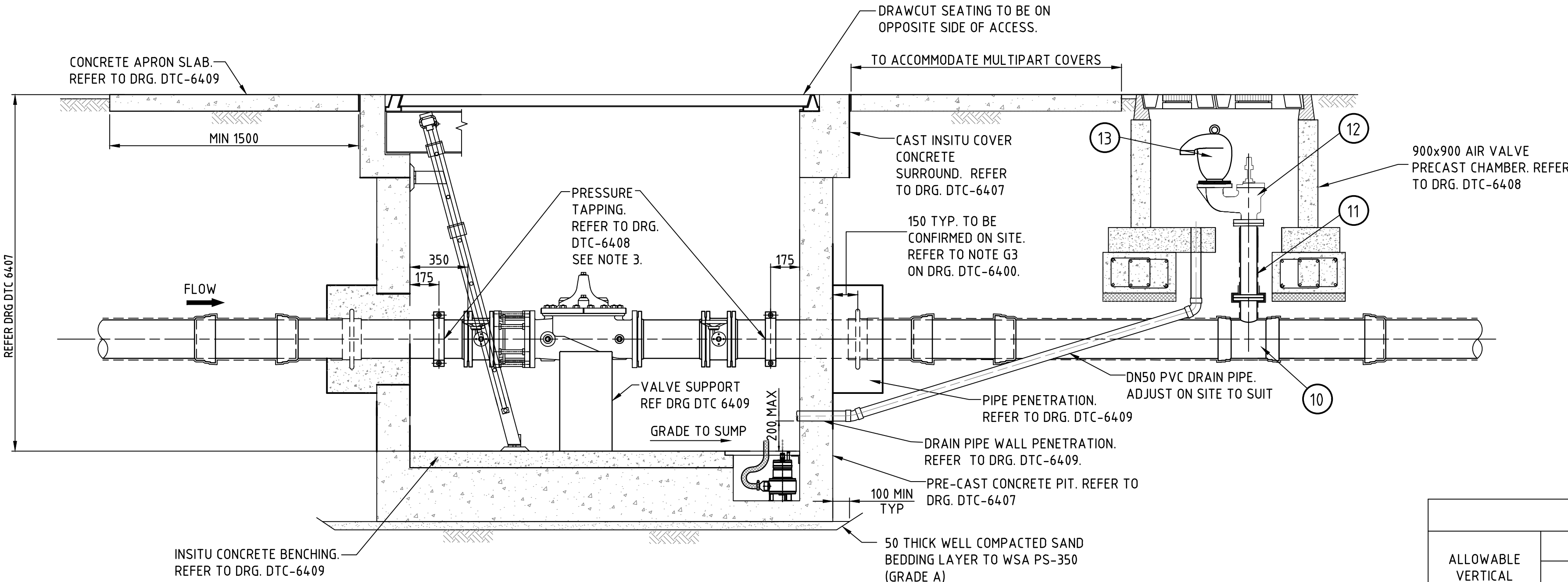
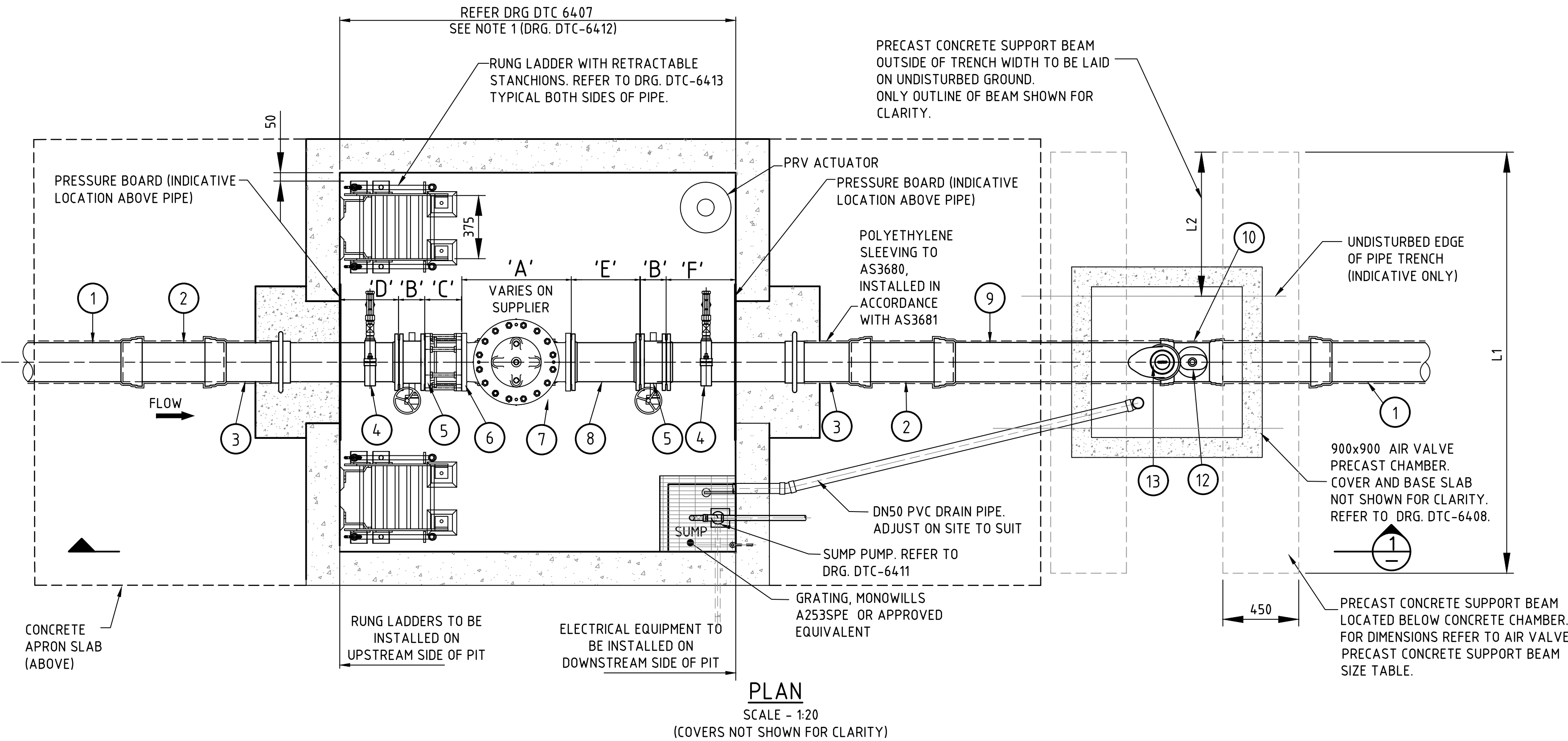
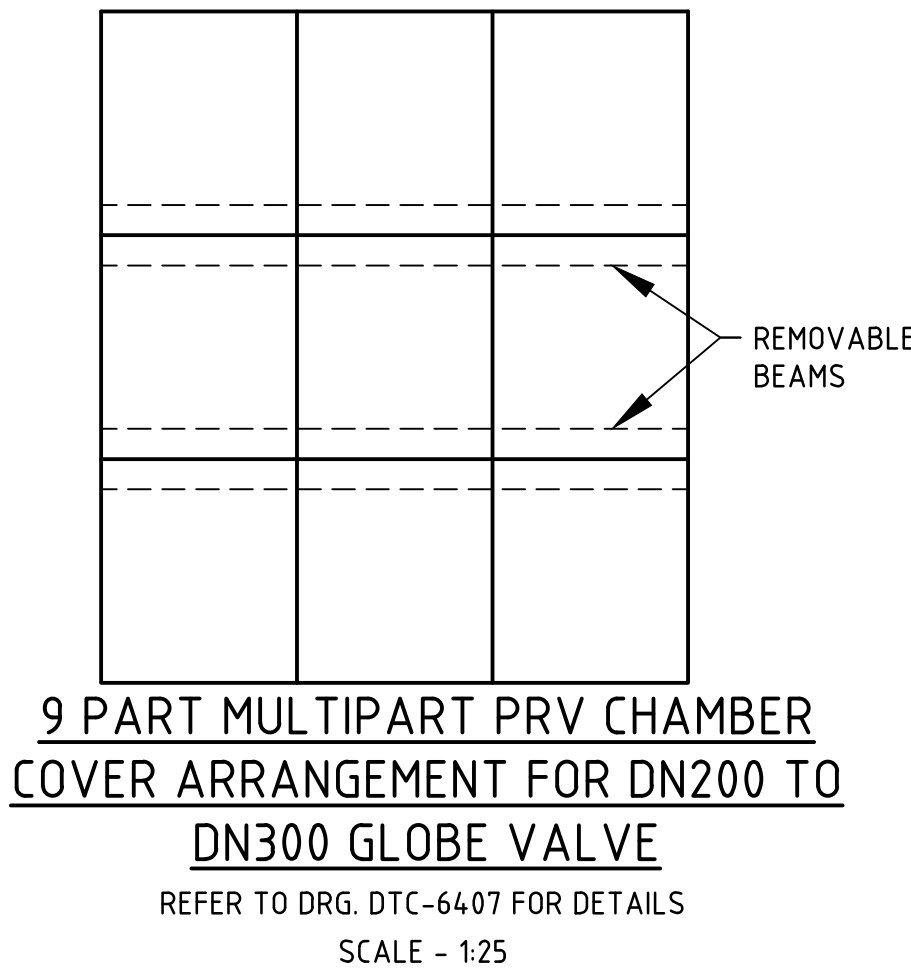


FOR PIT DIM'S REFER DRG DTC 6407

FOR NOTES & REFERENCE DRAWINGS SEE DRAWING No. DTC-6400

- NOTES:
- 3mm THICK GASKETS TO BE PROVIDED BETWEEN ALL FLANGES.
  - PRESSURE TAPPING IS TO BE INSTALLED VIA A PRE-DRILLED BOSS, CAST ONTO THE DICL PIPEWORK DURING FABRICATION, IF OPTION AVAILABLE. OTHERWISE TAPPING BAND AS SHOWN TO BE USED.



VALVE SIZE	A MAX DIM.	B	C	D	E MIN DIM	F
DN200	645	152	194	350	489	350
DN250	756	165	194	350	352	350
DN300	865	178	194	350	217	350

SECTION 1  
SCALE 1:20  
(PRV ACTUATOR AND ELECTRICAL CONDUITS NOT SHOWN FOR CLARITY)

MK. No	DESCRIPTION	No. OFF	MAT'L	REMARKS
13	AIR VALVE (DN80) - AUTOMATIC KINETIC TYPE WITH DOUBLE ORIFICE AND ANTI-SLAM, FLANGE TO AS4087 PN16	1	DI	AS 4956; SWC MECHANICAL SPEC.
12	AIR VALVE ISOLATOR (DN80), FLANGE TO AS4087 PN16	1	DI	SWC EPS 500; SWC MECHANICAL SPEC.
11	FL-FL HYDRANT RISER (DN80), FLANGE TO AS4087 PN16, L=450 (DN200/DN250 PRV) AND L=375 (DN300 PRV)	1	DICL	AS / NZ 2280; SWC EPS 500
10	SO-SO-FL TEE (PN35), DN200/250/300 BODY WITH DN80 BRANCH, FLANGE TO AS4087 PN16	1	DICL	AS / NZ 2280; SWC EPS 500
9	SO-SP PIPE (PN35), L=1300	1	DICL	AS / NZ 2280; SWC EPS 500
8	FL-FL SPOOL PIPE, FLANGE TO AS4087 PN16	1	DICL	AS / NZ 2280; SWC EPS 500
7	PRESSURE REDUCING VALVE, GLOBE TYPE, FLANGED AS4087 PN16	1	DI	AS5081; SWC MECHANICAL SPEC.
6	DISMANTLING JOINT, SHORT BODY, THRUST TYPE, PN16 (VIKING JOHNSON) OR APPROVED EQUIVALENT	1	SS 316	-
5	BUTTERFLY VALVE, RESILIENT SEATED BI-DIRECTIONAL CONCENTRIC VULCANISED SEAL-ON-BODY OR DOUBLE OFFSET SEAL-ON-DISC, DOUBLE FLANGED AS4087 PN16 (HORIZONTAL INSTALLATION)	2	DI	AS4795.2; SWC MECHANICAL SPEC.
4	PRESSURE TAPPING	2	-	REFER DRG. DTC 6408
3	FL - SO PIPE WITH PUDDLE FLANGE (FLANGE CLASS), FLANGE TO AS4087 PN 16. FL=700, SO=450, L=1150	2	DICL	AS / NZ 2280; SWC EPS 500
2	SP - SP ROCKER PIPE (PN35) L= 600	2	DICL	AS / NZ 2280; SWC EPS 500
1	SP - SO PIPE (PN35) LENGTH TO SUIT	2	DICL	AS / NZ 2280; SWC EPS 500

AIR VALVE CHAMBER PRECAST CONCRETE SUPPORT BEAM SIZE TABLE										
ALLOWABLE VERTICAL BEARING PRESSURE (kPa)	CARRIAGE-WAY						FOOTWAY			
	>100kPa		>200kPa		>400kPa		>100kPa		>200kPa	
	TOTAL LENGTH (L1)	SIDE SUPPORT (L2)	TOTAL LENGTH (L1)	SIDE SUPPORT (L2)	TOTAL LENGTH (L1)	SIDE SUPPORT (L2)	TOTAL LENGTH (L1)	SIDE SUPPORT (L2)	TOTAL LENGTH (L1)	SIDE SUPPORT (L2)
DN200-DN300	3550	1350	2200	675	1550	350	2500	825	1700	425

