

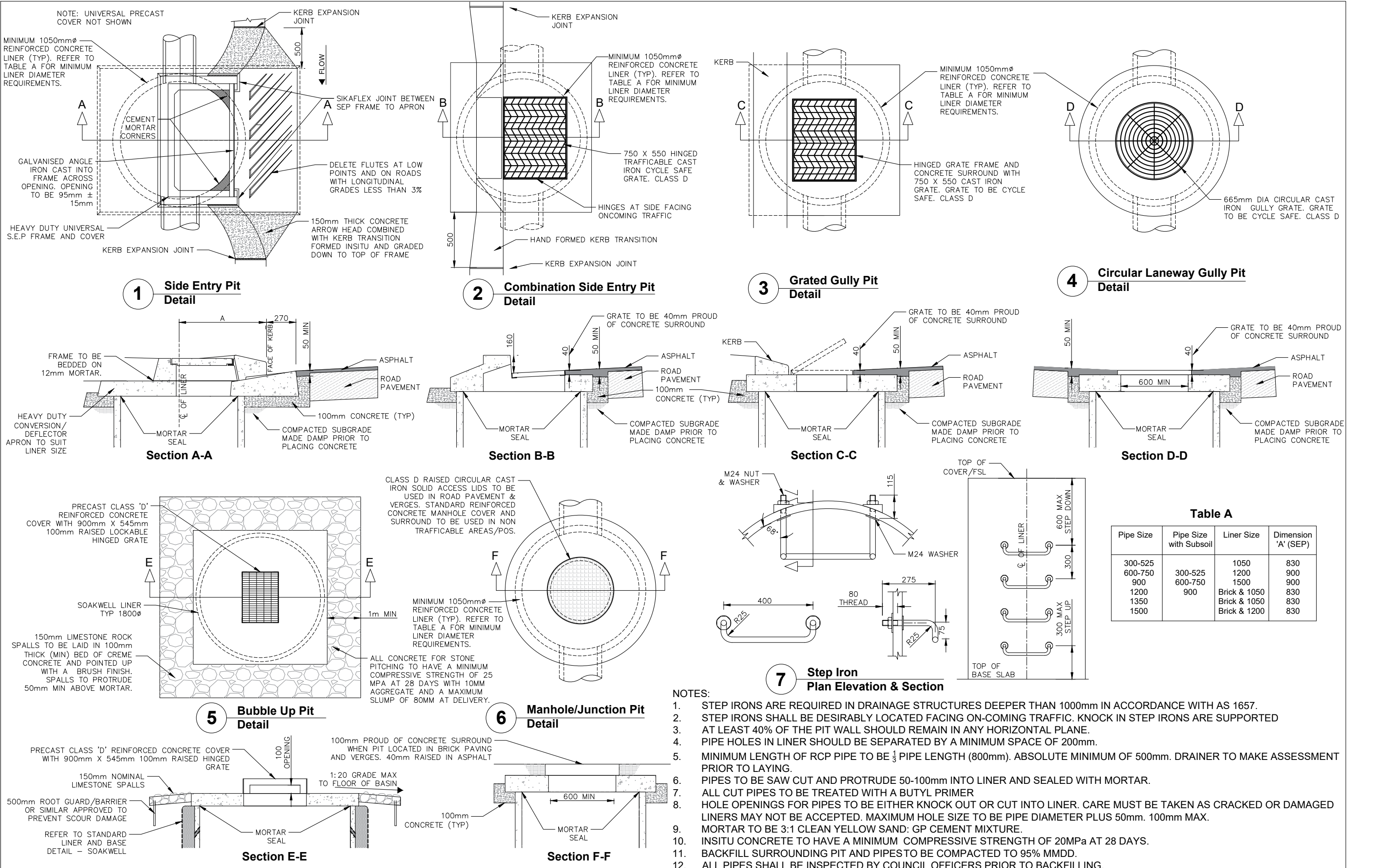


Table A			
Pipe Size	Pipe Size with Subsoil	Liner Size	Dimension 'A' (SEP)
300-525		1050	830
600-750	300-525	1200	900
900	600-750	1500	900
1200	900	Brick & 1050	830
1350		Brick & 1050	830
1500		Brick & 1200	830

- NOTES:
- STEP IRONS ARE REQUIRED IN DRAINAGE STRUCTURES DEEPER THAN 1000mm IN ACCORDANCE WITH AS 1657.
 - STEP IRONS SHALL BE DESIRABLY LOCATED FACING ON-COMING TRAFFIC. KNOCK IN STEP IRONS ARE SUPPORTED AT LEAST 40% OF THE PIT WALL SHOULD REMAIN IN ANY HORIZONTAL PLANE.
 - PIPE HOLES IN LINER SHOULD BE SEPARATED BY A MINIMUM SPACE OF 200mm.
 - MINIMUM LENGTH OF RCP PIPE TO BE $\frac{1}{3}$ PIPE LENGTH (800mm). ABSOLUTE MINIMUM OF 500mm. DRAINER TO MAKE ASSESSMENT PRIOR TO LAYING.
 - PIPES TO BE SAW CUT AND PROTRUDE 50-100mm INTO LINER AND SEALED WITH MORTAR.
 - ALL CUT PIPES TO BE TREATED WITH A BUTYL PRIMER
 - HOLE OPENINGS FOR PIPES TO BE EITHER KNOCK OUT OR CUT INTO LINER. CARE MUST BE TAKEN AS CRACKED OR DAMAGED LINERS MAY NOT BE ACCEPTED. MAXIMUM HOLE SIZE TO BE PIPE DIAMETER PLUS 50mm. 100mm MAX.
 - MORTAR TO BE 3:1 CLEAN YELLOW SAND: GP CEMENT MIXTURE.
 - INSITU CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 20MPa AT 28 DAYS.
 - BACKFILL SURROUNDING PIT AND PIPES TO BE COMPACTED TO 95% MMDD.
 - ALL PIPES SHALL BE INSPECTED BY COUNCIL OFFICERS PRIOR TO BACKFILLING.

C	JUN 26	DRAWING UPDATED
B	MAR 23	LOT CONNECTION SECTION, NOTES REVISED
A	MAY 20	ISSUED FOR INFORMATION
REV	DATE	AMENDMENT

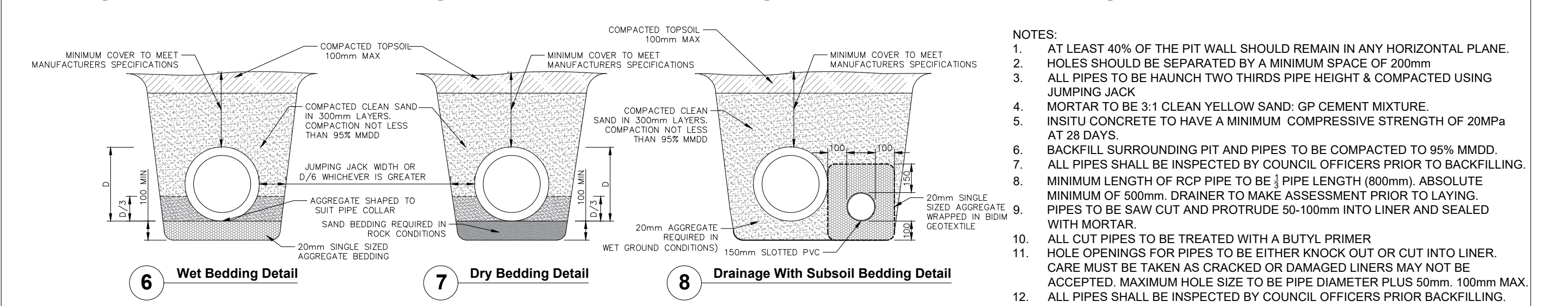
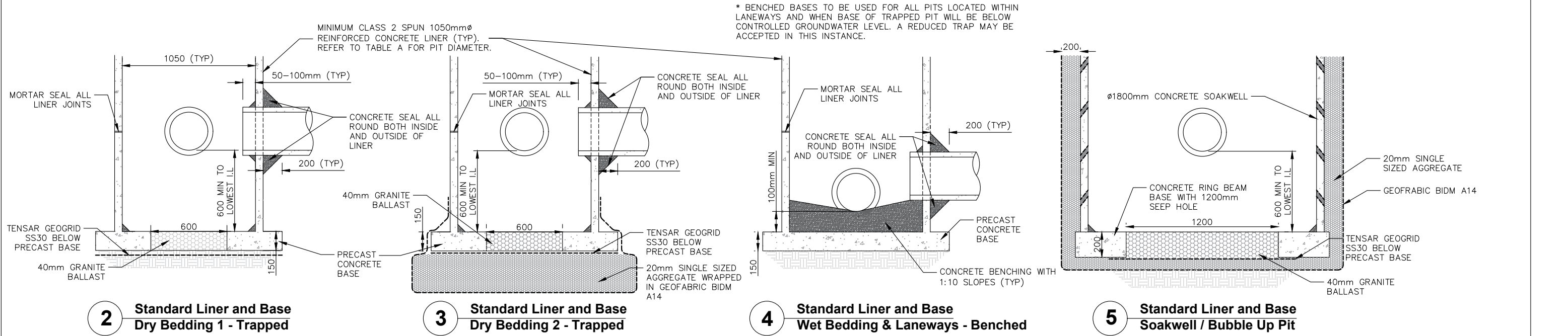
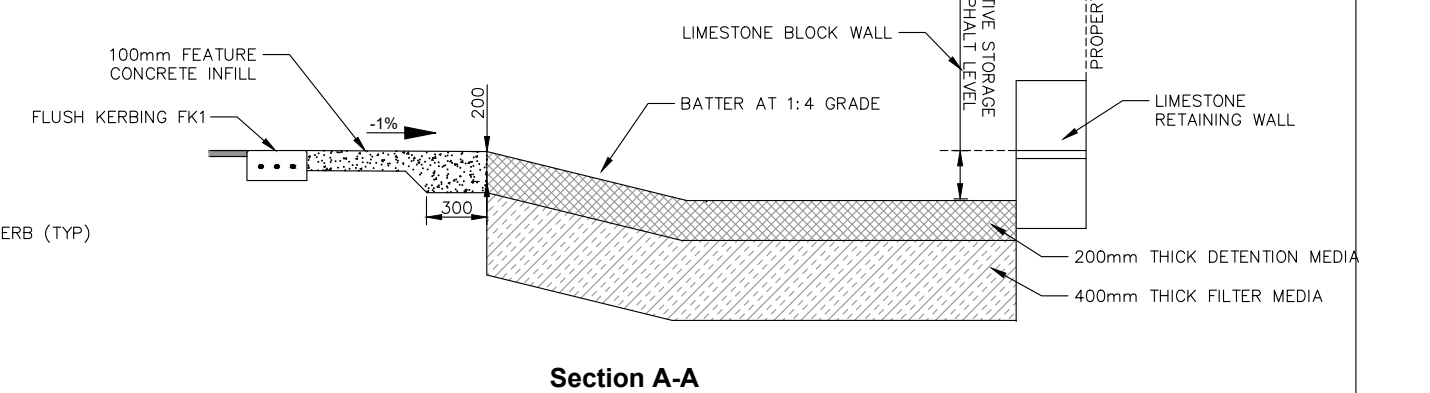
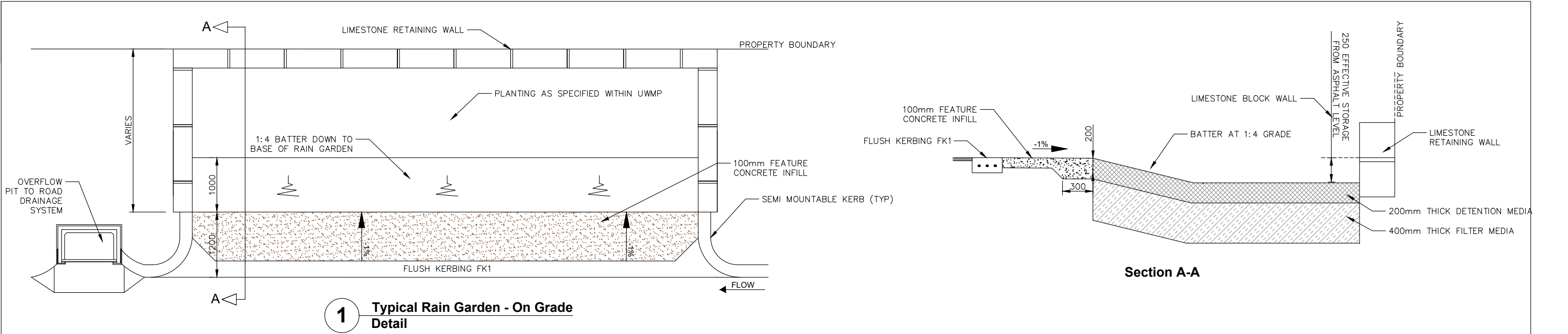


where the coast comes to life

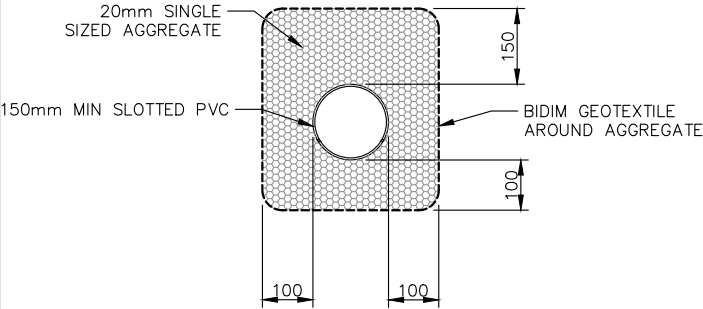
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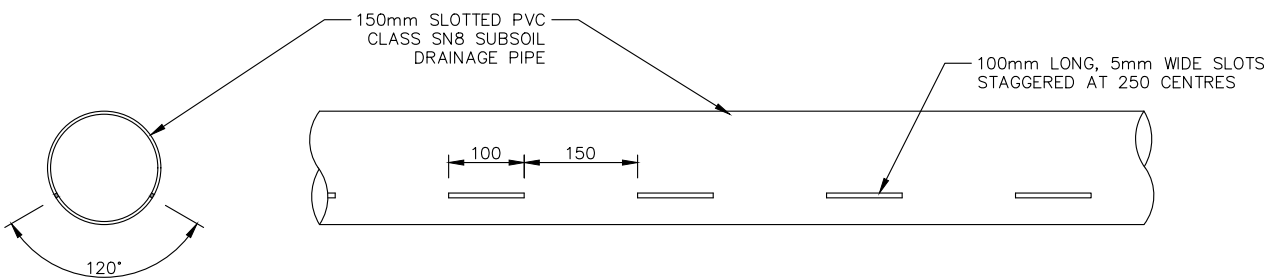
NOT FOR CONSTRUCTION / INDICATIVE ONLY		
DRAWN	M CRUTCHETT	
CHECKED	P JACOBS	
APPROVED	J HENSON 05/2020 (MANAGER LAND & DEVELOPMENT INFRASTRUCTURE)	
FILE NAME	DRAWING NUMBER	REVISION
	007	C



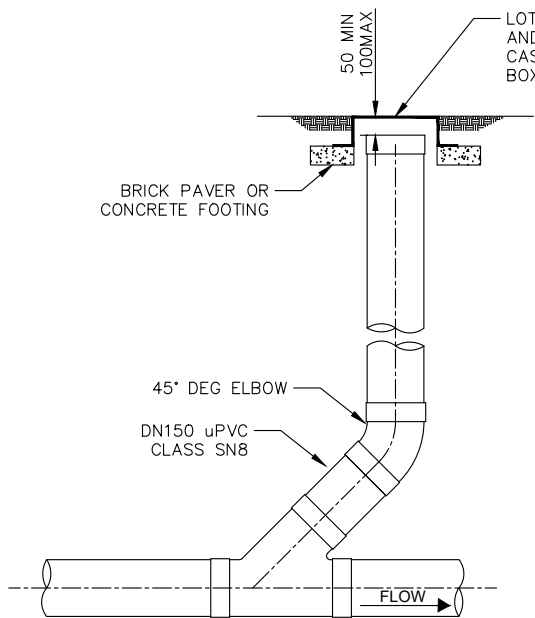
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 5. INSITU CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 20MPa AT 28 DAYS.
 6. BACKFILL SURROUNDING PIT AND PIPES TO BE COMPACTED TO 95% MMDD.
 7. ALL PIPES SHALL BE INSPECTED BY COUNCIL OFFICERS PRIOR TO BACKFILLING.
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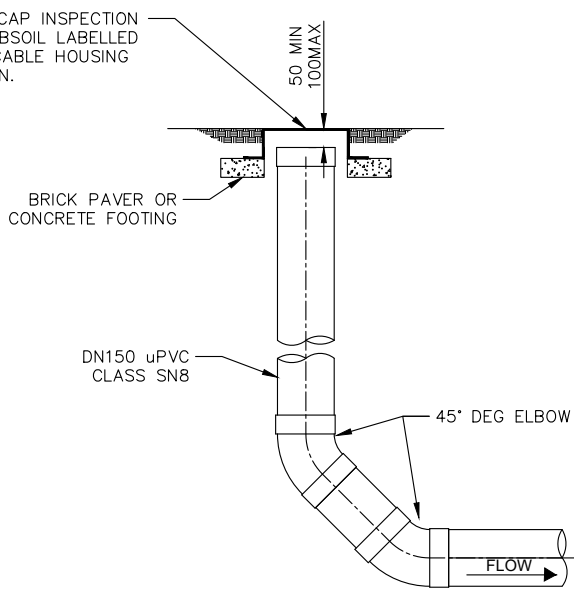
1 Subsoil Detail



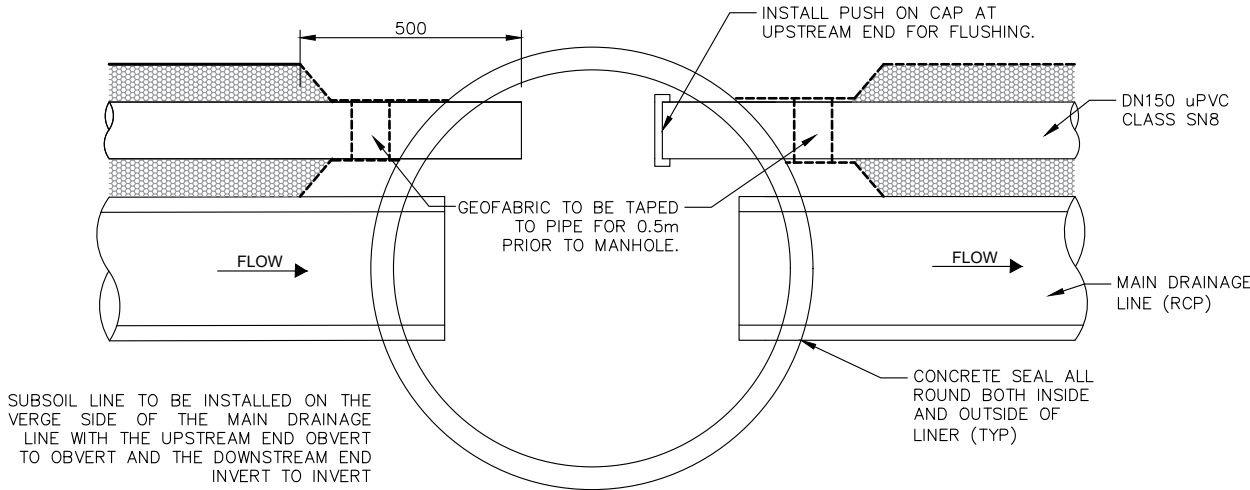
2 Typical Subsoil Slot Layout



3 Subsoil Maintenance Riser Inline



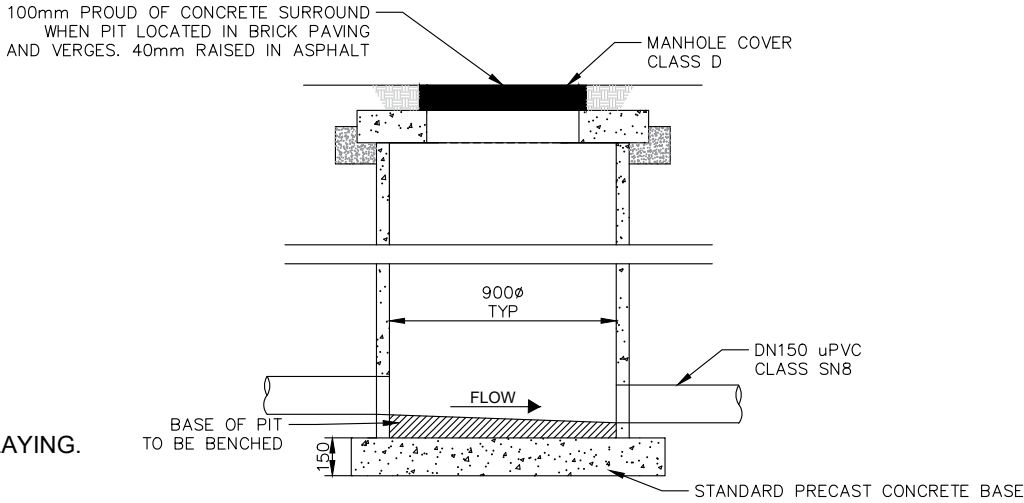
4 Subsoil Maintenance Riser End



5 Subsoil Drainage Detail

NOTES:

1. MAINTENANCE RISER TO BE LOCATED AT 60m MAX SPACING AND UPSTREAM EXTREMITIES.
2. MAINTENANCE CHAMBERS ARE TO BE USED EVERY 120m AND AT THE JUNCTION OF TWO OR MORE INLET PIPES AND THE CHANGE OF PIPE SIZE.
3. SUBSOIL PIPE TO BE SLOTTED UPVC CLASS SN8.
4. RCP OR UNSLOTTED UPVC CLASS SN8 TO BE USED DIRECTLY UNDER ROAD PAVEMENTS.
5. STEP IRONS ARE REQUIRED IN DRAINAGE STRUCTURES DEEPER THAN 1000MM IN ACCORDANCE WITH AS1657.
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6 Subsoil Maintenance Chamber

LAND & DEVELOPMENT INFRASTRUCTURE STANDARD DETAILS

DRAINAGE DETAILS 3

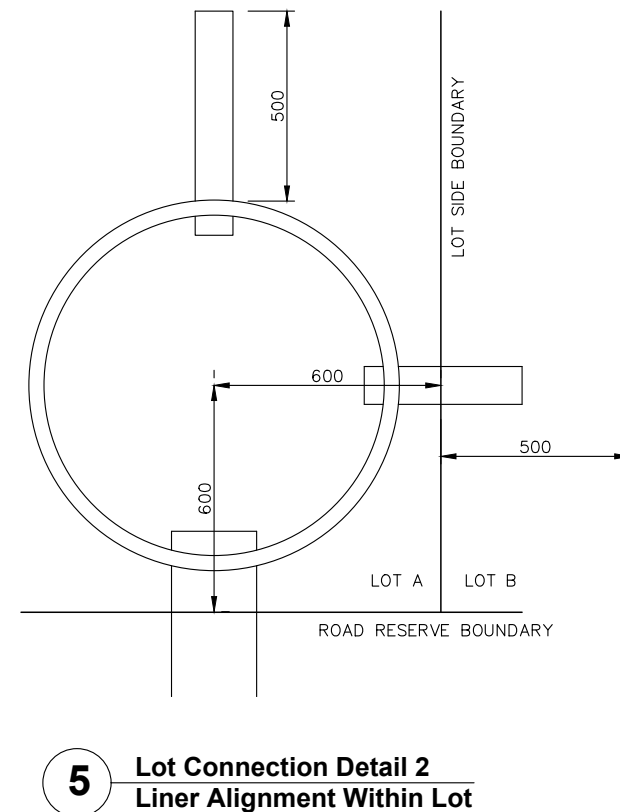
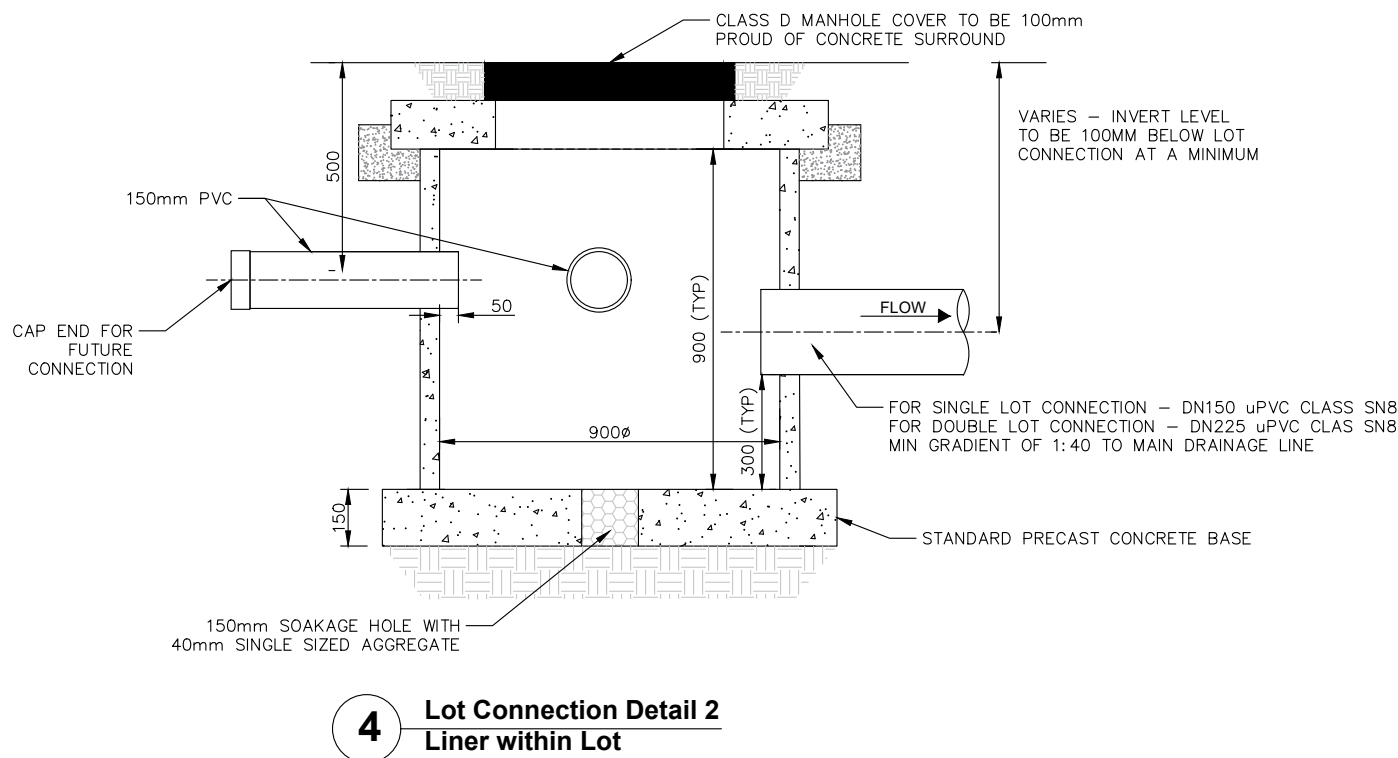
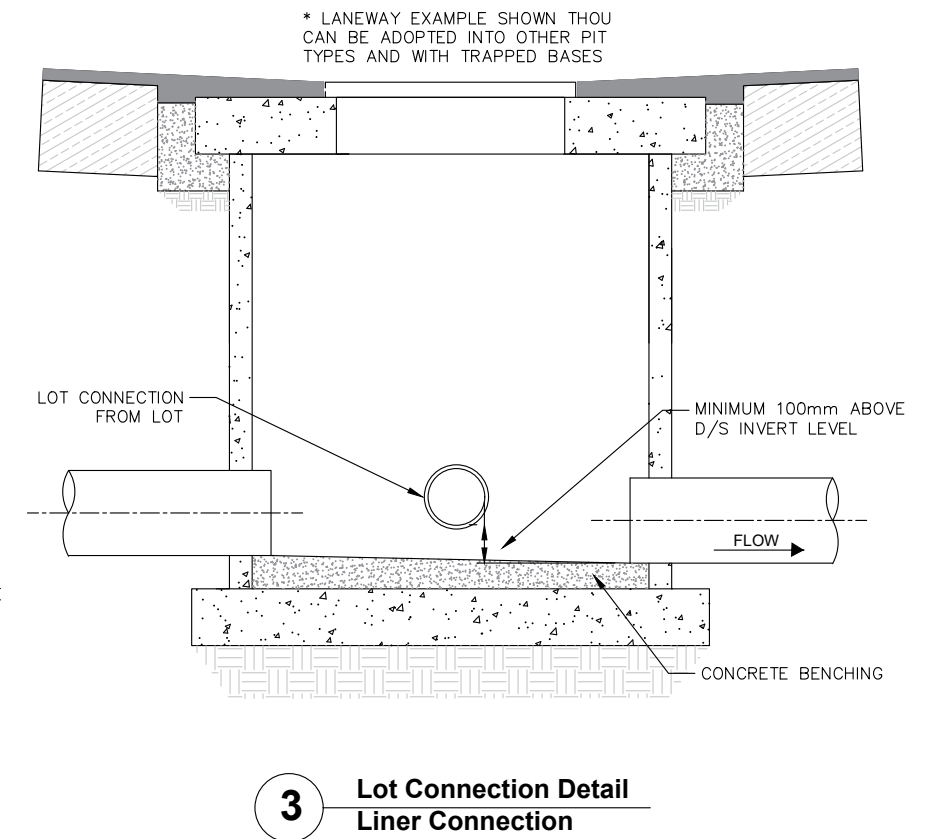
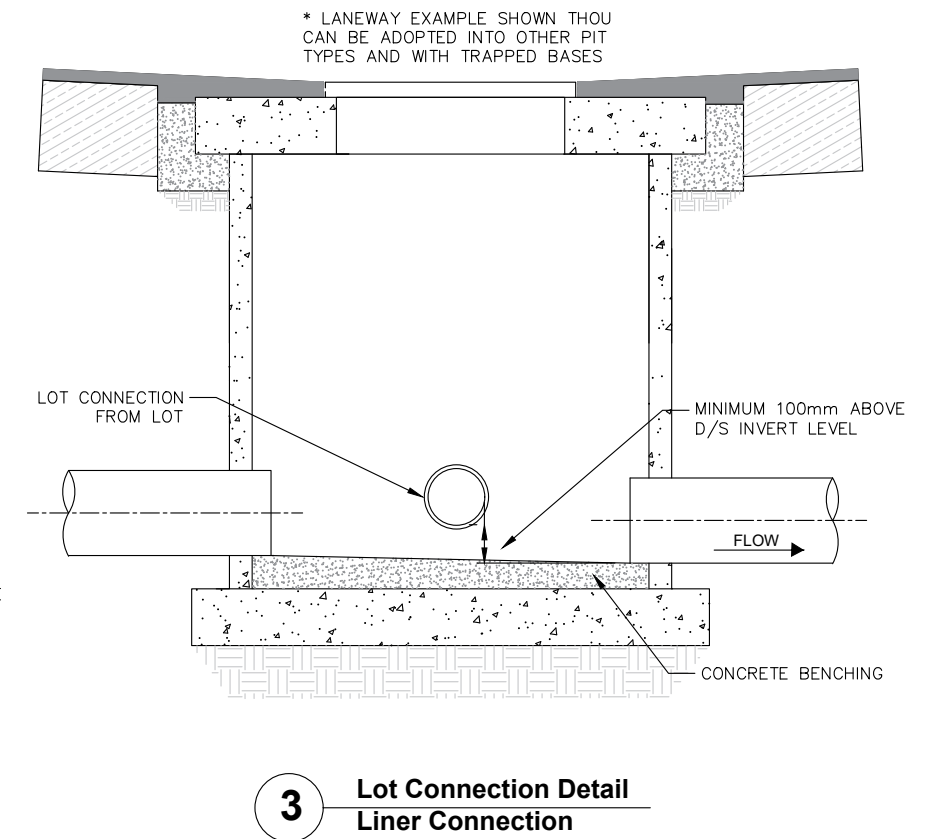
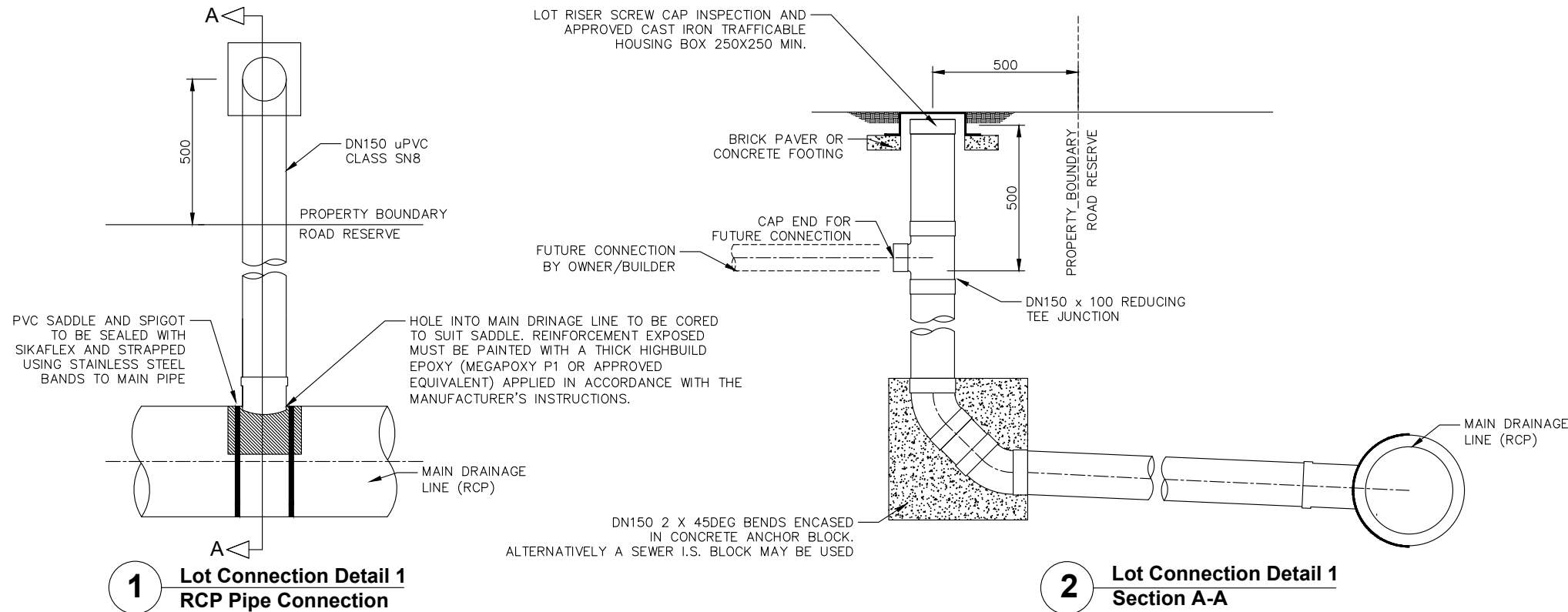
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CHECKED	P JACOBS	
APPROVED	J HENSON	03/2023
(MANAGER LAND & DEVELOPMENT INFRASTRUCTURE)		
FILE NAME	DRAWING NUMBER	REVISION
	009	B

A3 SCALE:
NOT TO SCALE



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