

A



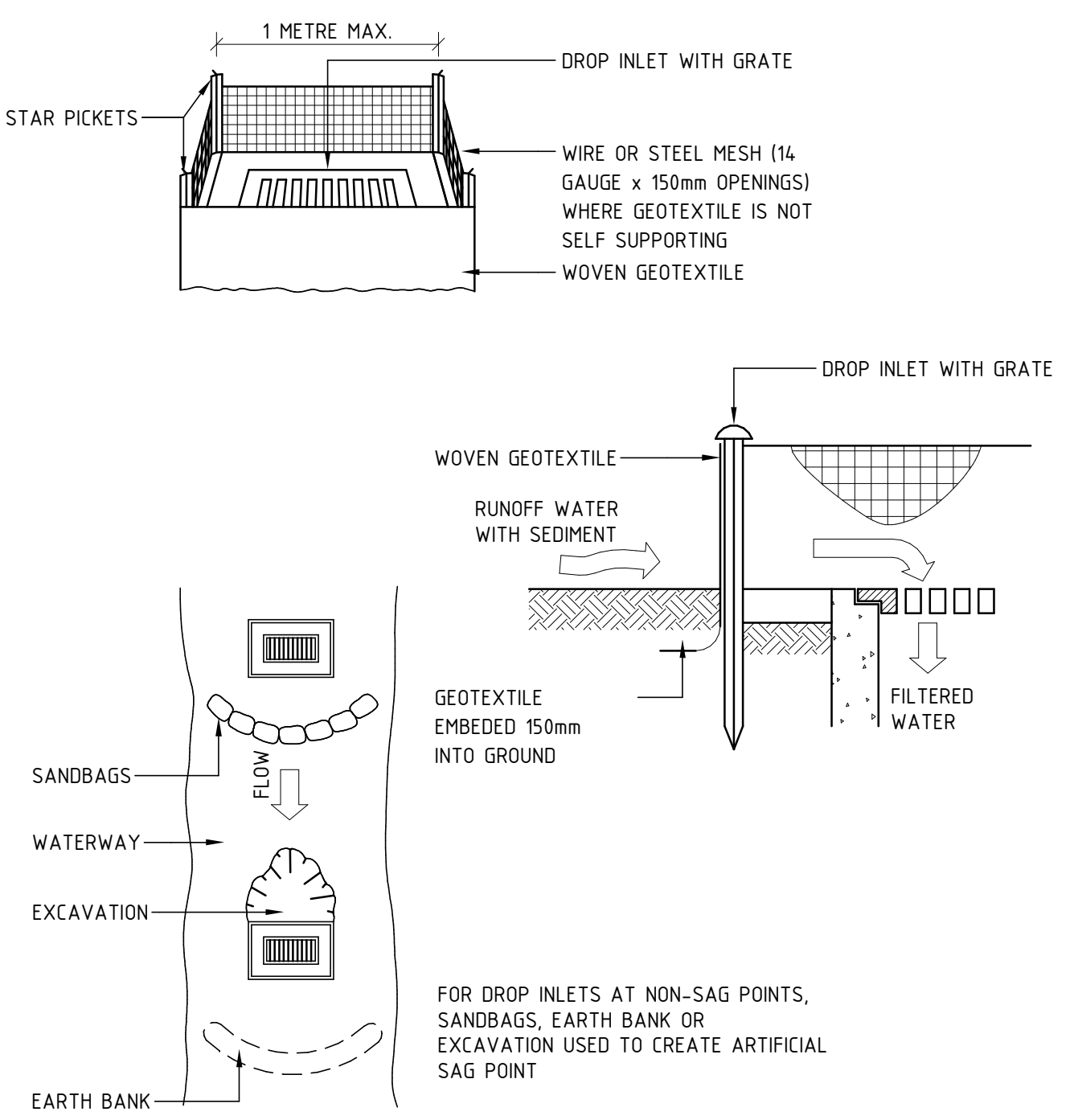
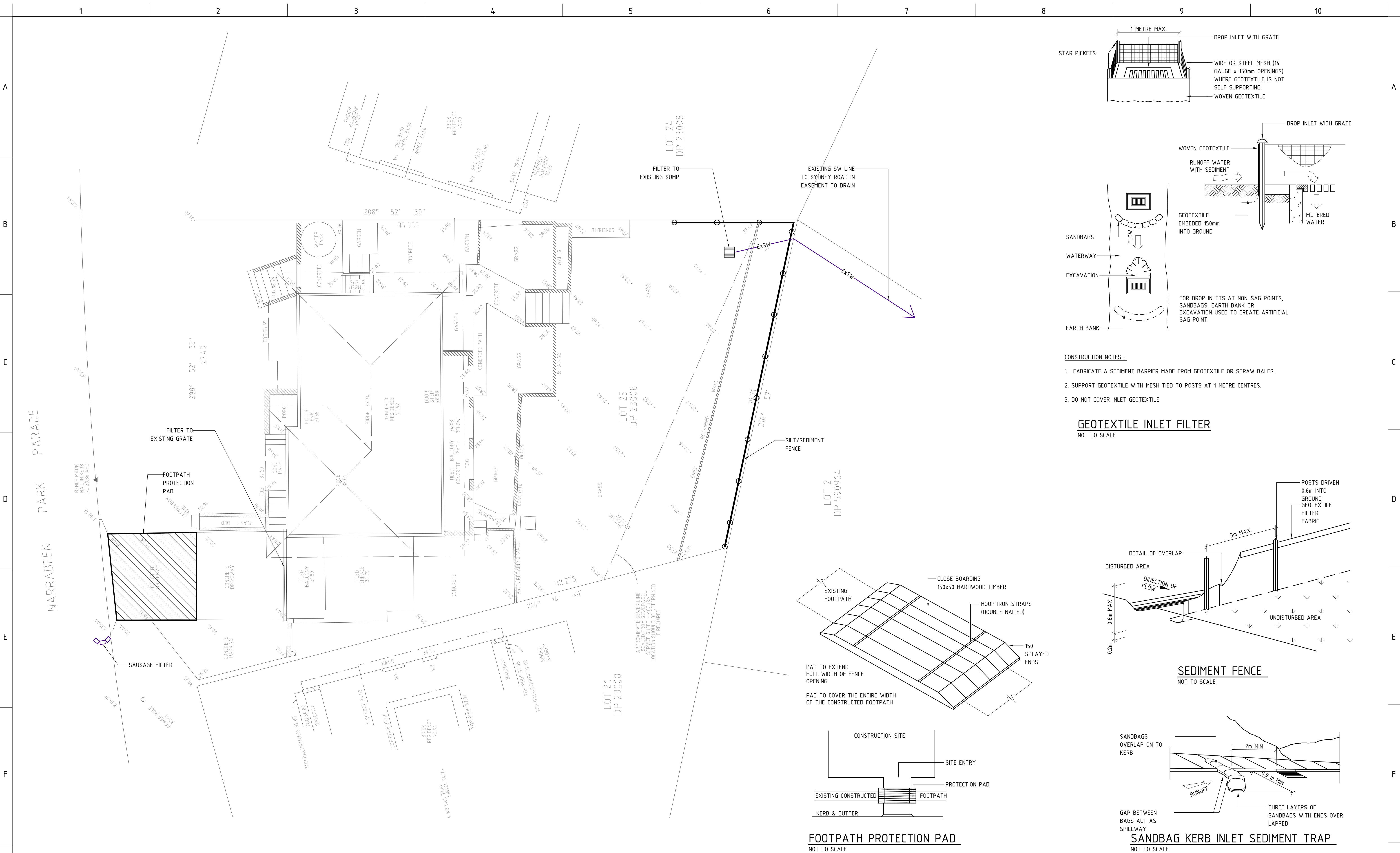
E

F

F

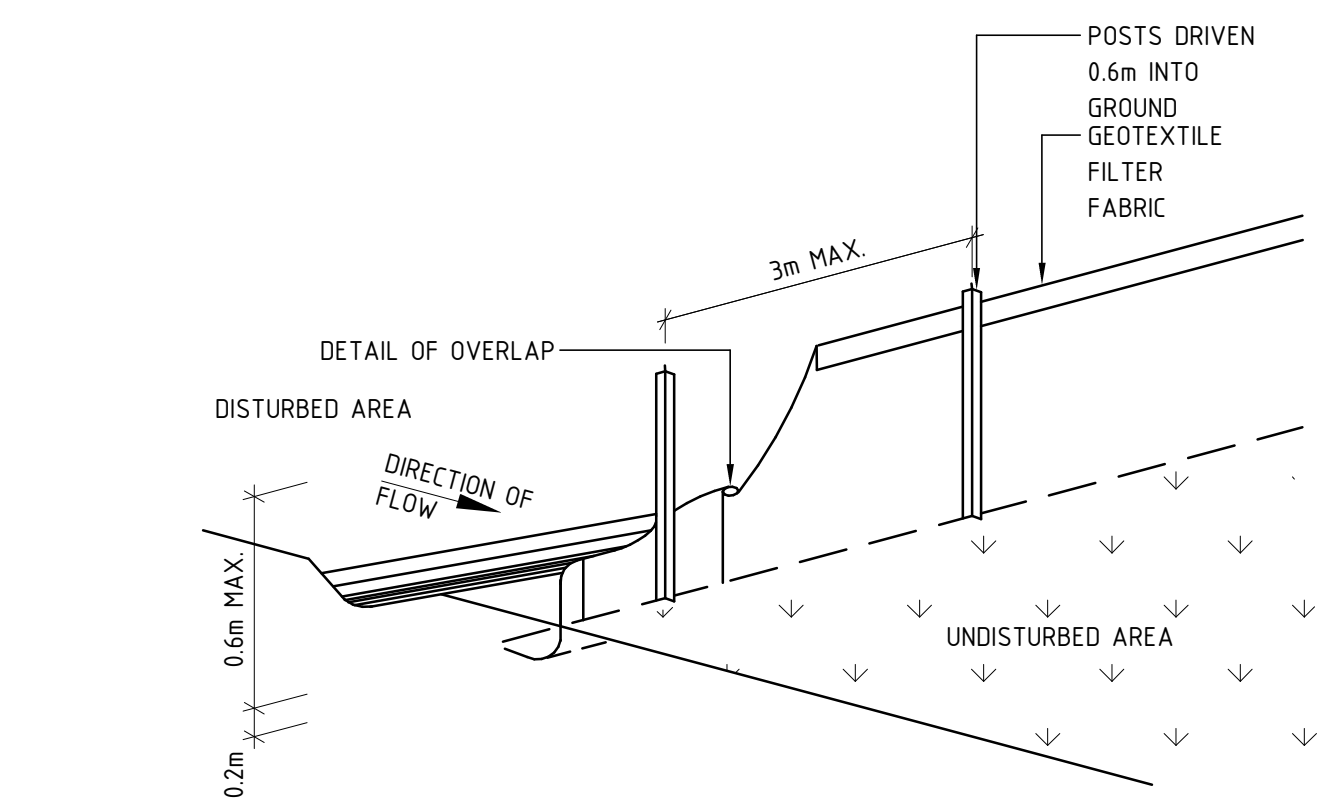
G



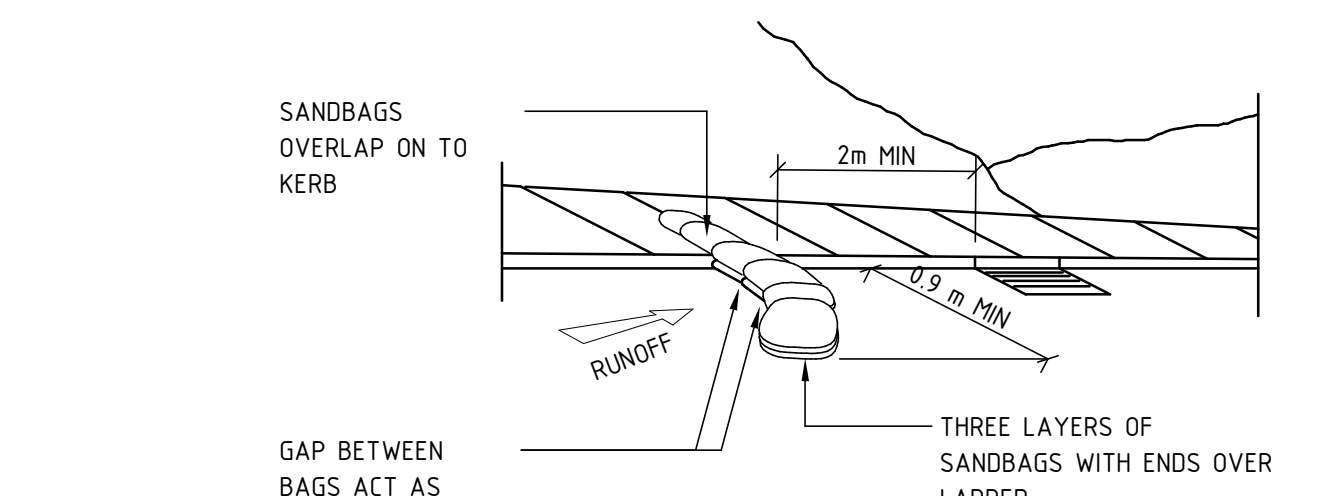


- CONSTRUCTION NOTES -**
- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
 - SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS AT 1 METRE CENTRES.
 - DO NOT COVER INLET GEOTEXTILE

GEOTEXTILE INLET FILTER
NOT TO SCALE



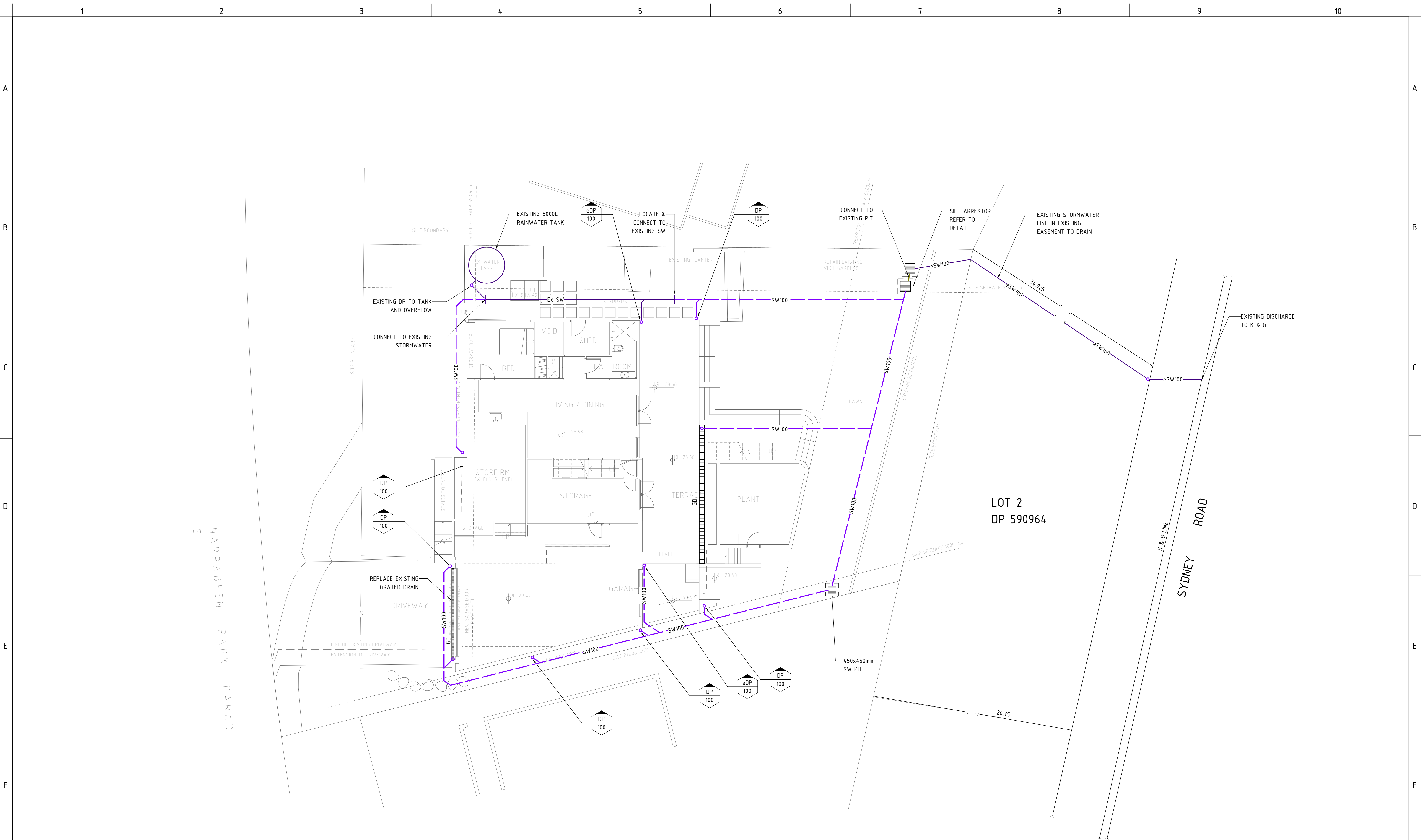
SEDIMENT FENCE
NOT TO SCALE



SANDBAG KERB INLET SEDIMENT TRAP
NOT TO SCALE

DEVELOPEMENT APPLICATION ISSUE

G	IMPORTANT DO NOT SCALE OFF THIS DRAWING. USE DIMENSIONS & ARCHITECTURAL DRAWINGS ONLY. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATION. THE INFORMATION ON THIS DRAWING REMAINS THE PROPERTY OF SPARKS & PARTNERS CONSULTING ENGINEERS. REPRODUCTION OF THE WHOLE OR PART OF THE DOCUMENT CONSTITUTES AN INFRINGEMENT OF COPYRIGHT.		NORTH POINT	DATE 21.12.22		AMENDMENT DEVELOPMENT APPLICATION ISSUE		INIT AD	REV 1	DATE		AMENDMENT		INIT	REV	STRUCTURAL MECHANICAL ELECTRICAL CIVIL	CLIENT PAUL SIMMONS		PROJECT PROPOSED ALTERATIONS & ADDITIONS 92 NARRABEEN PARK PARADE, WARRIEWOOD NSW 2102		SPARKS+PARTNERS CONSULTING ENGINEERS HYDRAULIC CIVIL FIRE Suites 6 & 7, 2-6 Hunter Street PO Box 979 Parramatta NSW 2150 P 02 9891 5033 E admin@sparksandpartners.com.au https://sparksandpartners.com.au/ HCAA FPA AUSTRALIA GOLD MEMBER Association Australia DNV GL ISO 9001 JAS-ANZ		DRAWING TITLE STORMWATER SERVICES EROSION & SEDIMENT CONTROL PLAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	REFERENCES														BUILDER		ARCHITECT ID\STUDIOS /ARCHITECTURE + INTERIORS address: 26 - 32 pinerua road, pyrmont, nsw, 2009 t ph 0411 685 103		DATE 22.12.20		DRAWN AD		DESIGNED GS		CHECKED LD		SCALE As indicated		SIZE A1		REVISION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
																			PROJECT No 22370		DRAWING No DA201		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																



02

05

10m

IMPORTANT

DO NOT SCALE OFF THIS DRAWING. USE DIMENSIONS & ARCHITECTURAL DRAWINGS ONLY.

BEFORE TO BE READ IN CONJUNCTION WITH SPECIFICATION.

THE INFORMATION ON THIS DRAWING REMAINS THE PROPERTY OF SPARKS & PARTNERS CONSULTING ENGINEERS. REPRODUCTION OF THE WHOLE OR PART OF THIS DOCUMENT CONSTITUTES AN INFRINGEMENT OF COPYRIGHT.

NORTH POINT

DATE	AMENDMENT	INIT	REV	DATE	AMENDMENT	INIT	REV
21.12.22	DEVELOPMENT APPLICATION ISSUE	AD	1				

STRUCTURAL

MECHANICAL

ELECTRICAL

CIVIL

CLIENT

PAUL SIMMONS

BUILDER

PROJECT

PROPOSED ALTERATIONS & ADDITIONS
92 NARRABEEN PARK PARADE,
WARRIEWOOD NSW 2102

ARCHITECT

ID\STUDIOS
/ARCHITECTURE
+ INTERIORS
address: 26-32 pinetree road, pyrmont, nsw, 2009 t: ph 0411 695 103

SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE

Suites 6 & 7, 2-6 Hunter Street | PO Box 979 | Parramatta | NSW 2150
P 02 9891 5033 | E admin@sparksandpartners.com.au
https://sparksandpartners.com.au/

DRAWING TITLE

STORMWATER SERVICES
STORMWATER LAYOUT - BASEMENT /
SITE PLAN

DATE

22.12.20

PROJECT No

22370

DRAWN

AD

DESIGNED

GS

CHECKED

LD

SCALE

1 : 100

SIZE

A1

REVISION

1



0251010m

IMPORTANT

DO NOT SCALE OFF THIS DRAWING. USE DIMENSIONS & ARCHITECTURAL DRAWINGS ONLY.

DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATION.

THE INFORMATION ON THIS DRAWING REMAINS THE PROPERTY OF SPARKS & PARTNERS CONSULTING ENGINEERS. REPRODUCTION OF THE WHOLE OR PART OF THIS DOCUMENT CONSTITUTES AN INFRINGEMENT OF COPYRIGHT.

DATE	AMENDMENT	INIT	REV	DATE	AMENDMENT	INIT	REV
21.12.22	DEVELOPMENT APPLICATION ISSUE	AD	1				

REFERENCES

STRUCTURAL	MECHANICAL	ELECTRICAL	CIVIL

CLIENT

PAUL SIMMONS

BUILDER

PROJECT

PROPOSED ALTERATIONS & ADDITIONS
92 NARRABEEN PARK PARADE,
WARRIEWOOD NSW 2102

ARCHITECT

ID\STUDIOS
/ARCHITECTURE
+ INTERIORS
address: 26 - 32 pinetree road, pyrmont, nsw, 2009 t: ph 0411 695 103

SPARKS+PARTNERS

CONSULTING ENGINEERS

HYDRAULIC | CIVIL | FIRE

Suites 6 & 7, 2-6 Hunter Street | PO Box 979 | Parramatta | NSW 2150
P 02 9891 5033 | E admin@sparksandpartners.com.au
https://sparksandpartners.com.au/

HCAA

AUSTRALIA

FPA

AUSTRALIA

GOLD MEMBER

Fire Protection Association Australia

DNV-GL

ISO 9001

JAS-ANZ

G

DATE

22.12.20

DRAWN

Author

DESIGNED

Designer

CHECKED

Checker

PROJECT No

22370

SCALE

1 : 100

SIZE

A1

REVISION

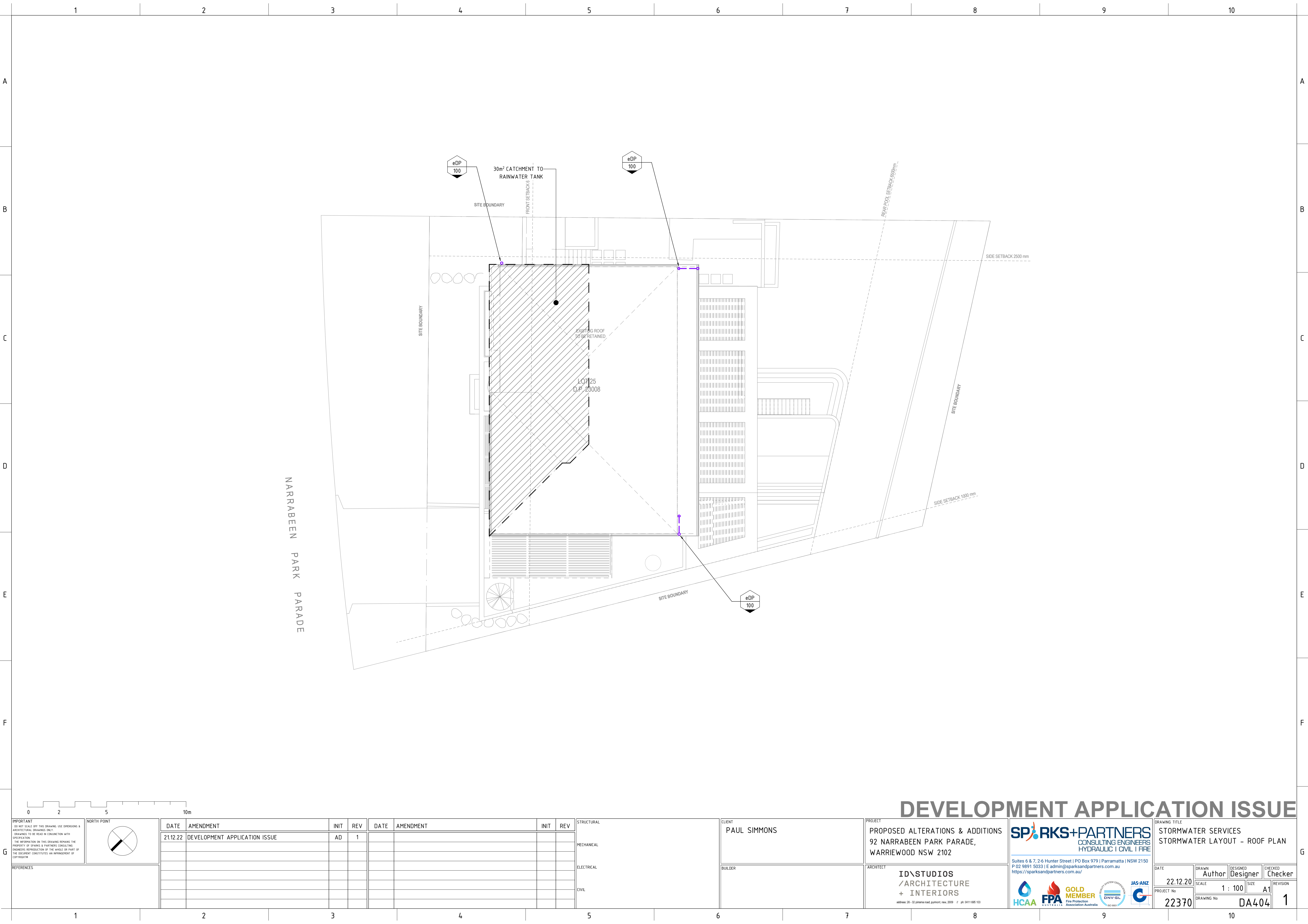
1

DRAWING No

DA403

DRAWING TITLE

STORMWATER SERVICES
STORMWATER LAYOUT - FIRST
FLOOR PLAN



IMPORTANT
DO NOT SCALE OFF THIS DRAWING. USE DIMENSIONS & ARCHITECTURAL DRAWINGS ONLY.
DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATION.
THE INFORMATION ON THIS DRAWING REMAINS THE PROPERTY OF SPARKS & PARTNERS CONSULTING ENGINEERS. REPRODUCTION OF THE WHOLE OR PART OF THIS DOCUMENT CONSTITUTES AN INFRINGEMENT OF COPYRIGHT.

NORTH POINT

DATE	AMENDMENT	INIT	REV	DATE	AMENDMENT	INIT	REV
21.12.22	DEVELOPMENT APPLICATION ISSUE	AD	1				

STRUCTURAL	
MECHANICAL	
ELECTRICAL	
CIVIL	

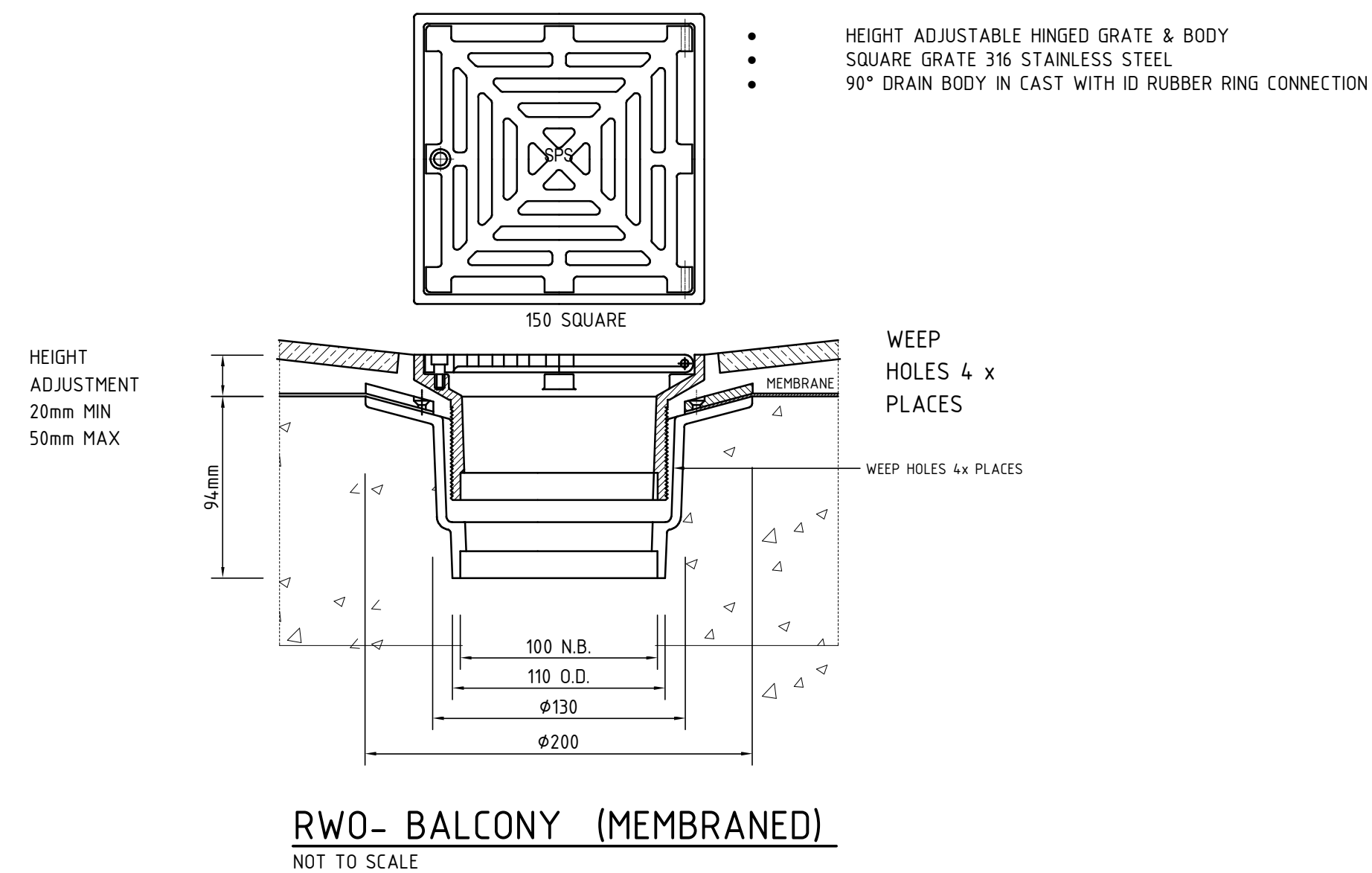
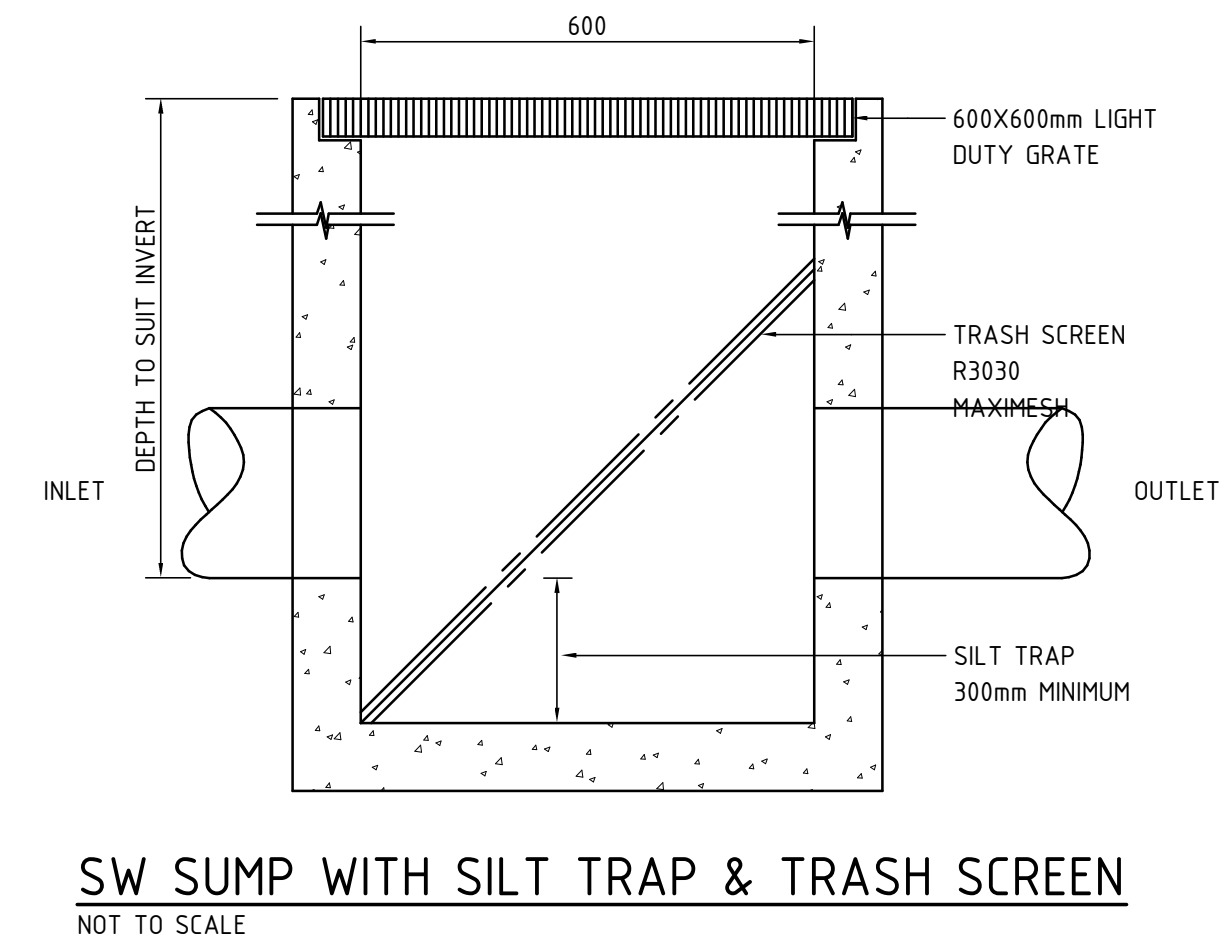
CLIENT	PAUL SIMMONS
BUILDER	

PROJECT	PROPOSED ALTERATIONS & ADDITIONS 92 NARRABEEN PARK PARADE, WARRIEWOOD NSW 2102
ARCHITECT	ID\STUDIOS /ARCHITECTURE + INTERIORS address: 26-32 pinetree road, pyrmont, nsw, 2009 t: ph 0411 695 103

SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE

Suites 6 & 7, 2-6 Hunter Street | PO Box 979 | Parramatta | NSW 2150
P 02 9891 5033 | E admin@sparksandpartners.com.au
https://sparksandpartners.com.au/

DRAWING TITLE STORMWATER SERVICES STORMWATER LAYOUT - ROOF PLAN			
DATE 22.12.20	DRAWN Author	DESIGNED Designer	CHECKED Checker
PROJECT No 22370	SCALE 1 : 100	SIZE A1	REVISION 1



IMPORTANT DO NOT SCALE OFF THIS DRAWING, USE DIMENSIONS & ARCHITECTURAL DRAWINGS ONLY. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATION. THE INFORMATION ON THIS DRAWING REMAINS THE PROPERTY OF SPARKS+PARTNERS CONSULTING ENGINEERS. REPRODUCTION OF THE WHOLE OR PART OF THIS DOCUMENT CONSTITUTES AN INFRINGEMENT OF COPYRIGHT.	NORTH POINT	<table><tr><th>DATE</th><th>AMENDMENT</th><th>INIT</th><th>REV</th><th>DATE</th><th>AMENDMENT</th><th>INIT</th><th>REV</th></tr><tr><td>21.12.22</td><td>DEVELOPMENT APPLICATION ISSUE</td><td>AD</td><td>1</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	DATE	AMENDMENT	INIT	REV	DATE	AMENDMENT	INIT	REV	21.12.22	DEVELOPMENT APPLICATION ISSUE	AD	1																																																																					STRUCTURAL	CLIENT	PAUL SIMMONS	PROJECT	PROPOSED ALTERATIONS & ADDITIONS 92 NARRABEEN PARK PARADE, WARRIEWOOD NSW 2102	SPARKS+PARTNERS CONSULTING ENGINEERS HYDRAULIC CIVIL FIRE Suites 6 & 7, 2-6 Hunter Street PO Box 979 Parramatta NSW 2150 P 02 9891 5033 E admin@sparksandpartners.com.au https://sparksandpartners.com.au/ HCAA AFA GOLD MEMBER Fire Protection Association Australia DNV-GL ISO 9001 JAS-ANZ REGISTERED COMPANY	DRAWING TITLE	STORMWATER SERVICES DETAIL SHEET
		DATE	AMENDMENT	INIT	REV	DATE	AMENDMENT	INIT	REV																																																																																	
		21.12.22	DEVELOPMENT APPLICATION ISSUE	AD	1																																																																																					
REFERENCES		MECHANICAL		BUILDER		ARCHITECT	ID\STUDIOS /ARCHITECTURE + INTERIORS address: 26 - 32 penmae road, pyrmont, nsw, 2009 p: 0411 685 153	<table><tr><td>DATE</td><td>DRAWN</td><td>AD</td><td>DESIGNED</td><td>GS</td><td>CHECKED</td><td>LD</td></tr><tr><td>22.12.20</td><td>SCALE</td><td>N.T.S.</td><td>SIZE</td><td>A1</td><td>REVISION</td><td></td></tr><tr><td>PROJECT No</td><td colspan="2">22370</td><td>DRAWING No</td><td colspan="2">DA405</td><td>1</td></tr></table>	DATE	DRAWN	AD	DESIGNED	GS	CHECKED	LD	22.12.20	SCALE	N.T.S.	SIZE	A1	REVISION		PROJECT No	22370		DRAWING No	DA405		1																																																													
DATE	DRAWN	AD	DESIGNED	GS	CHECKED	LD																																																																																				
22.12.20	SCALE	N.T.S.	SIZE	A1	REVISION																																																																																					
PROJECT No	22370		DRAWING No	DA405		1																																																																																				
		ELECTRICAL																																																																																								