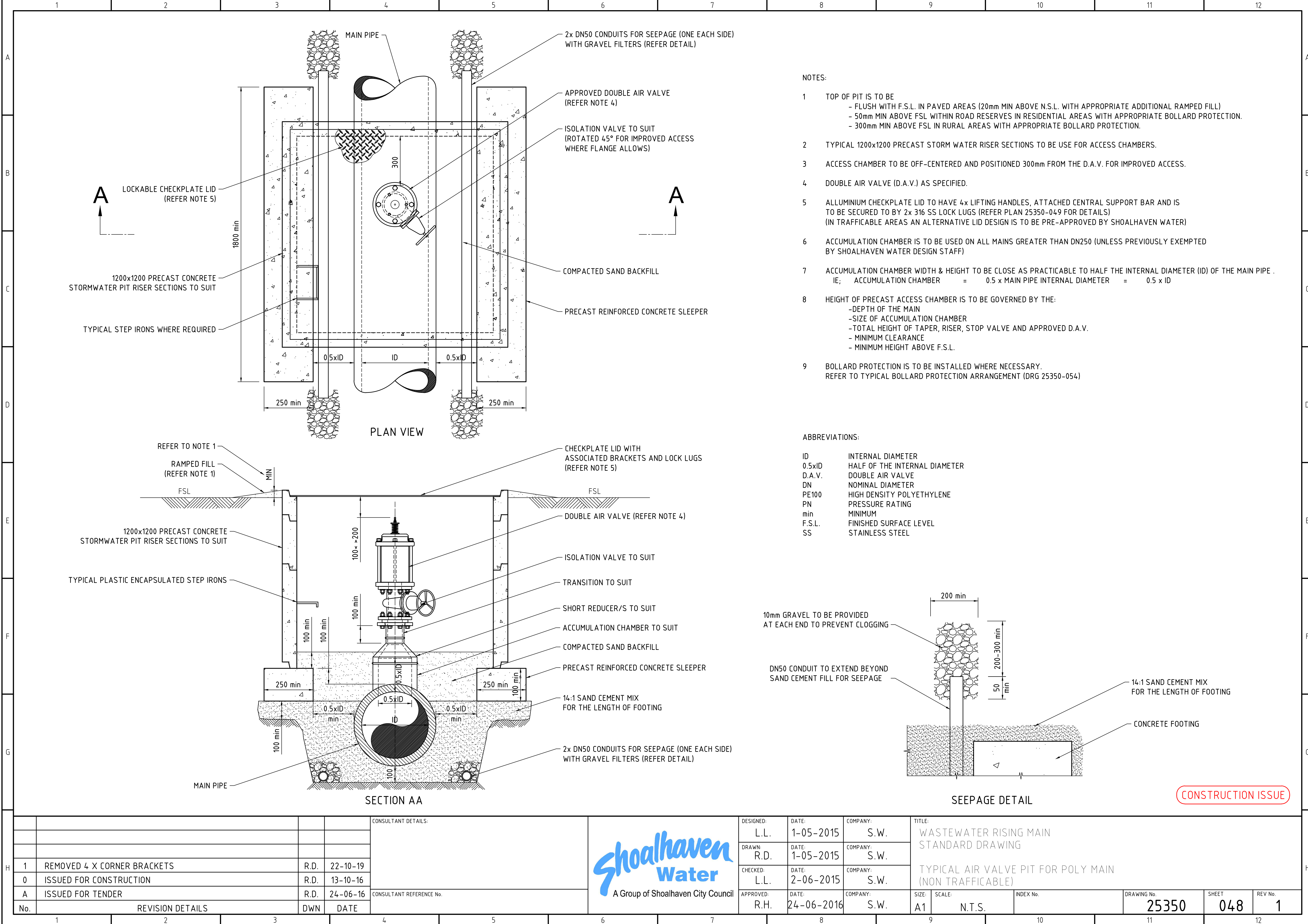


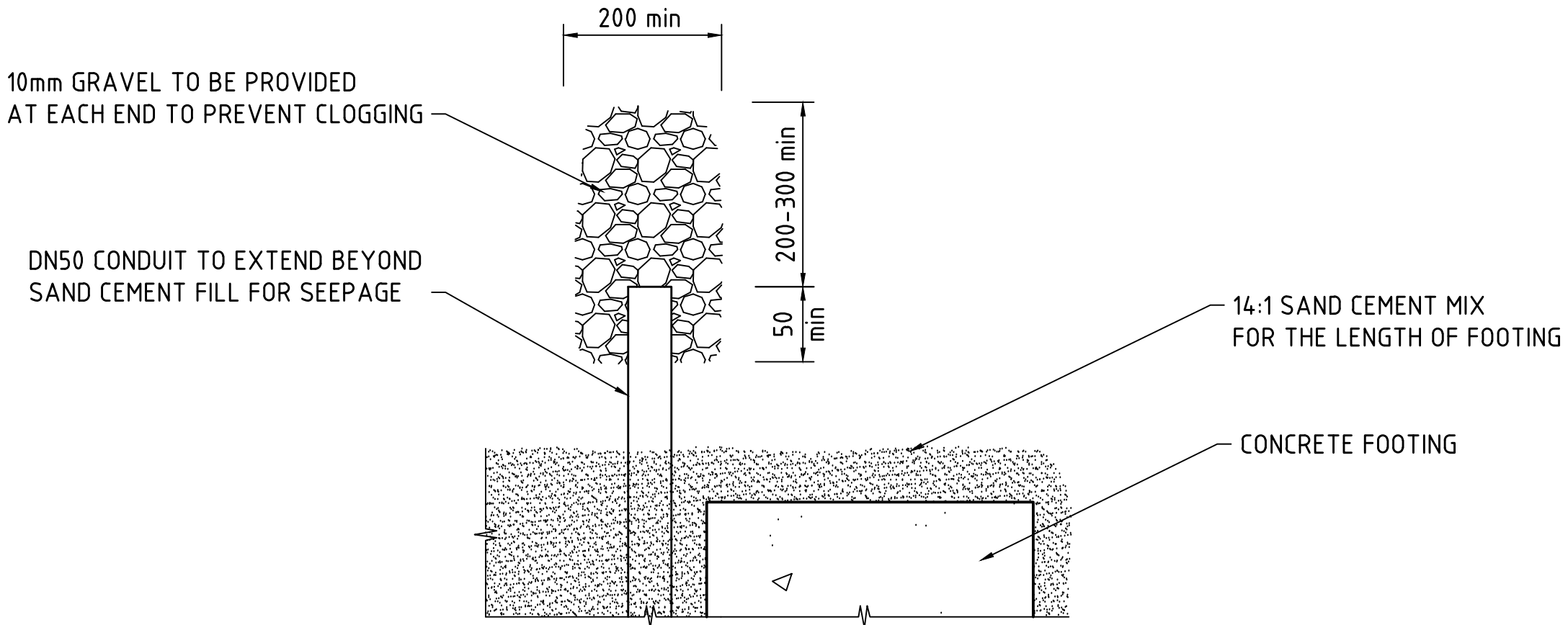


NOTES:

- 1 TOP OF PIT IS TO BE
 - FLUSH WITH F.S.L. IN PAVED AREAS (20mm MIN ABOVE N.S.L. WITH APPROPRIATE ADDITIONAL RAMPED FILL)
 - 50mm MIN ABOVE FSL WITHIN ROAD RESERVES IN RESIDENTIAL AREAS WITH APPROPRIATE BOLLARD PROTECTION.
 - 300mm MIN ABOVE FSL IN RURAL AREAS WITH APPROPRIATE BOLLARD PROTECTION.
- 2 TYPICAL 1200x1200 PRECAST STORM WATER RISER SECTIONS TO BE USE FOR ACCESS CHAMBERS.
- 3 ACCESS CHAMBER TO BE OFF-CENTERED AND POSITIONED 300mm FROM THE D.A.V. FOR IMPROVED ACCESS.
- 4 DOUBLE AIR VALVE (D.A.V.) AS SPECIFIED.
- 5 ALLUMINIUM CHECKPLATE LID TO HAVE 4x LIFTING HANDLES, ATTACHED CENTRAL SUPPORT BAR AND IS TO BE SECURED TO BY 2x 316 SS LOCK LUGS (REFER PLAN 25350-049 FOR DETAILS) (IN TRAFFICABLE AREAS AN ALTERNATIVE LID DESIGN IS TO BE PRE-APPROVED BY SHOALHAVEN WATER)
- 6 ACCUMULATION CHAMBER IS TO BE USED ON ALL MAINS GREATER THAN DN250 (UNLESS PREVIOUSLY EXEMPTED BY SHOALHAVEN WATER DESIGN STAFF)
- 7 ACCUMULATION CHAMBER WIDTH & HEIGHT TO BE CLOSE AS PRACTICABLE TO HALF THE INTERNAL DIAMETER (ID) OF THE MAIN PIPE .
IE; ACCUMULATION CHAMBER = 0.5 x MAIN PIPE INTERNAL DIAMETER = 0.5 x ID
- 8 HEIGHT OF PRECAST ACCESS CHAMBER IS TO BE GOVERNED BY THE:
 - DEPTH OF THE MAIN
 - SIZE OF ACCUMULATION CHAMBER
 - TOTAL HEIGHT OF TAPER, RISER, STOP VALVE AND APPROVED D.A.V.
 - MINIMUM CLEARANCE
 - MINIMUM HEIGHT ABOVE F.S.L.
- 9 BOLLARD PROTECTION IS TO BE INSTALLED WHERE NECESSARY.
REFER TO TYPICAL BOLLARD PROTECTION ARRANGEMENT (DRG 25350-054)

ABBREVIATIONS:

ID	INTERNAL DIAMETER
0.5xID	HALF OF THE INTERNAL DIAMETER
D.A.V.	DOUBLE AIR VALVE
DN	NOMINAL DIAMETER
PE100	HIGH DENSITY POLYETHYLENE
PN	PRESSURE RATING
min	MINIMUM
F.S.L.	FINISHED SURFACE LEVEL
SS	STAINLESS STEEL



CONSTRUCTION ISSUE

				CONSULTANT DETAILS:		 A Group of Shoalhaven City Council		DESIGNED: L.L.		DATE: 1-05-2015		COMPANY: S.W.		TITLE: WASTEWATER RISING MAIN STANDARD DRAWING									
								DRAWN: R.D.		DATE: 1-05-2015		COMPANY: S.W.											
								CHECKED: L.L.		DATE: 2-06-2015		COMPANY: S.W.		TYPICAL AIR VALVE PIT FOR POLY MAIN (NON TRAFFICABLE)									
								APPROVED: R.H.		DATE: 24-06-2016		COMPANY: S.W.								SIZE: A1		SCALE: N.T.S.	
				CONSULTANT REFERENCE No.																			