

CONCEPT DRAINAGE AUGMENTATION WORKS

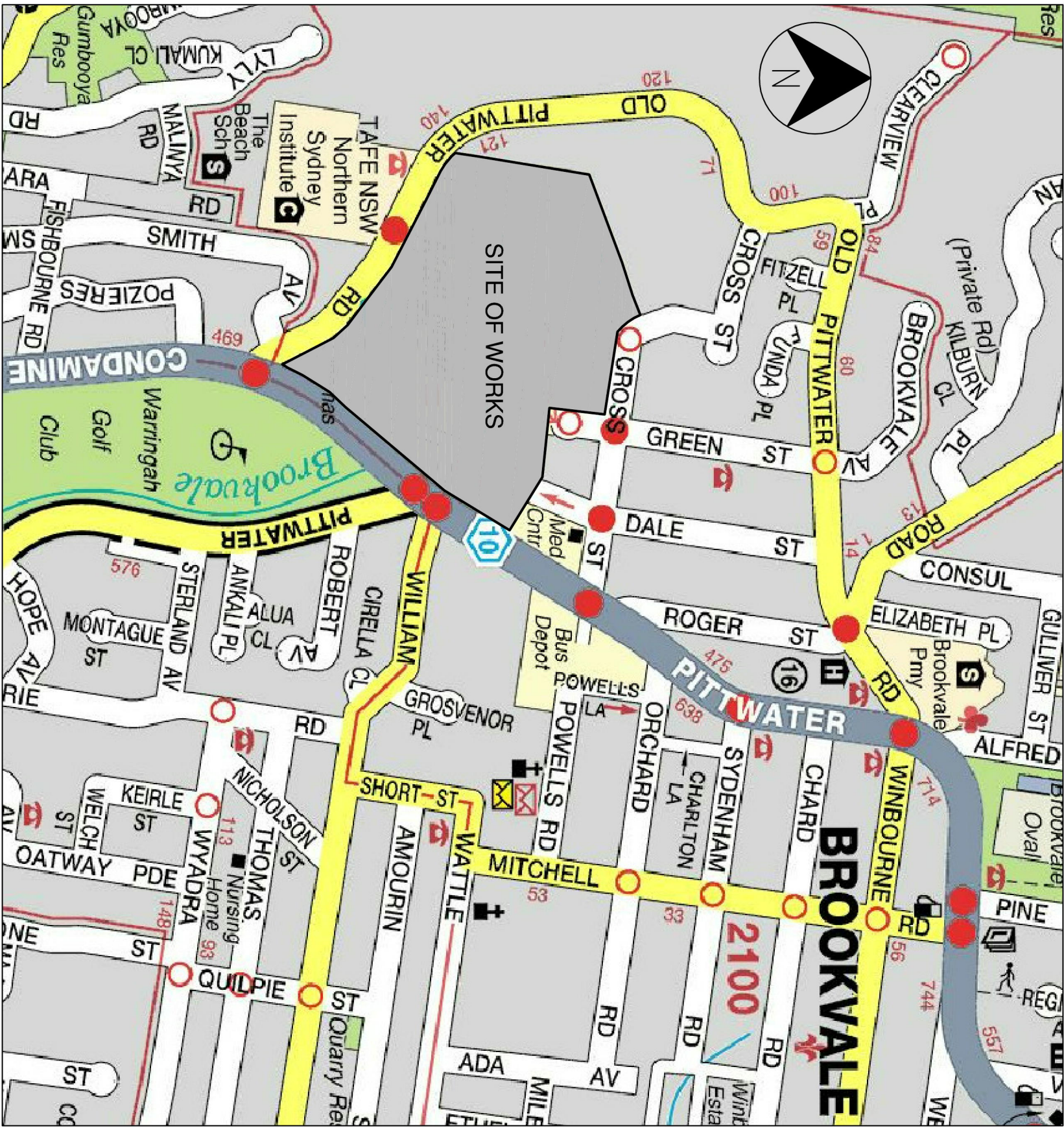
STAGE 1 EXPANSION WORKS

SECTION 96 APPLICATION

WARRINGAH MALL, BROOKVALE

DRAWING SCHEDULE

W4548-300	COVER SHEET, GENERAL NOTES AND DRAWING SCHEDULE
W4548-301	GENERAL ARRANGEMENT PLAN - STAGE 1 EXPANSION WORKS
W4548-310	DETAIL ARRANGEMENT PLAN - CROSS STREET & BROOKVALE CREEK
W4548-311	WOOL WORTHS LOADING DOCK
W4548-312	DETAIL ARRANGEMENT PLAN - STARFISH CARPARK
W4548-313	DETAIL ARRANGEMENT PLAN - CROSS AND GREEN STREETS
W4548-314	DETAIL ARRANGEMENT PLAN - CROSS STREET GREEN STREETS SECTIONS
W4548-315	DETAIL ARRANGEMENT PLAN - CROSS STREET ROUNDABOUT - PLAN
W4548-316	DETAIL ARRANGEMENT PLAN - CROSS STREET ROUNDABOUT - DETAILS
W4548-317	TARGET ENTRY - CONCRETE PLANTER BOX
W4548-318	GENERAL ARRANGEMENT PLAN - STAGE 1 EXPANSION WORKS
W4548-319	DAVID JONES LOADING DOCK LAYOUT
W4548-320	STORMWATER LONGSECTIONS
W4548-330	EROSION & SEDIMENT CONTROL PLAN SHEET 1 OF 3
W4548-331	EROSION & SEDIMENT CONTROL PLAN SHEET 2 OF 3
W4548-332	EROSION & SEDIMENT CONTROL PLAN SHEET 3 OF 3
W4548-333	EROSION & SEDIMENT CONTROL DETAILS



LOCALITY PLAN
NOT TO SCALE

GENERAL NOTES

- CG1.

THE INFORMATION CONTAINED ON THESE DRAWINGS IS FOR CIVIL ENGINEERING PURPOSES ONLY. ALL DISCREPANCIES WITH OTHER CONSULTANTS' DOCUMENTATION THAT COULD RESULT IN CHANGES TO THE CIVIL ENGINEERING DETAILS SHALL BE REFERRED TO THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CG2.

ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS FOR THESE WORKS AND/OR AS DIRECTED BY THE SUPERINTENDENT.
- CG3.

THE CONTRACTOR SHALL LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION AND PROTECT AND MAKE ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE AND/OR ADJUST IF NECESSARY. INFORMATION GIVEN ON THE DRAWINGS IN RESPECT TO SERVICES IS FOR GUIDANCE ONLY. IS NOT GUARANTEED COMPLETE NOR CORRECT.
- CG4.

CONTRACTOR IS NOT TO ENTER UPON NOR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT THE PERMISSION OF THE OWNER AND SUPERINTENDENT.
- CG5.

CONTRACTOR SHALL CLEAR THE SITE BY REMOVING ALL RUBBISH, FENCES AND DEBRIS, ETC. TO THE EXTENT SPECIFIED.
- CG6.

ALL SITE REGRAVING AREAS SHALL BE FINALLY GRADED TO THE SATISFACTION OF THE SUPERINTENDENT.
- CG7.

SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED OR REMOVED FROM SITE.
- CG8.

ALL NEW WORKS SHALL MAKE A SMOOTH JUNCTION WITH EXISTING.
- CG9.

ANY QUANTITIES GIVEN ARE FOR GUIDANCE ONLY.
- CG10.

PLANS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL PLANS BY WESTFIELD

THIS PLAN TO BE
READ IN
CONJUNCTION WITH
MOD2014/0079
WARRINGAH
COUNCIL

REV	DATE	REVISIONS	DNM	DNK
C	30/08/2013	LAYOUT AMENDMENTS	NOK	SGB
B	22/05/2013	CLIENT AMENDMENTS	NOK	SGB
A	07/05/2013	SECTION 96 APPLICATION	NOK	SGB

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APPROVED	DESIGNED	SCB	BP
PROJECT DIRECTOR	DATE	PROJECT MANAGER	DATE



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WESTFIELD DESIGN & CONSTRUCTION
WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS
STAGE 1 EXPANSION WORKS
COVER SHEET, GENERAL NOTES AND DRAWING SCHEDULE

DRAWING STATUS:	NOT FOR CONSTRUCTION
DRAWING NUMBER	W4548-300
REV	C

REV	DATE	REVISIONS	DRN	CHK
C	20/06/2013	AMENDED FLOOD LEVELS	LDB	SGB
B	22/05/2013	CLIENT AMENDMENTS	NDK	SGB
A	07/05/2013	SECTION 96 APPLICATION	NDK	SGB

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AHD 9359 7900

APPROVED

DESIGNED: SGB
DRAWN: NDK
CHECKED: BP
PROJECT DIRECTOR: DATE: PROJECT MANAGER: DATE:

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DESIGNED: SGB
DRAWN: NDK
CHECKED: BP
PROJECT DIRECTOR: DATE: PROJECT MANAGER: DATE:

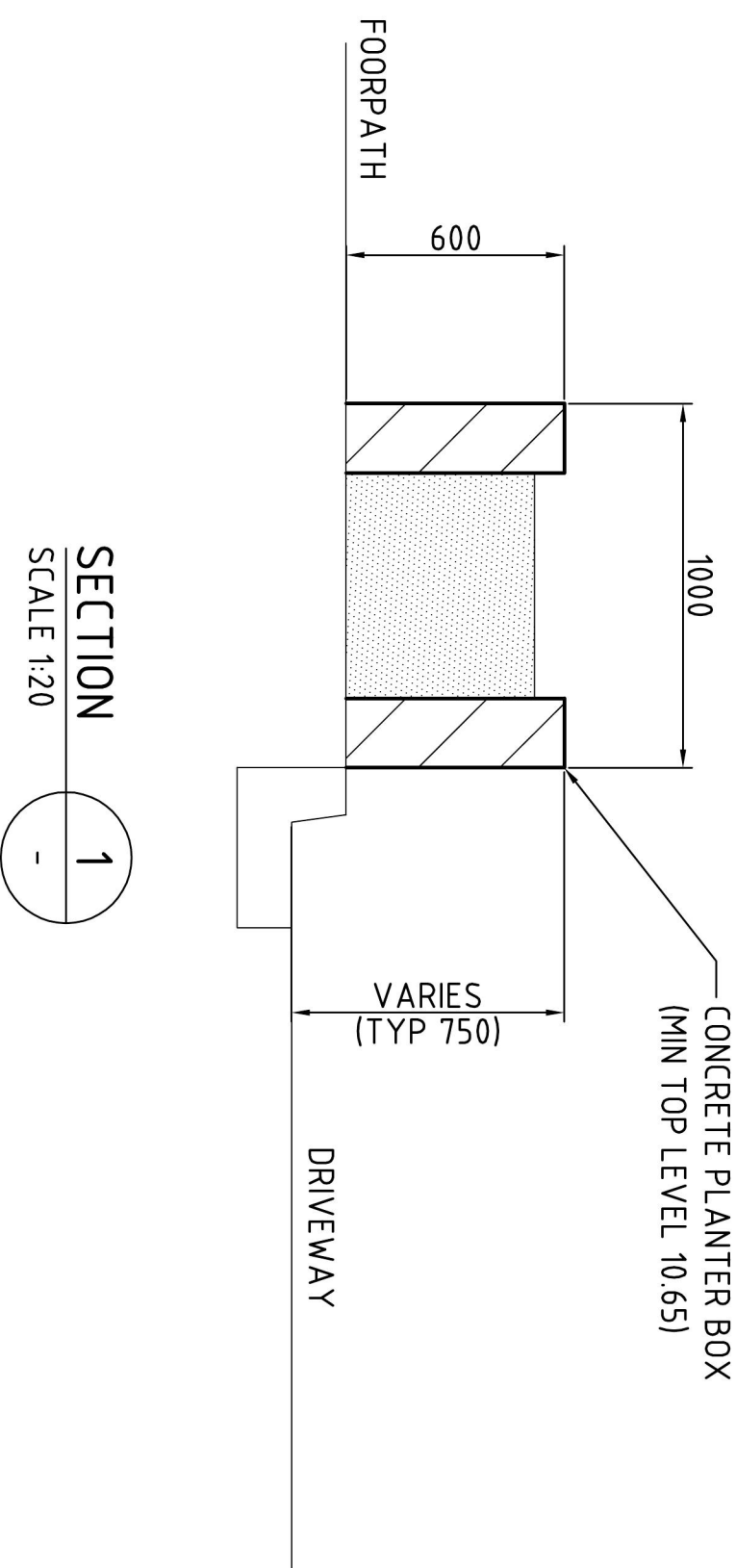
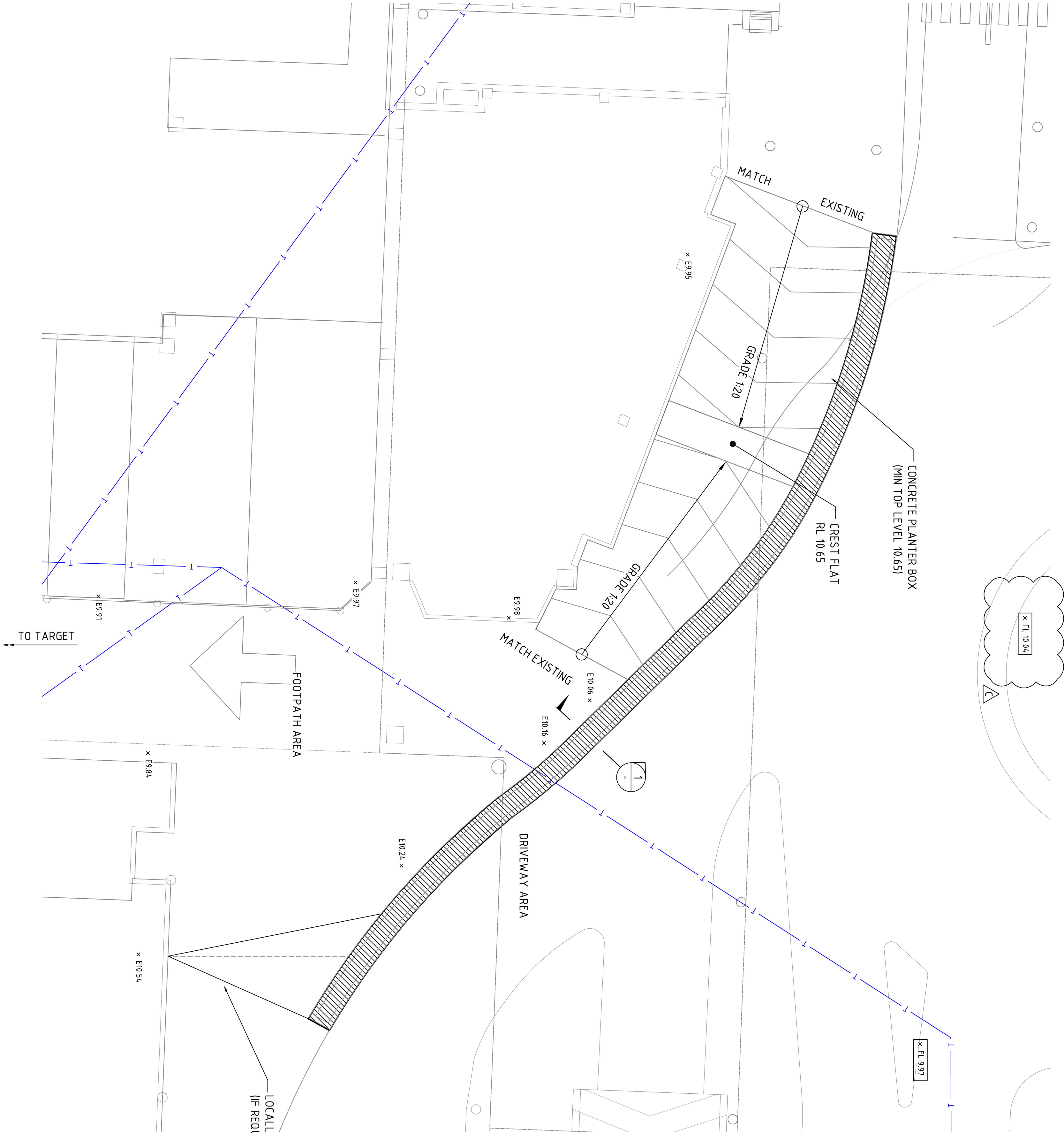
WESTFIELD DESIGN & CONSTRUCTION

WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS
STAGE 1 EXPANSION WORKS
TARGET ENTRY - CONCRETE PLANTER BOX

NOT FOR CONSTRUCTION

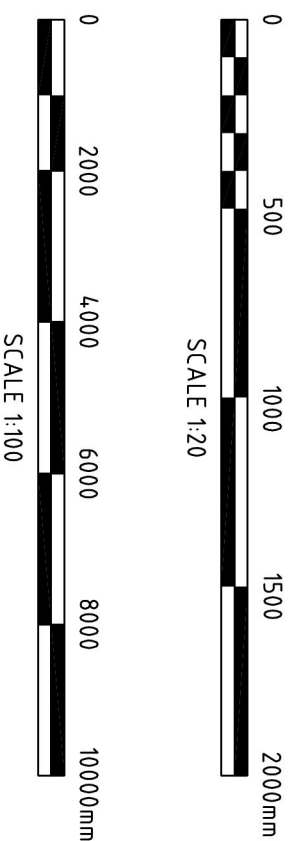
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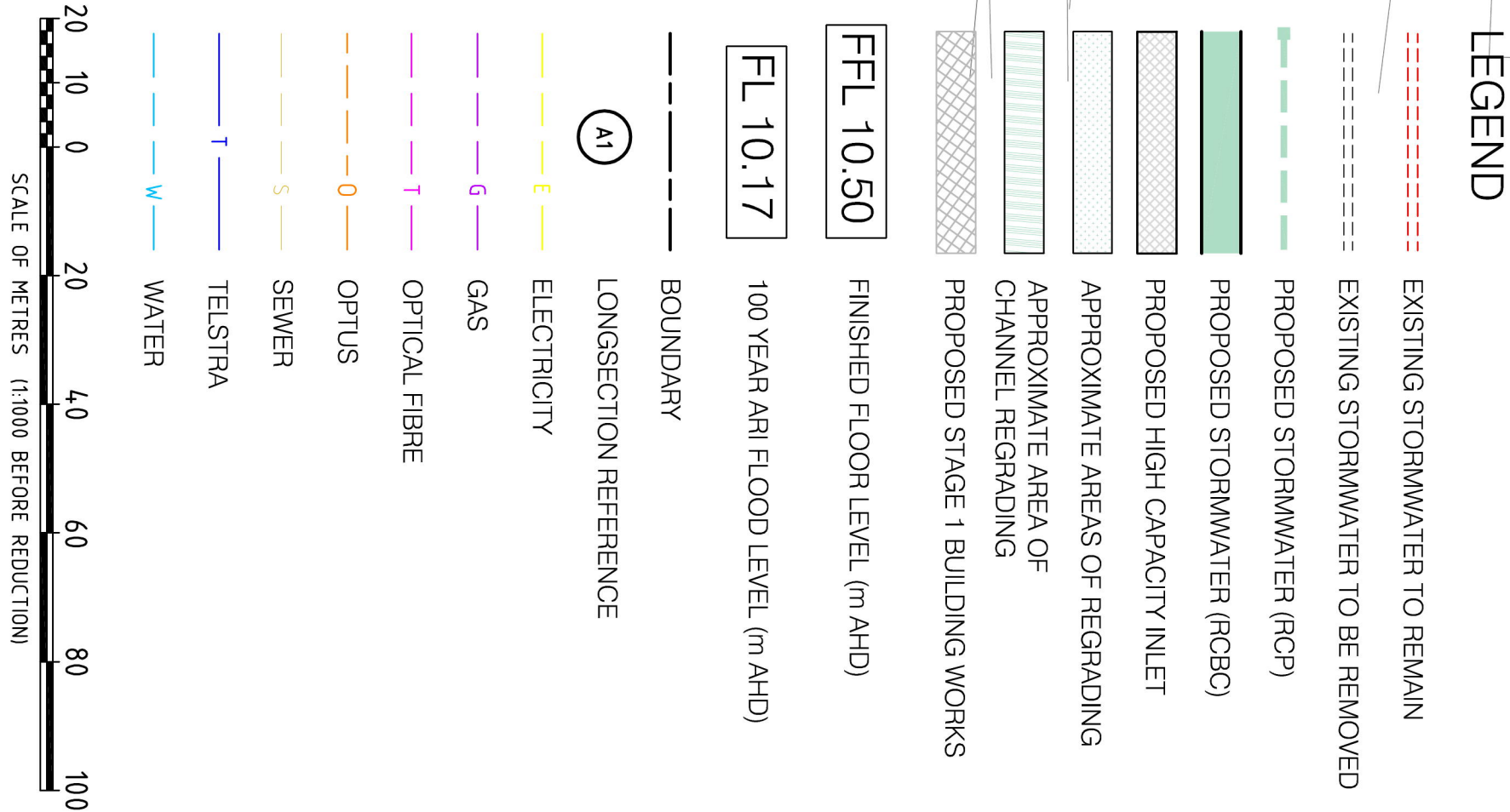
REV: C



LEGEND
EXISTING
× E10.24
× FL 1109
EXISTING LEVEL
100 YEAR ARI FLOOD LEVEL (m AHD)

THIS PLAN TO BE
READ IN
CONJUNCTION WITH
MOD2014/0079
WARRINGAH
COUNCIL





NOTE:
LOCATION AND LEVEL OF ALL
SERVICES TO BE CONFIRMED ON SITE

THIS PLAN TO BE
READ IN
CONJUNCTION WITH
MOD2014/0079
WARRINGAH
COUNCIL

<div> <div> DRAWING STATUS: NOT FOR CONSTRUCTION </div> <div> DRAWING NUMBER: W4548-318 </div> </div>	<div> REV E </div>
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REV	DATE	SECTION 96 APPLICATION	REVISIONS	DNK	SGB	DNK	SGB	DNK	SGB
C	30/08/2013	LAYOUT AMENDMENTS		DNK	SGB				
B	22/05/2013	CLIENT AMENDMENTS		DNK	SGB				
A	07/05/2013			DNK	SGB				

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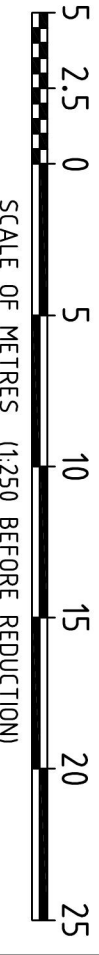


APPROVED	DESIGNED	SGB	BP
PROJECT DIRECTOR	DRAWN	NDK	SGB
DATE	REVIEWED		
PROJECT MANAGER	DATE		

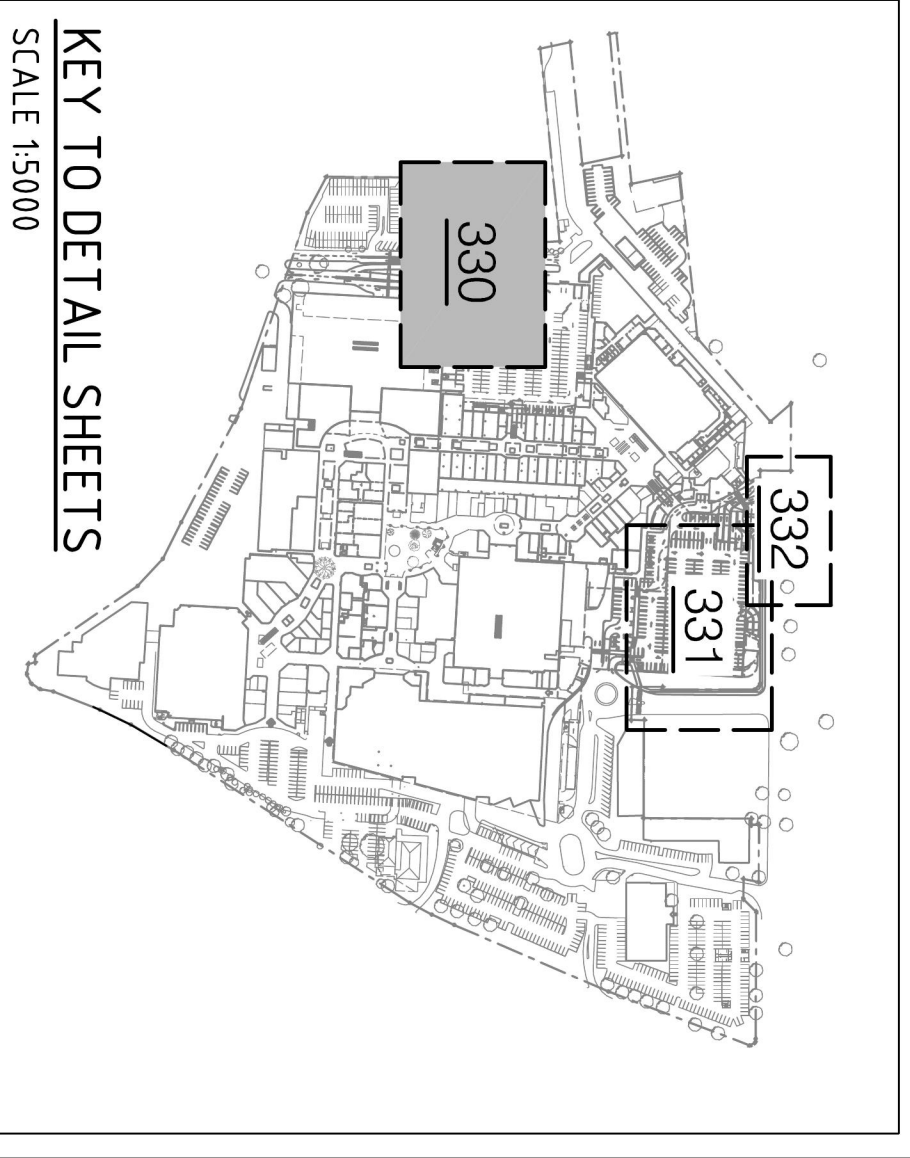
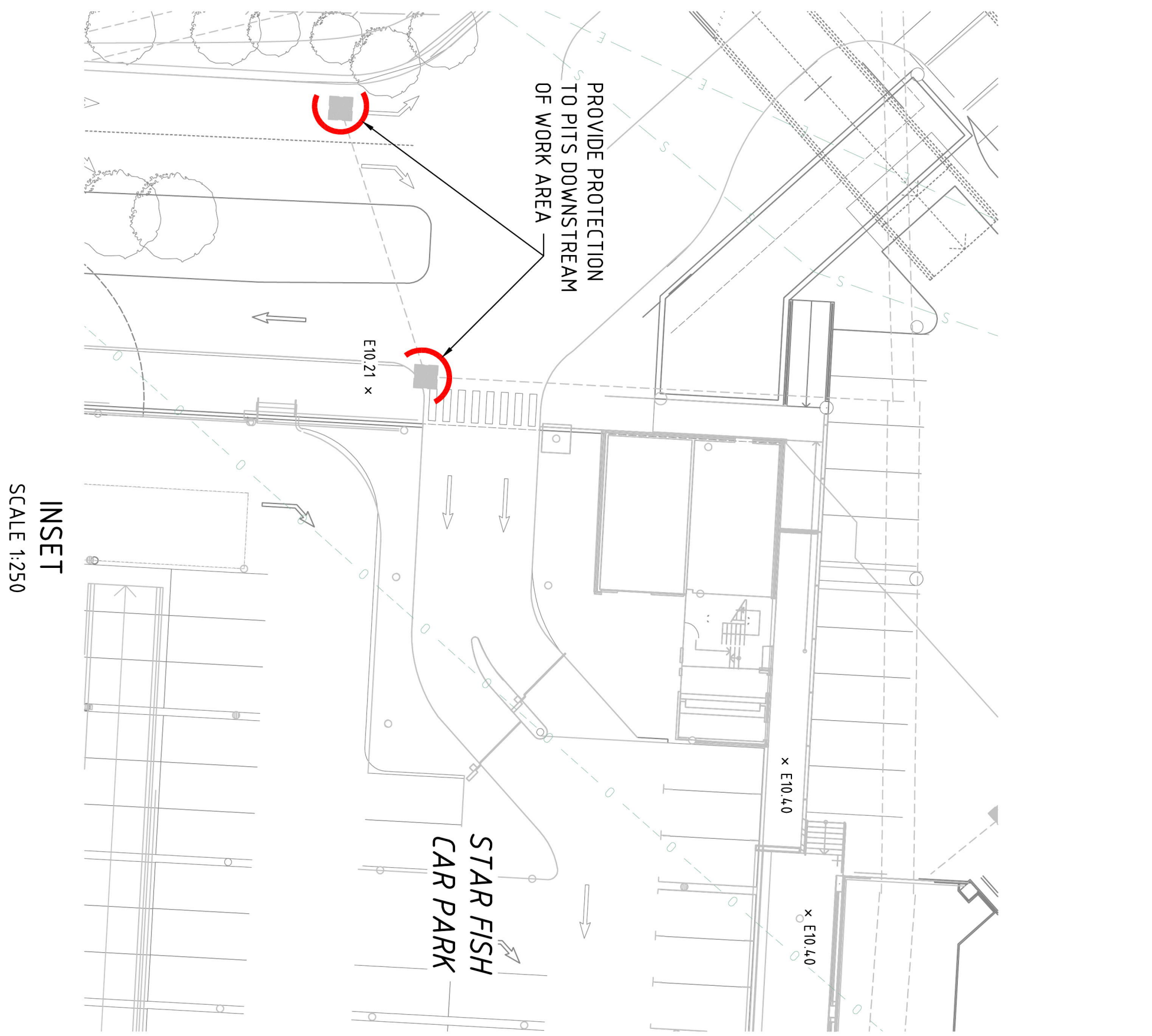
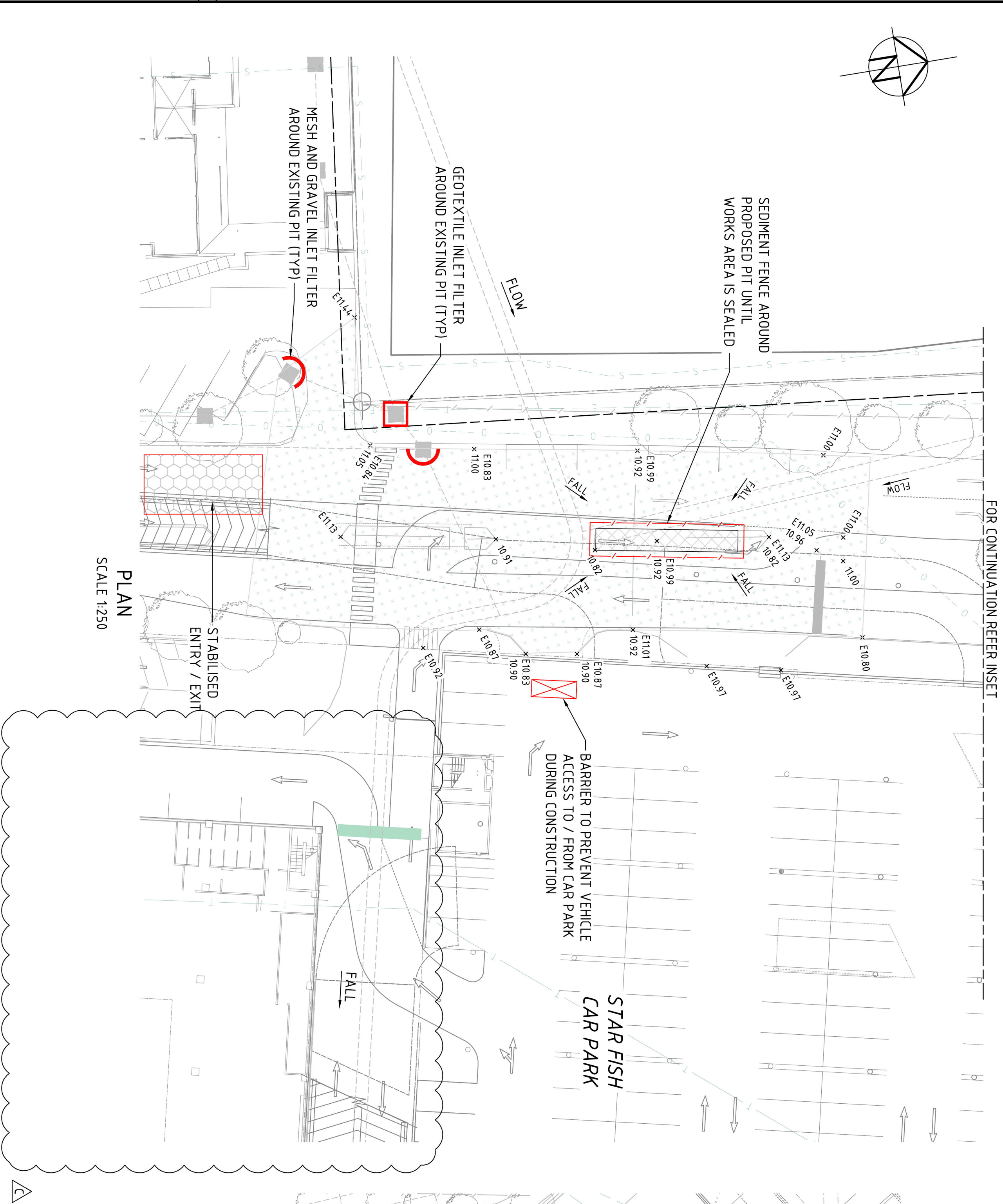


WESTFIELD DESIGN & CONSTRUCTION
WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS
STAGE 1 EXPANSION WORKS
EROSION & SEDIMENT CONTROL PLAN SHEET 1 OF 3

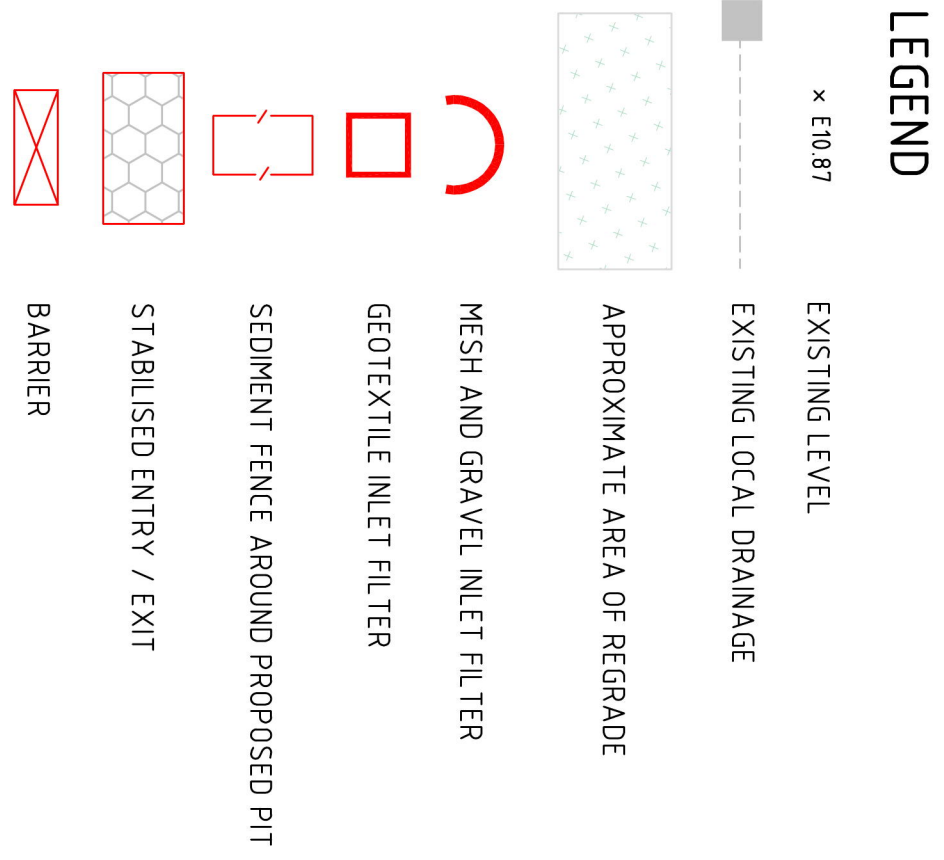
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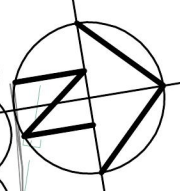


THIS PLAN TO BE
READ IN
CONJUNCTION WITH
MOD2014/0079
WARRINGAH
COUNCIL



NOTE
LOCATION OF STOCKPILES
TO BE CONFIRMED ON SITE





CROSS STREET

EXISTING KERB LINE

EXISTING KERB LINE

EXISTING KERB LINE

GEOTEXTILE INLET FILTER
AROUND EXISTING PITS (TYP)

PROPOSED
'PALM TREE'
CARPARK

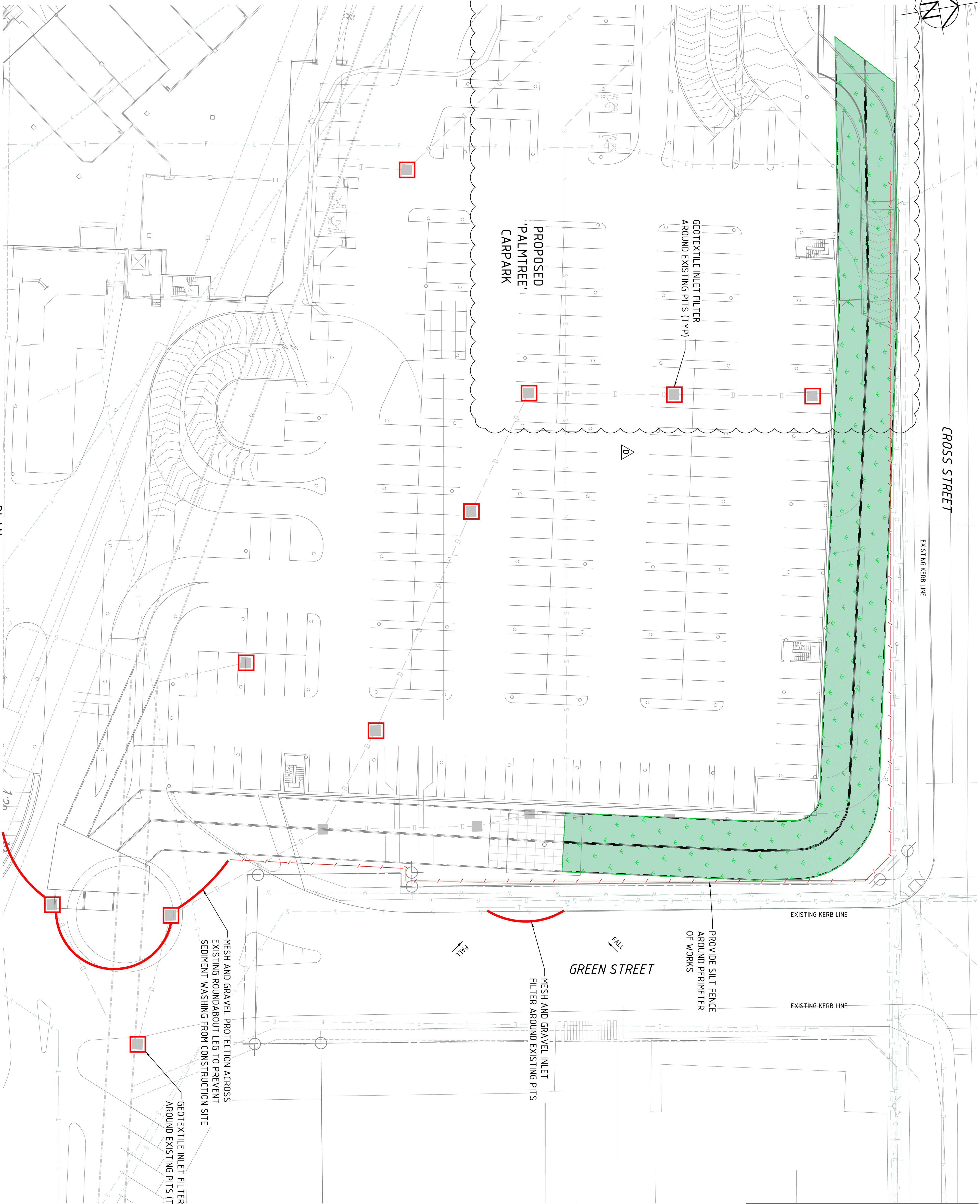
GREEN STREET

PROVIDE SILT FENCE
AROUND PERIMETER
OF WORKS

MESH AND GRAVEL INLET
FILTER AROUND EXISTING PITS

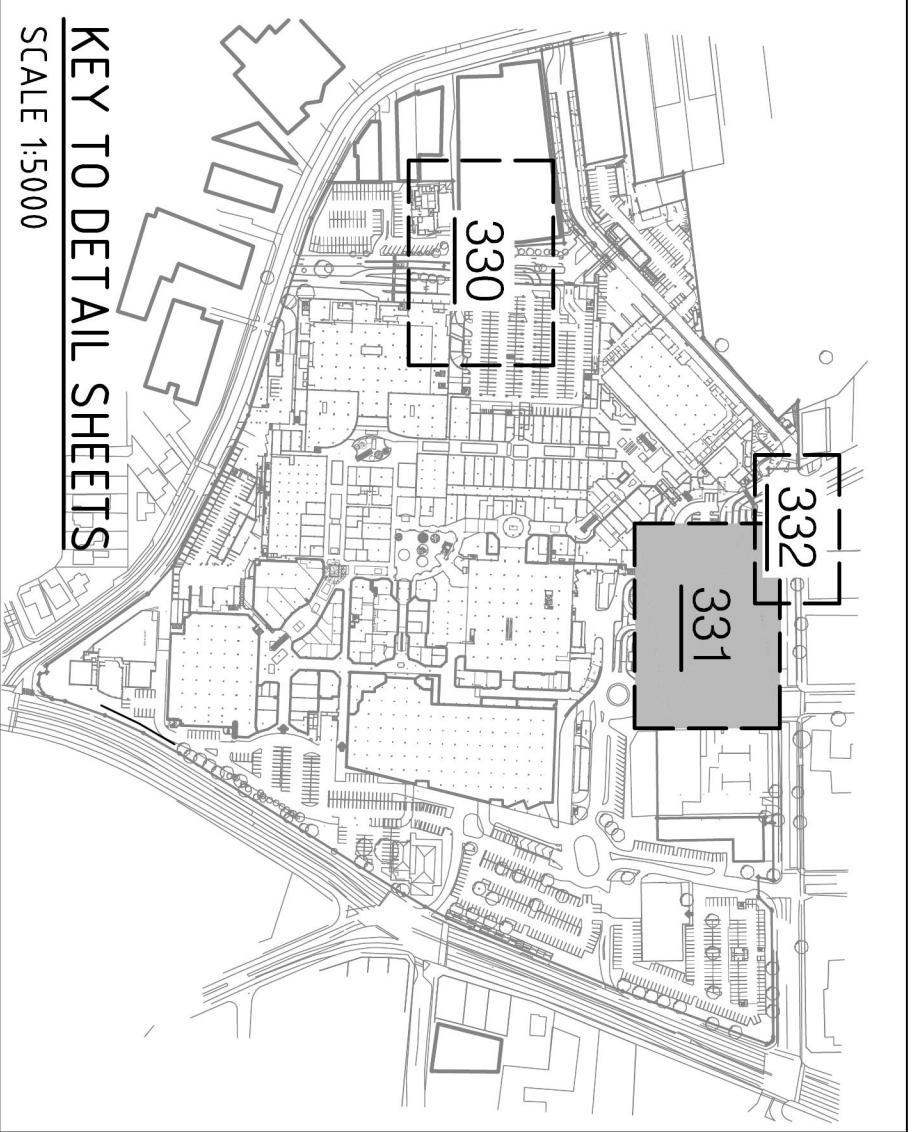
MESH AND GRAVEL PROTECTION ACROSS
EXISTING ROUNDABOUT LEG TO PREVENT
SEDIMENT WASHING FROM CONSTRUCTION SITE

GEOTEXTILE INLET FILTER
AROUND EXISTING PITS (TYP)



PLAN

SCALE 1:250



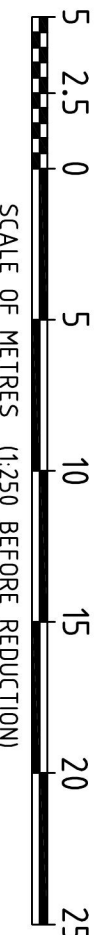
LEGEND

- EXISTING LEVEL
- EXISTING LOCAL DRAINAGE
- MESH AND GRAVEL INLET FILTER
- GEOTEXTILE INLET FILTER
- SILT FENCE

NOTE

- LOCATION OF STOCKPILES TO BE CONFIRMED ON SITE
- LOCATION OF STABILISED ENTRY/EXIT TO BE CONFIRMED ON SITE

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MOD2014/0079
WARRINGAH
COUNCIL



XREF: X-BORDER, X-Services, X-Drainage, X-Carpark, X-Survey, X-Architect
C:\01\Projects\1805\1714\500_589\Other\Cardno Business Units\899\14\004_Warringah Mall - Stage 1\Stage 1 Culverts\Drawings\Build\Civil\TeW\4548-3310\DWG

DATE PLOTTED: 16 October, 2013 - 5:46pm

REV	DATE	REVISIONS	DN	CR
D	16/10/2013	LAYOUT AMENDMENTS	NOX	SCB
C	30/08/2013	LAYOUT AMENDMENTS	NOX	SCB
B	22/05/2013	CLIENT AMENDMENTS	NOX	SCB
A	07/05/2013	SECTION 96 APPLICATION	NOX	SCB

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	DESIGNED	SGB	BP
	DRAWN	NDK	SGB
APPROVED:	REVIEWED:		
PROJECT DIRECTOR	DATE	PROJECT MANAGER	DATE

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WESTFIELD DESIGN & CONSTRUCTION

WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS
STAGE 1 EXPANSION WORKS
EROSION & SEDIMENT CONTROL PLAN SHEET 2 OF 3

DRAWING STATUS: NOT FOR CONSTRUCTION

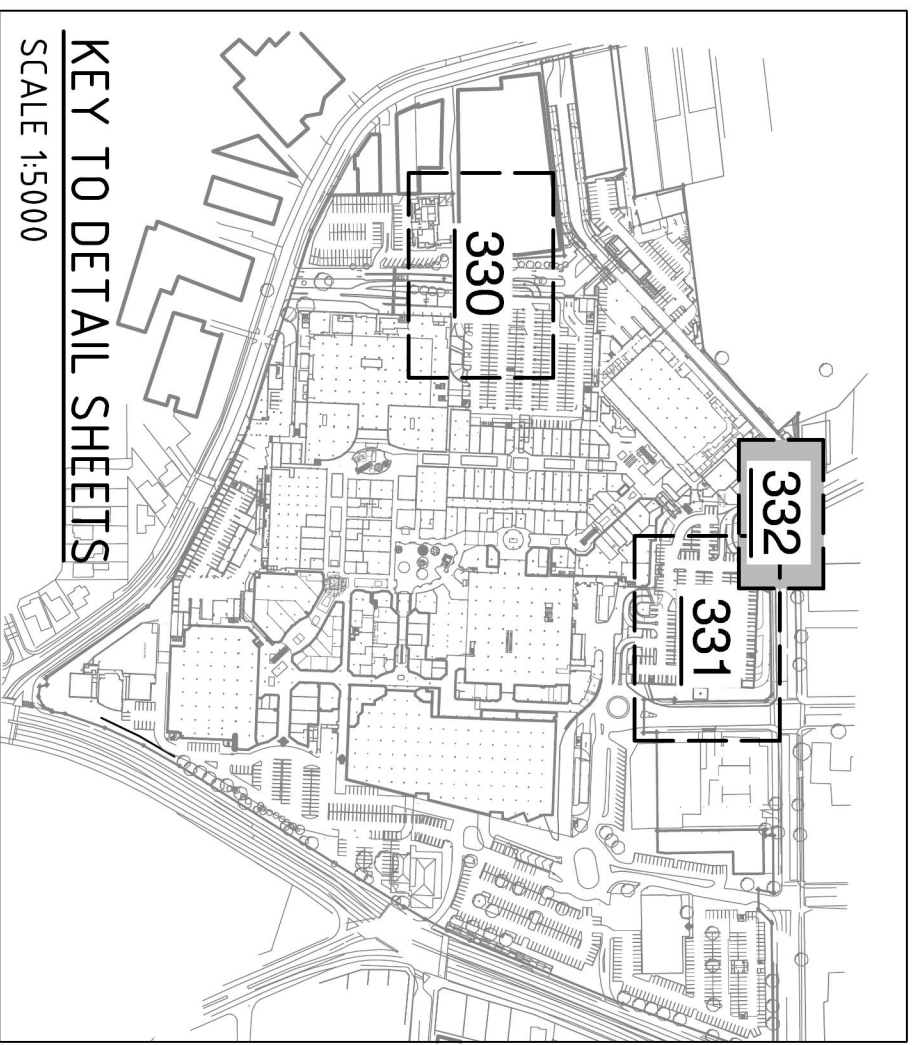
DRAWING NUMBER

W4548-331

REV

D

A1 ON ORIGINAL



- NOTE**

 1. LOCATION OF STOCKPILES TO BE CONFIRMED ON SITE
 2. LOCATION OF STABILISED ENTRY/EXIT TO BE CONFIRMED ON SITE

 **Cardno**

Cardno (NSW) Pty Ltd

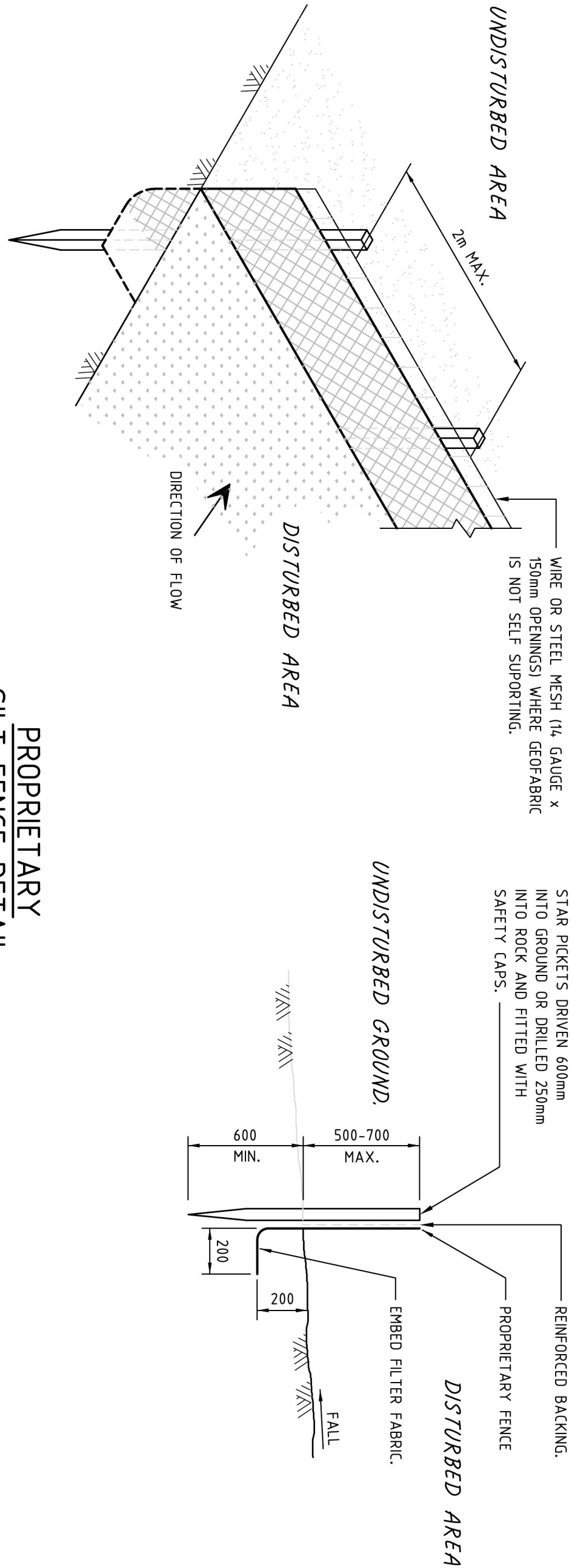
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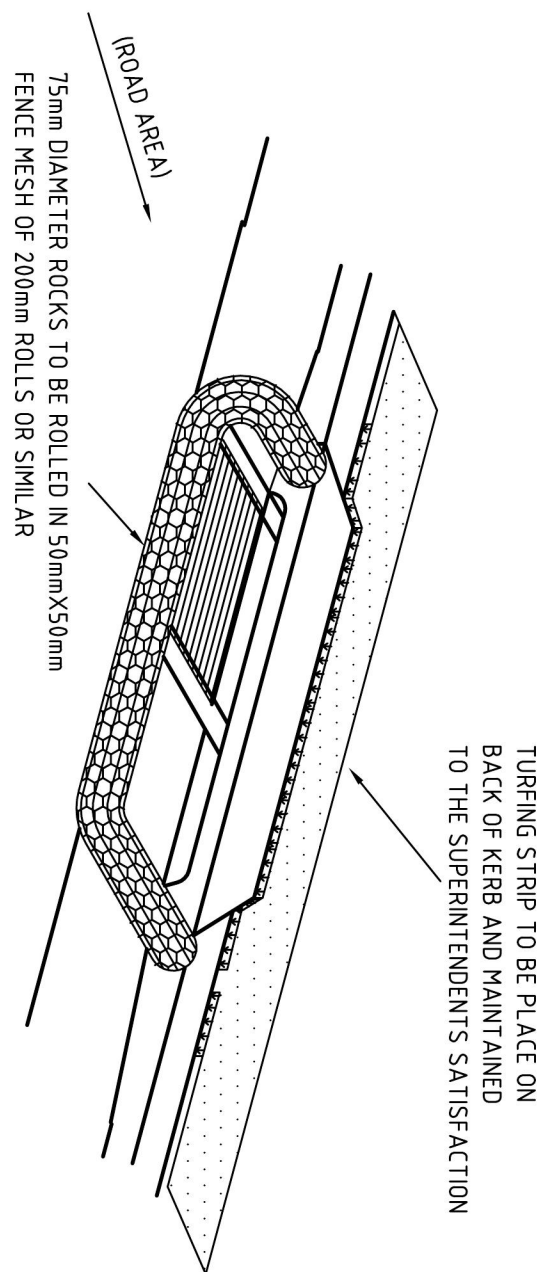
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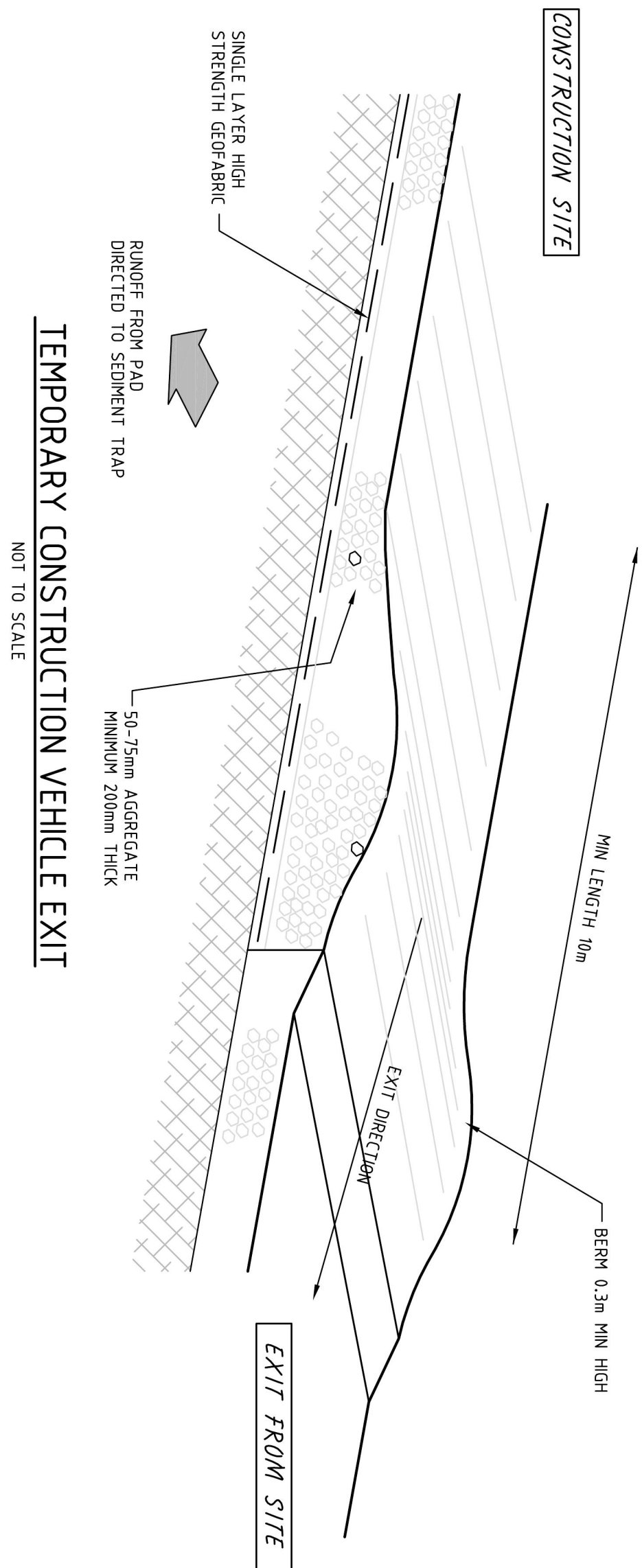
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DRAWING NUMBER:	W4548-332



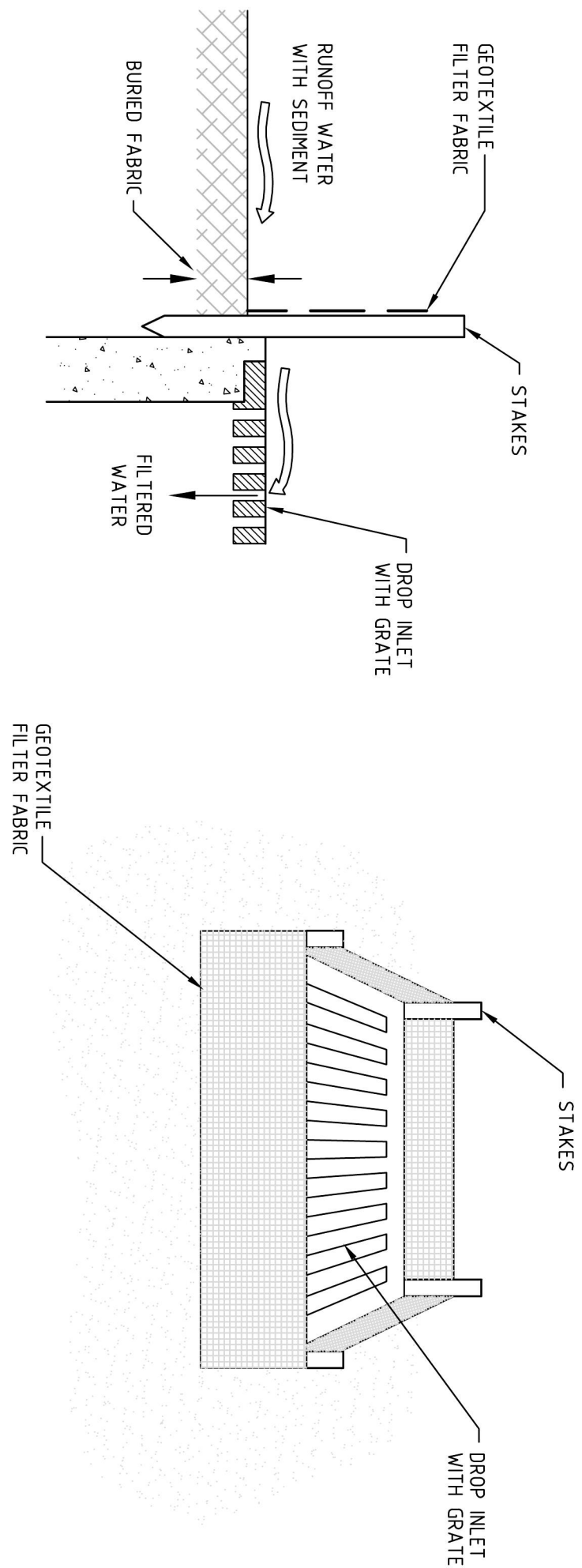
PROPRIETARY
SILT FENCE DETAIL
NOT TO SCALE



DETAIL OF MESH AND GRAVEL INLET
SEDIMENT TRAP
NOT TO SCALE



TEMPORARY CONSTRUCTION VEHICLE EXIT
NOT TO SCALE



GEOTEXTILE FILTER
SEDIMENT TRAP
NOT TO SCALE

REV	DATE	SECTION 96 APPLICATION	REVISIONS	DNK	SGB	DNK	SGB	DNK	SGB
B	22/05/2013	CLIENT AMENDMENTS							
A	07/05/2013	SECTION 96 APPLICATION							

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	DRAWN	NDK	SGB		
PROJECT DIRECTOR	DATE	PROJECT MANAGER	DATE		



WESTFIELD DESIGN & CONSTRUCTION
WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS
STAGE 1 EXPANSION WORKS
EROSION & SEDIMENT CONTROL DETAILS

NOT FOR CONSTRUCTION	DRAWING NUMBER	W4548-333	REV	B
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THIS PLAN TO BE
READ IN
CONJUNCTION WITH
MOD2014/0079
WARRINGAH
COUNCIL

REV	DATE	DESCRIPTION	BY	CHECKED
A	07/05/2013	SECTION 96 APPLICATION	NOK	SGB
B	22/05/2013	CLIENT AMENDMENTS	NOK	SGB
C	17/06/2013	CLIENT AMENDMENTS	NOK	SGB
D	30/08/2013	LAYOUT AMENDMENTS	NOK	SGB
E	16/10/2013	LAYOUT AMENDMENTS	NOK	SGB

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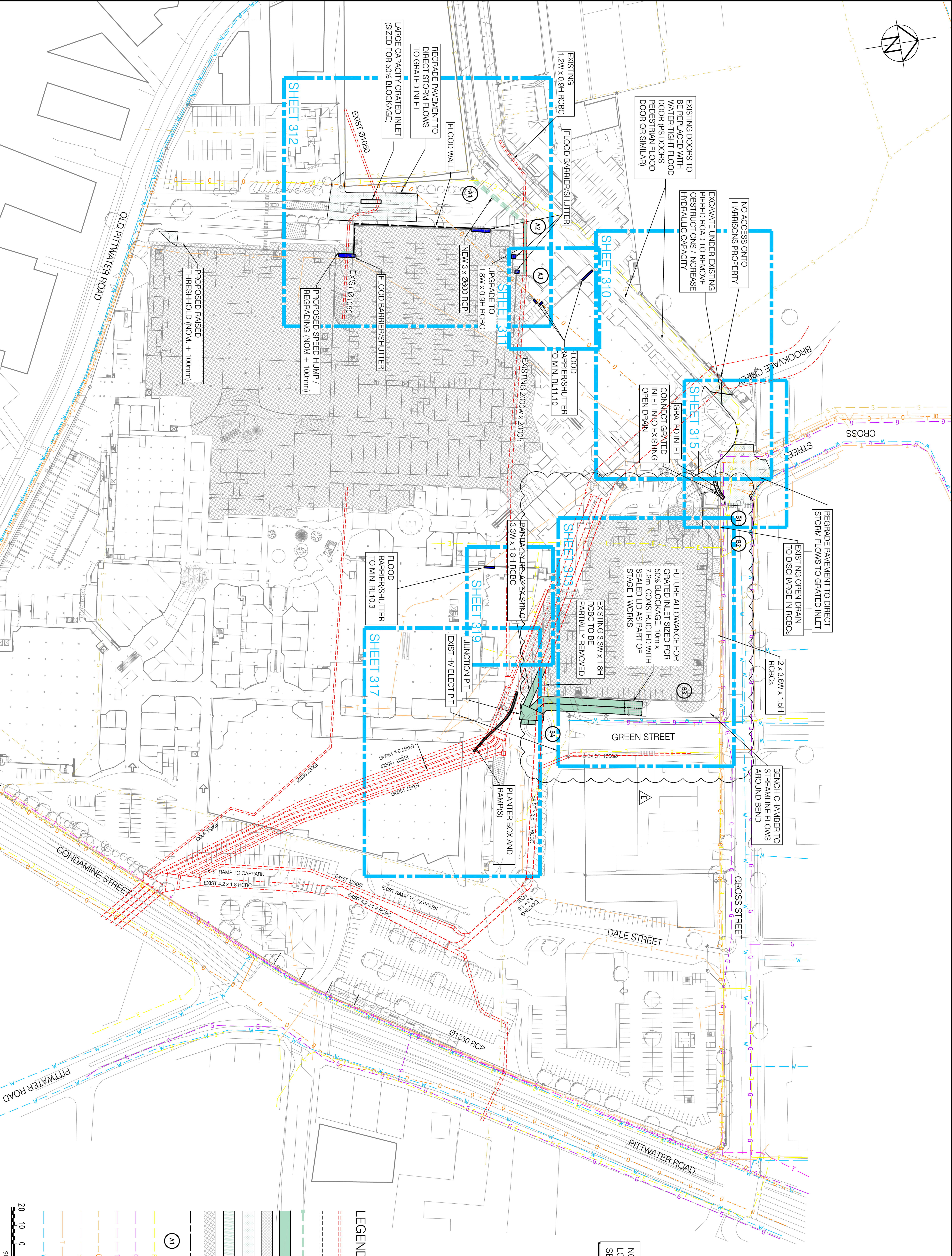


DESIGNED	CHECKED
SCB	BP
DRAWN	REVIEWED
NDK	SCB

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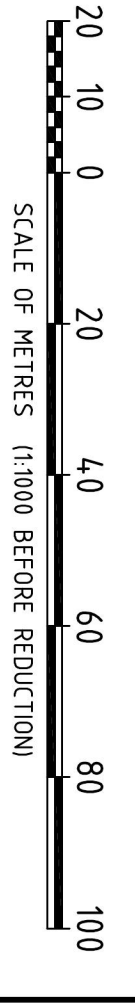
WESTFIELD DESIGN & CONSTRUCTION
WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS
STAGE 1 EXPANSION WORKS
GENERAL ARRANGEMENT PLAN - STAGE 1 EXPANSION WORKS

DRAWING STATUS	NOT FOR CONSTRUCTION
DRAWING NUMBER	W4548-301
REV	E



LEGEND

- EXISTING STORMWATER TO REMAIN
- EXISTING STORMWATER TO BE REMOVED
- PROPOSED STORMWATER (RCP)
- PROPOSED STORMWATER (RCBC)
- PROPOSED HIGH CAPACITY INLET
- APPROXIMATE AREAS OF REGRAVING
- APPROXIMATE AREA OF CHANNEL REGRAVING
- PROPOSED STAGE 1 BUILDING WORKS
- BOUNDARY
- LONGSECTION REFERENCE
- ELECTRICITY
- GAS
- OPTICAL FIBRE
- OPTUS
- SEWER
- TELSTRA
- WATER



THIS PLAN TO BE
READ IN
CONJUNCTION WITH
MOD2014/0079
WARRINGAH
COUNCIL

NOTE:
LOCATION AND LEVEL OF ALL
SERVICES TO BE CONFIRMED ON SITE

REV	DATE	REVISIONS	DRN	CHK
C	17/06/2013	COUNCIL AMENDMENTS	LDB	SGB
B	22/05/2013	CLIENT AMENDMENTS	NDK	SGB
A	07/05/2013	SECTION 96 APPLICATION	NDK	SGB

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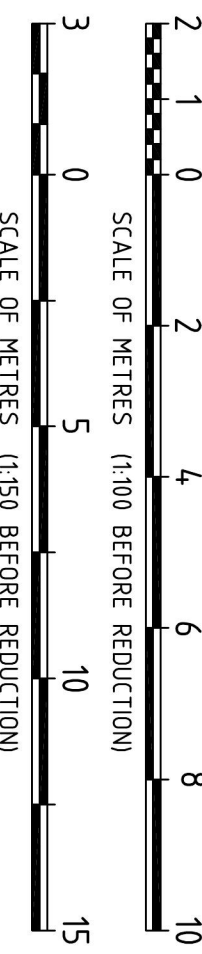


APPROVED	DESIGNED	CHECKED
DATE	DATE	DATE
PROJECT DIRECTOR	PROJECT MANAGER	

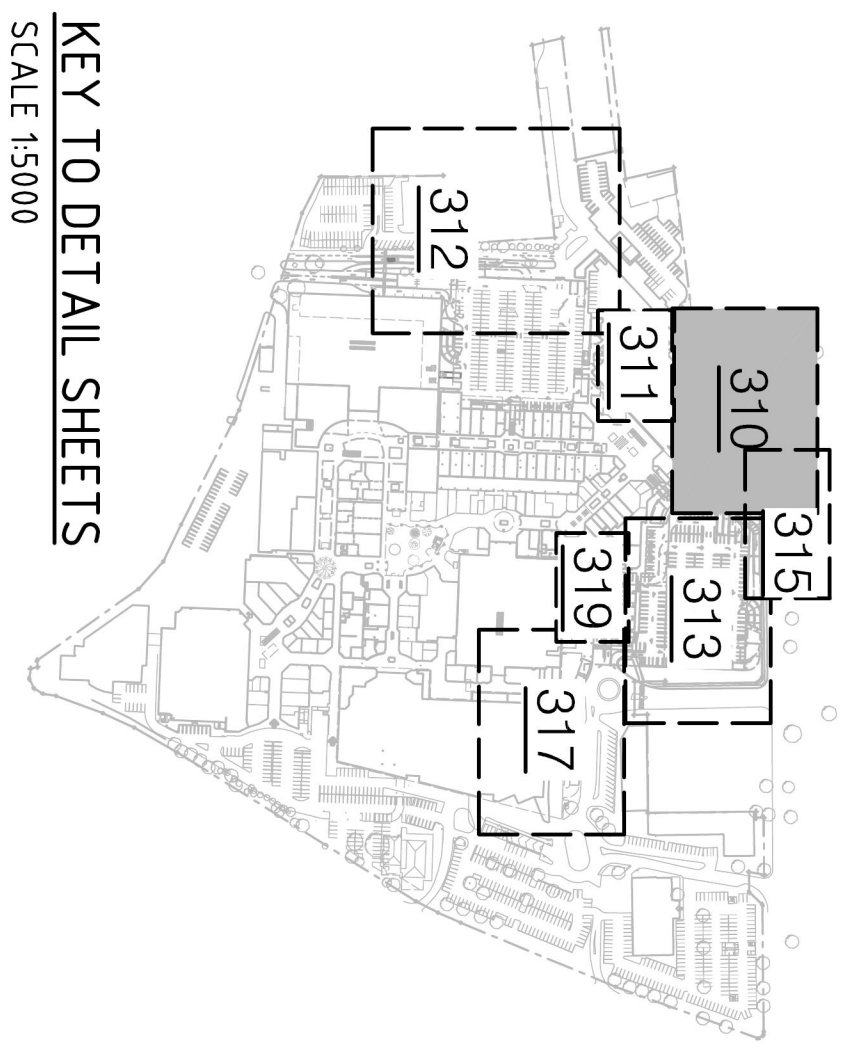
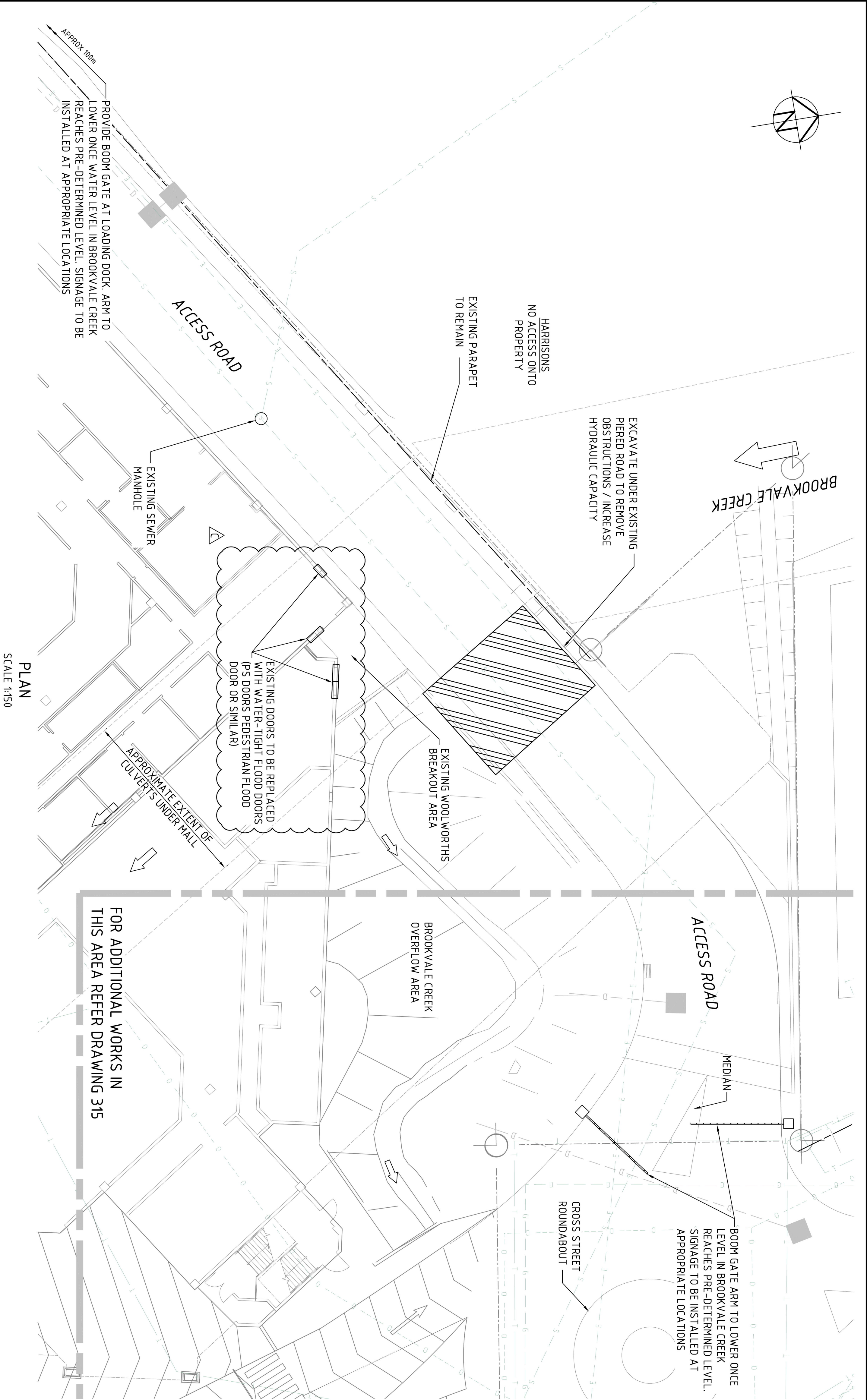
Cardno (NSW) Pty Ltd
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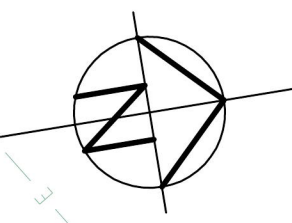
WESTFIELD DESIGN & CONSTRUCTION
WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS
STAGE 1 EXPANSION WORKS
DETAIL ARRANGEMENT PLAN - CROSS STREET & BROOKVALE CREEK

DRAWING STATUS:	REV
NOT FOR CONSTRUCTION	
DRAWING NUMBER:	
W4548-310	C



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WARRINGAH
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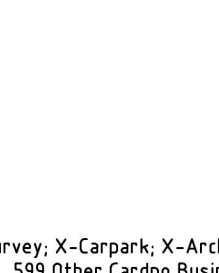




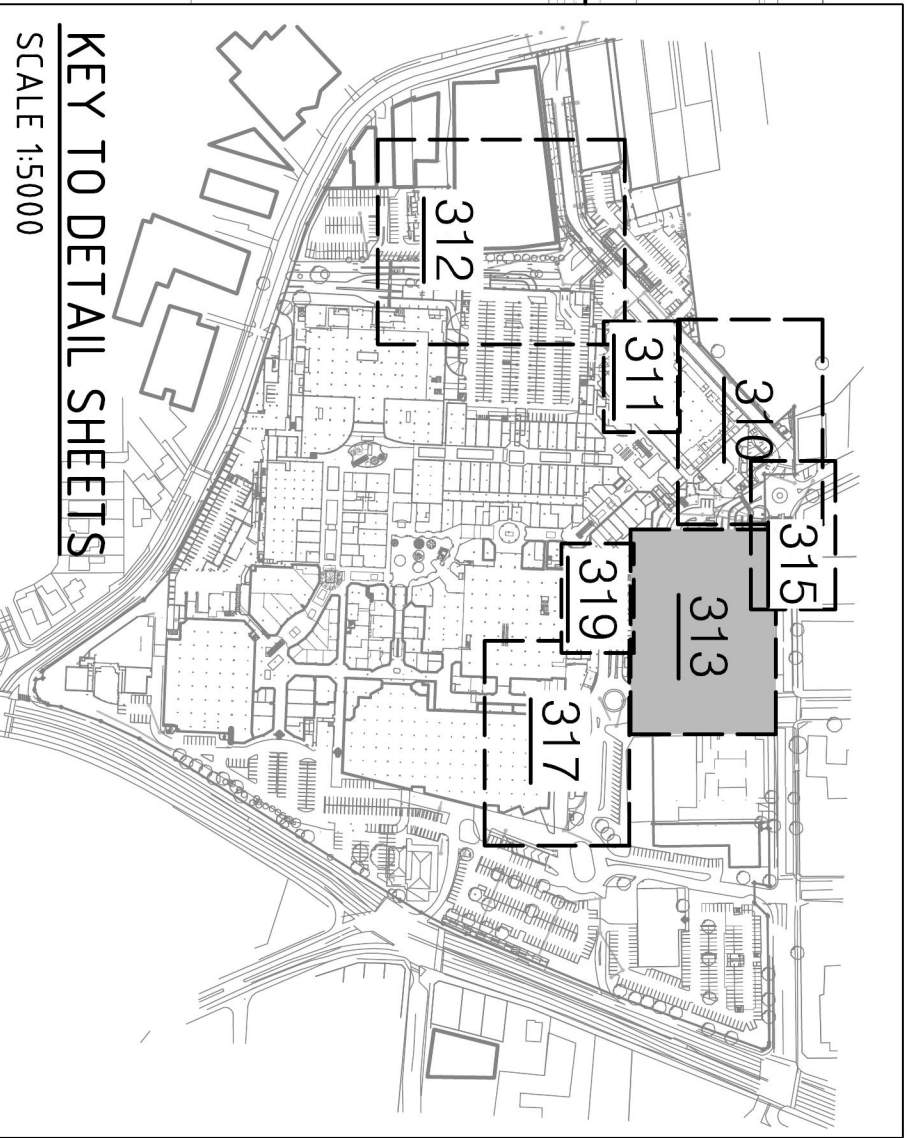
-
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THIS PLAN TO BE
READ IN
CONJUNCTION WITH
MOD2014/0079
WARRINGAH
COUNCIL

A1 ON ORIGINAL



XREF's: X-BORDER; X-Services; X-CAD File; N:\Projects\805\FY14\5



DRAWING STATUS:		NOT FOR CONSTRUCTION
DRAWING NUMBER:		
W4548-313		REV

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WARRINGAH
COUNCIL

INDICATIVE ONLY

NOTE: ALL SERVICE LOCATIONS ARE

NOTE: ALL COORDINATE LOCATIONS ARE

— 44 —

TEL: 011 223 3333

CEMED

OPTICS

OPTICAL FIBRE

GAS

ELECTRICITY

SERVICES

100 YEAR ARI

[illegible]

100

LANDSCAPING

--

[illegible]

0
0
0
0
0
0
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1

PROPOSED

EXISTING TREES

EXISTING LOCAL

EXISTING CULY

EXISTING

LEGEND



ALL SHEETS

[illegible]

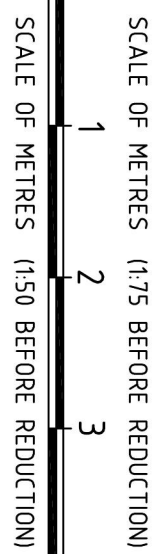
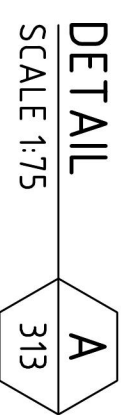
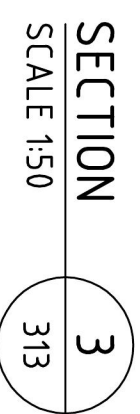
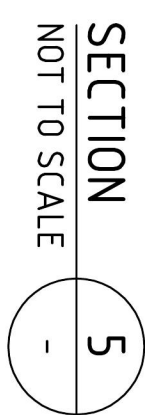
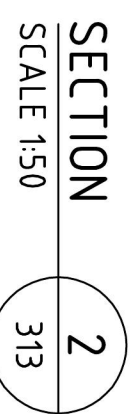
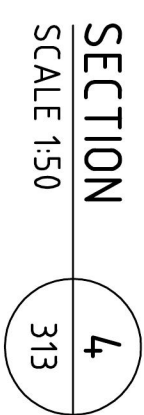
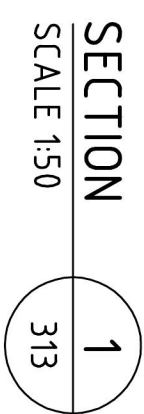
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DRAWING NUMBER:		
REV	W4548-314	
	D	

REV	DATE	SECTION 96 APPLICATION	REVISIONS	DNK	SGB
G	16/10/2013	LAYOUT AMENDMENTS	DNK SGB		
F	30/08/2013	LAYOUT AMENDMENTS	DNK SGB		
E	27/06/2013	ADDED FLOOD BARRIER	LDB SGB		
D	25/06/2013	AMENDED SITE BOUNDARY	LDB SGB		
C	17/06/2013	COUNCIL AMENDMENTS	LDB SGB		
B	22/05/2013	CLIENT AMENDMENTS	DNK SGB		
A	06/05/2013	SECTION 96 APPLICATION	DNK SGB		

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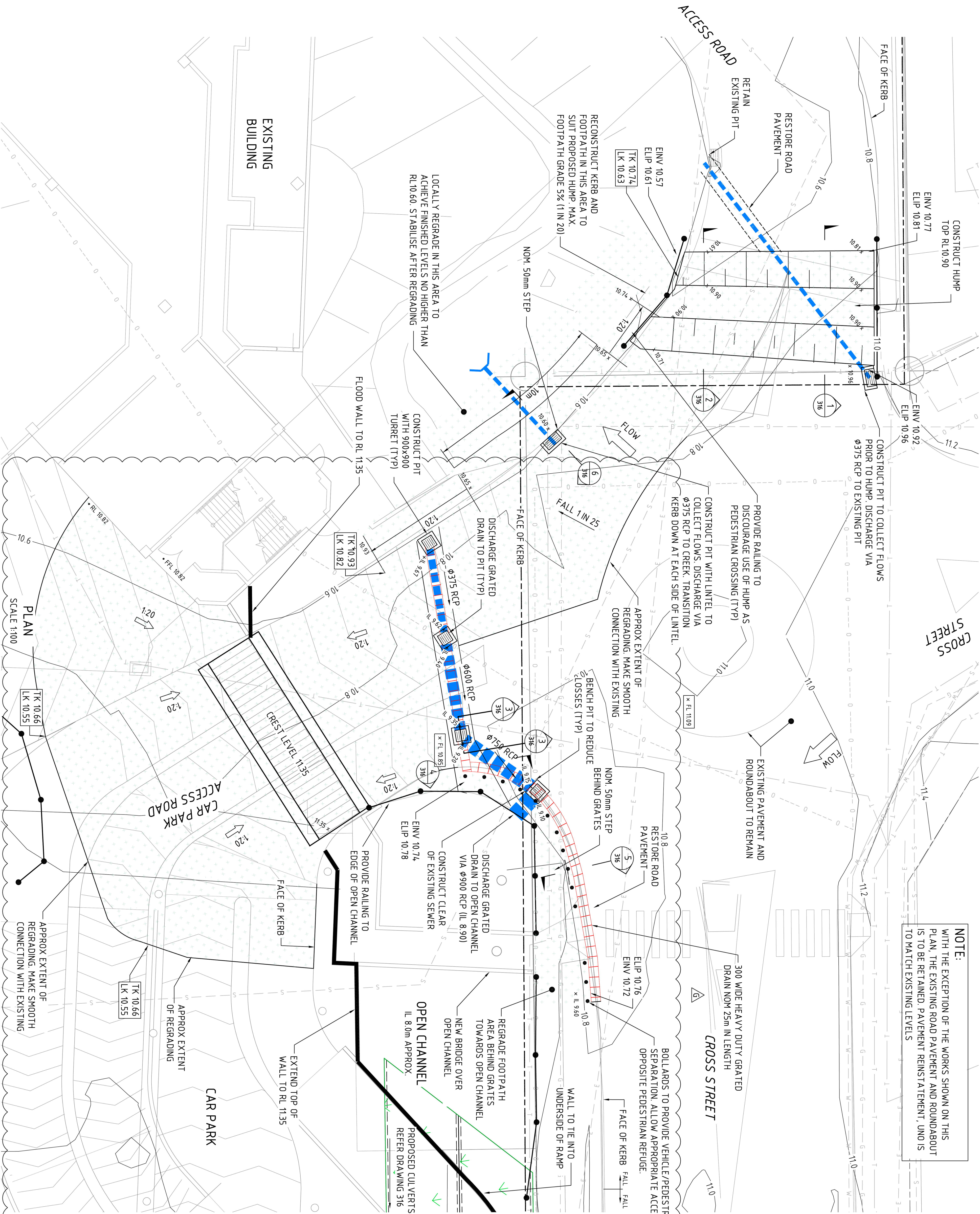


APPROVED	PROJECT DIRECTOR	DATE	PROJECT MANAGER	DATE

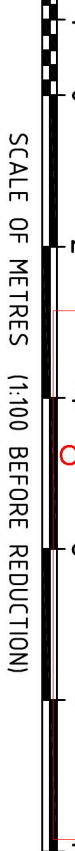
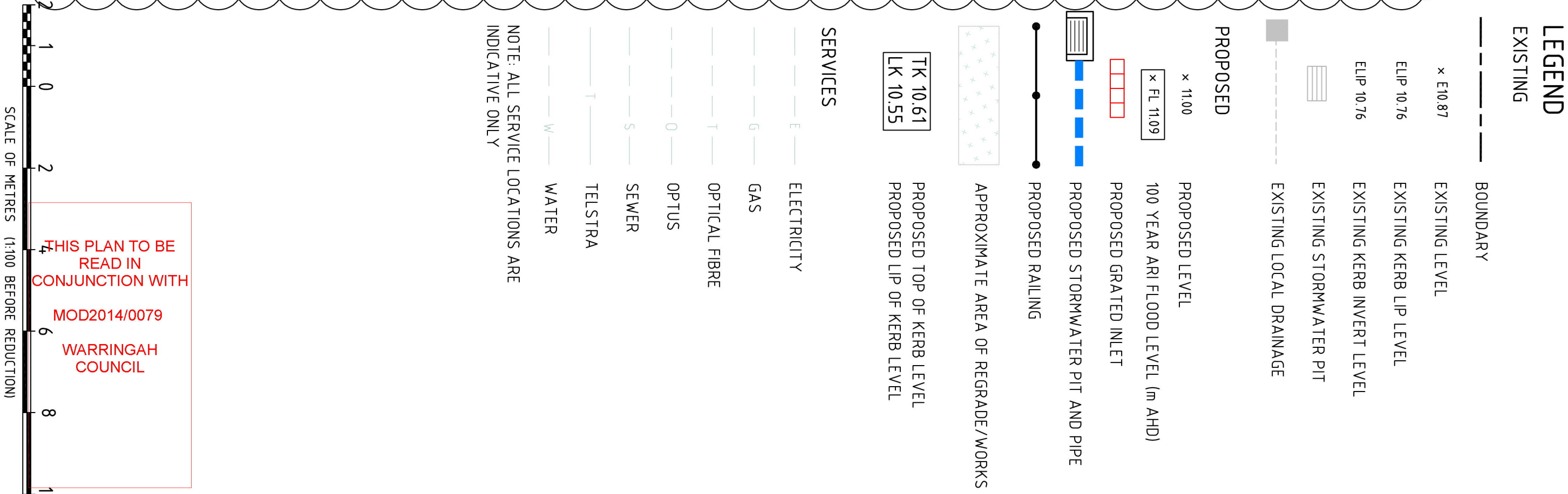
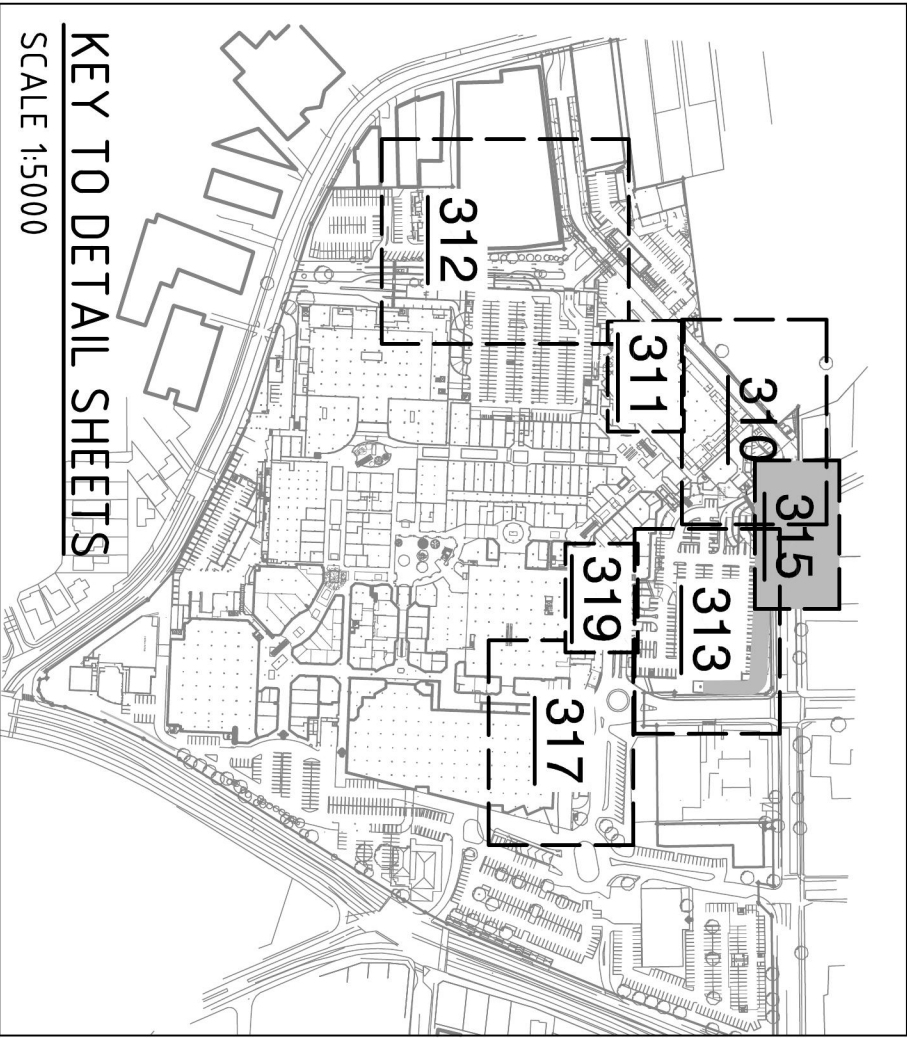


WESTFIELD DESIGN & CONSTRUCTION	WARRINGAH MALL
CONCEPT DRAINAGE AUGMENTATION WORKS	STAGE 1 EXPANSION WORKS
DETAIL ARRANGEMENT PLAN - CROSS STREET ROUNDABOUT - PLAN	

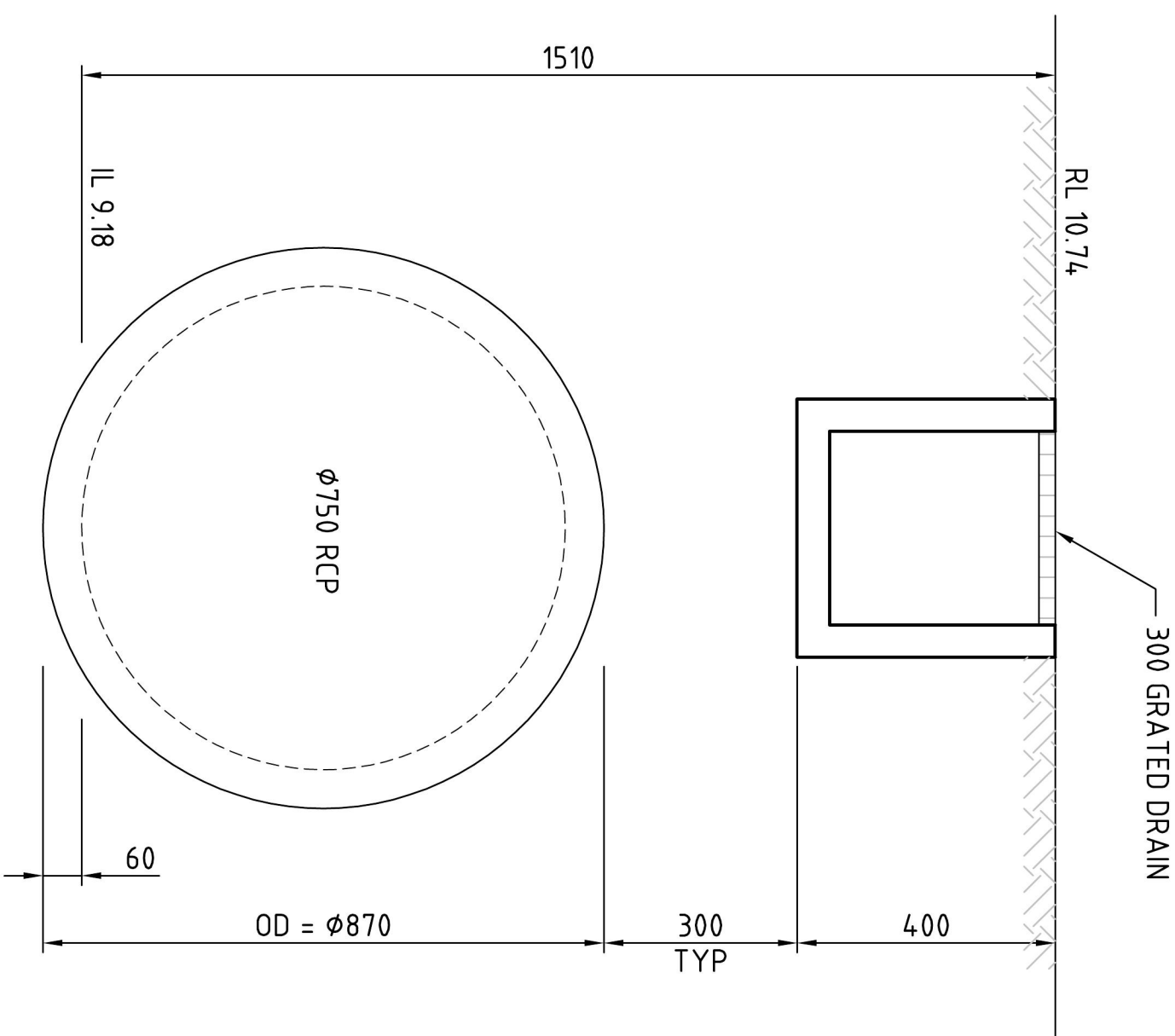
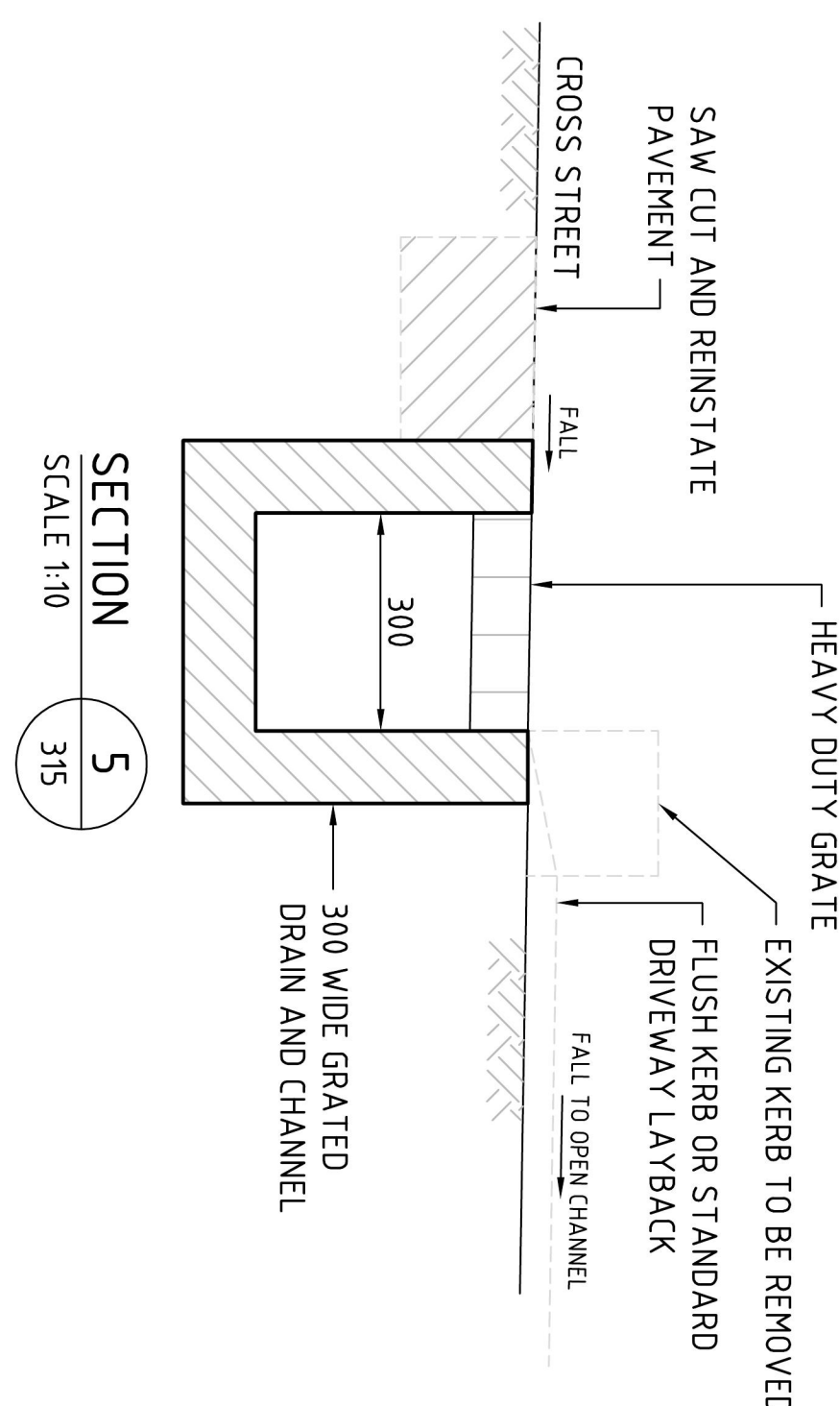
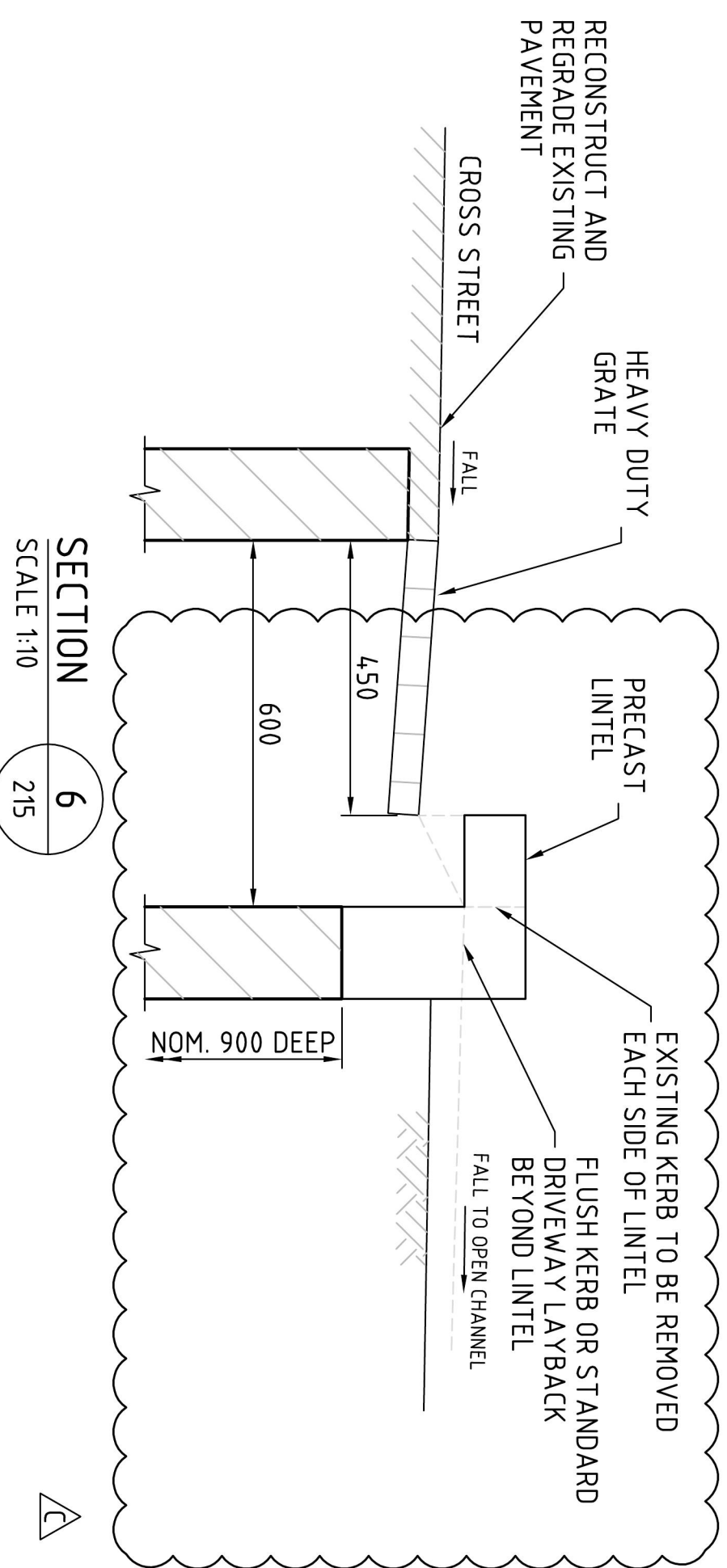
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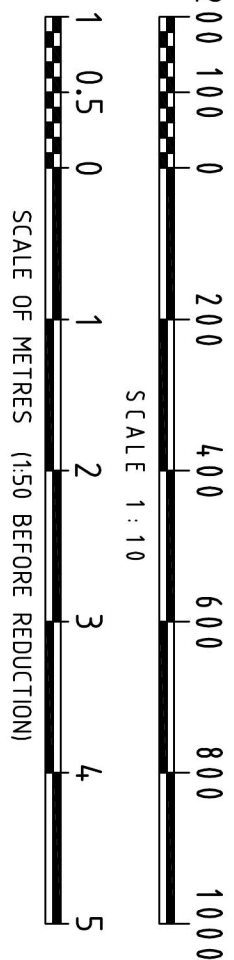
NOTE:
WITH THE EXCEPTION OF THE WORKS SHOWN ON THIS PLAN, THE EXISTING ROAD PAVEMENT AND ROUNDABOUT IS TO BE RETAINED. PAVEMENT REINSTATEMENT, UNO IS TO MATCH EXISTING LEVELS



THIS PLAN TO BE READ IN CONJUNCTION WITH
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WARRINGAH COUNCIL



TYPICAL SECTION THROUGH
GRADED DRAIN AND PIPE



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