

CITY OF ALBANY ENGINEERING SERVICES

STANDARD CONSTRUCTION DRAWINGS

<u>CATEGORY</u>	<u>DRAWING No.</u>	<u>DRAWING TITLE</u>	<u>REVISION</u>
DRAINAGE	STD-01-01	TYPICAL MANHOLE	REV 0
	STD-01-02	UNIVERSAL SIDE ENTRY PIT	REV 0
	STD-01-03	COMBINATION SIDE ENTRY PIT	REV 0
	STD-01-04	GRATED GULLY PIT	REV 0
	STD-01-05	HOUSE CONNECTION PIT	REV 0
	STD-01-06	UNDERGROUND STORAGE PIT	REV 0
	STD-01-07	KERB OUTLET	REV 0
KERBING	STD-02-01	TYPE 1 KERB PROFILES	REV 0
	STD-02-02	TYPE 2 KERB PROFILES	REV 0
	STD-02-03	TYPE 3 KERB PROFILES	REV 0
	STD-02-04	CONCRETE APRON	REV 0
PATHWAYS	STD-03-01	CONCRETE PATHWAY DETAILS	REV 0
	STD-03-02	ASPHALT PATHWAY DETAILS	REV 0
	STD-03-03	PEDESTRIAN RAMP - TYPE 1	REV 0
	STD-03-04	PEDESTRIAN RAMP - TYPE 2	REV 0
SIGNS	STD-04-01	STREET NAME SIGNS	REV 0
CROSSOVERS	STD-05-01	STANDARD CROSSOVER - CONCRETE	REV 0
	STD-05-02	STANDARD CROSSOVER - ASPHALT	REV 0
	STD-05-03	STANDARD CROSSOVER - PAVED	REV 0

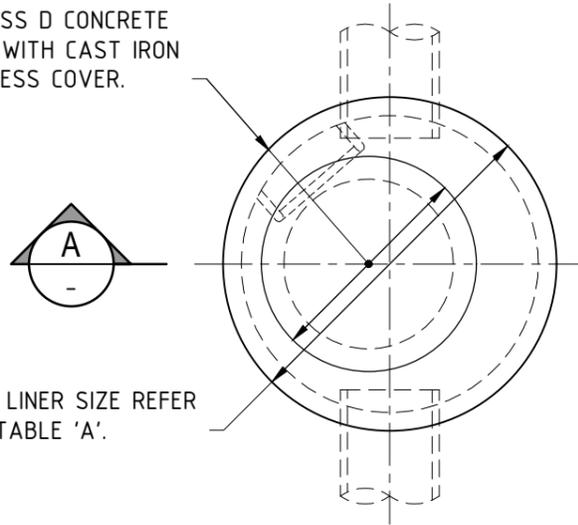


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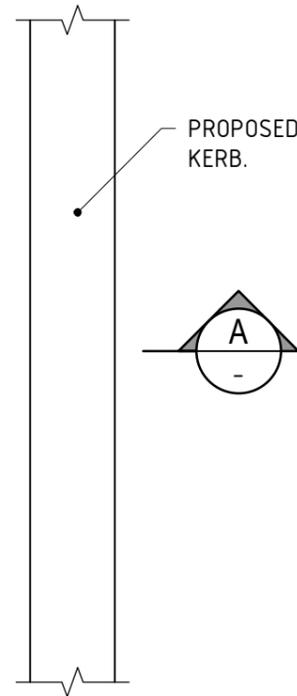
NOTE: WHEN MANHOLE IS LOCATED IN PATHWAY COVER TO BE SQUARE.

CLASS D CONCRETE LID WITH CAST IRON ACCESS COVER.

FOR LINER SIZE REFER TO TABLE 'A'.



PLAN



LID LEVEL TO BE ADJUSTED TO SUIT FINISHED GROUND LEVEL.

2.0%

MORTAR BEDDING AND FILLET.

FOR LINER SIZE REFER TO 'TABLE A'.

GEOTEXTILE WRAP TO BASE OF PIT

NOMINAL 14mm AGGREGATE FILLED WEEP HOLE ON GEOTEXTILE SHEET.

φ OF LINER

1200

SECTION A-A

ASPHALTIC CONCRETE SEAL.

COMPACTED GRAVEL BASECOURSE.

ALL PIPES TO BE FINISHED WITH MORTAR FILLET. 50mm INSIDE, 100mm OUTSIDE

PRECAST CONCRETE BASE SLAB.

TYPICAL MANHOLE

SCALE: 1:25

NOTE: STEP IRONS TO BE INSTALLED WHERE DEPTH IS GREATER THAN 1000mm FROM COVER TO BASE @300mm CENTRES. BOTTOM STEP 300mm ABOVE BASE. STEP IRONS ARE TO BE BOLTED ON THE WALL FACING ONCOMING TRAFFIC.

TABLE A

PIPE SIZE φ	LINER TO BE SPUN CONCRETE WITH INTERLOCKING JOINTS
225 - 450	DN1050
525 - 600	DN1200

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



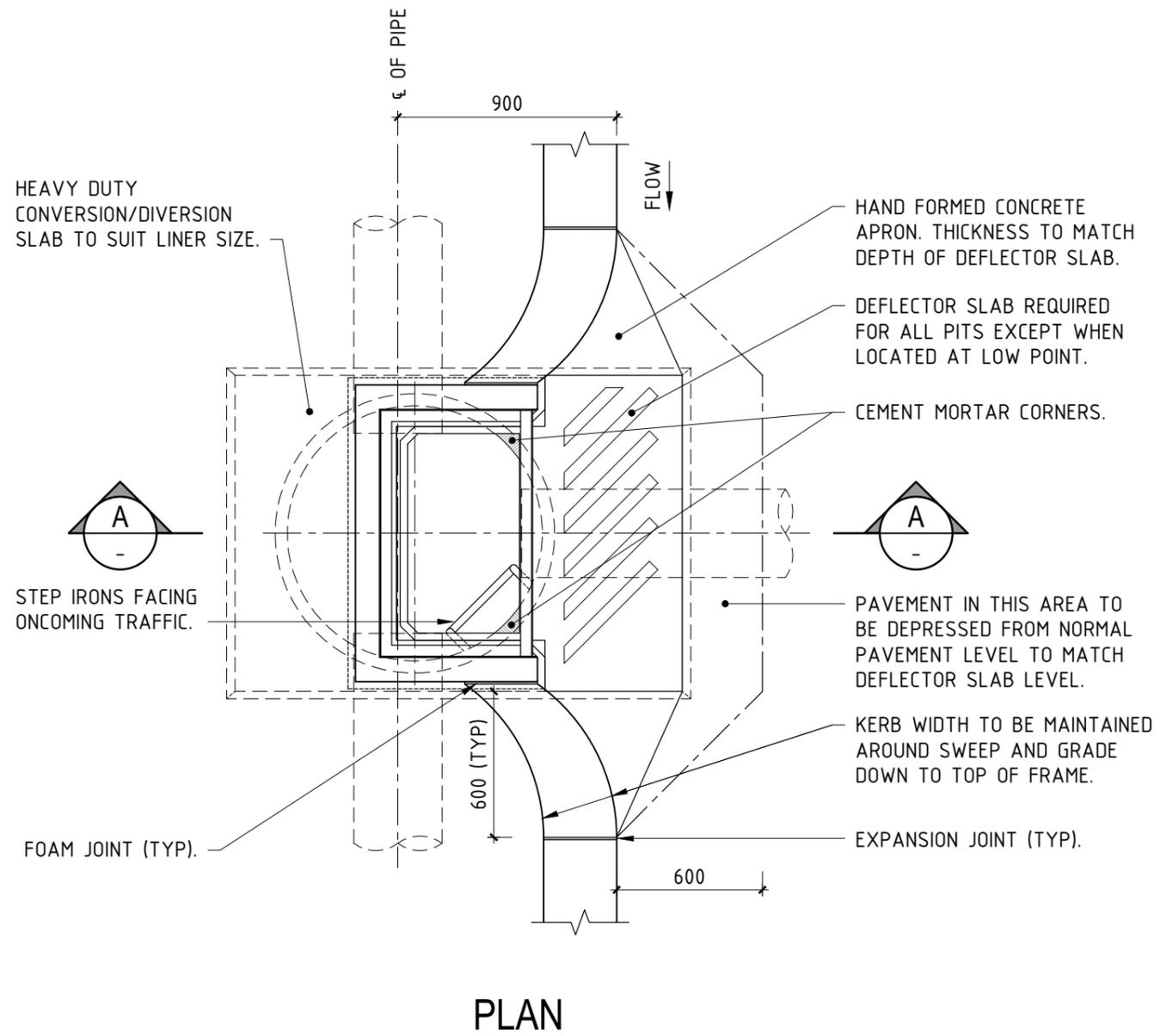
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CONSTRUCTION ISSUE

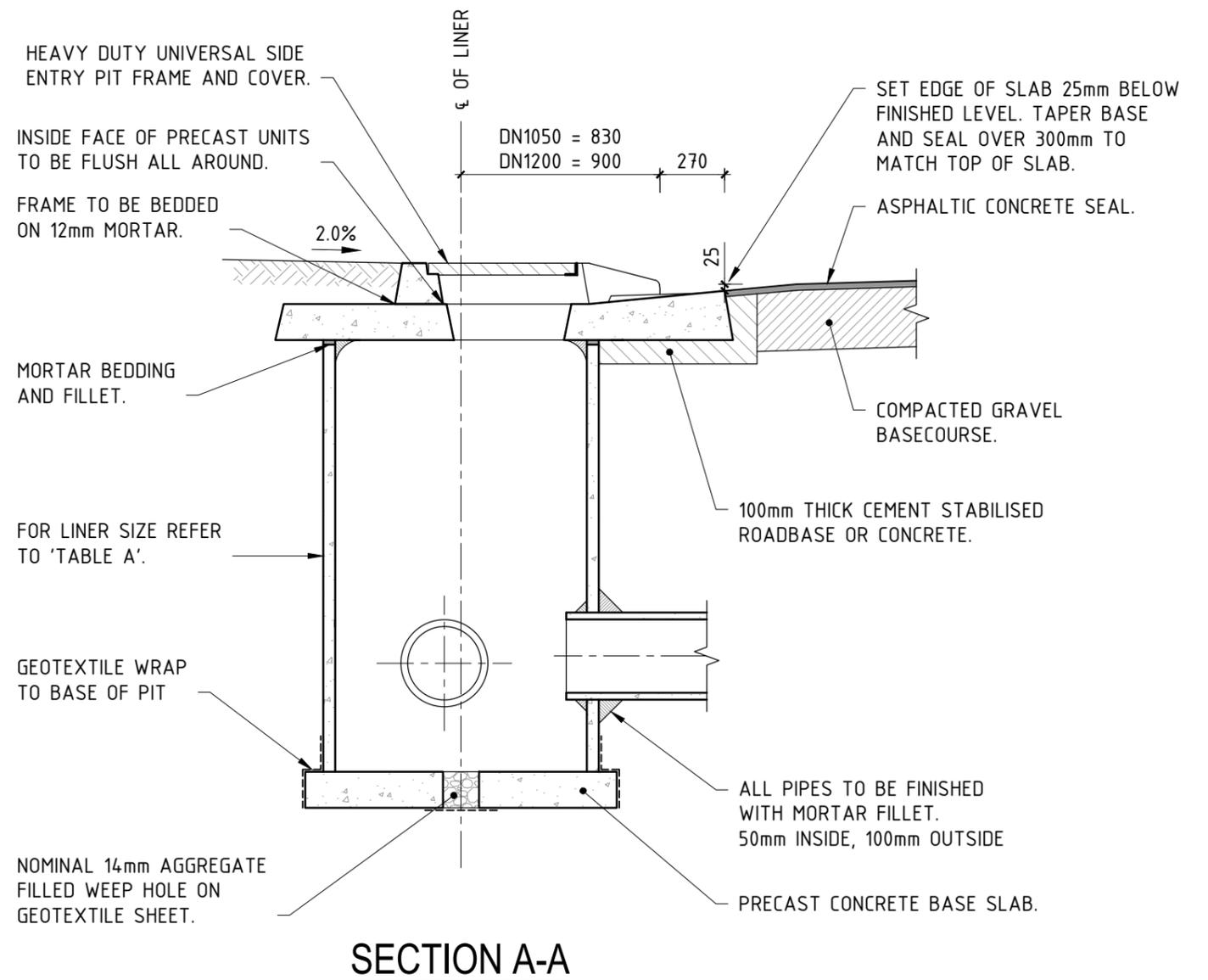
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		JLP

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PROJECT					
CITY OF ALBANY ENGINEERING SERVICES STANDARD CONSTRUCTION DRAWINGS					
DRAWING NAME					
TYPICAL MANHOLE					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-01-01	0



PLAN



SECTION A-A

UNIVERSAL SIDE ENTRY PIT

SCALE: 1:25

NOTE: STEP IRONS TO BE INSTALLED WHERE DEPTH IS GREATER THAN 1000mm FROM COVER TO BASE @300mm CENTRES. BOTTOM STEP 300mm ABOVE BASE. STEP IRONS ARE TO BE BOLTED ON THE WALL FACING ONCOMING TRAFFIC.

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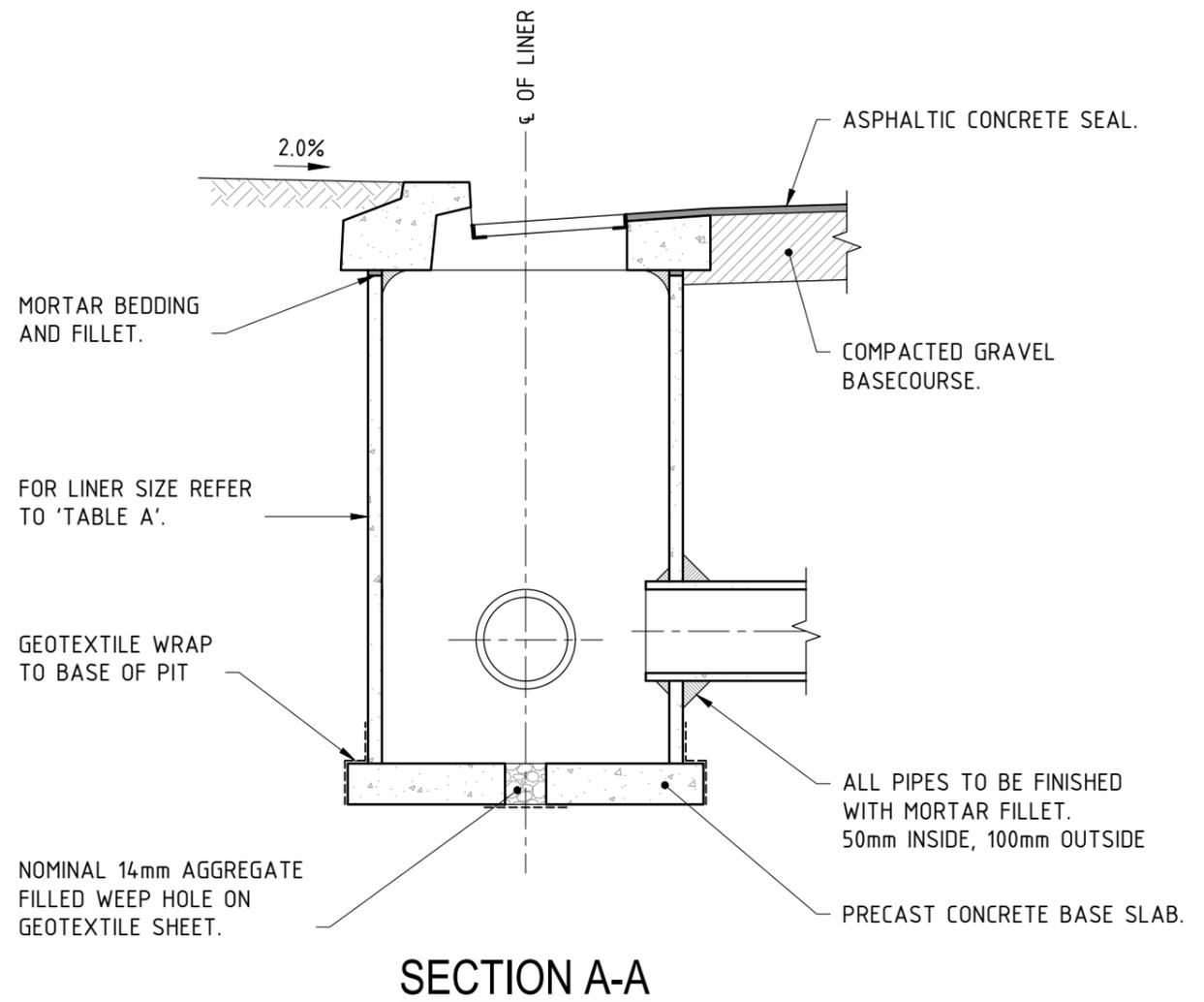
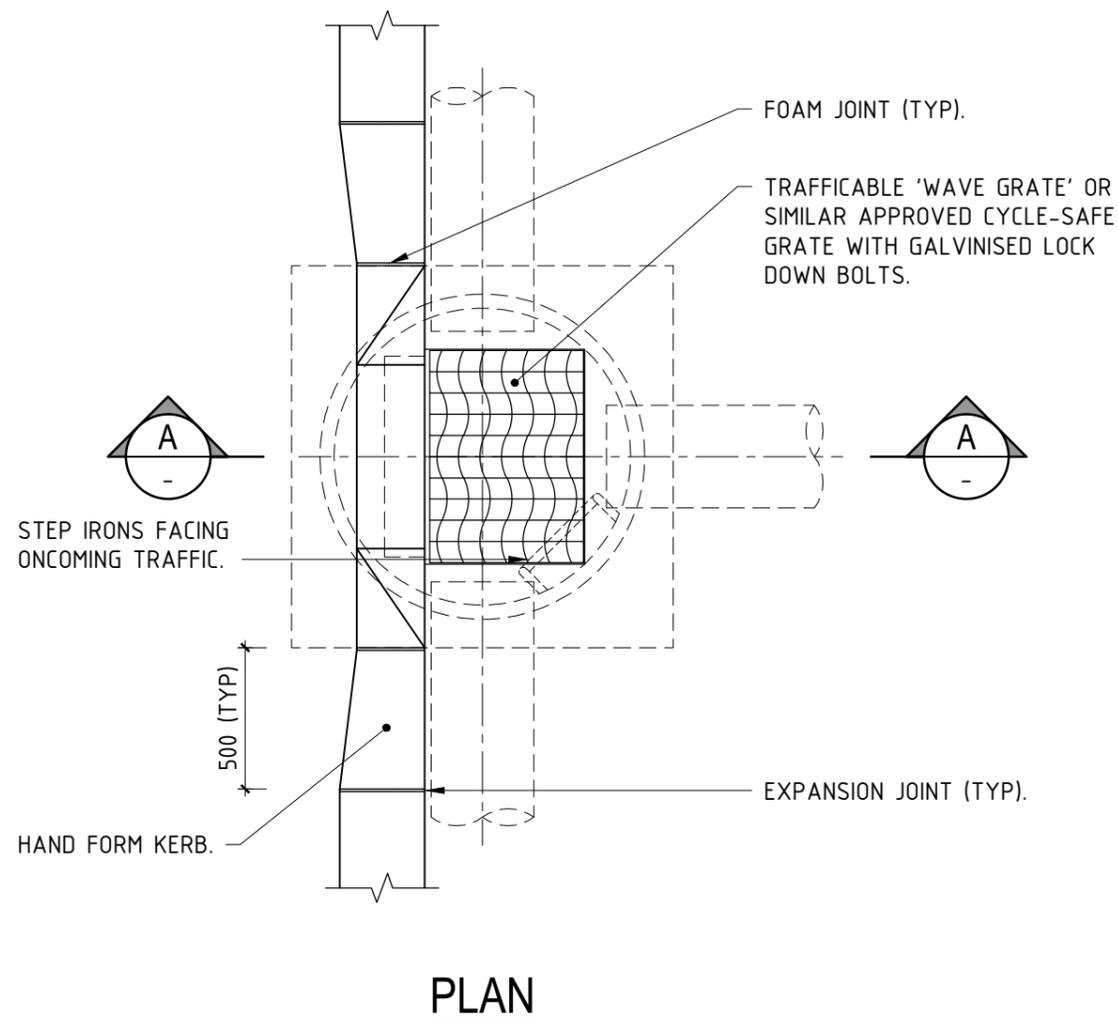
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DRAWING NAME					
UNIVERSAL SIDE ENTRY PIT					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-01-02	0



COMBINATION SIDE ENTRY PIT

SCALE: 1:25

NOTE: STEP IRONS TO BE INSTALLED WHERE DEPTH IS GREATER THAN 1000mm FROM COVER TO BASE @300mm CENTRES. BOTTOM STEP 300mm ABOVE BASE. STEP IRONS ARE TO BE BOLTED ON THE WALL FACING ONCOMING TRAFFIC.

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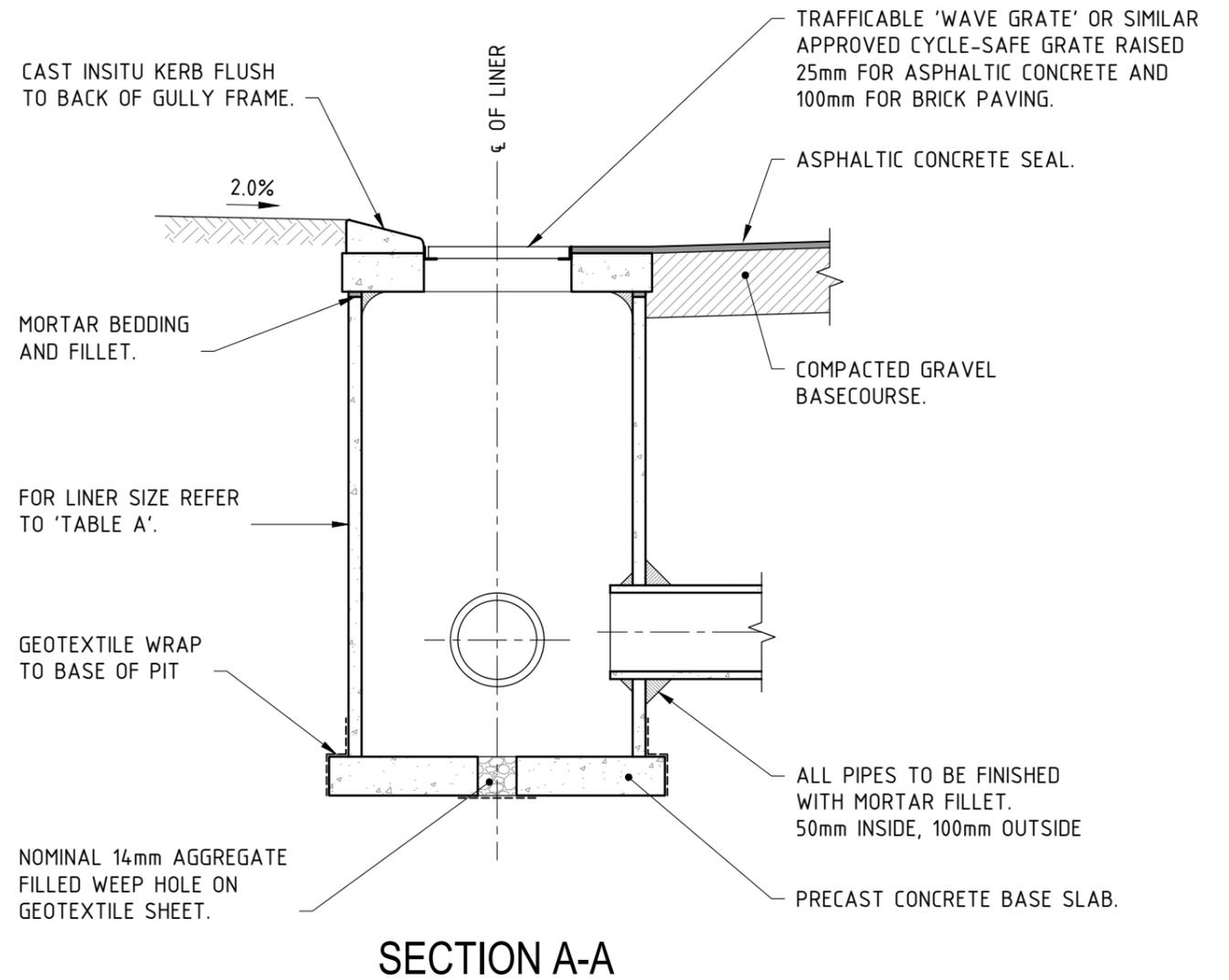
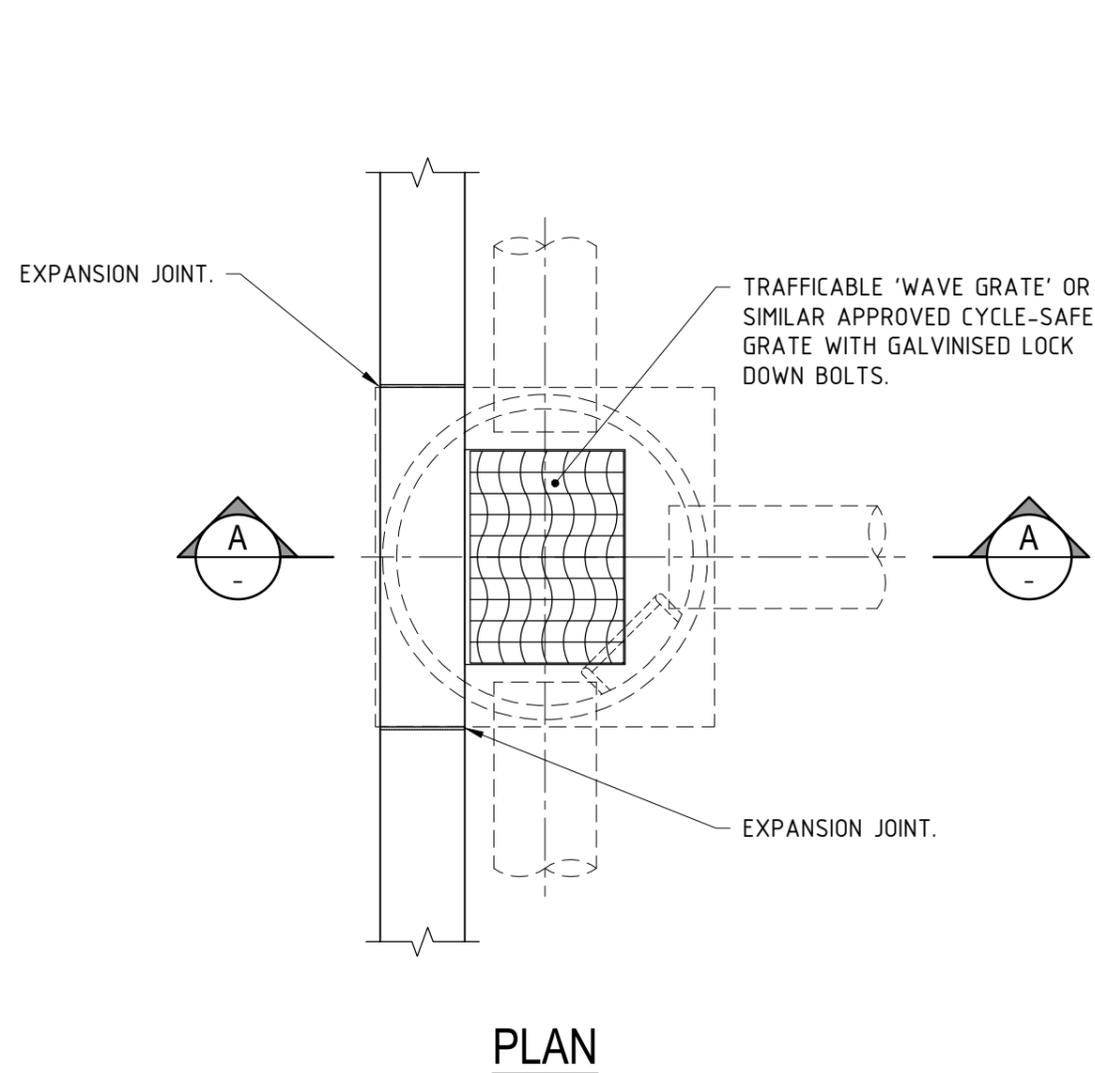
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CITY OF ALBANY ENGINEERING SERVICES STANDARD CONSTRUCTION DRAWINGS					
DRAWING NAME					
COMBINATION SIDE ENTRY PIT					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-01-03	0



GRATED GULLY PIT

SCALE: 1:25

NOTE: STEP IRONS TO BE INSTALLED WHERE DEPTH IS GREATER THAN 1000mm FROM COVER TO BASE @300mm CENTRES. BOTTOM STEP 300mm ABOVE BASE. STEP IRONS ARE TO BE BOLTED ON THE WALL FACING ONCOMING TRAFFIC.

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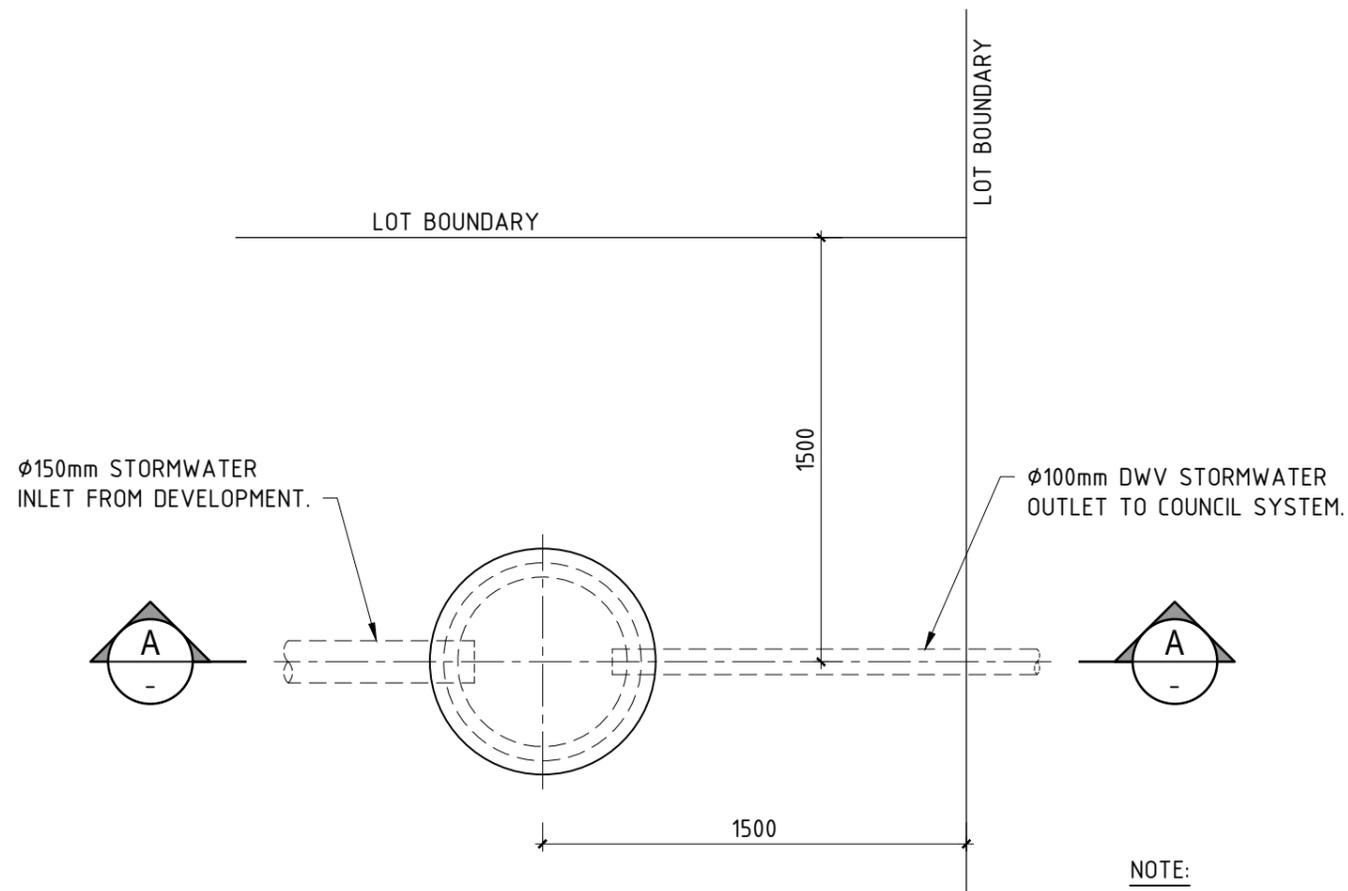


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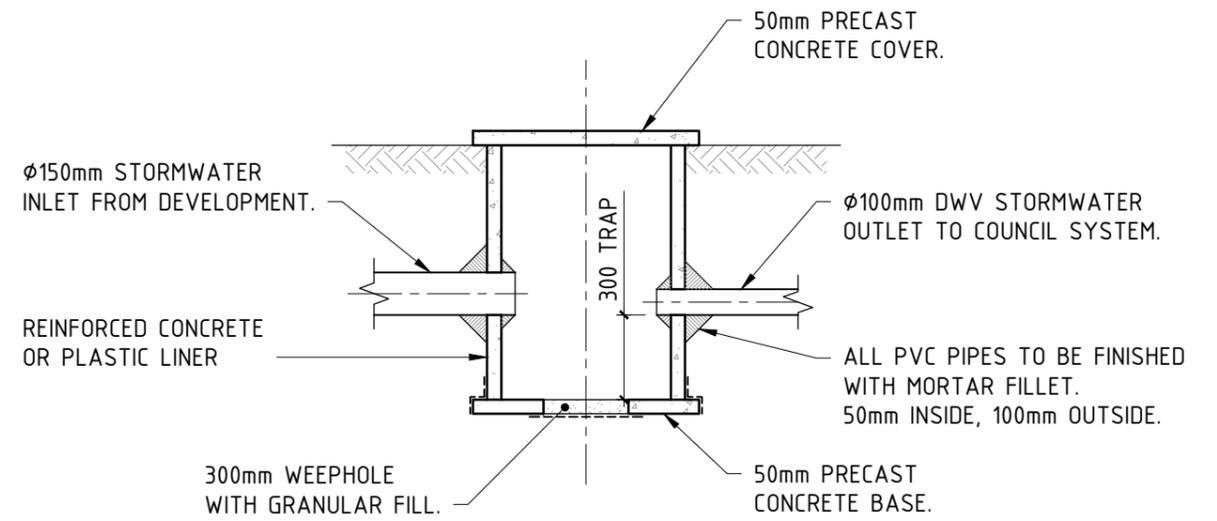
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DRAWING NAME					
GRATED GULLY PIT					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-01-04	0



PLAN



SECTION A-A

NOTE:

MAINTENANCE RESPONSIBILITY FOR THIS MANHOLE REMAINS WITH THE PROPERTY OWNER.

HOUSE CONNECTION PIT

SCALE: 1:25

NOTE: WHERE CONNECTION IS REQUIRED TO CITY OF ALBANY STORMWATER INFRASTRUCTURE, A PERMIT IS REQUIRED PRIOR TO CONNECTION.

HOUSE CONNECTION PIT TABLE

H.C. PIT DEPTH	INSIDE DIAMETER
LESS THAN 1200	600
GREATER THAN 1200	900 WITH STEP IRONS

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



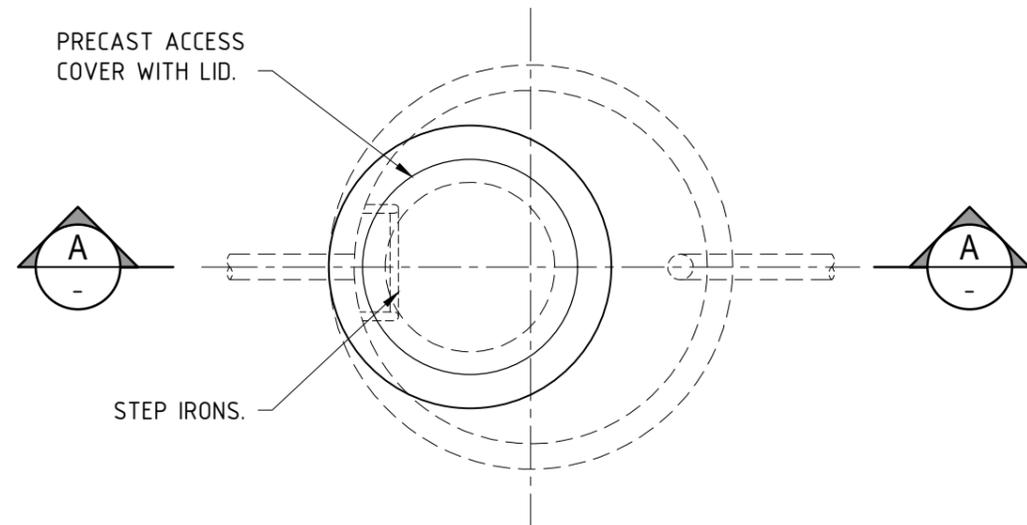
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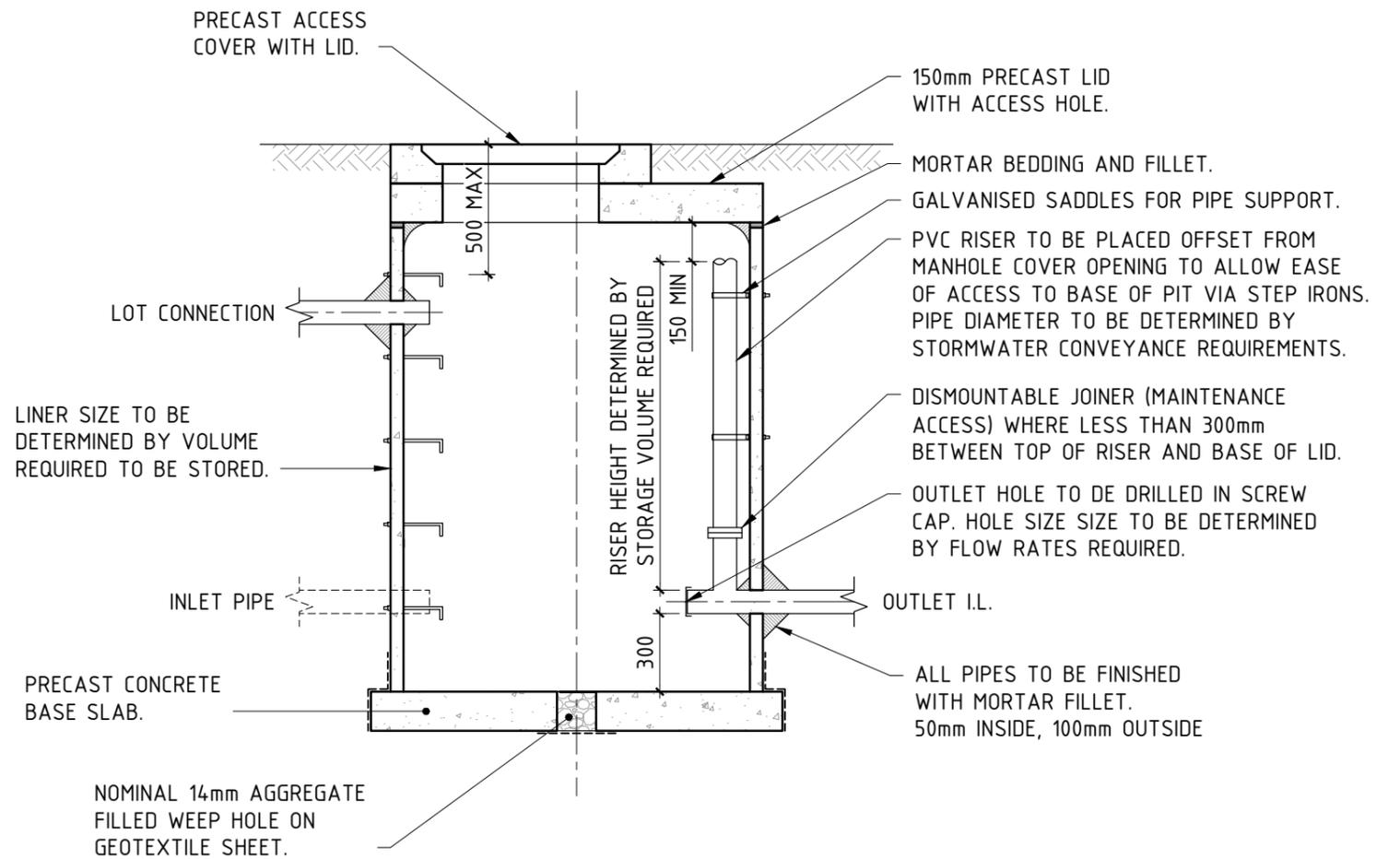
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DRAWING NAME					
HOUSE CONNECTION PIT					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-01-05	0



PLAN



SECTION A-A

UNDERGROUND ATTENUATION PIT

SCALE: 1:25

NOTE: STEP IRONS TO BE INSTALLED WHERE DEPTH IS GREATER THAN 1000mm FROM COVER TO BASE @300mm CENTRES. BOTTOM STEP 300mm ABOVE BASE.

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



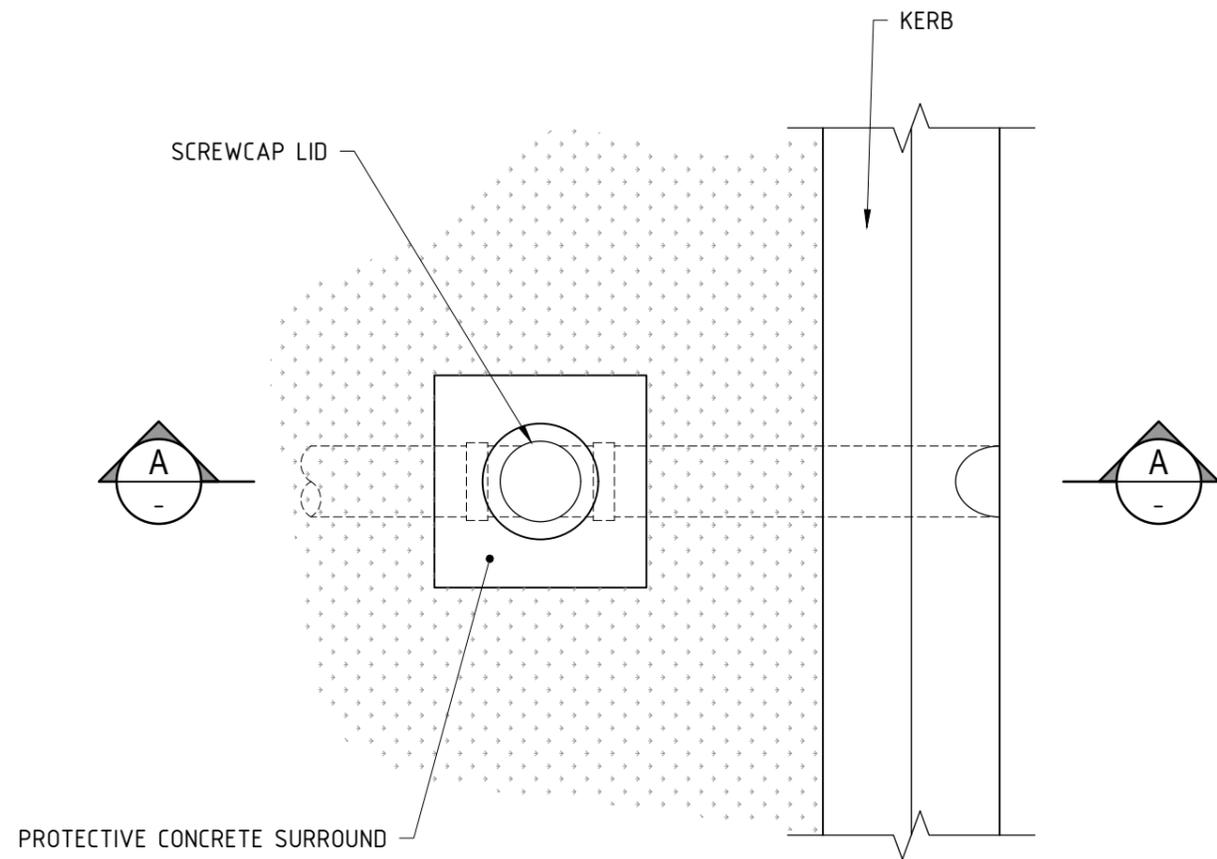
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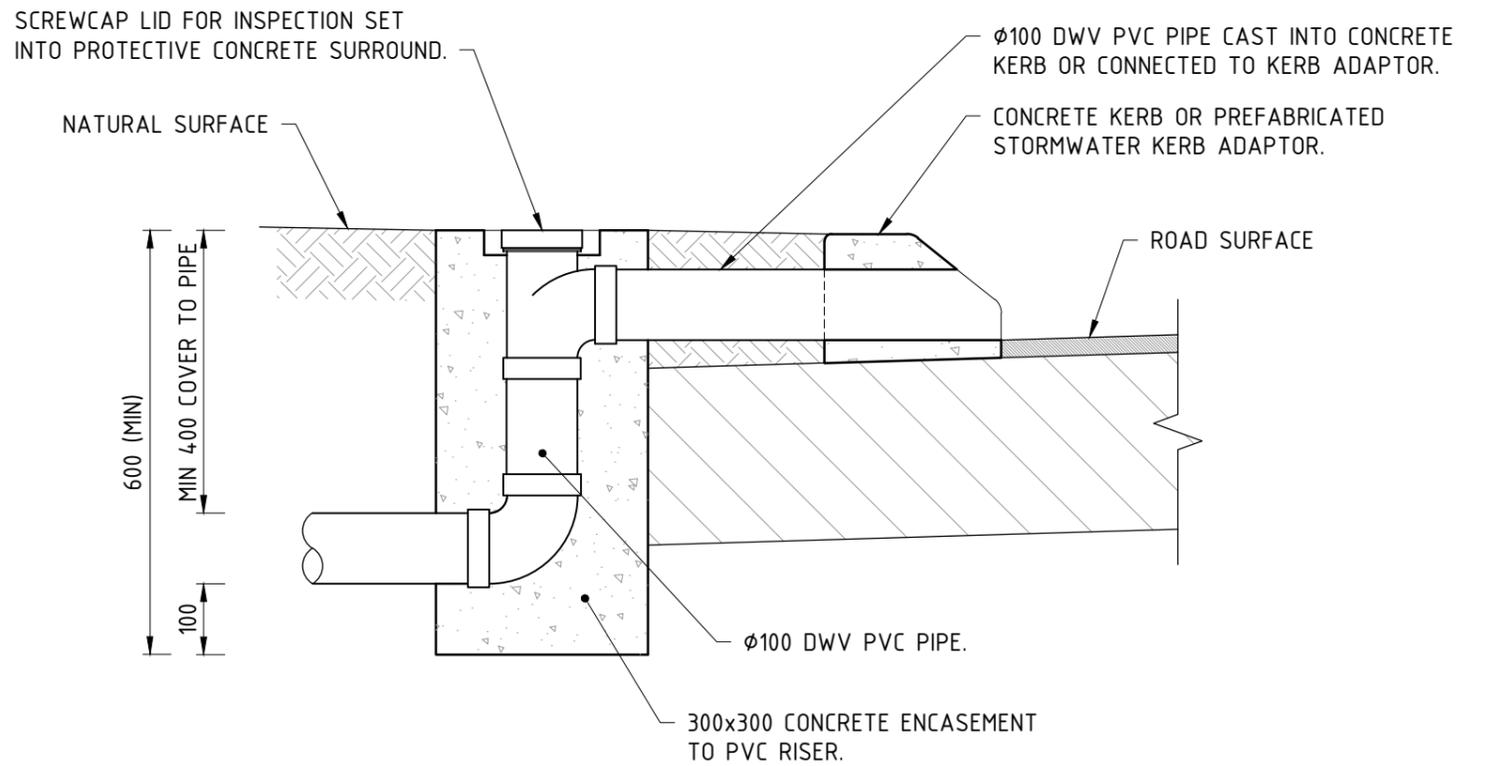
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DRAWING NAME					
UNDERGROUND ATTENUATION PIT					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-01-06	0



PLAN



SECTION A-A

KERB OUTLET DETAIL

SCALE: 1:10

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0	APPROVED		



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CITY OF ALBANY ENGINEERING SERVICES STANDARD CONSTRUCTION DRAWINGS					
DRAWING NAME					
STORMWATER KERB OUTLET					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:10 @ A3	STD-01-07	0