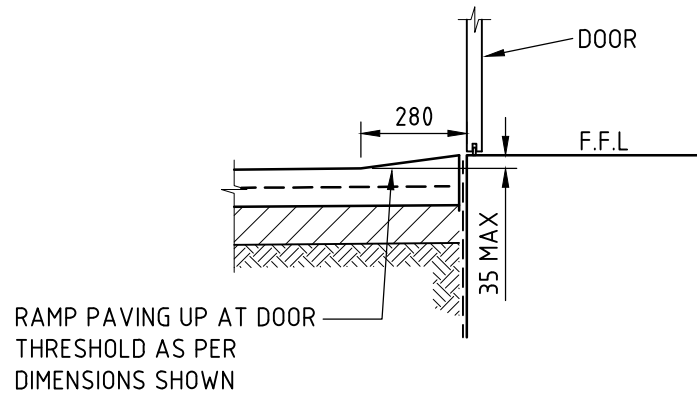
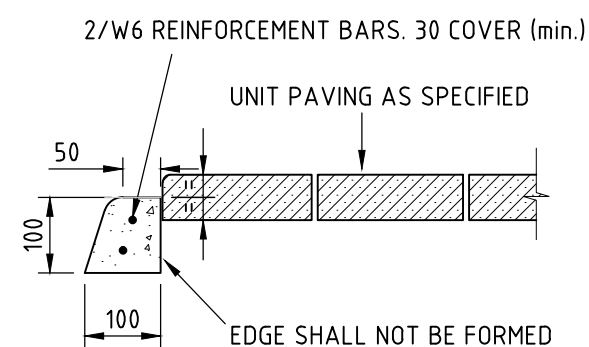


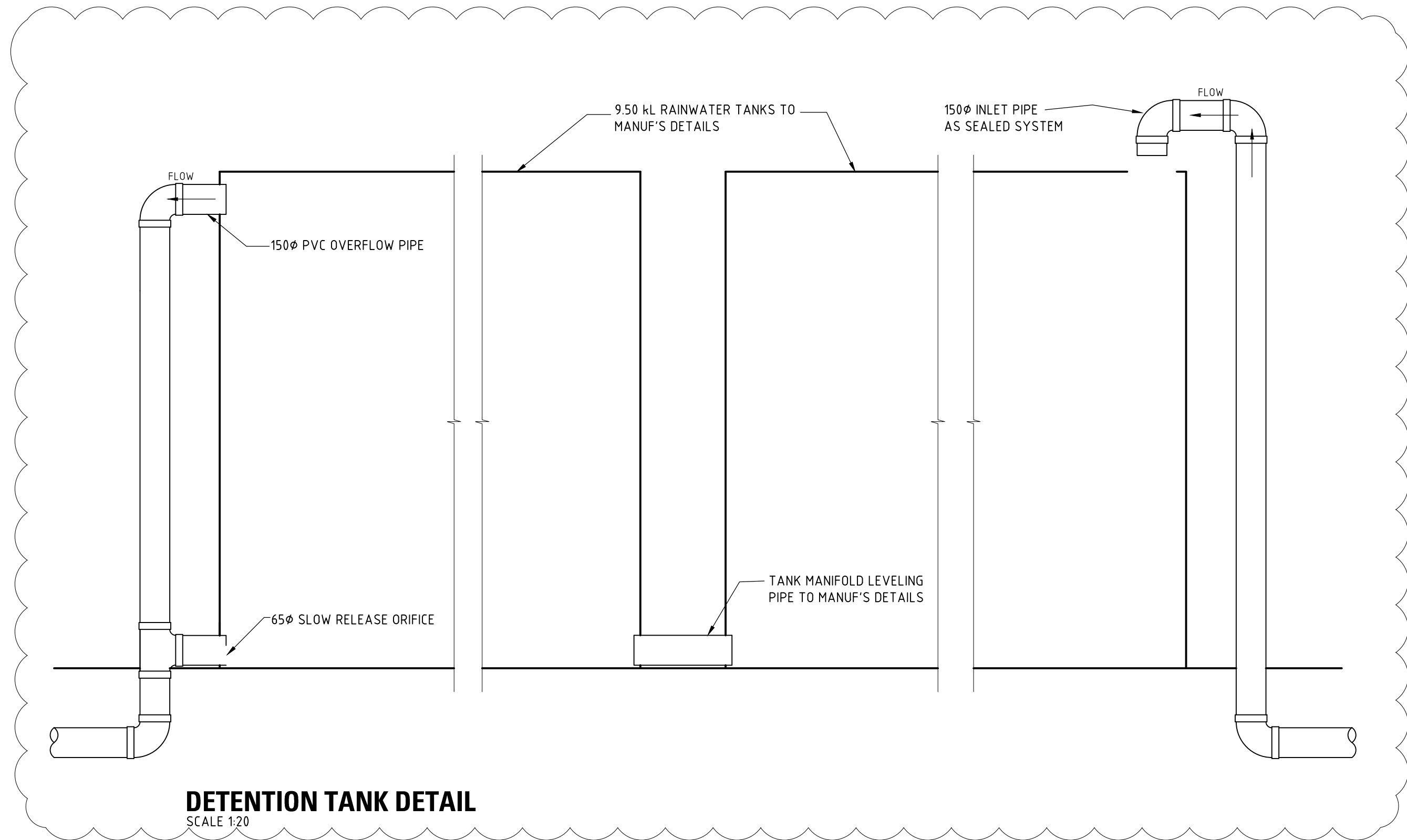
CONCRETE UPSTAND
SCALE 1:10



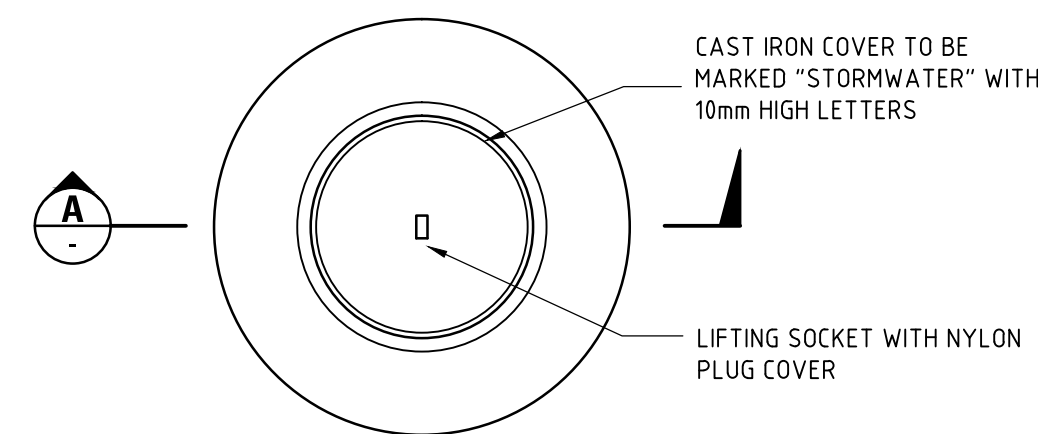
TYPICAL PAVEMENT AT DOOR
THRESHOLD DETAIL
SCALE 1:20



CONCEALED CONCRETE EDGE RESTRAINT
SCALE 1:10

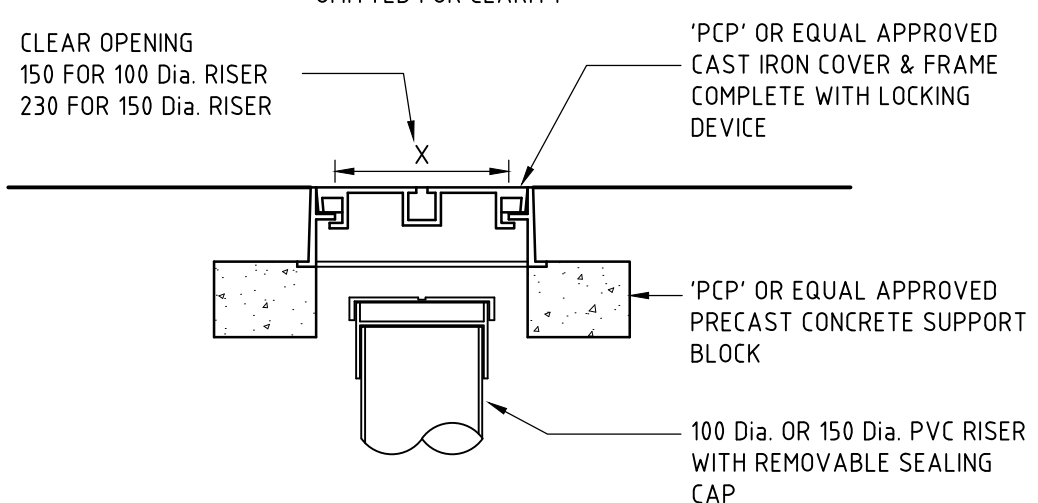


DETENTION TANK DETAIL
SCALE 1:20



PLAN

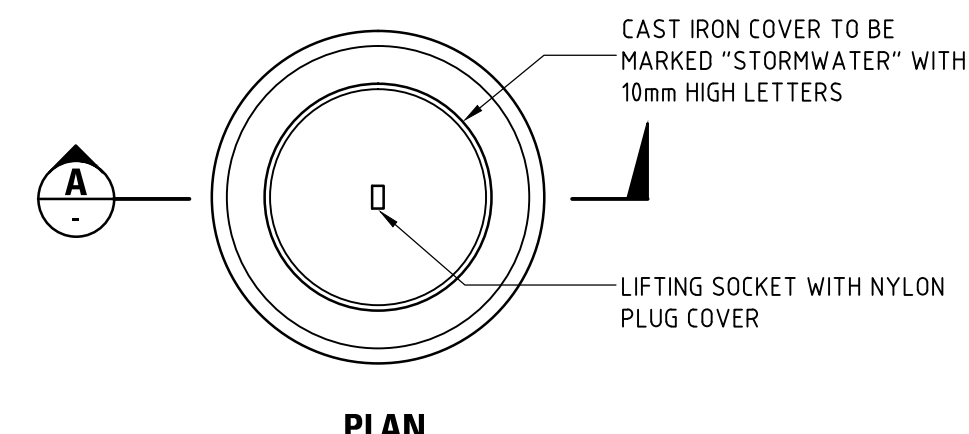
SURROUNDING PAVING
OMITTED FOR CLARITY



SECTION A
SCALE 1:10

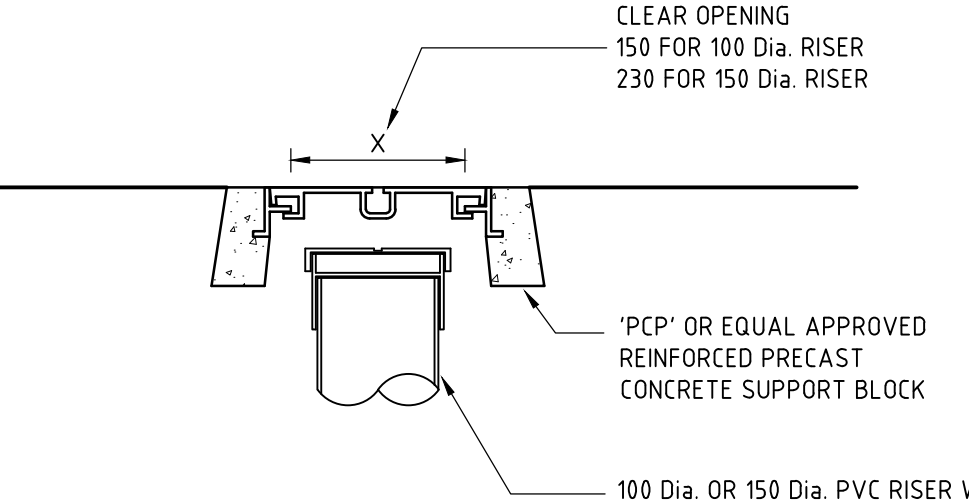
SIP COVER TYPE 1

NOTE:
FOR USE IN PAVED AREAS
ADOPT 150mm RISER FOR PIPE SIZES 150mm OR GREATER.
ADOPT 100mm RISER FOR PIPE SIZES 100mm OR LESS.



PLAN

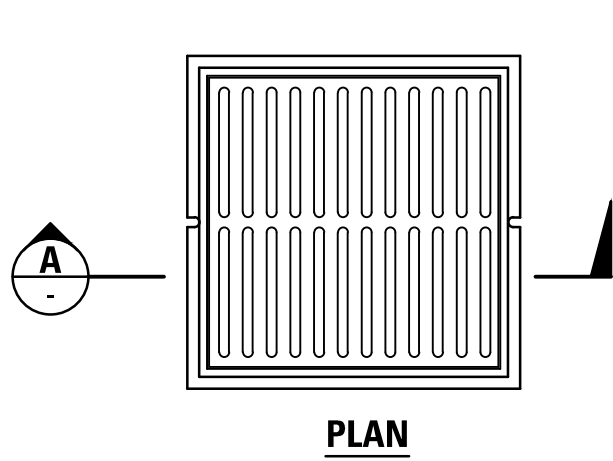
SURROUNDING SOIL
OMITTED FOR CLARITY



SECTION A
SCALE 1:10

SIP COVER TYPE 2

NOTE:
FOR USE IN LANDSCAPED AREAS
ADOPT 150mm RISER FOR PIPE SIZES 150mm OR GREATER.
ADOPT 100mm RISER FOR PIPE SIZES 100mm OR LESS.

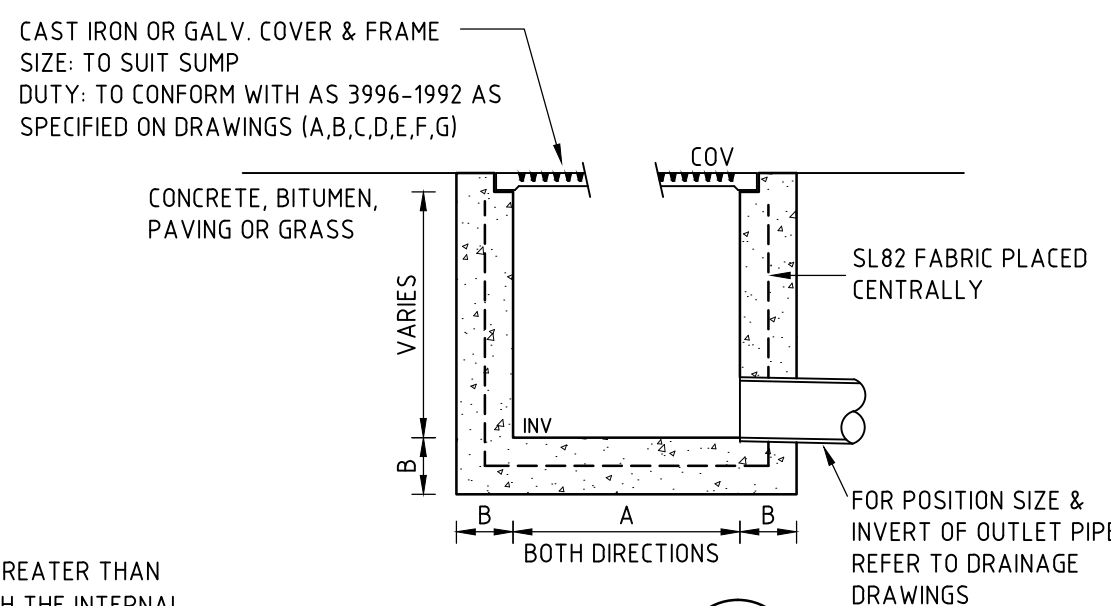


PLAN

NOTES (for precast units)

- PENETRATION FOR PIPES SHALL BE APPROX. 50 MIN. GREATER THAN THE O/D OF PIPE. PIPES SHALL BE FINISHED FLUSH WITH THE INTERNAL FACE OF THE SUMP. A STIFF MORTAR MIX SHALL BE PACKED INTO THE SPACE FROM BOTH SIDES OF STRUCTURE. THE INTERNAL FACE SHALL BE FINISHED SMOOTH AND A 150 THICK BAND OF CONCRETE SHALL BE POURED OUTSIDE THE SUMP TO SEAL THE PENETRATION.
- WHERE SUMPS CONSIST OF MORE THAN ONE PRECAST UNIT, THE JOINTS SHALL BE SEALED WITH BUTYL MASTIC FLEXIBLE PIPE SEALANT AROUND THE OUTSIDE AND A 1:3 SAND CEMENT GROUT ON THE INSIDE OF THE SUMP.

STORMWATER SUMP GRATE & FRAME
SCALE 1:20



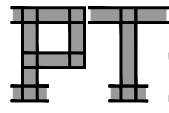
SECTION A
SCALE 1:20

A	INSITU	PRECAST	REF. ON DRAWING
300	150	76	S300
450	150	76	S450
600	150	100	S600
900	150	100	S900

FOR USE IN CONCRETE, BITUMEN PAVEMENT & IN LANDSCAPED AREAS

FOR CONSTRUCTION

10.12.2019	ISSUED FOR CONSTRUCTION	00
02.07.2019	ISSUED FOR TENDER	T
28.03.2019	ISSUED FOR APPROVAL	B
01.03.2019	PRELIMINARY ISSUE	A
Date	Revision	Issue



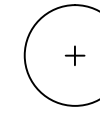
Design

PT Design Pty Ltd 141-149 Hould Street Adelaide SA 5000
T (08 9412 4300) E [ptdesign@ptdesign.net.au]

Designed	-	Drawn	SR
Approved		Date	JAN '19
CIVIL		Sheet	3 of 3

Project

PROPOSED DEVELOPMENT
248 UNLEY ROAD
HYDE PARK SA

Client CITIFY & BFC PTY LTD	N 
Drawing Title DETAILS SHEET	Scale VARIES
Drawing Number 20492-C03	Issue 00