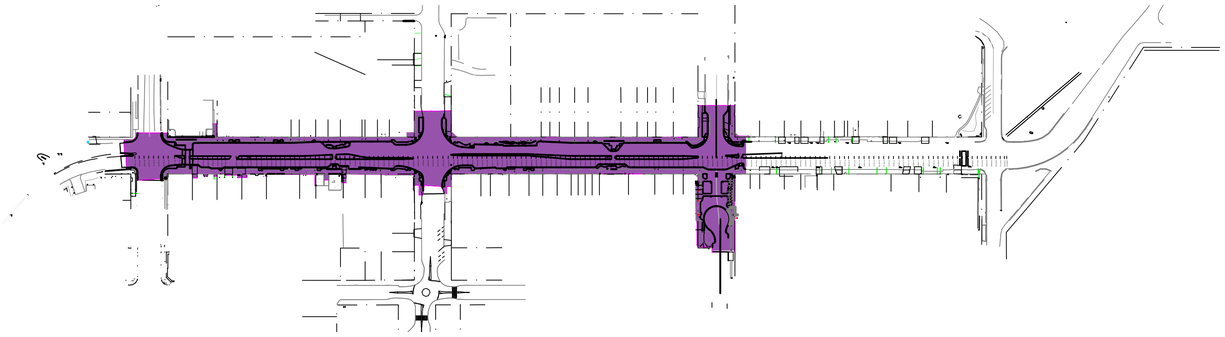
KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337
DETAILED DESIGN





LOCALITY PLAN

DRAWING STATUS

FOR CONCEPT	☐
FOR TENDER	☐
FOR INFORMATION	☐
FOR APPROVAL	☑
FOR CONSTRUCTION	☑

DENOTES SCOPE FOR TENDER

UPPER HUNTER SHIRE COUNCIL

130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337

Telephone: (02) 6540 1100
Facsimile: (02) 6545 2671
Email: council@upperhunter.nsw.gov.au

DESIGNED RHM CONSULTING ENGINEERS	REVIEWED AND ACCEPTED UPPER HUNTER SHIRE COUNCIL
SIGNED	SIGNED
NAME	NAME
DATE	DATE

RHM Consulting Engineers
Civil, Structural & Land Development
137 Kelly street Scone, NSW 2337
Tel (02) 6545 2800 rhmce@rhmce.com.au

A1 SHEET

DRAWING SCHEDULE: KELLY STREET REDEVELOPMENT

PART 1 - GENERAL			
DWG No	DRAWING TITLE	REV	DATE
CONS-GE-0101	INDEX PLAN SHEET - 1	05	25/10/23
CONS-GE-0102	INDEX PLAN SHEET - 2	05	25/10/23
CONS-GE-0103	INDEX PLAN SHEET - 3	03	25/10/23
CONS-GE-0104	INDEX PLAN SHEET - 4	05	25/10/23
CONS-GE-0105	INDEX PLAN SHEET - 5	02	25/10/23
~~CONS-GE-0301~~	~~GENERAL NOTES - SHEET 1 OF 1~~		

PART 2 - CONSTRUCTION STAGE			
DWG No	DRAWING TITLE	REV	DATE
~~CONS-CS-0101~~	~~CONSTRUCTION STAGING PLAN - STAGE #1-STAGE #6~~		
~~CONS-CS-0102~~	~~CONSTRUCTION EXTERNAL WORKS OUTSIDE OF TENDER~~		
~~CONS-CS-0210~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - DETAILS - SHEET 1~~		
~~CONS-CS-0211~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - DETAILS - SHEET 2~~		
~~CONS-CS-0301~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 1~~		
~~CONS-CS-0302~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 2~~		
~~CONS-CS-0303~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 3~~		
~~CONS-CS-0304~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 4~~		
~~CONS-CS-0305~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 5~~		
~~CONS-CS-0306~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 6~~		
~~CONS-CS-0307~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 7~~		
~~CONS-CS-0308~~	~~UPPER HUNTER SHIRE COUNCIL CONTRACTOR SCOPE - STORMWATER - SHEET 8~~		

PART 3 - TRAFFIC MANAGEMENT			
DWG No	DRAWING TITLE	REV	DATE
~~CONS-TM-0101~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - KELLY - KINGDON PATH A SHEET 1~~		
~~CONS-TM-0102~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - KELLY - KINGDON PATH B SHEET 2~~		
~~CONS-TM-0103~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - KELLY - KINGDON PATH C SHEET 3~~		
~~CONS-TM-0104~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - KELLY - KINGDON PATH D SHEET 4~~		
~~CONS-TM-0105~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - KELLY - KINGDON PATH E SHEET 5~~		
~~CONS-TM-0106~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - KELLY - KINGDON PATH F SHEET 6~~		
~~CONS-TM-0121~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - WILKINSON PLUMBING SHEET 1~~		
~~CONS-TM-0122~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - WILKINSON PLUMBING SHEET 2~~		
~~CONS-TM-0131~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - TRANSCARE SHEET 1~~		
~~CONS-TM-0132~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - TRANSCARE SHEET 2~~		
~~CONS-TM-0151~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - THE COTTAGE SHEET 1~~		
~~CONS-TM-0152~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - THE COTTAGE SHEET 2~~		
~~CONS-TM-0201~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS- KELLY U-TURN SHEET 1~~		
~~CONS-TM-0211~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - KELLY PATH A SHEET 1~~		
~~CONS-TM-0212~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - KELLY PATH B SHEET 2~~		
~~CONS-TM-0213~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - KELLY PATH C SHEET 3~~		
~~CONS-TM-0214~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - KELLY PATH D SHEET 4~~		
~~CONS-TM-0215~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - KELLY PATH E SHEET 5~~		
~~CONS-TM-0216~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - KELLY PATH F SHEET 6~~		
~~CONS-TM-0217~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - KELLY PATH G SHEET 7~~		
~~CONS-TM-0251~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - ST AUBINS - SAUNDERS MAZDA SHEET 1~~		
~~CONS-TM-0301~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - SUSAN - KELLY PATH A SHEET 1~~		
~~CONS-TM-0302~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - SUSAN - KELLY PATH B SHEET 2~~		
~~CONS-TM-0303~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - SUSAN - KELLY PATH C SHEET 3~~		
~~CONS-TM-0304~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - SUSAN - KELLY PATH D SHEET 4~~		
~~CONS-TM-0401~~	~~TRAFFIC MANAGEMENT TURNING TEMPLATE - KELLY - NUTRIENT PATH A SHEET 1~~		
~~CONS-TM-0501~~	~~CONCEPT TRAFFIC DIVERSION - LIVERPOOL ST STAGE 1~~		
~~CONS-TM-0502~~	~~CONCEPT TRAFFIC DIVERSION - LIVERPOOL ST STAGE 2, PART 1~~		
~~CONS-TM-0503~~	~~CONCEPT TRAFFIC DIVERSION - LIVERPOOL ST STAGE 2, PART 2~~		

PART 4 - ROAD ALIGNMENT & DETAILS			
DWG No	DRAWING TITLE	REV	DATE
CONS-RD-0101	KELLY ST LONG SECTION BLOCK 1 - CONTROL LINE WEST 1 - SHEET 2	01	25/10/23
CONS-RD-0102	KELLY ST LONG SECTION BLOCK 2 - CONTROL LINE WEST 1 - SHEET 1	01	25/10/23
CONS-RD-0111	KELLY ST LONG SECTION BLOCK 1 - CONTROL LINE EAST 1 - SHEET 2	01	25/10/23
CONS-RD-0112	KELLY ST LONG SECTION BLOCK 2 - CONTROL LINE EAST 1- SHEET 1	01	25/10/23
CONS-RD-0501	CONTROL LINE DETAIL - TYPICAL DETAIL - SHEET 1	01	25/10/23

NOTE:

DRAWING PARTS THAT ARE ~~STRIKED~~ THROUGH ARE FOR FUTURE DRAWING SETS TO FORM PART OF THE OVERALL DETAILED DESIGN TO BE SUPPLIED FOR EACH SATGE. SUBJECT TO FINAL OVERALL QUANTITY OF DRAWINGS PER PART.

REV	DESCRIPTION	DATE	BY
05	ISSUED FOR CONSTRUCTION	25/10/2023	CA
04	ISSUED FOR CONSTRUCTION	28/07/2023	CA
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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SCONE NSW 2337
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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Email rhmce@rhmce.com.au
www.rhmce.com.au
ABN 82 153 018 800

18-130 - PART 1
GENERAL
INDEX PLAN SHEET 1

Scale
Horizontal:

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- GE-0101	05

A1 SHEET

DRAWING SCHEDULE: KELLY STREET REDEVELOPMENT

PART 5 - ROAD LONG SECTION

DWG No	DRAWING TITLE	REV	DATE
CONS-RL-0101	KELLY ST LONG SECTION - CENTRELINE SHEET 1	02	25/10/23
CONS-RL-0102	KELLY ST LONG SECTION - CENTRELINE SHEET 2	02	25/10/23
~~CONS-RL-0103~~	~~KELLY ST LONG SECTION - CENTRELINE SHEET 3~~		
~~CONS-RL-0104~~	~~KINGDON LONG SECTION - CENTRELINE SHEET 1~~		
~~CONS-RL-0105~~	~~LIVERPOOL ST LONG SECTION - CENTRELINE SHEET 1~~		
CONS-RL-0106	ST AUBINS -CENTRELINE LONG SECTION EAST - SHEET 1	02	20/06/23
CONS-RL-0111	KELLY ST LONG SECTION - LIP BLOCK 1 EAST - SHEET 1	03	25/10/23
CONS-RL-0112	KELLY ST LONG SECTION - LIP BLOCK 2 EAST - SHEET 1	02	28/07/23
CONS-RL-0121	KELLY ST LONG SECTION - LIP BLOCK 1 WEST- SHEET 1	03	28/07/23
CONS-RL-0122	KELLY ST LONG SECTION - LIP BLOCK 2 WEST- SHEET 1	03	28/07/23
CONS-RL-0131	KELLY ST LONG SECTION - LIP BLOCK 3 WEST - SHEET 1	02	28/07/23
CONS-RL-0141	ST AUBINS -EAST LONG SECTION - LIP - SHEET 1	02	20/06/23
~~CONS-RL-0401~~	~~TYPICAL ROAD SECTIONS - KELLY STREET SHEET 1~~		
~~CONS-RL-0402~~	~~TYPICAL ROAD SECTIONS - KELLY STREET SHEET 2~~		
~~CONS-RL-0403~~	~~TYPICAL ROAD SECTIONS - KELLY STREET SHEET 3~~		
CONS-RL-0501	DETAILED ROAD SECTIONS - KELLY STREET SHEET 1	02	20/06/23
~~CONS-RL-0502~~	~~DETAILED ROAD SECTIONS - KELLY STREET SHEET 2~~		
~~CONS-RL-0503~~	~~DETAILED ROAD SECTIONS - KELLY STREET SHEET 3~~		

PART 6 - ROAD CROSS SECTION

DWG No	DRAWING TITLE	REV	DATE
CONS-RC-0101	KELLY ST CROSS SECTIONS SHEET 1	03	25/10/23
CONS-RC-0102	KELLY ST CROSS SECTIONS SHEET 2	03	25/10/23
CONS-RC-0103	KELLY ST CROSS SECTIONS SHEET 3	03	25/10/23
CONS-RC-0104	KELLY ST CROSS SECTIONS SHEET 4	03	25/10/23
CONS-RC-0105	KELLY ST CROSS SECTIONS SHEET 5	03	25/10/23
CONS-RC-0106	KELLY ST CROSS SECTIONS SHEET 6	03	25/10/23
CONS-RC-0107	KELLY ST CROSS SECTIONS SHEET 7	03	25/10/23
CONS-RC-0108	KELLY ST CROSS SECTIONS SHEET 8	03	25/10/23
CONS-RC-0109	KELLY ST CROSS SECTIONS SHEET 9	02	25/10/23
CONS-RC-0110	KELLY ST CROSS SECTIONS SHEET 10	02	25/10/23
CONS-RC-0111	KELLY ST CROSS SECTIONS SHEET 11	02	25/10/23

PART 7 - STORMWATER

DWG No	DRAWING TITLE	REV	DATE
CONS-SM-0041	STORMWATER DEMOLITION PLAN - BLOCK 1 SHEET 1	01	20/06/23
CONS-SM-0042	STORMWATER DEMOLITION PLAN - BLOCK 1 SHEET 2	01	20/06/23
CONS-SM-0051	STORMWATER DEMOLITION PLAN - BLOCK 2 SHEET 1	02	05/05/23
CONS-SM-0052	STORMWATER DEMOLITION PLAN - BLOCK 2 SHEET 2	02	05/05/23
CONS-SM-0101	STORMWATER MANAGEMENT PLAN - BLOCK 1 SHEET 1	04	25/10/23
CONS-SM-0102	STORMWATER MANAGEMENT PLAN - BLOCK 1 SHEET 2	05	25/10/23
~~CONS-SM-0201~~	~~STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 1~~	04	28/07/23
CONS-SM-0202	STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 2	04	28/07/23
CONS-SM-0203	STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 3	03	20/06/23
CONS-SM-0411	STORMWATER EXISTING PIPE LONG SECTIONS SHEET 1	02	28/07/23
CONS-SM-0412	STORMWATER EXISTING PIPE LONG SECTIONS SHEET 2	01	18/04/23
CONS-SM-0413	STORMWATER EXISTING PIPE LONG SECTIONS SHEET 3	02	28/07/23
CONS-SM-0414	STORMWATER EXISTING PIPE LONG SECTIONS SHEET 4	01	18/04/23
CONS-SM-0421	STORMWATER NEW PIPE LONG SECTIONS SHEET 1	03	28/07/23
CONS-SM-0422	STORMWATER NEW PIPE LONG SECTIONS SHEET 2	02	28/07/23
CONS-SM-0423	STORMWATER NEW PIPE LONG SECTIONS SHEET 3	01	18/04/23
CONS-SM-0424	STORMWATER NEW PIPE LONG SECTIONS SHEET 4	02	28/07/23
CONS-SM-0425	STORMWATER NEW PIPE LONG SECTIONS SHEET 5	03	28/07/23
CONS-SM-0426	STORMWATER NEW PIPE LONG SECTIONS SHEET 6	03	28/07/23
CONS-SM-0427	STORMWATER NEW PIPE LONG SECTIONS SHEET 7	03	20/06/23
CONS-SM-0428	STORMWATER NEW PIPE LONG SECTIONS SHEET 8	02	05/05/23
CONS-SM-0429	STORMWATER NEW PIPE LONG SECTIONS SHEET 9	01	18/04/23
CONS-SM-0430	STORMWATER NEW PIPE LONG SECTIONS SHEET 10	02	05/05/23
CONS-SM-0431	STORMWATER NEW PIPE LONG SECTIONS SHEET 11	03	20/06/23
CONS-SM-0441	STORMWATER PIT DETAILS SHEET 1	01	18/04/23
CONS-SM-0442	STORMWATER PIT DETAILS SHEET 2	01	18/04/23
CONS-SM-0443	STORMWATER PIT DETAILS SHEET 3	01	18/04/23
CONS-SM-0444	STORMWATER PIT DETAILS SHEET 4	02	20/06/23
CONS-SM-0445	STORMWATER PIT DETAILS SHEET 5	03	20/06/23
CONS-SM-0446	STORMWATER PIT REO DETAILS SHEET 1	01	20/06/23
CONS-SM-0451	STAGE 1.0 PIT SCHEDULE SHEET 1	03	25/10/23
CONS-SM-0452	STAGE 1.0 PIT SCHEDULE SHEET 2	02	28/07/23
CONS-SM-0453	STAGE 2.0 PIT SCHEDULE SHEET 1	03	25/10/23
CONS-SM-0454	STAGE 2.0 PIT SCHEDULE SHEET 2	02	28/07/23
CONS-SM-0455	TRENCH GRATE PIT SCHEDULE SHEET 1	03	25/10/23
CONS-SM-0461	STORMWATER STANDARD DETAILS SHEET 1	02	05/05/23
CONS-SM-0462	STORMWATER STANDARD DETAILS SHEET 2	02	05/05/23
CONS-SM-0471	PIT SET-OUT COORDINATES SHEET 1	01	18/04/23
CONS-SM-0511	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 1 SHEET 1	04	25/10/23
CONS-SM-0512	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 1 SHEET 2	02	28/07/23
CONS-SM-0513	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 1 SHEET 3	03	25/10/23
CONS-SM-0514	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 1 SHEET 4	05	25/10/23
CONS-SM-0521	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 1	03	28/07/23
CONS-SM-0522	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 2	05	25/10/23
CONS-SM-0523	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 3	03	28/07/23
CONS-SM-0524	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 4	03	28/07/23
CONS-SM-0525	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 5	04	25/10/23
CONS-SM-0526	FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 2 SHEET 6	03	20/06/23
~~CONS-SM-0531~~	~~FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 3 SHEET 1~~		
~~CONS-SM-0532~~	~~FOOTPATH STORMWATER MANAGEMENT PLAN - BLOCK 3 SHEET 2~~		
~~CONS-SM-0533~~	~~FOOTPATH STORMWATER MANAGEMENT PLAN BLOCK 3 SHEET 3~~		
CONS-SM-0600	FOOTPATH STORMWATER TYPICAL DETAILS SHEET 1	02	05/05/23
CONS-SM-0601	FOOTPATH STORMWATER TYPICAL DETAILS SHEET 2	02	25/10/23

NOTE:

DRAWING PARTS THAT ARE ~~STRIKED~~ THROUGH ARE FOR FUTURE DRAWING SETS TO FORM PART OF THE OVERALL DETAILED DESIGN TO BE SUPPLIED FOR EACH SATGE. SUBJECT TO FINAL OVERALL QUANTITY OF DRAWINGS PER PART.

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05	ISSUED FOR CONSTRUCTION	25/10/2023	CA
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A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

UPPER HUNTER SHIRE COUNCIL
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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Email rhmce@rhmce.com.au
www.rhmce.com.au
ABN 82 153 018 800

18-130 - PART 1
GENERAL
INDEX PLAN SHEET 2

Scale
Horizontal:

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- GE-0102 05

A1 SHEET

DRAWING SCHEDULE: KELLY STREET REDEVELOPMENT

PART 8 - UTILITIES			
DWG No	DRAWING TITLE	REV	DATE
~~CONS-UT-0100~~	~~UTILITIES OVERALL PLAN~~	-	-
~~CONS-UT-0101~~	~~UTILITIES PLAN SHEET 1~~		
~~CONS-UT-0102~~	~~UTILITIES PLAN SHEET 2~~		
~~CONS-UT-0103~~	~~UTILITIES PLAN SHEET 3~~		
~~CONS-UT-0104~~	~~UTILITIES PLAN SHEET 4~~		
~~CONS-UT-0105~~	~~UTILITIES PLAN SHEET 5~~		
~~CONS-UT-0106~~	~~UTILITIES PLAN SHEET 6~~		
~~CONS-UT-0107~~	~~UTILITIES PLAN SHEET 7~~		
~~CONS-UT-0108~~	~~UTILITIES PLAN SHEET 8~~		
~~CONS-UT-0109~~	~~UTILITIES PLAN SHEET 9~~		
~~CONS-UT-0110~~	~~UTILITIES PLAN SHEET 10~~		
~~CONS-UT-0111~~	~~UTILITIES PLAN SHEET 11~~		
~~CONS-UT-0112~~	~~UTILITIES PLAN SHEET 12~~		
~~CONS-UT-0113~~	~~UTILITIES PLAN SHEET 13~~		
~~CONS-UT-0114~~	~~UTILITIES PLAN SHEET 14~~		
~~CONS-UT-0115~~	~~UTILITIES PLAN SHEET 15~~		
~~CONS-UT-0116~~	~~UTILITIES PLAN SHEET 16~~		
~~CONS-UT-0117~~	~~UTILITIES PLAN SHEET 17~~		
~~CONS-UT-0118~~	~~UTILITIES PLAN SHEET 18~~		
~~CONS-UT-0119~~	~~UTILITIES PLAN SHEET 19~~		
~~CONS-UT-0120~~	~~UTILITIES PLAN SHEET 20~~		
~~CONS-UT-0121~~	~~UTILITIES PLAN SHEET 21~~		
~~CONS-UT-0122~~	~~UTILITIES PLAN SHEET 22~~		
~~CONS-UT-0123~~	~~UTILITIES PLAN SHEET 23~~		
~~CONS-UT-0124~~	~~UTILITIES PLAN SHEET 24~~		
~~CONS-UT-0125~~	~~UTILITIES PLAN SHEET 25~~		
~~CONS-UT-0126~~	~~UTILITIES PLAN SHEET 26~~		
~~CONS-UT-0127~~	~~UTILITIES PLAN SHEET 27~~		
~~CONS-UT-0200~~	~~UTILITIES - PROPOSED WATER RETICULATION - OVERALL PLAN~~		
~~CONS-UT-0201~~	~~UTILITIES - PROPOSED WATER RETICULATION - SHEET 1~~		
~~CONS-UT-0202~~	~~UTILITIES - PROPOSED WATER RETICULATION - SHEET 2~~		
~~CONS-UT-0203~~	~~UTILITIES - PROPOSED WATER RETICULATION - SHEET 3~~		
~~CONS-UT-0204~~	~~UTILITIES - PROPOSED WATER RETICULATION - SHEET 4~~		
~~CONS-UT-0205~~	~~UTILITIES - PROPOSED WATER RETICULATION - SHEET 5~~		
~~CONS-UT-0206~~	~~UTILITIES - PROPOSED WATER RETICULATION - SHEET 6~~		
~~CONS-UT-0207~~	~~SPARE~~		
~~CONS-UT-0300~~	~~UTILITIES - SURVEY MARKS - OVERALL PLAN~~		
~~CONS-UT-0301~~	~~UTILITIES - SURVEY MARKS - SHEET 1~~		
~~CONS-UT-0302~~	~~UTILITIES - SURVEY MARKS - SHEET 2~~		
~~CONS-UT-0303~~	~~UTILITIES - SURVEY MARKS - SHEET 3~~		
~~CONS-UT-0304~~	~~UTILITIES - SURVEY MARKS - SHEET 4~~		
~~CONS-UT-0305~~	~~UTILITIES - SURVEY MARKS - SHEET 5~~		
~~CONS-UT-0306~~	~~UTILITIES - SURVEY MARKS - SHEET 6~~		

PART 9 - PAVEMENT & KERB DETAILS			
DWG No	DRAWING TITLE	REV	DATE
CONS-PV-0100	PAVEMENT PLAN OVERALL PLAN	02	25/10/23
CONS-PV-0101	PAVEMENT PLAN - BLOCK 1 - SHEET 1	01	25/10/23
CONS-PV-0102	PAVEMENT PLAN - BLOCK 1 - SHEET 2	01	25/10/23
CONS-PV-0103	PAVEMENT PLAN - BLOCK 1 - SHEET 3	01	25/10/23
CONS-PV-0104	PAVEMENT PLAN - BLOCK 1 - SHEET 4	01	25/10/23
CONS-PV-0105	PAVEMENT PLAN - BLOCK 1 - SHEET 5	03	25/10/23
CONS-PV-0106	PAVEMENT PLAN - BLOCK 1 - SHEET 6	03	25/10/23
CONS-PV-0107	PAVEMENT PLAN - BLOCK 1 - SHEET 7	03	25/10/23
CONS-PV-0201	PAVEMENT PLAN - BLOCK 2 - SHEET 1	03	25/10/23
CONS-PV-0202	PAVEMENT PLAN - BLOCK 2 - SHEET 2	03	25/10/23
CONS-PV-0203	PAVEMENT PLAN - BLOCK 2 - SHEET 3	03	25/10/23
CONS-PV-0204	PAVEMENT PLAN - BLOCK 2 - SHEET 4	03	25/10/23
CONS-PV-0205	PAVEMENT PLAN - BLOCK 2 - SHEET 5	03	25/10/23
CONS-PV-0206	PAVEMENT PLAN - BLOCK 2 - SHEET 6	03	25/10/23
CONS-PV-0207	PAVEMENT PLAN - BLOCK 2 - SHEET 7	03	25/10/23
CONS-PV-0351	PAVEMENT - WOMBAT CROSSING - SOUTH - SHEET 1	01	25/10/23
CONS-PV-0361	PAVEMENT - WOMBAT CROSSING - SECTIONS & DETAILS SHEET 1	01	25/10/23
CONS-PV-0401	PAVEMENT SECTIONS & DETAILS - SHEET 1	02	25/10/23
CONS-PV-0402	PAVEMENT SECTIONS & DETAILS - SHEET 2	03	25/10/23
CONS-PV-0403	PAVEMENT SECTIONS & DETAILS - SHEET 3	03	25/10/23
CONS-PV-0404	PAVEMENT SECTIONS & DETAILS - SHEET 4	02	25/10/23
CONS-PV-0411	PAVEMENT KERB DOWEL DETAILS - SHEET 1	02	25/10/23

NOTE:

DRAWING PARTS THAT ARE ~~STRIKED~~ THROUGH ARE FOR FUTURE DRAWING SETS TO FORM PART OF THE OVERALL DETAILED DESIGN TO BE SUPPLIED FOR EACH SATGE. SUBJECT TO FINAL OVERALL QUANTITY OF DRAWINGS PER PART.

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	05/05/2023	CA				

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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 - PART 1
GENERAL
INDEX PLAN SHEET 3

Scale
Horizontal:

CIVIL DRAWING

Designed BH
Drawn CA
Datum NIL
Date OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: Rev
CONS- GE-0103 03

A1 SHEET

DRAWING SCHEDULE: KELLY STREET REDEVELOPMENT

PART 10 - ROADSIDE FURNITURE/ CENTRELINE MEDIAN SIGNPOST & MARKING

DWG No	DRAWING TITLE		
CONS-RF-0100	MEDIAN OVERALL PLAN	02	25/10/23
CONS-RF-0101	MEDIAN PLAN - MEDIAN 2 - SHEET 1	02	25/10/23
CONS-RF-0102	MEDIAN PLAN - MEDIAN 3 - SHEET 1	02	25/10/23
CONS-RF-0103	MEDIAN PLAN - MEDIAN 4 - SHEET 1 OF 3	02	25/10/23
CONS-RF-0104	MEDIAN PLAN - MEDIAN 4 - SHEET 2 OF 3	02	25/10/23
CONS-RF-0105	MEDIAN PLAN - MEDIAN 4 - SHEET 3 OF 3	02	25/10/23
CONS-RF-0106	MEDIAN PLAN - MEDIAN 5 - SHEET 1 OF 2	02	25/10/23
CONS-RF-0107	MEDIAN PLAN - MEDIAN 5 - SHEET 2 OF 2	02	25/10/23
CONS-RF-0108	MEDIAN PLAN - MEDIAN 6 - SHEET 1 OF 4	02	25/10/23
CONS-RF-0109	MEDIAN PLAN - MEDIAN 6 - SHEET 2 OF 4	02	25/10/23
CONS-RF-0110	MEDIAN PLAN - MEDIAN 6 - SHEET 3 OF 4	02	25/10/23
CONS-RF-0111	MEDIAN PLAN - MEDIAN 6 - SHEET 4 OF 4	02	25/10/23
CONS-RF-0112	MEDIAN PLAN - MEDIAN 7 - SHEET 1 OF 2	02	25/10/23
CONS-RF-0113	MEDIAN PLAN - MEDIAN 7 - SHEET 2 OF 2	02	25/10/23
CONS-RF-0151	MEDIAN CROSS SECTIONS SHEET 1	02	25/10/23
CONS-RF-0152	MEDIAN CROSS SECTIONS SHEET 2	02	25/10/23
CONS-RF-0153	MEDIAN CROSS SECTIONS SHEET 3	02	25/10/23
CONS-RF-0154	MEDIAN CROSS SECTIONS SHEET 4	02	25/10/23
CONS-RF-0155	MEDIAN CROSS SECTIONS SHEET 5	02	25/10/23
CONS-RF-0156	MEDIAN CROSS SECTIONS SHEET 6	02	25/10/23
CONS-RF-0157	SPARE	-	-
CONS-RF-0158	SPARE	-	-
CONS-RF-0159	SPARE	-	-
CONS-RF-0160	SPARE	-	-
CONS-RF-0161	SPARE	-	-
CONS-RF-0162	SPARE	-	-
CONS-RF-0163	SPARE	-	-
CONS-RF-0200	MEDIAN STORMWATER OVERALL PLAN	02	25/10/23
~~CONS-RF-0201~~	~~MEDIAN STORMWATER PLAN - BLOCK 1 - SHEET 1~~	~~01~~	~~28/07/23~~
CONS-RF-0202	MEDIAN STORMWATER PLAN - BLOCK 1 - SHEET 2	01	28/07/23
CONS-RF-0203	MEDIAN STORMWATER PLAN - BLOCK 1 - SHEET 3	01	28/07/23
CONS-RF-0204	MEDIAN STORMWATER PLAN - BLOCK 1 - SHEET 4	02	25/10/23
CONS-RF-0205	MEDIAN STORMWATER PLAN - BLOCK 2 - SHEET 1	02	25/10/23
CONS-RF-0206	MEDIAN STORMWATER PLAN - BLOCK 2 - SHEET 2	02	25/10/23
CONS-RF-0207	MEDIAN STORMWATER PLAN - BLOCK 2 - SHEET 3	01	28/07/23
CONS-RF-0208	MEDIAN STORMWATER PLAN - BLOCK 2 - SHEET 4	02	25/10/23
CONS-RF-0251	MEDIAN STORMWATER PLAN - LONG SECTIONS - SHEET 1	01	28/07/23
CONS-RF-0252	MEDIAN STORMWATER PLAN - LONG SECTIONS - SHEET 2	01	28/07/23
CONS-RF-0253	MEDIAN STORMWATER PLAN - LONG SECTIONS - SHEET 3	01	28/07/23
CONS-RF-0254	MEDIAN STORMWATER PLAN - LONG SECTIONS - SHEET 4	01	28/07/23
CONS-RF-0300	MEDIAN SLAB PLAN OVERALL	02	25/10/23
CONS-RF-0301	MEDIAN SLAB PLAN - BLOCK 1 - SHEET 1	02	25/10/23
CONS-RF-0302	MEDIAN SLAB PLAN - BLOCK 1 - SHEET 2	02	25/10/23
CONS-RF-0303	MEDIAN SLAB PLAN - BLOCK 1 - SHEET 3	02	25/10/23
CONS-RF-0304	MEDIAN SLAB PLAN - BLOCK 1 - SHEET 4	02	25/10/23
CONS-RF-0305	MEDIAN SLAB PLAN - BLOCK 2 - SHEET 1	02	25/10/23
CONS-RF-0306	MEDIAN SLAB PLAN - BLOCK 2 - SHEET 2	02	25/10/23
CONS-RF-0307	MEDIAN SLAB PLAN - BLOCK 2 - SHEET 3	02	25/10/23
CONS-RF-0308	MEDIAN SLAB PLAN - BLOCK 2 - SHEET 4	02	25/10/23
CONS-RF-0351	MEDIAN SLAB PLAN - SECTIONS & DETAILS - SHEET 1	02	25/10/23
CONS-RF-0352	MEDIAN SLAB PLAN - SECTIONS & DETAILS - SHEET 2	02	25/10/23
CONS-RF-0353	MEDIAN SLAB PLAN - SECTIONS & DETAILS - SHEET 3	03	25/10/23

PART 10 - ROADSIDE FURNITURE/ CENTRELINE MEDIAN SIGNPOST & MARKING

DWG No	DRAWING TITLE		
~~CONS-RF-0500~~	~~LINE MARKING AND SIGNAGE OVERALL PLAN~~		
~~CONS-RF-0501~~	~~LINE MARKING AND SIGNAGE PLAN SHEET 1~~		
~~CONS-RF-0502~~	~~LINE MARKING AND SIGNAGE PLAN SHEET 2~~		
~~CONS-RF-0503~~	~~LINE MARKING AND SIGNAGE PLAN SHEET 3~~		
~~CONS-RF-0504~~	~~LINE MARKING AND SIGNAGE PLAN SHEET 4~~		
~~CONS-RF-0505~~	~~LINE MARKING AND SIGNAGE PLAN SHEET 5~~		
~~CONS-RF-0506~~	~~LINE MARKING AND SIGNAGE PLAN SHEET 6~~		
~~CONS-RF-0507~~	~~LINE MARKING AND SIGNAGE PLAN SHEET 7~~		

PART 11 -TRAFFIC CONTROL SIGNALS

DWG No	DRAWING TITLE	REV	DATE
~~CONS-TL-0101~~	~~TRAFFIC SIGNALS - EXISTING LAYOUT~~		

NOTE:

DRAWING PARTS THAT ARE ~~STRIKED~~ THROUGH ARE FOR FUTURE DRAWING SETS TO FORM PART OF THE OVERALL DETAILED DESIGN TO BE SUPPLIED FOR EACH SATGE. SUBJECT TO FINAL OVERALL QUANTITY OF DRAWINGS PER PART.

REV	DESCRIPTION	DATE	BY
05	ISSUED FOR CONSTRUCTION	25/10/2023	CA
04	ISSUED FOR CONSTRUCTION	28/07/2023	CA
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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18-130 - PART 1
GENERAL
INDEX PLAN SHEET 4

Scale
Horizontal:

CIVIL DRAWING

Designed BH	Approved on behalf of RHM Consulting Engineers
Drawn CA	Project Engineer/Director Date
Datum NIL	Drawing No: Rev
Date OCT 23	CONS- GE-0104 05

A1 SHEET

DRAWING SCHEDULE: KELLY STREET REDEVELOPMENT

PART 12 - FOOTPATH & STREETSCAPING			
DWG No	DRAWING TITLE	REV	DATE
CONS-FT-0100	FOOTPATH OVERALL PLAN	03	25/10/23
CONS-FT-0101	FOOTPATH PLAN - BLOCK 1- SHEET 1	04	25/10/23
CONS-FT-0102	FOOTPATH PLAN - BLOCK 1 - SHEET 2	04	25/10/23
CONS-FT-0103	FOOTPATH PLAN - BLOCK 1 - SHEET 3	04	25/10/23
CONS-FT-0104	FOOTPATH PLAN - BLOCK 1 - SHEET 4	04	25/10/23
CONS-FT-0201	FOOTPATH PLAN - BLOCK 2 - SHEET 1	04	25/10/23
CONS-FT-0202	FOOTPATH PLAN - BLOCK 2- SHEET 2	04	25/10/23
CONS-FT-0203	FOOTPATH PLAN - BLOCK 2 - SHEET 3	04	25/10/23
CONS-FT-0204	FOOTPATH PLAN - BLOCK 2- SHEET 4	04	25/10/23
CONS-FT-0205	FOOTPATH PLAN - BLOCK 2 - SHEET 5	04	25/10/23
CONS-FT-0206	FOOTPATH PLAN - BLOCK 2- SHEET 6	04	25/10/23
CONS-FT-0207	FOOTPATH PLAN - BLOCK 2 - SHEET 7	04	25/10/23
CONS-FT-0208	FOOTPATH PLAN - BLOCK 2 - SHEET 8	04	25/10/23
CONS-FT-0209	FOOTPATH PLAN - BLOCK 2 - SHEET 9	04	25/10/23
CONS-FT-0301	FOOTPATH PLAN - BLOCK 3 - SHEET 1	04	25/10/23
CONS-FT-0351	FOOTPATH PLAN - SPARE	-	-
CONS-FT-0361	FOOTPATH - SECTIONS AND DETAILS SHEET 1	02	25/10/23
CONS-FT-0362	FOOTPATH - SECTIONS AND DETAILS SHEET 2	04	25/10/23
CONS-FT-0363	FOOTPATH - SECTIONS AND DETAILS SHEET 3	02	25/10/23
CONS-FT-0364	FOOTPATH - SECTIONS AND DETAILS SHEET 4	03	25/10/23
CONS-FT-0365	FOOTPATH - SECTIONS AND DETAILS SHEET 5	01	25/10/23
CONS-FT-0371	FOOTPATH - WEST WALL SECTIONS & DETAILS SHEET 1	01	25/10/23
CONS-FT-0372	FOOTPATH - WEST WALL SECTIONS & DETAILS SHEET 2	02	25/10/23
CONS-FT-0373	FOOTPATH - WEST WALL SECTIONS & DETAILS SHEET 3	02	25/10/23
CONS-FT-0381	FOOTPATH - EAST WALL SECTIONS & DETAILS SHEET 1	02	25/10/23
CONS-FT-0401	FOOTPATH - ST AUBINS -TRELLIS FOOTING PLAN - SHEET 1	04	25/10/23
CONS-FT-0402	FOOTPATH - ST AUBINS - TRELLIS FOOTING DETAILS SHEET 2	04	28/07/23
CONS-FT-0403	FOOTPATH - ST AUBINS - STEEL FRAME PLAN AND DETAILS - SHEET 1	04	25/10/23
CONS-FT-0404	FOOTPATH - ST AUBINS - CONCRETE PLINTH PLAN AND DETAILS - SHEET 1	01	18/04/23
CONS-FT-0410	FOOTPATH - ST AUBINS - TRELLIS FOOTING HEIGHTS - SHEET 1	02	25/10/23
CONS-FT-0501	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 1 WEST - SHEET 1	01	18/04/23
CONS-FT-0502	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 1 WEST - SHEET 2	01	18/04/23
CONS-FT-0511	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 2 WEST - SHEET 1	02	25/10/23
CONS-FT-0512	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 2 WEST - SHEET 2	02	25/10/23
CONS-FT-0513	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 2 WEST - SHEET 3	02	25/10/23
CONS-FT-0521	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 3 WEST - SHEET 1	01	18/04/23
CONS-FT-0531	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 1 EAST - SHEET 1	01	18/04/23
CONS-FT-0532	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 1 EAST - SHEET 2	01	18/04/23
CONS-FT-0541	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 2 EAST - SHEET 1	01	18/04/23
CONS-FT-0542	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 2 EAST - SHEET 2	01	18/04/23
CONS-FT-0543	FOOTPATH CONTROL LINE LONG SECTION - BLOCK 2 EAST - SHEET 3	01	18/04/23

NOTE:

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02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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18-130 - PART 1
GENERAL
INDEX PLAN SHEET 4

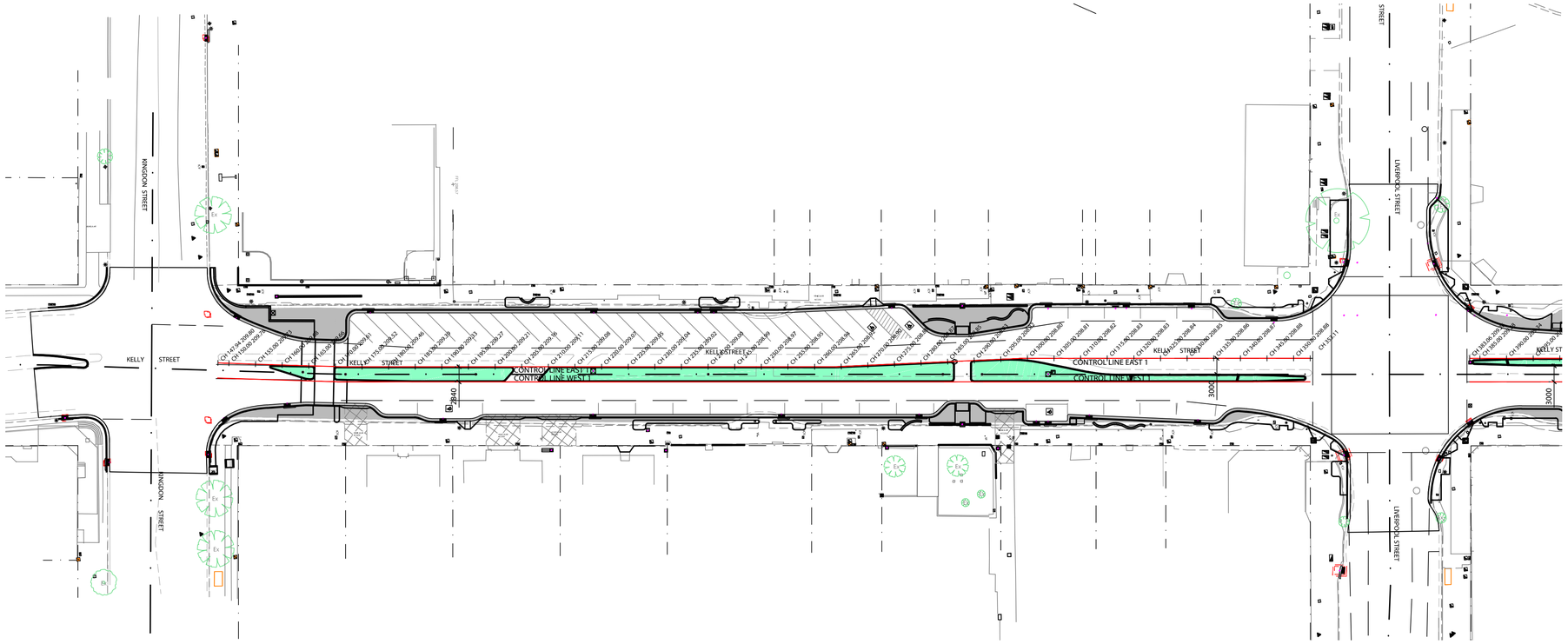
Scale
Horizontal:

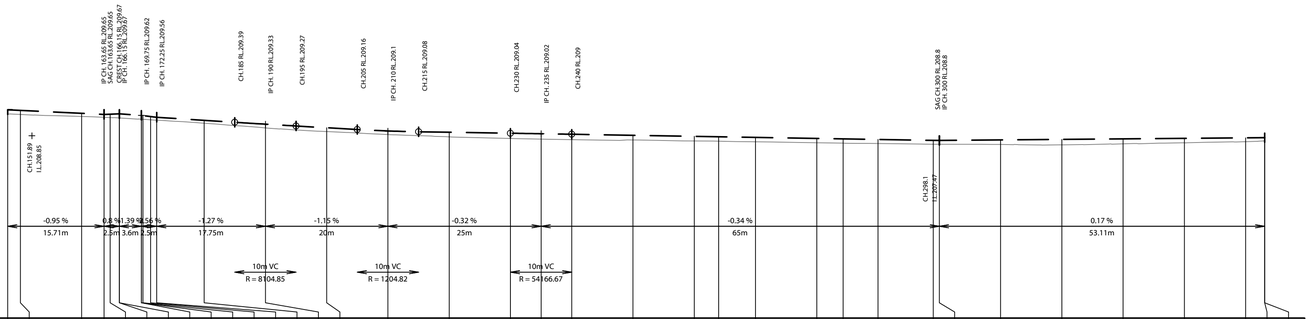
CIVIL DRAWING

Designed BH	Approved on behalf of RHM Consulting Engineers
Drawn CA	Project Engineer/Director Date
Datum NIL	Drawing No: CONS- GE-0105 Rev 02
Date OCT 23	

A1 SHEET

REFER TO RD-0501
FOR LOCATION OF
CONTROL LINE





Vertical Geometry Grade (%)
Vertical Grade Length

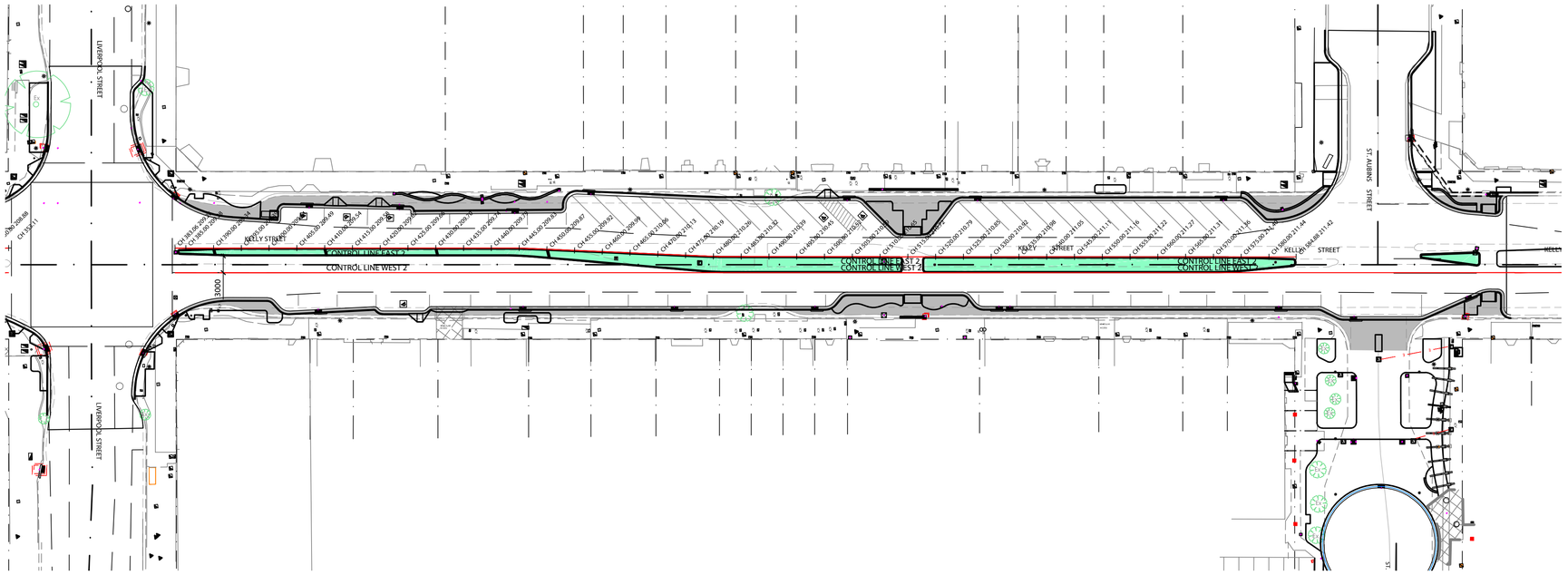
Vertical Curve Length (m)
Vertical Curve Radius (m)

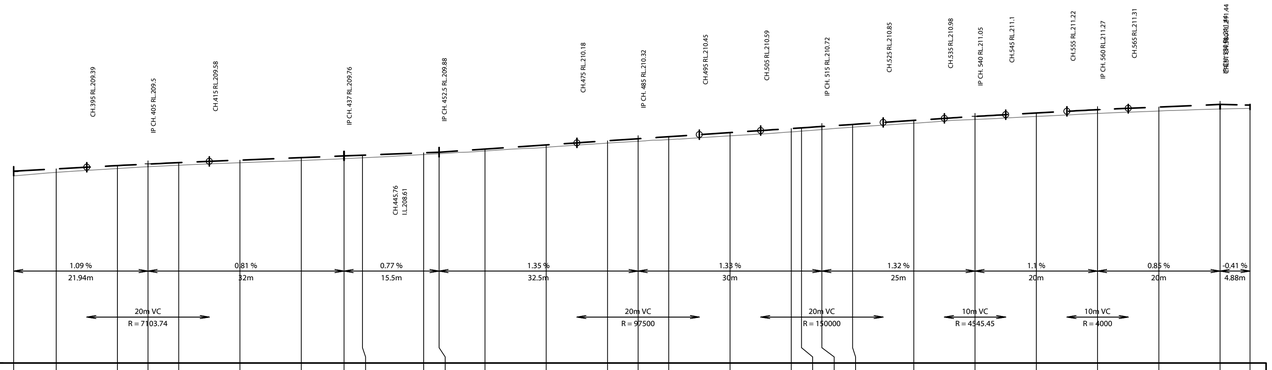
DATUM R.L.203.00

| | | |

A1 SHEET

REFER TO RD-0501
FOR LOCATION OF
CONTROL LINE





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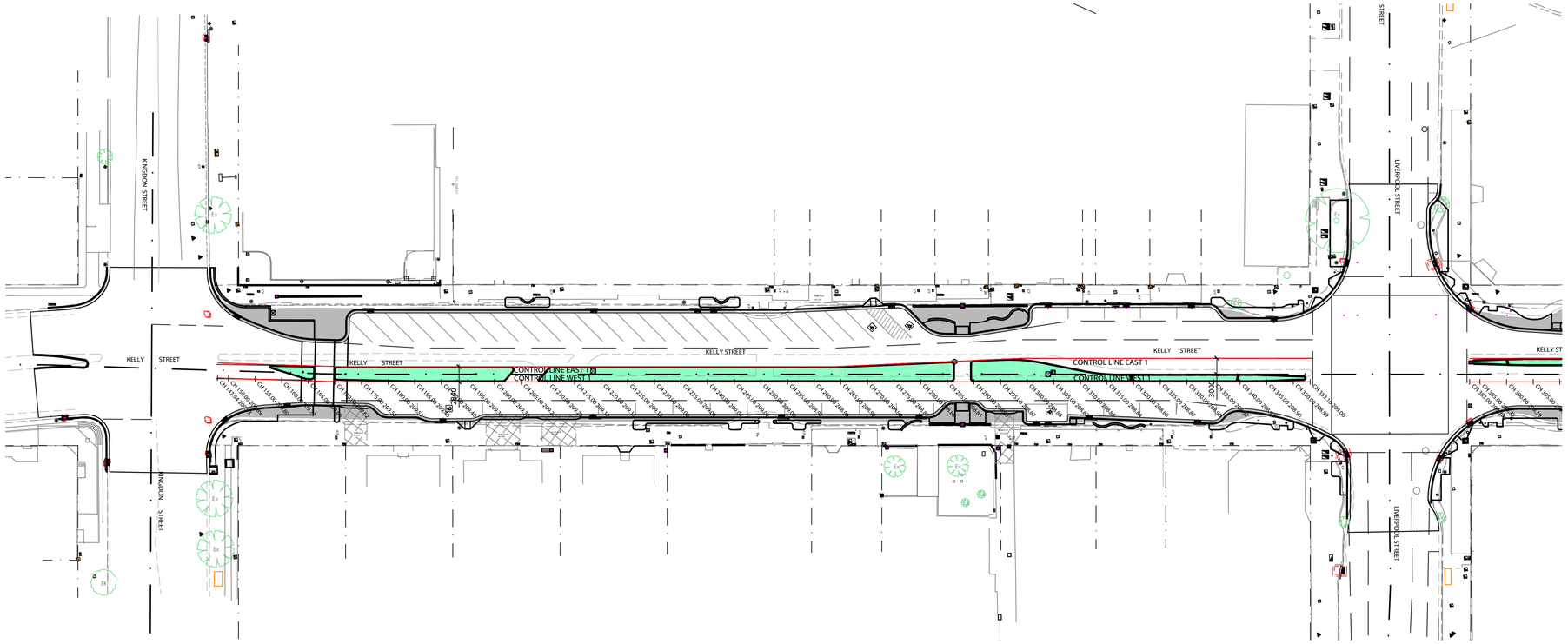
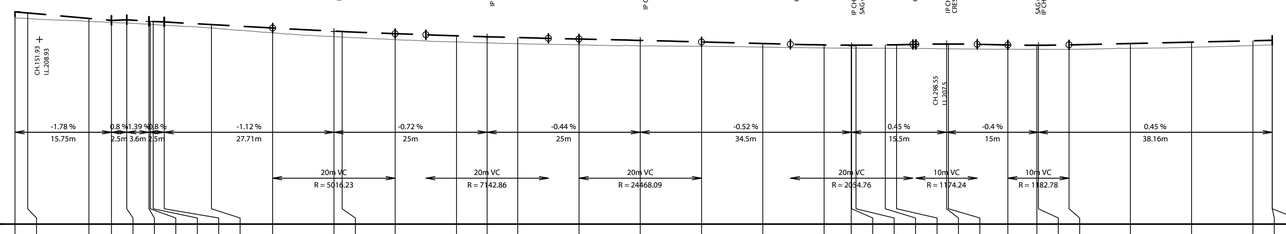
REFER TO RD-0501
FOR LOCATION OF
CONTROL LINE





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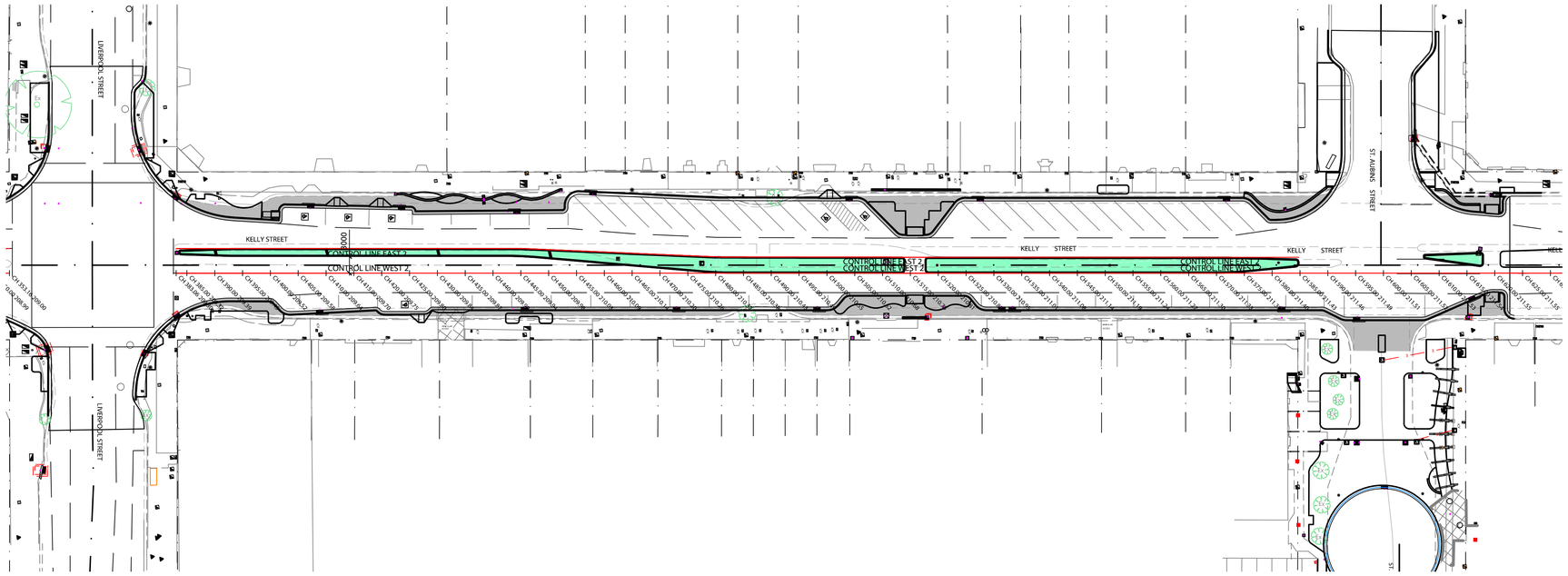
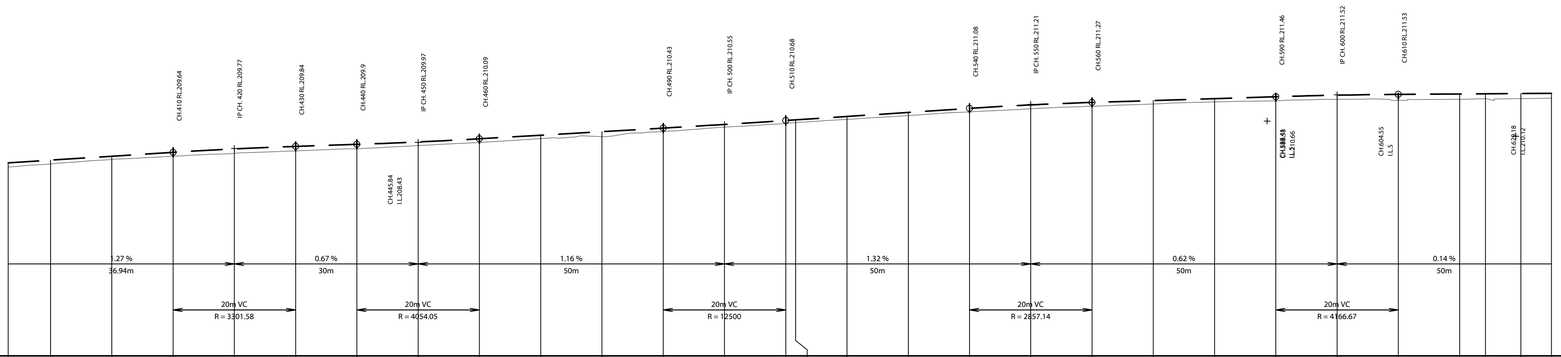


REFER TO RD-0501
FOR LOCATION OF
CONTROL LINE



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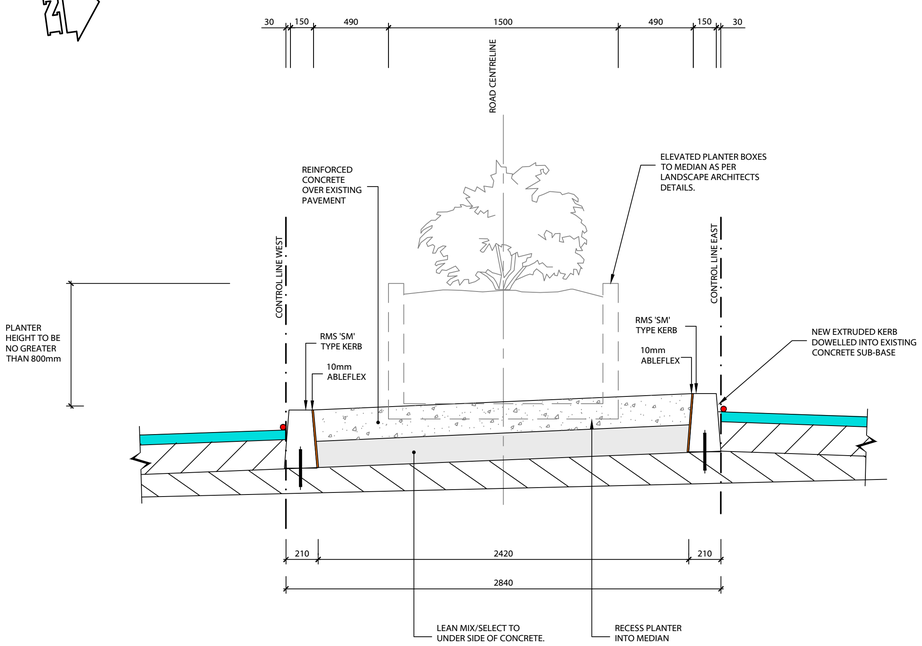
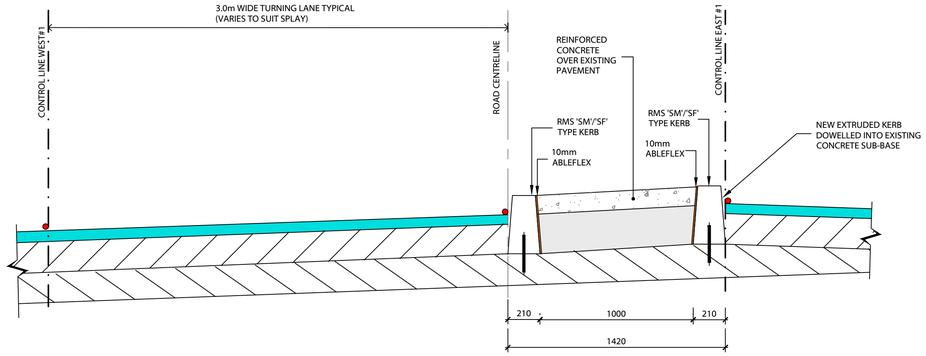


TYPICAL ROAD CROSS SECTION 2.84m MEDIAN - VEGETATION

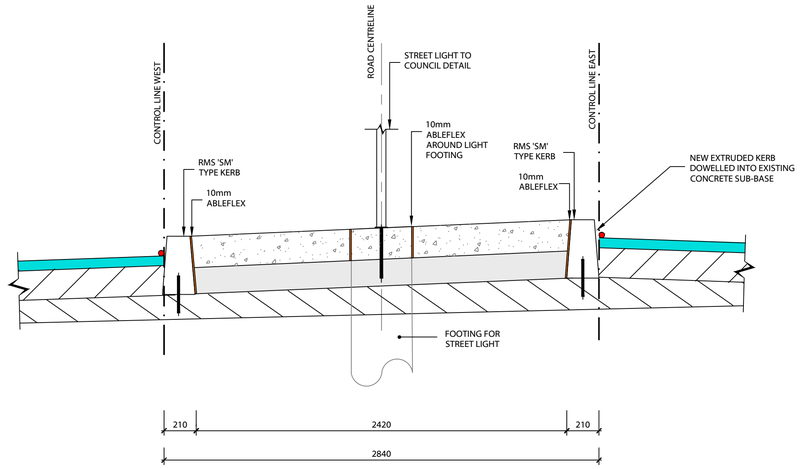
SCALE 1:20 (A1)

NOTE: PLANTER BOX BASED ON AN EYE HEIGHT OF PEDESTRIAN AT 1010mm



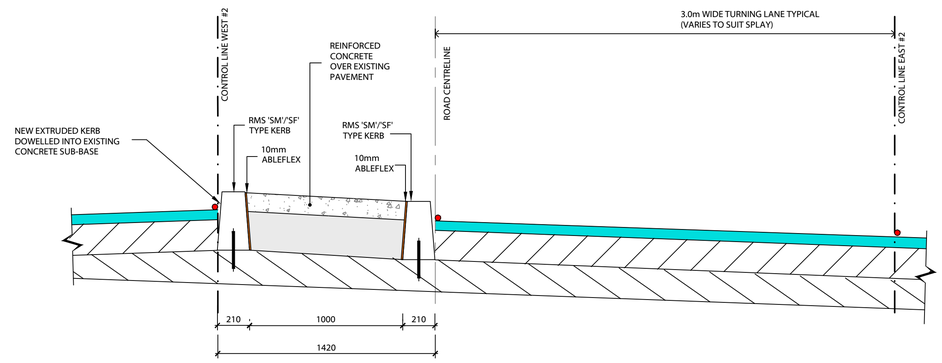
TYPICAL ROAD CROSS SECTION 1.42m MEDIAN - CH180 TO CH360

SCALE 1:20 (A1)
NOTE:
1. SF KERB NOT SHOWN FOR CLARITY. REFER TO MEDIAN PART 10 DRAWINGS FOR SF TRANSITION LOCATIONS



TYPICAL ROAD CROSS SECTION 2.84m MEDIAN - VEGETATION

SCALE 1:20 (A1)



TYPICAL ROAD CROSS SECTION 1.42m MEDIAN - CH375 TO CH480

SCALE 1:20 (A1)
NOTE:
1. SF KERB NOT SHOWN FOR CLARITY. REFER TO MEDIAN PART 10 DRAWINGS FOR SF TRANSITION LOCATIONS

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	25/10/2023	CA				

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ABN 82 153 018 800

18-130 - PART 4
CONTROL LINE DETAIL
TYPICAL SECTION
SHEET 1

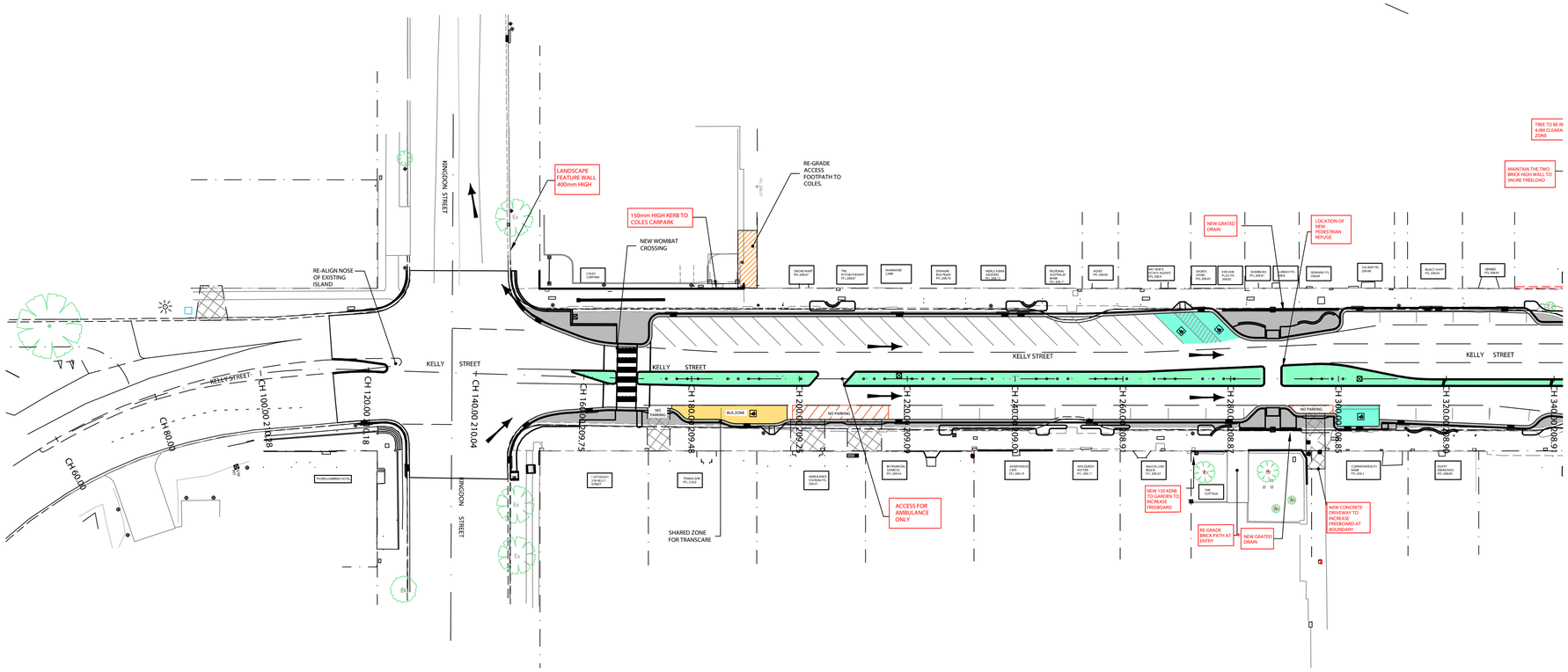
Scale
Horizontal: 0 200 400 600 800 1000
SCALE 1:20 (A1)
Vertical:

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

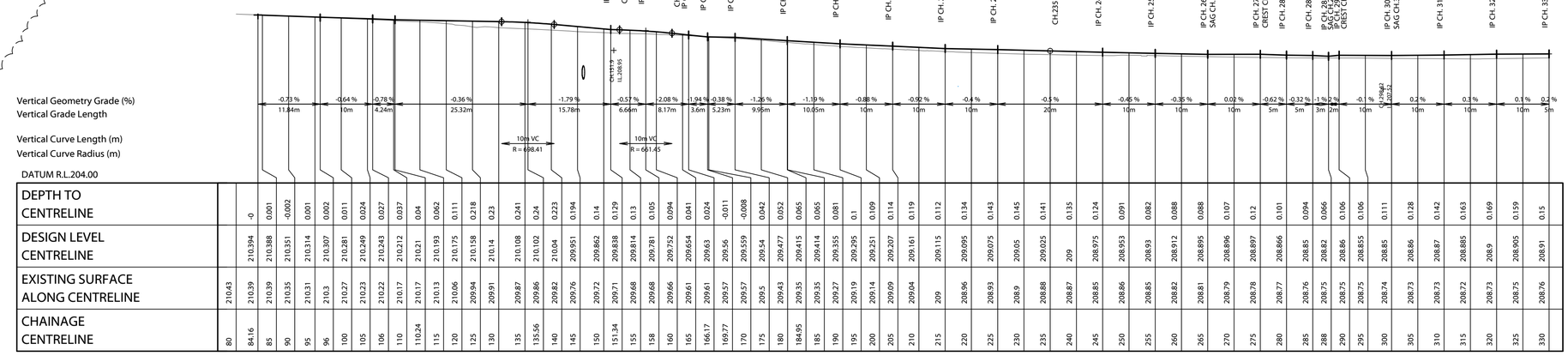
Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- RD -0501 01

A1 SHEET



LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
- DENOTES NO PARKING
- DENOTES DRIVEWAYS TO PROPERTIES
- DENOTES TIE IN TO EXTENT OF WORKS
- DENOTES REMOVAL OR REMEDIAL WORKS TO PATHWAYS/DRIVEWAYS
- DENOTES EXTENT OF INCREASED FOOTPATH EX LIP TO NEW LIP
- DENOTES NEW MEDIAN EXTENT



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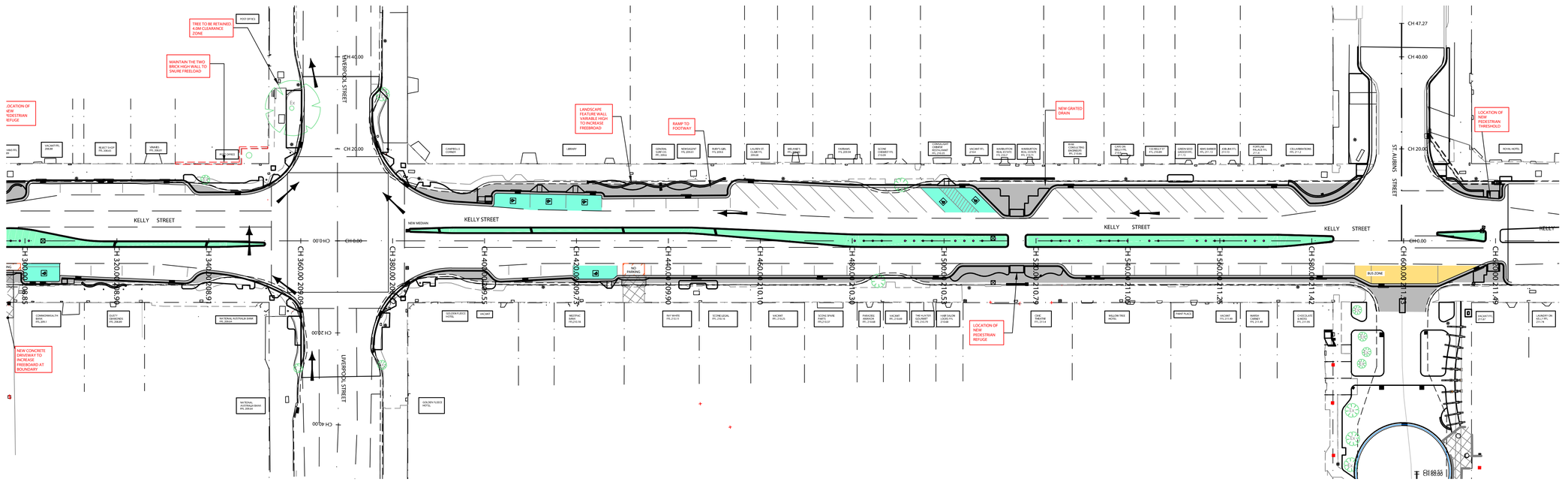
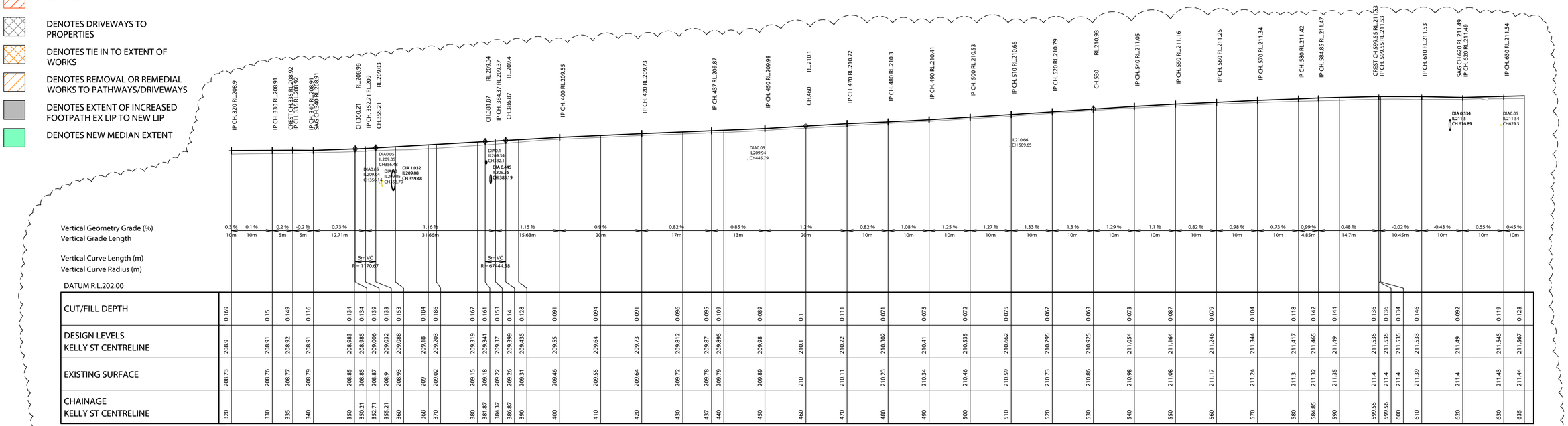
A1 SHEET



LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
- DENOTES NO PARKING
- DENOTES DRIVEWAYS TO PROPERTIES
- DENOTES TIE IN TO EXTENT OF WORKS
- DENOTES REMOVAL OR REMEDIAL WORKS TO PATHWAYS/DRIVEWAYS
- DENOTES EXTENT OF INCREASED FOOTPATH EX LIP TO NEW LIP
- DENOTES NEW MEDIAN EXTENT



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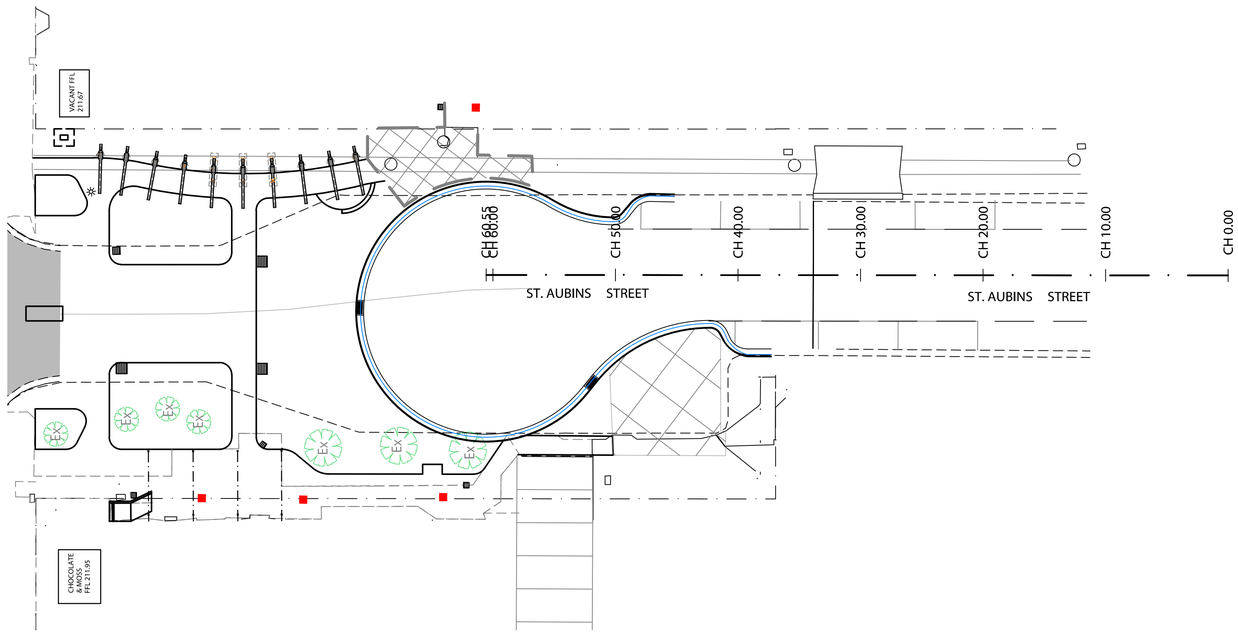
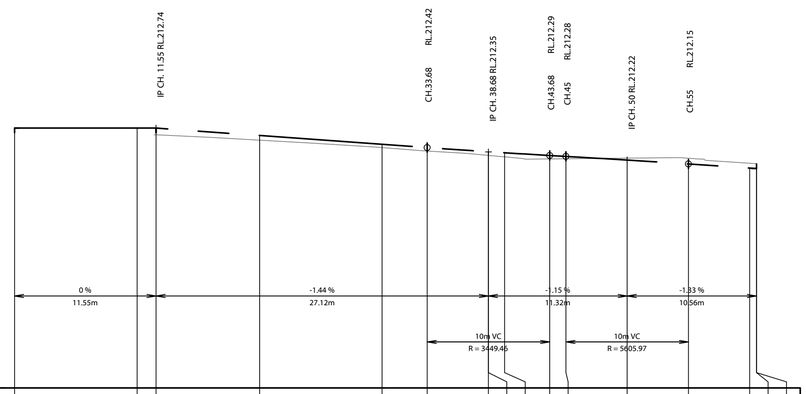
A1 SHEET



LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
- DENOTES NO PARKING
- DENOTES DRIVEWAYS TO PROPERTIES
- DENOTES TIE IN TO EXTENT OF WORKS
- DENOTES REMOVAL OR REMEDIAL WORKS TO PATHWAYS/DRIVEWAYS
- DENOTES EXTENT OF INCREASED FOOTPATH EX LIP TO NEW LIP
- DENOTES NEW MEDIAN EXTENT



CUT/FILL DEPTH			0.11	0.076	0.054	0.058	0.06	0.06	0.067	0.057	0.039	-0.03	-0.094	-0.079	-0.079		
DESIGN LEVELS ST AUBINS ST EAST CENTRELINE	212.74	212.74	212.74	212.619	212.475	212.422	212.354	212.354	212.337	212.293	212.277	212.218	212.154	212.087	212.08	212.08	
EXISTING SURFACE			212.63	212.54	212.42	212.36	212.29	212.29	212.27	212.24	212.24	212.25	212.25	212.17	212.16		
CHAINAGE ST AUBINS ST EAST CENTRELINE	0	10	11.55	20	30	33.68	38.68	38.68	40	43.68	45	50	55	60	60.55	60.55	

LONGSECTION St Aubins East Centreline

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:50

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

UPPER HUNTER SHIRE COUNCIL
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SCONE NSW 2337

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ABN 82 153 018 800

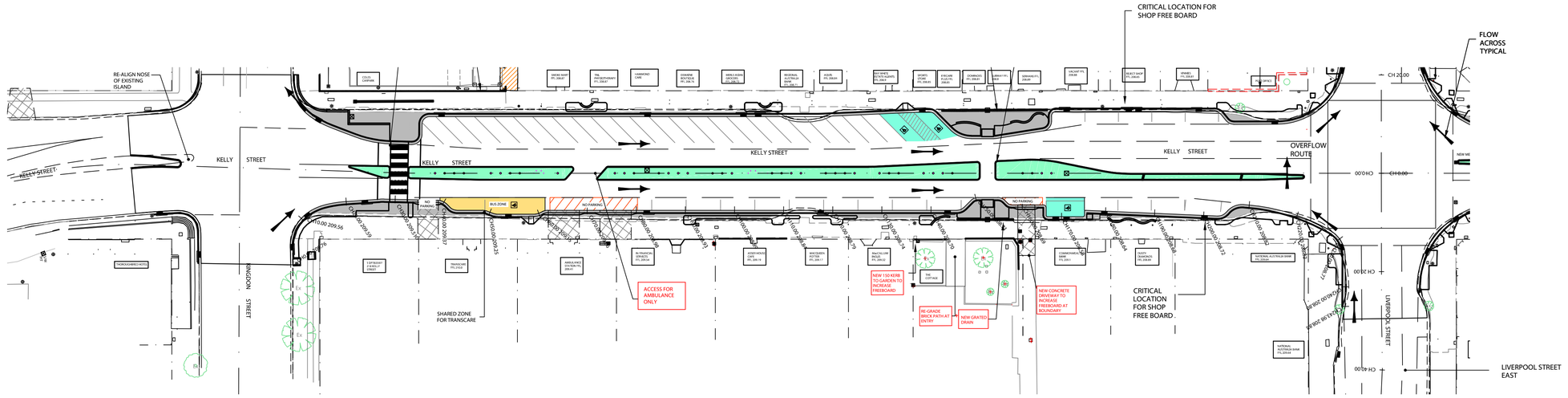
18-130 - PART 5
LONG SECTION - CENTRE LINE - ST AUBINS ST
SHEET 1

Scale
Horizontal: 0 5 10 15 20 25
SCALE 1:500 (A1)
Vertical: 0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

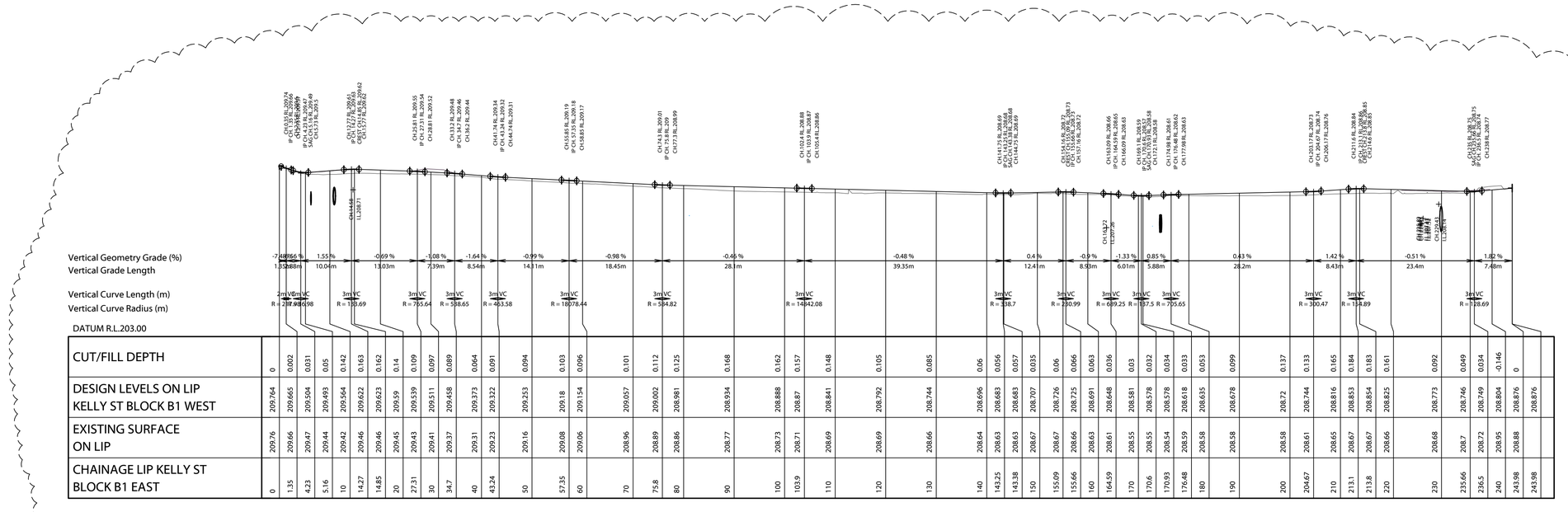
Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	JUNE 23	CONS- RL-0106 02

A1 SHEET



LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
- DENOTES NO PARKING
- DENOTES DRIVEWAYS TO PROPERTIES
- DENOTES TIE IN TO EXTENT OF WORKS
- DENOTES REMOVAL OR REMEDIAL WORKS TO PATHWAYS/DRIVEWAYS
- DENOTES EXTENT OF INCREASED FOOTPATH EX LIP TO NEW LIP
- DENOTES NEW MEDIAN EXTENT



| | | |

A1 SHEET

LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
- DENOTES NO PARKING
- DENOTES DRIVEWAYS TO PROPERTIES
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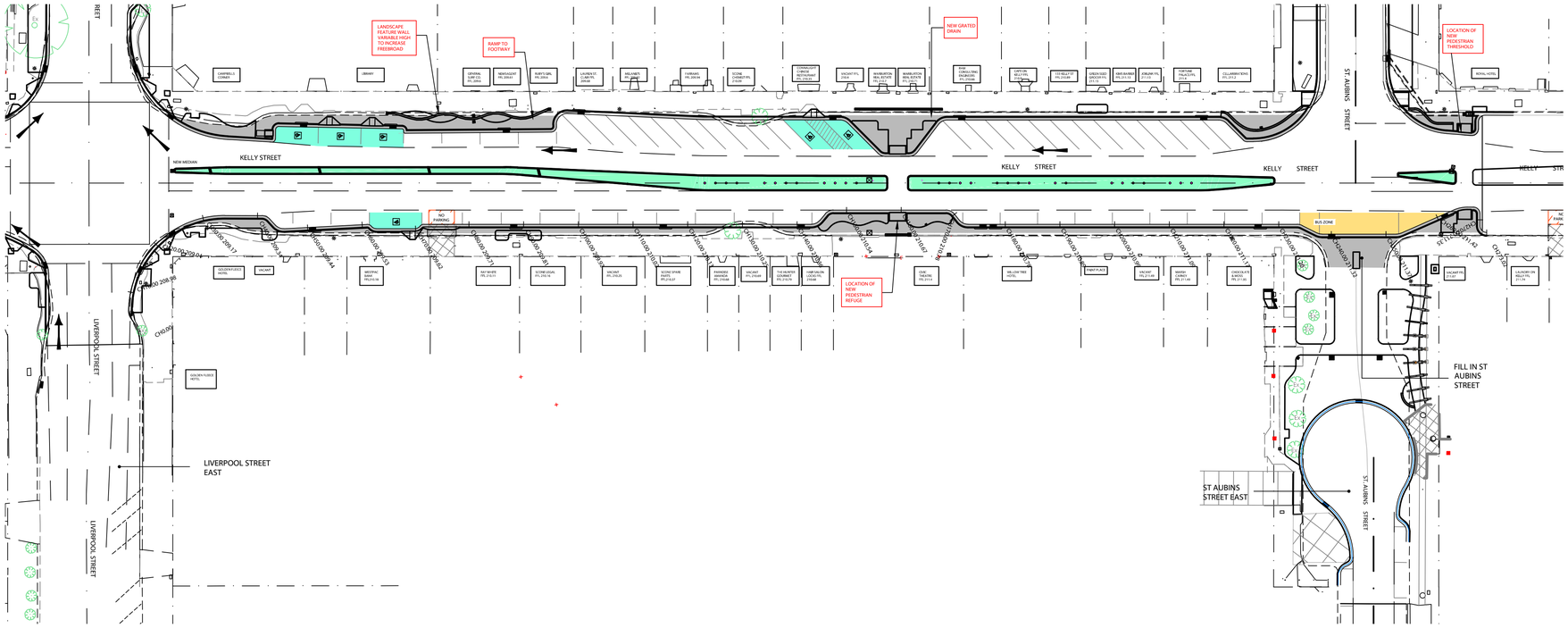

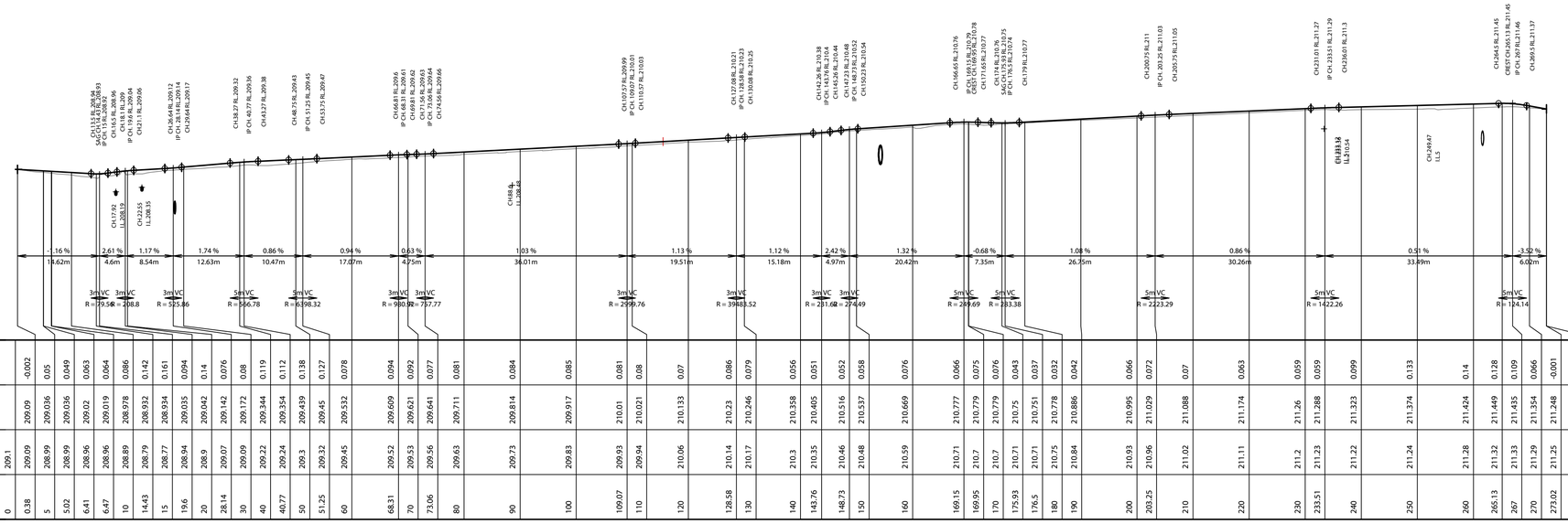

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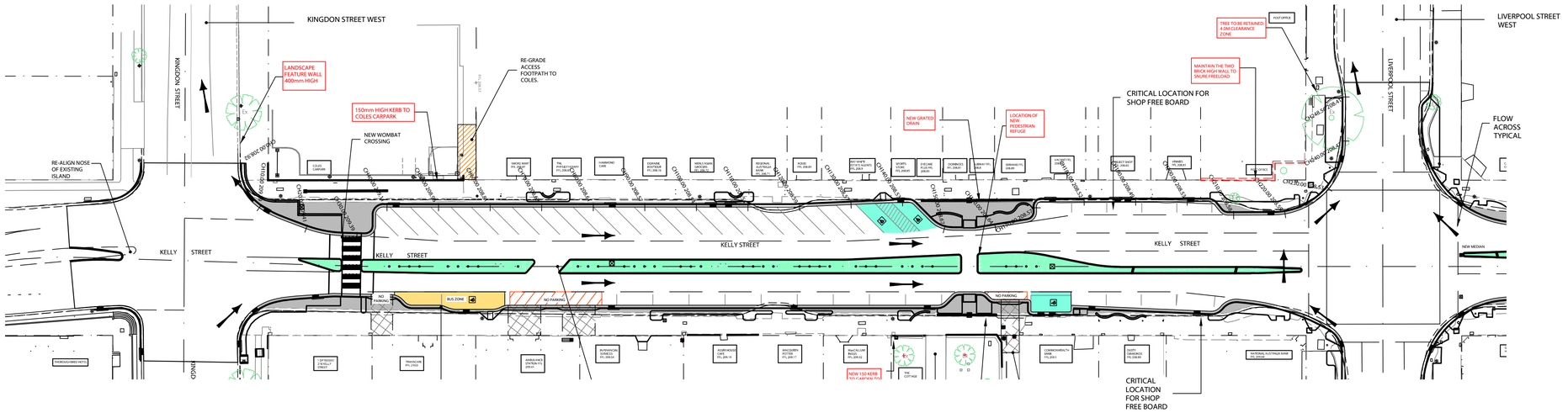
A1 SHEET



LEGEND

- DENOTES BUS STOP
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- DENOTES NO PARKING
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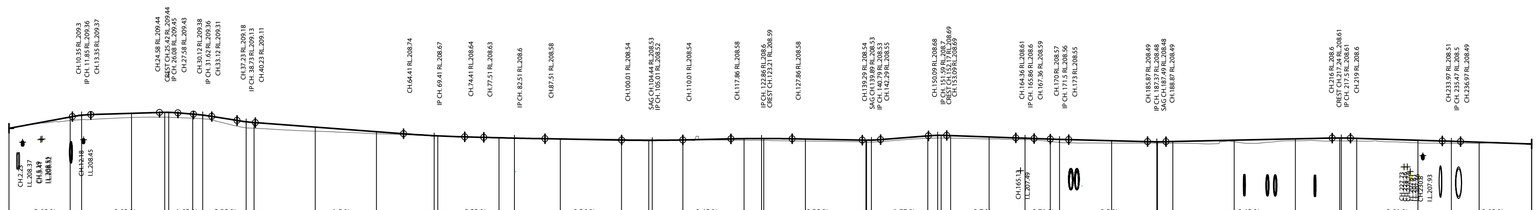
- DENOTES NEW MEDIAN EXTENT

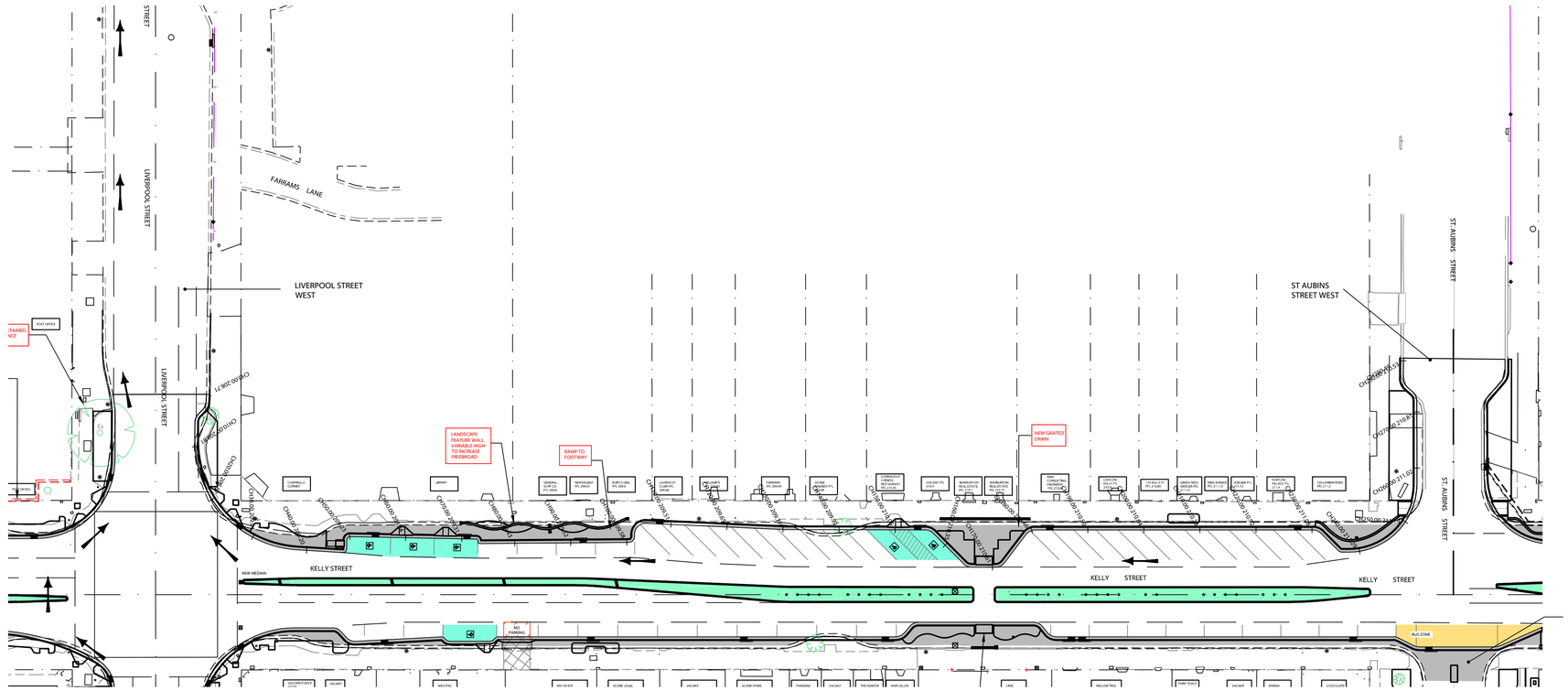


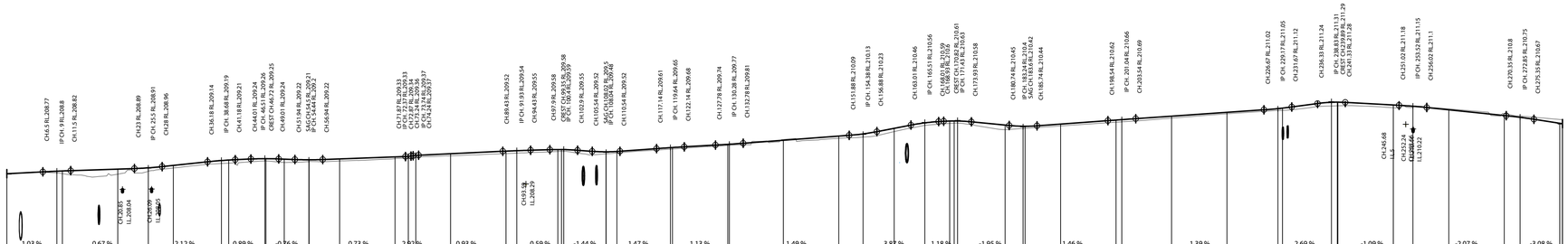
| | | |

A1 SHEET

LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
- DENOTES NO PARKING
- DENOTES DRIVEWAYS TO PROPERTIES
- DENOTES TIE IN TO EXTENT OF WORKS
- DENOTES REMOVAL OR REMEDIAL WORKS TO PATHWAYS/DRIVEWAYS
- DENOTES EXTENT OF INCREASED FOOTPATH EX LIP TO NEW LIP
- DENOTES NEW MEDIAN EXTENT



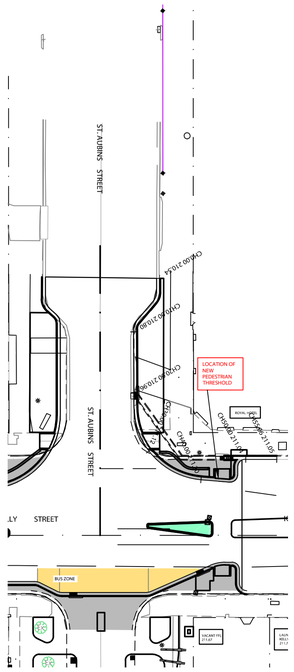


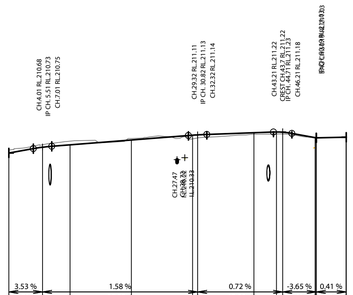
| | | |

A1 SHEET

LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
- DENOTES NO PARKING
- DENOTES DRIVEWAYS TO PROPERTIES
- DENOTES TIE IN TO EXTENT OF WORKS
- DENOTES REMOVAL OR REMEDIAL WORKS TO PATHWAYS/DIRVEWAYS
- DENOTES EXTENT OF INCREASED FOOTPATH EX LIP TO NEW LIP
- DENOTES NEW MEDIAN EXTENT





CUT/FILL DEPTH	-0.1	-0.081	-0.121	-0.051	0.12	0.098	0.046	0.064	0.056	-0.001	-0.008	-0.008	0.005	
DESIGN LEVELS ON LIP KELLY ST BLOCK B3 WEST	210.536	210.723	210.802	210.959	211.116	211.127	211.196	211.221	211.214	211.037	211.03	211.03	211.05	211.05
EXISTING SURFACE ON LIP	210.64	210.8	210.92	211.01	211	211.03	211.15	211.16	211.16	211.04	211.04	211.04	211.05	
CHAINAGE LIP KELLY ST BLOCK B3 WEST	0	5.51	10	20	30	30.82	40	43.7	44.71	50	50.17	50.19	55.06	55.09

LONG SECTION GUTTER LIP BLOCK 3 - ST AUBINS ST (WEST)

HORIZONTAL SCALE 1:500 (A1)
VERTICAL SCALE 1:100 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

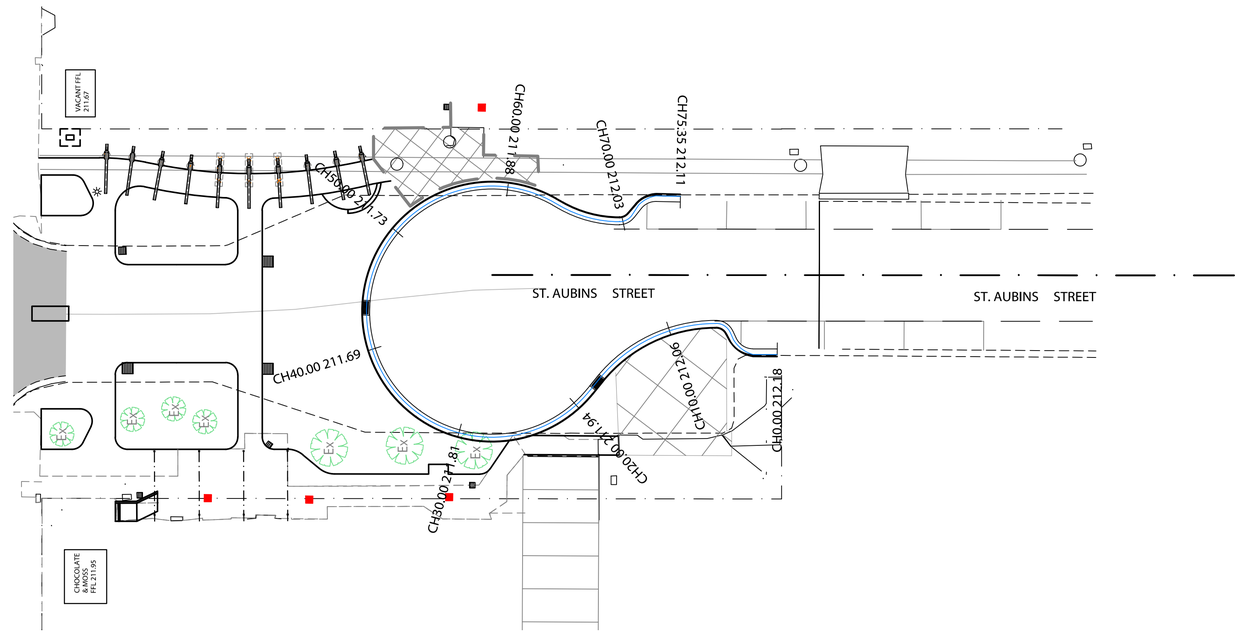
18-130 - PART 5
LONG SECTION LIP
BLOCK 3 (WEST)
SHEET 1

Scale
Horizontal: 0 5 10 15 20 25 SCALE 1:500 (A1)
Vertical: 0 1 2 3 4 5 SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- RL-0131	02

A1 SHEET



LEGEND

- DENOTES BUS STOP
- DENOTES DISABLED PARKING
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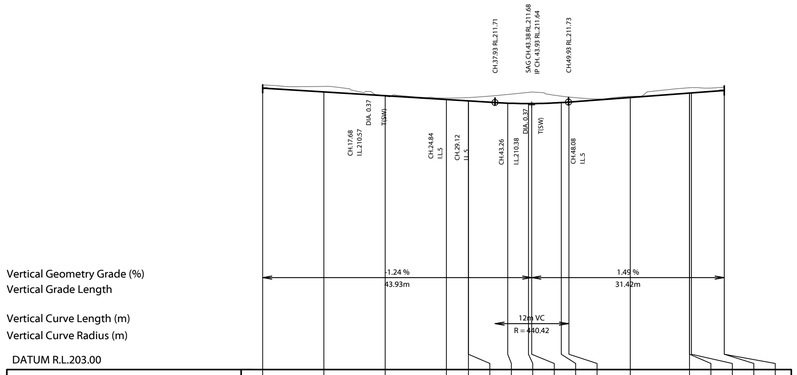
- DENOTES REMOVAL OR REMEDIAL WORKS TO PATHWAYS/DRIVEWAYS
- DENOTES EXTENT OF INCREASED FOOTPATH EX LIP TO NEW LIP
- DENOTES NEW MEDIAN EXTENT



CUT/FILL DEPTH	-0.107		-0.182		0.016		-0.044	-0.108	-0.108	-0.284	-0.365	-0.377	-0.211	-0.164	-0.038		-0.177	-0.177	-0.175	-0.109			
DESIGN LEVELS ON LIP KELLY ST BLOCK B1 WEST	212.184		212.06		211.936		211.812	211.768	211.768	211.694	211.681	211.681	211.713	211.73	211.879		212.023	212.023	212.027	212.107	212.107		
EXISTING SURFACE ON LIP	212.29		212.24		211.92		211.86	211.88	211.88	211.98	212.05	212.06	211.92	211.89	211.92		212.2	212.2	212.2	212.22			
CHAINAGE LIP KELLY ST BLOCK B1 WEST	0		10		20		30	33.59	33.59	40	43.38	43.93	48.75	50	60		69.67	69.67	70	75.35	75.35		

LONGSECTION Lip St Aubin Culd

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

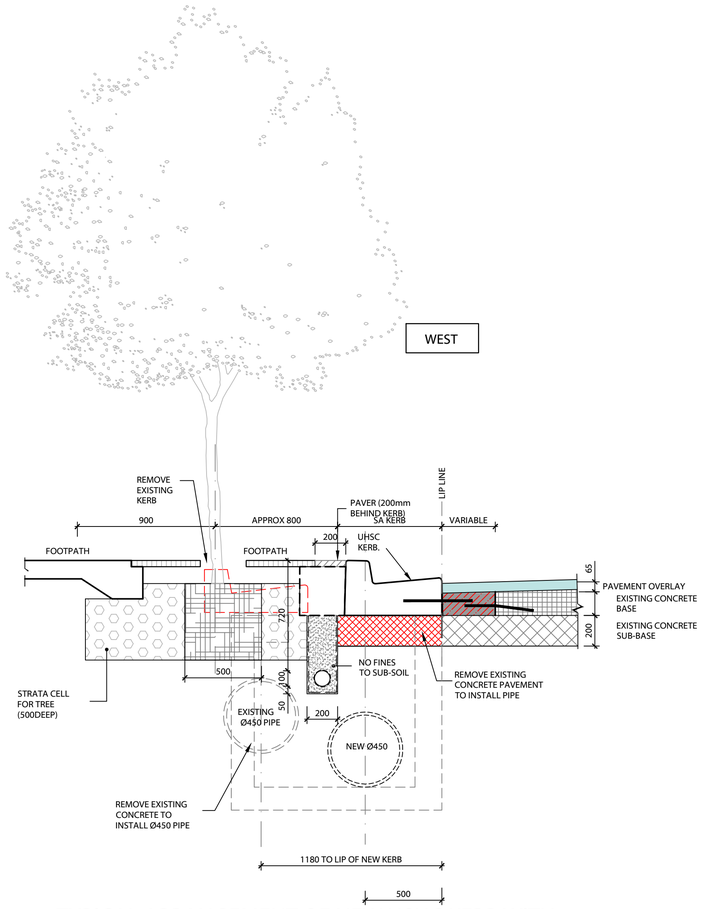
18-130 - PART 5
LONG SECTION LIP
ST AUBINS LIP (EAST)
SHEET 1

Scale
Horizontal: 0 2.5 5 7.5 10 12.5 SCALE 1:250 (A1)
Vertical: 0 0.5 1 1.5 2 2.5 SCALE 1:50 (A1)

CIVIL DRAWING

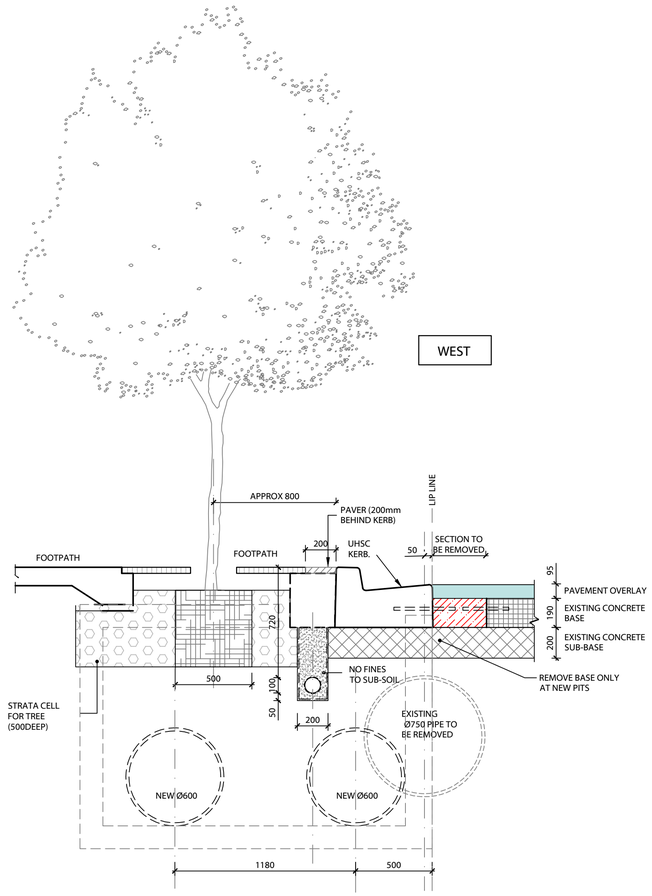
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JUNE 23	CONS- RL-0141	02

A1 SHEET



TYPICAL ARRANGEMENT OF NEW USHC KERB WITH SUB-SOIL AND STORMWATER DRAINAGE CH 230.00

SCALE: 1:20 (A1)



TYPICAL ARRANGEMENT OF NEW UHSC KERB WITH SUB-SOIL AND STORMWATER DRAINAGE CH 320.00

SCALE: 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

18-130 - PART 5
DETAILED ROAD SECTIONS
KELLY STREET
SHEET 2

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)
Vertical:

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JUNE 23	CONS- RL-0501	02

A1 SHEET

Centreline Data
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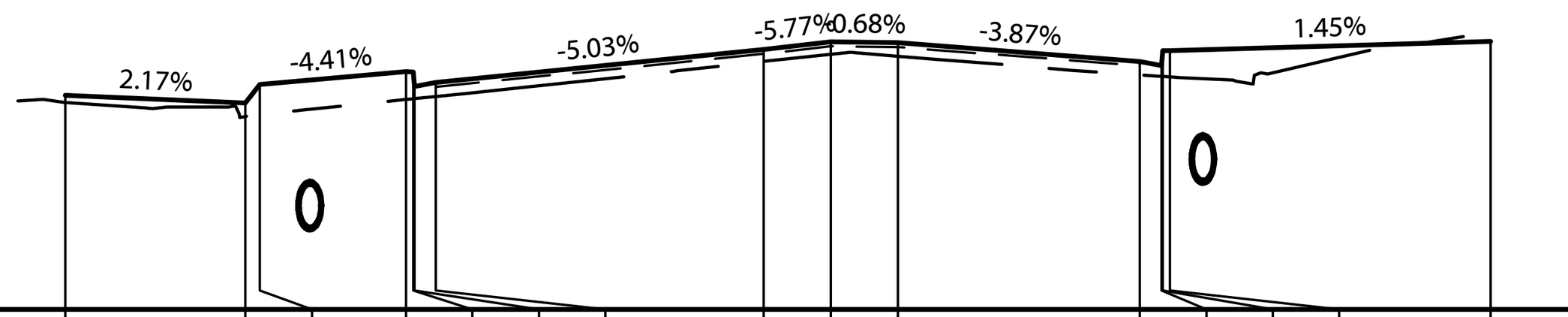
Y=6451744.182
Z=209.814
Datum207



DESIGN SURFACE KELLY STREET	209.251	209.169	209.364	209.5	209.497	209.344	209.385	209.733	209.814	209.804	209.607	209.566	209.719	209.722	209.82
DEPTH TO AC BOXOUT							-0.045	-0.045	-0.045	-0.045	-0.045				
45mm AC14 BOXOUT							209.34	209.688	209.769	209.759	209.562				
HEIGHT TO DESIGN	-0.075	-0.142	-0.317	-0.293	-0.283	-0.128	-0.146	-0.122	-0.13	-0.142	-0.144	-0.117	-0.27	-0.278	
EXISTING SURFACE LEVEL	209.176	209.028	209.047	209.207	209.214	209.216	209.239	209.61	209.685	209.662	209.463	209.45	209.449	209.444	
OFFSET FROM CENTRELINE	-16.13	-12.33	-12.03	-8.95	-8.8	-8.77	-8.32	-1.41	0	1.42	6.52	6.97	7	7.15	13.9

CHAINAGE 155.000

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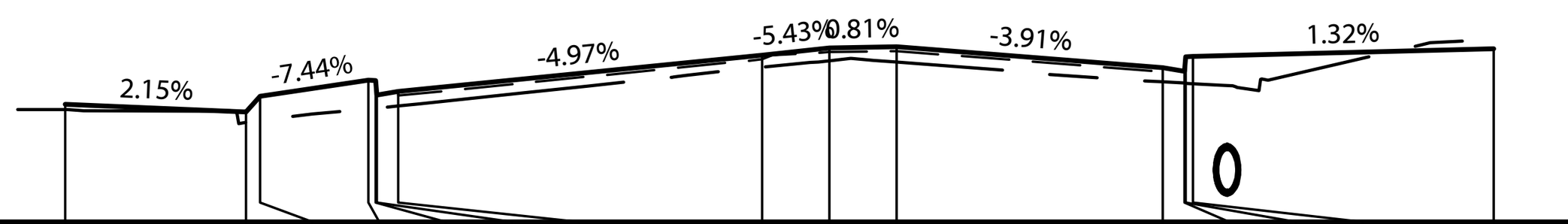
Y=6451742.21
Z=209.829
Datum208



DESIGN SURFACE KELLY STREET	209.234	209.152	209.317	209.487	209.484	209.331	209.372	209.752	209.829	209.84	209.621	209.58	209.733	209.736	209.82
DEPTH TO AC BOXOUT							-0.045	-0.045	-0.045	-0.045	-0.045				
45mm AC14 BOXOUT							209.327	209.707	209.783	209.795	209.576				
HEIGHT TO DESIGN	-0.054	-0.107	-0.249	-0.303	-0.293	-0.138	-0.156	-0.128	-0.137	-0.162	-0.151	-0.124	-0.277	-0.285	
EXISTING SURFACE LEVEL	209.18	209.045	209.069	209.183	209.191	209.192	209.216	209.624	209.691	209.678	209.47	209.457	209.456	209.451	
OFFSET FROM CENTRELINE	-16.07	-12.27	-11.97	-9.69	-9.54	-9.52	-9.06	-1.41	0	1.42	7.01	7.47	7.49	7.64	13.97

CHAINAGE 153.000

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Y=6451740.569
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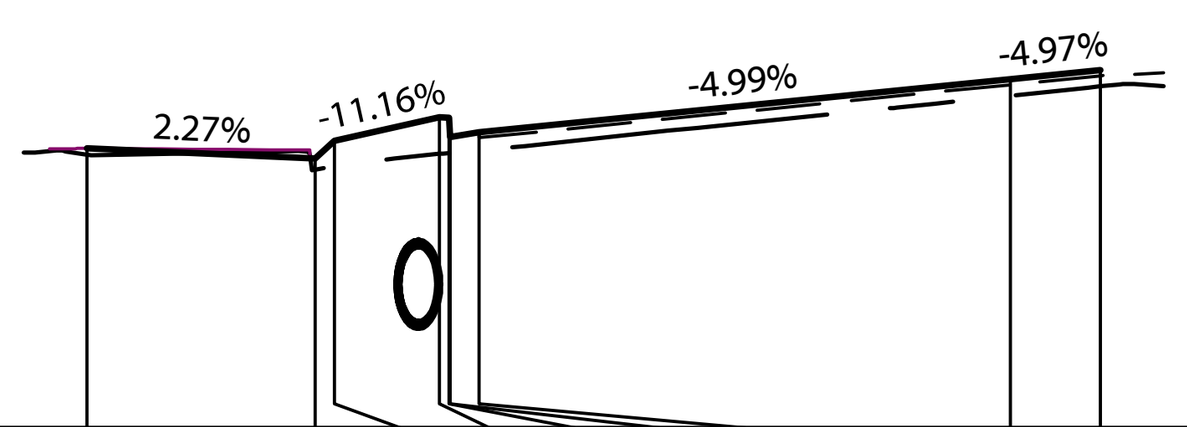
Datum207



DESIGN SURFACE KELLY STREET	209.219	209.137	209.278	209.464	209.461	209.308	209.349	209.768	209.838
DEPTH TO AC BOXOUT							-0.045	-0.045	-0.045
45mm AC14 BOXOUT							209.304	209.723	209.793
HEIGHT TO DESIGN	-0.052	-0.087	-0.201	-0.288	-0.278	-0.123	-0.144	-0.131	-0.129
EXISTING SURFACE LEVEL	209.168	209.051	209.077	209.176	209.183	209.184	209.205	209.637	209.709
OFFSET FROM CENTRELINE	-16.01	-12.41	-12.11	-10.45	-10.3	-10.27	-9.82	-1.42	0

CHAINAGE 151.335

Centreline Data
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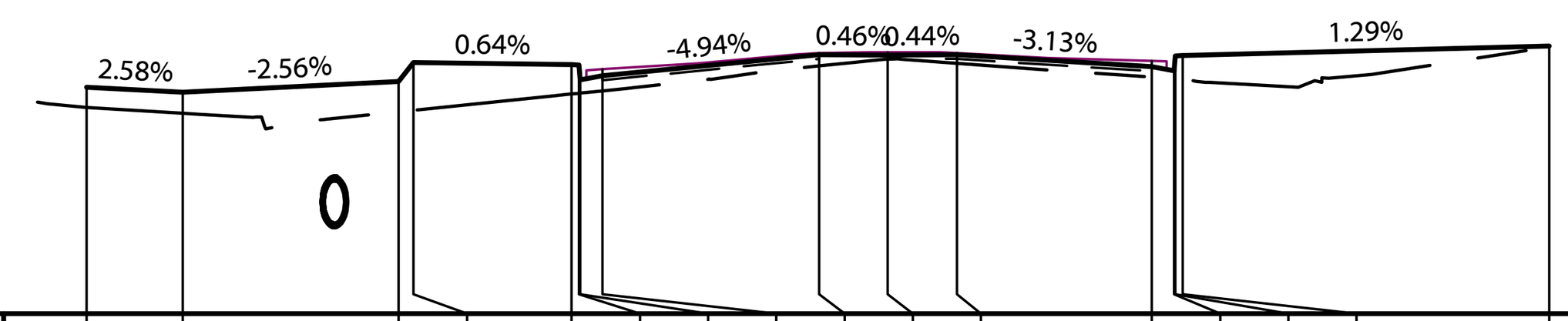
Y=6451754.041
Z=209.654
Datum207



DESIGN SURFACE KELLY STREET	209.323	209.272	209.386	209.577	209.556	209.553	209.4	209.441	209.661	209.654	209.66	209.535	209.494	209.647	209.65	209.748
DEPTH TO AC BOXOUT								-0.045	-0.045		-0.045	-0.045				
45mm AC14 BOXOUT								209.396	209.616		209.615	209.49				
HEIGHT TO DESIGN	-0.207	-0.214	-0.312	-0.488	-0.301	-0.29	-0.136	-0.154	-0.116	-0.041	-0.089	-0.108	-0.084	-0.238	-0.247	
EXISTING SURFACE LEVEL	209.116	209.058	209.074	209.089	209.255	209.263	209.264	209.287	209.545	209.614	209.572	209.427	209.41	209.409	209.404	
OFFSET FROM CENTRELINE	-16.44	-14.46	-10.03	-9.73	-6.48	-6.33	-6.31	-5.85	-1.41	0	1.42	5.42	5.87	5.9	6.05	13.57

CHAINAGE 165.000

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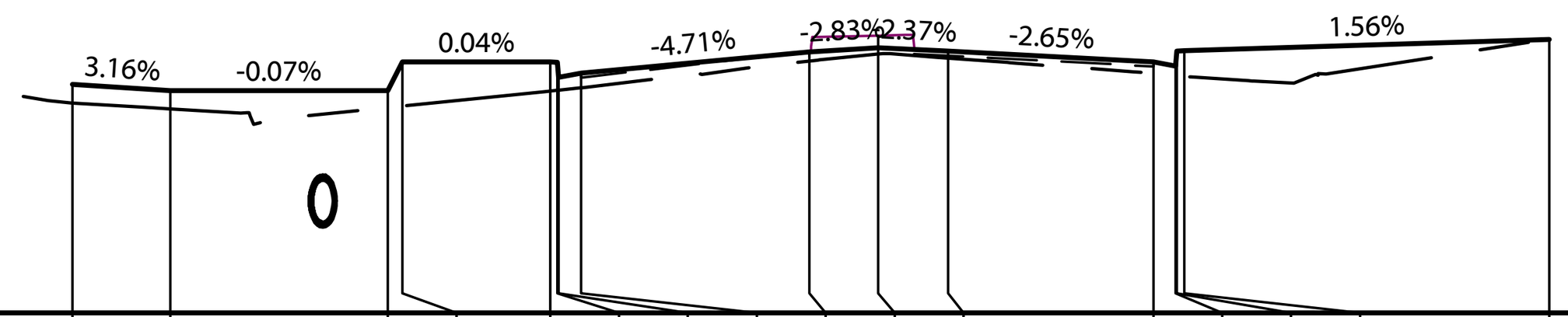
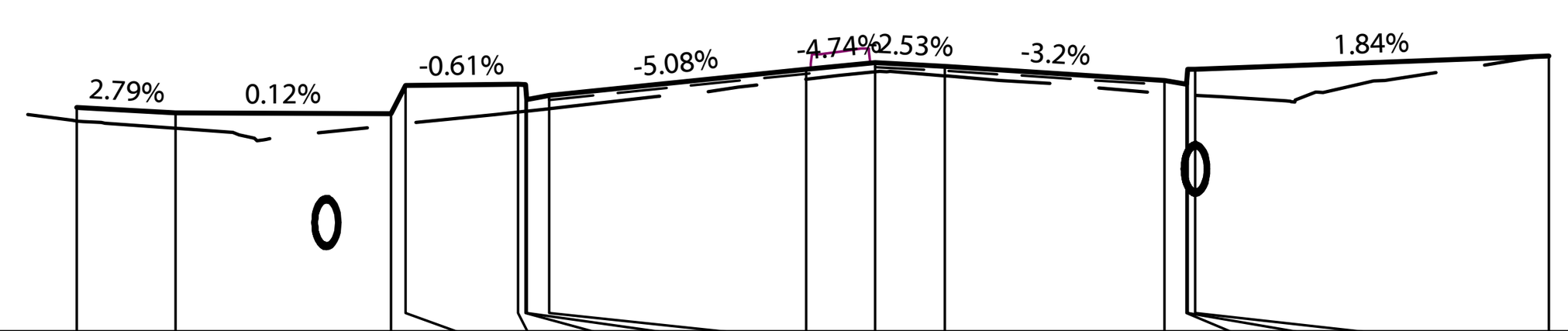
Y=6451752.069
Z=209.696
Datum207



DESIGN SURFACE KELLY STREET	209.322	209.259	209.262	209.554	209.553	209.55	209.397	209.438	209.656	209.696	209.662	209.552	209.511	209.664	209.667	209.782
DEPTH TO AC BOXOUT								-0.045	0.003		-0.045	-0.045				
45mm AC14 BOXOUT								209.393	209.659		209.617	209.507				
HEIGHT TO DESIGN	-0.19	-0.186	-0.174	-0.45	-0.295	-0.285	-0.13	-0.148	-0.095	-0.062	-0.071	-0.116	-0.092	-0.246	-0.256	
EXISTING SURFACE LEVEL	209.133	209.074	209.089	209.104	209.257	209.265	209.266	209.29	209.561	209.634	209.591	209.435	209.419	209.418	209.41	
OFFSET FROM CENTRELINE	-16.38	-14.38	-9.97	-9.67	-6.67	-6.52	-6.49	-6.04	-1.4	0	1.42	5.59	6.05	6.07	6.22	13.64

CHAINAGE 163.000

Centreline Data
X=298641.181
Y=6451749.111
Z=209.752
Datum207



DESIGN SURFACE KELLY STREET	209.296	209.239	209.234	209.519	209.533	209.53	209.377	209.418	209.685	209.752	209.716	209.572	209.531	209.684	209.687	209.82
DEPTH TO AC BOXOUT								-0.045	-0.045	-0.045	-0.045	-0.045				
45mm AC14 BOXOUT								209.373	209.64	209.706	209.671	209.527				
HEIGHT TO DESIGN	-0.138	-0.156	-0.119	-0.389	-0.284	-0.273	-0.118	-0.137	-0.102	-0.094	-0.097	-0.133	-0.106	-0.259	-0.267	
EXISTING SURFACE LEVEL	209.157	209.083	209.115	209.131	209.25	209.258	209.259	209.282	209.583	209.658	209.619	209.439	209.426	209.425	209.421	
OFFSET FROM CENTRELINE	-16.28	-14.27	-9.88	-9.58	-7.28	-7.13	-7.11	-6.65	-1.41	0	1.42	5.9	6.35	6.38	6.53	13.74

CHAINAGE 160.000

Centreline Data
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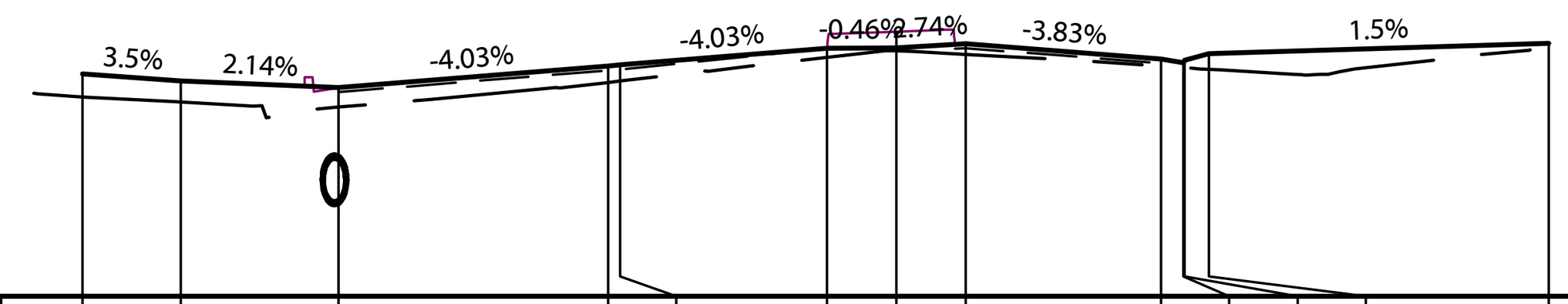
Y=6451762.606
Z=209.545
Datum207



DESIGN SURFACE KELLY STREET	209.274	209.204	209.135	209.358	209.368	209.539	209.545	209.584	209.431	209.39	209.415	209.484	209.589
DEPTH TO AC BOXOUT			-0.045	-0.045	-0.045	-0		-0.045	-0.045				
45mm AC14 BOXOUT			209.09	209.313	209.323	209.539		209.539	209.386				
HEIGHT TO DESIGN	-0.235	-0.214	-0.199	-0.169	-0.164	-0.092	-0.031	-0.107	-0.074	-0.048	-0.073	-0.161	-0.055
EXISTING SURFACE LEVEL	209.04	208.99	208.936	209.189	209.203	209.446	209.514	209.477	209.356	209.342	209.341	209.323	209.534
OFFSET FROM CENTRELINE	-16.68	-14.67	-11.44	-5.91	-5.67	-1.42	0	1.42	5.43	5.88	5.91	6.41	13.38

CHAINAGE 173.671

Centreline Data
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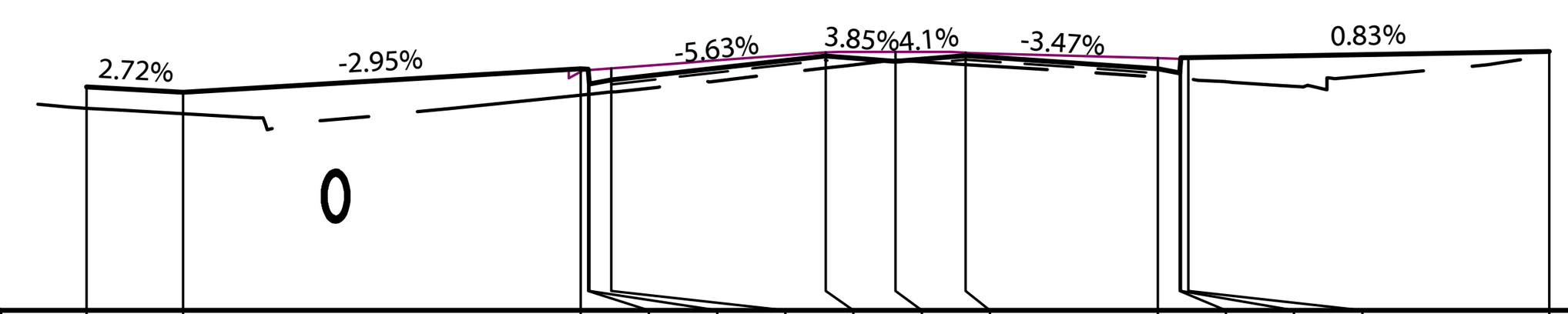
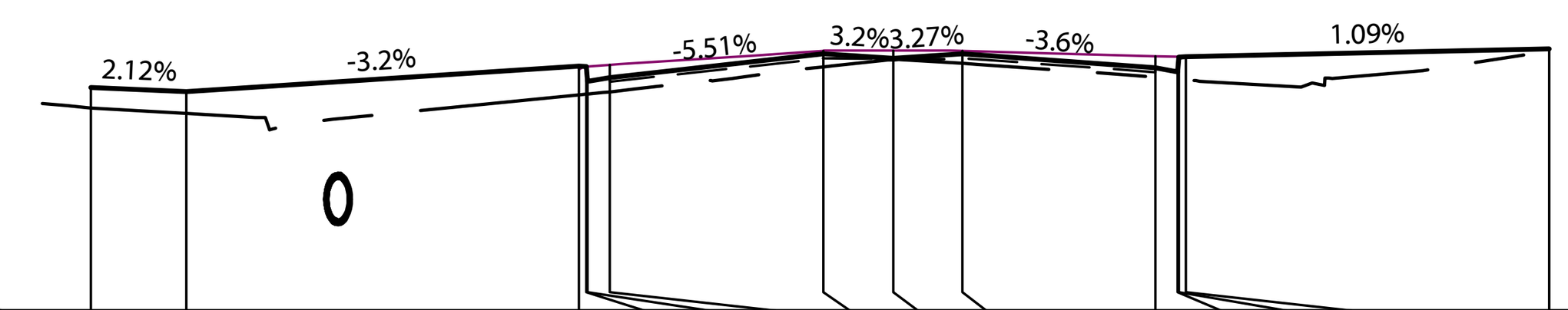
Y=6451758.973
Z=209.559
Datum207



DESIGN SURFACE KELLY STREET	209.295	209.241	209.481	209.478	209.325	209.366	209.614	209.559	209.618	209.481	209.44	209.593	209.596	209.658
DEPTH TO AC BOXOUT						-0.045	-0.045		-0.045	-0.045				
45mm AC14 BOXOUT						209.321	209.569		209.573	209.436				
HEIGHT TO DESIGN	-0.221	-0.222	-0.271	-0.26	-0.106	-0.124	-0.125	0.008	-0.094	-0.085	-0.059	-0.213	-0.221	-0.047
EXISTING SURFACE LEVEL	209.073	209.019	209.21	209.218	209.219	209.243	209.489	209.568	209.524	209.397	209.381	209.38	209.375	209.611
OFFSET FROM CENTRELINE	-16.6	-14.62	-6.46	-6.31	-6.28	-5.83	-1.43	0	1.44	5.38	5.84	5.86	6.01	13.42

CHAINAGE 170.000

Centreline Data
X=298642.396
Y=6451756.268
Z=209.609
Datum207



DESIGN SURFACE KELLY STREET	209.31	209.268	209.527	209.524	209.371	209.412	209.655	209.609	209.655	209.512	209.471	209.624	209.627	209.709
DEPTH TO AC BOXOUT						-0.045	-0.045	-0.004	-0.045	-0.045				
45mm AC14 BOXOUT						209.367	209.61	209.605	209.61	209.467				
HEIGHT TO DESIGN	-0.212	-0.228	-0.295	-0.284	-0.13	-0.148	-0.134	-0.016	-0.099	-0.097	-0.073	-0.227	-0.236	-0.028
EXISTING SURFACE LEVEL	209.097	209.04	209.232	209.24	209.241	209.264	209.521	209.593	209.557	209.414	209.398	209.397	209.391	209.681
OFFSET FROM CENTRELINE	-16.51	-14.54	-6.46	-6.31	-6.29	-5.83	-1.44	0	1.42	5.39	5.85	5.87	6.02	13.5

CHAINAGE 167.259

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRCUTION	25/10/2023	CA				
02	ISSUED FOR CONSTRCUTION	28/07/2023	CA				
01	ISSUED FOR CONSTRCUTION	18/04/2023	CA				
A	ISSUED FOR CONSTRCUTION	31/03/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337
Telephone: (02) 6540 1100
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Email: council@upperhunter.nsw.gov.au

KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 - PART 6
CROSS SECTIONS
KELLY STREET
SHEET 1

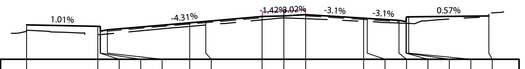
Scale
Horizontal: 0 2 4 6 8 10 SCALE 1:200 (A1)
Vertical: 0 1 2 3 4 5 SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- RC-0101 03

A1 SHEET

Centreline Data
X=298644.905
Y=6451773.83
Z=209.414

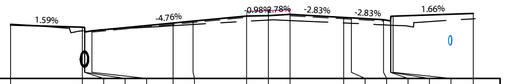


Datum208

| | | |

A1 SHEET

Centreline Data
X=298651.011
Y=6451818.414
Z=209.05



Datum207

| | | |

A1 SHEET

Centreline Data
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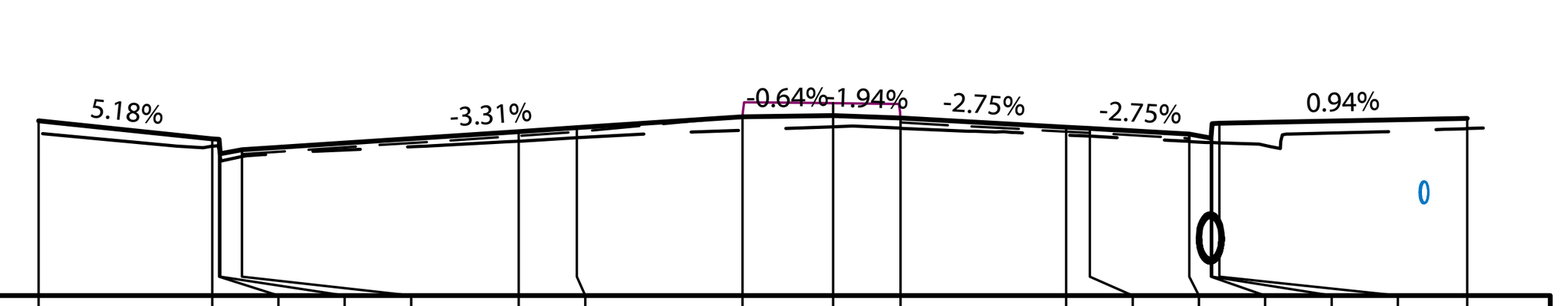
Y=6451862.997
Z=208.897
Datum207



DESIGN SURFACE KELLY STREET	208.84	208.65	208.647	208.494	208.535	208.728	208.769	208.885	208.897	208.869	208.773	208.76	208.702	208.661	208.814	208.817	208.866
DEPTH TO AC BOXOUT					-0.045	-0.045	-0.045	0		-0.045	-0.045	-0.045	-0.045				
45mm AC14 BOXOUT					208.49	208.683	208.724	208.885		208.824	208.728	208.715	208.657				
HEIGHT TO DESIGN		-0.076	-0.127	-0.035	-0.07	-0.101	-0.107	-0.142	-0.12	-0.105	-0.081	-0.081	-0.077	-0.048	-0.201	-0.206	-0.107
EXISTING SURFACE LEVEL		208.574	208.52	208.459	208.465	208.628	208.662	208.742	208.777	208.764	208.692	208.679	208.625	208.613	208.613	208.61	208.76
OFFSET FROM CENTRELINE	-16.78	-13.11	-12.96	-12.94	-12.48	-6.64	-5.42	-1.92	0	1.42	4.92	5.42	7.52	7.97	8	8.15	13.39

CHAINAGE 275.000

Centreline Data
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Y=6451858.044
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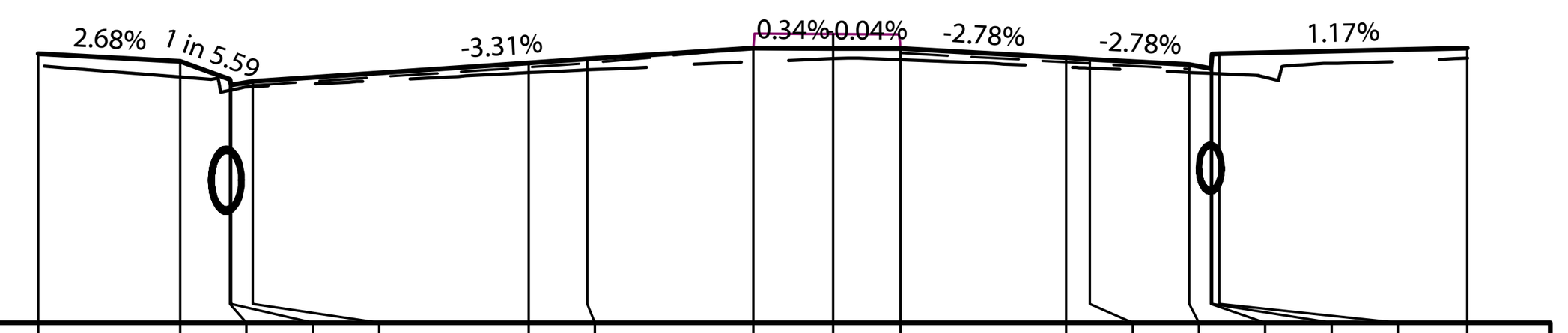

DESIGN SURFACE KELLY STREET	208.84	208.76	208.572	208.511	208.552	208.745	208.786	208.902	208.896	208.895	208.798	208.784	208.726	208.685	208.838	208.841	208.902
DEPTH TO AC BOXOUT					-0.045	-0.045	-0.045	0		-0.045	-0.045	-0.045	-0.045				
45mm AC14 BOXOUT					208.507	208.7	208.741	208.902		208.85	208.753	208.739	208.681				
HEIGHT TO DESIGN		-0.162	-0.116	-0.053	-0.058	-0.104	-0.114	-0.145	-0.107	-0.117	-0.096	-0.094	-0.082	-0.051	-0.205	-0.211	-0.106
EXISTING SURFACE LEVEL		208.597	208.456	208.458	208.494	208.641	208.672	208.756	208.789	208.778	208.702	208.691	208.644	208.634	208.633	208.63	208.797
OFFSET FROM CENTRELINE	-16.78	-13.79	-12.74	-12.71	-12.26	-6.43	-5.19	-1.69	0	1.42	4.92	5.42	7.52	7.97	8	8.15	13.39

CHAINAGE 270.000

Centreline Data
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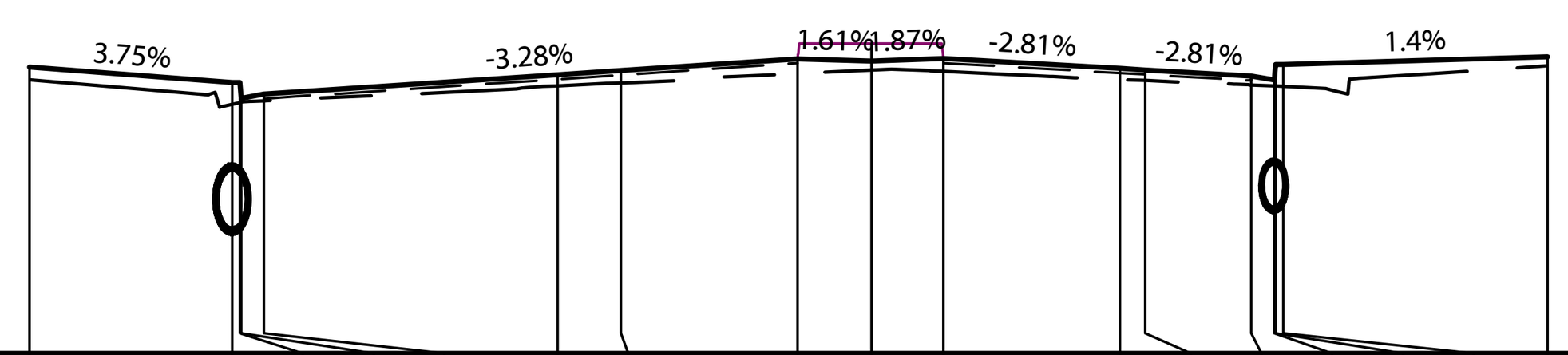
Y=6451853.09
Z=208.895
Datum206



DESIGN SURFACE KELLY STREET	208.837	208.687	208.684	208.531	208.572	208.762	208.804	208.919	208.895	208.921	208.823	208.809	208.75	208.709	208.862	208.865	208.938
DEPTH TO AC BOXOUT					-0.045	-0.045	-0.045	-0.041			-0.045	-0.045	-0.045				
45mm AC14 BOXOUT					208.527	208.717	208.759	208.877			208.778	208.764	208.705				
HEIGHT TO DESIGN		-0.217	-0.196	-0.04	-0.066	-0.11	-0.124	-0.146	-0.088	-0.128	-0.108	-0.104	-0.09	-0.059	-0.212	-0.219	
EXISTING SURFACE LEVEL		208.47	208.487	208.49	208.505	208.653	208.68	208.773	208.807	208.793	208.715	208.705	208.661	208.65	208.65	208.647	
OFFSET FROM CENTRELINE	-16.67	-12.66	-12.51	-12.48	-12.03	-6.22	-4.96	-1.46	0	1.42	4.92	5.42	7.52	7.97	8	8.15	13.39

CHAINAGE 265.000

Centreline Data
X=298659.153
Y=6451877.859
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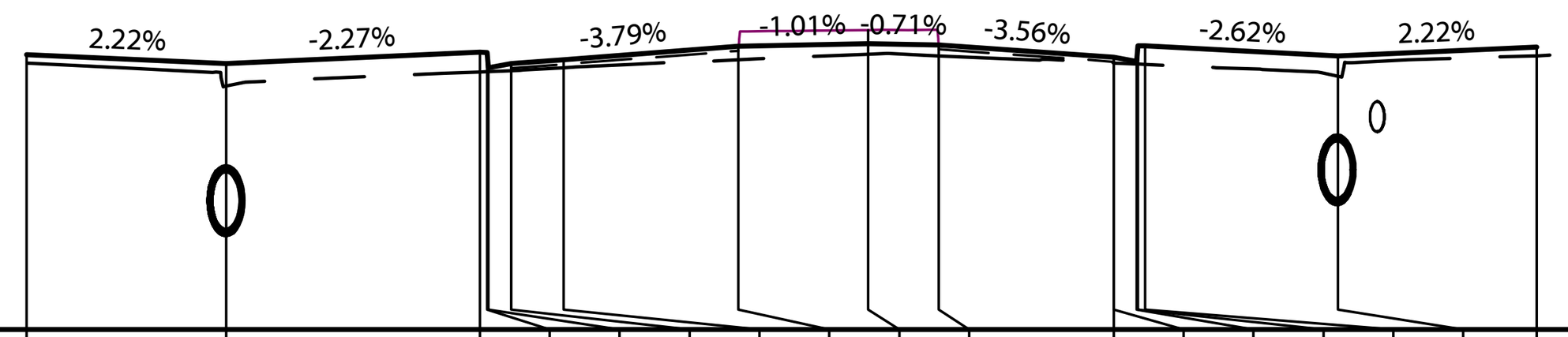
Datum206



DESIGN SURFACE KELLY STREET	208.75	208.661	208.776	208.773	208.62	208.661	208.701	208.834	208.86	208.85	208.725	208.725	208.684	208.837	208.84	208.739	208.827
DEPTH TO AC BOXOUT						-0.045	-0.045	-0.045			-0.045	-0.045					
45mm AC14 BOXOUT						208.616	208.656	208.789			208.68	208.68					
HEIGHT TO DESIGN		-0.225	-0.198	-0.193	-0.039	-0.072	-0.082	-0.134	-0.106	-0.111	-0.057	-0.057	-0.027	-0.181	-0.187	-0.205	-0.088
EXISTING SURFACE LEVEL		208.436	208.578	208.581	208.581	208.589	208.62	208.7	208.754	208.738	208.668	208.668	208.657	208.657	208.653	208.535	208.74
OFFSET FROM CENTRELINE	-16.85	-12.85	-7.77	-7.62	-7.6	-7.14	-6.09	-2.59	0	1.42	4.92	4.92	5.38	5.4	5.55	9.41	13.39

CHAINAGE 290.000

Centreline Data
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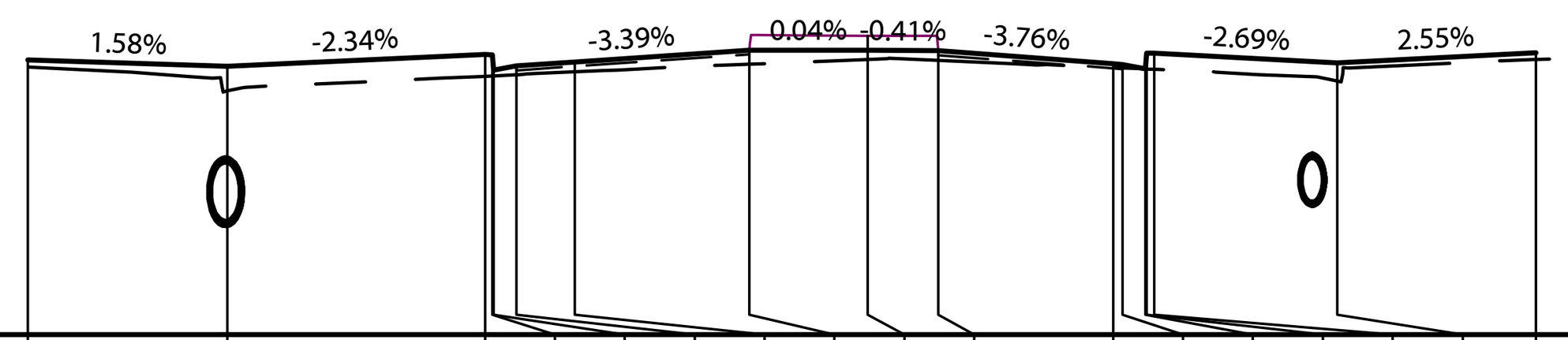
Y=6451872.905
Z=208.85
Datum206



DESIGN SURFACE KELLY STREET	208.75	208.687	208.808	208.805	208.652	208.693	208.732	208.851	208.85	208.844	208.713	208.706	208.665	208.818	208.821	208.722	208.823
DEPTH TO AC BOXOUT						-0.045	-0.045	-0.045			-0.045	-0.045					
45mm AC14 BOXOUT						208.648	208.687	208.806			208.668	208.661					
HEIGHT TO DESIGN		-0.246	-0.219	-0.213	-0.059	-0.09	-0.1	-0.141	-0.094	-0.098	-0.038	-0.035	-0.004	-0.157	-0.163	-0.182	-0.068
EXISTING SURFACE LEVEL		208.441	208.588	208.592	208.592	208.603	208.632	208.71	208.756	208.746	208.675	208.671	208.661	208.66	208.657	208.54	208.755
OFFSET FROM CENTRELINE	-16.82	-12.82	-7.66	-7.51	-7.49	-7.03	-5.87	-2.37	0	1.42	4.92	5.11	5.57	5.59	5.74	9.41	13.39

CHAINAGE 285.000

Centreline Data
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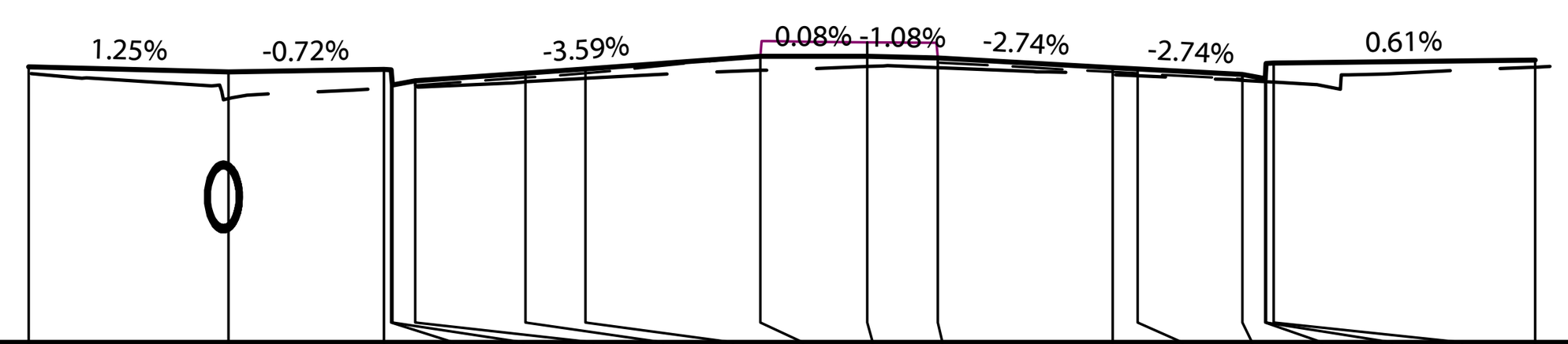
Datum206



DESIGN SURFACE KELLY STREET	208.763	208.712	208.735	208.732	208.579	208.62	208.699	208.742	208.868	208.866	208.851	208.755	208.741	208.683	208.642	208.795	208.798	208.83
DEPTH TO AC BOXOUT						-0.045	-0.045	-0.045	0		-0.045	-0.045	-0.045	-0.045				
45mm AC14 BOXOUT						208.575	208.654	208.697	208.868		208.806	208.71	208.696	208.638				
HEIGHT TO DESIGN		-0.268	-0.192	-0.186	-0.033	-0.063	-0.087	-0.095	-0.142	-0.101	-0.098	-0.07	-0.067	-0.056	-0.029	-0.183	-0.19	-0.071
EXISTING SURFACE LEVEL		208.444	208.542	208.546	208.546	208.557	208.612	208.647	208.726	208.765	208.753	208.685	208.674	208.627	208.614	208.613	208.608	208.759
OFFSET FROM CENTRELINE	-16.8	-12.8	-9.69	-9.54	-9.51	-9.06	-6.84	-5.64	-2.14	0	1.42	4.92	5.42	7.52	7.97	8	8.15	13.39

CHAINAGE 280.000

Centreline Data
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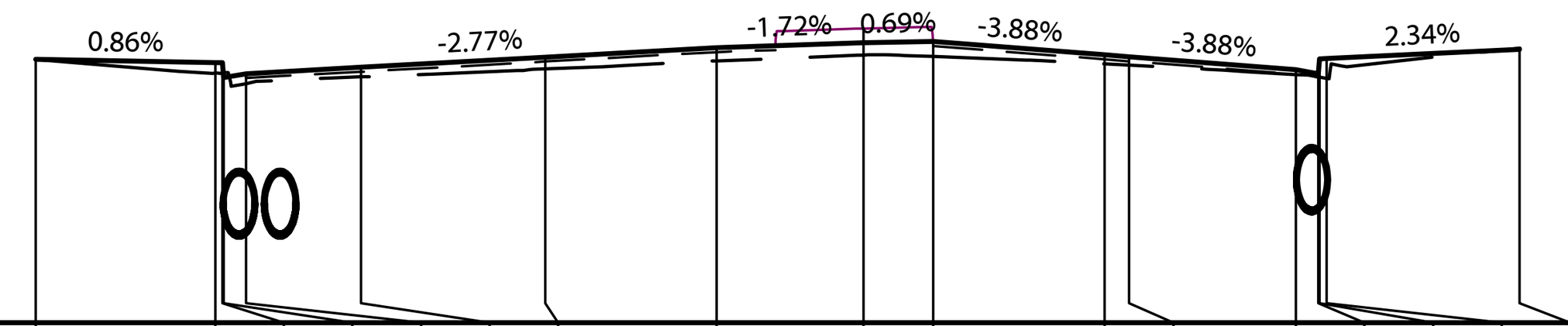
Y=6451892.72
Z=208.86
Datum206



DESIGN SURFACE KELLY STREET	208.689	208.658	208.655	208.502	208.543	208.608	208.712	208.808	208.86	208.87	208.734	208.715	208.583	208.542	208.695	208.698	208.79
DEPTH TO AC BOXOUT					-0.045	-0.045	-0.045	-0.045			-0.045	-0.045	-0.045				
45mm AC14 BOXOUT					208.498	208.563	208.667	208.763			208.689	208.67	208.538				
HEIGHT TO DESIGN		-0.109	-0.101	0.055	-0.101	-0.098	-0.119	-0.135	-0.128	-0.152	-0.093	-0.086	-0.048	-0.033	-0.188	-0.204	0.014
EXISTING SURFACE LEVEL		208.549	208.553	208.556	208.442	208.51	208.592	208.673	208.732	208.717	208.641	208.629	208.535	208.509	208.507	208.494	208.804
OFFSET FROM CENTRELINE	-16.89	-13.23	-13.08	-13.06	-12.6	-10.26	-6.5	-3	0	1.42	4.92	5.42	8.82	9.27	9.3	9.45	13.39

CHAINAGE 305.000

Centreline Data
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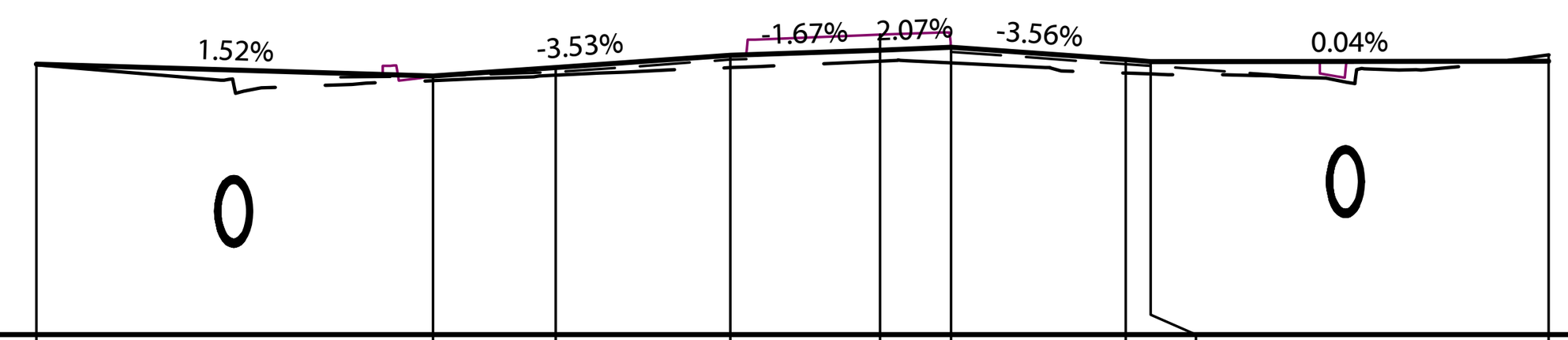
Y=6451887.766
Z=208.85
Datum206



DESIGN SURFACE KELLY STREET	208.71	208.59	208.676	208.8	208.85	208.879	208.755	208.737	208.74
DEPTH TO AC BOXOUT		0	-0.045	-0.045			-0.045	-0.045	
45mm AC14 BOXOUT		208.59	208.631	208.755			208.71	208.692	
HEIGHT TO DESIGN		-0.044	-0.077	-0.125	-0.111	-0.157	-0.134	-0.125	0.063
EXISTING SURFACE LEVEL		208.546	208.6	208.675	208.739	208.722	208.621	208.612	208.803
OFFSET FROM CENTRELINE	-16.89	-8.95	-6.5	-3	0	1.42	4.92	5.42	13.39

CHAINAGE 300.000

Centreline Data
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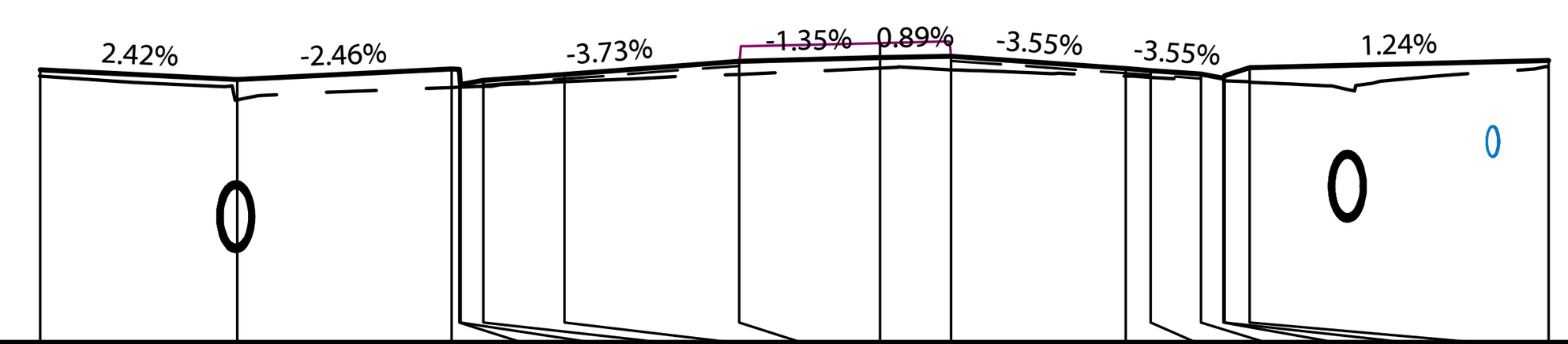
Y=6451882.812
Z=208.855
Datum206



DESIGN SURFACE KELLY STREET	208.731	208.636	208.741	208.738	208.585	208.626	208.687	208.817	208.855	208.868	208.743	208.726	208.69	208.649	208.674	208.751	208.826
DEPTH TO AC BOXOUT						-0.045	-0.045	-0.045			-0.045	-0.045	-0.045				
45mm AC14 BOXOUT						208.581	208.642	208.772			208.698	208.681	208.645				
HEIGHT TO DESIGN	-0.061	-0.204	-0.187	-0.181	-0.028	-0.06	-0.075	-0.13	-0.106	-0.135	-0.073	-0.069	-0.062	-0.028	-0.054	-0.141	
EXISTING SURFACE LEVEL	208.67	208.431	208.554	208.557	208.557	208.566	208.612	208.687	208.749	208.732	208.67	208.657	208.629	208.621	208.621	208.61	
OFFSET FROM CENTRELINE	-16.82	-12.87	-8.58	-8.43	-8.4	-7.95	-6.32	-2.82	0	1.42	4.92	5.42	6.42	6.87	6.9	7.4	13.39

CHAINAGE 295.000

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRCUTION	25/10/2023	CA				
02	ISSUED FOR CONSTRCUTION	28/07/2023	CA				
01	ISSUED FOR CONSTRCUTION	18/04/2023	CA				
A	ISSUED FOR CONSTRCUTION	31/03/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 - PART 6
CROSS SECTIONS
KELLY STREET
SHEET 4

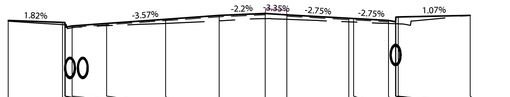
Scale
Horizontal: 0 2 4 6 8 10
SCALE 1:200 (A1)
Vertical: 0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RC-0104	03

A1 SHEET

Centreline Data
X=298663.224
Y=6451907.581
Z=208.9



Datum206

| | | |

A1 SHEET

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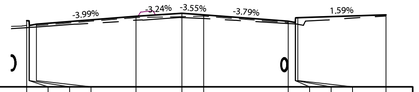

Datum207

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A1 SHEET

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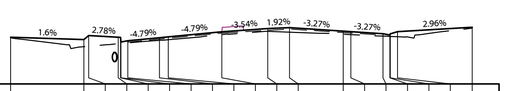

Datum208

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A1 SHEET

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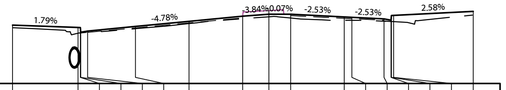

Datum208

| | | |

A1 SHEET

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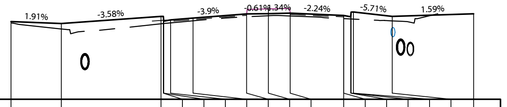

Datum208

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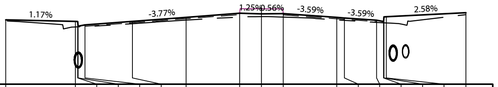
Z=211.295



Datum209

| | | |

A1 SHEET

Centreline Data

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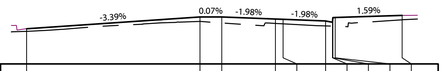
Z=211.533



Datum210

DESIGN SURFACE KELLY STREET	211.149	211.533	211.534	211.465	211.455	211.4	211.359	211.512	211.515	211.584		
DEPTH TO AC BOXOUT												
45mm AC14 BOXOUT												
HEIGHT TO DESIGN	-0.085	-0.146	-0.195	-0.143	-0.147	-0.158	-0.123	-0.277	-0.284	-0.143		
EXISTING SURFACE LEVEL	211.064	211.387	211.339	211.322	211.308	211.242	211.235	211.235	211.231	211.442		
OFFSET FROM CENTRELINE	-11.32	0	1.42	4.92	5.42	8.2	8.65	8.68	8.83	13.2		

CHAINAGE 610.000

Centreline Data

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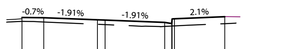
Y=6452189.945
Z=211.534



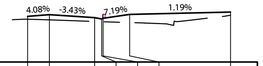
Datum210

DESIGN SURFACE KELLY STREET	211.534	211.524	211.457	211.448	211.373	211.332	211.485	211.488	211.557			
DEPTH TO AC BOXOUT	-0.045											
45mm AC14 BOXOUT	211.489											
HEIGHT TO DESIGN	-0.128	-0.138	-0.146	-0.147	-0.133	-0.079	-0.231	-0.23	-0.226			
EXISTING SURFACE LEVEL	211.406	211.386	211.311	211.3	211.24	211.253	211.254	211.259	211.331			
OFFSET FROM CENTRELINE	0	1.42	4.92	5.42	9.32	9.78	9.8	9.95	13.24			

CHAINAGE 605.000

Centreline Data

X=298703.933
Y=6452204.806
Z=211.49



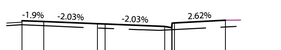
Datum210

DESIGN SURFACE KELLY STREET	211.49	211.548	211.447	211.406	211.428	211.553	211.631					
DEPTH TO AC BOXOUT												
45mm AC14 BOXOUT												
HEIGHT TO DESIGN	-0.092	-0.172	-0.121	-0.088	-0.112	-0.265						
EXISTING SURFACE LEVEL	211.398	211.376	211.325	211.317	211.316	211.288						
OFFSET FROM CENTRELINE	0	1.42	4.37	4.83	4.92	6.66	13.25					

CHAINAGE 620.000

Centreline Data

X=298701.219
Y=6452184.991
Z=211.535



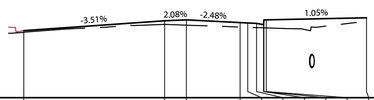
Datum210

DESIGN SURFACE KELLY STREET	211.535	211.508	211.437	211.427	211.348	211.307	211.46	211.463	211.55			
DEPTH TO AC BOXOUT	-0.047											
45mm AC14 BOXOUT	211.488											
HEIGHT TO DESIGN	-0.134	-0.136	-0.141	-0.141	-0.117	-0.065	-0.217	-0.216	-0.219			
EXISTING SURFACE LEVEL	211.401	211.372	211.296	211.285	211.23	211.242	211.243	211.246	211.331			
OFFSET FROM CENTRELINE	0	1.42	4.92	5.42	9.32	9.78	9.8	9.95	13.28			

CHAINAGE 600.000

Centreline Data

X=298703.254
Y=6452199.852
Z=211.512



Datum209

DESIGN SURFACE KELLY STREET	211.189	211.512	211.541	211.454	211.442	211.427	211.386	211.539	211.542	211.611		
DEPTH TO AC BOXOUT												
45mm AC14 BOXOUT												
HEIGHT TO DESIGN	-0.054	-0.118	-0.172	-0.146	-0.142	-0.138	-0.105	-0.259	-0.264			
EXISTING SURFACE LEVEL	211.135	211.393	211.369	211.308	211.299	211.289	211.281	211.281	211.278			
OFFSET FROM CENTRELINE	-9.2	0	1.42	4.92	5.42	6	6.46	6.48	6.63	13.18		

CHAINAGE 615.000

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRCUTION	25/10/2023	CA				
01	ISSUED FOR CONSTRCUTION	28/07/2023	CA				

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ABN 82 153 018 800

18-130 - PART 6
CROSS SECTIONS
KELLY STREET
SHEET 11

Scale
Horizontal:
0 2 4 6 8 10
SCALE 1:200 (A1)
Vertical:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RC-0111	02

A1 SHEET

LEGEND

- DENOTES EXISTING PIPEWORK TO BE REMOVED
- DENOTES EXISTING PITS TO BE REMOVED
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- DENOTES SEALED PIT TO FOOTPATH. REMOVE EXISTING GRADE, RECONSTRUCT PIT AND INSTALL NEW GATIC COVER TO PIT
- DENOTES NEW GRATED DRAIN (JUNCTION PIT)
- DENOTES NEW GRATED PIT TO FOOTPATH.
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES NEW PIT
- DENOTES EXISTING PIT

KINGDON STREET

KELLY STREET

KELLY STREET

KELLY STREET

KINGDON STREET

COLES CARPARK

SMOKE MART FFL 208.87

TNL PHYSIOTHERAPY FFL 208.87

HAMMOND CARE

DEMAINE BOUTIQUE FFL 208.76

MERLS ASIAN GROCERS FFL 208.72

REGIONAL AUSTRALIA BANK FFL 208.71

AQUIS FFL 208.84

RAY WHITE ESTATE AGENTS FFL 208.9

SPORTS STORE FFL 208.85

EYECARE PLUS FFL 208.85

DOMIN FFL 208.

THOROUGHBRED HOTEL

1 DP783597/ 218 KELLY STREET

TRANSCARE FFL 210.0

AMBULANCE STATION FFL 209.41

IN FINANCIAL SERVICES FFL 209.54

ASSER HOUSE CAFE FFL 209.19

MACQUEEN POTTER FFL 209.17

MacCALLUM INGLIS FFL 209.32

THE COTTAGE

Pit Ex A/5 · Pit C/1 · TG#1 · Pit D/2 · Pit Ex A/4 · Pit D/3 · Pit D/1 · Pit E/4 · Pit E/5 · Pit E/6 · Pit E/7 · Pit E/3 · Pit A/1 · Pit A/2 · Pit Ex A/1 · Pit Ex A/4 · Pit Ex A/3 · Pit Ex A/2 · Pit E/1 · Pit E/2 · Pit F/1 · Pit F/2 · Pit B1EB/2 · Pit B1EA/1 · Pit B1EB/1 · Pit B1EC/1

REFER TO SM-0051 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	20/06/2023	CA				

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KELLY STREET REVITALISATION PROJECT SCONE NSW 2337

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ABN 82 153 018 800

18-130 - PART 7 STORMWATER DEMOLTION PLAN BLOCK 1 - SHEET 1

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

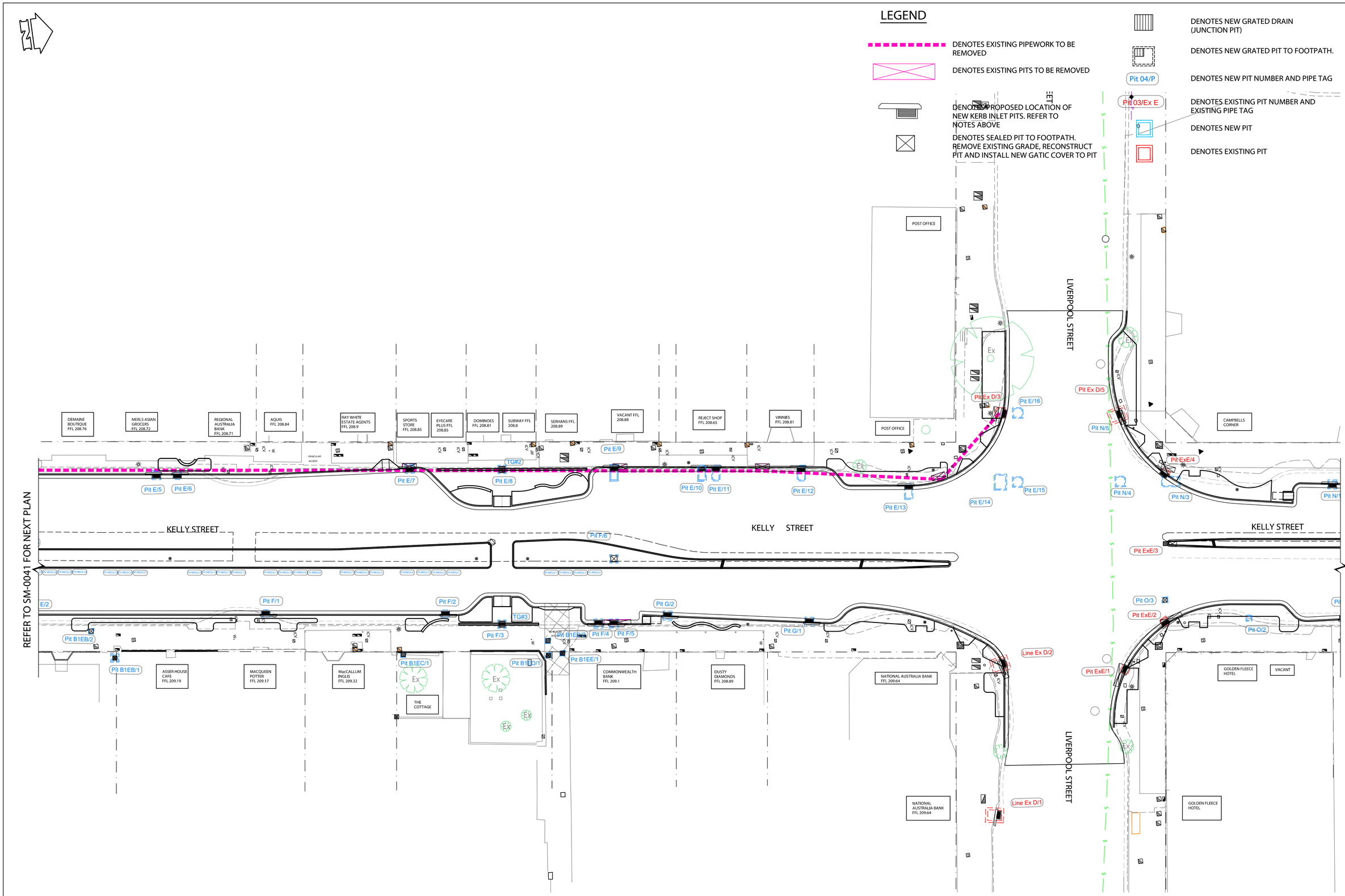
Designed	BH
Drawn	CA
Datum	NIL
Date	JUNE 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0041 01

A1 SHEET

LEGEND

- DENOTES EXISTING PIPEWORK TO BE REMOVED
- DENOTES EXISTING PITS TO BE REMOVED
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- DENOTES SEALED PIT TO FOOTPATH. REMOVE EXISTING GRADE, RECONSTRUCT PIT AND INSTALL NEW GATIC COVER TO PIT
- DENOTES NEW GRATED DRAIN (JUNCTION PIT)
- DENOTES NEW GRATED PIT TO FOOTPATH.
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES NEW PIT
- DENOTES EXISTING PIT



REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	20/06/2023	CA				

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ABN 82 153 018 800

18-130 - PART 7 STORMWATER DEMOLTION PLAN BLOCK 1 - SHEET 2

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

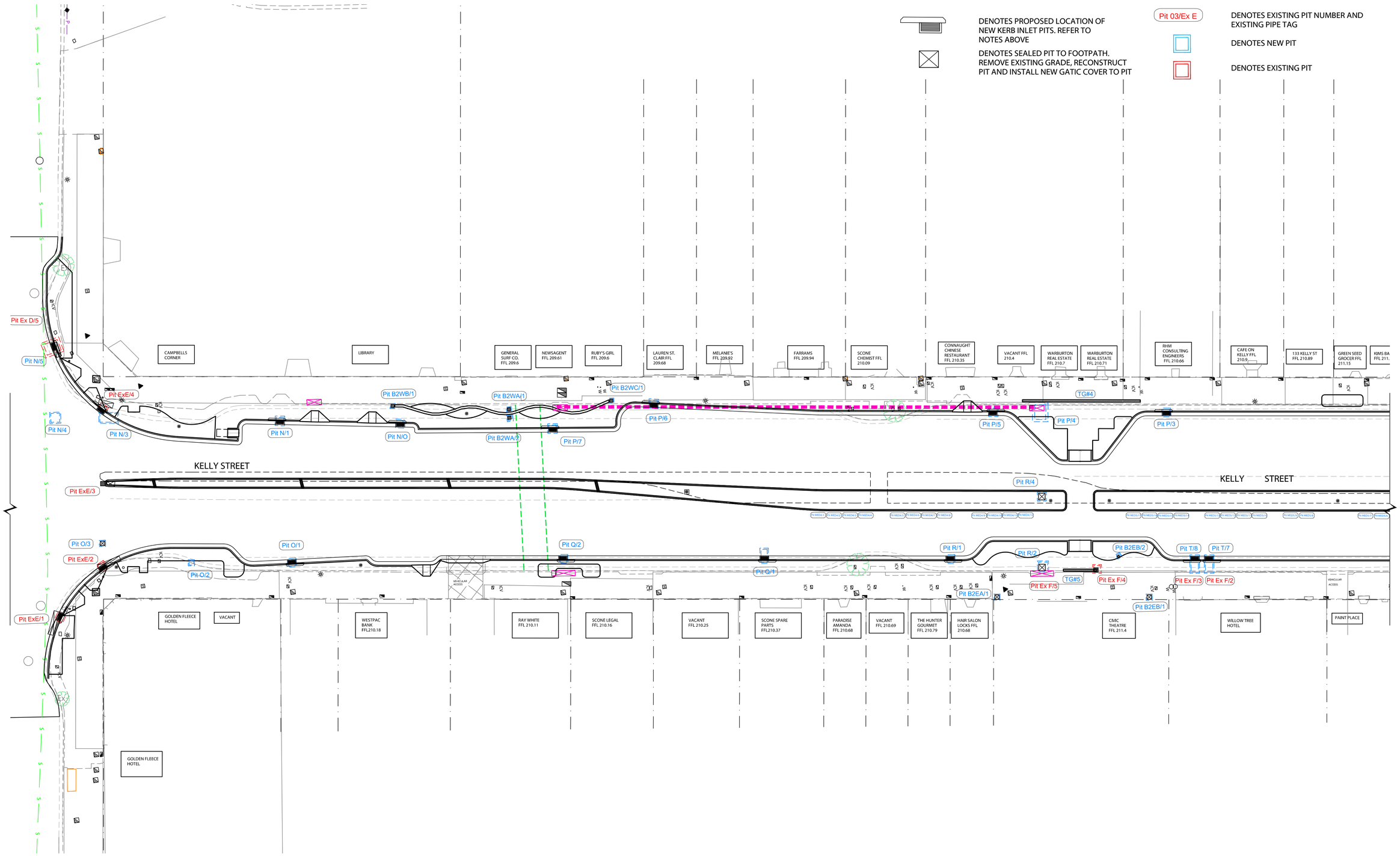
CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	JUNE 23	CONS- SM-0042 01

A1 SHEET

LEGEND

- DENOTES EXISTING PIPEWORK TO BE REMOVED
- DENOTES EXISTING PITS TO BE REMOVED
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- DENOTES SEALED PIT TO FOOTPATH. REMOVE EXISTING GRADE, RECONSTRUCT PIT AND INSTALL NEW GATIC COVER TO PIT
- DENOTES NEW GRATED DRAIN (JUNCTION PIT)
- DENOTES NEW GRATED PIT TO FOOTPATH.
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES NEW PIT
- DENOTES EXISTING PIT



REFER TO SM-0052 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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ABN 82 153 018 800

18-130 - PART 7 STORMWATER DEMOLTION PLAN BLOCK 2 - SHEET 1

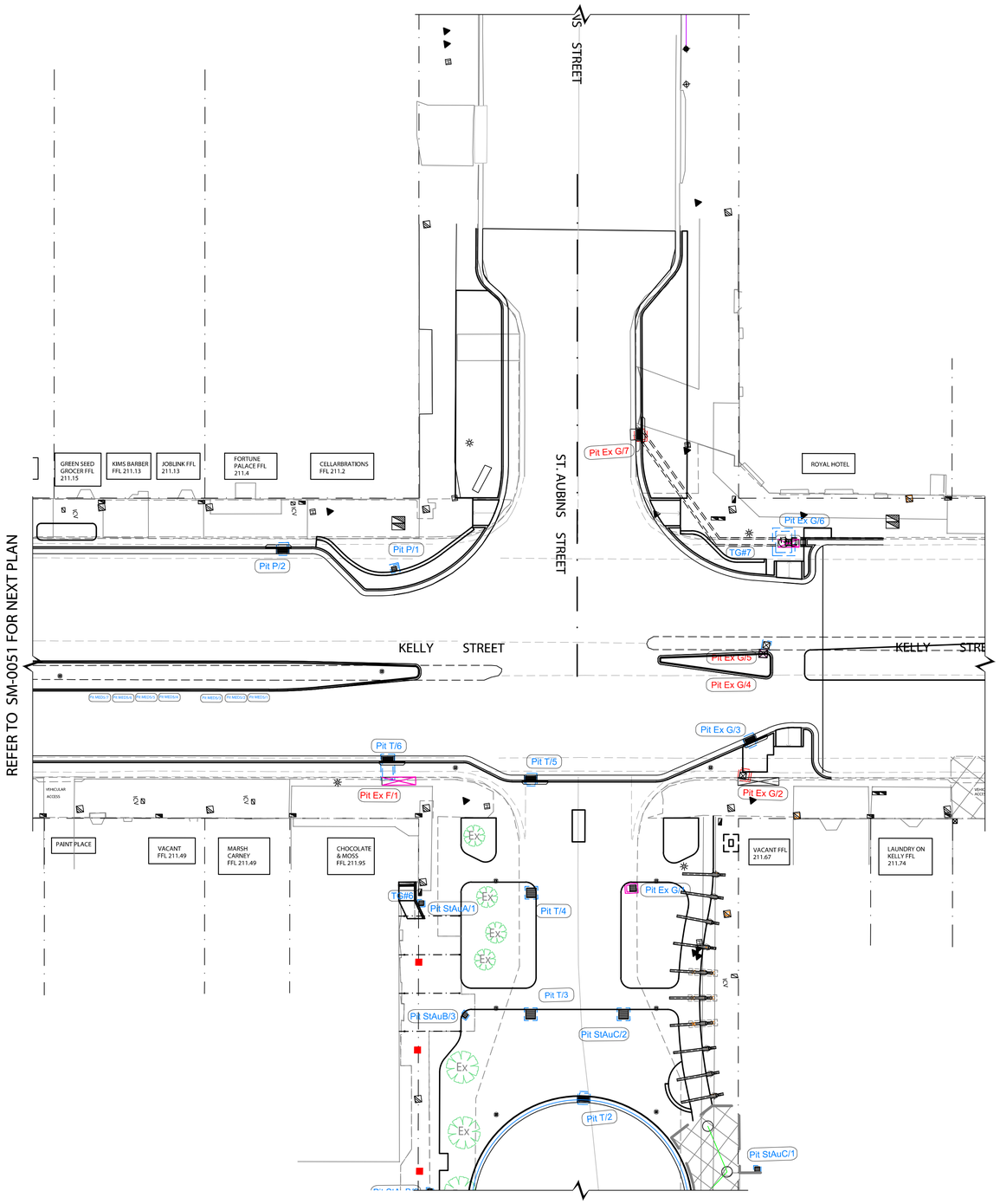
Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	MAY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0051 02

A1 SHEET



LEGEND

- DENOTES EXISTING PIPEWORK TO BE REMOVED
- DENOTES EXISTING PITS TO BE REMOVED
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- DENOTES SEALED PIT TO FOOTPATH. REMOVE EXISTING GRADE, RECONSTRUCT PIT AND INSTALL NEW GATIC COVER TO PIT
- DENOTES NEW GRATED DRAIN (JUNCTION PIT)
- DENOTES NEW GRATED PIT TO FOOTPATH.
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES NEW PIT
- DENOTES EXISTING PIT

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

18-130 - PART 7
STORMWATER
DEMOLTION PLAN
BLOCK 2 - SHEET 2

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	MAY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0052 02

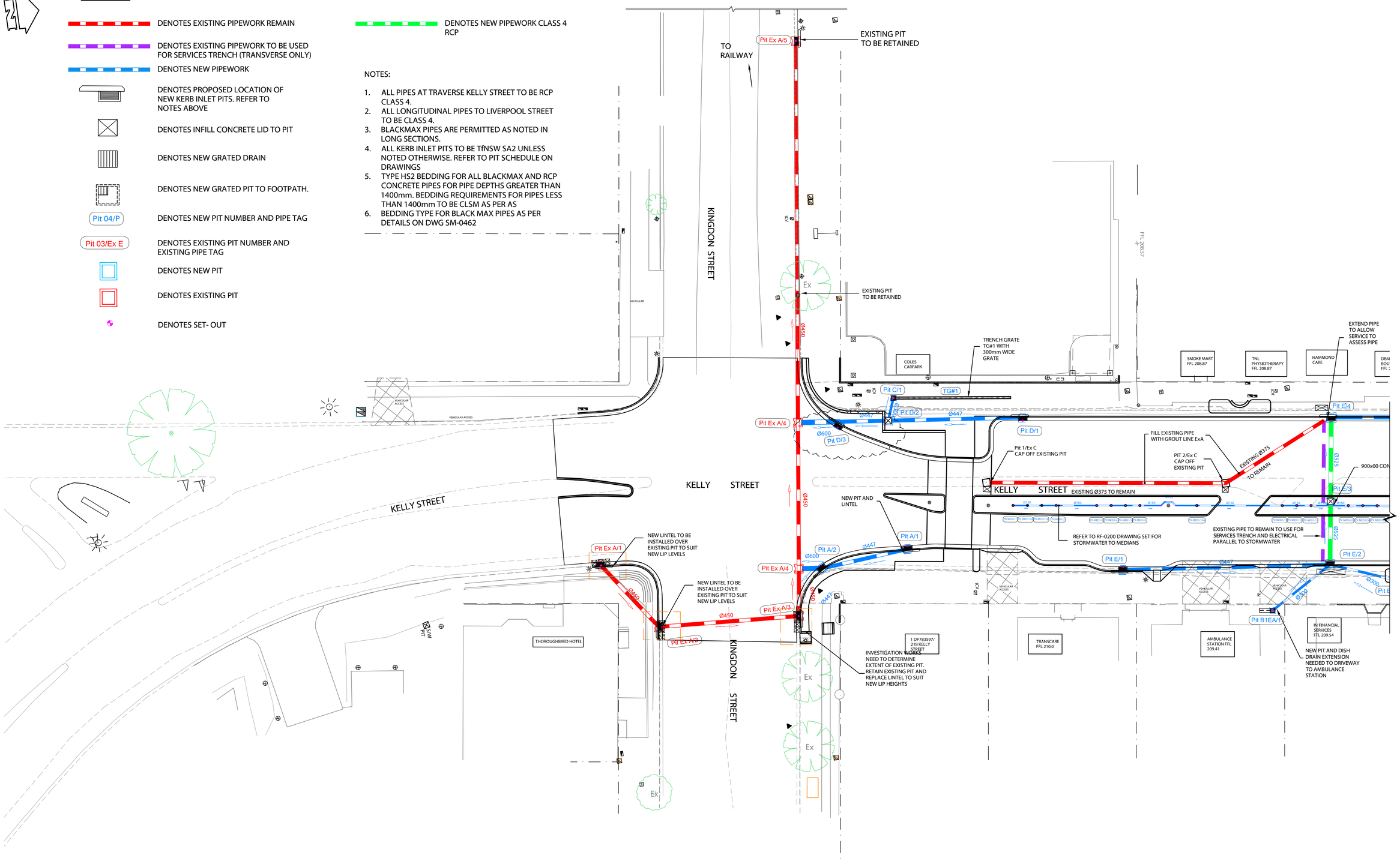
A1 SHEET

LEGEND

- DENOTES EXISTING PIPEWORK REMAIN
- DENOTES EXISTING PIPEWORK TO BE USED FOR SERVICES TRENCH (TRANSVERSE ONLY)
- DENOTES NEW PIPEWORK
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW GRATED DRAIN
- DENOTES NEW GRATED PIT TO FOOTPATH.
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES NEW PIT
- DENOTES EXISTING PIT
- DENOTES SET- OUT
- DENOTES NEW PIPEWORK CLASS 4 RCP

NOTES:

1. ALL PIPES AT TRAVERSE KELLY STREET TO BE RCP CLASS 4.
2. ALL LONGITUDINAL PIPES TO LIVERPOOL STREET TO BE CLASS 4.
3. BLACKMAX PIPES ARE PERMITTED AS NOTED IN LONG SECTIONS.
4. ALL KERB INLET PITS TO BE TfNSW SA2 UNLESS NOTED OTHERWISE. REFER TO PIT SCHEDULE ON DRAWINGS
5. TYPE HS2 BEDDING FOR ALL BLACKMAX AND RCP CONCRETE PIPES FOR PIPE DEPTHS GREATER THAN 1400mm. BEDDING REQUIREMENTS FOR PIPES LESS THAN 1400mm TO BE CLSM AS PER AS
6. BEDDING TYPE FOR BLACK MAX PIPES AS PER DETAILS ON DWG SM-0462



REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
03	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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ABN 82 153 018 800

18-130 - PART 7
STORMWATER MANAGEMENT PLAN
BLOCK 1 - SHEET 1

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0101 04

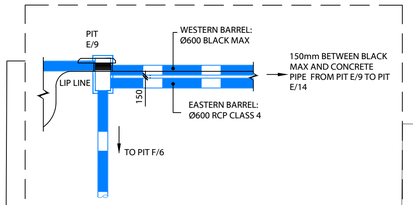
A1 SHEET

LEGEND

- DENOTES EXISTING PIPEWORK REMAIN
- DENOTES EXISTING PIPEWORK TO BE USED FOR SERVICES TRENCH (TRANSVERSE ONLY)
- DENOTES NEW PIPEWORK
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW GRATED DRAIN
- DENOTES NEW GRATED PIT TO FOOTPATH.
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES NEW PIT
- DENOTES EXISTING PIT
- DENOTES SET- OUT
- DENOTES NEW PIPEWORK CLASS 4 RCP

NOTES:

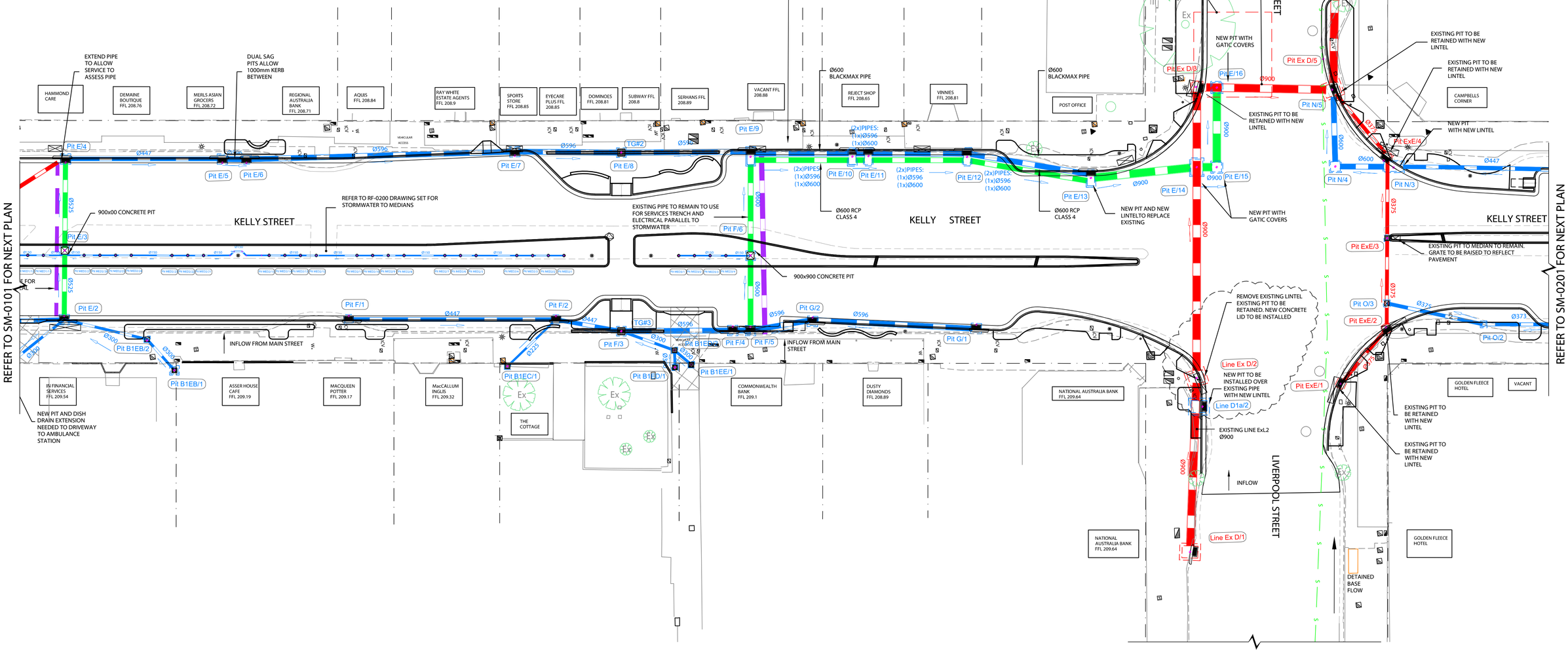
1. ALL PIPES AT TRAVERSE KELLY STREET TO BE RCP CLASS 4.
2. ALL LONGITUDINAL PIPES TO LIVERPOOL STREET TO BE CLASS 4.
3. BLACKMAX PIPES ARE PERMITTED AS NOTED IN LONG SECTIONS.
4. ALL KERB INLET PITS TO BE TfNSW SA2 UNLESS NOTED OTHERWISE. REFER TO PIT SCHEDULE ON DRAWINGS
5. TYPE HS2 BEDDING FOR ALL BLACKMAX AND RCP CONCRETE PIPES FOR PIPE DEPTHS GREATER THAN 1400mm. BEDDING REQUIREMENTS FOR PIPES LESS THAN 1400mm TO BE CLSM AS PER AS
6. BEDDING TYPE FOR BLACK MAX PIPES AS PER DETAILS ON DWG SM-0462



PIT E/9 TO PIT E/14 PIPE LOCATION DETAIL

SCALE: N.T.S

NOTE: LONG SECTION TO BARRELS DIFFERENT TO AVOID EXISTING LIGHT FOOTING. REFER TO LINE 'E' LONG SECTION.



REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
05	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
04	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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SCONE NSW 2337

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ABN 82 153 018 800

18-130 - PART 7
STORMWATER MANAGEMENT PLAN
BLOCK 1 - SHEET 2

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- SM-0102	05

A1 SHEET

NOTES:

1. ALL PIPES AT TRAVERSE KELLY STREET TO BE RCP CLASS 4.
2. ALL LONGITUDINAL PIPES TO LIVERPOOL STREET TO BE CLASS 4.
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6. BEDDING TYPE FOR BLACK MAX PIPES AS PER DETAILS ON DWG SM-0462

LEGEND

- DENOTES EXISTING PIPEWORK REMAIN
- DENOTES EXISTING PIPEWORK TO BE USED FOR SERVICES TRENCH (TRANSVERSE ONLY)
- DENOTES NEW PIPEWORK
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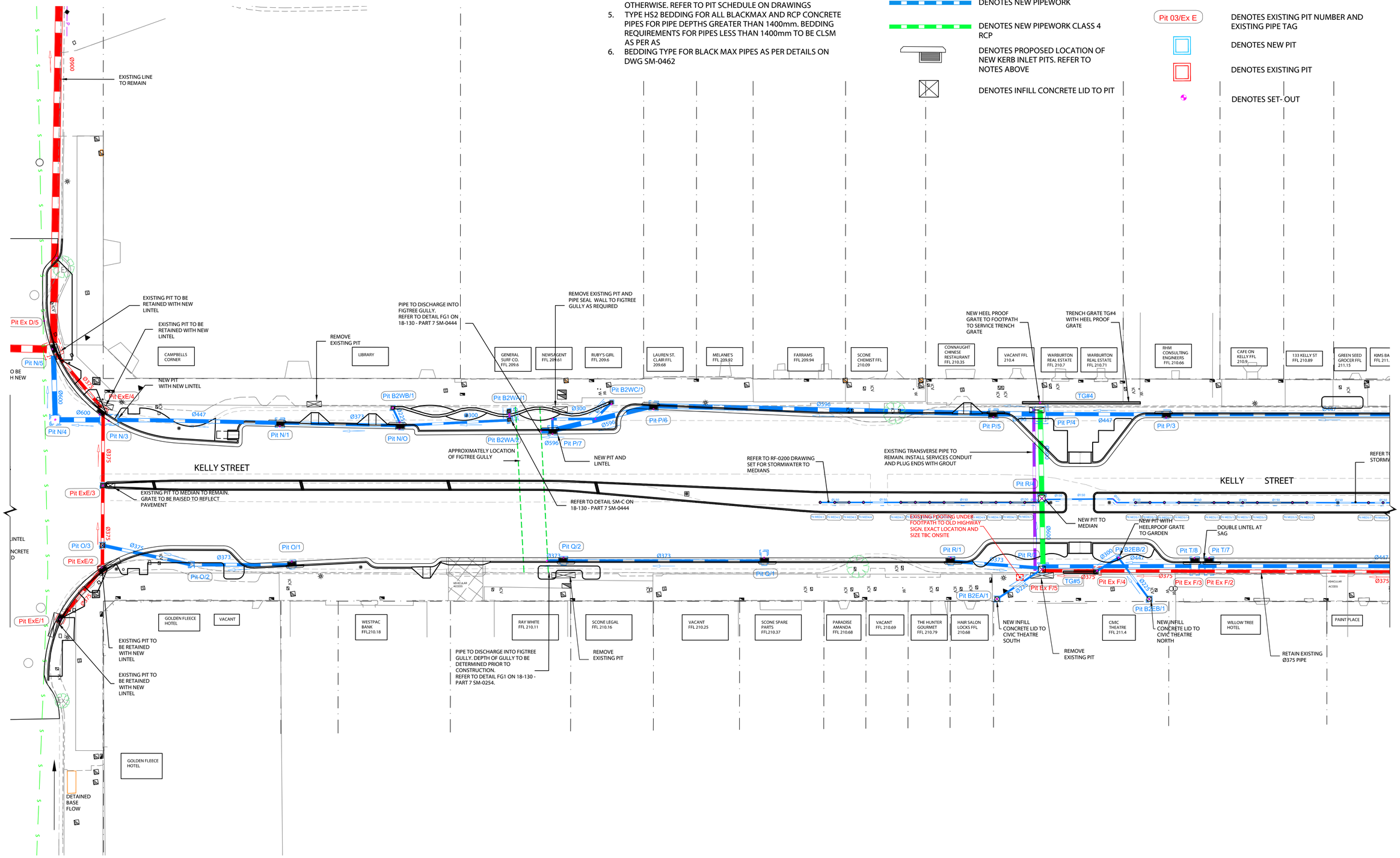
- DENOTES NEW PIT
- DENOTES EXISTING PIT
- DENOTES SET- OUT



REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	28/07/2023	CA
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
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A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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ABN 82 153 018 800

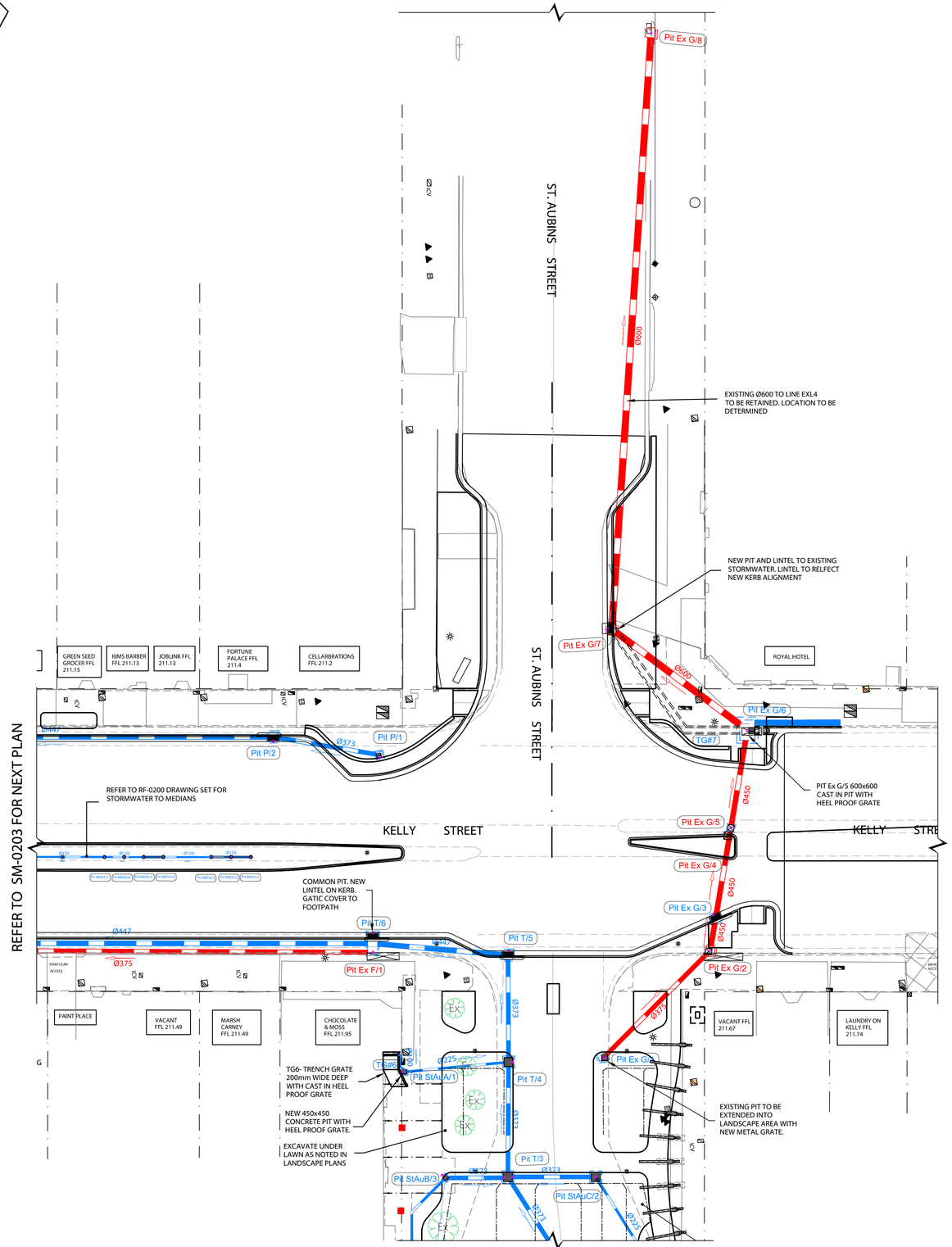
18-130 - PART 7
STORMWATER MANAGEMENT PLAN
BLOCK 2 - SHEET 1

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- SM-0201	04

A1 SHEET



LEGEND

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- DENOTES SET- OUT

NOTES:

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6. BEDDING TYPE FOR BLACK MAX PIPES AS PER DETAILS ON DWG SM-0462

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A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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ABN 82 153 018 800

18-130 - PART 7
STORMWATER MANAGEMENT PLAN
BLOCK 2 - SHEET 2

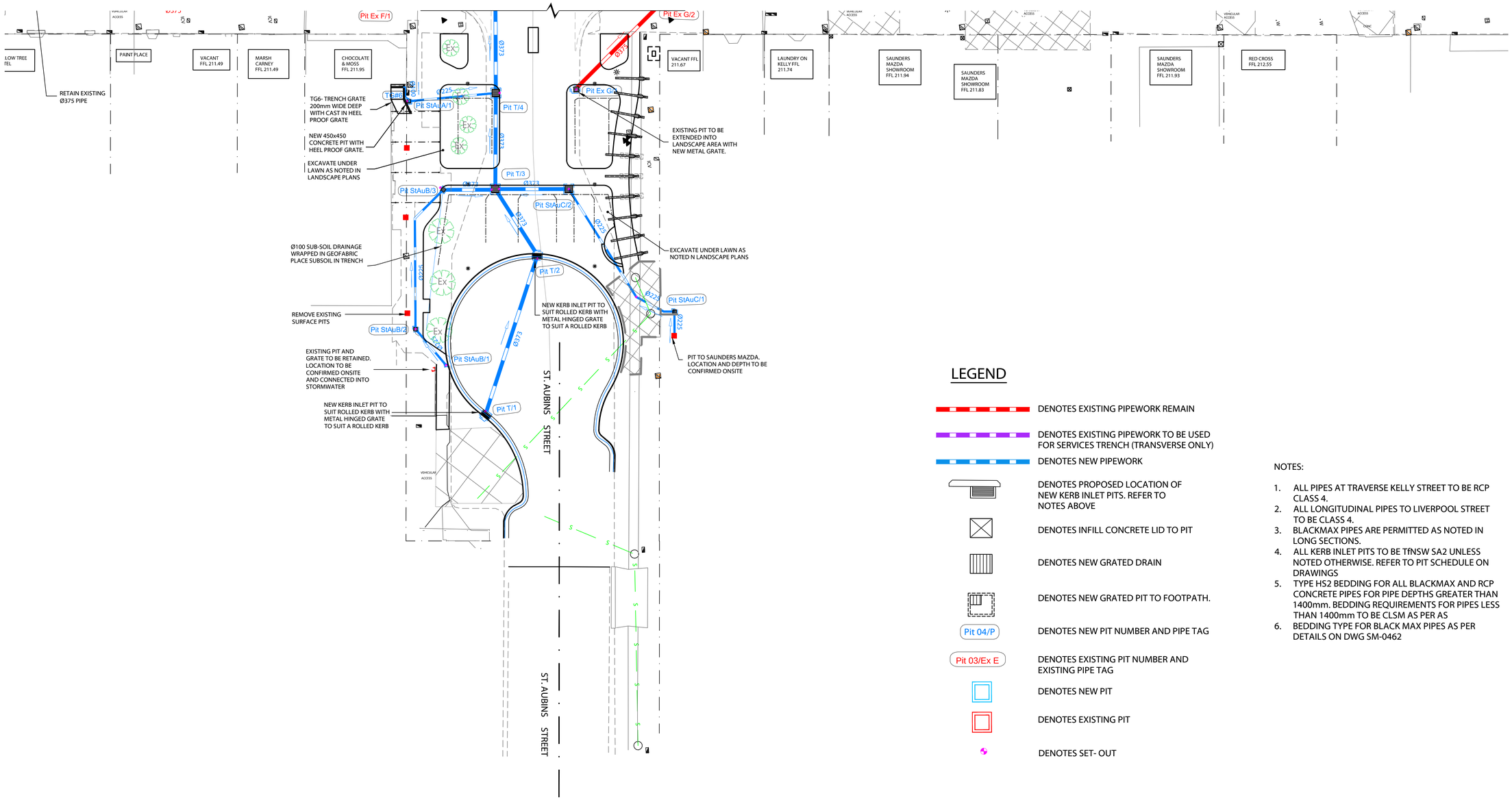
Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- SM-0202	04

A1 SHEET

REFER TO SM-0202 FOR NEXT PLAN



LEGEND

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REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
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A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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ABN 82 153 018 800

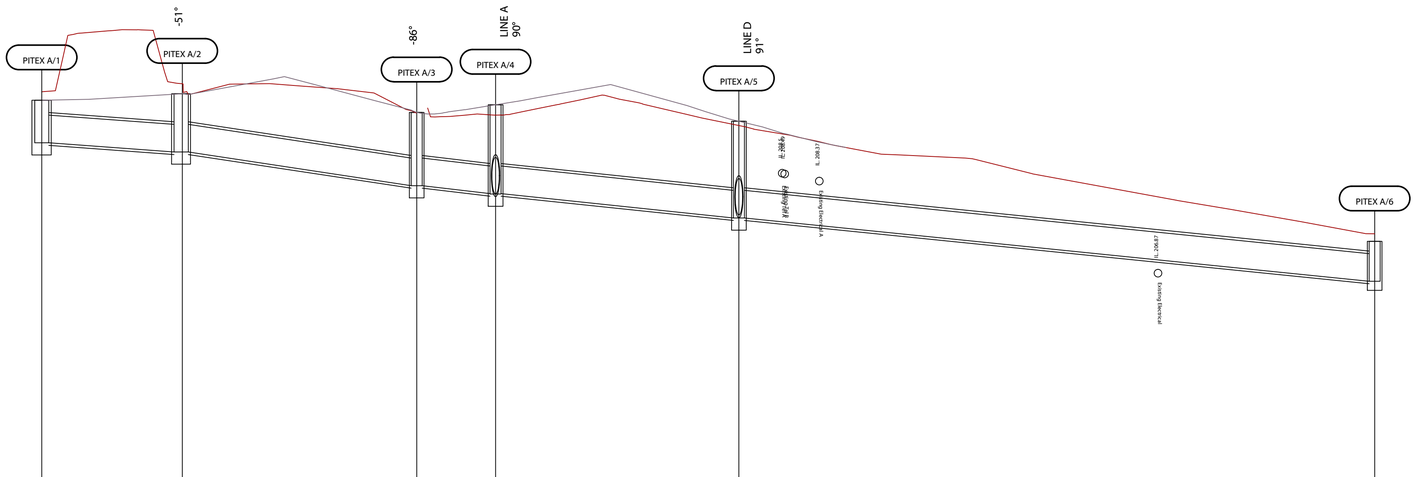
18-130 - PART 7
STORMWATER MANAGEMENT PLAN
BLOCK 2 - SHEET 3

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

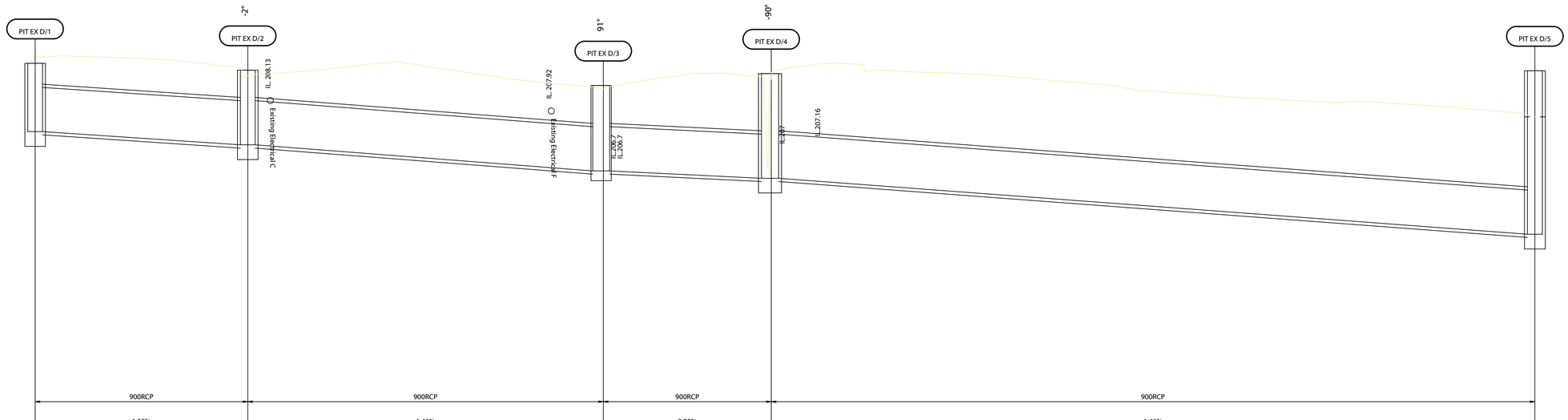
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JUNE 23	CONS- SM-0203	03

A1 SHEET


PITEX A/1
-51°
PITEX A/2
-86°
PITEX A/3
LINE A
90°
PITEX A/4
LINE D
91°
PITEX A/5
PITEX A/6
existing kerb
existing concrete
existing footpath
IL 208.37
IL 208.83

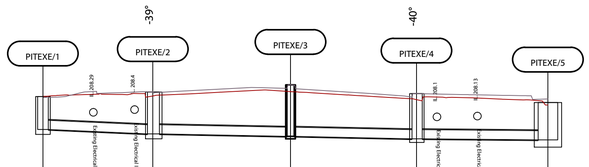
| | | |

A1 SHEET


PIT EX D/1
-2°
PIT EX D/2
91°
PIT EX D/3
-90°
PIT EX D/4
PIT EX D/5
IL 208.13
Existing Electricity C
IL 207.92
Existing Electricity P
IL 206.7
IL 207.16
IL 207

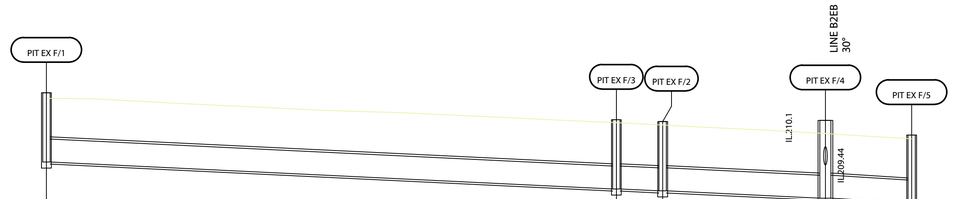
| | | |

A1 SHEET



PIPE SIZE (mm) & TYPE	375RCP	375RCP	375RCP	375RCP	
PIPE GRADE	2.01%	0.89%	0.97%	0.4%	
DATUM R.L 190.00					
DEPTH TO PIPE INVERT	1.34	1.71	2.1	1.85	1.52
DESIGN INVERT LEVEL	207.59 207.41	207.41 207.31	207.31 207.21	207.21 207.17	207.17
DESIGN SURFACE LEVEL	208.9	209.12	209.41	209.06	208.84
EXISTING SURFACE LEVEL	208.94	208.95	209.14	208.8	208.59
CHAINAGE ALONG PIPE CENTRELINE	0	8.97	20.21	30.49	41.22

STORMWATER LONGSECTION - LINE ExE



PIPE SIZE (mm) & TYPE	375RCP	375RCP	375RCP	375RCP	
PIPE GRADE	0.95%	0.79%	0.9%	1.14%	
DATUM R.L 203.00					
DEPTH TO PIPE INVERT	1.13	1.13	1.13	1.27	1.11
DESIGN INVERT LEVEL	210.03 209.59	209.59 209.56	209.56 209.44	209.44 209.36	209.36
DESIGN SURFACE LEVEL	211.36	210.92	210.9	210.71	210.68
EXISTING SURFACE LEVEL	211.07	210.67	210.63	210.49	210.41
CHAINAGE ALONG PIPE CENTRELINE	0	46.52	50.3	63.58	70.62

STORMWATER LONGSECTION - LINE Ex F

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA

UPPER HUNTER SHIRE COUNCIL
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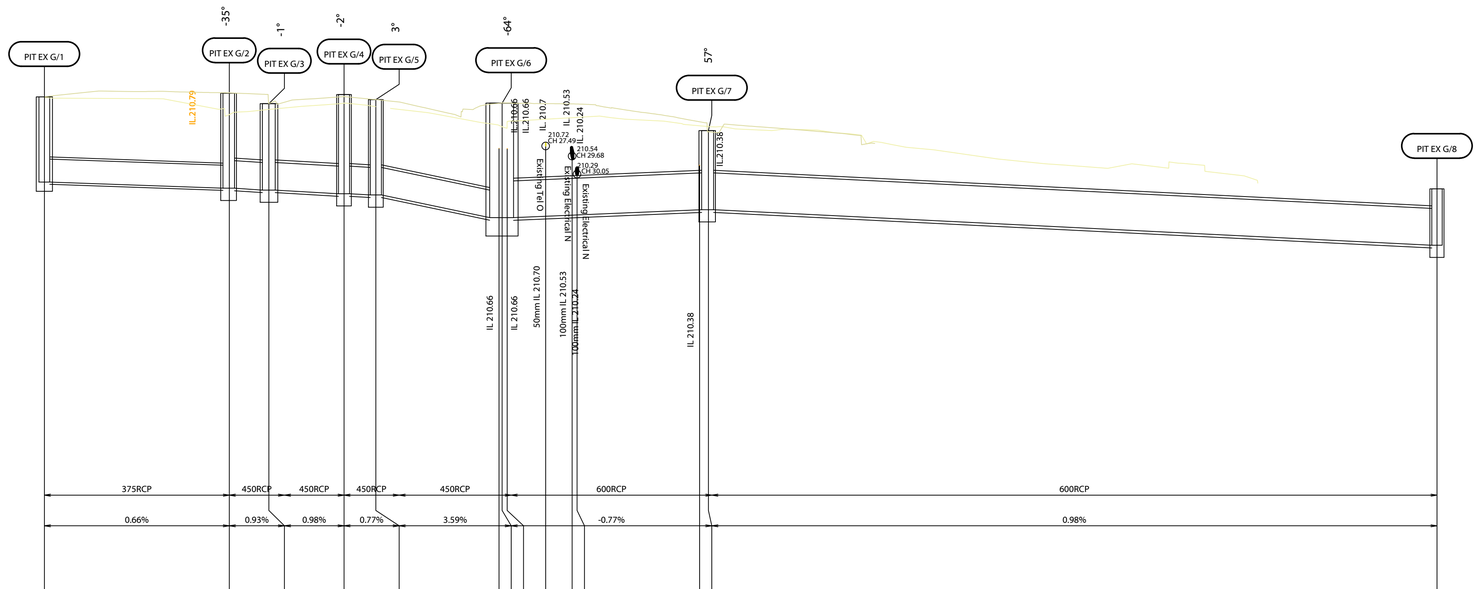
18-130 - PART 7
EXISTING PIPE
LONG SECTIONS
SHEET 3

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

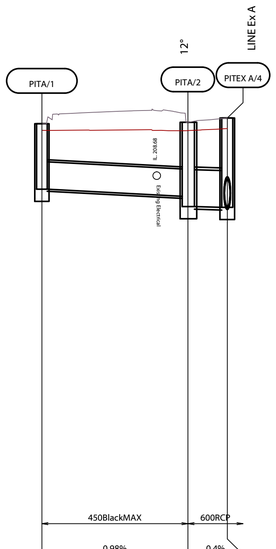
Designed BH	Approved on behalf of RHM Consulting Engineers
Drawn CA	Project Engineer/Director Date
Datum NIL	Drawing No: Rev
Date JULY 23	CONS- SM-0413 02

A1 SHEET


-35°
-1°
-2°
3°
-64°
57°
PIT EX G/1
PIT EX G/2
PIT EX G/3
PIT EX G/4
PIT EX G/5
PIT EX G/6
PIT EX G/7
PIT EX G/8
IL 210.79
IL 210.66
IL 210.66
IL 210.7
IL 210.53
IL 210.24
210.72
CH 27.49
210.54
CH 29.68
210.29
CH 30.05
IL 210.38
Existing Pit
Existing Pipe
Existing Pipe
Existing Pipe
IL 210.66
IL 210.66
50mm IL 210.70
100mm IL 210.53
100mm IL 210.24
IL 210.38

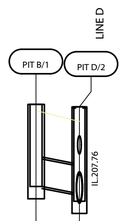
| | | |

A1 SHEET



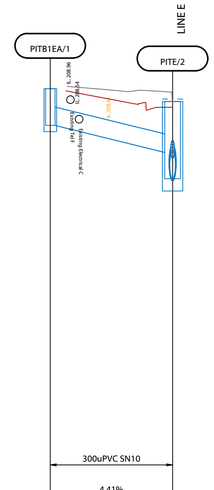
PIPE SIZE (mm) & TYPE		450BlackMAX			600RCP			
PIPE GRADE		0.98%			0.4%			
DATUM R.L 201.00								
DEPTH TO PIPE INVERT	1.07		1.21	1.37		1.46	1.46	1.45
DESIGN INVERT LEVEL	208.46		208.34	208.18		208.16	208.16	208.17
DESIGN SURFACE LEVEL	209.53			209.55				209.62
EXISTING SURFACE LEVEL	209.42			209.42				209.45
CHAINAGE ALONG PIPE CENTRELINE	0			11.92				15.13

STORMWATER LONGSECTION - LINE A



PIPE SIZE (mm) & TYPE	450BlackMAX			
PIPE GRADE	2.82%			
DATUM R.L 201.00				
DEPTH TO PIPE INVERT	1.34		1.4	1.54
DESIGN INVERT LEVEL	208		207.9	207.76
DESIGN SURFACE LEVEL	209.35			209.3
EXISTING SURFACE LEVEL	209.24			209.06
CHAINAGE ALONG PIPE CENTRELINE	0			3.54

STORMWATER LONGSECTION - LINE B



PIPE SIZE (mm) & TYPE	300uPVC SN10			
PIPE GRADE	4.41%			
DATUM R.L 201.00				
DEPTH TO PIPE INVERT	0.6		0.83	1.26
DESIGN INVERT LEVEL	208.54		208.1	207.67
DESIGN SURFACE LEVEL	209.14			208.93
EXISTING SURFACE LEVEL	209.14			208.84
CHAINAGE ALONG PIPE CENTRELINE	0			9.98

STORMWATER LONGSECTION - LINE B1EA

REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	28/07/2023	CA
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ABN 82 153 018 800

18-130 - PART 7
NEW PIPE
LONG SECTIONS
SHEET 1

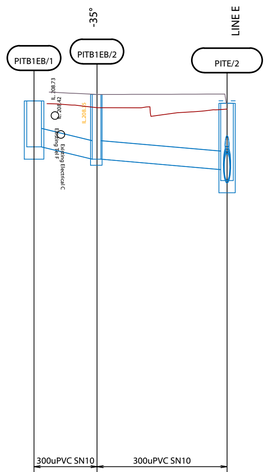
Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	JULY 23

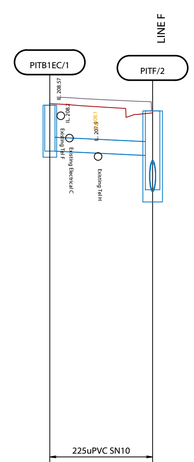
Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0421 03

A1 SHEET



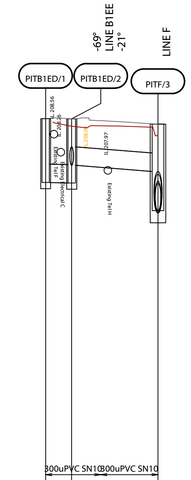
PIPE SIZE (mm) & TYPE				300uPVC SN10		300uPVC SN10			
PIPE GRADE				3.89%		1.6%			
DATUM R.L	201.00								
DEPTH TO PIPE INVERT			0.75		1.05		1.08		1.26
DESIGN INVERT LEVEL		208.22		208.02		207.85		207.67	
DESIGN SURFACE LEVEL		208.97		209.08				208.93	
EXISTING SURFACE LEVEL		208.97		208.86				208.84	
CHAINAGE ALONG PIPE CENTRELINE		0		5.14				15.75	

STORMWATER LONGSECTION - LINE B1EB



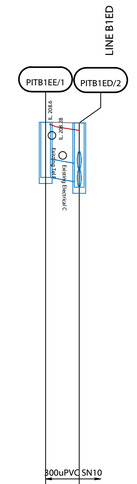
PIPE SIZE (mm) & TYPE				225uPVC SN10					
PIPE GRADE				0.83%					
DATUM R.L	201.00								
DEPTH TO PIPE INVERT			0.75				0.73		1.29
DESIGN INVERT LEVEL		207.99					207.92		207.36
DESIGN SURFACE LEVEL		208.74							208.65
EXISTING SURFACE LEVEL		208.77							208.61
CHAINAGE ALONG PIPE CENTRELINE		0							8.39

STORMWATER LONGSECTION - LINE B1EC



PIPE SIZE (mm) & TYPE				300uPVC SN10		300uPVC SN10			
PIPE GRADE				0.4%		1.42%			
DATUM R.L	201.00								
DEPTH TO PIPE INVERT			1.04	1.05	1.05	0.76	0.77		1.41
DESIGN INVERT LEVEL		207.77	207.76	207.76		208.05		207.95	207.31
DESIGN SURFACE LEVEL		208.81				208.81			208.72
EXISTING SURFACE LEVEL		208.81				208.69			208.54
CHAINAGE ALONG PIPE CENTRELINE		0				2.12			9.17

STORMWATER LONGSECTION - LINE B1ED



PIPE SIZE (mm) & TYPE				300uPVC SN10					
PIPE GRADE				2.55%					
DATUM R.L	201.00								
DEPTH TO PIPE INVERT			0.9	0.96	1.05				0.76
DESIGN INVERT LEVEL		207.92		207.85	207.76	207.76			208.05
DESIGN SURFACE LEVEL		208.82							208.81
EXISTING SURFACE LEVEL		208.82							208.69
CHAINAGE ALONG PIPE CENTRELINE		0							2.74

STORMWATER LONGSECTION - LINE B1EE

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

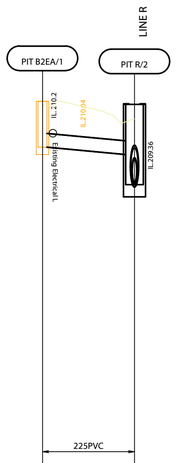
18-130 - PART 7
NEW PIPE
LONG SECTIONS
SHEET 2

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

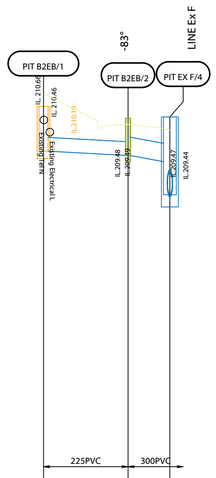
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- SM-0422 02	

A1 SHEET



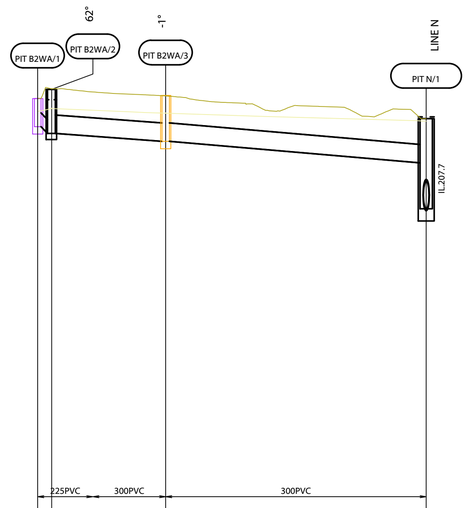
PIPE SIZE (mm) & TYPE		225PVC	
PIPE GRADE		1.6%	
DATUM R.L 203.00			
DEPTH TO PIPE INVERT	0.75	0.82	1.31
DESIGN INVERT LEVEL	209.97	209.85	209.36
DESIGN SURFACE LEVEL	210.72		210.67
EXISTING SURFACE LEVEL	210.66		210.43
CHAINAGE ALONG PIPE CENTRELINE	0		7.51

STORMWATER LONGSECTION - LINE B2EA1



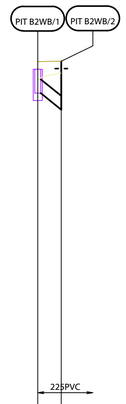
PIPE SIZE (mm) & TYPE		225PVC	300PVC	
PIPE GRADE		1.01%	2.93%	
DATUM R.L 203.00				
DEPTH TO PIPE INVERT	0.73		0.61	0.73	1.27
DESIGN INVERT LEVEL	210.15	210.08	210.08	209.98	209.44
DESIGN SURFACE LEVEL	210.88		210.7		210.71
EXISTING SURFACE LEVEL	211.1		210.59		210.49
CHAINAGE ALONG PIPE CENTRELINE	0		6.9		10.32

STORMWATER LONGSECTION - LINE B2EB



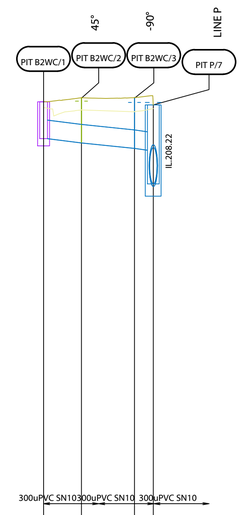
PIPE SIZE (mm) & TYPE	225PVC	300PVC	300PVC	
PIPE GRADE	9.68%	1.4%	1.65%	
DATUM R.L 201.00				
DEPTH TO PIPE INVERT	0.46	0.72	0.75	0.72	1.47
DESIGN INVERT LEVEL	209.04	208.93	208.93	208.8	208.45	207.7
DESIGN SURFACE LEVEL	209.5		209.66		209.54		209.17
EXISTING SURFACE LEVEL	209.29		209.34		209.26		209.13
CHAINAGE ALONG PIPE CENTRELINE	0		1.14		10.44		31.71

STORMWATER LONGSECTION - LINE B2WA



PIPE SIZE (mm) & TYPE		225PVC	
PIPE GRADE		14.06%	
DATUM R.L 202.00			
DEPTH TO PIPE INVERT	0.51		0.79
DESIGN INVERT LEVEL	208.89	208.62	208.62
DESIGN SURFACE LEVEL	209.4		209.41
EXISTING SURFACE LEVEL	209.1		209.22
CHAINAGE ALONG PIPE CENTRELINE	0		1.92

STORMWATER LONGSECTION - LINE B2WB



PIPE SIZE (mm) & TYPE		300uPVC SN10	300uPVC SN10	300uPVC SN10
PIPE GRADE		2.26%	2.08%	1.95%
DATUM R.L 201.00				
DEPTH TO PIPE INVERT	0.6		0.73	0.82	0.74	1.29
DESIGN INVERT LEVEL	208.96	208.89	208.89	208.8	208.8	208.77	208.22
DESIGN SURFACE LEVEL	209.57		209.63		209.63		209.51
EXISTING SURFACE LEVEL	209.47		209.43		209.4		209.45
CHAINAGE ALONG PIPE CENTRELINE	0		3.09		7.42		8.96

STORMWATER LONGSECTION - LINE B2WC

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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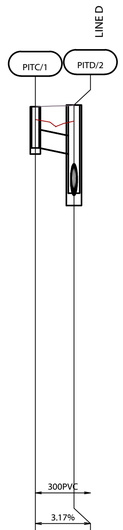
18-130 - PART 7
NEW PIPE
LONG SECTIONS
SHEET 3

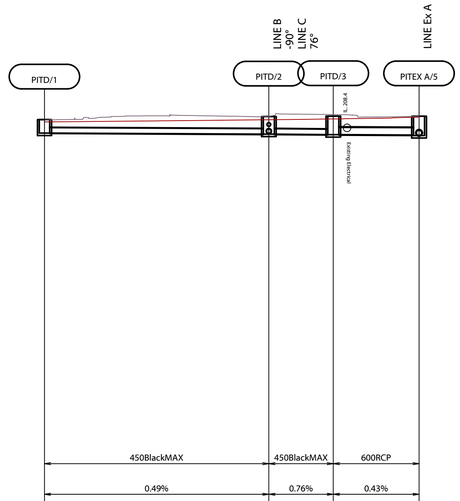
Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- SM-0423 01	

A1 SHEET





PIPE SIZE (mm) & TYPE	300PVC	
PIPE GRADE	3.17%	
DATUM R.L 201.00		
DEPTH TO PIPE INVERT	0.67	0.8
DESIGN INVERT LEVEL	208.63	208.53
DESIGN SURFACE LEVEL	209.3	
EXISTING SURFACE LEVEL	209.09	
CHAINAGE ALONG PIPE CENTRELINE	0	

1.44				
207.89				
209.33				
209.07				
3.15				

STORMWATER LONGSECTION - LINE C

PIPE SIZE (mm) & TYPE	450BlackMAX		450BlackMAX	600RCP
PIPE GRADE	0.49%		0.76%	0.43%
DATUM R.L 171.00				
DEPTH TO PIPE INVERT	1.1		1.44	1.51	1.53
DESIGN INVERT LEVEL	207.98	207.89	207.89	207.85	207.82
DESIGN SURFACE LEVEL	209.05		209.33	209.49	
EXISTING SURFACE LEVEL	208.89		209.07	209.13	
CHAINAGE ALONG PIPE CENTRELINE	0		18.31	23.57	

1.58			
207.77			
209.35			
209.28			
30.57			

STORMWATER LONGSECTION - LINE D

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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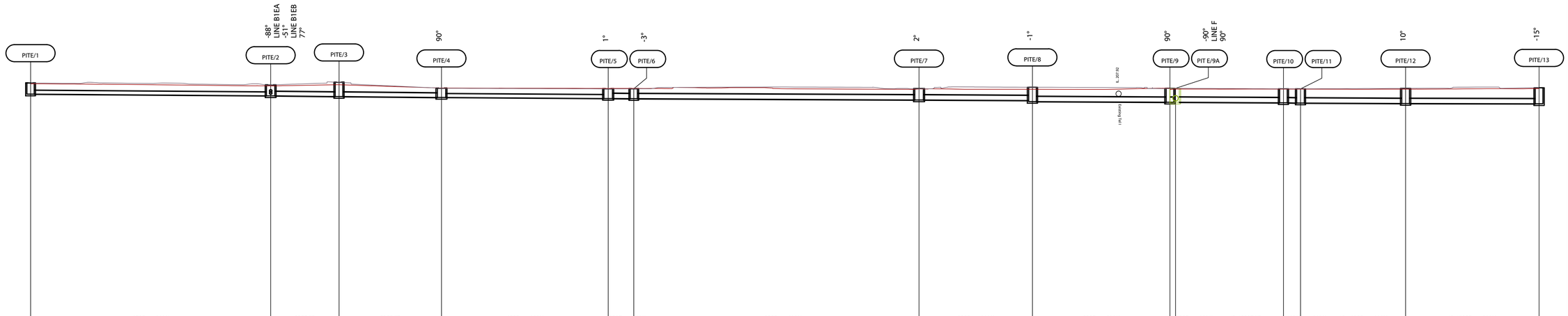
18-130 - PART 7
NEW PIPE
LONG SECTIONS
SHEET 4

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- SM-0424 02	

A1 SHEET



PIPE SIZE (mm) & TYPE		450BlackMAX		525RCP		525RCP		450BlackMAX		600BlackMAX		600BlackMAX		600BlackMAX		600BlackMAX		(2x)600BlackMAX		(2x)600RCP		(2x)600BlackMAX		(2x)600BlackMAX		(2x)600BlackMAX	
PIPE GRADE		0.71%		1%		0.92%		0.61%		0.67%		0.45%		0.53%		0.5%		-0.01%		0.47%		1.5%		0.49%		0.19%	
DATUM R.L 171.00																									
DEPTH TO PIPE INVERT	1.3		1.26		1.66		1.08		1.13	1.16			1.34		1.56	1.68		1.63	1.63		1.63	1.66		1.78		1.88
DESIGN INVERT LEVEL	207.87		207.67	207.67		207.59	207.59		207.48	207.48			207.36	207.36		207.34	207.34		207.19	207.19		207.12	207		206.92	206.92		206.92	206.92		206.86	206.86		206.83	206.83		206.77	206.77		206.74
DESIGN SURFACE LEVEL	209.17		208.93		209.25		208.56		208.49	208.5			208.5		208.68			208.52	208.56		208.5	208.5		208.55		208.62	
EXISTING SURFACE LEVEL	209.09		208.84		208.97		208.58		208.54	208.54			208.47		208.44			208.56	208.47		208.46	208.45		208.46		208.52	
CHAINAGE ALONG PIPE CENTRELINE	0		28.14		36.14		48.15		67.68	70.68			104.1		117.39			133.5	134.15		146.8	148.8		161.11		176.76	

STORMWATER LONGSECTION - LINE E

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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18-130 - PART 7
NEW PIPE
LONG SECTIONS
SHEET 5

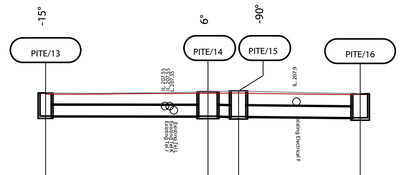
Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

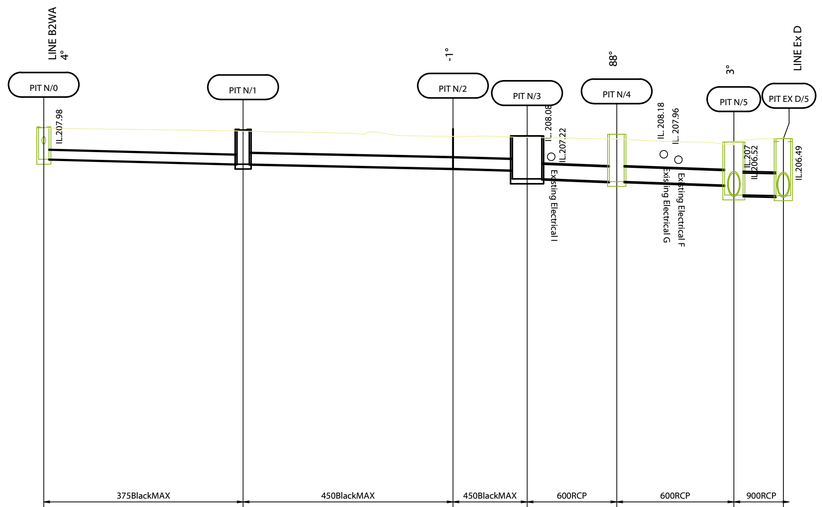
Designed	BH
Drawn	CA
Datum	NIL
Date	JULY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0425 03

A1 SHEET

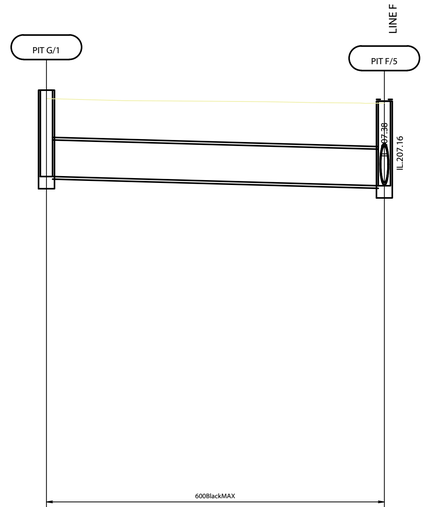

-15°
6°
-90°
PITE/13
PITE/14
PITE/15
PITE/16
IL 207.53
IL 207.53
IL 207.53

A1 SHEET



PIPE SIZE (mm) & TYPE	375BlackMAX	450BlackMAX	450BlackMAX	600RCP	600RCP	900RCP
PIPE GRADE	1.23%	1.05%	1.16%	1.5%	1.57%	0.74%
DATUM R.L 189.00						
DEPTH TO PIPE INVERT	1.29	1.39	1.63 1.4	1.75	1.93 1.76	2.16 2.33
DESIGN INVERT LEVEL	207.98 207.78	207.78 207.6	207.6 207.53	207.18 207.07	207.07 206.92	206.52 206.49 206.49
DESIGN SURFACE LEVEL	209.27	209.17	209.24	208.94	208.89	208.69 208.83
EXISTING SURFACE LEVEL	209.25	209.13	208.92	208.87	208.8	208.56 208.85
CHAINAGE ALONG PIPE CENTRELINE	-16.27	-0	17.13	23.18	30.5	40.05 44.09

STORMWATER LONGSECTION - LINE N



PIPE SIZE (mm) & TYPE	600BlackMAX		
PIPE GRADE	0.54%		
DATUM R.L 200.00			
DEPTH TO PIPE INVERT	1.41	1.38 1.38	1.33
DESIGN INVERT LEVEL	207.31	207.16 207.16	207.21
DESIGN SURFACE LEVEL	208.74		208.54
EXISTING SURFACE LEVEL	208.58		208.51
CHAINAGE ALONG PIPE CENTRELINE	0		27.58

STORMWATER LONGSECTION - LINE G

REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA

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ABN 82 153 018 800

18-130 - PART 7
NEW PIPE
LONG SECTIONS
SHEET 7

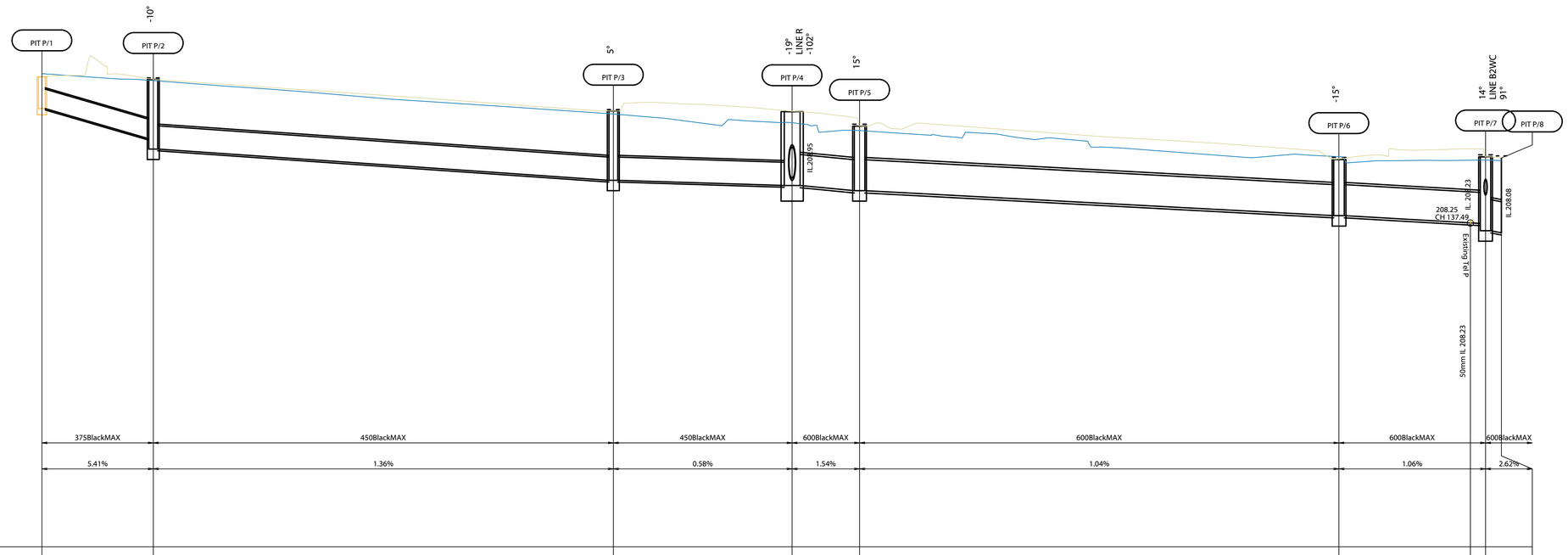
Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	JUNE 23

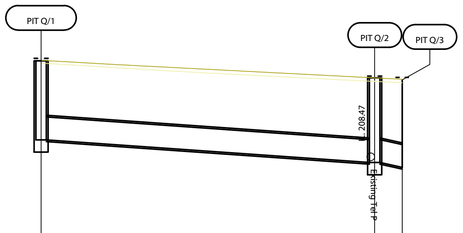
Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0427 03

A1 SHEET


PIT P/1
-10°
PIT P/2
5°
PIT P/3
-19°
LINE R
-102°
PIT P/4
15°
PIT P/5
-15°
PIT P/6
14°
LINE B2VC
91°
PIT P/7
PIT P/8
IL 209.95
208.25
CH 137.49
IL 208.223
IL 208.08
Existing
50mm IL 208.23

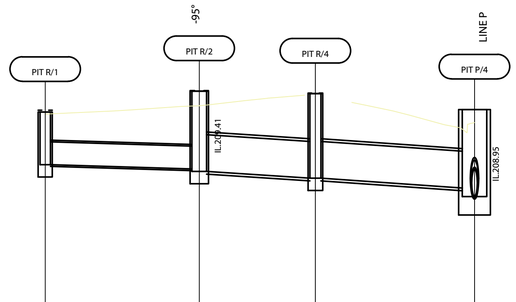
| | | |

A1 SHEET



PIPE SIZE (mm) & TYPE	375BlackMAX	375BlackMAX	
PIPE GRADE	1.36%	3.56%	
DATUM R.L 202.00			
DEPTH TO PIPE INVERT	1.29	1.38	1.43
DESIGN INVERT LEVEL	208.75 / 208.38	208.38 / 208.3	208.3
DESIGN SURFACE LEVEL	210.05	209.76	209.74
EXISTING SURFACE LEVEL	210	209.7	209.68
CHAINAGE ALONG PIPE CENTRELINE	0	27.23	29.47

STORMWATER LONGSECTION - LINE Q



PIPE SIZE (mm) & TYPE	375BlackMAX	600RCP	600RCP	
PIPE GRADE	0.56%	1.16%	1.23%	
DATUM R.L 202.00				
DEPTH TO PIPE INVERT	0.86 / 1.27	1.31	1.38 / 1.28	1.42
DESIGN INVERT LEVEL	209.47 / 209.4	209.36 / 209.25	209.25 / 209.09	208.95
DESIGN SURFACE LEVEL	210.33	210.67	210.63	210.38
EXISTING SURFACE LEVEL	210.3	210.43	210.63	210.16
CHAINAGE ALONG PIPE CENTRELINE	0	12.57	22.05	35.04

STORMWATER LONGSECTION - LINE R

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337
Telephone: (02) 6540 1100
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Email: council@upperhunter.nsw.gov.au

KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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www.rhmce.com.au
ABN 82 153 018 800

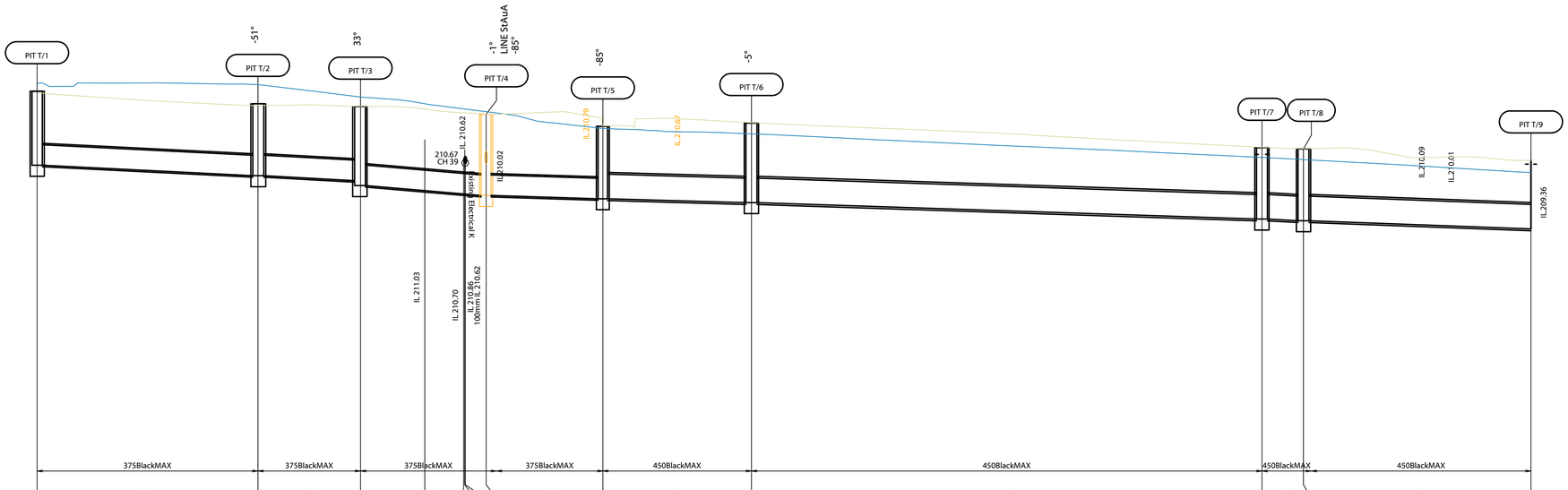
18-130 - PART 7
NEW PIPE
LONG SECTIONS
SHEET 9

Scale
Horizontal:
0 2.5 5 7.5 10 12.5
SCALE 1:250 (A1)

CIVIL DRAWING

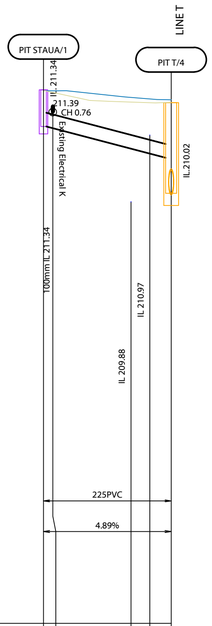
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- SM-0429	01

A1 SHEET


PIT T/1
PIT T/2
PIT T/3
PIT T/4
PIT T/5
PIT T/6
PIT T/7
PIT T/8
PIT T/9
-51°
33°
-1°
-85°
-85°
-5°
LINE StAuA
IL 210.62
210.67
CH 39
IL 210.02
IL 210.79
IL 210.67
IL 210.09
IL 210.01
IL209.36
Existing Electricall K
IL 211.03
IL 210.70
IL 210.86
100mm IL 210.62

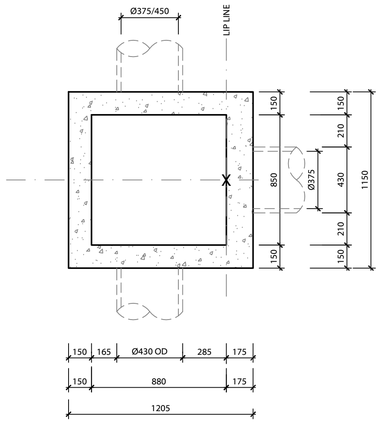
| | | |

A1 SHEET


PIT STAUA/1
LINE T
PIT T/4
IL 211.34
211.39
CH 0.76
Existing Electrical
IL 210.02
100mm IL 211.34
IL 210.97
IL 209.88

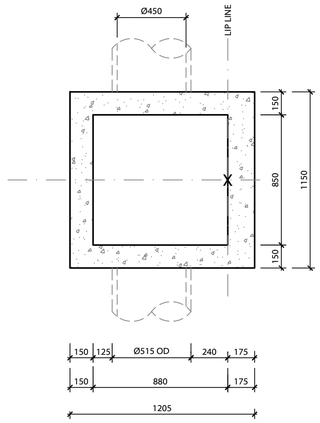
| | | |

A1 SHEET



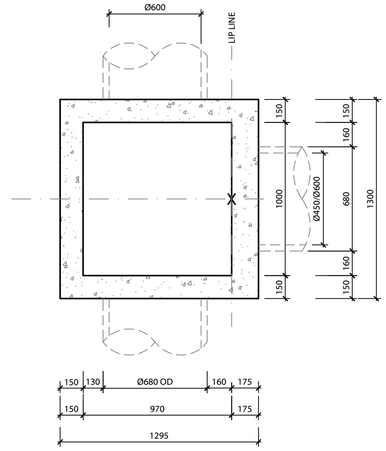
TYPE #1 - STORMWATER PIT

SCALE: 1:20 (A1)



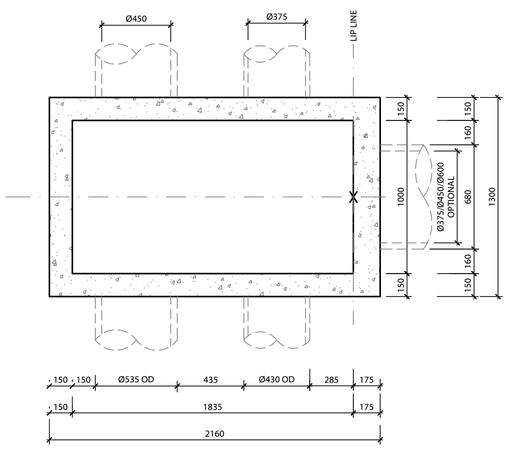
TYPE #1 - STORMWATER PIT

SCALE: 1:20 (A1)



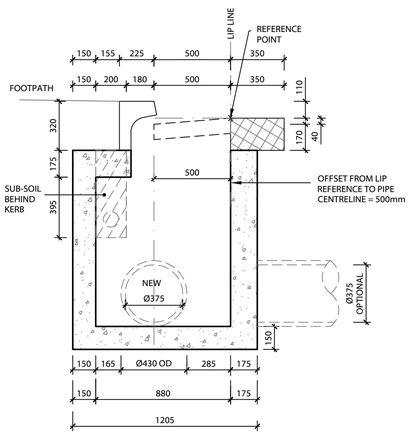
TYPE #2 - STORMWATER PIT

SCALE: 1:20 (A1)



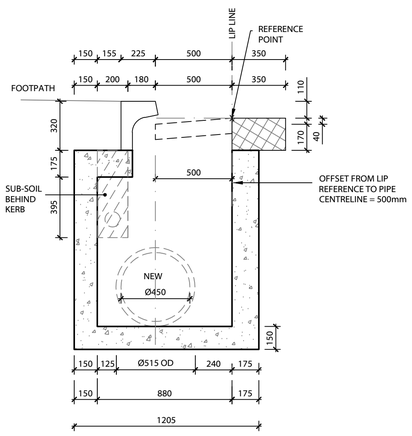
TYPE #3 - STORMWATER PIT

SCALE: 1:20 (A1)



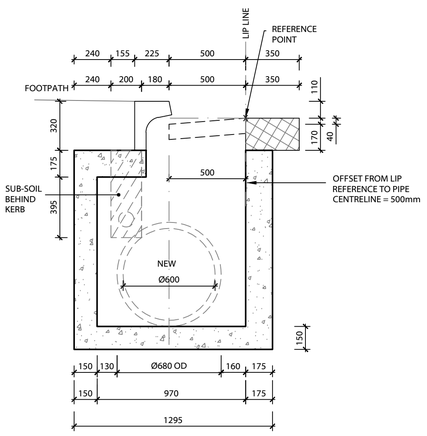
TYPE #1 - TYPICAL STORMWATER PIT FOR Ø375 BLACK MAX PIPES AND SA GULLY PIT (1205x1150)

SCALE: 1:20 (A1)



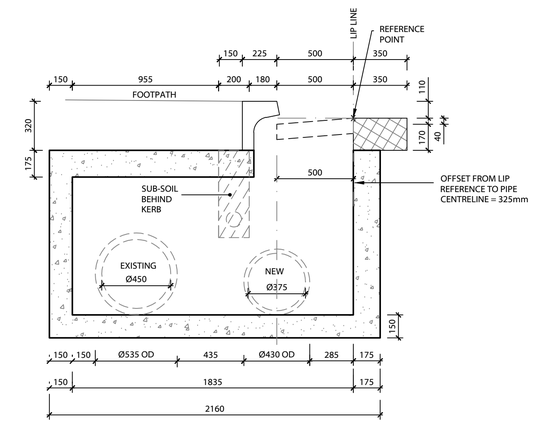
TYPE # 1 - TYPICAL STORMWATER PIT FOR Ø450 BLACK MAX PIPES AND SA GULLY PIT (1205x1150)

SCALE: 1:20 (A1)



TYPE # 2 - TYPICAL STORMWATER PIT FOR Ø600 BLACK MAX PIPES AND SA GULLY PIT (1295x1300)

SCALE: 1:20 (A1)



TYPE # 3 - TYPICAL STORMWATER PIT FOR Ø375 NEW BLACK MAX PIPES + Ø450 EXIST RCP PIPES AND SA GULLY PIT

SCALE: 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

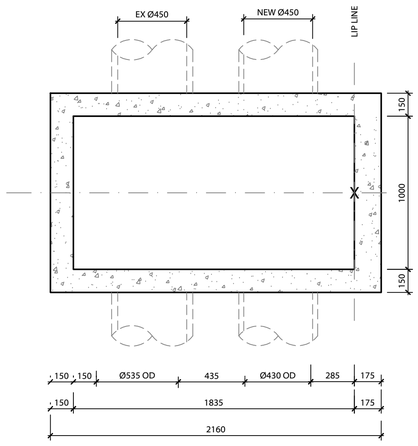
18-130 - PART 7
STORMWATER
PIT LAYOUT & PROFILE
SHEET 1

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

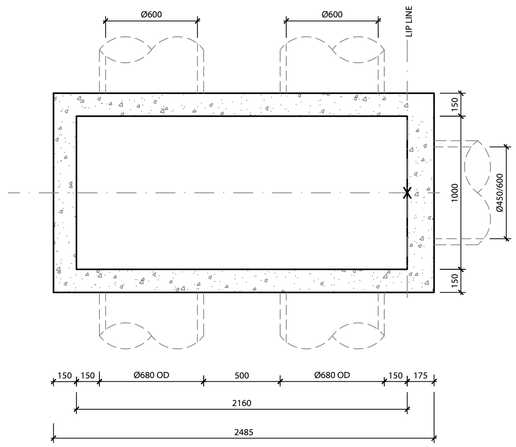
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- SM-0441	A

A1 SHEET



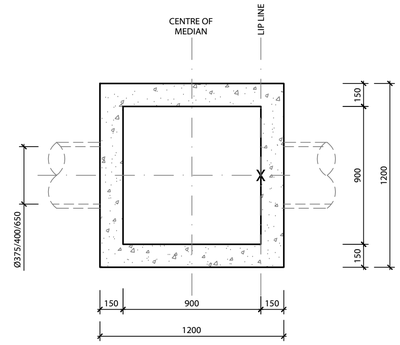
TYPE #3 - STORMWATER PIT

SCALE: 1:20 (A1)



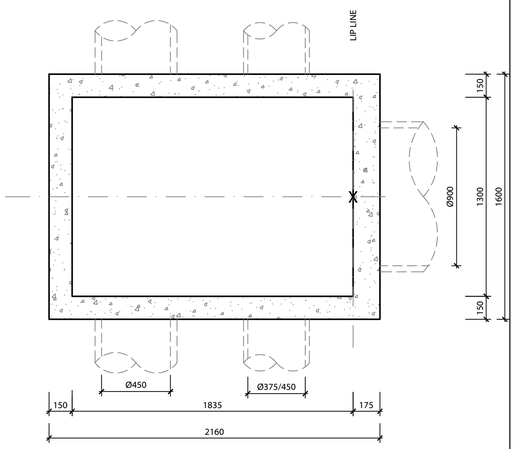
TYPE #4 - STORMWATER PIT

SCALE: 1:20 (A1)



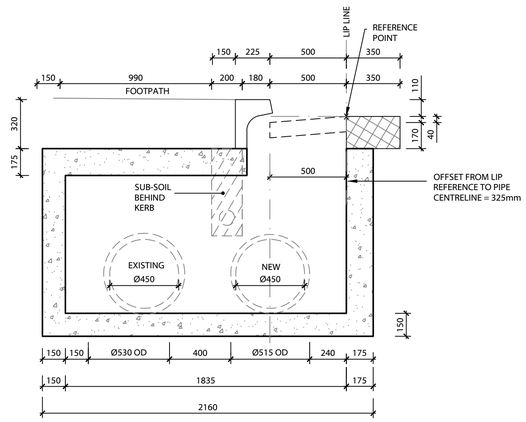
TYPE #5 - JUNCTION PIT

SCALE: 1:20 (A1)



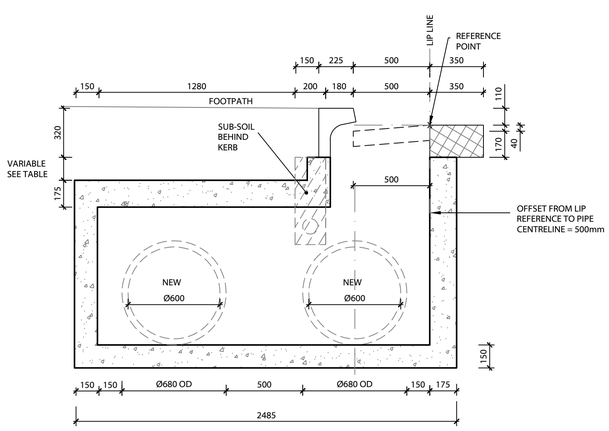
TYPE #6 - STORMWATER PIT

SCALE: 1:20 (A1)



TYPE # 3 - TYPICAL STORMWATER PIT FOR Ø450 NEW BLACK MAX PIPES + Ø450 EXIST RCP PIPES AND SA GULLY PIT

SCALE: 1:20 (A1)



TYPE # 4 TYPICAL STORMWATER PIT FOR TWIN Ø600 BLACK MAX PIPES AND SA GULLY PIT

SCALE: 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

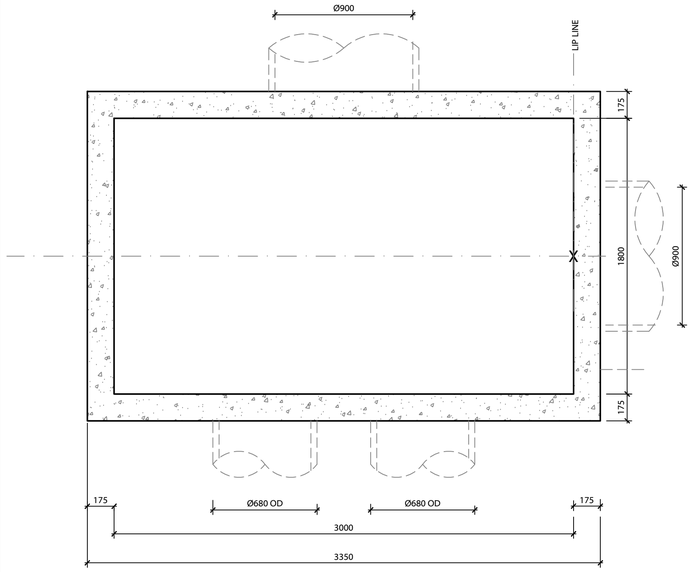
18-130 - PART 7
STORMWATER
PIT LAYOUT & PROFILE
SHEET 2

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

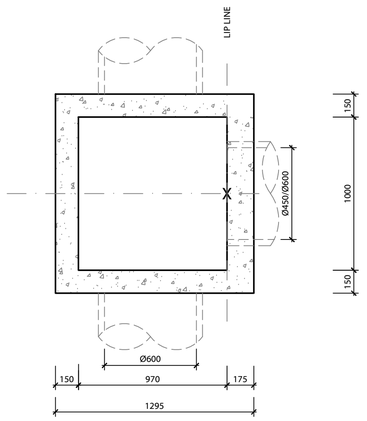
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- SM-0442	A

A1 SHEET



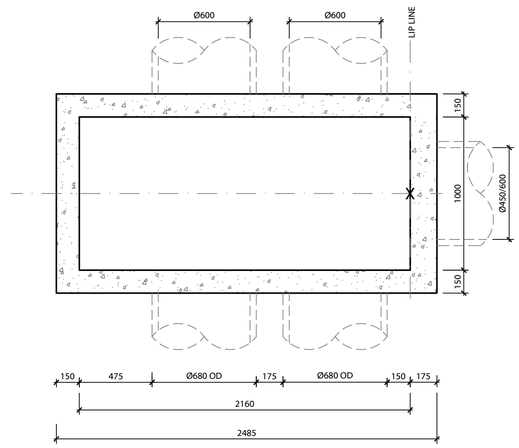
TYPE #7 - STORMWATER PIT

SCALE: 1:20 (A1)



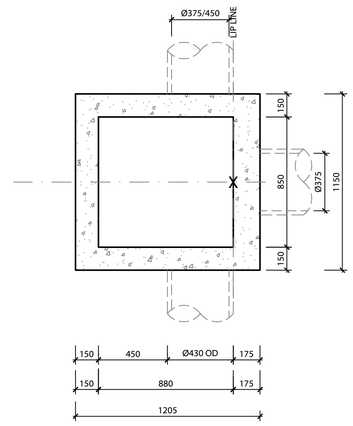
TYPE #8 - STORMWATER PIT

SCALE: 1:20 (A1)



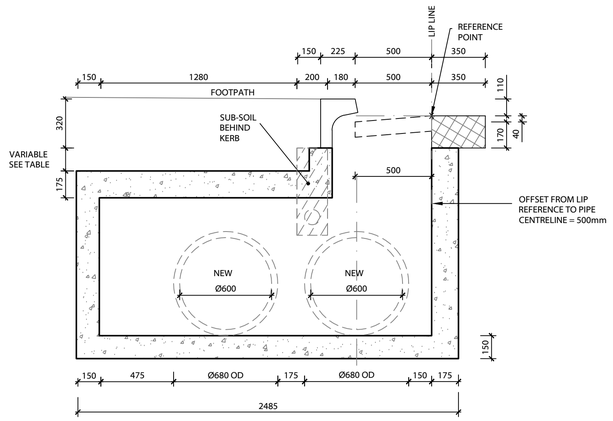
TYPE #9 - STORMWATER PIT

SCALE: 1:20 (A1)



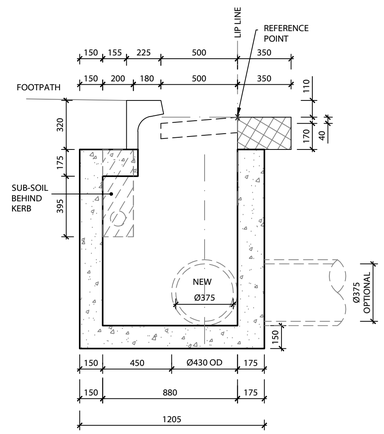
TYPE #10 - STORMWATER PIT

SCALE: 1:20 (A1)



TYPE # 9 TYPICAL STORMWATER PIT FOR TWIN Ø600 BLACK MAX PIPES AND SA GULLY PIT

SCALE: 1:20 (A1)



TYPE #10 - TYPICAL STORMWATER PIT FOR Ø375 BLACK MAX PIPES AND SA GULLY PIT (1205x1150)

SCALE: 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

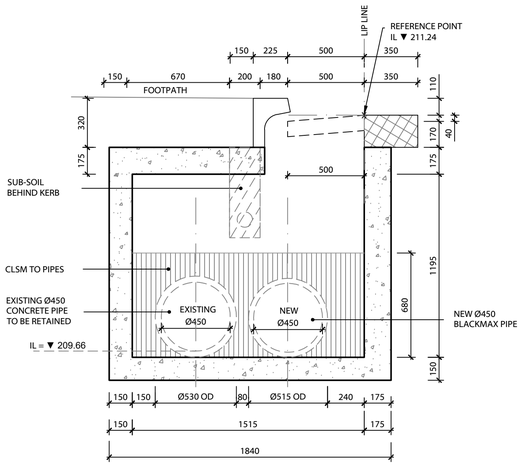
18-130 - PART 7
STORMWATER
PIT LAYOUT & PROFILE
SHEET 3

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

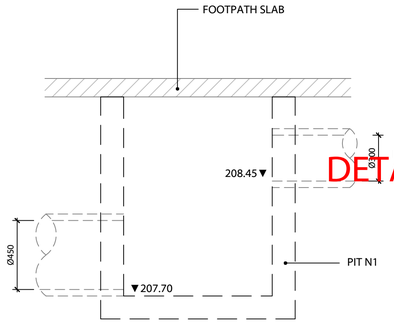
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- SM-0443	A

A1 SHEET



CH 640.00 - STORMWATER PIT FOR Ø450 NEW BLACK MAX PIPES + Ø450 EXIST RCP PIPES AND SA GULLY PIT

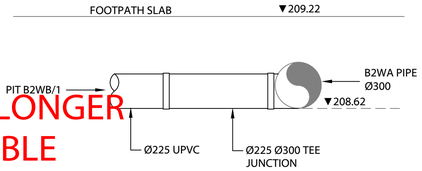
SCALE: 1:20 (A1)



DETAIL SM-A - CONNECTION AT PIT N1/1

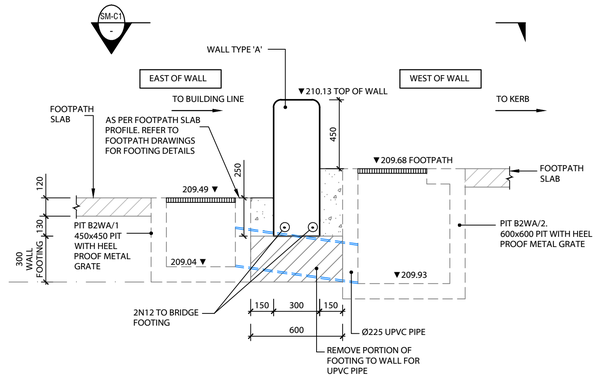
SCALE: 1:20 (A1)

DETAILS NO LONGER APPLICABLE



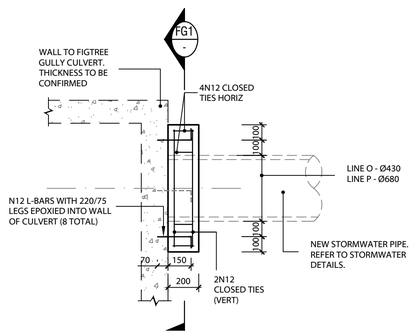
DETAIL SM-B - CONNECTION AT PIT N1/1

SCALE: 1:20 (A1)



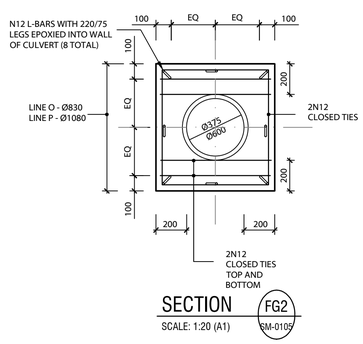
DETAIL SM-C - CONNECTION AT PIT N1/1

SCALE: 1:20 (A1)



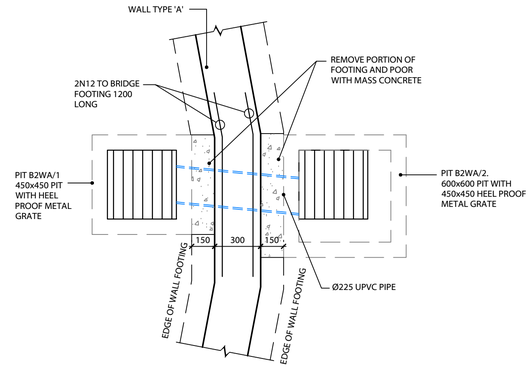
DETAIL FG1 - CONNECTION TO FIGTREE GULLY (STORMWATER LINES O & P ONLY)

SCALE: 1:20 (A1) — SM-0105



SECTION FG2

SCALE: 1:20 (A1) — SM-0105



SECTION SM-C1 - PLAN - CONNECTION AT PIT N1/1

SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	14/04/2024	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

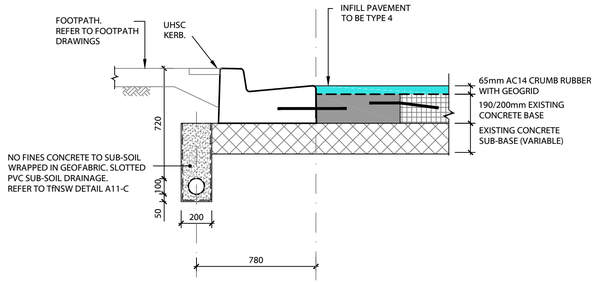
18-130 - PART 7
STORMWATER
PIT DETAILS
SHEET 1

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	JUNE 23	CONS- SM-0444 02

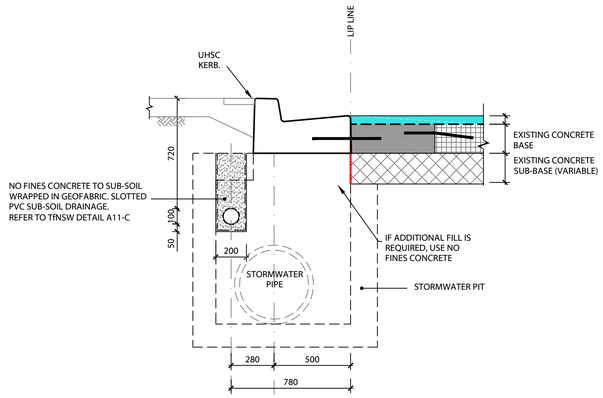
A1 SHEET



PAVEMENT TYPE 7: SUBSOIL LOCATION DETAILS

SCALE 1:20 (A1)

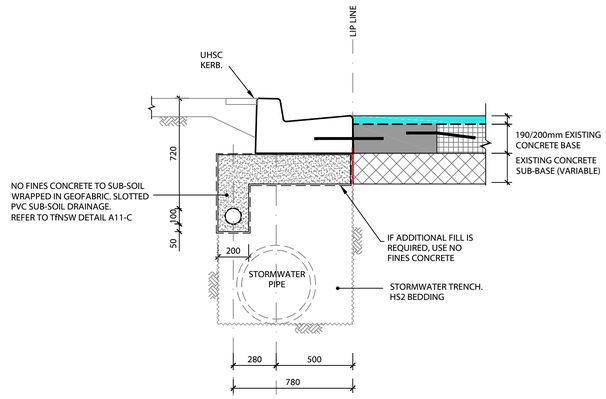
NOTE:
1. REFER TO PAVEMENT PLAN FOR FURTHER DETAILS



PAVEMENT TYPE 7: STORMWATER PIT, SUB-SOIL AND KERB LOCATION DETAIL

SCALE 1:20 (A1)

NOTE:
1. REFER TO PAVEMENT PLAN FOR FURTHER DETAILS



PAVEMENT TYPE 7: STORMWATER TRENCH, SUB-SOIL AND KERB LOCATION DETAIL

SCALE 1:20 (A1)

NOTE:
1. REFER TO PAVEMENT PLAN FOR FURTHER DETAILS

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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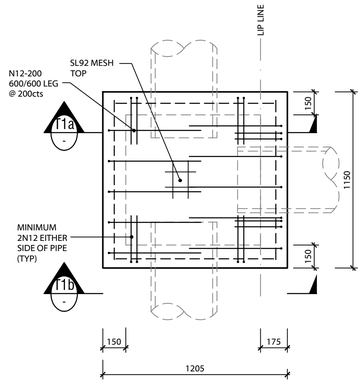
18-130 - PART 7
STORMWATER
PIT DETAILS
SHEET 2

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

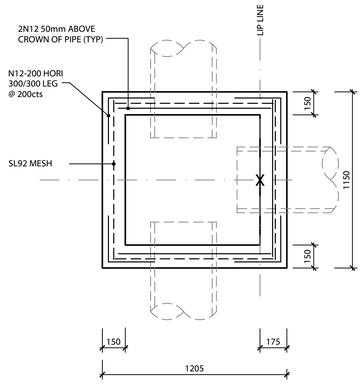
CIVIL DRAWING

Designed BH	Approved on behalf of RHM Consulting Engineers
Drawn CA	Project Engineer/Director Date
Datum NIL	Drawing No: Rev
Date JUNE 23	CONS- SM-0445 03

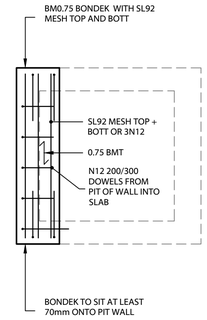
A1 SHEET



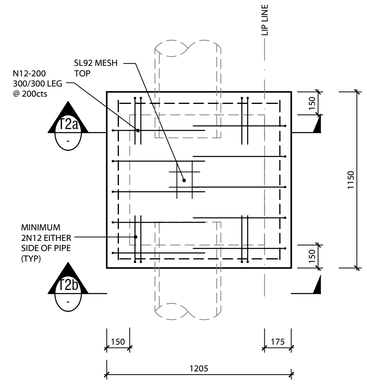
TYPE #1 - FLOOR REO PLAN
SCALE: 1:20 (A1)



TYPE #1 - WALL REO PLAN
SCALE: 1:20 (A1)



TYPE #1 -TOP REO PLAN
SCALE: 1:20 (A1)



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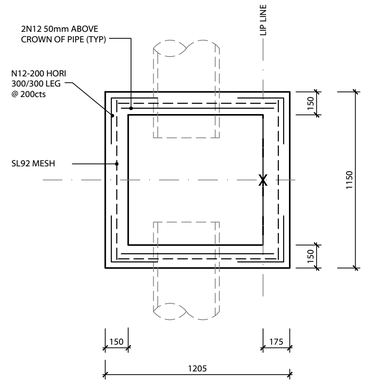

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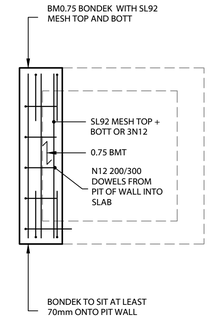

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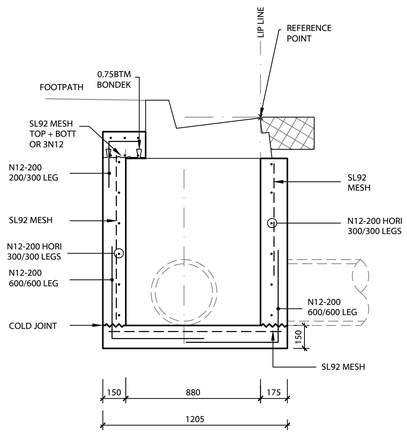
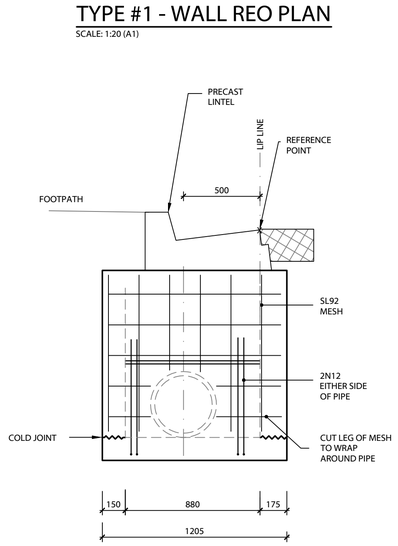
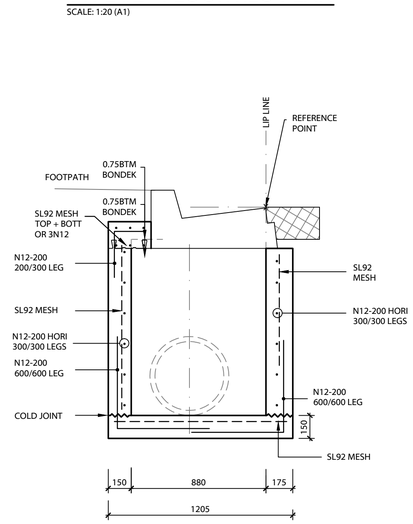


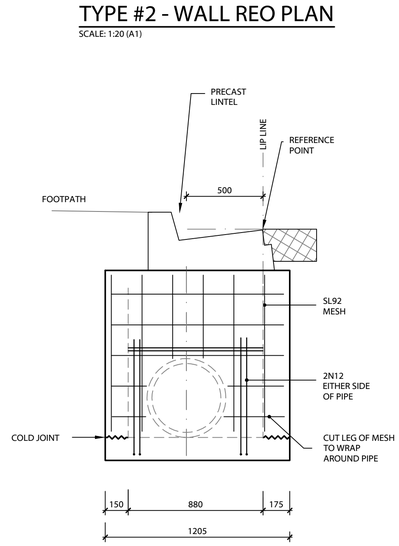
SECTION T1a - REO ELEVATION
SCALE: 1:20 (A1)



SECTION T1b - REO ELEVATION
SCALE: 1:20 (A1)



SECTION T2a - REO ELEVATION
SCALE: 1:20 (A1)



SECTION T2b - REO ELEVATION
SCALE: 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	20/06/2023	CA				

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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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18-130 - PART 7
STORMWATER
REO PLAN - PIT DETAILS
SHEET 1

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	JUNE 23	CONS- SM-0446 01

A1 SHEET

PIT & GRATE SCHEDULE FOR ALL DRAINAGE FEATURES, OUTLETS AND COLLECTION PITS

STAGE 1.0 - WORKS FROM LIVERPOOL STREET TO ST AUBINS

PIT SCHEDULE - LIVERPOOL ST OUTLET

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit Ex D/1	LIVERPOOL ST OUTLET	Existing pit to be retained. (No works required)	Existing Lintel to be retained. (No works required)			
Pit Ex D1A/2	LIVERPOOL ST OUTLET	New pit to be installed over existing pipe.	SAS New lintel to be installed over the existing pit. Lintel to be regraded to suite lip height.	208.746	207.26	1.486
Pit Ex D/2	LIVERPOOL ST OUTLET	Existing pit to be retained. A new concrete lid to be installed over existing pit. Existing lintel to be removed.	New concrete lid over existing pit	208.746		
Pit Ex D/3	LIVERPOOL ST OUTLET	Existing pit to be reconstructed for connection with Line E (Pit E/14)	Civilcast KEV 2400 (R) New lintel to be installed onto new pit.	208.447	206.7	1.747
Pit Ex D/4	LIVERPOOL ST OUTLET	Existing pit to be retained. Re-level walls to suite.	Civilcast KEV 2400 (L) New lintel to be installed over the existing pit. Lintel to be regraded to suite lip height.	208.69	206.55	2.14
~~Pit Ex D/5~~	~~LIVERPOOL ST OUTLET~~	~~Existing pit to be retained. (No works required)~~	~~Existing Lintel to be retained. (No works required)~~			
Pit Ex E/1	LIVERPOOL ST OUTLET	Existing pit to be retained. Re-level walls to suite.	Civilcast KEU 3000 (CENTRE) New lintel to be installed over the existing pit. Lintel to be regraded to suite lip height.	208.925	207.590	1.335
Pit Ex E/2	LIVERPOOL ST OUTLET	Existing pit to be replaced with a new Type 1 pit.	Civilcast KEV 2400 (R)	209.087	207.410	1.677
Pit Ex E/3	LIVERPOOL ST OUTLET	Existing Pit to be retained. Location to reflect existing median location. ***	Existing grate within pavement to remain albeit grate to be lifted to reflect new pavement overlay.	209.250	207.310	1.940
Pit Ex E/4	LIVERPOOL ST OUTLET	Same as New Pit Pit N/3				
Pit Ex E/5	LIVERPOOL ST OUTLET	Same as New Pit Pit N/5				
Pit N/0	LIVERPOOL ST OUTLET	New Pit Type 1.	Civilcast KEV 1800 (L)	209.31	207.98	1.33
Pit N/1	LIVERPOOL ST OUTLET	New Pit Type 1.	Civilcast KEU 3000 (CENTRE)	209.209	207.780	1.43
Pit N/2	~~LIVERPOOL ST OUTLET~~	~~New Type 5 (900mm x 900mm) pit to be constructed in the landscape garden to~~ Campbells Corner	~~900mm x 900mm light duty hinged metal grate within the garden area.~~	~~209.235~~	~~207.600~~	~~1.64~~
Pit N/3	LIVERPOOL ST OUTLET	New Type 4 Pit to be placed into existing ø900mm main along Liverpool Street north immediately west of existing	SA2 (L) New lintel to be installed over the existing pit. Lintel to be regraded to suite lip height. Lintel to form a SAG with Pit Ex D/4	208.970	207.530	1.44
Pit N/4	LIVERPOOL ST OUTLET	New Pit to pickup both existing Pit Pit ExE/4 and new Pit Pit N/4.	Civilcast KEU 3000 (L)			
Pit N/5	LIVERPOOL ST OUTLET	Retain Existing Pit but replace and re-grade new lintel. Pit common to existing Pit Pit ExE/5 and new Pit Pit N/5.	Civilcast KEV 1200 (C)			
Pit O/01	LIVERPOOL ST OUTLET	New Pit Type 1.	Civilcast KEV 2400 (R)	209.447	208.050	1.40

PIT SCHEDULE - FIGTREE GULLY (KELLY ST)

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit Ex F/1	KELLY ST OUTLET	New Type 4 Pit. Pit to extend under Footpath to connect Existing Pipe Line Ex F to Line T.	Sealed lid in footpath	211.362 (Footpath) 211.162 top of lid	210.03	1.132
Pit Ex F/2	KELLY ST OUTLET	New Type 4 Pit. Pit to extend under Footpath to connect Existing Pipe Line Ex F to Line T.	Sealed lid in footpath	210.923 (Footpath) 210.723 top of lid	209.59	1.133
Pit Ex F/3	KELLY ST OUTLET	New Type 4 Pit. Pit to extend under Footpath to connect Existing Pipe Line Ex F to Line T.	Sealed lid in footpath	210.897(Footpath) 210.697 top of lid	209.56	1.337
Pit Ex F/4	In footpath northern side of Trench Grate TG#5. Over existing pipe Line EX F only.	900mm x 900mm x 1350mm concrete pit cut into Line EX F	Cast-in heelproof medium duty hinged grate 600mm x 600mm into footpath.	210.710	209.440	1.270
Pit P/01	In footpath eastern side of wall.	600mm x 600mm x 600mm concrete pit.	Cast-in heelproof medium duty hinged grate 450mm x 450mm into footpath.	211.030	210.430	0.600
Pit P/02	DIRECT TO FIGTREE GULLY	New Pit Type 1. (Drop through pit)	Civilcast KEV 2400 (L)	211.027	209.850/209.650	1.177/1.377
Pit P/03	DIRECT TO FIGTREE GULLY	New Pit Type 1.	Civilcast KEU 3000 (CENTRE)	210.421	209.050	1.371
Pit P/04	In footpath aligned with Trench Grate TG#4.	New Type 5 (900mm x 900mm) pit to be constructed in footpath	Cast-in heelproof medium duty hinged grate 600mm x 600mm into footpath.	210.410	208.950	1.460
Pit P/05	DIRECT TO FIGTREE GULLY	New Pit Type 2.	Civilcast KEV 2400 (L)	210.136	208.850	1.286
Pit P/06	DIRECT TO FIGTREE GULLY	New Pit Type 2.	Civilcast KEU 3000 (CENTRE)	209.498	208.370	1.128
Pit P/07	DIRECT TO FIGTREE GULLY	New Pit Type 2.	Civilcast KEV 2400 (L)	209.550	208.220	1.330
Pit Q/01	DIRECT TO FIGTREE GULLY	New Pit Type 1.	Civilcast KEU 3000 (R)	210.083	208.750	1.333
Pit Q/02	DIRECT TO FIGTREE GULLY	New Pit Type 1.	Civilcast KEV 2400 (L)	209.797	208.380	1.417
Pit Q/03	DISCHARGE INTO FIGTREE GULLY	Depth of discharge to be determined. Refer to details for connection details	N/A	IL 208.3 Depth to be determined on-site		
Pit R/01	KELLY ST OUTLET	New Pit Type 1.	Civilcast KEU 3000 (R)	210.367	209.470	0.897
Pit R/02	KELLY ST IN FRONT OF CIVIC THEATRE	New Junction Pit 1500mm x 1200mm. Pit to connect Line T, Existing Line EX F and Line R. Pit in footpath.	900mm x 900mm Infill cover at footpath with 200mm riser to footpath.	210.67 (Footpath) Top of pit 200mm below at 210.47	209.40/209.36	1.110
Pit R/3	KELLY ST OUTLET (Pit in proposed new median location)	New Type 5 (900mm x 900mm) pit to be constructed in median	900mm x 900mm infill cover (Class D) at median slab level just inside SF kerb.	210.590	209.250	1.340
Pit R/4	KELLY ST OUTLET	Common with Pit P/4				
Pit T/1	ST AUBINS STREET	New Pit Type 1. (Rolled kerb over)	Metal hinged grate to suit a rolled kerb (Similar to a Durham V96CO V Grate & Frame)	211.880	210.570	1.310
Pit T/2	ST AUBINS STREET	New Pit Type 1. (Rolled kerb over)	Metal hinged grate to suit a rolled kerb (Similar to a Durham V96CO V Grate & Frame)	211.656	210.380	1.276
Pit T/3	ST AUBINS PARK	New 900mm x 900mm x 1500mm deep pit.	Civilcast KEV 2400 (R)	211.640	210.290	1.350
Pit T/4	ST AUBINS PARK	New 900mm x 900mm x 1350mm deep pit.	Civilcast KEV 2400 (R)	211.480	210.180	1.300
Pit T/5	KELLY ST OUTLET	New Pit Type 1.	Civilcast KEU 3000 (R)	211.323	210.100	1.223
Pit T/6	KELLY ST OUTLET	New Type 4. Pit to connect both Line T and Line Ex F. Pit size may vary depending on pipe alignment.	Civilcast KEU 3000 (L)	211.228	209.990	1.238
Outlet to pipe T discharges into Pit R/2 (50mm drop)				210.67 (Footpath) Top of pit 200mm below at 210.47	209.410	1.060

REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	25/10/2023	CA
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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18-130 - PART 7
STORMWATER
STAGE 1.0 - PIT SCHEDULE
SHEET 1

Scale
Horizontal:

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- SM-0451	03

A1 SHEET

PIT SCHEDULE - Footpath Drainage Block B2 West (B2W)

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit B2WA/1	In footpath western side of wall.	450mm x 450mm x 450mm concrete pit.	450mm x 450mm heelproof medium duty hinged grate cast into footpath.	209.50	209.05	0.45
Pit B2WA/2	In footpath eastern side of wall.	600mm x 600mm x 750mm concrete pit.	450mm x 450mm heelproof medium duty hinged grate cast into footpath.	209.65	208.90	0.75
~~Pit B2WA/3~~	~~In footpath eastern side of wall.~~	~~600mm x 600mm x 750mm concrete pit.~~	~~450mm x 450mm heelproof medium duty hinged grate cast into footpath.~~	~~209.55~~	~~208.80~~	~~0.75~~
Pit B2WA/4	Outlet from Pipe B2WA into Pit N/1			209.21	208.45	0.76
Pit B2WB/1	In footpath southern end of wall.	450mm x 450mm x 600mm concrete pit.	Cast-in heelproof medium duty hinged grate 450mm x 450mm into footpath.	209.43	208.83	0.60
Pit B2WB/2	45° horizontal splay into Pipe B2WA			209.41	208.62	0.79
Pit B2WC/1	In footpath northern end of wall.	450mm x 450mm x 600mm concrete pit.	Cast-in heelproof medium duty hinged grate 450mm x 450mm into footpath.	209.56	208.96	0.60
Pit B2WC/2	Junction beneath footpath.	45° bend to 300mm pipe at CH 3.00		209.62	208.89	0.73
Pit B2WC/3	Junction beneath footpath.	90° bend to 300mm pipe at CH 7.42		209.62	208.80	0.82

PIT SCHEDULE - Footpath Drainage Block B2 East (B2E)

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit B2EA/1	In footpath on southern side of Civic Theatre hard against building line.	450mm x 450mm x 750mm concrete pit.	Cast-in concrete infill lid within footpath. Lid size to match pit - 450mm x 450mm and be cast into footpath.	210.72	209.97	0.75
Outlet to pipe B2EA discharges into Pit R/2					209.85	
Pit B2EB/1	In footpath northern side of Civic Theatre hard against building line	450mm x 450mm x 750mm concrete pit.	Cast-in concrete infill lid within footpath. Lid size to match pit - 450mm x 450mm and be cast into footpath.	210.90	210.15	0.75
Pit B2EB/2	In garden in front of Civic Theatre	450mm x 450mm x 600mm concrete pit.	Heelproof medium duty hinged metal grate 450mm x 450mm in garden.	210.68	210.08	0.60
Outlet to pipe B2EB discharges into Pit Ex F/3					209.98	

PIT SCHEDULE - Footpath Drainage St Aubin's Park

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit St AuA/1	In footpath on southern side near ramp. Service Trench grate TG#6. Refer to details.	600mm x 600mm x 600mm concrete pit.	Cast-in heelproof medium duty hinged grate 450mm x 450mm into footpath.	211.71	211.11	0.60
Pit St AuA/2	45° bend to pipe under footpath to void existing trees	45° solvent glued bend	N/A	211.58	210.95	0.63
Outlet to pipe St AuA discharges into Pit T/4.				211.48	210.85	0.63
Pit St AuB/1	Existing pit behind kerb in carpark.	Pit to be retained, upsize outlet pipe	Existing grate to be retained.	211.85	211.39	0.46
Pit St AuB/2	In garden on southeast side of Park	450mm x 450mm x 600mm concrete pit.	Cast-in heelproof medium duty hinged grate 450mm x 450mm in grass area.	211.77	211.25	0.52
Pit St AuB/3	In garden on south side of Park. Pit to service existing drainage from adjoining buildings	600mm x 600mm x 750mm concrete pit.	Cast-in heelproof medium duty hinged grate 600mm x 600mm in grass area.	211.71	210.96	0.75
Outlet to pipe St AuB discharges into Pit T/3.					210.80	
Pit St AuC/1	New Pit in driveway to Saunders Motors.	600mm x 600mm x 600mm concrete pit.	Heavy duty Class D rated gatic lid, cast into driveway	211.91	211.31	0.60
Pit St AuC/2	In garden on northeast side of Park	New 900mm x 900mm x 600mm deep pit.	900mm x 900mm heelproof hinged medium duty metal grate within landscape area	211.64	211.04	0.60
Pit St AuC/3	In garden on north side of Park.	600mm x 600mm x 600mm concrete pit.	Cast-in heelproof medium duty hinged grate 600mm x 600mm in grass area.	211.48	210.88	0.60
Outlet to pipe St AuC discharges into Pit T/4.				211.48	210.68	0.80

PIT SCHEDULE - ST.AUBINS ST OUTLET

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit Ex G/1	ST.AUBINS ST OUTLET	Top 750mm of existing pit to be removed to allow installation of Pit StAuC/3. Remove pit to RL 210.70. Block pipe inlet and fill remainder of pit with mass concrete.		N/A	210.11	
Pit Ex G/2	ST.AUBINS ST OUTLET	Existing pit to remain. Extend wall as required to meet footpath levels.	New cast-in infill 600mm x 600mm cover over existing pit. Cast into footpath	211.57	210.01	1.56
Pit Ex G/3	ST.AUBINS ST OUTLET	New Pit Type 1.	Civilcast KEV 2400 (R)	211.43	209.98	1.45
Pit Ex G/4	ST. AUBINS ST OUTLET (Pit in proposed new median location)	New Type 5 (900mm x 900mm) pit to be constructed in median	900mm x 900mm infill cover (Glass D) at median slab level just inside SF kerb.	211.45	209.92	1.53
Pit Ex G/5	EXISTING PIT WITHIN KELLY STREET (IN FRONT OF ROYAL HOTEL)	Existing Pit within roadway to be Retained. Adjust pit wall to reflect new pavement levels.	New road rated (Class D) trafficable concrete lid to be set at approx. 100mm below finish pavement level	211.356	209.90	1.46
Pit Ex G/6	ST.AUBINS ST OUTLET	Existing Pit to be Retained. Re-level pit to reflect new kerb heights	Install a new Civilcast KEV 2400 (L) lintel over the existing pit and re-level to reflect new lip heights.	210.967	209.66	1.31

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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18-130 - PART 7
STORMWATER
STAGE 1.0 - PIT SCHEDULE
SHEET 2

Scale
Horizontal:

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	JULY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- SM-0452 02

A1 SHEET

PIT & GRATE SCHEDULE FOR ALL DRAINAGE FEATURES, OUTLETS AND COLLECTION PITS

STAGE 2.0 - WORKS FROM KINGDON STREET TO LIVERPOOL STREET

PIT SCHEDULE - LIVERPOOL ST OUTLET

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit E/1	LIVERPOOL ST OUTLET	New Pit Type 1.	Civilcast KEU 3000 (L)	209.210	207.870	1.340
Pit E/2	LIVERPOOL ST OUTLET	New Pit Type 2. Junction pit for lines B1EA and B1EB.	Civilcast KEU 3000 (L)	208.971	207.670	1.301
Pit E/3	LIVERPOOL ST OUTLET	New Pit Type 5.	900mm x 900mm concrete Infill lid to reflect height of central metaian.	209.23 (Top of proposed new median	207.590	1.640
Pit E/4	LIVERPOOL ST OUTLET	New Pit Type 2.	Civilcast KEV 2400 (R)	208.597	207.480	1.117
Pit E/5	LIVERPOOL ST OUTLET	New Pit Type 2.Pit to be located at SAG with SAS inlet. PitE/5 & E/6 3000mm apart to centre	Civilcast KEU 3000 (R)	208.530	207.360	1.170
Pit E/6	LIVERPOOL ST OUTLET	New Pit Type 2.Pit to be located at SAG with SAS inlet. PitE/11 & E/10 3000mm apart to centre	Civilcast KEU 3000 (L)	208.530	207.340	1.190
Pit E/7	LIVERPOOL ST OUTLET	New Pit Type 2.	Civilcast KEU 3000 (CENTRE)	208.653	207.190	1.463
Pit E/8	LIVERPOOL ST OUTLET	New Pit Type 5. (Trench Grate TG#2) discharges in Pit)	600mm x 600mm heelproof grate cast into the footpath.	208.670	207.120	1.550
Pit E/9	LIVERPOOL ST OUTLET	New Pit Type 4.	Civilcast KEV 2400 (R)	208.548	207.040	1.508
Pit E/10	LIVERPOOL ST OUTLET	New Pit Type 4. Pit to be located at SAG with SASA inlet. PitE/11 & E/10 3000mm apart to centre	Civilcast KEU 3000 (R)	208.483	206.860	1.623
Pit E/11	LIVERPOOL ST OUTLET	New Pit Type 4. Pit to be located at SAG with SASA inlet. PitE/11 & E/10 3000mm apart to centre	Civilcast KEU 3000 (L)	208.483	206.830	1.653
Pit E/12	LIVERPOOL ST OUTLET	New Pit Type 4 to be cast within footpath. Location to be determine due to services. Pit lid to finish below footpath.	Civilcast KEV 2400 (R)	208.535	206.770	1.765
Pit E/13	LIVERPOOL ST OUTLET	New Pit Type 4 to be cast within footpath. Location to be determine due to services. Pit lid to finish below footpath.	Civilcast KEV 1200 (CENTRE)	208.730	206.740	1.990
Pit E/14	LIVERPOOL ST OUTLET	New Juction Pit 1350 x 1350 mm cast in-situ pit common to Exist Pipeline Ex D	Sealed Concrete Lid to finish at Road Level.	208.720	206.720	2.000
Pit E/15	LIVERPOOL ST OUTLET	New Juction Pit 1350 x 1350 mm in Kelly Streetcast in-situ pit common to Pit Ex A/5	Sealed Concrete Lid to finish at Road Level.	208.786	206.690	2.096
Pit E/16	LIVERPOOL ST OUTLET	New Juction Pit 1350 x 1350 mm cast in-situ pit common to Exist Pipeline Ex D	Sealed Concrete Lid to finish at Road Level.	208.557	206.600	1.957
Pit F/1	LIVERPOOL ST OUTLET	New Pit Type 1.	Civilcast KEV 2400 (L)	208.804	207.500	1.304
Pit F/2	LIVERPOOL ST OUTLET	New Pit Type 1.	Civilcast KEU 3000 (CENTRE)	208.683	207.360	1.323
Pit F/3	LIVERPOOL ST OUTLET	New Pit Type 5. (Trench Grate TG#3) discharges in Pit)	600mm x 600mm heelproof grate cast into the footpath.	208.720	207.310	1.410
Pit F/4	LIVERPOOL ST OUTLET	New Pit Type 2.	Civilcast KEV 2400 (L)	208.580	207.230	1.350
Pit F/5	LIVERPOOL ST OUTLET	New Pit Type 2.	Civilcast KEU 3000 (R)	208.580	207.210	1.370
Pit F/6	LIVERPOOL ST OUTLET	New Pit Type 5.	900mm x 900mm concrete Infill lid to reflect height of central metaian.	208.98 (Top of proposed new median	207.160	1.820
Pit G/1	LIVERPOOL ST OUTLET	New Pit Type 2.	Civilcast KEU 3000 (R)	208.720	207.310	1.410
Pit G/2	LIVERPOOL ST OUTLET	New Pit Type 2.	Civilcast KEU 2400 (R)	208.635	207.200	1.435

PIT SCHEDULE - KINGDON STREET

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit Ex A/1	KINGDON ST OUTLET	Existing pit on southeast KR of Kelly Street & Kingdon Street to be retained.	Civilcast KEV 2400 (R)	209.698	209.000	0.698
Pit Ex A/2	KINGDON ST OUTLET	Existing pit to Kingdon Street south, eastern side of Kelly Street to be retained.	Civilcast KEU 3000 (R)	209.806	208.850	0.956
Pit Ex A/3	KINGDON ST OUTLET	Existing pit location unknown. Pit to be located on site. Existing pit to be retained.Pit to be a junction pit with Line A	Civilcast KEU 3000 (CENTRE)	209.565	208.300	1.265
Pit Ex A/4	KINGDON ST OUTLET	Common with Pit Pit A/3.				
Pit Ex A/5	KINGDON ST OUTLET	Common with Pit Pit D/4.				
Pit A/1	KINGDON ST OUTLET	New Pit Type 1. Pit located prior to Wombat crossing	Civilcast KEV 2400 (L)	209.527	208.460	1.067
Pit A/2	KINGDON ST OUTLET	New Type 5 (900mm x 900mm) pit to be constructed in footpath.	Civilcast KEV 1200 (R)	209.550	208.270	1.280
Pit A/3	KINGDON ST OUTLET	New Juction Pit 900 x 900 mm cast in-situ pit common to Pit Ex A/4	Sealed Concrete Lid to finish at Road Level.	209.622	208.220	1.402
~~Pit B/1~~	~~KINGDON ST OUTLET~~	~~New Pit Type 1. Pit located prior to Wombat crossing~~	~~Civilcast KEV 1200 (L)~~	~~209.367~~	~~208.020~~	~~1.347~~
Pit B/2	KINGDON ST OUTLET	Commom with Pit D/2		209.280	207.950	1.330
Pit C/1	KINGDON ST OUTLET	600mm x 600mm x 600mm deep concrete pit connected to Trench Grate TG#1 within footpath near to Coles carpark.	600mm x 600mm heelproof grate cast into the footpath.	209.230	208.630	0.600
Pit C/2	KINGDON ST OUTLET	Commom with Pit D/2		209.280	208.530	0.750
Pit D/1	KINGDON ST OUTLET	New Pit Type 1.	Civilcast KEV 2400 (R)	209.085	207.980	1.105
Pit D/2	KINGDON ST OUTLET	New Type 5 (900mm x 900mm) pit to be constructed in footpath.	900mm x 900mm concrete infill cover (Class D) in footpath	209.280	207.890	1.390
Pit D/3	KINGDON ST OUTLET	New Type 5 (900mm x 900mm) pit to be constructed in garden to kerb return.	Civilcast KEV 1200 (L)	209.298	207.850	1.448
Pit D/4	KINGDON ST OUTLET	New Juction Pit 900 x 900 mm cast in-situ pit common to Pit Ex A/5	Sealed Concrete Lid to finish at Road Level.	209.350	207.820	1.530

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03	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 - PART 7
STORMWATER
STAGE 2.0 - PIT SCHEDULE
SHEET 1

Scale
Horizontal:

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- SM-0453 03

A1 SHEET

PIT SCHEDULE - Footpath Drainage Block B1 East (B1E)

Pit Name	Discharge Location	Pit Type	Lintel type	Grate Level (At Set-Out)	Invert Level (At Set-Out)	Depth (m)
Pit B1EA/1	New Pit within the Access Driveway to the Ambulance Station.	600mm x 600mm x 600mm concrete pit.	Heavy duty hinged metal vee grate 600mm x 600mm.	209.140	208.540	0.60
Pit B1EB/1	Replace existing pit in Asser House with a new pit	600mm x 600mm x 750mm concrete pit.	Light duty hinged metal grate 600mm x 600mm cast level to the existing footpath/paver.	208.950	208.200	0.75
Pit B1EB/2	Junction Pit within footpath to avoid services (Asser House).	600mm x 600mm x 900mm concrete pit.	600mm x 600mm concrete infill grate cast into the footpath.	209.072	208.172	0.90
Pit B1EC/1	In garden space near to front of "The Cottage". Need to avoid the electrical services.	450mm x 450mm x 750mm concrete pit.	Light duty hinged metal grate 450mm x 450mm.	208.740	207.990	0.75
Pit B1ED/1	Replace existing pit on southern side of the Driveway to the "The Cottage".	600mm x 600mm x 600mm concrete pit.	Heavy duty hinged metal grate 600mm x 600mm.	208.810	208.210	0.60
Pit B1ED/2	New pit within the vehicular crossover in footpath.	600mm x 600mm x 750mm concrete pit.	Heavy duty hinged metal grate 600mm x 600mm.	208.800	208.050	0.75
Pit B1EE/1	Replace existing pit on northern side of the Driveway to the "The Cottage".	600mm x 600mm x 900mm concrete pit.	Heavy duty hinged metal grate 600mm x 600mm.	208.820	207.920	0.90

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
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18-130 - PART 7
STORMWATER
STAGE 2.0 - PIT SCHEDULE
SHEET 2

Scale
Horizontal:

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	JULY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: CONS- SM-0454 02 Rev

A1 SHEET

TRENCH GRATES

Trench Grate	Grate Type	Length (metres)	Surface Level			Trench Grate Fall
			Southern End	Intermediate	Northern End	
Grate #1 (Coles Carpark)	ACO Klassik Drain k300 (300mm wide x 300mm deep) with a Class A Stainless Steel Wedgewire Heelsafe Anti-slip grate.	16.0 metres	SL 209.23 (South)	SL 209.28 (8.35m from souther end)	SL 209.19 (North)	1.08% & 0.66%
Grate #2 (Subway)	ACO Klassik Drain k300 (300mm wide x 300mm deep) with a Class A Stainless Steel Wedgewire Heelsafe Anti-slip grate.	21.5 metres	SL 208.72 (South)	N/A	SL 208.61 (North)	0.510%
Grate #3 (The Cottage)	ACO Klassik Drain k300 (300mm wide x 300mm deep) with a Class A Stainless Steel Wedgewire Heelsafe Anti-slip grate.	11.5 metres	SL 208.71 (South)	N/A	SL 208.75 (North)	0.350%
Grate #4 (Warburton)	ACO Klassik Drain k300 (300mm wide x 300mm deep) with a Class A Stainless Steel Wedgewire Heelsafe Anti-slip grate.	16.0 metres	SL 209.34 (South)	N/A	SL 210.52 (North)	1.125%
Grate #5 (Civic Theatre)	ACO Klassik Drain k300 (300mm wide x 300mm deep) with a Class A Stainless Steel Wedgewire Heelsafe Anti-slip grate.	4.5 metres	SL 210.68 (South)	N/A	SL 210.71 (North)	0.660%
Grate #6 (Choc & Moss Ramp)	ACO Klassik Drain k100 (130mm wide x 100mm deep) with a Class A Stainless Steel Wedgewire Heelsafe Anti-slip grate.	1.9 metres	SL 211.58 (South)	N/A	SL 211.56 (North)	DICHARGE INTO PIT St AuA/1 (IL at Pit 211.31)
Grate #7 (Royal Hotel)	500mm wide with heel proof grate within concrete footpath	2.5 metres	SL 211.38 (South)	N/A	SL 211.42 (North)	1.600%

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18-130 - PART 7
STORMWATER
TRENCH GRATE SCHEDULE
SHEET 5

Scale
Horizontal:

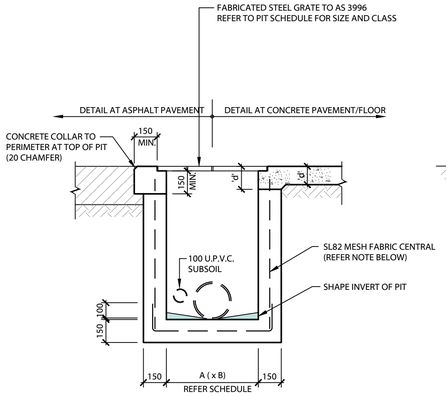
CIVIL DRAWING

Designed BH
Drawn CA
Datum NIL
Date OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- SM-0455 03
Rev

A1 SHEET

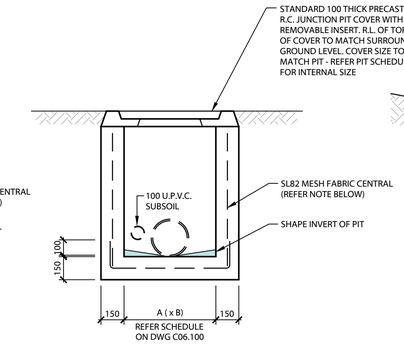


NOTES:

1. PROVIDE 3000mm LENGTH OF 100mm DIA. SUBSOIL PIPE CAST THROUGH UPSTREAM WALL OF PIT WITH GEOTEXTILE OR SIMILAR FILTER OVER.
2. REINFORCEMENT NOT REQUIRED IF DEPTH OF PIT IS LESS THAN 6000mm.
3. PROVIDE STEP IRONS AT 300mm MAX. CTS. IF DEPTH OF PIT EXCEEDS 1000mm

STANDARD JUNCTION PIT (GRATE COVER)

SCALE 1:20



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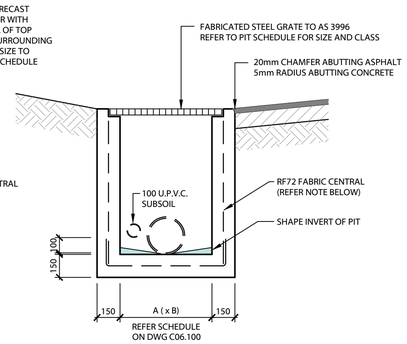
2. REINFORCEMENT NOT REQUIRED IF DEPTH OF PIT IS LESS THAN 6000mm.
3. PROVIDE STEP IRONS AT 300mm MAX. CTS. IF DEPTH OF PIT EXCEEDS 1000mm

STANDARD JUNCTION PIT (R.C. COVER)

SCALE 1:20

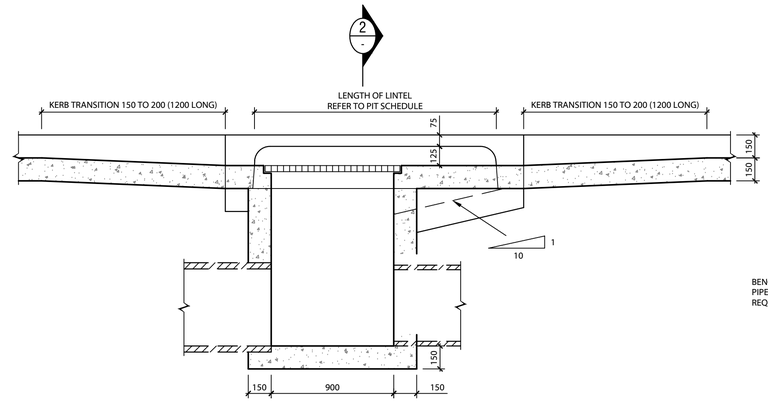


NOTES:

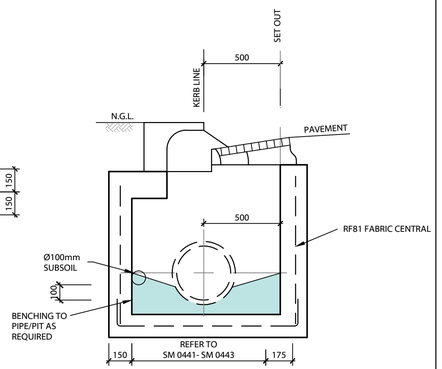
1. PROVIDE 3000mm LENGTH OF 100mm DIA. SUBSOIL PIPE CAST THROUGH UPSTREAM WALL OF PIT WITH GEOTEXTILE OR SIMILAR FILTER OVER.
2. REINFORCEMENT NOT REQUIRED IF DEPTH OF PIT IS LESS THAN 6000mm.
3. PROVIDE STEP IRONS AT 300mm MAX. CTS. IF DEPTH OF PIT EXCEEDS 1000mm

INTERALLOTMENT PIT DETAIL - GRATED PIT

SCALE 1:20

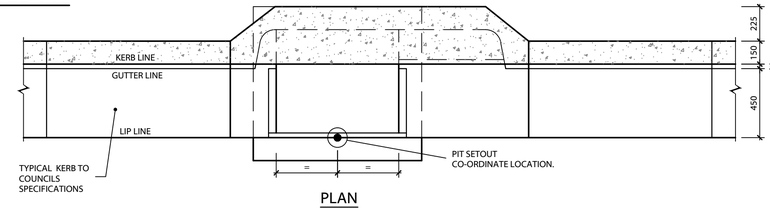


SECTION ALONG GUTTER LINE



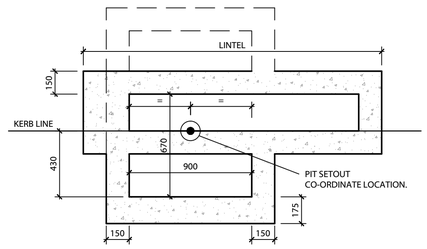
SECTION 2 / -

SCALE 1:20



PLAN

PIT GRATE REMOVED FOR CLARITY.



SETTING OUT DIAGRAM

CAST IN-SITU PIT DETAILS

PIT PIT REINFORCEMENT SCHEDULE						
DEPTH (d) mm	BASE/ WALL THICKNESS (t) mm	PLAN DIMENSION (w) mm BASE/ WALL REINFORCEMENT				
		< 1190	> 1200 < 1790	> 1800 < 2390	> 2400 < 2690	< 2700 < 3000
< 1800	150	SL82 MESH CENTRAL	N12-250 CENTRAL	N12-250 CENTRAL	N12-250 CENTRAL	N12-200 CENTRAL
> 1800	175	N12-250 CENTRAL	N12-250 CENTRAL	N12-200 CENTRAL	N12-200 CENTRAL	N12-150 CENTRAL
< 3000	225	N12-250 CENTRAL	N12-200 CENTRAL	N12-150 CENTRAL	N12-150 CENTRAL	N12-140 CENTRAL
.	.	.	.	.	.	.

* NOTE:
1. ALL PIPES TO BE (MIN) 150mm CLEAR OF ALL INTERNAL CORNERS OF PITS.
2. MINIMUM COVER TO REINFORCEMENT 50mm.
3. F'c = 25 MPa AT 28 DAYS.
4. ALL SUB-SOIL DRAINS TO BE PLACED FOR A DISTANCE OF 4 metres FROM EACH WEEP HOLE.
5. WALL THICKNESS IN CHIMNEY TO BE ADJUSTED TO SUIT TYPE OF PIT LID.

STANDARD KERB INLET PIT WITH M.S. GRATE AND FRAME

NOTES:
1. REFER TO PIT SCHEDULE ON DWG C06.100 FOR PIT SIZE AND INLET SIZE
2. ROAD RATED PRECAST PITS ARE PERMITTED TO BE USED

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02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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18-130 - PART 7
STORMWATER STANDARD DETAILS
SHEET 1

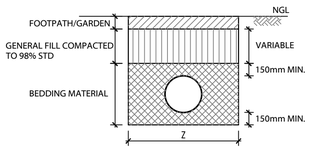
Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	MAY 23	CONS- SM-0461	02

A1 SHEET

NOTE:
- MATERIALS SPECIFICATION AND GRADING FOR ALL PIPES IN ACCORDANCE WITH AS 3725.
- COMPACTION IN ACCORDANCE WITH AS 3725



Z = dm + 0.2m OR 2dm WHICHEVER IS SMALLER
d = PIPE DIAMETER

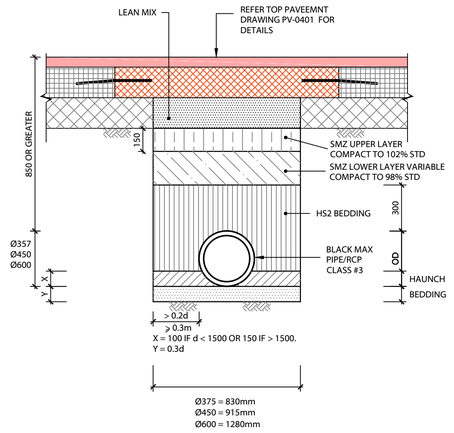
MINIMUM COVER

SITUATION	MIN DEPTH (METRES)
NOT SUBJECT TO VEHICLE LOADS	0.3
SUBJECT TO VEHICLE LOADS	
- NOT IN ROADWAYS	0.45
- IN SEALED ROADS	0.65
- UNDER UNSEALED ROADS	0.75
PIPES IN EMBANKMENT CONDITIONS OR SUBJECT TO CONSTRUCTION LOADS	0.75

SPECIFY BEDDING MATERIAL REFER TO CONCRETE PIPE NOTES.

- CONSTRUCTION TO BE IN ACCORDANCE WITH AS 2566.
- COMPACTION SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 150mm. FOR PIPES WITH DIAMETER < 250mm LAYER THICKNESS SHALL NOT EXCEED 80mm.

SUPPORT FOR PLASTIC PVC PIPES TO FOOTPATHS

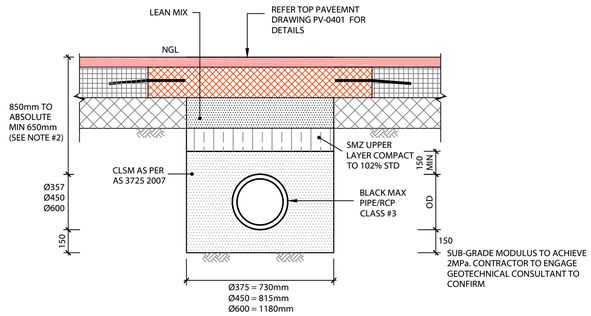


UNDER ROAD - PIPES BEDDING GREATER THAN 850mm COVER ABOVE OBVERT

NOT TO SCALE

NOTES:

1. SUB-GRADE MODULUS TO ACHIEVE 2MPa. CONTRACTOR TO ENGAGE GEOTECHNICAL CONSULTANT TO CONFIRM
2. SMZ MATERIALS TO COMPLY WITH TfNSW R44 SPECIFICATION 3071

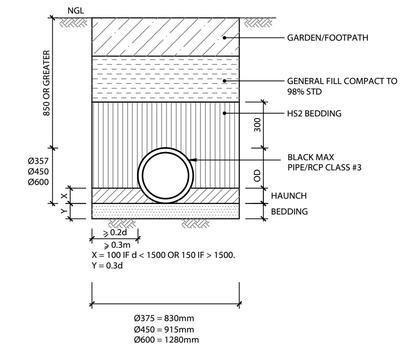


UNDER ROAD - PIPES BEDDING 650mm - 850mm MAX COVER ABOVE OBVERT

NOT TO SCALE

NOTES:

1. SUB-GRADE MODULUS TO ACHIEVE 2MPa. CONTRACTOR TO ENGAGE GEOTECHNICAL CONSULTANT TO CONFIRM
2. SMZ MATERIALS TO COMPLY WITH TfNSW R44 SPECIFICATION 3071

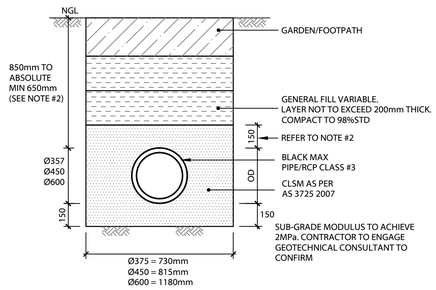


FOOTPATH & GARDEN - PIPES BEDDING GREATER THAN 850mm COVER ABOVE OBVERT

NOT TO SCALE

NOTES:

1. SUB-GRADE MODULUS TO ACHIEVE 2MPa. CONTRACTOR TO ENGAGE GEOTECHNICAL CONSULTANT TO CONFIRM

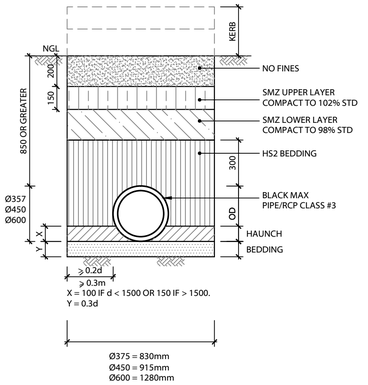


FOOTPATH & GARDEN - PIPES BEDDING 650mm - 850mm MAX COVER ABOVE OBVERT

NOT TO SCALE

NOTES:

1. SUB-GRADE MODULUS TO ACHIEVE 2MPa. CONTRACTOR TO ENGAGE GEOTECHNICAL CONSULTANT TO CONFIRM
2. ABSOLUTE MIN COVER IS 650mm. IF 650mm IS USED, CLSM TO EXTEND 450mm OVER OBVERT.

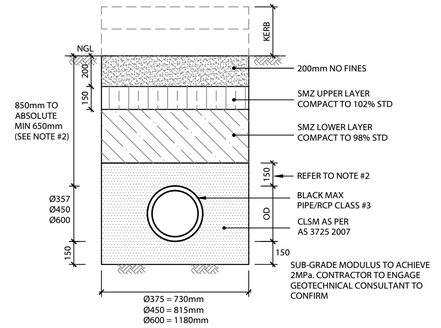


UNDER KERB & GUTTER - PIPES BEDDING GREATER THAN 850mm COVER ABOVE OBVERT

NOT TO SCALE

NOTES:

1. SUB-GRADE MODULUS TO ACHIEVE 2MPa. CONTRACTOR TO ENGAGE GEOTECHNICAL CONSULTANT TO CONFIRM
2. SMZ MATERIALS TO COMPLY WITH TfNSW R44 SPECIFICATION 3071



UNDER KEBR & GUTTER- PIPES BEDDING 650mm - 850mm MAX COVER ABOVE OBVERT

NOT TO SCALE

NOTES:

1. SUB-GRADE MODULUS TO ACHIEVE 2MPa. CONTRACTOR TO ENGAGE GEOTECHNICAL CONSULTANT TO CONFIRM
2. ABSOLUTE MIN COVER IS 650mm. IF 650mm IS USED, CLSM TO EXTEND 450mm OVER OBVERT.
3. SMZ MATERIALS TO COMPLY WITH TfNSW R44 SPECIFICATION 3071

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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ABN 82 153 018 800

18-130 - PART 7
STORMWATER STANDARD DETAILS
SHEET 2

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	MAY 23	CONS- SM-0462	02

A1 SHEET

STORMWATER PIT SET-OUT COORDINATES

PIT NAME	PIT SET-OUT DETAILS				REMARK
	EASTING	NORTHING	REDUCED LEVEL AT SET-OUT	DEPTH	
Pit A/1	298647.3170	6451749.2510	209.560	1.100	
Pit A/2	298649.8140	6451739.7920	209.770	1.370	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit Ex A/3	298655.2420	6451732.9190	209.530	1.230	setout level to finished surface tin at pit centre
Pit B/1	298634.0160	6451751.5100	209.370	1.370	
Pit D/2	298629.8100	6451748.5150	209.300	1.540	setout level to finished surface tin at pit centre
Pit B1EA/1	298662.4990	6451797.2910	209.140	0.600	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit E/2	298656.8900	6451805.9210	208.970	1.300	
Pit B1EC/1	298670.5920	6451859.7760	208.740	0.600	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit F/2	298665.2020	6451866.6070	208.680	1.320	
Pit B1ED/1	298673.5500	6451880.4260	208.730	0.520	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B1ED/2	298671.4430	6451880.6600	208.790	0.740	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit F/3	298668.0300	6451874.4370	208.720	1.410	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit B1EE/1	298673.4850	6451882.4920	208.790	0.570	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B1ED/2	298671.4430	6451880.6600	208.790	0.740	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B2EA/1	298701.5370	6452088.6200	210.720	0.750	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit B2EB/1	298704.3390	6452109.0930	210.880	0.690	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit B2EB/2	298698.1380	6452105.8520	210.680	0.600	
Pit Ex F/3	298699.2900	6452102.6380	210.710	1.270	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit B2WA/1	298667.4610	6452026.2730	209.490	0.450	
Pit B2WA/2	298668.1520	6452025.8000	209.650	0.720	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B2WA/3	298666.9390	6452016.5720	209.540	0.840	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B2WA/4	298664.4090	6451995.4830	209.160	0.710	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B2WB/1	298664.4930	6452011.1080	209.410	0.520	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B2WB/2	298666.1510	6452009.9870	209.420	0.790	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit B2WC/1	298667.9920	6452040.4170	209.560	0.750	setout level to finished surface tin at pit centre
Pit P/6	298669.4520	6452045.9420	209.490	1.120	
Pit C/1	298626.9230	6451750.0750	209.230	0.600	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit D/2	298629.8100	6451748.5150	209.300	1.540	setout level to finished surface tin at pit centre
Pit D/1	298632.3550	6451767.0960	209.080	1.180	
Pit D/2	298629.8100	6451748.5150	209.300	1.540	setout level to finished surface tin at pit centre
Pit D/3	298629.0850	6451743.2210	209.410	1.690	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit D/4	298619.8130	6451738.3240	208.920	1.270	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit E/1	298653.8660	6451777.9470	209.200	1.330	
Pit E/2	298656.8900	6451805.9210	208.970	1.300	
Pit E/3	298648.9550	6451807.0650	209.080	1.490	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit E/4	298638.0470	6451808.6530	208.590	1.110	
Pit E/5	298640.6970	6451828.0060	208.530	1.170	
Pit E/6	298641.1040	6451830.9780	208.490	1.150	setout level to finished surface tin at pit centre
Pit E/7	298644.7090	6451864.2290	208.650	1.460	
Pit E/8	298646.1370	6451877.4100	208.680	1.560	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit E/9	298648.5570	6451893.3520	208.510	1.470	setout level using manual entry
Pit E/10	298650.2000	6451905.3430	208.450	1.480	setout level using manual entry
Pit E/11	298650.6070	6451908.3160	208.480	1.550	
Pit E/12	298652.2570	6451920.3600	208.520	1.650	setout level using manual entry
Pit E/13	298653.3520	6451934.1670	208.530	1.730	setout level using manual entry
Line Ex D/ Pit 3	298647.6540	6451949.9180	208.470	1.770	
Pit Ex A/1	298644.1170	6451707.6180	209.980	0.980	xy setout to pit centre, setout level using manual entry
Pit Ex A/2	298653.9120	6451714.2570	210.260	1.410	xy setout using manual entry, setout level using manual entry
Pit Ex A/3	298655.2420	6451732.9190	209.530	1.230	setout level to finished surface tin at pit centre
Pit Ex A/4	298577.0190	6451743.4960	207.390	0.650	xy setout using manual entry, setout level using manual entry
Line Ex D/ Pit 1	298704.9810	6451940.8890	208.890	1.390	
Line Ex D/ Pit 2	298683.5840	6451945.1490	208.740	1.510	
Line Ex D/ Pit 3	298647.6540	6451949.9180	208.470	1.770	
Pit Ex D/1	298650.3730	6451966.3200	208.680	2.130	
Pit Ex F/1	298708.1170	6452165.6010	211.360	1.330	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit Ex F/2	298701.1340	6452115.7920	210.890	1.330	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit Ex F/3	298699.2900	6452102.6380	210.710	1.270	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit T/8	298697.6900	6452095.3450	210.650	1.240	xy setout to pit centre, setout level to finished surface tin at pit centre

STORMWATER PIT SET-OUT COORDINATES

PIT NAME	PIT SET-OUT DETAILS				REMARK
	EASTING	NORTHING	REDUCED LEVEL AT SET-OUT	DEPTH	
Pit Ex G/1	298721.6530	6452186.9240	211.500	1.390	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit Ex G/2	298712.4920	6452198.9250	211.560	1.550	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit Ex G/3	298708.8680	6452200.2050	211.390	1.410	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit Ex G/4	298701.1390	6452202.4730	211.490	1.570	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit Ex G/5	298691.2870	6452205.5530	211.400	1.870	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit Ex G/6	298679.3970	6452193.0970	210.960	1.300	
Pit Ex G/7	298621.1890	6452205.4310	210.000	0.920	xy setout to pit centre, setout level using manual entry
Pit ExE/1	298687.5280	6451961.4970	208.920	1.330	
Pit ExE/2	298680.4520	6451968.7830	209.080	1.670	
Pit ExE/3	298669.5540	6451970.4960	209.240	1.910	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit N/2	298659.8410	6451971.4420	208.900	1.740	
Pit F/1	298661.7000	6451841.0360	208.800	1.300	
Pit F/2	298665.2020	6451866.6070	208.680	1.320	
Pit F/3	298668.0300	6451874.4370	208.720	1.410	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit F/4	298669.7550	6451890.2690	208.570	1.360	
Pit F/5	298659.9870	6451891.6790	208.810	1.650	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit E/9	298648.5570	6451893.3520	208.510	1.470	setout level using manual entry
Pit G/1	298672.4700	6451918.4590	208.720	1.410	
Pit F/4	298669.7550	6451890.2690	208.570	1.360	
Pit N/1	298664.9000	6451995.3880	209.200	1.500	
Pit N/2	298659.8410	6451971.4420	208.900	1.740	
Pit Ex D/1	298650.3730	6451966.3200	208.900	2.350	
Pit O/1	298682.7300	6451994.5810	209.440	1.390	
Pit ExE/2	298680.4520	6451968.7830	209.080	1.670	
Pit P/1	298689.0330	6452168.9290	211.040	0.910	setout level to finished surface tin at pit centre
Pit P/2	298685.9790	6452158.6110	211.020	1.370	
Pit P/3	298679.9700	6452114.7410	210.380	1.330	setout level to finished surface tin at pit centre
Pit P/4	298675.6510	6452098.0450	210.370	1.420	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit P/5	298676.7660	6452091.5070	210.130	1.280	
Pit P/6	298669.4520	6452045.9420	209.490	1.120	
Pit P/7	298671.1110	6452033.4050	209.550	1.330	
Pit P/8	298670.2880	6452030.4620	209.490	1.310	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit Q/1	298691.4300	6452058.1020	210.080	1.330	
Pit Q/2	298687.7360	6452031.1280	209.790	1.410	
Pit Q/3	298687.8670	6452028.8440	209.730	1.430	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit R/1	298694.8660	6452083.1890	210.360	0.890	
Pit R/2	298698.0170	6452095.4370	210.660	1.300	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit R/4	298688.5510	6452096.5350	210.630	1.380	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit StAuA/1	298720.3340	6452166.8860	211.710	0.600	setout level using manual entry
Pit StAuA/2	298717.9350	6452173.3990	211.550	0.600	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit StAuB/1	298751.9870	6452167.5800	211.860	0.470	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit StAuB/2	298747.8590	6452165.3050	211.770	0.650	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit StAuB/3	298731.0550	6452169.4360	211.700	0.740	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit StAuC/1	298751.9240	6452190.8100	211.950	0.600	setout level using manual entry
Pit StAuC/2	298733.3020	6452184.5860	211.640	0.600	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit StAuC/3	298721.9670	6452186.1900	211.480	0.600	xy setout to pit centre, setout level to finished surface tin at pit centre
Pit T/1	298758.1790	6452171.1730	211.880	1.310	
Pit T/2	298741.0330	6452179.7530	211.650	1.270	
Pit T/3	298731.6690	6452175.9710	211.640	1.350	xy setout using manual entry, setout level to finished surface tin at pit centre
Pit T/4	298720.8470	6452177.9660	211.480	1.300	setout level using manual entry
Pit T/5	298709.8130	6452179.0560	211.320	1.220	xy setout using manual entry
Pit T/6	298706.1880	6452165.8530	211.220	1.190	
Pit T/7	298699.3650	6452116.0340	210.750	1.190	
Pit T/8	298697.6900	6452095.3450	210.650	1.240	xy setout to pit centre, setout level to finished surface tin at pit centre

NOTE:

1. xy setout to setout string
2. setout level to setout string
3. some setout xy or z levels have special setout data. See individual manhole remarks

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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ABN 82 153 018 800

18-130 - PART 7
STORMWATER
PIT SET-OUT COORDINATES
SHEET 1

Scale
Horizontal:

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- SM-0471 01	

A1 SHEET

LEGEND

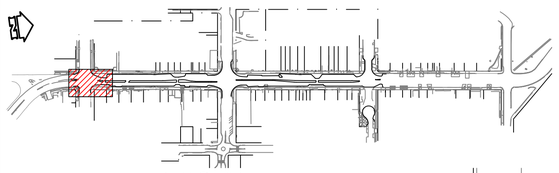
SW
- PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE
- PROPOSED Ø150 UPVC TO PIT TO PICK UP DOWNPIPES
- DENOTES PIPE FOR FOOTPATH DRAINAGE
- DENOTES SET- OUT

Ex DP - DENOTES APPROXIMATE LOCATION OF EXISTING DOWNPIPES TO BUILDINGS

OT - DENOTES OUTLET FROM 125x75 STORMWATER PIPE CAST INTO FOOTPATH. KERB FACE TO FLUSH WITH OUTLET

SIZE AND LOCATION OF DOWNPIPES TO BE DETERMINED ON SITE

DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS



KEY PLAN
SCALE: 1:5000 (A1)

CH 130 CH 140 CH 150 CH 160 CH 170 CH 180

FINAL PIT LOCATION WILL DEPEND ON EXISTING PIPE ALIGNMENT. SURFACE GRATE TO EXTEND INTO LANDSCAPE AREA

600X600 PIT WITH HEALPROOF CAST IN GRATE

COLES CARPARK

TRENCH GRATE #TG1
ACO KLASSIK DRAIN
k300 - 300mm WIDE x 300mm DEEP WITH STAINLESS STEEL WEDGE WIRE HEEL SAFE ANTI SLIP CLASS A GRATE.
LENGTH 16.0m.

ICV

Pit C/1

TG#1

x SL: 209.23 FALL 1.08% SL: 209.28 x FALL 0.66% x SL: 209.19
8350 7650

Pit D/2

NEW PIT 900x900 PIT WITH CONCRETE INFILL COVER

8735

Pit D/1

Pit Ex A/4

Pit D/3

NEW PIT 900x900 PIT WITH A HEAVY DUTY HINGED METAL GRATE

NEW LINTEL TO EXISTING. NATURE OF STORMWATER PIT UNKNOWN DUE TO NO ACCESS. EXISTING PIT TO BE RETAINED, BUT IT IS LIKELY TO BE LARGER THAN NORMAL

Pit Ex A/1

Pit A/1

Pit A/2

Pit Ex A/4

NEW LINTEL TO EXISTING PIT NATURE OF STORMWATER PIT UNKNOWN DUE TO NO ACCESS. EXISTING PIT TO BE RETAINED, BUT IT IS LIKELY TO BE LARGER THAN NORMAL

NEW LINTEL TO EXISTING PIT NATURE OF STORMWATER PIT UNKNOWN DUE TO NO ACCESS. EXISTING PIT TO BE RETAINED, BUT IT IS LIKELY TO BE LARGER THAN NORMAL

Pit Ex A/3

OT OT

ICV

SW SW

Ex DP Ex DP

DOWNPIPE TO BE RE-ALIGNED DOWN SIDE OF DRIVEWAY LOCATION OF DOWNPIPES TBC

Pit Ex A/2

THOROUGHBRED HOTEL

1 DP783597/ 218 KELLY STREET

TRANSCARE FFL 210.0

REFER TO SM-0512 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
03	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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ABN 82 153 018 800

18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 1- SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- SM-0511	04

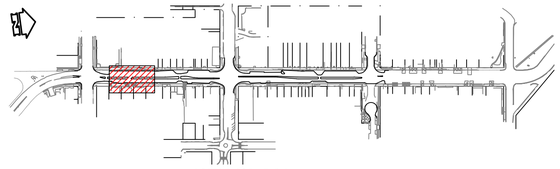
A1 SHEET

LEGEND

SW
- PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE
- PROPOSED Ø150 UPVC TO PIT TO PICK UP DOWNPIPES
- DENOTES PIPE FOR FOOTPATH DRAINAGE
- DENOTES SET- OUT

Ex DP - DENOTES APPROXIMATE LOCATION OF EXISTING DOWNPIPES TO BUILDINGS

OT - DENOTES OUTLET FROM 125x75 STORMWATER PIPE CAST INTO FOOTPATH. KERB FACE TO FLUSH WITH OUTLET



KEY PLAN

SCALE: 1:5000 (A1)

SIZE AND LOCATION OF DOWNPIPES TO BE DETERMINED ON SITE

~~DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS~~

CH 180 CH 190 CH 200 CH 210 CH 220 CH 230 CH 240

TG1
NN
DE x 300mm
LESS STEEL
L SAFE ANTI
NTE.

x SL: 209.19

SMOKE MART
FFL 208.87

TNL
PHYSIOTHERAPY
FFL 208.87

HAMMOND
CARE

DEMAINE
BOUTIQUE
FFL 208.76

MERLS ASIAN
GROCERS
FFL 208.72

RE
AU
BA
FF

Ex DP
SW
OT
LOCATION OF DOWNPIPES TBC
2xOT
1000mm BETWEEN LINTELS

Pit D/1
Pit E/4
Pit E/5
Pit E/6

TWIN OUTLETS AT 100mm CLEAR SPACES

REFER TO SM-0511 FOR NEXT PLAN

REFER TO SM-0513 FOR NEXT PLAN

Pit E/3

NEW 900X900 PIT WITH CONCRETE INFILL COVER TO HEIGHT OF CENTRAL MEDIAN

Pit E/2

NEW 900X900 PIT WITH 600x600 CONCRETE INFILL COVER

Pit E/1

NEW Ø300 UPVC PIPE B1EB/2 TO PIT E/2.

NEW Ø300 UPVC PIPE PIPE B1EA/1 TO PIT E/2

Ø300

Pit B1EB/2

Pit B1EA/1

Pit B1EB/1

NEW 600mm WIDE VEE DRAIN TO DRIVEWAY; DOWEL INTO EXISTING

NEW 600X600 PIT WITHIN DRIVEWAY, TO SUIT FOOTPATH LEVEL. NEW GRATE LEVEL TO BE
GL = 209.14
IL =208.54

UPGRADE EXISTING PIT AS PIT IS TOO SHALLOW. NEW PIT TO BE 600x600 A WITH HINGED METAL GRATE.
GL = 208.95 (TO MATCH EXISTING)
INLET PIPE = 208.62 (TO MATCH EXISTING)
INVERT OUT = 208.20

TRANSCARE
FFL 210.0

AMBULANCE
STATION FFL
209.41

IN FINANCIAL
SERVICES
FFL 209.54

ASSER HOUSE
CAFE
FFL 209.19

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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ABN 82 153 018 800

18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 1- SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- SM-0512	02

A1 SHEET

LEGEND

SW
- PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE
- PROPOSED Ø150 UPVC TO PIT TO PICK UP DOWNPIPES
- DENOTES PIPE FOR FOOTPATH DRAINAGE

Ex DP - DENOTES APPROXIMATE LOCATION OF EXISTING DOWNPIPES TO BUILDINGS

OT - DENOTES OUTLET FROM 125x75 STORMWATER PIPE CAST INTO FOOTPATH. KERB FACE TO FLUSH WITH OUTLET

- DENOTES SET- OUT

SIZE AND LOCATION OF DOWNPIPES TO BE DETERMINED ON SITE

DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS

CH 250 CH 260 CH 270 CH 280 CH 290 CH 300 CH 310

REGIONAL AUSTRALIA BANK FFL 208.71

AQUIS FFL 208.84

RAY WHITE ESTATE AGENTS FFL 208.9

SPORTS STORE FFL 208.85

EYECARE PLUS FFL 208.85

DOMINOES FFL 208.81

SUBWAY FFL 208.8

SERHANS FFL 208.89

VACANT FFL 208.88

REJECT S FFL 208.6

Pit E/6 Pit E/7 Pit E/8 Pit E/9 Pit E/10

TRENCH GRATE #TG2
ACO KLASSIK DRAIN
k300 - 300mm WIDE x 300mm DEEP WITH STAINLESS STEEL WEDGE WIRE HEEL SAFE ANTI SLIP CLASS A GRATE.
LENGTH 21.5m.

TG#2

x SL = 208.72 FALL 0.51% 21500 FALL 0.51% SL = 208.61 x

PIT E/8 UNDER. 600x600 PIT WITH CAST IN HEEL PROOF GRATE. PIT HEIGHT MAY NEED TO BE ADJUSTED

Pit F/6

NEW 900X900 PIT WITH CONCRETE INFILL COVER TO HEIGHT OF CENTRAL MEDIAN.

REFER TO SM-0512 FOR NEXT PLAN

REFER TO SM-0514 FOR NEXT PLAN

Pit F/1 Pit F/2 Pit F/3 Pit B1EC/1 Pit B1ED/1 Pit B1ED/2 Pit F/4 Pit F/5 Pit B1EE/1 Pit G/2

NEW Ø225 UPVC PIPE B1EC/1 TO CONNECT PIT TO PIT F/2. DISCHARGE IL = 208.00

POTENTIAL CLASH OF SERVICES

600x600 CAST IN HEEL PROOF GRATE

TRENCH GRATE #TG3
ACO KLASSIK DRAIN
k300 - 300mm WIDE x 300mm DEEP WITH STAINLESS STEEL WEDGE WIRE HEEL SAFE ANTI SLIP CLASS A GRATE.
LENGTH 11.5m.

TG#3

600x600 CONCRETE PIT WITH HEAVY DUTY CAST IN METAL GRATE

RECONNECT/EXTEND EXISTING Ø300 INTO NEW PIT

DUAL INLETS AT SAG

Ø225 Ø300 Ø300

LOCATION OF DOWNPIPES TBC

LOCATION UNKNOWN

UPGRADE EXISTING PIT TO 450x450 CONCRETE PIT WITH LIGHT DUTY HINGED METAL GRATE
GL = 208.80
IL = 208.20
PIT TO MISS EXISTING ELECTRICAL PILLAR

LOCATE EXISTING PIPE ONSITE TO ENSURE PIPE CONNECTION INTO SYSTEM
EXISTING PIT
GL = 208.85
IL = 208.52

UPGRADE EXISTING PIT TO 600x600 STORMWATER PIT WITH HEAVY DUTY METAL GRATE
GL = 208.81
IL = 208.21

UPGRADE EXISTING PIT TO 600x600 STORMWATER PIT WITH HEAVY DUTY METAL GRATE
GL = 208.82
IL = 208.22

DRIVEWAY TO REAR OF THE COTTAGE TO BE REPLACED WITH NEW CONCRETE SLAB

MACQUEEN POTTER FFL 209.17

MacCALLUM INGLIS FFL 209.32

THE COTTAGE

COMMONWEALTH BANK FFL 209.1

KEY PLAN
SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	25/10/2023	CA
02	ISSUED FOR CONSTRUCTION	28/07/2023	CA
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KELLY STREET REVITALISATION PROJECT
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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 1- SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- SM-0513	03

A1 SHEET

LEGEND

SW - PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE

- PROPOSED Ø150 UPVC TO PIT TO PICK UP DOWNPIPES

- DENOTES PIPE FOR FOOTPATH DRAINAGE

- DENOTES SET- OUT

Ex DP - DENOTES APPROXIMATE LOCATION OF EXISTING DOWNPIPES TO BUILDINGS

OT - DENOTES OUTLET FROM 125x75 STORMWATER PIPE CAST INTO FOOTPATH. KERB FACE TO FLUSH WITH OUTLET

SIZE AND LOCATION OF DOWNPIPES TO BE DETERMINED ON SITE

DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS

KEY PLAN

SCALE: 1:5000 (A1)

REFER TO SM-0513 5FOR NEXT PLAN

REFER TO SM-0521 5FOR NEXT PLAN

CH 320

CH 330

CH 340

CH 350

CH 360

CH 380

REJECT SHOP
FFL 208.65

VINNIES
FFL 208.81

POST OFFICE

BRICKWORK EDGING TO REMAIN

LOCATION OF DOWNPIPES FOR OFFICE TO BE DETERMINED

Ex DP Ex DP

SW SW

OT OT

ICV

Ex

Pit Ex D/3

Pit E/16

Pit E/15

Pit E/14

Pit E/13

Pit E/12

Pit E/11

t E/10

Pit Ex D/5

NEW PIT AND NEW LINTEL

Pit N/5

REPLACE AND RE-GRADE EXISTING LINTEL. EXISTING PIT TO BE RETAINED

Pit ExE/4

Pit N/4

Pit N/3

REPLACE AND RE-GRADE EXISTING LINTEL. EXISTING PIT TO BE RETAINED

Pit ExE/3

EXISTING PIT TO BE RETAINED ALBEIT GRATE TO BE LIFTED TO REFLECT NEW PAVEMENT OVERLAY. PIT TO BE MOVED IN STAGE 2.0

DOWNPIPE LOCATION TO BE CONFIRMED ONSITE

Pit O/3

Pit ExE/2

REMOVE EXISTING LINTEL EXISTING PIT TO BE RETAINED. NEW CONCRETE LID TO BE INSTALLED

Line Ex D/2

Line D1a/2

Pit ExE/1

Pit G/1

EXISTING Ø300 UPVC PIPE UNDER DOOR TO DUSTY DIAMONDS. CONTRACTOR TO LOCATE

DUSTY DIAMONDS
FFL 208.89

NATIONAL AUSTRALIA BANK
FFL 209.64

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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 1- SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

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Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
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A1 SHEET

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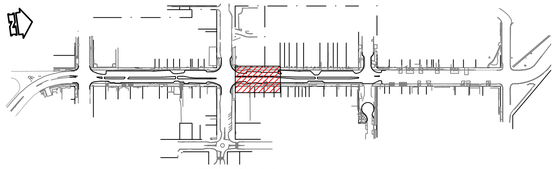
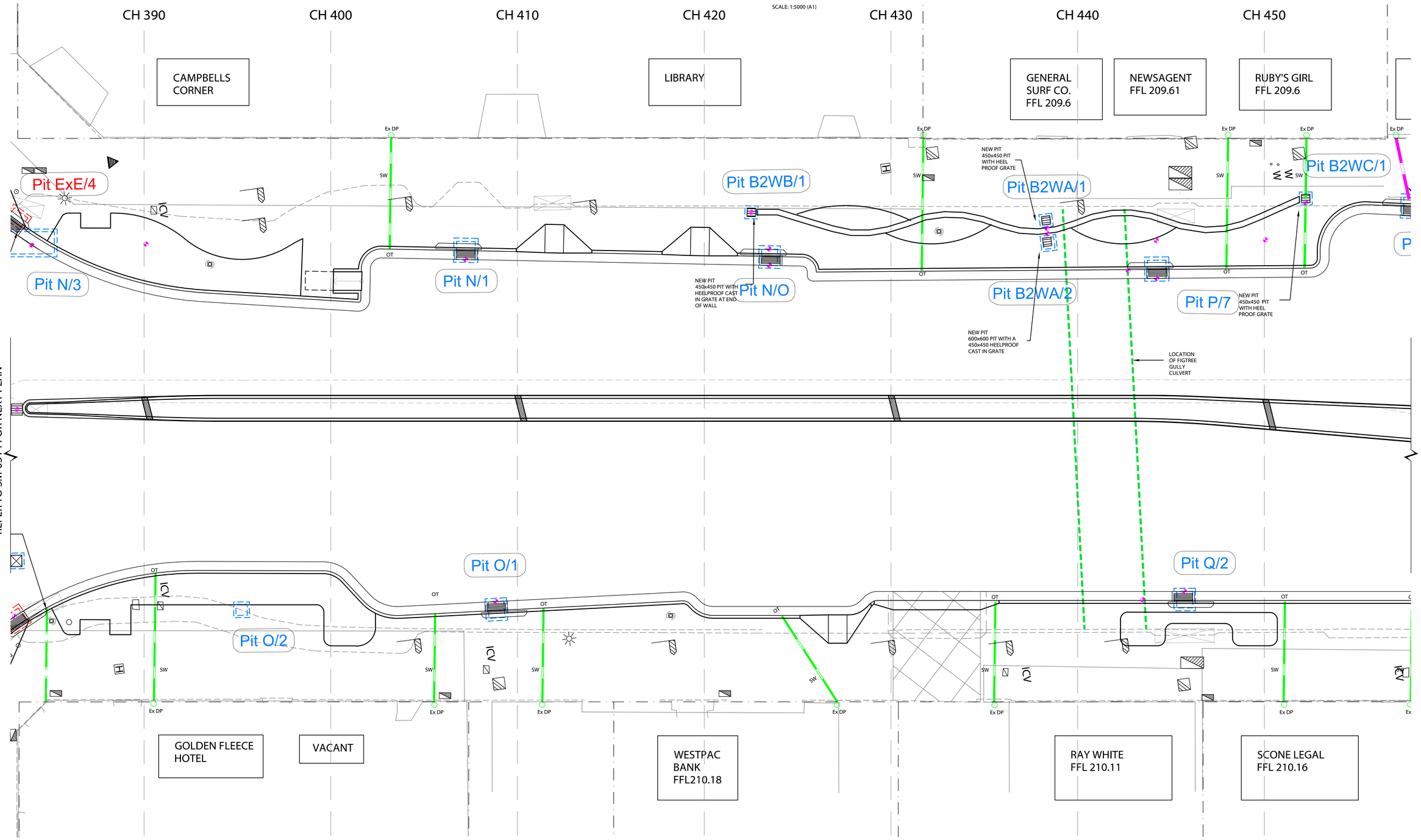


KEY PLAN

SCALE: 1:5000 (A1)



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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 2 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- SM-0521	03

A1 SHEET

LEGEND

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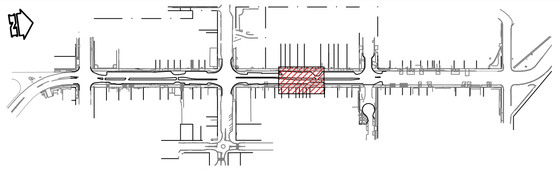
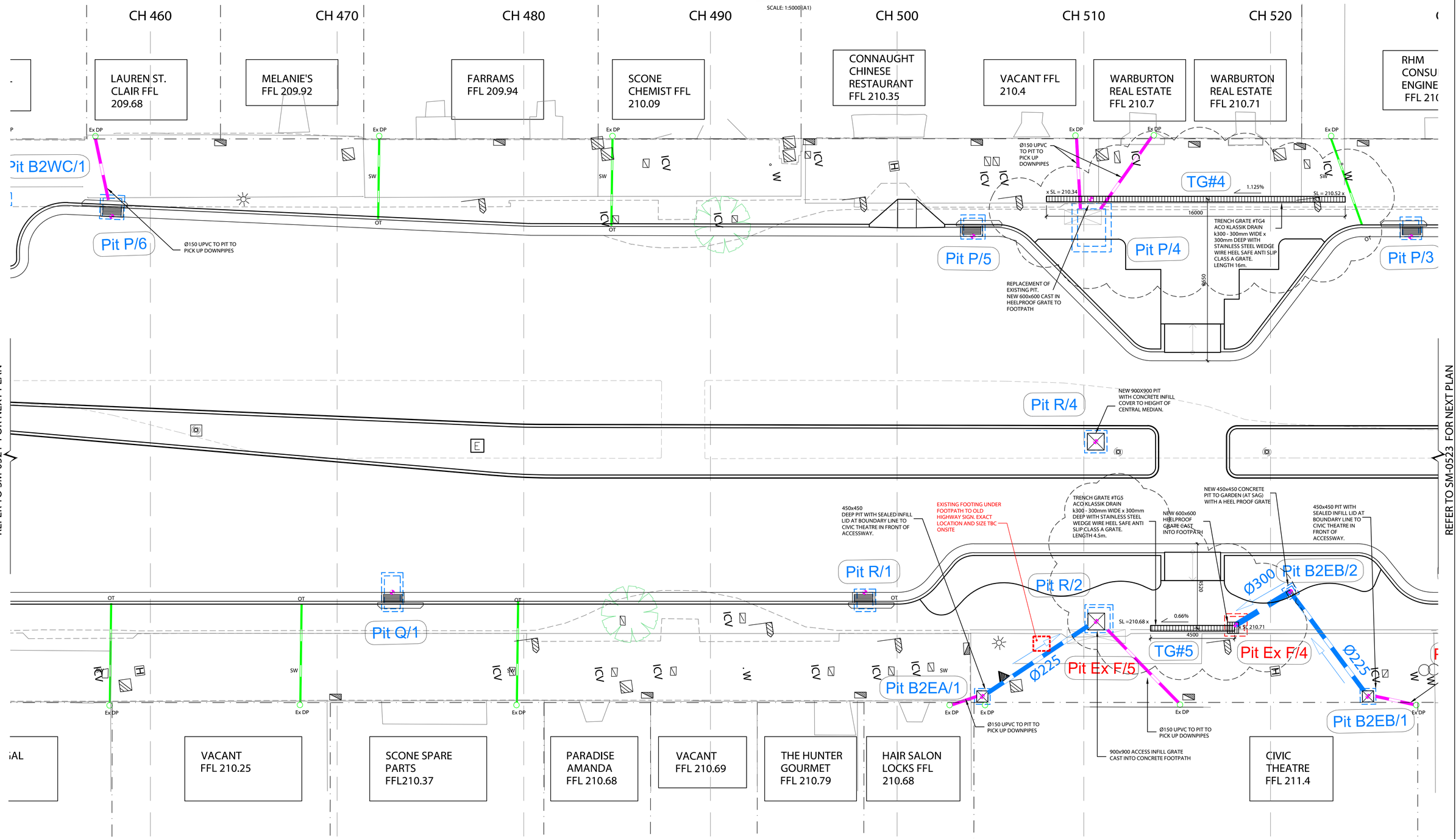
DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS



KEY PLAN

SCALE: 1:5000 (A1)



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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 2 - SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: CONS- SM-0522 05 Rev
Date	OCT 23	

A1 SHEET

LEGEND

SW
- PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE
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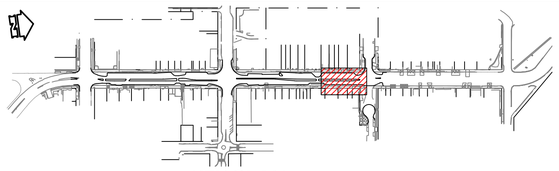
- DENOTES SET- OUT

Ex DP - DENOTES APPROXIMATE LOCATION OF EXISTING DOWNPIPES TO BUILDINGS

OT - DENOTES OUTLET FROM 125x75 STORMWATER PIPE CAST INTO FOOTPATH. KERB FACE TO FLUSH WITH OUTLET

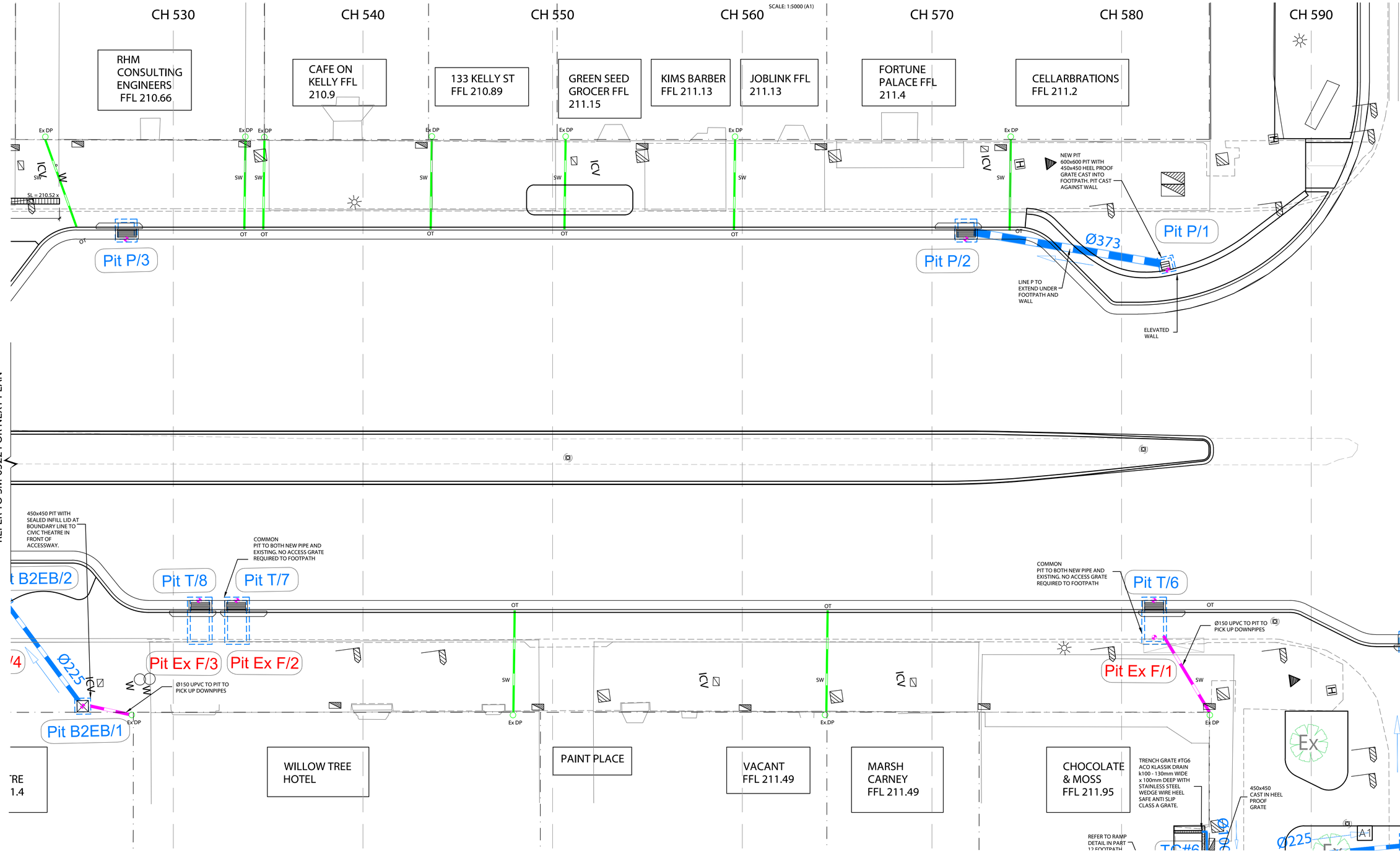


KEY PLAN

SCALE: 1:5000 (A1)

SIZE AND LOCATION OF DOWNPIPES TO BE DETERMINED ON SITE

DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS



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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 2 - SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	JULY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- SM-0523 03 Rev

A1 SHEET

LEGEND

SW
- PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE
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- DENOTES PIPE FOR FOOTPATH DRAINAGE
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Ex DP - DENOTES APPROXIMATE LOCATION OF EXISTING DOWNPIPES TO BUILDINGS

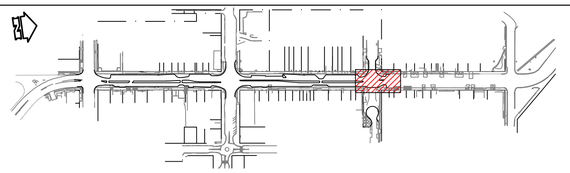
OT - DENOTES OUTLET FROM 125x75 STORMWATER PIPE CAST INTO FOOTPATH. KERB FACE TO FLUSH WITH OUTLET

SIZE AND LOCATION OF DOWNPIPES TO BE DETERMINED ON SITE

DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS

KEY PLAN

SCALE: 1:5000 (A1)



CH 570 CH 580 CH 590 CH 600 CH 610 CH 620 CH 630

FORTUNE PALACE FFL 211.4

CELLARBRATIONS FFL 211.2

ROYAL HOTEL

Pit Ex G/7

Ø600

600x600 HEEL PROOF CAST IN GRATE TO FOOTPATH

Ex DP

SW

ICV

NEW PIT 600x600 PIT WITH 450x450 HEEL PROOF GRATE CAST INTO FOOTPATH. PIT CAST AGAINST WALL

Pit P/1

Pit P/2

Ø373

OT

LINE P TO EXTEND UNDER FOOTPATH AND WALL

ELEVATED WALL

Pit Ex G/6

TG#7

0.4%

OVERFLOW CHANNEL BENEATH FOOTPATH. REFER TO DETAIL B ON DWG SM-0602

CONNECT DP INTO EXISTING PIT WITH Ø150 UPVC PIPE.

TG7 - TRENCH GRATE ACO. 500mm WIDE CAST IN METAL GRATE TO FOOTPATH.

600x600 HEEL PROOF CAST IN GRATE TO FOOTPATH.

FUTURE PROVISION FOR Ø600 PIPE TO BLOCK B3

REFER TO DETAIL A ON DWG SM-0602

REFER TO SM-0523 FOR NEXT PLAN

Pit Ex G/5

900x900 ACCESS INFILL COVER

SEALED LID UNDER PAVEMENT.

Pit Ex G/4

Pit Ex G/3

600x600 ACCESS INFILL COVER CAST INTO CONCRETE FOOTPATH OVER EXISTING PIT. EXISTING PIT TO BE RETAINED

Ø450

COMMON PIT TO BOTH NEW PIPE AND EXISTING. NO ACCESS GRATE REQUIRED TO FOOTPATH

Pit T/6

OT

Ø150 UPVC TO PIT TO PICK UP DOWNPIPES

Pit T/5

Pit Ex F/1

SW

Ex DP

ICV

Ø373

Pit Ex G/2

Ø375

MARSH CARNEY FFL 211.49

CHOCOLATE & MOSS FFL 211.95

TRENCH GRATE #TG6 ACO KLASSIK DRAIN k100 - 130mm WIDE x 100mm DEEP WITH STAINLESS STEEL WEDGE WIRE HEEL SAFE ANTI SLIP CLASS A GRATE.

450x450 CAST IN HEEL PROOF GRATE

900x900 CAST IN HEEL PROOF GRATE TO GARDEN

A1

EXISTING PIT TO BE EXTENDED INTO LANDSCAPE AREA WITH NEW METAL GRATE.

VACANT FFL 211.67

LAUNDRY ON KELLY FFL 211.74

REFER TO SM-0525 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 2 - SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- SM-0524 03	

A1 SHEET

LEGEND

SW - PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE

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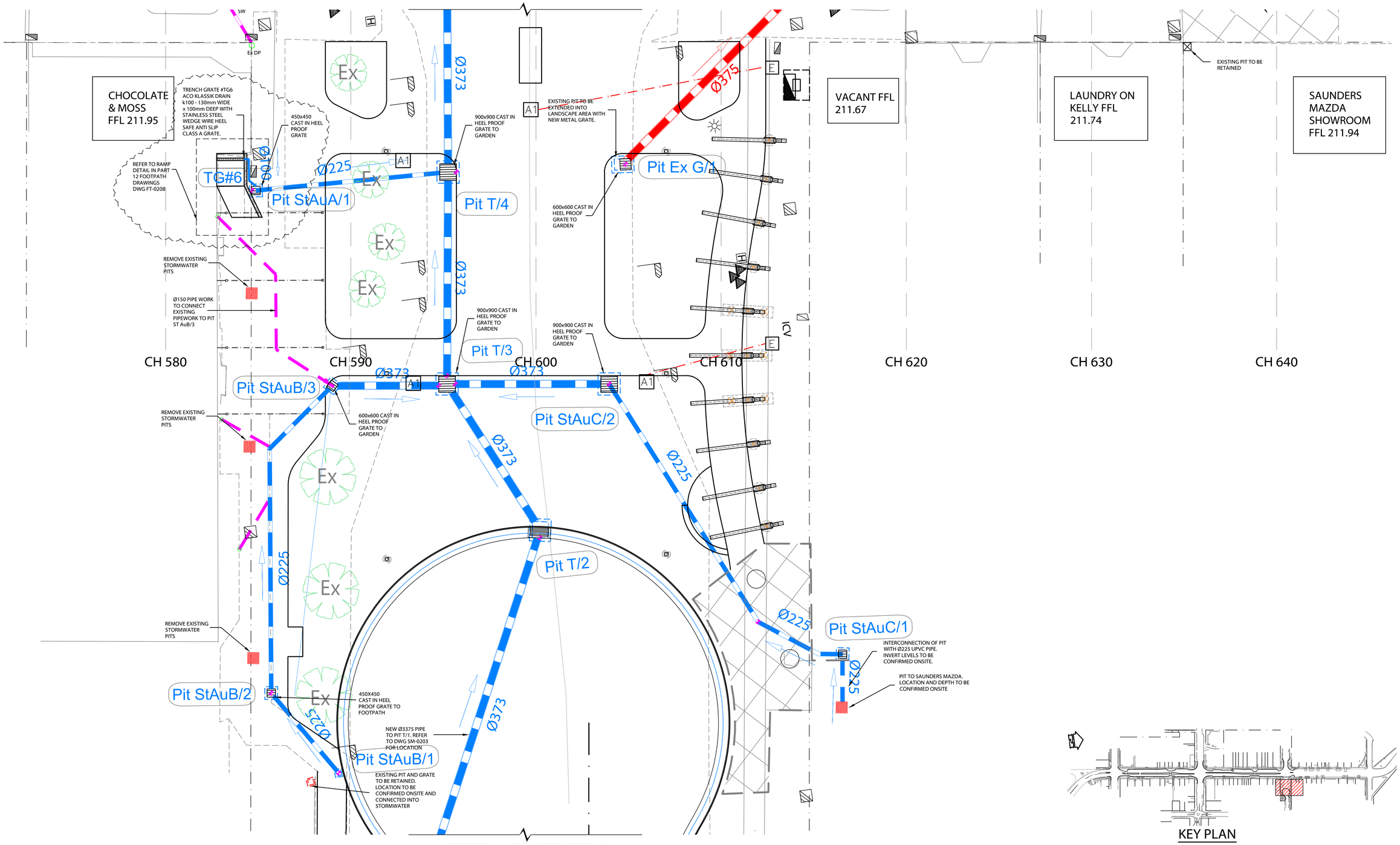
DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS

REFER TO SM-0524 FOR NEXT PLAN



REFER TO SM-0526 FOR NEXT PLAN

KEY PLAN

SCALE: 1:5000 (A1)

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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 2 - SHEET 5

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers

Project Engineer/Director Date

Drawing No: CONS- SM-0525 04 Rev

A1 SHEET

LEGEND

SW

- PROPOSED 125x75x2.5mm RHS FROM EXISTING DOWNPIPE TO KERB. DOWNPIPE UNDER PROPOSED FOOTPATH SIZE LOCATION TO BE DETERMINED ON SITE
- PROPOSED Ø150 UPVC TO PIT TO PICK UP DOWNPIPES
- DENOTES PIPE FOR FOOTPATH DRAINAGE
- DENOTES SET- OUT

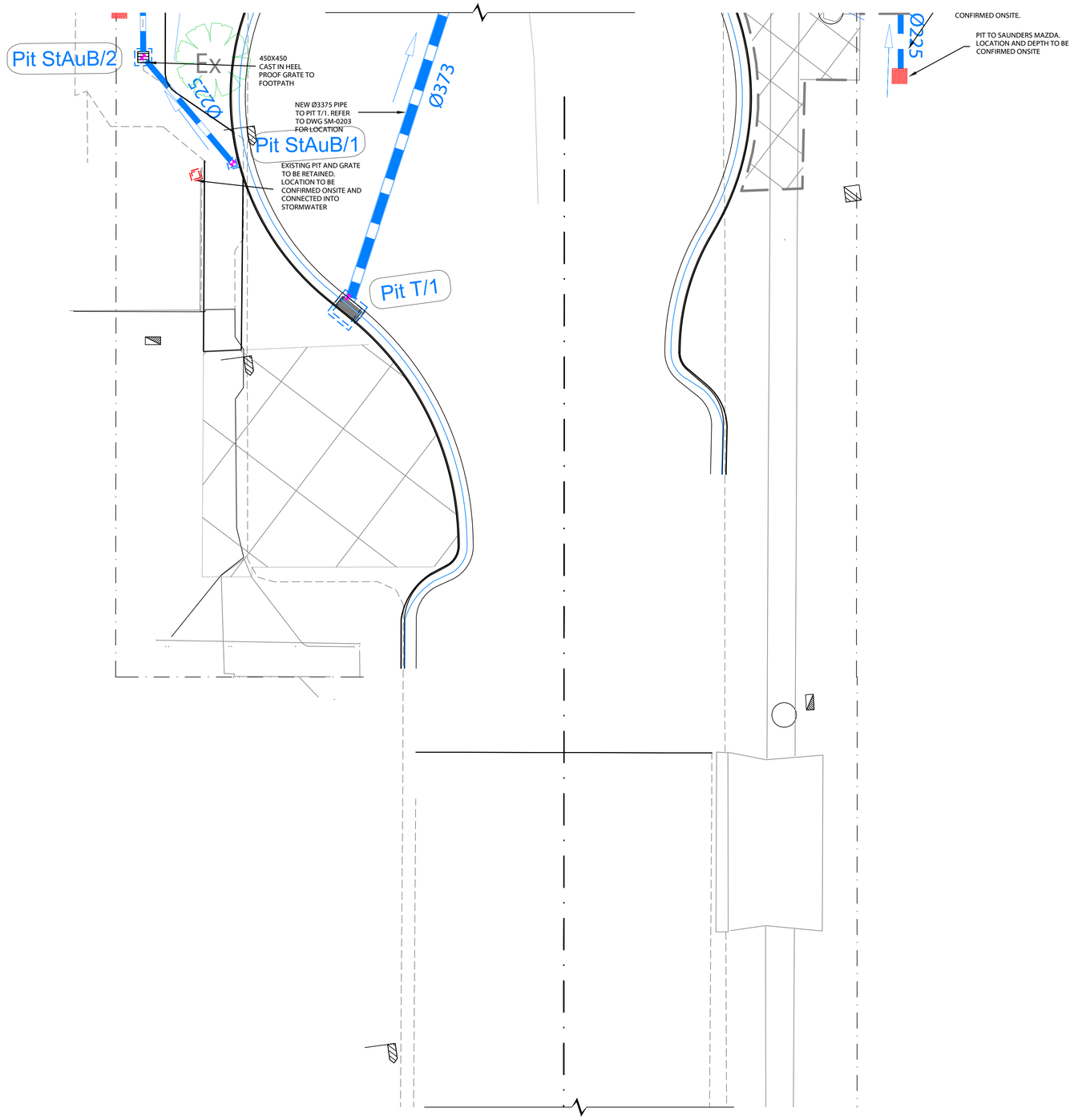
Ex DP - DENOTES APPROXIMATE LOCATION OF EXISTING DOWNPIPES TO BUILDINGS

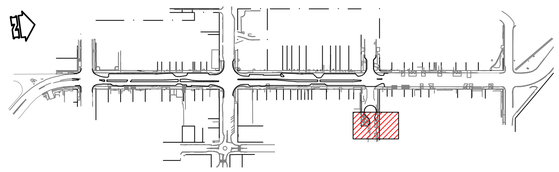
OT - DENOTES OUTLET FROM 125x75 STORMWATER PIPE CAST INTO FOOTPATH. KERB FACE TO FLUSH WITH OUTLET

SIZE AND LOCATION OF DOWNPIPES TO BE DETERMINED ON SITE

DRAINAGE TO MEDIANS INDICATED ON MEDIAN DRAWINGS

REFER TO SM-0525 FOR NEXT PLAN





KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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KELLY STREET REVITALISATION PROJECT
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18-130 - PART 7
FOOTPATH STORMWATER MANAGMENT PLAN
BLOCK 2 - SHEET 6

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

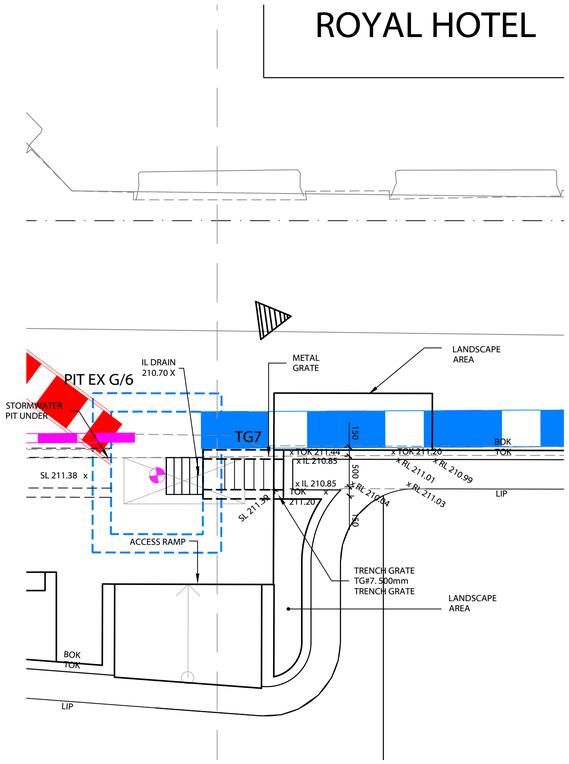
CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	JUNE 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

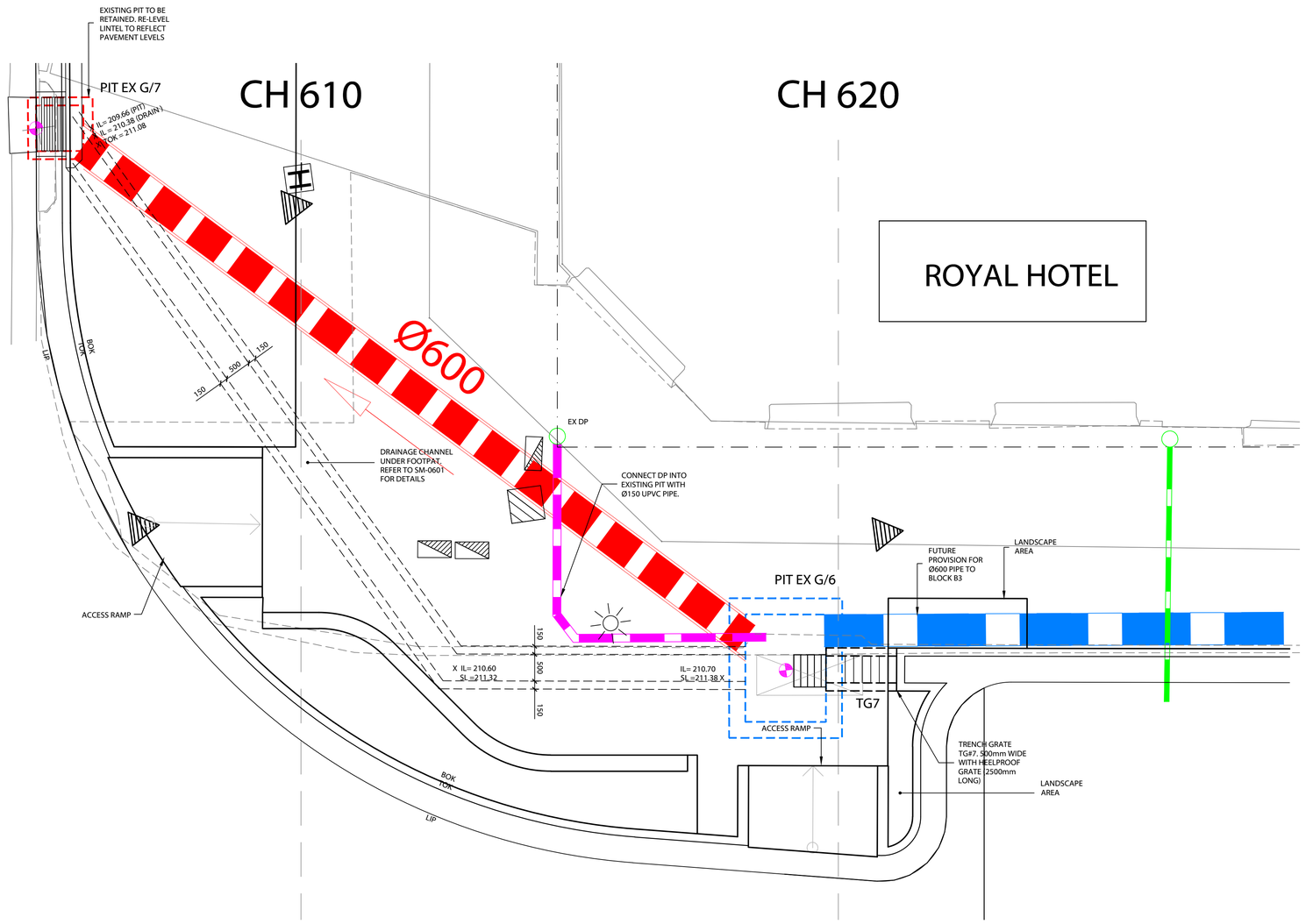
Drawing No: Rev
CONS- SM-0526 03

A1 SHEET



DETAIL A - TRENCH GRATE DETAIL (TG7) TO ROYAL HOTEL - KELLY STREET

SCALE 1:50 (A1)



DETAIL B - TRENCH GRATE TG7 DETAIL TO ROYAL HOTEL - KELLY STREET

SCALE 1:50 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				

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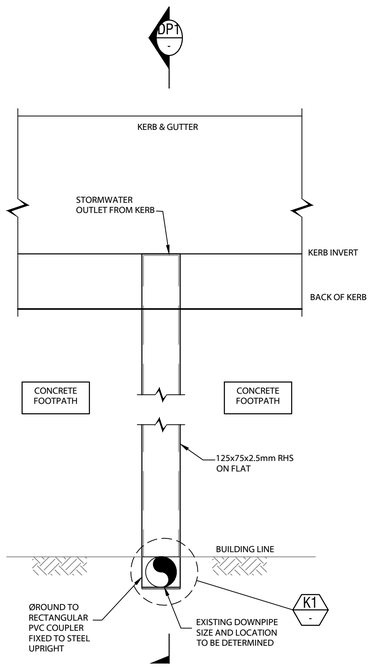
18-130 - PART 7
FOOTPATH STORMWATER
TYPICAL DETAILS
SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

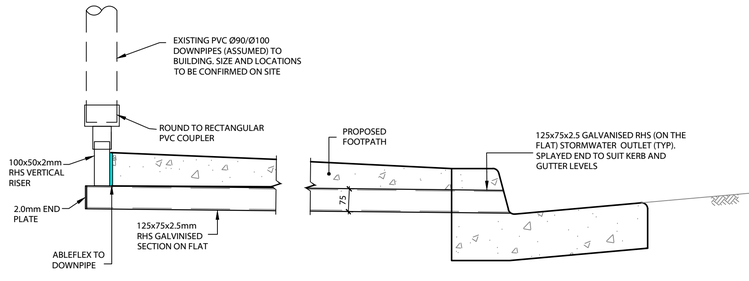
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	MAY 23	CONS- SM-0600	02

A1 SHEET



DOWNPIPE TO KERB DETAIL

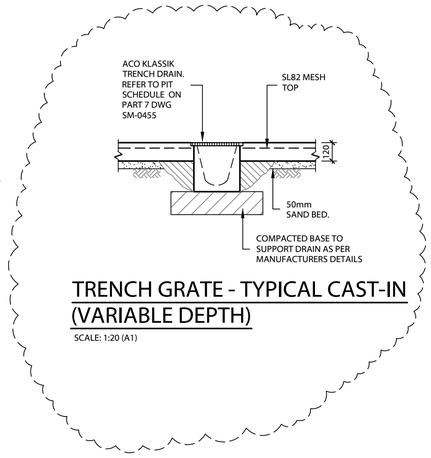
SCALE: 1:10 (A1)



SECTION DP1 -

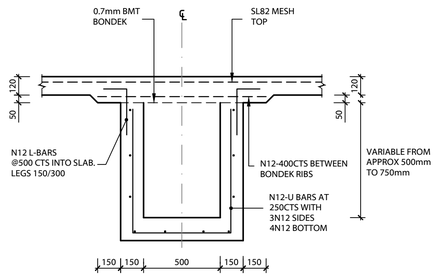
SCALE 1:10 (A1)

NOTE: IF DUAL OUTLETS REQUIRED, EACH OUTLET MUST BE AT LEAST 100mm APART



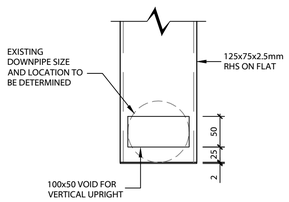
TRENCH GRATE - TYPICAL CAST-IN (VARIABLE DEPTH)

SCALE: 1:20 (A1)



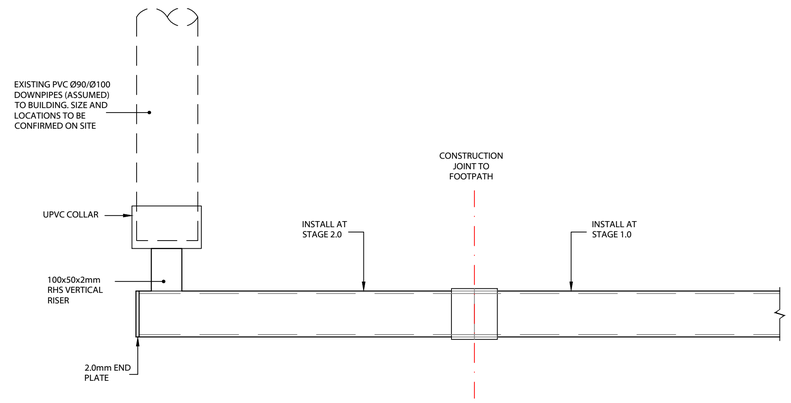
DRAINAGE CHANNEL TO ROYAL HOTEL

SCALE: 1:20 (A1)



DETAIL K1

SCALE: 1:5 (A1)



CONSTRUCTION STAGES FOR DOWNPIPES

SCALE: 1:5 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	DETAILED DESIGN	31/03/2023	CA

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18-130 - PART 7
FOOTPATH STORMWATER
TYPICAL DETAILS
SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

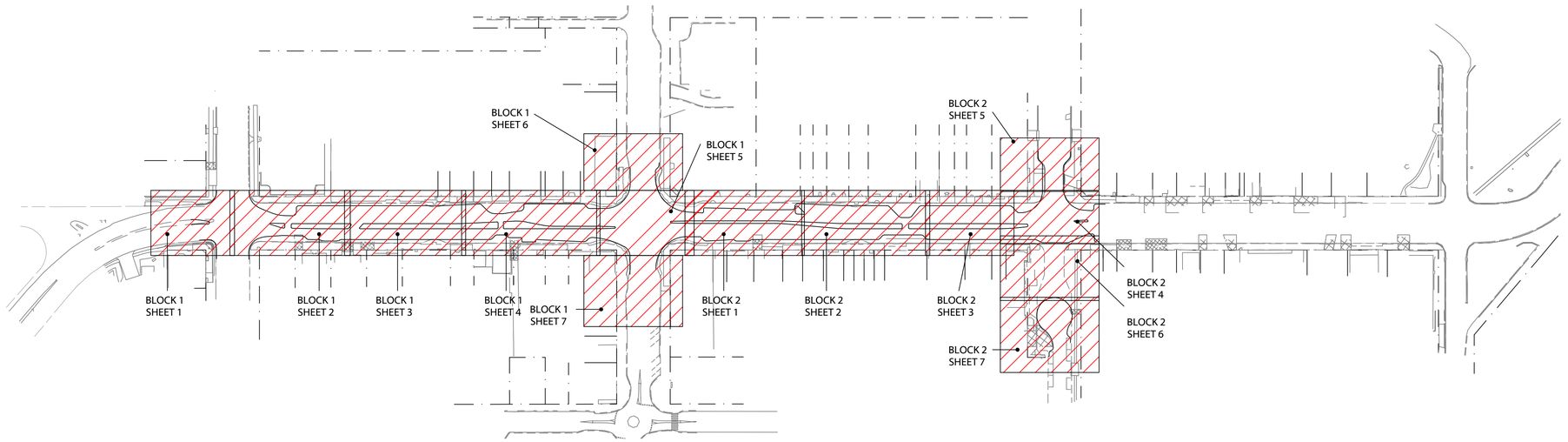
CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: Rev
CONS- SM-0601 02

A1 SHEET



KEY PLAN - OVERALL SHEET ARRANGEMENT

SCALE: 1:1500 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	DETAILED DESIGN	25/10/2023	CA				
01	DETAILED DESIGN	05/05/2023	CA				

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18-130 - PART 9
PAVEMENT PLAN
OVERALL PLAN

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers

Project Engineer/Director Date

Drawing No: CONS- PV-0100 02 Rev

A1 SHEET

LEGEND

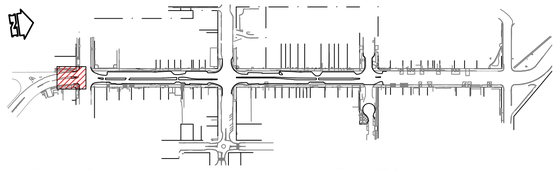
- J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS
- J10d — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
- J2d — LONGITUDINAL DRILL: TIED AND FORMED. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.
- K1 — K1 DETAIL. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.

(UHSC KERB) -	SA TYPE KERB. REFER TO UHSC DETAIL.
(SF) -	SF TYPE KERB. REFER TO TFNSW DETAIL.
(SM) -	SM TYPE KERB. REFER TO TFNSW DETAIL.

FOR PAVEMENT JOINTS REFER TO TFNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES



KEY PLAN
SCALE: 1:5000 (A1)

CH 120 CH 130 CH 140 CH 150 CH 160 CH 170 CH 180

EXISTING SIGN TO COLES CARPARK

COLES CARPARK

BLEND NEW SA KERB INTO EXISTING

350

(UHSC KERB)

EXTENT OF CONCRETE TO PAVEMENT

EXISTING JOINTS TO CONCRETE

EXTENT OF SLAB UNDER EXISTING MEDIAN TO BE CONFIRMED

RAMP TO FOOTPATH

BLEND NEW SA KERB INTO EXISTING

NEW MEDIAN

UPON REMOVAL OF MEDIAN, FILL VOID WITH PAVEMENT TYPE #4. BLEND TO SURFACE.

EXISTING MEDIAN TO BE REMOVED

(SF)

EXISTING MEDIAN TO BE REMOVED

KELLY STREET

OVERLAY TO TfNSW DETAILS

NOTE THE OVERLAY HEIGHT OVER THE CONCRETE PAVEMENT AT THE JOINT TYPE

2500 3600 2500

EXISTING JOINTS TO CONCRETE

PAVEMENT TYPE 9 - WOMBAT CROSSING

DOWEL MEDIAN TO RAISED CONCRETE CROSSING

SERVICES TRENCH TO NEW MEDIAN

NEW DRIVEWAY AND CROSSOVER

BLEND TRANSITION INTO LIP OF EXISTING KERB ALIGNMENT TO REFLECT EXISTING

SAWCUT EXISTING SURFACE FOR SMOOTH TRANSITION

BLEND INTO EXISTING

THOROUGHBRED HOTEL

1 DP783597/ 218 KELLY STREET

TRANSCARE FFL 210.0

KINGD

REFER TO PV-0102 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	DETAILED DESIGN	25/10/2023	CA				

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18-130 - PART 9
PAVEMENT PLAN
BLOCK 1 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: CONS- PV-0101 Rev 01
Date	OCT 23	

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

LEGEND

- J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS
- J10d — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
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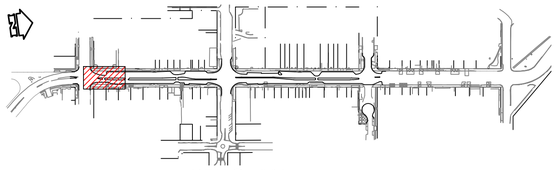
- K1 — K1 DETAIL. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.

(UHSC KERB) - SA TYPE KERB. REFER TO UHSC DETAIL.
(SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
(SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.



KEY PLAN
SCALE: 1:5000 (A1)

CH 180 CH 190 CH 200 CH 210 CH 220 CH 230 CH 240

SMOKE MART FFL 208.87
TNL PHYSIOTHERAPY FFL 208.87
HAMMOND CARE
DEMAINE BOUTIQUE FFL 208.76
MERLS ASIAN GROCERS FFL 208.72
REGI AUST BANI FFL 2

(UHSC KERB)
OVERLAY TO TfNSW DETAILS
EXISTING JOINTS TO CONCRETE
EXISTING ASPHALT TO BE REMOVED
KELLY STREET
RL 209.359
RL 209.491
RL 209.452
NEW DRIVEWAY AND CROSSOVER
NEW STORMWATER PIPE UNDER
SERVICES TRENCH TO NEW MEDIAN

TRANSCARE FFL 210.0
AMBULANCE STATION FFL 209.41
IN FINANCIAL SERVICES FFL 209.54
ASSER HOUSE CAFE FFL 209.19

REFER TO PV-0101 FOR NEXT PLAN

REFER TO PV-0103 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	DETAILED DESIGN	25/10/2023	CA				

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18-130 - PART 9
PAVEMENT PLAN
BLOCK 1 - SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- PV-0102	01

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

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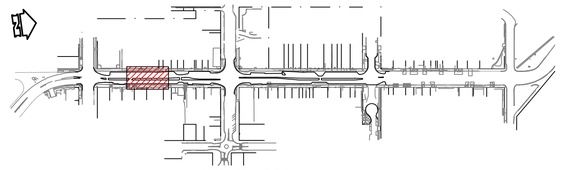
- (SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
- (SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.



KEY PLAN

SCALE: 1:5000 (A1)

CH 240 CH 250 CH 260 CH 270 CH 280 CH 290 CH 300 CH 310

S ASIAN ERS 8.72

REGIONAL AUSTRALIA BANK FFL 208.71

AQUIS FFL 208.84

RAY WHITE ESTATE AGENTS FFL 208.9

SPORTS STORE FFL 208.85

EYECARE PLUS FFL 208.85

DOMINOES FFL 208.81

SUBWAY FFL 208.8

SERHANS FFL 208.89

VACANT FFL 208.88

INFILL SLAB TO EXISTING EXISTING MEDIAN

EXISTING MEDIAN TO BE REMOVED AND REPLACED. BLEND INTO EXISTING

KELLY STREET

EXISTING JOINTS TO CONCRETE

OVERLAY TO TfNSW DETAILS

EXISTING MEDIAN TO BE REMOVED

EXISTING MEDIAN TO BE REMOVED

EXISTING JOINTS TO CONCRETE

(UHSC KERB)

350

SERVICES TRENCH TO NEW MEDIAN

NEW DRIVEWAY TO COTTAGE

NEW STORMWATER PIPE UNDER

ASSER HOUSE CAFE FFL 209.19

MACQUEEN POTTER FFL 209.17

MacCALLUM INGLIS FFL 209.32

Ex

Ex

COMMONWEALTH BANK FFL 209.1

REFER TO PV-0102 FOR NEXT PLAN

REFER TO PV-0104 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	DETAILED DESIGN	25/10/2023	CA				

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ABN 82 153 018 800

18-130 - PART 9
PAVEMENT PLAN
BLOCK 1 - SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- PV-0103 01

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

LEGEND

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- J2d — LONGITUDINAL DRILL: TIED AND FORMED. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.
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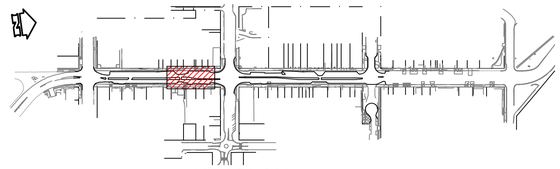
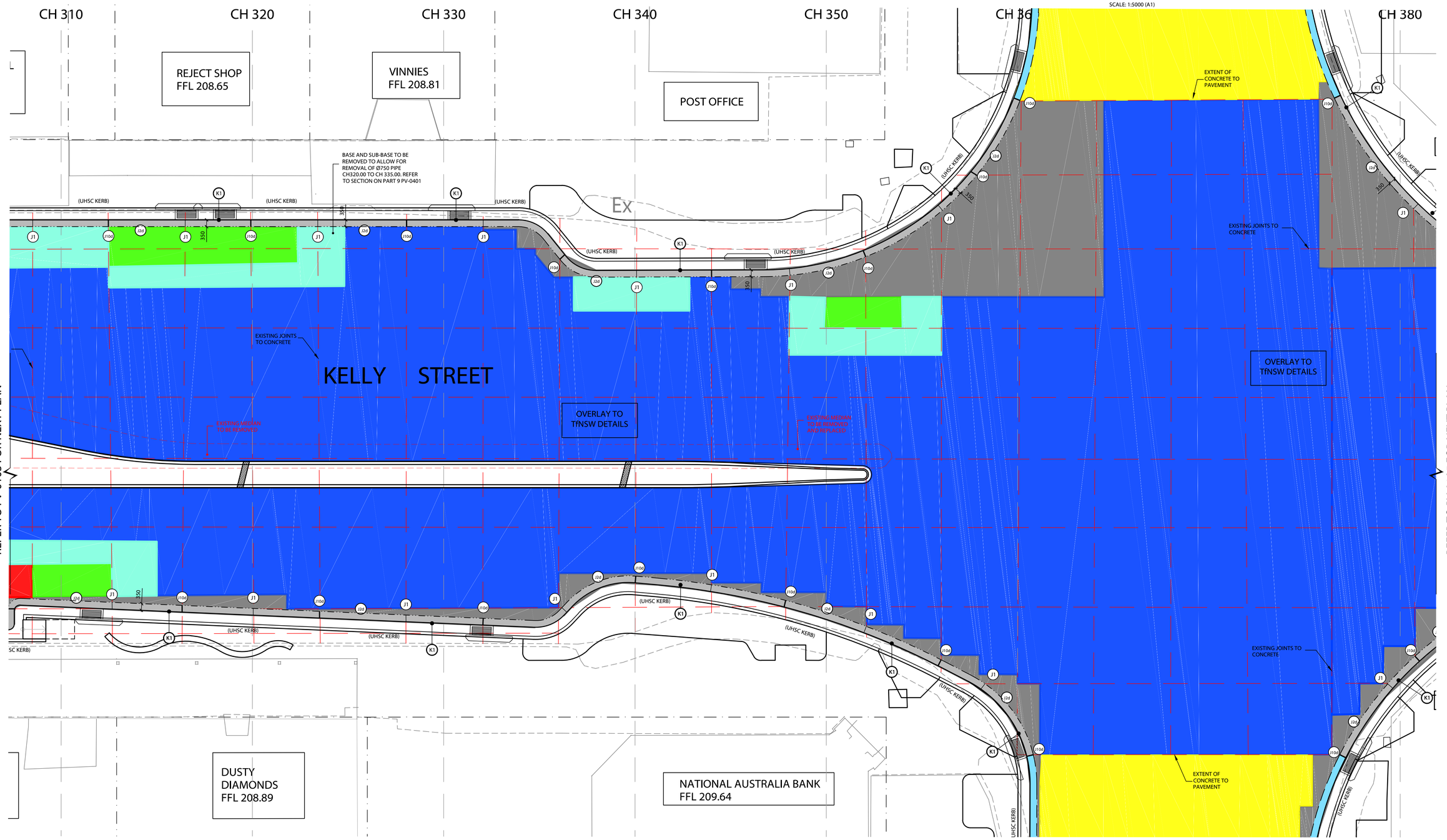
- (SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
- (SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.



KEY PLAN

SCALE: 1:5000 (A1)



REFER TO PV-0103 FOR NEXT PLAN

REFER TO PV-0105 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	DETAILED DESIGN	25/10/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337
Telephone: (02) 6540 1100
Facsimile: (02) 6545 2671
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KELLY STREET REVITALISATION PROJECT
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www.rhmce.com.au
ABN 82 153 018 800

18-130 - PART 9
PAVEMENT PLAN
BLOCK 1 - SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- PV-0104 01

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

LEGEND

- J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS
- J10d — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
- J2d — LONGITUDINAL DRILL: TIED AND FORMED. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.
- K1 — K1 DETAIL. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.

(UHSC KERB) - SA TYPE KERB. REFER TO UHSC DETAIL.
(SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
(SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.

REFER TO PV-0106 FOR NEXT PLAN

CH 340 CH 350 CH 360 CH 380 CH 390 CH 400 CH 410

POST OFFICE

CAMPBELLS CORNER

EXTENT OF CONCRETE TO PAVEMENT

EXISTING JOINTS TO CONCRETE

OVERLAY TO TfNSW DETAILS

KELLY STREET

EXISTING ASPHALT TO BE REMOVED AND REPLACED

(UHSC KERB)

350

REFER TO PV-0104 FOR NEXT PLAN

REFER TO PV-0201 FOR NEXT PLAN

NATIONAL AUSTRALIA BANK FFL 209.64

GOLDEN HOTEL

REFER TO PV-0107 FOR NEXT PLAN

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA
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01	DETAILED DESIGN	05/05/2023	CA

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ABN 82 153 018 800

18-130 - PART 9
PAVEMENT PLAN
BLOCK 1 - SHEET 5

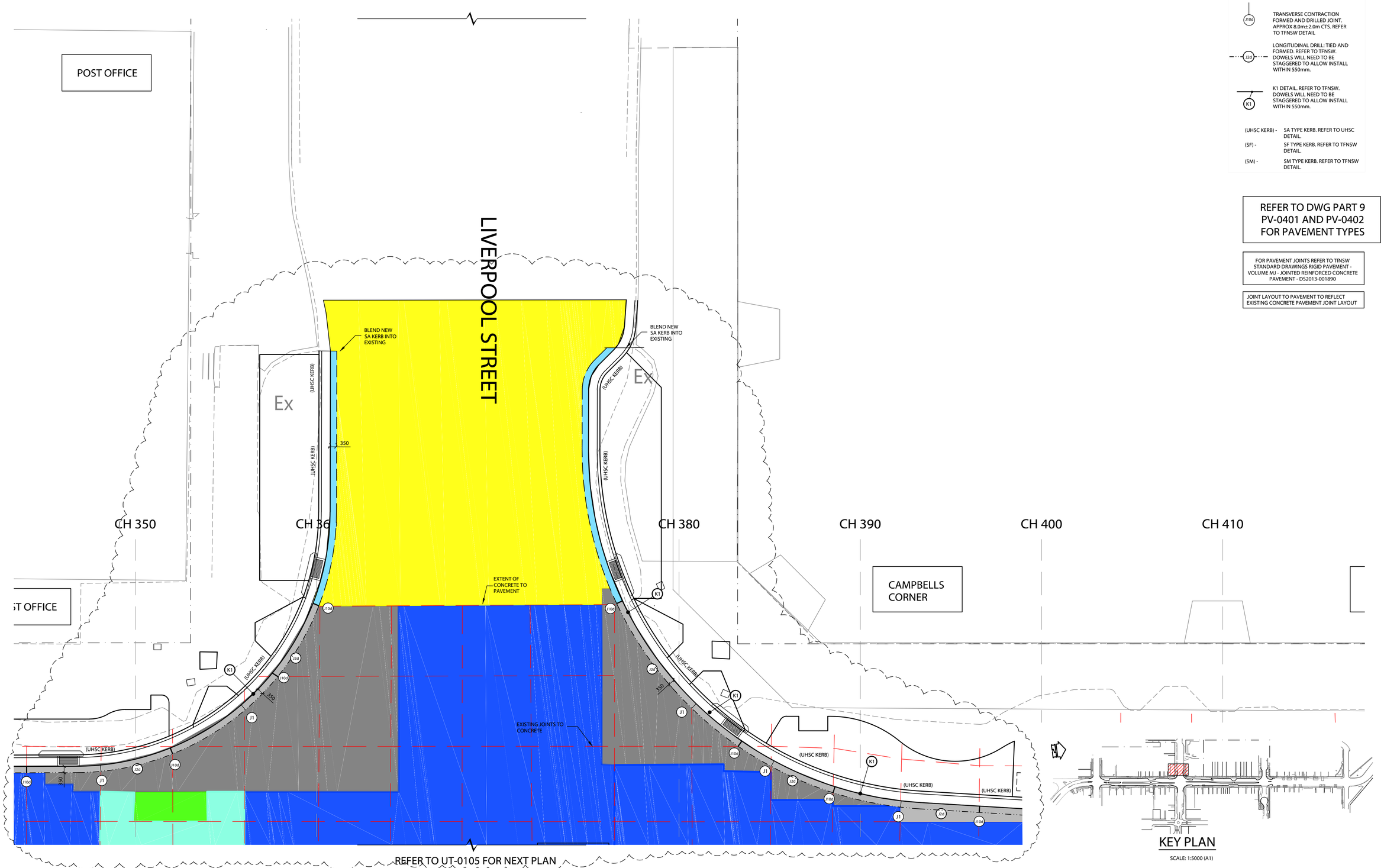
Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- PV-0105 03

A1 SHEET



LEGEND

- J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS
- J10d — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
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(SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
(SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

KEY PLAN
SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
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18-130 - PART 9
PAVEMENT PLAN
BLOCK 1 - SHEET 6

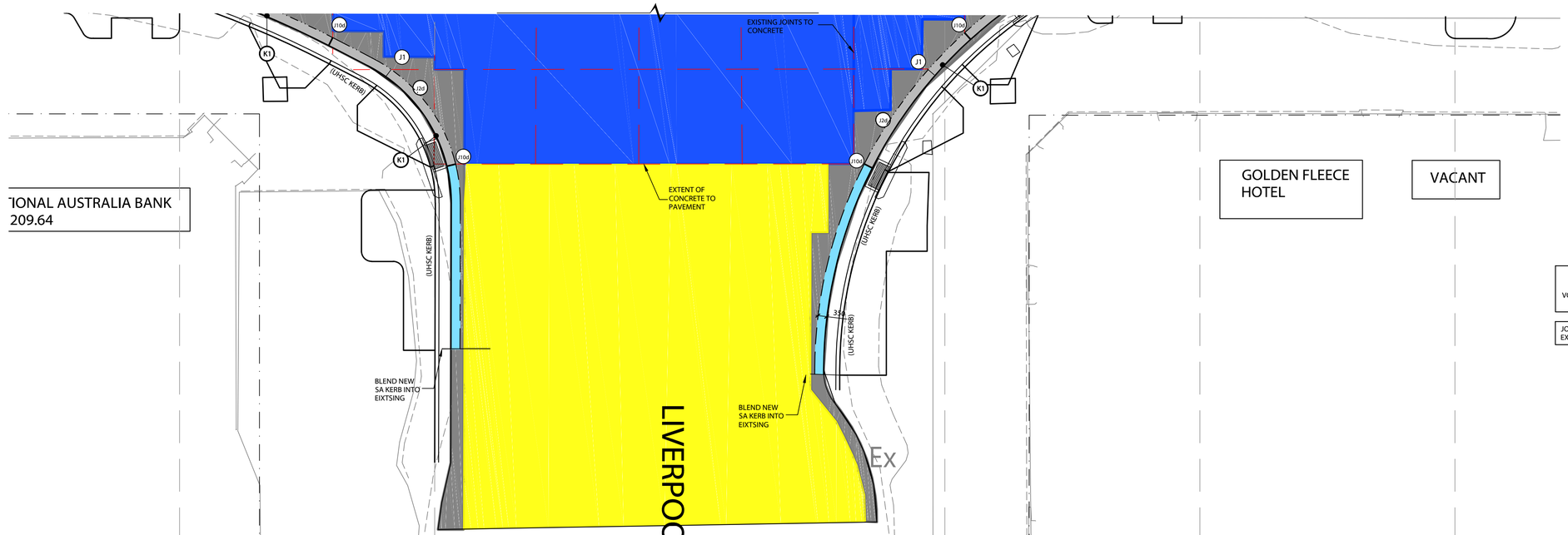
Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- PV-0106	03

A1 SHEET

REFER TO PV-0105 FOR NEXT PLAN



LEGEND

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- J10d — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
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(SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
(SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.

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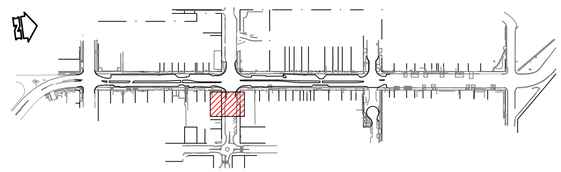
JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES



KEY PLAN
SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
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02	DETAILED DESIGN	20/06/2023	CA
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18-130 - PART 9
PAVEMENT PLAN
BLOCK 1 - SHEET 7

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- PV-0107 03 Rev

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

LEGEND

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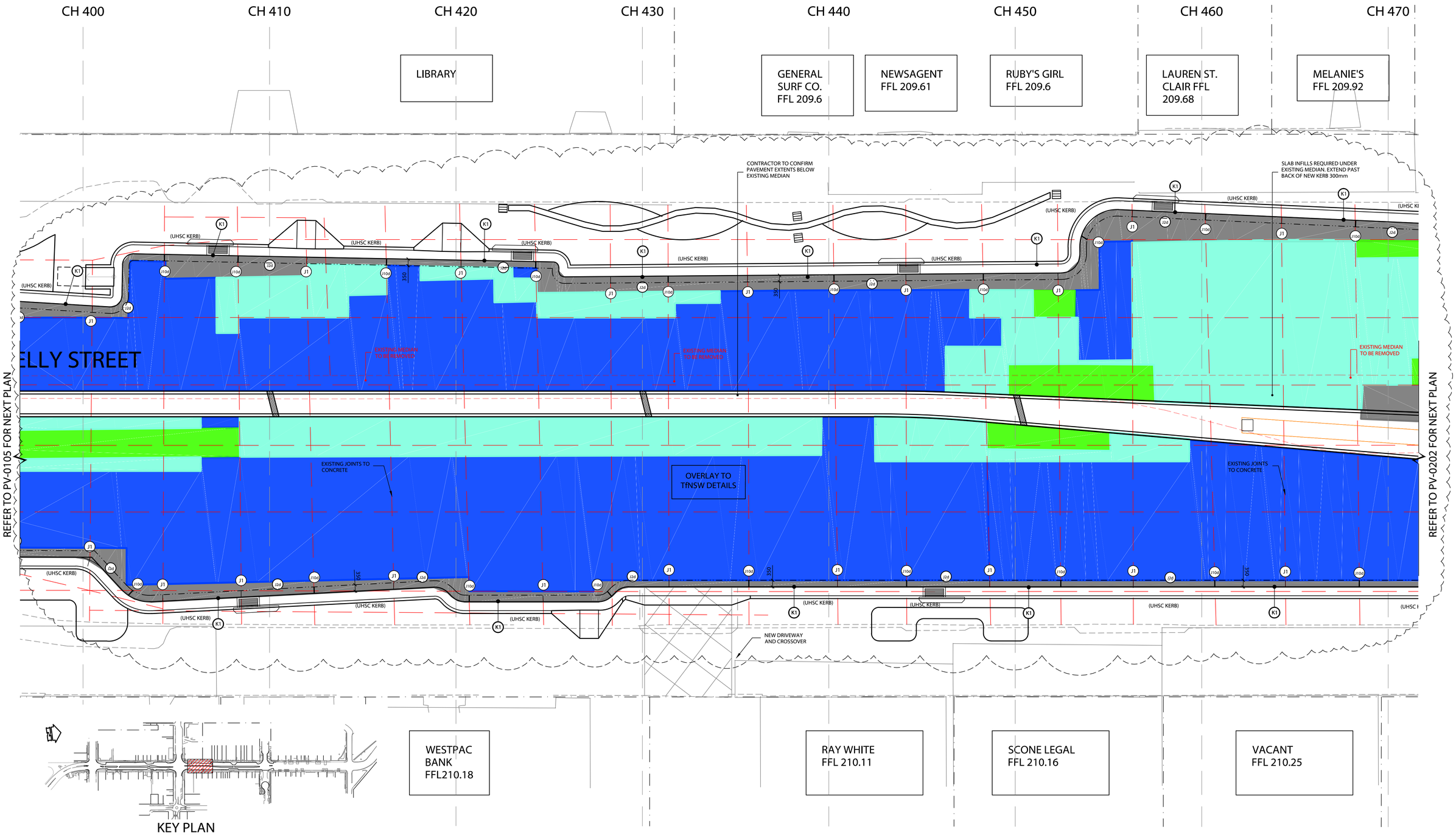
(SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
(SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.



KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA				
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18-130 - PART 9
PAVEMENT PLAN
BLOCK 2 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: CONS- PV-0201 Rev 03
Date	OCT 23	

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

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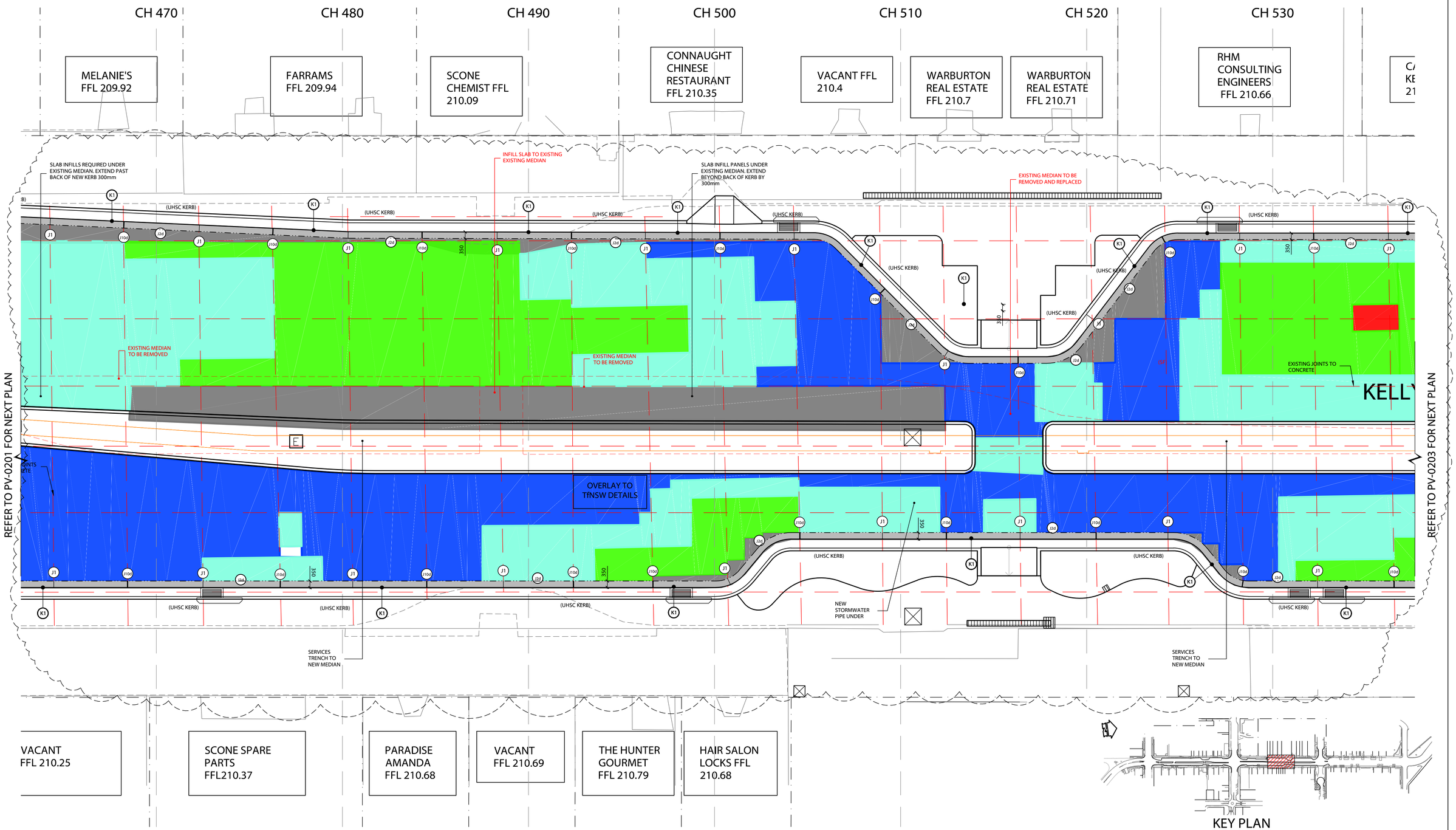

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA				
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18-130 - PART 9
PAVEMENT PLAN
BLOCK 2 - SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- PV-0202 03

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TFNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES

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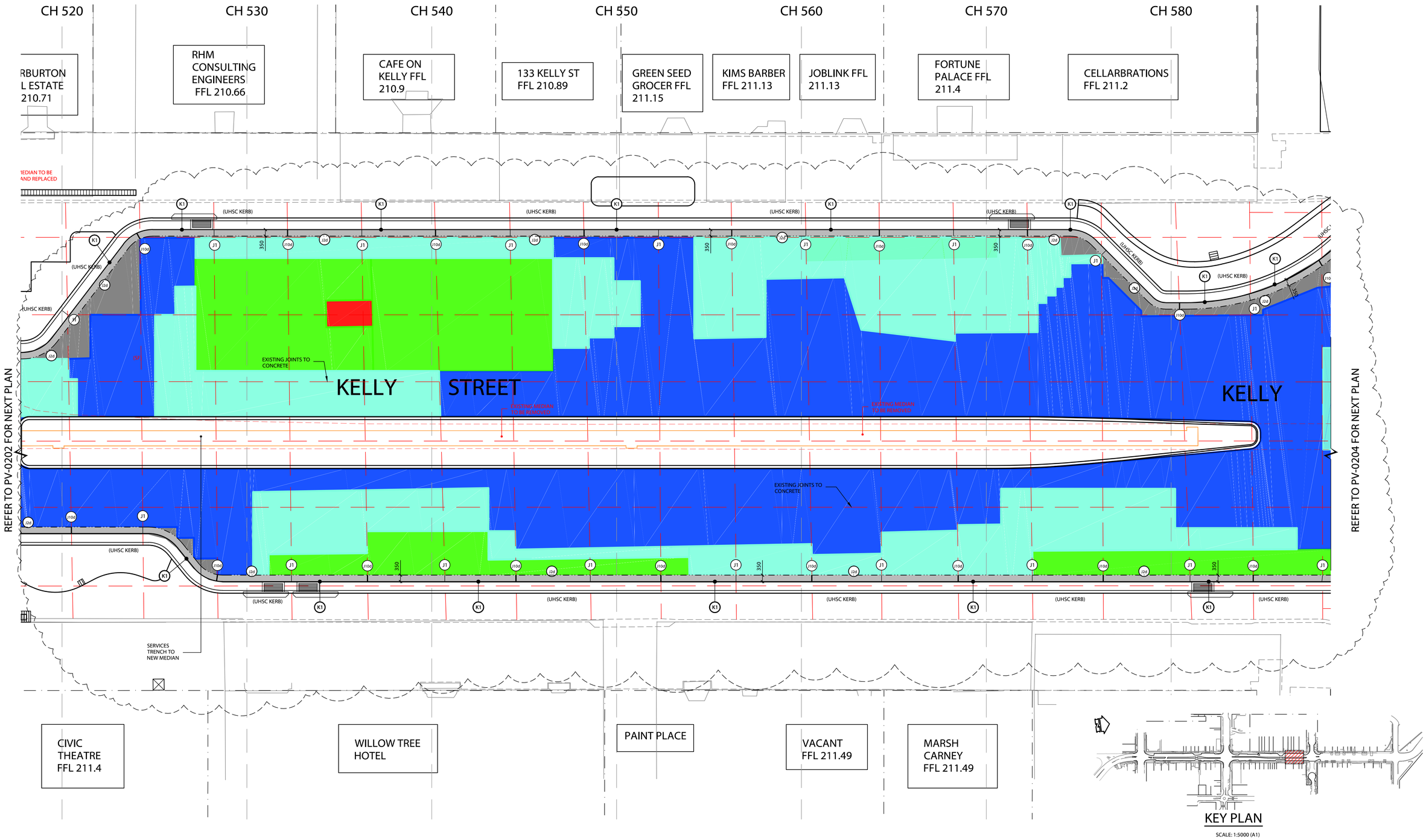

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA
02	DETAILED DESIGN	20/06/2023	CA
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18-130 - PART 9
PAVEMENT PLAN
BLOCK 2 - SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- PV-0203 03

A1 SHEET

LEGEND

J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS

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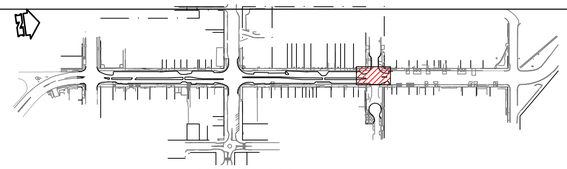
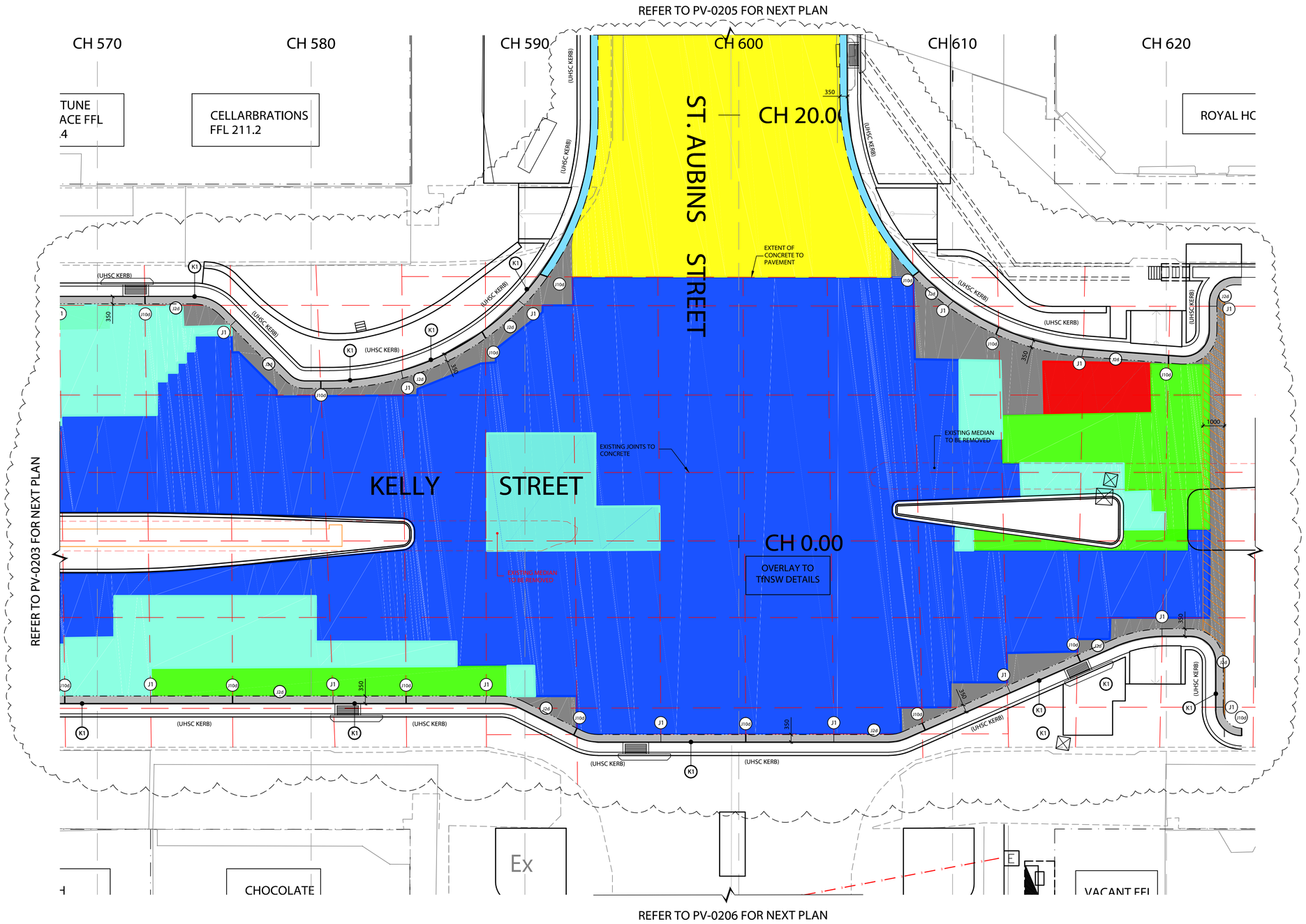
REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES



KEY PLAN

SCALE: 1:5000 (A1)



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18-130 - PART 9
PAVEMENT PLAN
BLOCK 2 - SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- PV-0204 03

A1 SHEET

LEGEND

- J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS
- J100 — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
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(SM) -	SM TYPE KERB. REFER TO TFNSW DETAIL.

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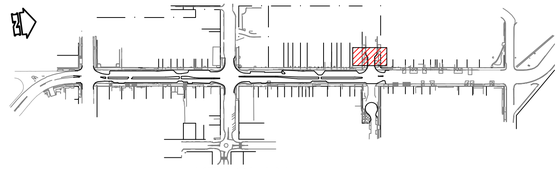
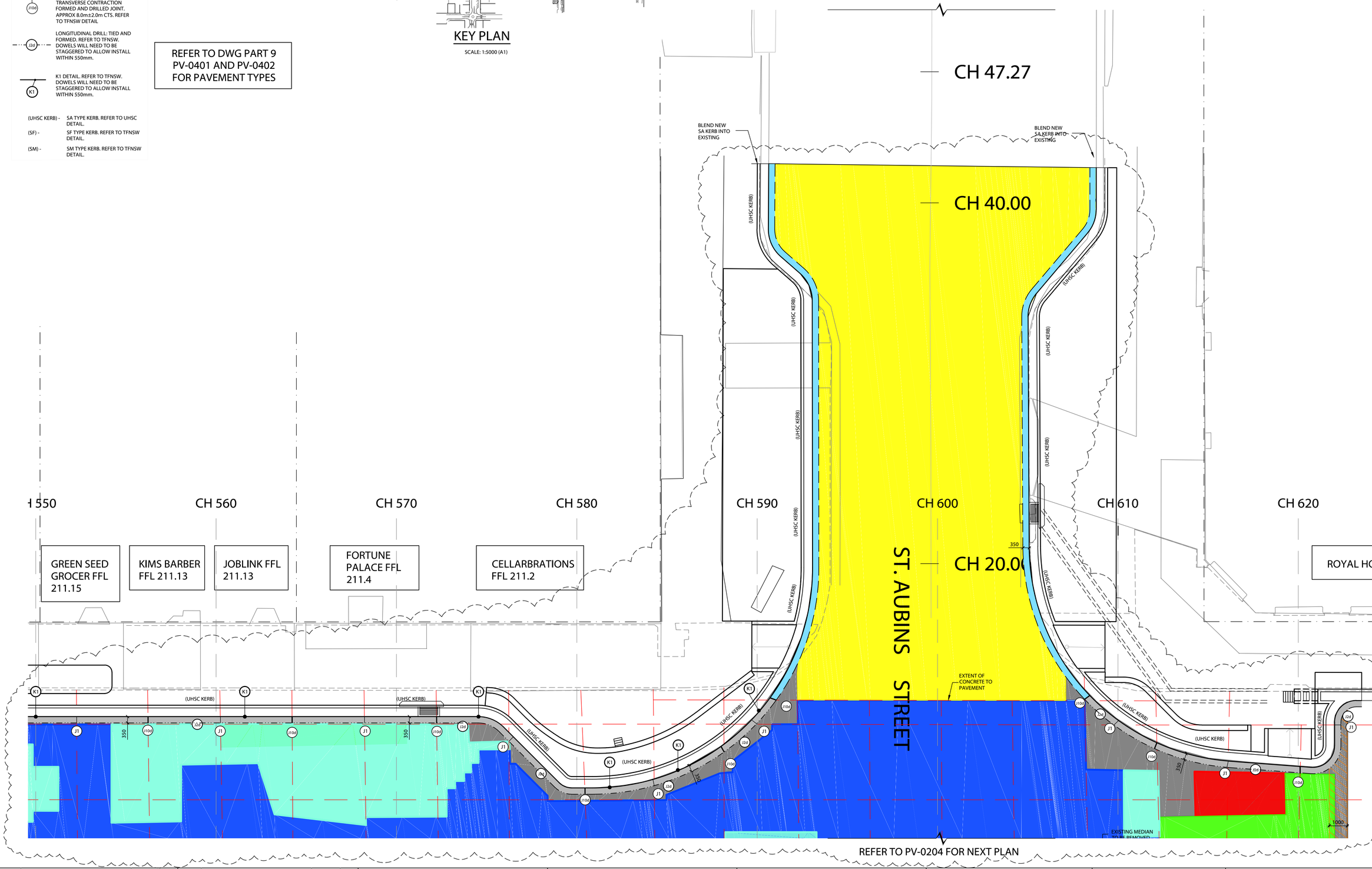


KEY PLAN

SCALE: 1:5000 (A1)


CH 47.27
CH 40.00
CH 20.00
BLEND NEW SA KERB INTO EXISTING
BLEND NEW SA KERB INTO EXISTING
(UHSC KERB)
(UHSC KERB)
(UHSC KERB)

A1 SHEET

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- J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS
- J10d — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
- J2d — LONGITUDINAL DRILL: TIED AND FORMED. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.
- K1 — K1 DETAIL. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.

(UHSC KERB) - SA TYPE KERB. REFER TO UHSC DETAIL.
(SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.
(SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.

REFER TO PV-0204 FOR NEXT PLAN

(UHSC KERB)

PAINT PLACE

VACANT
FFL 211.49

MARSH
CARNEY
FFL 211.49

CHOCOLATE
& MOSS
FFL 211.95

REMOVE EXISTING GRAVEL AND SEAL TO ST AUBINS PARK

VACANT FFL
211.67

REMOVE EXISTING KERB

REMOVE EXISTING KERB

CH 550 CH 560 CH 570 CH 580 CH 590 CH 600 CH 610 CH 620

REMOVE EXISTING SEAL AND GRAVEL

NEW PAVEMENT TYPE #6

CONSTRUCT NEW CUL-DE-SAC OVER EXISTING FORMATION

ROLLED KERB

RADIUS 10m (LIP)

350

NEW DRIVEWAY AND CROSSOVER MAZDA DEALER.

RADIUS 11m

REFER TO PVT-0207 FOR NEXT PLAN

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA
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01	DETAILED DESIGN	05/05/2023	CA

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18-130 - PART 9
PAVEMENT PLAN
BLOCK 2 - SHEET 6

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	MAY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- PV-0206 03 Rev

A1 SHEET

LEGEND

- J1 — LONGITUDINAL TIED AND FORMED. REFER TO TFNSW DETAILS
- J100 — TRANSVERSE CONTRACTION FORMED AND DRILLED JOINT. APPROX 8.0m±2.0m CTS. REFER TO TFNSW DETAIL
- J2d — LONGITUDINAL DRILL: TIED AND FORMED. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.
- K1 — K1 DETAIL. REFER TO TFNSW. DOWELS WILL NEED TO BE STAGGERED TO ALLOW INSTALL WITHIN 550mm.

(UHSC KERB) - SA TYPE KERB. REFER TO UHSC DETAIL.

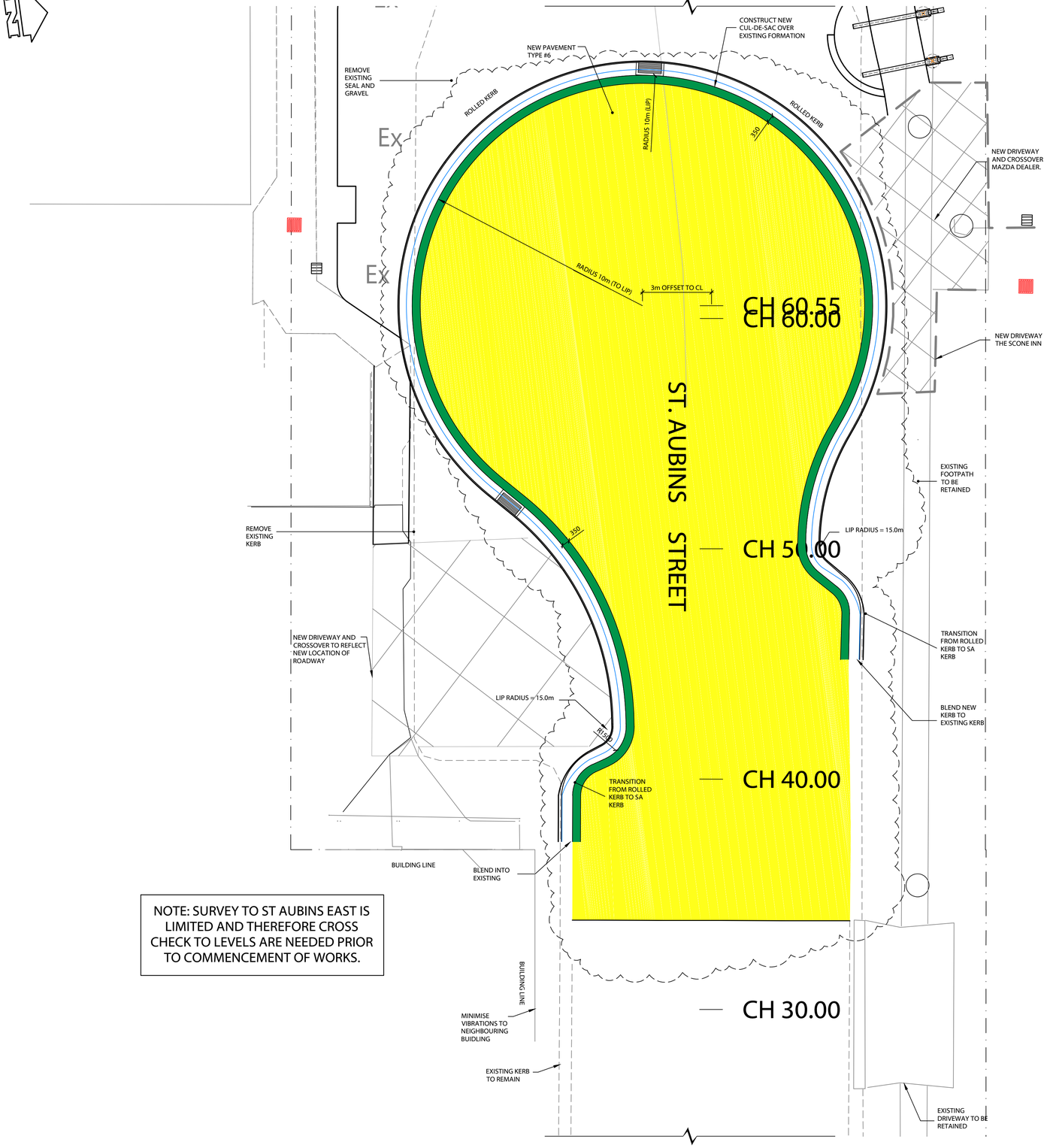
(SF) - SF TYPE KERB. REFER TO TFNSW DETAIL.

(SM) - SM TYPE KERB. REFER TO TFNSW DETAIL.

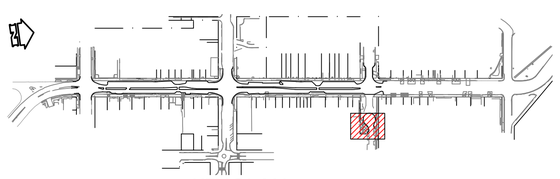
FOR PAVEMENT JOINTS REFER TO TFNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

REFER TO DWG PART 9 PV-0401 AND PV-0402 FOR PAVEMENT TYPES



NOTE: SURVEY TO ST AUBINS EAST IS LIMITED AND THEREFORE CROSS CHECK TO LEVELS ARE NEEDED PRIOR TO COMMENCEMENT OF WORKS.



KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA				
02	DETAILED DESIGN	20/06/2023	CA				
01	DETAILED DESIGN	05/05/2023	CA				

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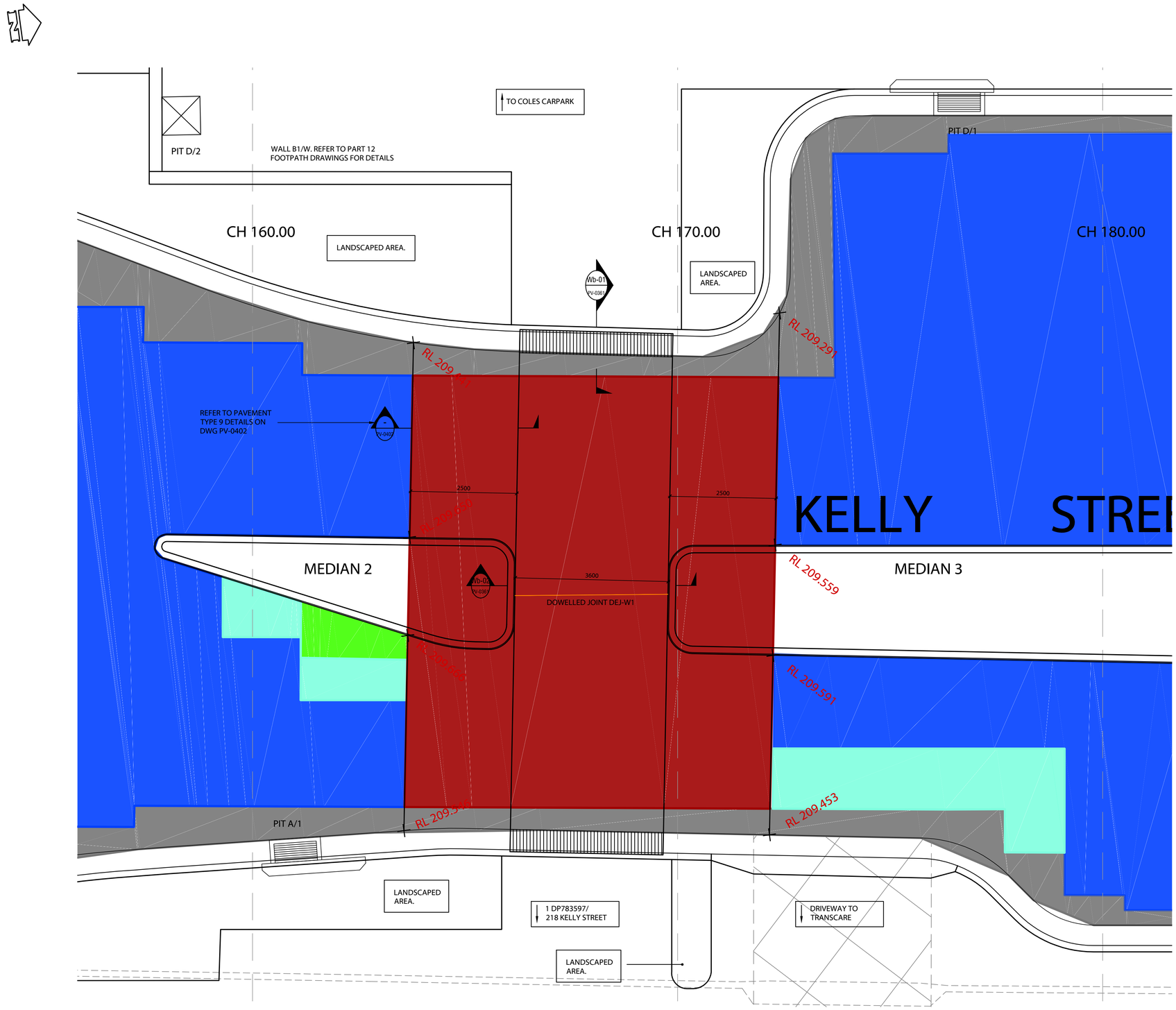
18-130 - PART 9
PAVEMENT PLAN
BLOCK 2 - SHEET 7

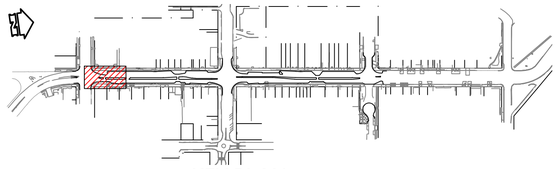
Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: CONS- PV-0207 03 Rev
Date	MAY 23	

A1 SHEET





KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	DETAILED DESIGN	25/10/2023	CA				

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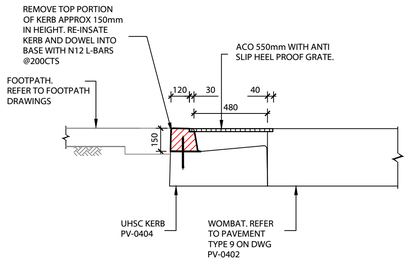
18-130 - PART 9
PAVEMENT - WOMBAT CROSSING -SOUTH
SHEET 1

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- PV-0351	01

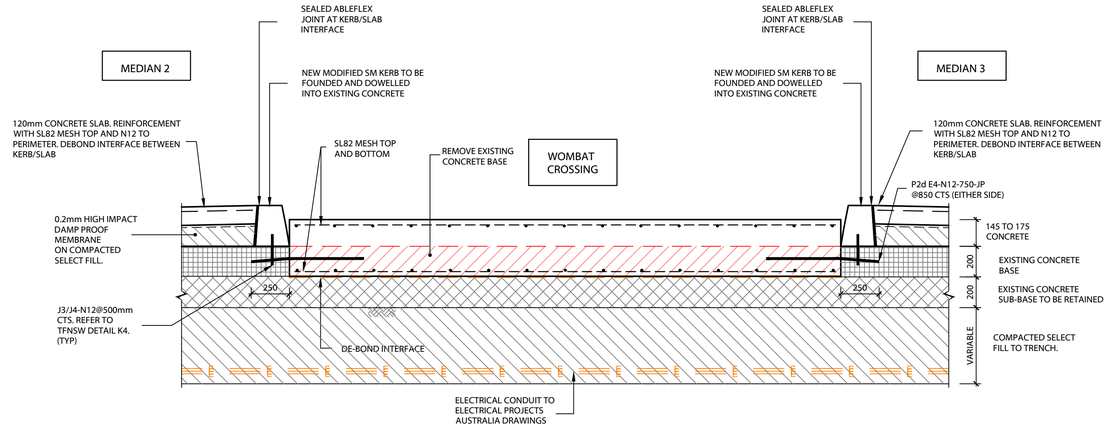
A1 SHEET



WB-01 WOMBAT TO KERB DETAIL

SCALE 1:10 (A1)

NOTE: L-BARS TO BE SIMILAR TO J4 USED IN MEDIAN



WB-02 - PAVEMENT TYPE 9: CONCRETE WOMBAT CROSSING

SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	DETAILED DESIGN	25/10/2023	CA				

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18-130 - PART 9
PAVEMENT - WOMBAT CROSSING - SECTIONS & DETAILS - SHEET 1

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- PV-0361	01

A1 SHEET

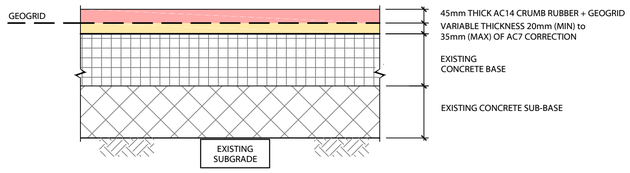
FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT

GEOGRID TO REPLACED DIRECTLY UNDER THE 45mm CRUMBED RUBBER. MINIMUM CORRECTION COURSE UNDER GEOGRID IS 20mm. MINIMUM PAVEMENT IS 65mm

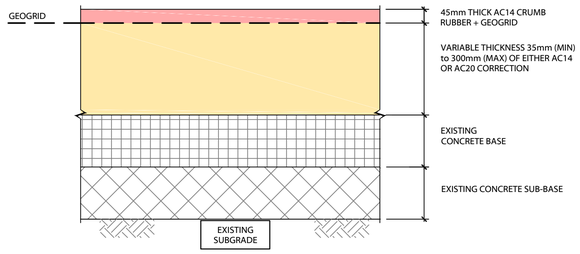
PAVEMENT TYPE 1: ACO1

ADOPT WHEN CORRECTION IS BETWEEN 0mm (MIN) to 80mm (MAX) INCLUDE WEARING SURFACE



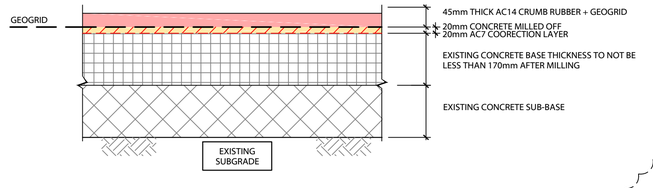
PAVEMENT TYPE 2: ACO2

ADOPT WHEN CORRECTION IS BETWEEN 80mm (MIN) to 300mm (MAX) INCLUDE WEARING SURFACE



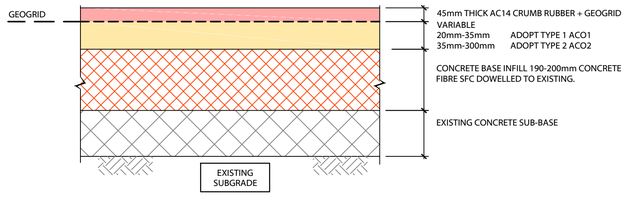
PAVEMENT TYPE 3: ACOM

TOTAL 65mm (MIN)
ADOPT WHEN EXISTING CONCRETE BASE TO BE MILLED UP TO 20mm (MAX)



PAVEMENT TYPE 4: COB

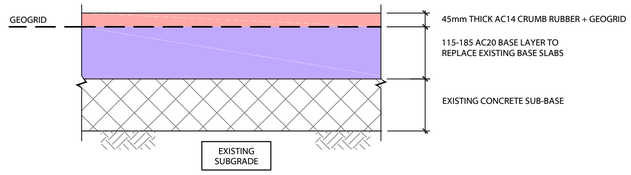
TOTAL 65mm AC14 (MIN) OVER NEW CONCRETE BASE INFILL
ADOPT WHEN EXISTING CONCRETE SUB-BASE IS RETAINED



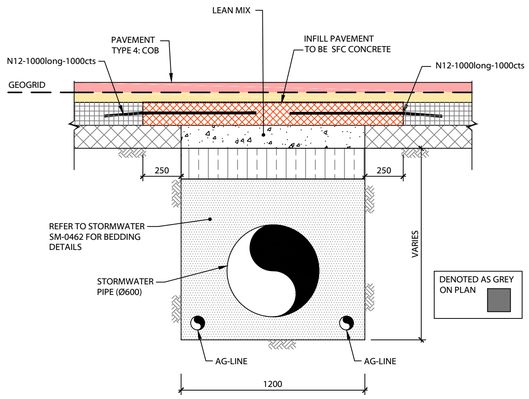
NOTE: REFER TO DWG PV-0411 FOR DOWEL DETAILS

PAVEMENT TYPE 5: ACB

TOTAL 65mm (MIN)
ADOPT WHEN EXISTING CONCRETE BASE IS REPLACED



NOTE: CONCRETE PANELS TO BE REMOVED



PAVEMENT RE-INSTATEMENT DETAIL - TRANSVERSE STORMWATER

SCALE 1:20 (A1)

1. JOINT TYPE: J2D: LONGITUDINAL DRILL-TIED AND FORMED. REFER TO TFNSW STANDARD
2. NOTE BARS TO BE STAGGERED TO ALLOW FOR INSTALLATION

REV	DESCRIPTION	DATE	BY
02	DETAILED DESIGN	25/10/2023	CA
01	DETAILED DESIGN	05/05/2023	CA

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18-130 - PART 9
PAVEMENT
DETAILS AND SECTIONS
SHEET 1

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

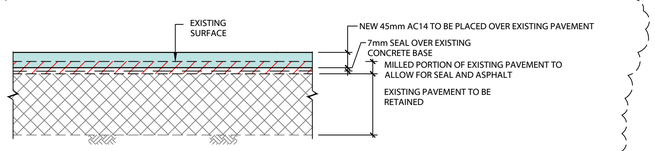
CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- PV-0401	02

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

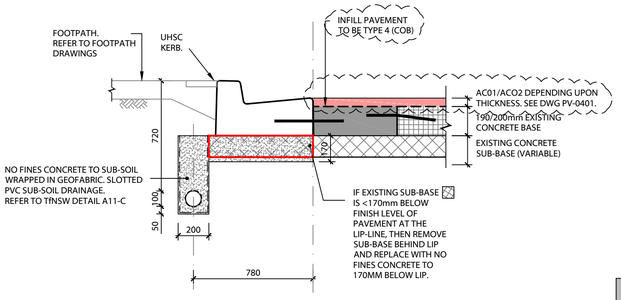
JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT



PAVEMENT TYPE 6: OVERLAY TO FLEXIBLE PAVEMENT KINGDON/LIVERPOOL/ST AUBINS STREET

SCALE 1:20 (A1)

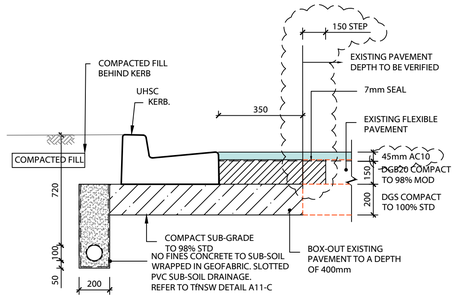
NOTE:
1. SOME MILLING WILL BE REQUIRED TO ACHIEVE 45mm THICKNESS
2. AC10 CORRECTION WILL BE REQUIRED DUE TO VARIABLE THICKNESS
3. 7mm SEAL IS REQUIRED WHERE MILLING OCCURS INTO EXISTING GRAVEL PAVEMENT
4. ENSURE OVERLAY BLENDS INTO EXISTING



PAVEMENT TYPE 7: EXISTING SUB-BASE <170mm

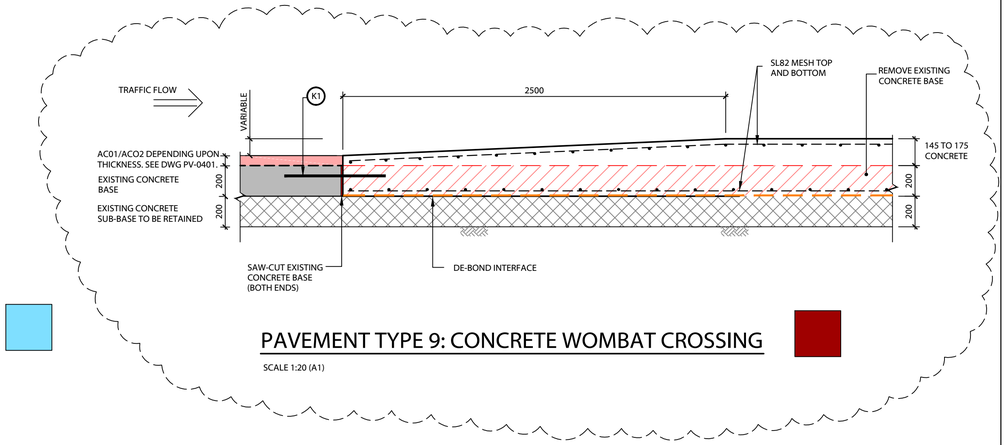
SCALE 1:20 (A1)

NOTE:
1. REFER TO PV-0403 FOR DOWEL DETAILS



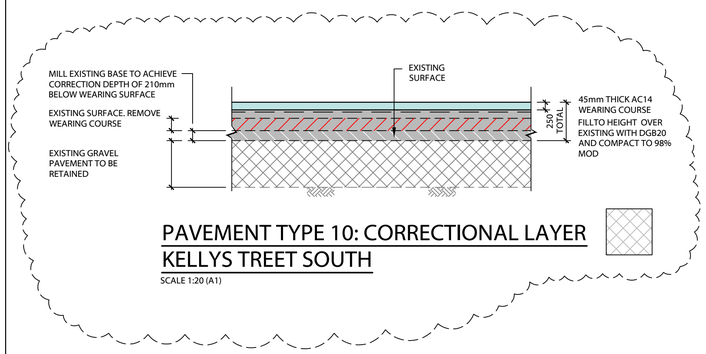
PAVEMENT TYPE 8: FLEXIBLE PAVEMENT TO SA KERB

SCALE 1:20 (A1)



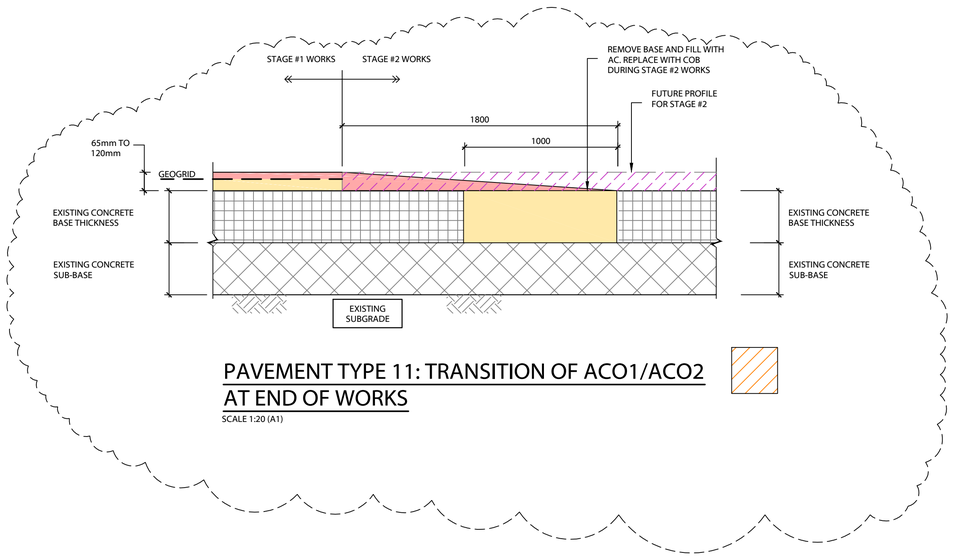
PAVEMENT TYPE 9: CONCRETE WOMBAT CROSSING

SCALE 1:20 (A1)



PAVEMENT TYPE 10: CORRECTIONAL LAYER KELLYS TREET SOUTH

SCALE 1:20 (A1)



PAVEMENT TYPE 11: TRANSITION OF ACO1/ACO2 AT END OF WORKS

SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA
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01	DETAILED DESIGN	05/05/2023	CA

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18-130 - PART 9
PAVEMENT
DETAILS AND SECTIONS
SHEET 2

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

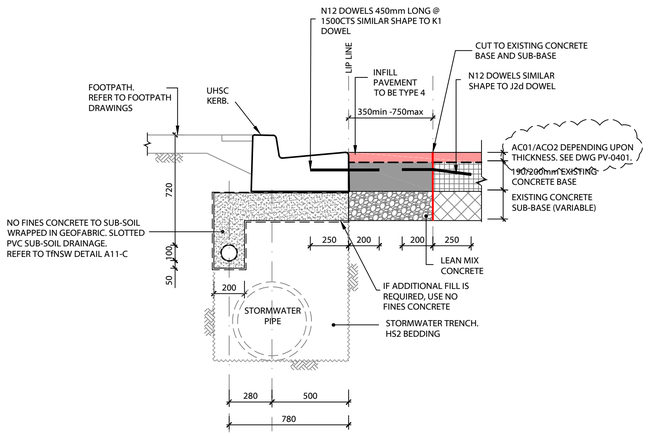
CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- PV-0402 03

A1 SHEET

FOR PAVEMENT JOINTS REFER TO TfNSW STANDARD DRAWINGS RIGID PAVEMENT - VOLUME MJ - JOINTED REINFORCED CONCRETE PAVEMENT - DS2013-001890

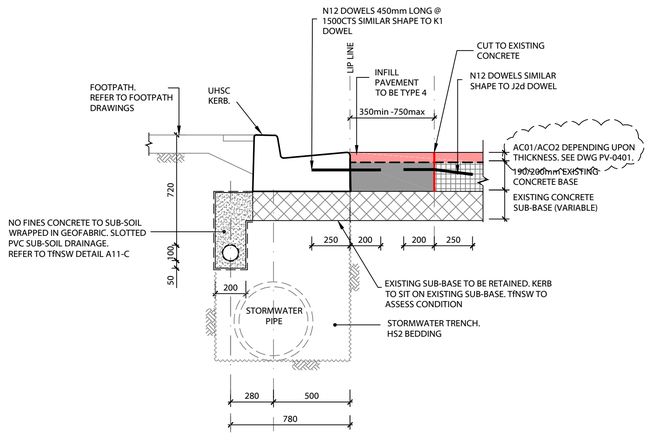
JOINT LAYOUT TO PAVEMENT TO REFLECT EXISTING CONCRETE PAVEMENT JOINT LAYOUT



PAVEMENT TYPE 7: CONCRETE PAVEMENT TO SA KERB: BASE & SUB-BASE CUT ALIGN WIDTH 350mm TO 750mm

SCALE 1:20 (A1)

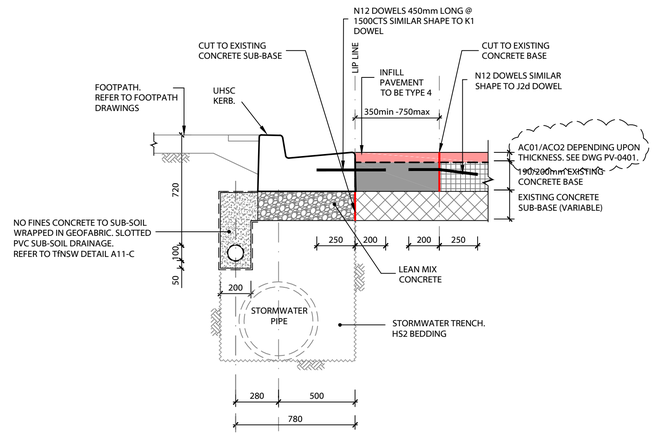
NOTE:
1. DRILL DOWEL INTO EXISTING BASE FIRST



PAVEMENT TYPE 7: CONCRETE PAVEMENT TO SA KERB: KERN ON EXISTING SUB-BASE WIDTH 350mm TO 750mm

SCALE 1:20 (A1)

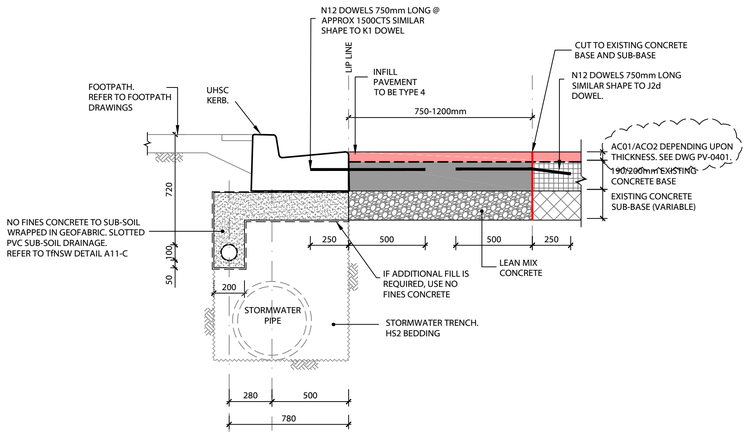
NOTE:
1. DRILL DOWEL INTO EXISTING BASE FIRST



PAVEMENT TYPE 7: CONCRETE PAVEMENT TO SA KERB: STEPPED CUT TO SUB-BASE WIDTH 350mm TO 750mm

SCALE 1:20 (A1)

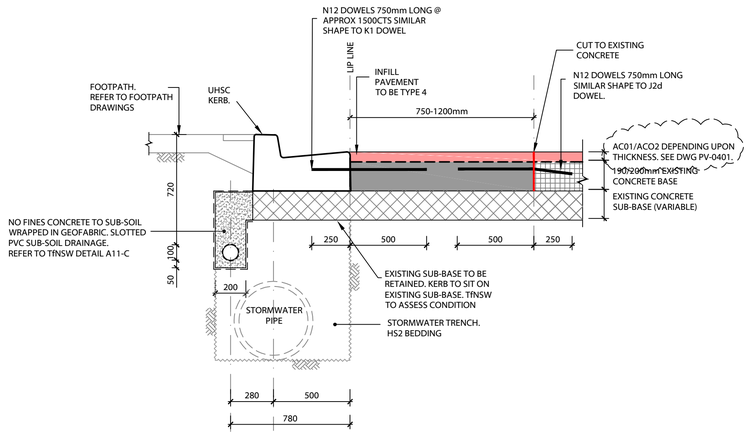
NOTE:
1. DRILL DOWEL INTO EXISTING BASE FIRST



PAVEMENT TYPE 7: CONCRETE PAVEMENT TO SA KERB: BASE & SUB-BASE CUT ALIGN WIDTH 750mm TO 1200mm

SCALE 1:20 (A1)

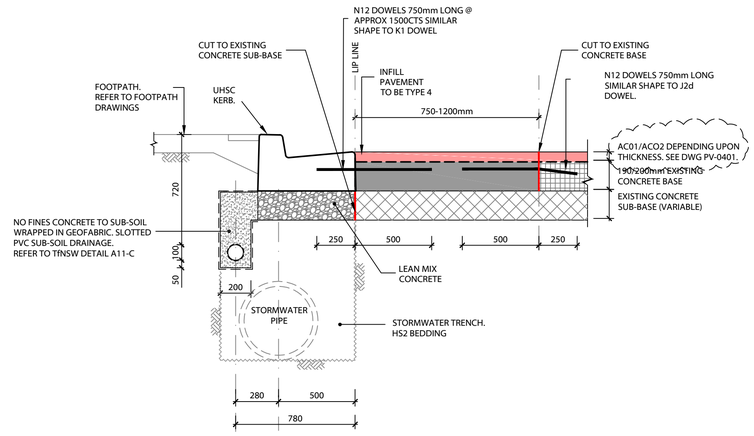
NOTE:
1. DRILL DOWEL INTO EXISTING BASE FIRST



PAVEMENT TYPE 7: CONCRETE PAVEMENT TO SA KERB: KERB ON EXISTING SUB-BASE WIDTH 750mm TO 1200mm

SCALE 1:20 (A1)

NOTE:
1. DRILL DOWEL INTO EXISTING BASE FIRST



PAVEMENT TYPE 7: CONCRETE PAVEMENT TO SA KERB: STEPPED CUT TO SUB-BASE WIDTH 750mm TO 1200mm

SCALE 1:20 (A1)

NOTE:
1. DRILL DOWEL INTO EXISTING BASE FIRST

REV	DESCRIPTION	DATE	BY
03	DETAILED DESIGN	25/10/2023	CA
02	DETAILED DESIGN	20/06/2023	CA
01	DETAILED DESIGN	05/05/2023	CA

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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

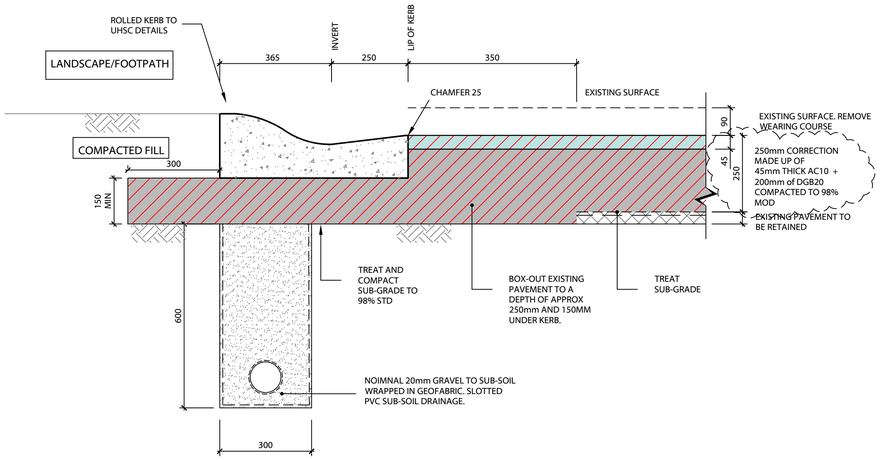
18-130 - PART 9
PAVEMENT
DETAILS AND SECTIONS
SHEET 3

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

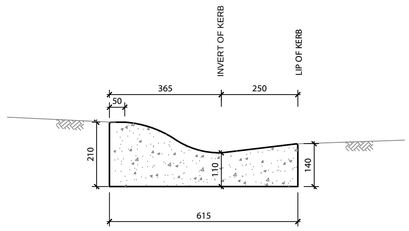
Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- PV-0403 03

A1 SHEET



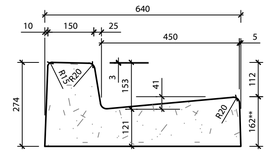
PAVEMENT TYPE 13: FLEXIBLE PAVEMENT TO ROLLED KERB AT ST AUBINS

SCALE 1:10 (A1)



TYPICAL ROLL/ MOUNTABLE KERB DETAIL

SCALE 1:10 (A1)



UHSC KERB - TYPICAL KERB DETAIL

SCALE 1:10 (A1)

NOTE:

1. KERB AS PER UHSC INTEGRAL KERB AND GUTTER DETAIL
2. **EXTEND TO MAX OF 270mm TO SUIT LEVEL OF EXISTING SUB0-BASE

REV	DESCRIPTION	DATE	BY
02	DETAILED DESIGN	25/10/2023	CA
01	DETAILED DESIGN	20/06/2023	CA

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18-130 - PART 9
PAVEMENT
DETAILS AND SECTIONS
SHEET 4

Scale
Horizontal:
0 100 200 300 400 500
SCALE 1:10 (A1)

CIVIL DRAWING

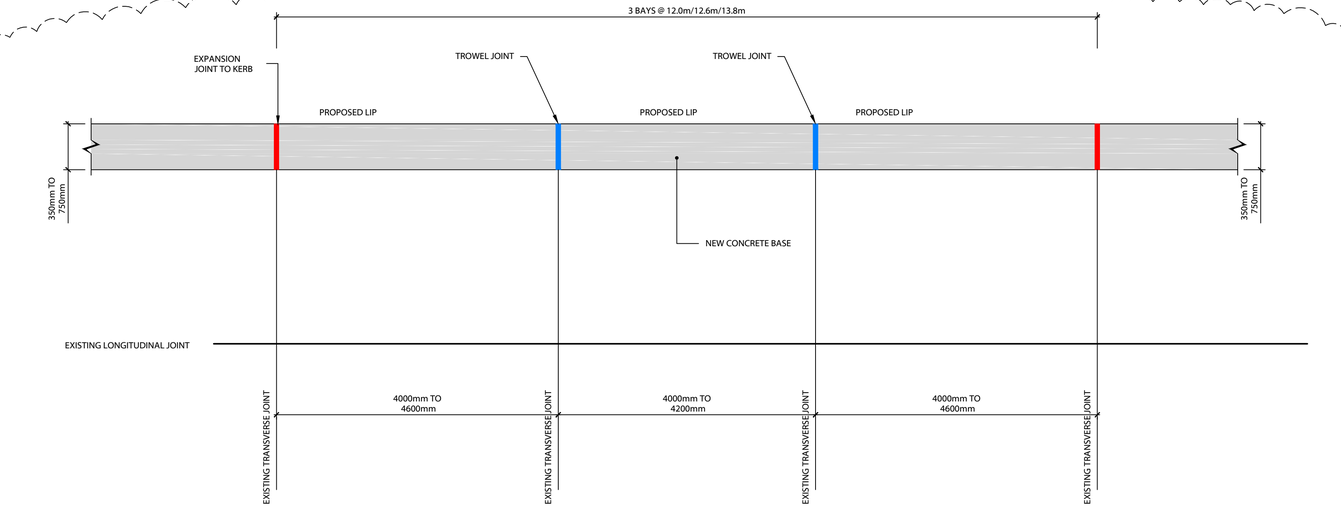
Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers

Project Engineer/Director Date

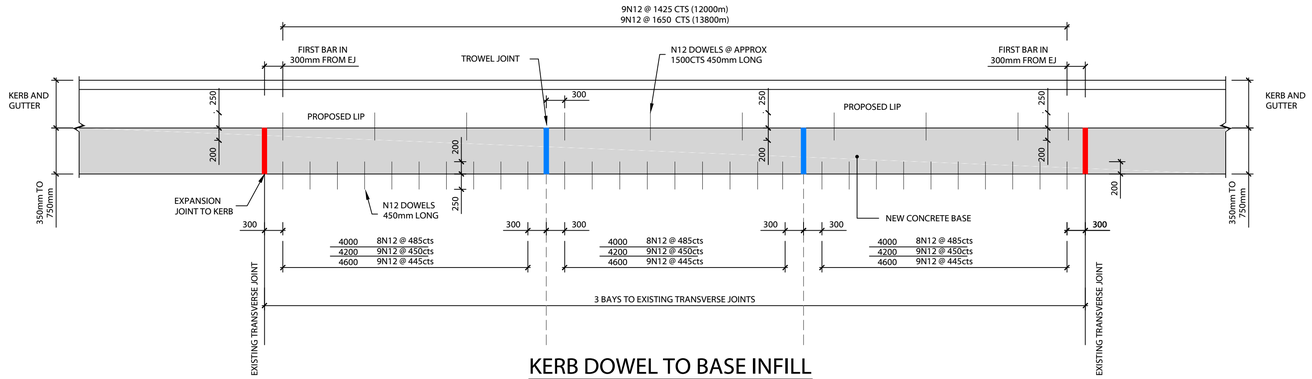
Drawing No: CONS- PV-0404 Rev 02

A1 SHEET



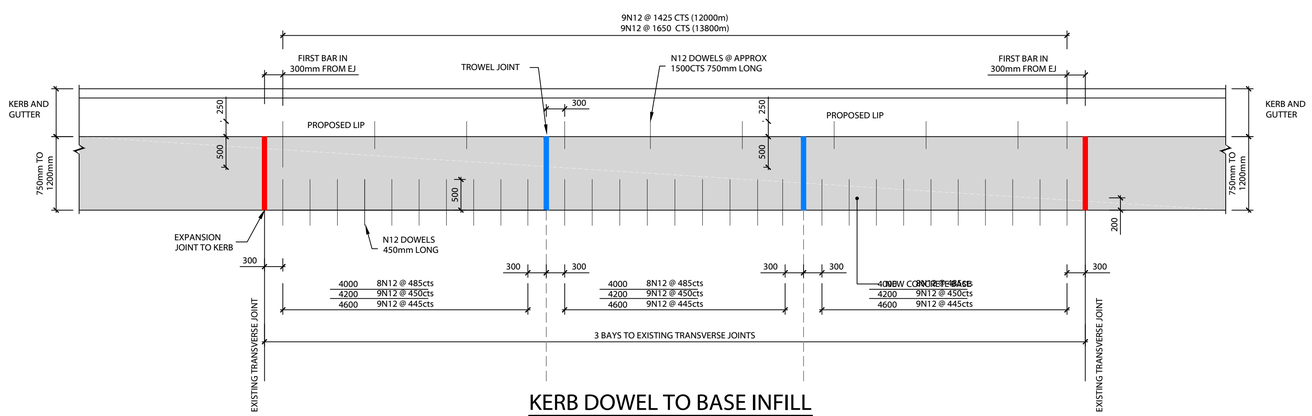
EXPANSION JOINT TO BASE

SCALE:1:50 (A1)



KERB DOWEL TO BASE INFILL
350mm TO 750mm

SCALE:1:50 (A1)



KERB DOWEL TO BASE INFILL
750mm TO 1200mm

SCALE:1:50 (A1)

REV	DESCRIPTION	DATE	BY
02	DETAILED DESIGN	25/10/2023	CA
01	DETAILED DESIGN	20/06/2023	CA

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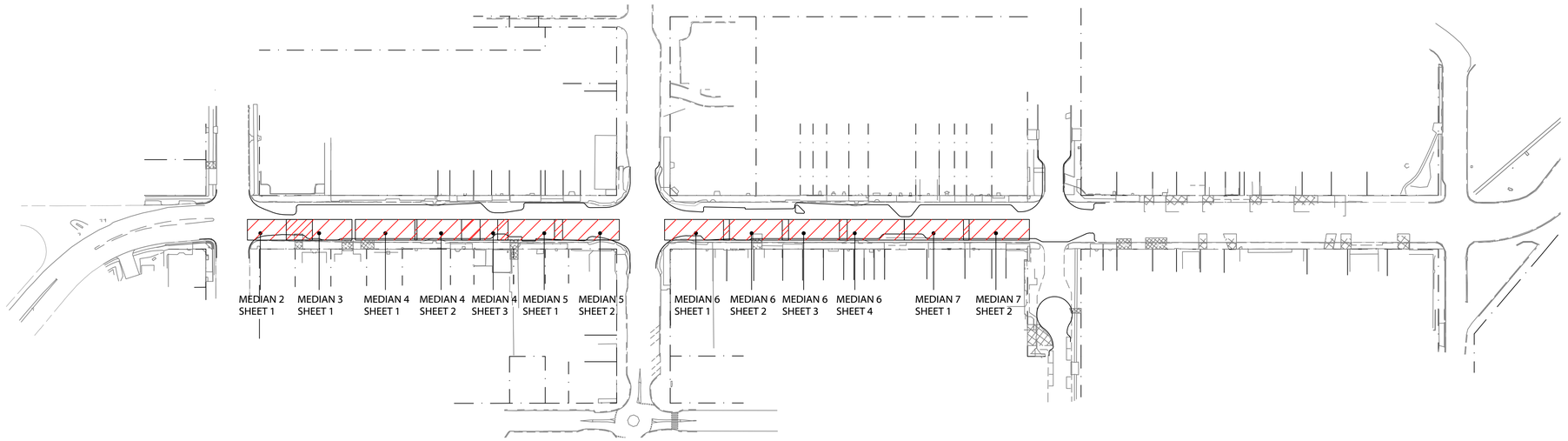
18-130 - PART 9
PAVEMENT
KERB DOWEL DETAILS
SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- PV-0411	02

A1 SHEET



KEY PLAN - OVERALL SHEET ARRANGEMENT

SCALE: 1:1500 (A1)

PROPOSED LIGHTING INDICATIVE
FINAL DESIGN AS PER ELECTRICAL
PROJECTS AUSTRALIA

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	DETAILED DESIGN	25/10/2023	CA				
01	DETAILED DESIGN	28/07/2023	CA				

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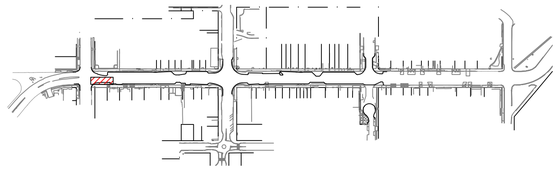
18-130 PART 10
MEDIAN PLAN
OVERALL PLAN

Scale
Horizontal:
0 5 10 15 20 25
SCALE 1:500 (A1)

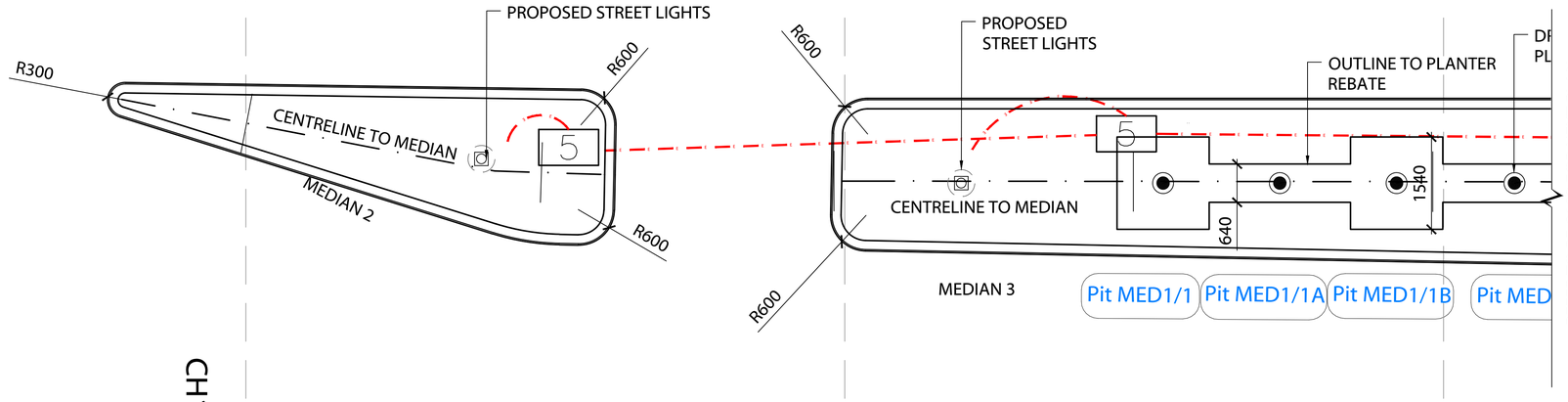
CIVIL DRAWING

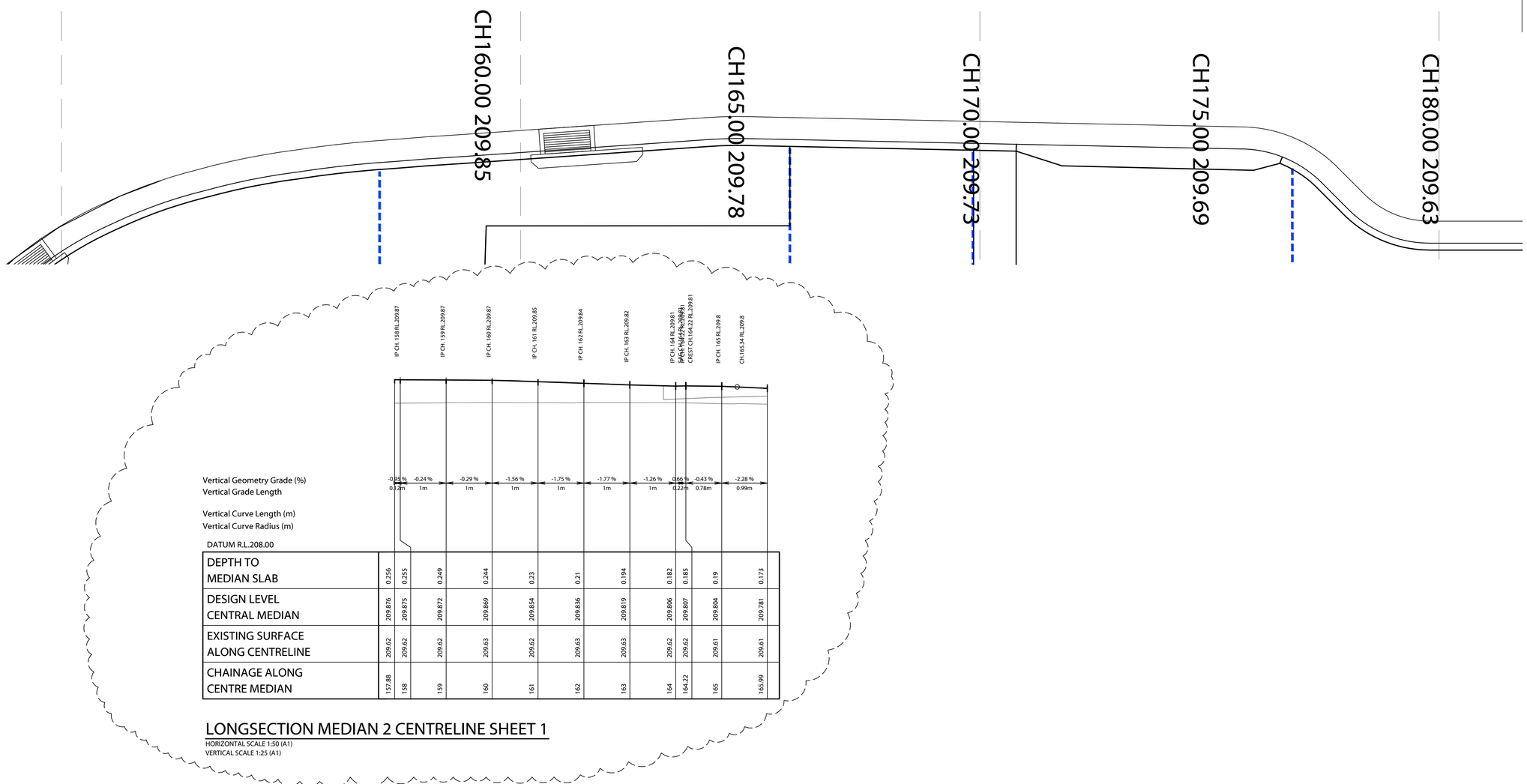
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0100	02

A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)





Vertical Geometry Grade (%)
Vertical Grade Length

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L.208.00

DEPTH TO MEDIAN SLAB	0.256	0.255	0.249	0.244	0.23	0.21	0.194	0.182	0.185	0.19	0.173
DESIGN LEVEL CENTRAL MEDIAN	209.876	209.875	209.872	209.869	209.854	209.836	209.819	209.806	209.807	209.804	209.781
EXISTING SURFACE ALONG CENTRELINE	209.62	209.62	209.62	209.63	209.62	209.63	209.63	209.62	209.62	209.61	209.61
CHAINAGE ALONG CENTRE MEDIAN	157.88	158	159	160	161	162	163	164	164.22	165	165.99

LONGSECTION MEDIAN 2 CENTRELINE SHEET 1

HORIZONTAL SCALE 1:50 (A1)
VERTICAL SCALE 1:25 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

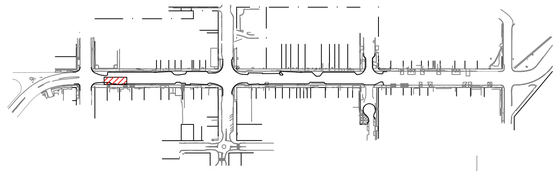
18-130 PART 10
MEDIAN PLAN
MEDIAN 2
SHEET 1

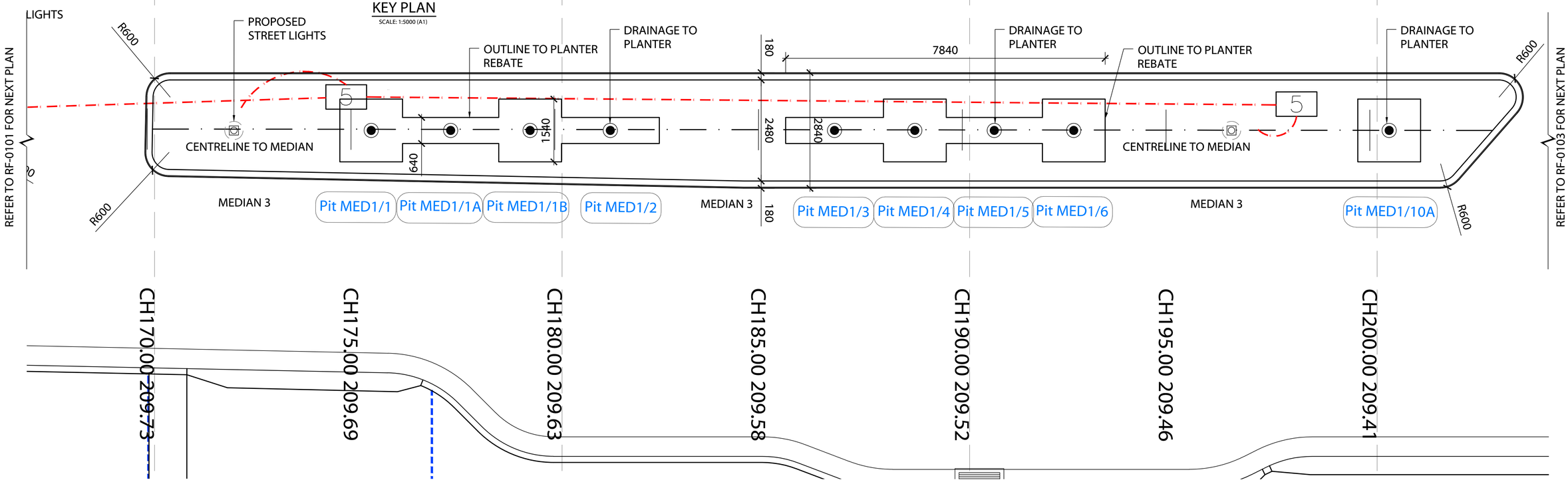
Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)
Vertical:
0 250 500 750 1000 1250
SCALE 1:25 (A1)

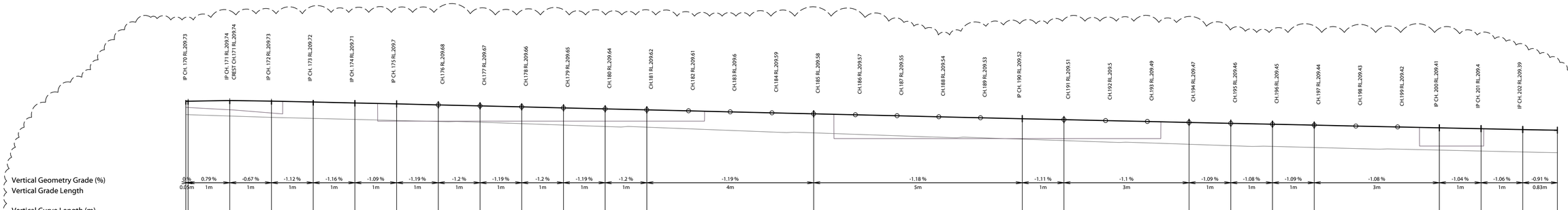
CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0101	02

A1 SHEET

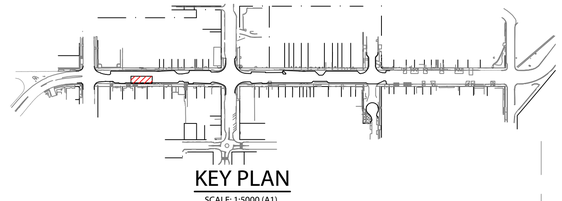

KEY PLAN
SCALE: 1:5000 (A1)


LIGHTS
R600
PROPOSED STREET LIGHTS
OUTLINE TO PLANTER REBATE
DRAINAGE TO PLANTER
180
7840
DRAINAGE TO PLANTER
OUTLINE TO PLANTER REBATE
DRAINAGE TO PLANTER
R600
REFER TO RF-0101 FOR NEXT PLAN
5
CENTRELINE TO MEDIAN
640
1540
2480
2840
CENTRELINE TO MEDIAN
5
R600
MEDIAN 3
Pit MED1/1
Pit MED1/1A
Pit MED1/1B
Pit MED1/2
MEDIAN 3
180
Pit MED1/3
Pit MED1/4
Pit MED1/5
Pit MED1/6
MEDIAN 3
Pit MED1/10A
R600
REFER TO RF-0103 FOR NEXT PLAN
CH170.00 209.73
CH175.00 209.69
CH180.00 209.63
CH185.00 209.58
CH190.00 209.52
CH195.00 209.46
CH200.00 209.41

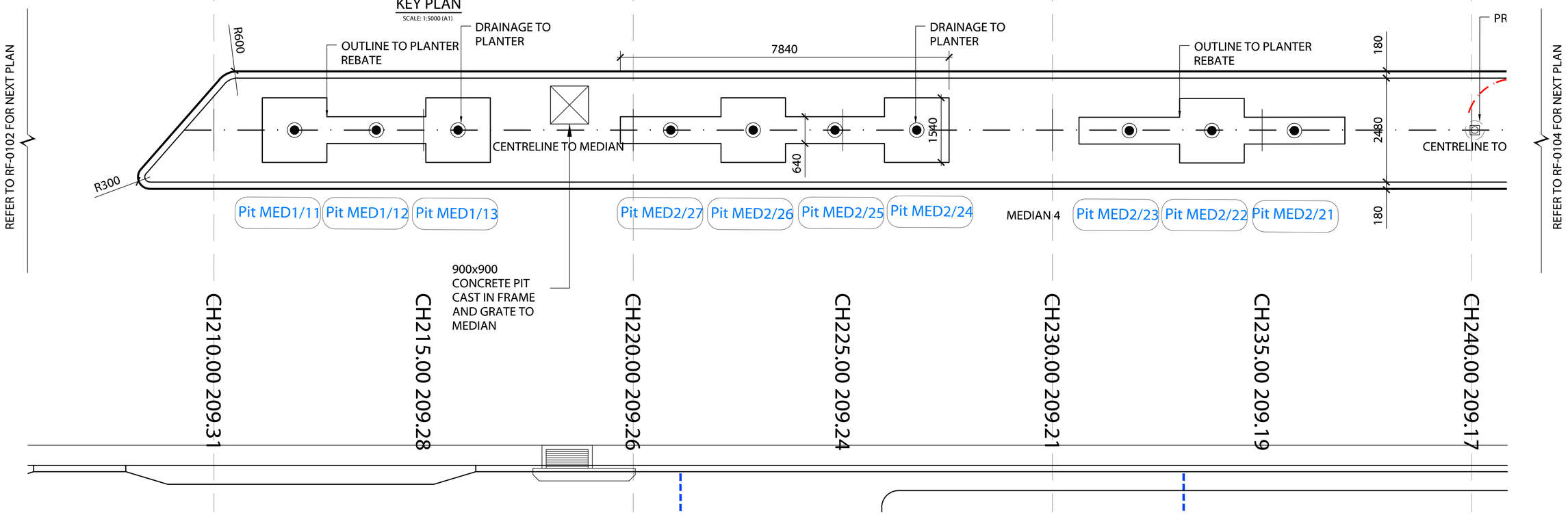

IP CH. 170 RL.209.73
IP CH. 171 RL.209.74
CREST CH.171 RL.209.74
IP CH. 172 RL.209.73
IP CH. 173 RL.209.72
IP CH. 174 RL.209.71
IP CH. 175 RL.209.7
CH.176 RL.209.68
CH.177 RL.209.67
CH.178 RL.209.66
CH.179 RL.209.65
CH.180 RL.209.64
CH.181 RL.209.62
CH.182 RL.209.61
CH.183 RL.2096
CH.184 RL.209.59
CH.185 RL.209.58
CH.186 RL.209.57
CH.187 RL.209.55
CH.188 RL.209.54
CH.189 RL.209.53
IP CH. 190 RL.209.52
CH.191 RL.209.51
CH.192 RL.209.5
CH.193 RL.209.49
CH.194 RL.209.47
CH.195 RL.209.46
CH.196 RL.209.45
CH.197 RL.209.44
CH.198 RL.209.43
CH.199 RL.209.42
IP CH. 200 RL.209.41
IP CH. 201 RL.209.4
IP CH. 202 RL.209.39

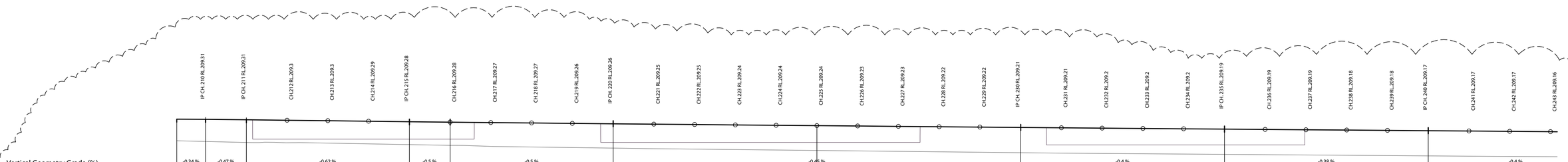
| | | |

A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)





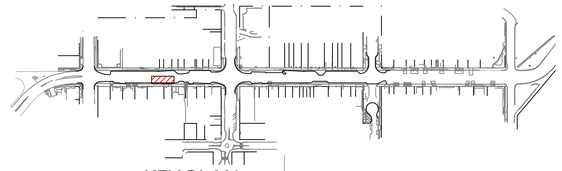
Vertical Geometry Grade (%)
Vertical Grade Length

Vertical Curve Length (m)
Vertical Curve Radius (m)

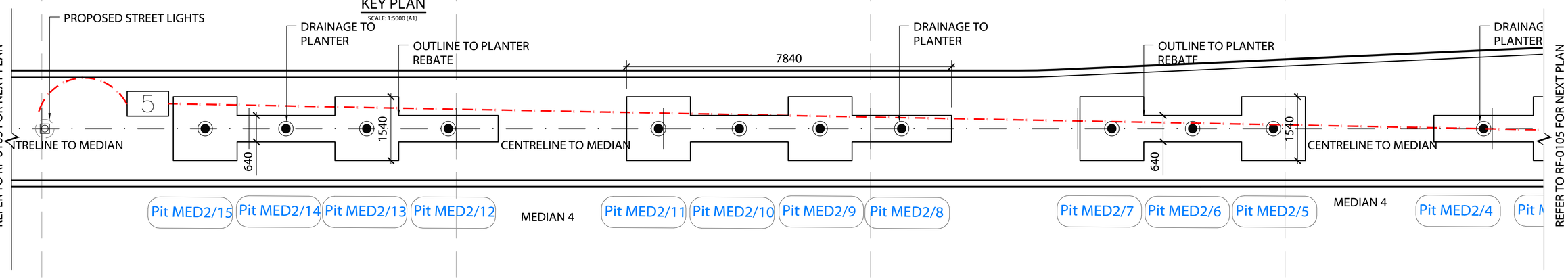
DATUM R.L.208.00

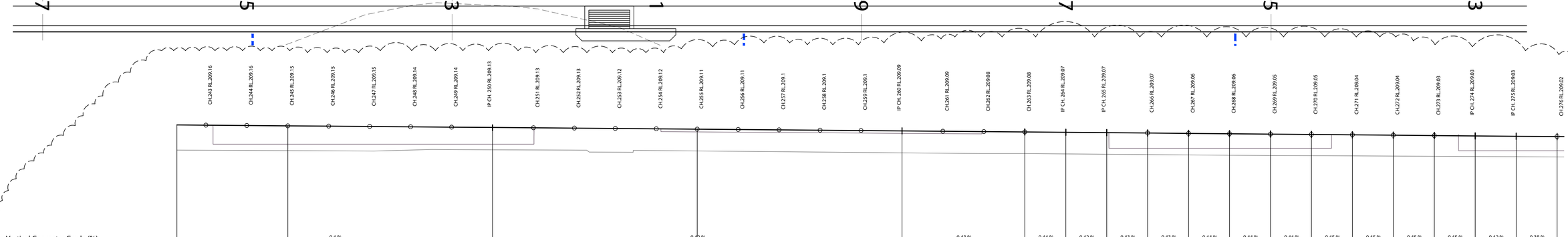
| | | |

A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)





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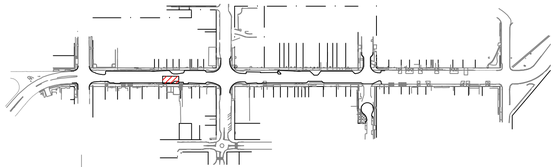
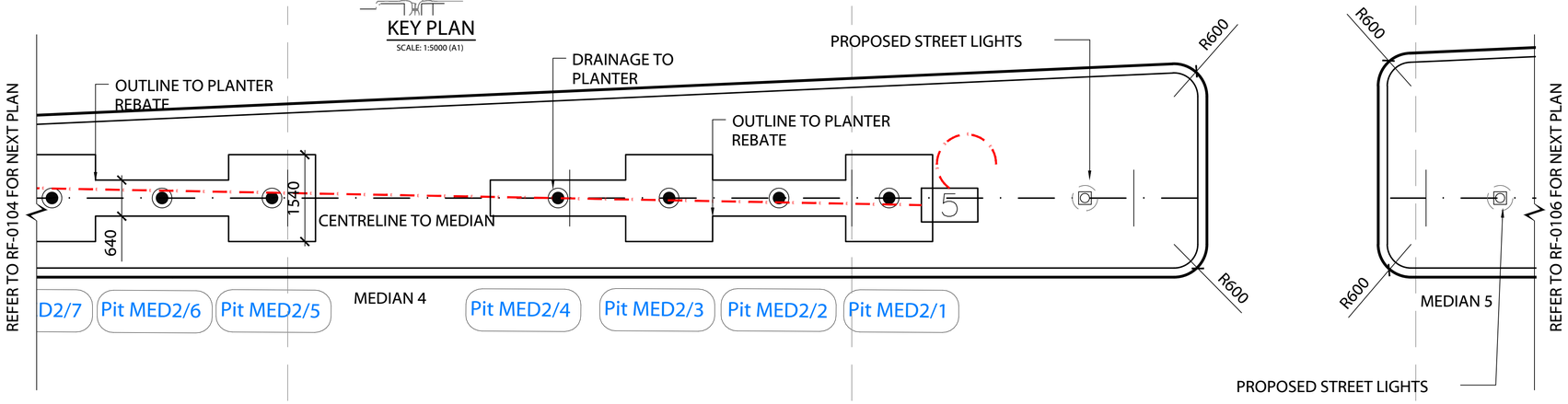
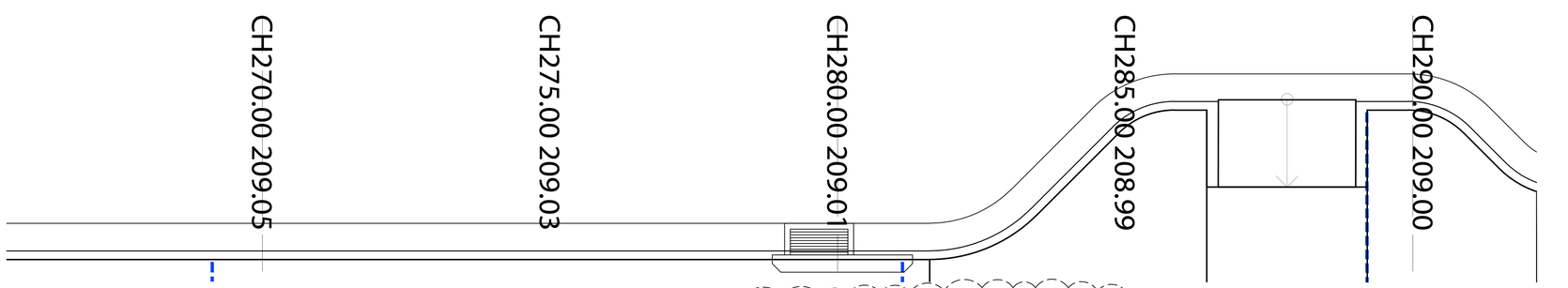
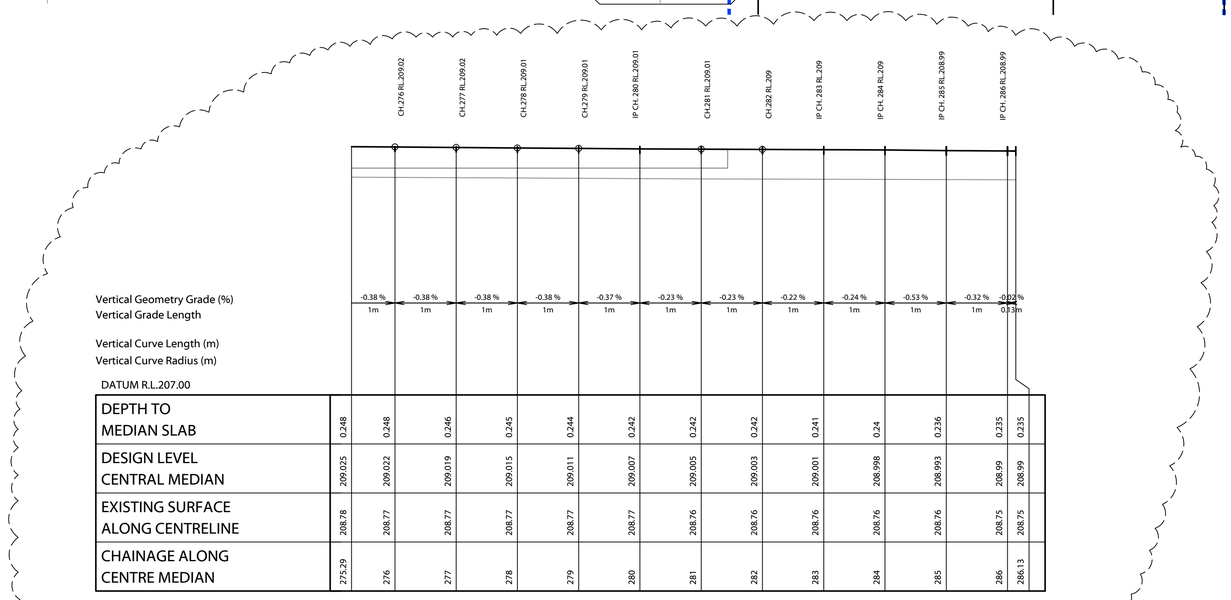
A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)







Vertical Geometry Grade (%)
Vertical Grade Length

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L.207.00

DEPTH TO MEDIAN SLAB	0.248	0.248	0.248	0.246	0.245	0.244	0.242	0.242	0.242	0.241	0.24	0.236	0.235	0.235
DESIGN LEVEL CENTRAL MEDIAN	209.025	209.022	209.019	209.015	209.011	209.007	209.005	209.003	209.001	208.998	208.993	208.99	208.99	
EXISTING SURFACE ALONG CENTRELINE	208.78	208.77	208.77	208.77	208.77	208.77	208.76	208.76	208.76	208.76	208.76	208.75	208.75	
CHAINAGE ALONG CENTRE MEDIAN	275.29	276	277	278	279	280	281	282	283	284	285	286	286.13	

LONGSECTION MEDIAN 4 CENTRELINE SHEET 3 OF 3

HORIZONTAL SCALE 1:50 (A1)
VERTICAL SCALE 1:25 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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ABN 82 153 018 800

18-130 PART 10
MEDIAN PLAN
MEDIAN 4
SHEET 3 OF 3

Scale
Horizontal: 0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)
Vertical: 0 250 500 750 1000 1250
SCALE 1:25 (A1)

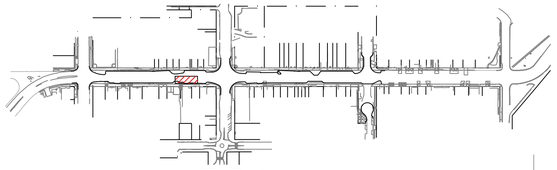
CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

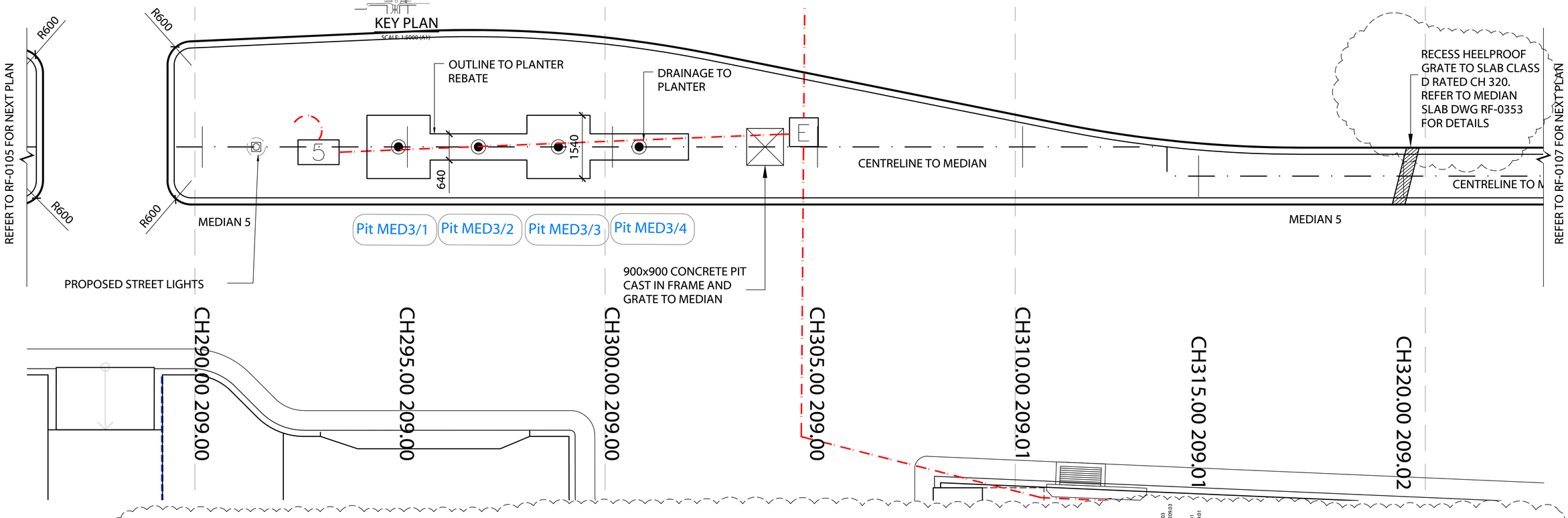
Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- RF-0105 Rev 02

A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)



IP CH. 290 RL.209
CREST CH.290 RL.209
IP CH. 291 RL.209
SAG CH.291 RL.209
CH.292 RL.209
IP CH. 293 RL.209
IP CH. 294 RL.209
CREST CH.294 RL.209
IP CH. 295 RL.209
SAG CH.295 RL.209
CH.296 RL.209
CH.297 RL.209
IP CH. 298 RL.209
CH.298.24 LL.207.52
CH.299 RL.209
IP CH. 300 RL.209
IP CH. 301 RL.209
CREST CH.301 RL.209
IP CH. 302 RL.209
IP CH. 303 RL.209
CH.304 RL.209
IP CH. 305 RL.209
IP CH. 306 RL.209
IP CH. 307 RL.209
SAG CH.307 RL.209
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IP CH. 310 RL.209.01
IP CH. 311 RL.209.01
IP CH. 312 RL.209.02
IP CH. 313 RL.209.02
IP CH. 313.52 RL.209.03
CREST CH.313.52 RL.209.03
IP CH. 314.23 RL.209.01
SAG CH.314.23 RL.209.01
IP CH. 315 RL.209.01
IP CH. 316 RL.209.01
IP CH. 317 RL.209.02
IP CH. 318 RL.209.02
CH.319 RL.209.02
IP CH. 320 RL.209.02
IP CH. 321 RL.209.03
CH.322 RL.209.03
CH.323 RL.209.03

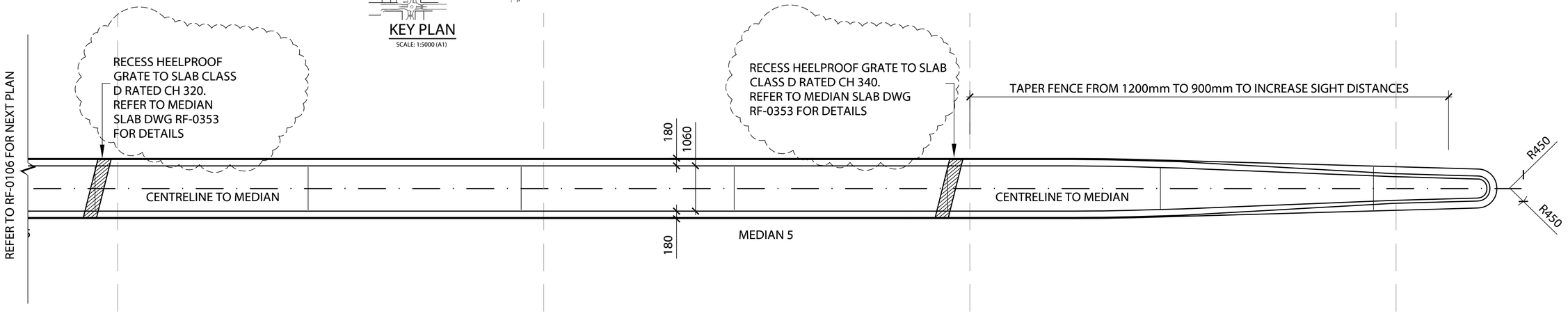
Vertical Geometry Grade (%)
Vertical Grade Length

| | | |

A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)

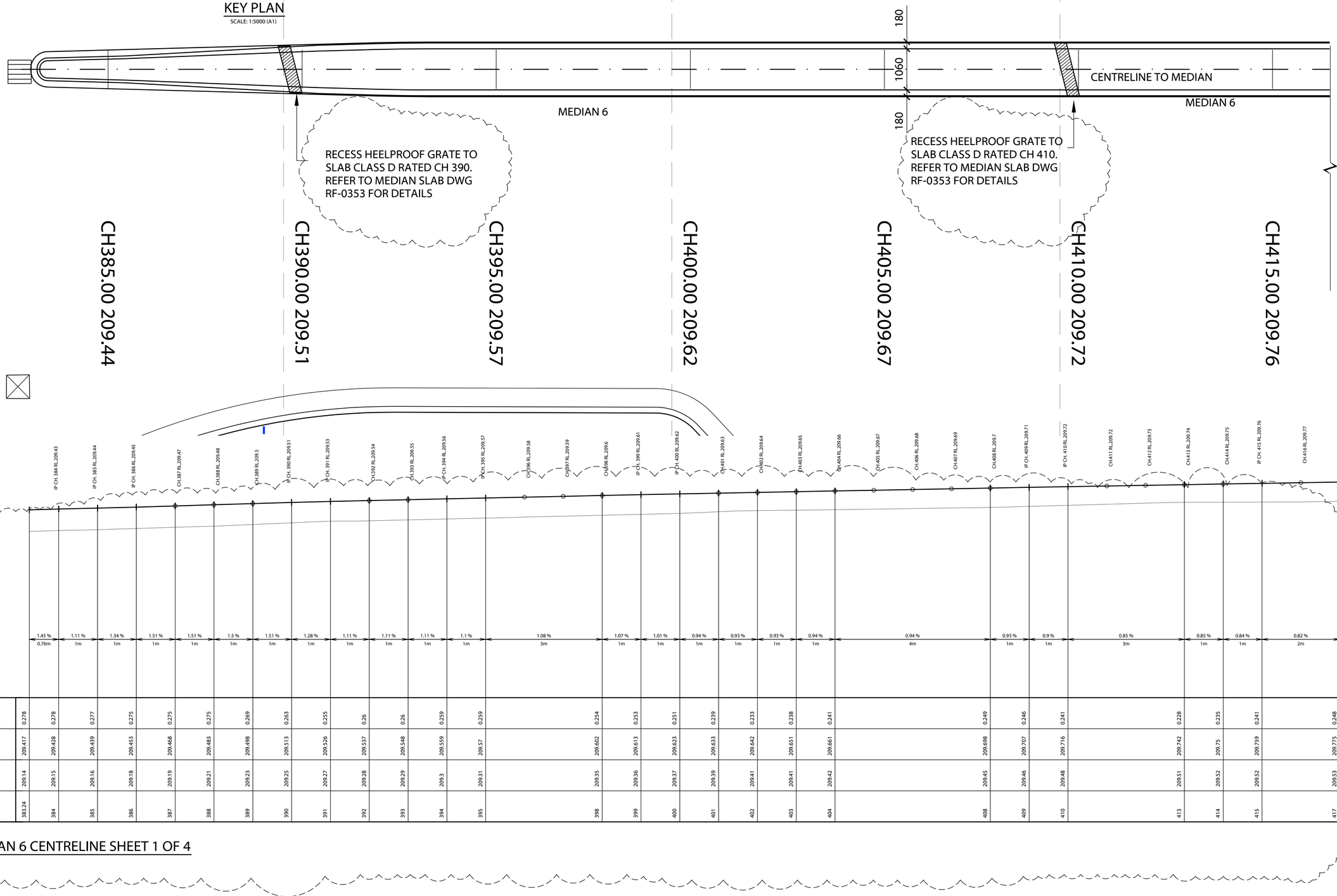


| | | |

A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)



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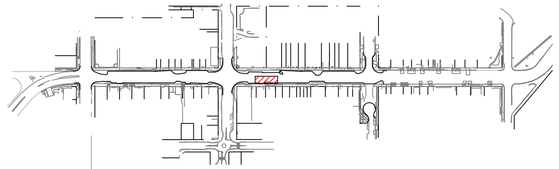
A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)

EDIAN

MEDIAN 6

REFER TO RF-0108 FOR NEXT PLAN

CENTRELINE TO MEDIAN

MEDIAN 6

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 430. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

MEDIAN 6

REFER TO RF-0110 FOR NEXT PLAN

CH415.00 209.76

CH420.00 209.80

CH425.00 209.84

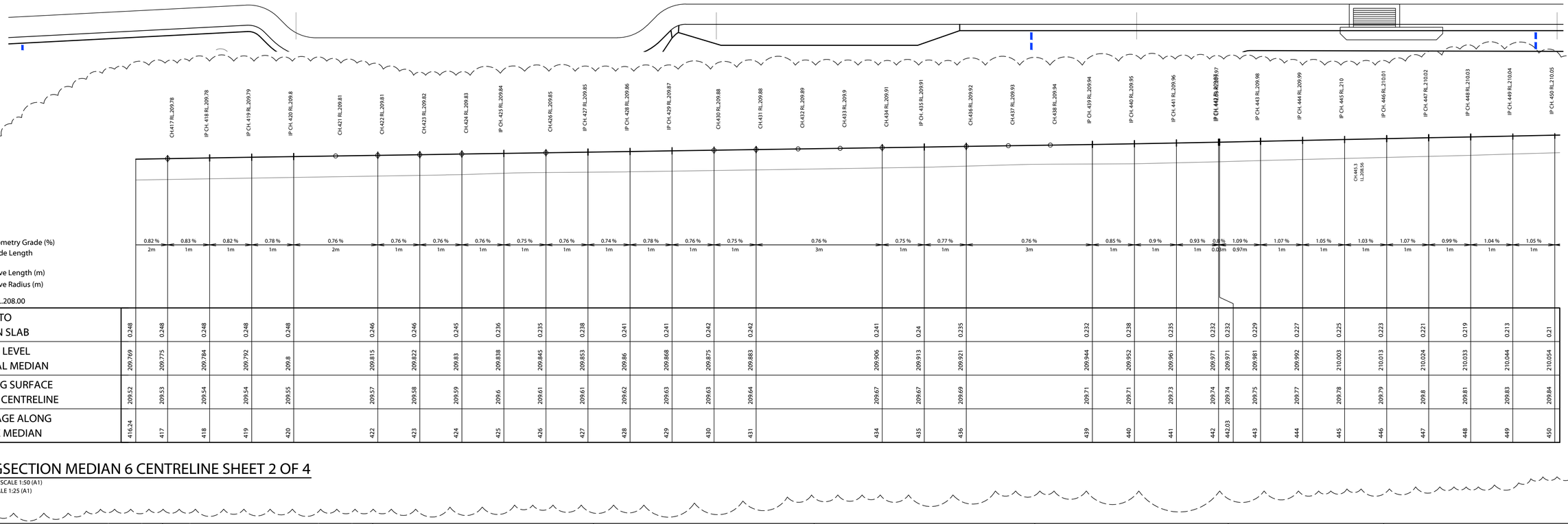
CH430.00 209.88

CH435.00 209.91

CH440.00 209.95

CH445.00 210.00

CH450.00 210.05



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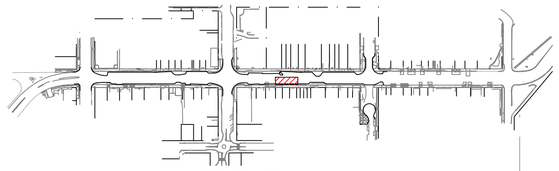
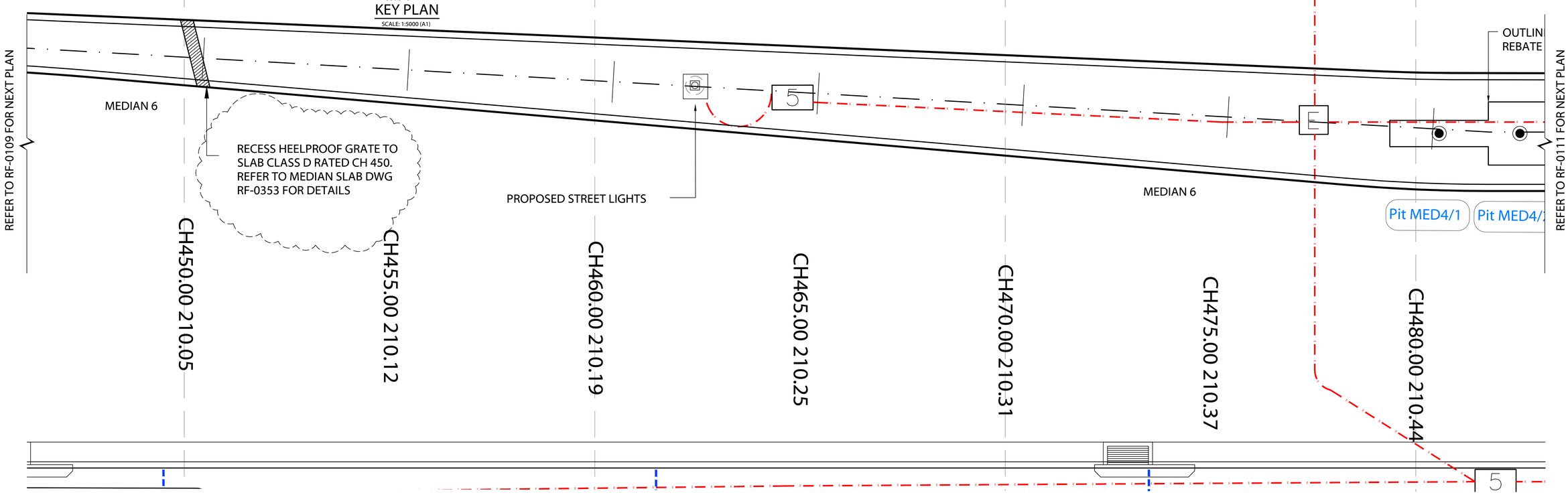
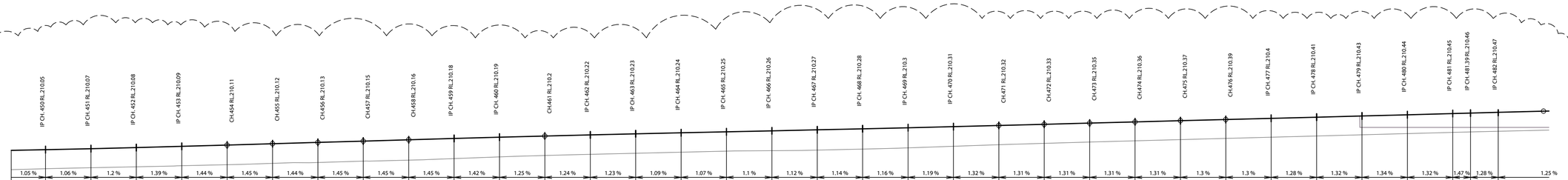
A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)





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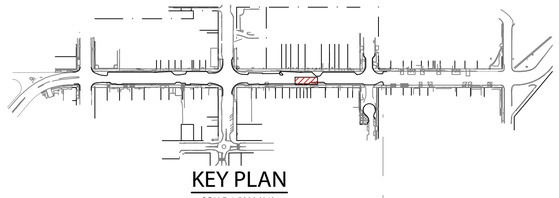
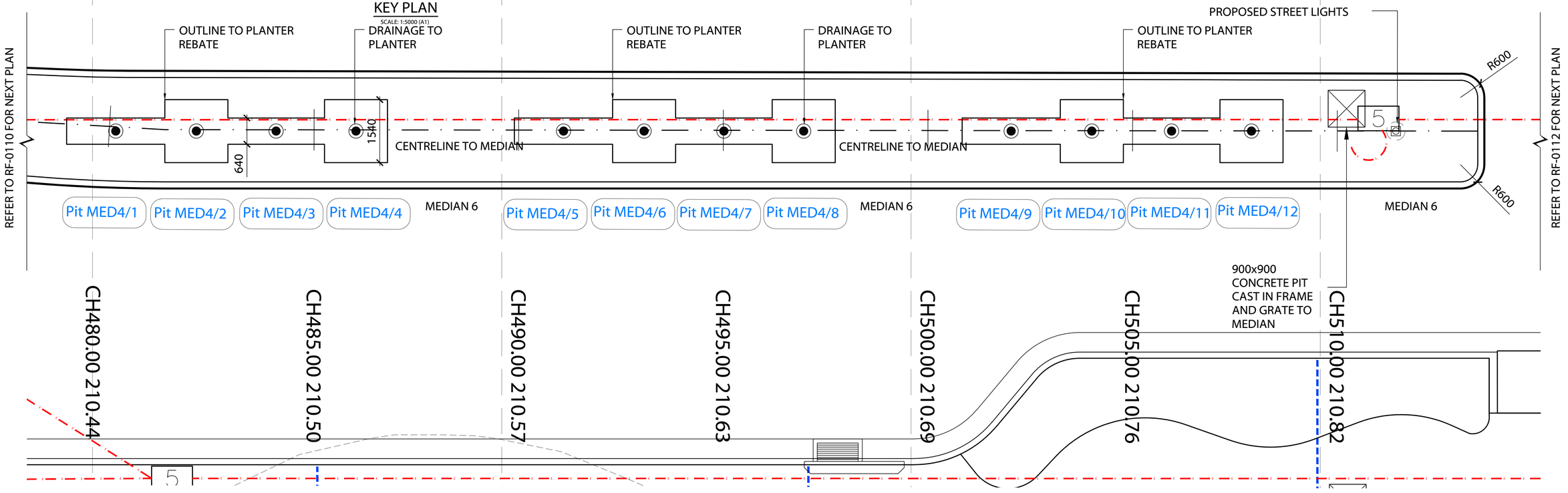
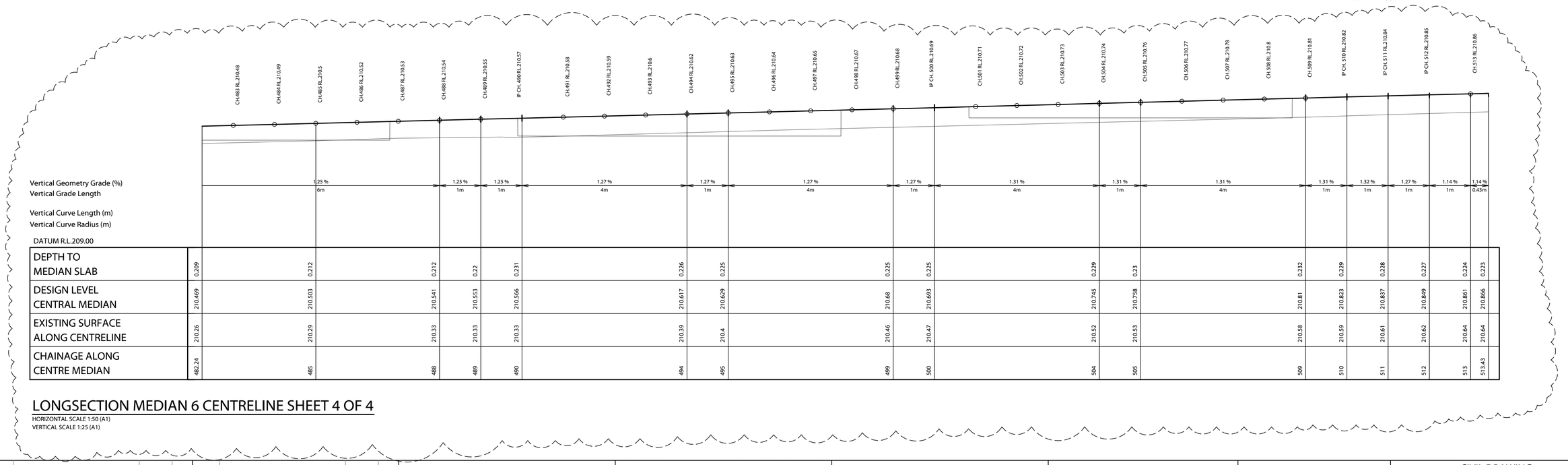
A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)





DEPTH TO MEDIAN SLAB	0.209		0.212			0.212		0.22	0.231				0.226		0.225				0.225	0.225			0.229	0.23			0.232	0.229	0.228	0.227	0.224	0.223
DESIGN LEVEL CENTRAL MEDIAN	210.469		210.503			210.541		210.553	210.566				210.617		210.629				210.68	210.693			210.745	210.758			210.81	210.823	210.837	210.849	210.861	210.866
EXISTING SURFACE ALONG CENTRELINE	210.26		210.29			210.33		210.33	210.33				210.39		210.4				210.46	210.47			210.52	210.53			210.58	210.59	210.61	210.62	210.64	210.64
CHAINAGE ALONG CENTRE MEDIAN	482.24		485			488		489	490				494		495				499	500			504	505			509	510	511	512	513	513.43

LONGSECTION MEDIAN 6 CENTRELINE SHEET 4 OF 4

HORIZONTAL SCALE 1:50 (A1)
VERTICAL SCALE 1:25 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337
Telephone: (02) 6540 1100
Facsimile: (02) 6545 2671
Email: council@upperhunter.nsw.gov.au

KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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www.rhmce.com.au
ABN 82 153 018 800

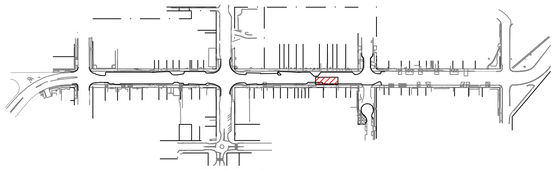
18-130 PART 10
MEDIAN PLAN
MEDIAN 6
SHEET 4 OF 4

Scale
Horizontal: 0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)
Vertical: 0 250 500 750 1000 1250
SCALE 1:25 (A1)

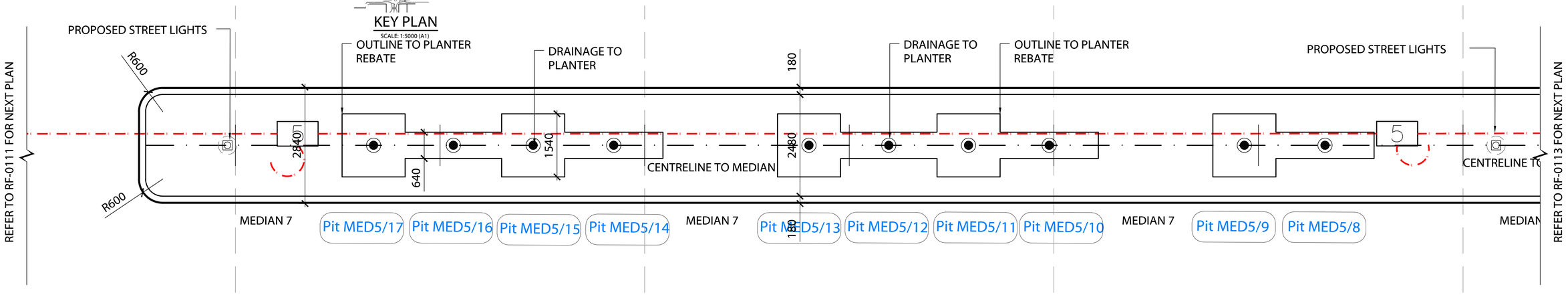
CIVIL DRAWING

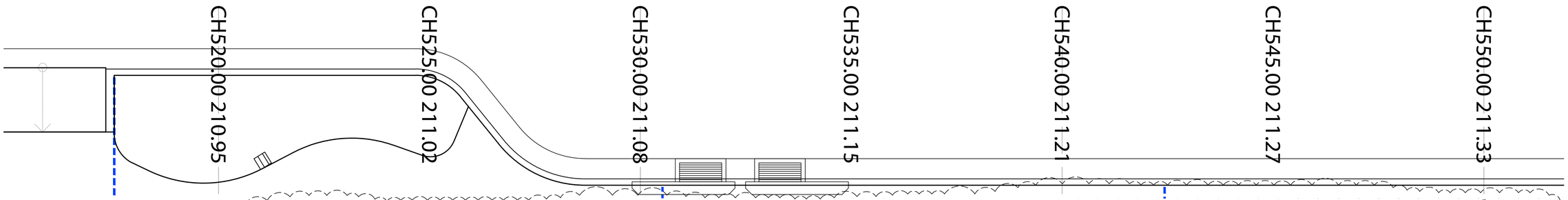
Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- RF-0111 02

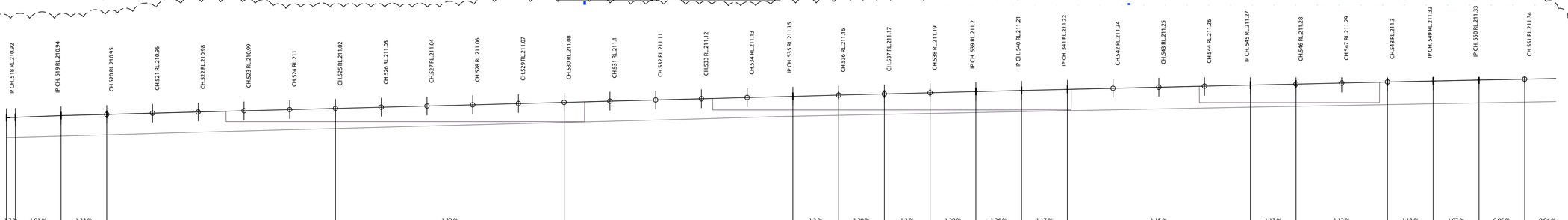
A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)

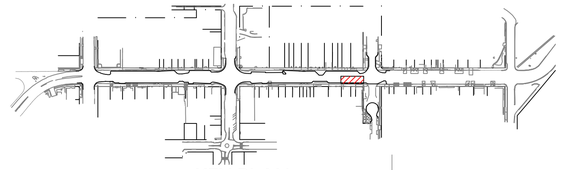




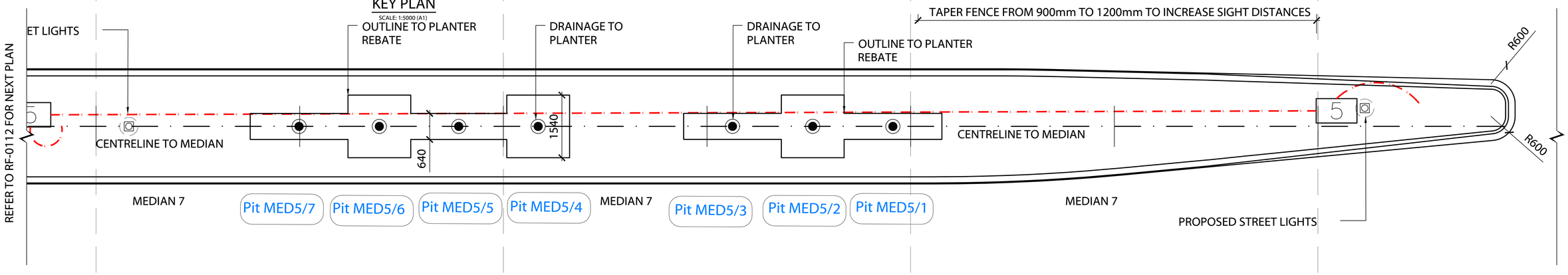


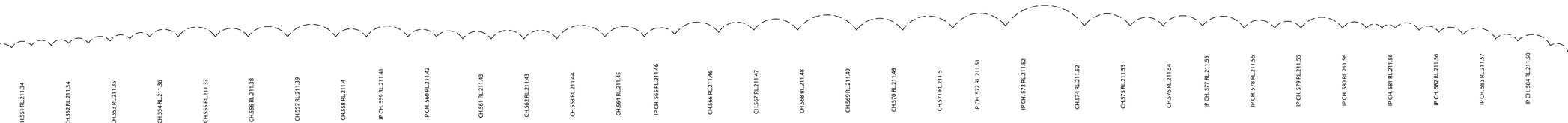
| | | |

A1 SHEET



KEY PLAN
SCALE: 1:5000 (A1)





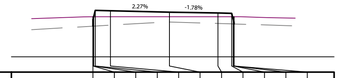
| | | |

A1 SHEET

Centreline Data (Top of Median)

X=298642.835
Y=6451758.976
Z=209.729

Datum209



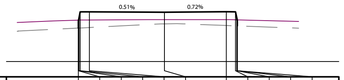
DESIGN SURFACE MEDIAN KELLY ST		209.5	209.607	209.657	209.757	209.751	209.729	209.715	209.708	209.609	209.56	209.536	
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.25	-0.23	-0.16	-0.17	-0.17	-0.07	-0.02	0		
EXISTING SURFACE LEVEL	209.5	209.5	209.5	209.5	209.52	209.57	209.54	209.54	209.54	209.54	209.54		
OFFSET FROM MEDIAN CENTRELINE	-1.25	-1.25	-1.24	-1.21	-0.96	0	0.79	1.02	1.04	1.05	1.05		

CHAINAGE 170.000

Centreline Data (Top of Median)

X=298642.006
Y=6451753.974
Z=209.804

Datum209



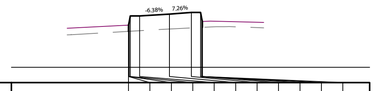
DESIGN SURFACE MEDIAN KELLY ST		209.545	209.66	209.71	209.81	209.81	209.804	209.811	209.811	209.711	209.661	209.581	
DEPTH TO EXIST SURFACE	0	-0.12	-0.16	-0.26	-0.26	-0.19	-0.22	-0.23	-0.13	-0.08	0		
EXISTING SURFACE LEVEL	209.55	209.55	209.55	209.55	209.55	209.61	209.59	209.58	209.58	209.58	209.58		
OFFSET FROM MEDIAN CENTRELINE	-1.41	-1.41	-1.4	-1.38	-1.23	0	1.01	1.16	1.18	1.19	1.19		

CHAINAGE 165.000

Centreline Data (Top of Median)

X=298640.526
Y=6451749.207
Z=209.869

Datum209



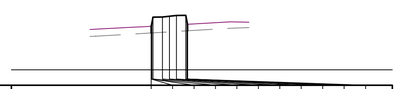
DESIGN SURFACE MEDIAN KELLY ST		209.587	209.688	209.738	209.838	209.838	209.838	209.869	209.895	209.895	209.795	209.745	209.653	
DEPTH TO EXIST SURFACE	0	-0.1	-0.15	-0.25	-0.24	-0.24	-0.25	-0.24	-0.14	-0.09	0		
EXISTING SURFACE LEVEL	209.59	209.59	209.59	209.59	209.6	209.63	209.64	209.65	209.65	209.65	209.65		
OFFSET FROM MEDIAN CENTRELINE	-0.67	-0.67	-0.66	-0.64	-0.49	0	0.36	0.51	0.53	0.54	0.54		

CHAINAGE 160.000

Centreline Data (Top of Median)

X=298639.855
Y=6451747.217
Z=209.876

Datum209



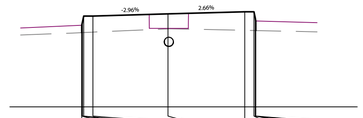
DESIGN SURFACE MEDIAN KELLY ST		209.602	209.711	209.761	209.861	209.862	209.876	209.889	209.89	209.79	209.741	209.637	
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.25	-0.26	-0.26	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	209.6	209.6	209.6	209.6	209.61	209.62	209.63	209.64	209.64	209.64	209.64		
OFFSET FROM MEDIAN CENTRELINE	-0.3	-0.3	-0.29	-0.27	-0.11	0	0.11	0.27	0.29	0.3	0.3		

CHAINAGE 157.900

Centreline Data (Top of Median)

X=298645.57
Y=6451778.789
Z=209.518

Datum208



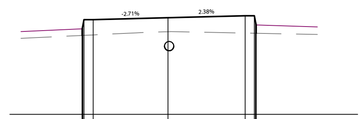
DESIGN SURFACE MEDIAN KELLY ST		209.212	209.332	209.382	209.482	209.482	209.518	209.552	209.552	209.452	209.402	209.245	
DEPTH TO EXIST SURFACE	0	-0.12	-0.17	-0.27	-0.26	-0.25	-0.3	-0.31	-0.21	-0.16	0		
EXISTING SURFACE LEVEL	209.21	209.21	209.21	209.21	209.22	209.27	209.25	209.25	209.25	209.25	209.25		
OFFSET FROM MEDIAN CENTRELINE	-1.41	-1.41	-1.4	-1.38	-1.23	0	1.25	1.4	1.42	1.43	1.43		

CHAINAGE 190.000

Centreline Data (Top of Median)

X=298644.887
Y=6451773.835
Z=209.577

Datum208



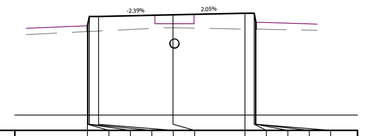
DESIGN SURFACE MEDIAN KELLY ST		209.287	209.394	209.444	209.544	209.544	209.577	209.607	209.607	209.507	209.457	209.323	
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.25	-0.23	-0.28	-0.28	-0.18	-0.13	0		
EXISTING SURFACE LEVEL	209.29	209.29	209.29	209.29	209.3	209.35	209.33	209.32	209.32	209.32	209.32		
OFFSET FROM MEDIAN CENTRELINE	-1.4	-1.4	-1.39	-1.37	-1.22	0	1.26	1.41	1.43	1.44	1.44		

CHAINAGE 185.000

Centreline Data (Top of Median)

X=298644.203
Y=6451768.882
Z=209.637

Datum208



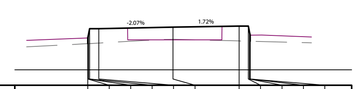
DESIGN SURFACE MEDIAN KELLY ST		209.363	209.458	209.508	209.608	209.608	209.637	209.661	209.661	209.561	209.511	209.403	
DEPTH TO EXIST SURFACE	0	-0.1	-0.14	-0.24	-0.24	-0.21	-0.26	-0.26	-0.16	-0.11	0		
EXISTING SURFACE LEVEL	209.36	209.36	209.36	209.36	209.37	209.43	209.4	209.4	209.4	209.4	209.4		
OFFSET FROM MEDIAN CENTRELINE	-1.4	-1.4	-1.39	-1.37	-1.22	0	1.17	1.32	1.34	1.35	1.35		

CHAINAGE 180.000

Centreline Data (Top of Median)

X=298643.519
Y=6451763.929
Z=209.697

Datum209



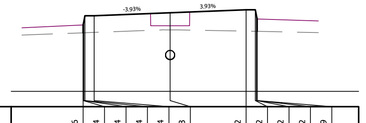
DESIGN SURFACE MEDIAN KELLY ST		209.428	209.522	209.572	209.672	209.672	209.697	209.715	209.715	209.615	209.565	209.467	
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.2	-0.24	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	209.43	209.43	209.43	209.43	209.44	209.5	209.47	209.47	209.47	209.47	209.47		
OFFSET FROM MEDIAN CENTRELINE	-1.39	-1.39	-1.38	-1.36	-1.21	0	1.08	1.23	1.25	1.26	1.26		

CHAINAGE 175.000

Centreline Data (Top of Median)

X=298648.976
Y=6451803.552
Z=209.283

Datum208



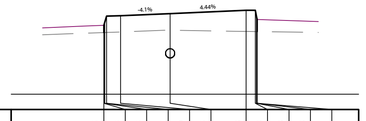
DESIGN SURFACE MEDIAN KELLY ST		208.956	209.084	209.134	209.234	209.234	209.283	209.332	209.332	209.232	209.182	208.979	
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.27	-0.28	-0.35	-0.35	-0.25	-0.2	0		
EXISTING SURFACE LEVEL	208.96	208.96	208.96	208.96	208.96	209	208.98	208.98	208.98	208.98	208.98		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 215.000

Centreline Data (Top of Median)

X=298648.297
Y=6451798.598
Z=209.313

Datum208



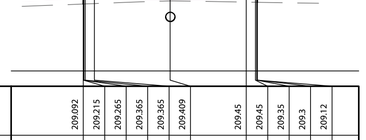
DESIGN SURFACE MEDIAN KELLY ST		209.005	209.123	209.173	209.274	209.279	209.313	209.368	209.368	209.268	209.218	209.021	
DEPTH TO EXIST SURFACE	0	-0.12	-0.17	-0.27	-0.26	-0.27	-0.34	-0.35	-0.25	-0.2	0		
EXISTING SURFACE LEVEL	209	209	209.01	209.01	209.01	209.04	209.02	209.02	209.02	209.02	209.02		
OFFSET FROM MEDIAN CENTRELINE	-1.08	-1.08	-1.07	-1.04	-0.81	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 210.000

Centreline Data (Top of Median)

X=298646.938
Y=6451788.695
Z=209.409

Datum208



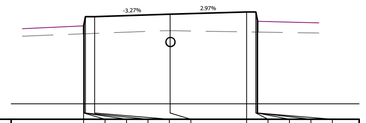
DESIGN SURFACE MEDIAN KELLY ST		209.092	209.215	209.265	209.365	209.365	209.409	209.45	209.45	209.35	209.3	209.12	
DEPTH TO EXIST SURFACE	0	-0.12	-0.17	-0.27	-0.27	-0.27	-0.33	-0.33	-0.23	-0.18	0		
EXISTING SURFACE LEVEL	209.09	209.09	209.09	209.09	209.1	209.14	209.12	209.12	209.12	209.12	209.12		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 200.000

Centreline Data (Top of Median)

X=298646.254
Y=6451783.742
Z=209.463

Datum208



DESIGN SURFACE MEDIAN KELLY ST		209.143	209.273	209.323	209.423	209.423	209.463	209.5	209.5	209.4	209.35	209.172	
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.27	-0.27	-0.33	-0.33	-0.23	-0.18	0		
EXISTING SURFACE LEVEL	209.14	209.14	209.14	209.14	209.15	209.19	209.17	209.17	209.17	209.17	209.17		
OFFSET FROM MEDIAN CENTRELINE	-1.41	-1.41	-1.4	-1.38	-1.23	0	1.25	1.4	1.42	1.43	1.43		

CHAINAGE 195.000

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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KELLY STREET REVITALISATION PROJECT
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ABN 82 153 018 800

18-130 PART 10
MEDIAN PLAN
CROSS SECTIONS
SHEET 1

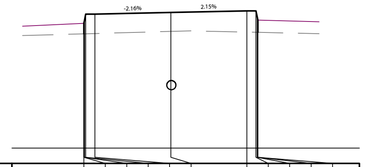
Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)
Vertical:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0151	02

A1 SHEET

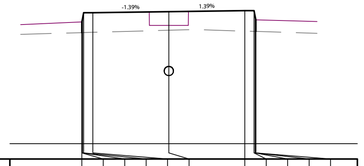
Centreline Data (Top of Median)
X=298651.011
Y=6451818.413
Z=209.213
Datum207



DESIGN SURFACE MEDIAN KELLY ST	208.864	209.036	209.086	209.186	209.186	209.213	209.24	209.24	209.14	209.09	208.889			
DEPTH TO EXIST SURFACE	0	-0.17	-0.22	-0.32	-0.32	-0.31	-0.35	-0.35	-0.25	-0.2	0			
EXISTING SURFACE LEVEL	208.86	208.86	208.86	208.87	208.87	208.9	208.89	208.89	208.89	208.89	208.89			
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 230.000

Centreline Data (Top of Median)
X=298653.047
Y=6451833.275
Z=209.154
Datum207



DESIGN SURFACE MEDIAN KELLY ST	208.812	208.986	209.036	209.136	209.154	209.171	209.171	209.071	209.021	208.831				
DEPTH TO EXIST SURFACE	0	-0.17	-0.22	-0.32	-0.3	-0.33	-0.34	-0.24	-0.19	0				
EXISTING SURFACE LEVEL	208.81	208.81	208.81	208.81	208.82	208.84	208.83	208.83	208.83	208.83				
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 245.000

Centreline Data (Top of Median)
X=298655.76
Y=6451853.09
Z=209.07
Datum208



DESIGN SURFACE MEDIAN KELLY ST	208.773	208.919	208.969	209.069	209.069	209.07	209.071	209.071	208.971	208.921	208.793			
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.3	-0.29	-0.26	-0.27	-0.28	-0.18	-0.13	0			
EXISTING SURFACE LEVEL	208.77	208.77	208.77	208.77	208.78	208.81	208.8	208.79	208.79	208.79	208.79			
OFFSET FROM MEDIAN CENTRELINE	-1.46	-1.46	-1.45	-1.43	-1.28	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 265.000

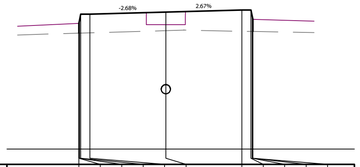
Centreline Data (Top of Median)
X=298655.082
Y=6451848.136
Z=209.092
Datum208



DESIGN SURFACE MEDIAN KELLY ST	208.783	208.936	208.986	209.086	209.086	209.092	209.098	209.098	208.998	208.948	208.808			
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.3	-0.3	-0.27	-0.29	-0.29	-0.19	-0.14	0			
EXISTING SURFACE LEVEL	208.78	208.78	208.78	208.78	208.79	208.82	208.81	208.81	208.81	208.81	208.81			
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 260.000

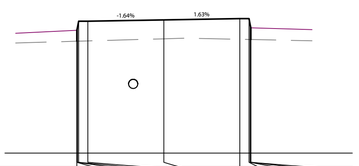
Centreline Data (Top of Median)
X=298650.333
Y=6451813.46
Z=209.235
Datum207



DESIGN SURFACE MEDIAN KELLY ST	208.892	209.052	209.102	209.202	209.202	209.235	209.268	209.268	209.168	209.118	208.919			
DEPTH TO EXIST SURFACE	0	-0.16	-0.21	-0.31	-0.31	-0.3	-0.35	-0.35	-0.25	-0.2	0			
EXISTING SURFACE LEVEL	208.89	208.89	208.89	208.89	208.9	208.93	208.92	208.92	208.92	208.92	208.92			
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 225.000

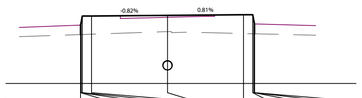
Centreline Data (Top of Median)
X=298652.368
Y=6451828.321
Z=209.174
Datum207



DESIGN SURFACE MEDIAN KELLY ST	208.825	209.003	209.053	209.153	209.153	209.174	209.194	209.194	209.094	209.044	208.853			
DEPTH TO EXIST SURFACE	0	-0.18	-0.23	-0.33	-0.32	-0.31	-0.34	-0.34	-0.24	-0.19	0			
EXISTING SURFACE LEVEL	208.83	208.83	208.83	208.83	208.83	208.87	208.86	208.85	208.85	208.85	208.85			
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 240.000

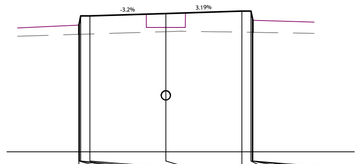
Centreline Data (Top of Median)
X=298654.404
Y=6451843.182
Z=209.113
Datum208



DESIGN SURFACE MEDIAN KELLY ST	208.799	208.952	209.002	209.102	209.113	209.123	209.123	209.023	208.973	208.812				
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.3	-0.26	-0.31	-0.31	-0.21	-0.16	0				
EXISTING SURFACE LEVEL	208.8	208.8	208.8	208.8	208.8	208.85	208.82	208.81	208.81	208.81				
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 255.000

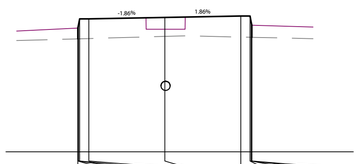
Centreline Data (Top of Median)
X=298649.654
Y=6451808.506
Z=209.258
Datum207



DESIGN SURFACE MEDIAN KELLY ST	208.918	209.068	209.118	209.218	209.218	209.258	209.297	209.297	209.197	209.147	208.951			
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.3	-0.29	-0.3	-0.34	-0.35	-0.25	-0.2	0			
EXISTING SURFACE LEVEL	208.92	208.92	208.92	208.92	208.92	208.96	208.95	208.95	208.95	208.95	208.95			
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 220.000

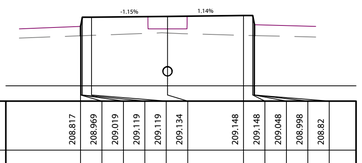
Centreline Data (Top of Median)
X=298651.69
Y=6451823.367
Z=209.193
Datum207



DESIGN SURFACE MEDIAN KELLY ST	208.844	209.02	209.07	209.17	209.17	209.193	209.216	209.216	209.116	209.066	208.869			
DEPTH TO EXIST SURFACE	0	-0.18	-0.23	-0.32	-0.32	-0.31	-0.34	-0.35	-0.25	-0.2	0			
EXISTING SURFACE LEVEL	208.84	208.84	208.84	208.85	208.85	208.88	208.87	208.87	208.87	208.87	208.87			
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 235.000

Centreline Data (Top of Median)
X=298653.725
Y=6451838.228
Z=209.134
Datum208



DESIGN SURFACE MEDIAN KELLY ST	208.817	208.969	209.019	209.119	209.119	209.134	209.148	209.148	209.048	208.998	208.82			
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.3	-0.3	-0.27	-0.32	-0.33	-0.23	-0.18	0			
EXISTING SURFACE LEVEL	208.82	208.82	208.82	208.82	208.82	208.86	208.82	208.82	208.82	208.82	208.82			
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42			

CHAINAGE 250.000

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 PART 10
MEDIAN PLAN
CROSS SECTIONS
SHEET 2

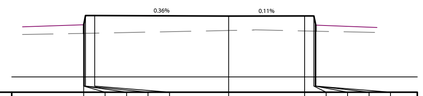
Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)
Vertical:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- RF-0152 02

A1 SHEET

Centreline Data (Top of Median)
X=298658.474
Y=6451872.905
Z=208.993

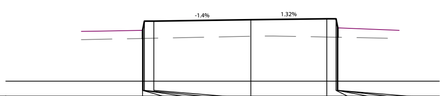


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.71	208.851	208.901	209.001	209.001	208.993	208.994	208.994	208.894	208.844	208.746		
DEPTH TO EXIST SURFACE	0	-0.14	-0.19	-0.29	-0.29	-0.24	-0.24	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	208.71	208.71	208.71	208.71	208.71	208.76	208.75	208.75	208.75	208.75	208.75		
OFFSET FROM MEDIAN CENTRELINE	-2.37	-2.37	-2.36	-2.34	-2.19	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 285.000

Centreline Data (Top of Median)
X=298661.213
Y=6451892.899
Z=209.002

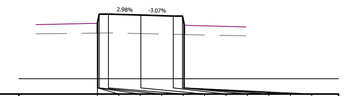


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.697	208.83	208.88	208.98	209.002	209.019	209.019	208.919	208.869	208.717			
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.27	-0.3	-0.3	-0.2	-0.15	0			
EXISTING SURFACE LEVEL	208.7	208.7	208.7	208.7	208.7	208.72	208.72	208.72	208.72	208.72			
OFFSET FROM MEDIAN CENTRELINE	-1.77	-1.77	-1.76	-1.74	-1.58	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 305.000

Centreline Data (Top of Median)
X=298664.534
Y=6451911.914
Z=209.039

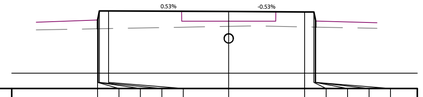


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.745	208.904	208.954	209.054	209.054	209.039	209.022	209.022	208.922	208.872	208.721		
DEPTH TO EXIST SURFACE	0	-0.16	-0.21	-0.31	-0.31	-0.3	-0.3	-0.3	-0.2	-0.15	0		
EXISTING SURFACE LEVEL	208.74	208.74	208.74	208.75	208.75	208.74	208.72	208.72	208.72	208.72	208.72		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 325.000

Centreline Data (Top of Median)
X=298657.796
Y=6451867.951
Z=209.007



Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.726	208.868	208.918	209.018	209.018	209.007	209.001	209.001	208.901	208.851	208.753		
DEPTH TO EXIST SURFACE	0	-0.14	-0.19	-0.29	-0.29	-0.24	-0.24	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	208.73	208.73	208.73	208.73	208.73	208.77	208.76	208.75	208.75	208.75	208.75		
OFFSET FROM MEDIAN CENTRELINE	-2.14	-2.14	-2.13	-2.11	-1.96	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 280.000

Centreline Data (Top of Median)
X=298660.534
Y=6451887.945
Z=209.005

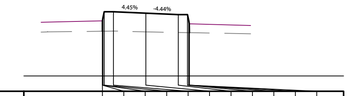


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.682	208.807	208.857	208.957	208.957	209.005	209.029	209.029	208.929	208.879	208.722		
DEPTH TO EXIST SURFACE	0	-0.13	-0.17	-0.27	-0.27	-0.27	-0.3	-0.31	-0.21	-0.16	0		
EXISTING SURFACE LEVEL	208.68	208.68	208.68	208.68	208.69	208.74	208.73	208.72	208.72	208.72	208.72		
OFFSET FROM MEDIAN CENTRELINE	-2.67	-2.67	-2.66	-2.64	-2.48	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 300.000

Centreline Data (Top of Median)
X=298663.855
Y=6451906.961
Z=209.025

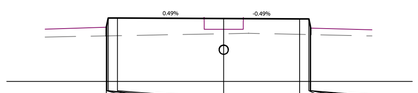


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.729	208.898	208.948	209.048	209.025	209.001	209.001	208.901	208.851	208.706			
DEPTH TO EXIST SURFACE	0	-0.17	-0.22	-0.32	-0.31	-0.29	-0.29	-0.19	-0.14	0			
EXISTING SURFACE LEVEL	208.73	208.73	208.73	208.73	208.72	208.71	208.71	208.71	208.71	208.71			
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 320.000

Centreline Data (Top of Median)
X=298657.117
Y=6451862.997
Z=209.026

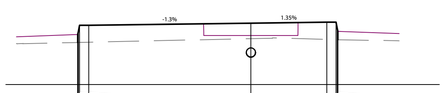


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.742	208.885	208.935	209.035	209.035	209.026	209.02	209.02	208.92	208.87	208.764		
DEPTH TO EXIST SURFACE	0	-0.14	-0.19	-0.29	-0.29	-0.25	-0.25	-0.25	-0.16	-0.11	0		
EXISTING SURFACE LEVEL	208.74	208.74	208.74	208.74	208.75	208.78	208.77	208.77	208.76	208.76	208.76		
OFFSET FROM MEDIAN CENTRELINE	-1.92	-1.92	-1.91	-1.89	-1.74	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 275.000

Centreline Data (Top of Median)
X=298659.856
Y=6451882.991
Z=209.001

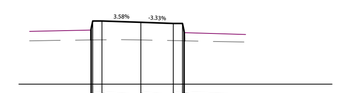


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.687	208.816	208.866	208.966	208.966	209.001	209.018	209.018	208.918	208.868	208.732		
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.28	-0.25	-0.28	-0.28	-0.19	-0.14	0		
EXISTING SURFACE LEVEL	208.69	208.69	208.69	208.69	208.69	208.75	208.74	208.73	208.73	208.73	208.73		
OFFSET FROM MEDIAN CENTRELINE	-2.83	-2.83	-2.82	-2.8	-2.65	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 295.000

Centreline Data (Top of Median)
X=298663.177
Y=6451902.007
Z=209.009



Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.721	208.881	208.931	209.031	209.031	209.009	208.991	208.991	208.891	208.841	208.707		
DEPTH TO EXIST SURFACE	0	-0.16	-0.21	-0.31	-0.31	-0.29	-0.28	-0.28	-0.18	-0.13	0		
EXISTING SURFACE LEVEL	208.72	208.72	208.72	208.72	208.72	208.72	208.71	208.71	208.71	208.71	208.71		
OFFSET FROM MEDIAN CENTRELINE	-0.82	-0.82	-0.81	-0.79	-0.64	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 315.000

Centreline Data (Top of Median)
X=298656.439
Y=6451858.043
Z=209.048

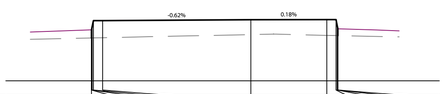


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.756	208.902	208.952	209.052	209.052	209.048	209.045	209.045	208.945	208.895	208.778		
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.29	-0.29	-0.26	-0.26	-0.27	-0.17	-0.12	0		
EXISTING SURFACE LEVEL	208.76	208.76	208.76	208.76	208.76	208.79	208.78	208.78	208.78	208.78	208.78		
OFFSET FROM MEDIAN CENTRELINE	-1.69	-1.69	-1.68	-1.66	-1.51	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 270.000

Centreline Data (Top of Median)
X=298659.177
Y=6451878.037
Z=208.998

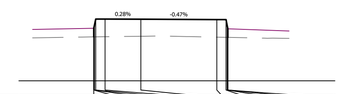


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.7	208.833	208.883	208.983	208.983	208.998	209	209	208.9	208.85	208.738		
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.28	-0.24	-0.26	-0.26	-0.16	-0.11	0		
EXISTING SURFACE LEVEL	208.7	208.7	208.7	208.7	208.7	208.75	208.74	208.74	208.74	208.74	208.74		
OFFSET FROM MEDIAN CENTRELINE	-2.6	-2.6	-2.59	-2.57	-2.42	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 290.000

Centreline Data (Top of Median)
X=298661.891
Y=6451897.852
Z=209.006



Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.717	208.857	208.907	209.007	209.007	209.006	209	209	208.9	208.85	208.709		
DEPTH TO EXIST SURFACE	0	-0.14	-0.19	-0.29	-0.29	-0.28	-0.29	-0.29	-0.19	-0.14	0		
EXISTING SURFACE LEVEL	208.72	208.72	208.72	208.72	208.72	208.73	208.71	208.71	208.71	208.71	208.71		
OFFSET FROM MEDIAN CENTRELINE	-0.77	-0.77	-0.76	-0.74	-0.58	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 310.000

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337
Telephone: (02) 6540 1100
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 PART 10
MEDIAN PLAN
CROSS SECTIONS
SHEET 3

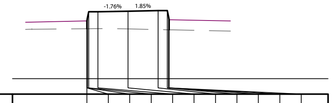
Scale
Horizontal: 0 0.5 1 1.5 2 2.5 SCALE 1:50 (A1)
Vertical: 0 0.5 1 1.5 2 2.5 SCALE 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0153	02

A1 SHEET

Centreline Data (Top of Median)
X=298667.248
Y=6451931.729
Z=209.102

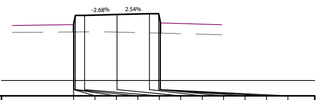


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.816	208.943	208.993	209.093	209.093	209.102	209.111	209.111	209.011	208.961	208.799		
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.28	-0.29	-0.31	-0.31	-0.21	-0.16	0		
EXISTING SURFACE LEVEL	208.82	208.82	208.82	208.82	208.82	208.81	208.8	208.8	208.8	208.8	208.8		
OFFSET FROM MEDIAN CENTRELINE	-0.67	-0.67	-0.66	-0.64	-0.49	0	0.49	0.64	0.66	0.67	0.67		

CHAINAGE 345.000

Centreline Data (Top of Median)
X=298666.569
Y=6451926.776
Z=209.076

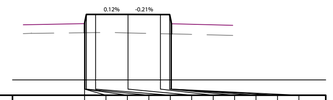


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.791	208.912	208.962	209.062	209.062	209.076	209.089	209.089	208.989	208.939	208.773		
DEPTH TO EXIST SURFACE	0	-0.12	-0.17	-0.27	-0.27	-0.29	-0.31	-0.32	-0.22	-0.17	0		
EXISTING SURFACE LEVEL	208.79	208.79	208.79	208.79	208.79	208.79	208.78	208.77	208.77	208.77	208.77		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 340.000

Centreline Data (Top of Median)
X=298665.891
Y=6451921.822
Z=209.068

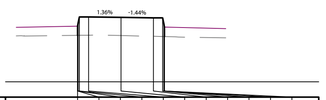


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.77	208.919	208.969	209.069	209.069	209.068	209.067	209.067	208.967	208.917	208.751		
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.3	-0.3	-0.3	-0.31	-0.32	-0.22	-0.17	0		
EXISTING SURFACE LEVEL	208.77	208.77	208.77	208.77	208.77	208.77	208.75	208.75	208.75	208.75	208.75		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 335.000

Centreline Data (Top of Median)
X=298665.212
Y=6451916.868
Z=209.052

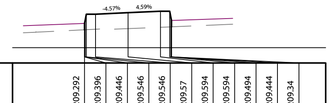


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.759	208.91	208.96	209.06	209.06	209.052	209.045	209.045	208.945	208.895	208.739		
DEPTH TO EXIST SURFACE	0	-0.15	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.21	-0.16	0		
EXISTING SURFACE LEVEL	208.76	208.76	208.76	208.76	208.76	208.76	208.74	208.74	208.74	208.74	208.74		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 330.000

Centreline Data (Top of Median)
X=298671.197
Y=6451982.672
Z=209.57

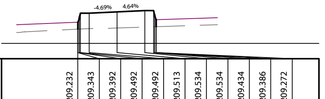


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.292	209.396	209.446	209.546	209.546	209.57	209.594	209.594	209.494	209.444	209.34		
DEPTH TO EXIST SURFACE	0	-0.1	-0.15	-0.25	-0.24	-0.26	-0.26	-0.26	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	209.29	209.29	209.29	209.29	209.3	209.31	209.33	209.34	209.34	209.34	209.34		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 395.000

Centreline Data (Top of Median)
X=298670.519
Y=6451977.718
Z=209.513

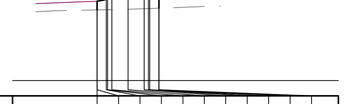


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.232	209.343	209.392	209.492	209.492	209.513	209.534	209.534	209.434	209.386	209.272		
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.25	-0.26	-0.27	-0.26	-0.16	-0.11	0		
EXISTING SURFACE LEVEL	209.23	209.23	209.23	209.23	209.24	209.25	209.27	209.27	209.27	209.27	209.27		
OFFSET FROM MEDIAN CENTRELINE	-0.64	-0.64	-0.62	-0.6	-0.45	0	0.45	0.6	0.62	0.64	0.64		

CHAINAGE 390.000

Centreline Data (Top of Median)
X=298669.84
Y=6451972.764
Z=209.439

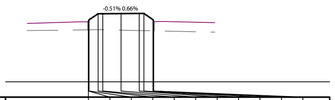


Datum208

DESIGN SURFACE MEDIAN KELLY ST	209.153	209.293	209.323	209.423	209.423	209.439	209.455	209.455	209.355	209.326	209.181		
DEPTH TO EXIST SURFACE	0	-0.14	-0.17	-0.27	-0.27	-0.28	-0.28	-0.28	-0.18	-0.14	0		
EXISTING SURFACE LEVEL	209.15	209.15	209.16	209.16	209.15	209.16	209.17	209.17	209.18	209.18	209.18		
OFFSET FROM MEDIAN CENTRELINE	-0.5	-0.5	-0.35	-0.33	-0.26	0	0.26	0.33	0.35	0.5	0.5		

CHAINAGE 385.000

Centreline Data (Top of Median)
X=298667.926
Y=6451936.683
Z=209.113

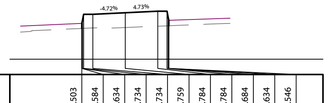


Datum208

DESIGN SURFACE MEDIAN KELLY ST	208.848	208.98	209.012	209.112	209.112	209.113	209.115	209.115	209.015	208.983	208.832		
DEPTH TO EXIST SURFACE	0	-0.13	-0.16	-0.26	-0.26	-0.27	-0.28	-0.28	-0.18	-0.15	0		
EXISTING SURFACE LEVEL	208.85	208.85	208.85	208.85	208.85	208.84	208.84	208.84	208.83	208.83	208.83		
OFFSET FROM MEDIAN CENTRELINE	-0.53	-0.53	-0.52	-0.37	-0.3	0	0.3	0.37	0.52	0.53	0.53		

CHAINAGE 350.000

Centreline Data (Top of Median)
X=298673.911
Y=6452002.487
Z=209.759

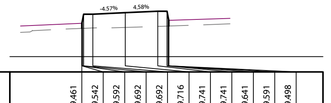


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.503	209.584	209.634	209.734	209.734	209.759	209.784	209.784	209.684	209.634	209.546		
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.23	-0.22	-0.24	-0.25	-0.24	-0.14	-0.09	0		
EXISTING SURFACE LEVEL	209.5	209.5	209.5	209.5	209.51	209.52	209.54	209.54	209.55	209.55	209.55		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 415.000

Centreline Data (Top of Median)
X=298673.233
Y=6451997.533
Z=209.716

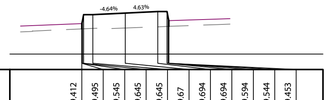


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.461	209.542	209.592	209.692	209.692	209.716	209.741	209.741	209.641	209.591	209.498		
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.23	-0.22	-0.24	-0.25	-0.24	-0.14	-0.09	0		
EXISTING SURFACE LEVEL	209.46	209.46	209.46	209.46	209.47	209.48	209.49	209.5	209.5	209.5	209.5		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 410.000

Centreline Data (Top of Median)
X=298672.554
Y=6451992.579
Z=209.67

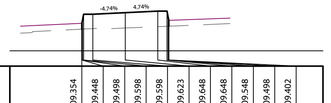


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.412	209.495	209.545	209.645	209.67	209.694	209.694	209.594	209.544	209.453			
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.23	-0.24	-0.25	-0.24	-0.14	-0.09	0			
EXISTING SURFACE LEVEL	209.41	209.41	209.41	209.41	209.42	209.43	209.45	209.45	209.45	209.45			
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 405.000

Centreline Data (Top of Median)
X=298671.876
Y=6451987.626
Z=209.623

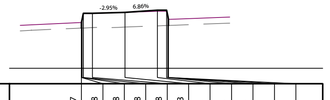


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.354	209.448	209.498	209.598	209.598	209.623	209.648	209.648	209.548	209.498	209.402		
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.25	-0.25	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	209.35	209.35	209.35	209.36	209.36	209.37	209.39	209.4	209.4	209.4	209.4		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 400.000

Centreline Data (Top of Median)
X=298676.625
Y=6452022.302
Z=209.913

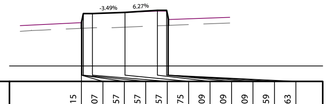


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.657	209.748	209.798	209.898	209.898	209.913	209.95	209.95	209.85	209.8	209.7		
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.24	-0.26	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	209.66	209.66	209.66	209.66	209.66	209.67	209.69	209.7	209.7	209.7	209.7		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 435.000

Centreline Data (Top of Median)
X=298675.947
Y=6452017.348
Z=209.875

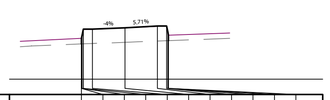


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.615	209.707	209.757	209.857	209.875	209.909	209.909	209.809	209.759	209.663			
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.24	-0.25	-0.24	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	209.62	209.62	209.62	209.62	209.63	209.66	209.66	209.66	209.66	209.66	209.66		
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 430.000

Centreline Data (Top of Median)
X=298675.268
Y=6452012.394
Z=209.838

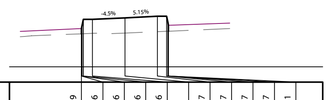


Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.576	209.666	209.716	209.816	209.838	209.868	209.868	209.768	209.718	209.629			
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.24	-0.24	-0.14	-0.09	0			
EXISTING SURFACE LEVEL	209.58	209.58	209.58	209.58	209.58	209.6	209.62	209.63	209.63	209.63			
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 425.000

Centreline Data (Top of Median)
X=298674.59
Y=6452007.441
Z=209.8



Datum209

DESIGN SURFACE MEDIAN KELLY ST	209.539	209.626	209.676	209.776	209.8	209.827	209.827	209.727	209.677	209.581			
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.25	-0.25	-0.15	-0.1	0			
EXISTING SURFACE LEVEL	209.54	209.54	209.54	209.54	209.55	209.57	209.58	209.58	209.58	209.58			
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71		

CHAINAGE 420.000

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 PART 10
MEDIAN PLAN
CROSS SECTIONS
SHEET 4

Scale
Horizontal: 0 0.5 1 1.5 2 2.5 SCALE 1:50 (A1)
Vertical: 0 0.5 1 1.5 2 2.5 SCALE 1:50 (A1)

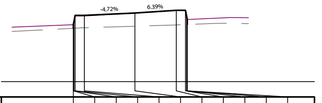
CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- RF-0154 02

A1 SHEET

Centreline Data (Top of Median)
X=298680.073
Y=6452041.995
Z=210.12

Datum209

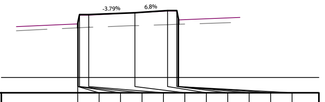


DESIGN SURFACE MEDIAN KELLY ST	209.87												209.932	
DEPTH TO EXIST SURFACE	0	-0.06	-0.11	-0.21	-0.2	-0.22	-0.24	-0.23	-0.13	-0.08	0			
EXISTING SURFACE LEVEL	209.87	209.87	209.87	209.87	209.88	209.9	209.93	209.93	209.93	209.93	209.93			
OFFSET FROM MEDIAN CENTRELINE	-1	-1	-0.99	-0.97	-0.82	0	0.68	0.83	0.85	0.86	0.86			

CHAINAGE 455.000

Centreline Data (Top of Median)
X=298679.111
Y=6452037.088
Z=210.054

Datum209

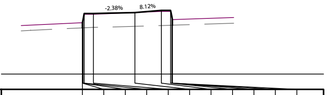


DESIGN SURFACE MEDIAN KELLY ST	209.81	209.876	209.926	210.026	210.026	210.054	210.091	210.091	209.991	209.941	209.867			
DEPTH TO EXIST SURFACE	0	-0.07	-0.12	-0.21	-0.21	-0.21	-0.23	-0.22	-0.12	-0.07	0			
EXISTING SURFACE LEVEL	209.81	209.81	209.81	209.81	209.82	209.84	209.86	209.87	209.87	209.87	209.87			
OFFSET FROM MEDIAN CENTRELINE	-0.93	-0.93	-0.92	-0.9	-0.75	0	0.53	0.68	0.7	0.71	0.71			

CHAINAGE 450.000

Centreline Data (Top of Median)
X=298678.15
Y=6452032.181
Z=210.003

Datum209

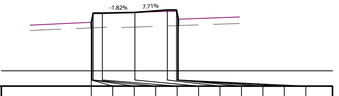


DESIGN SURFACE MEDIAN KELLY ST	209.752	209.837	209.887	209.987	209.987	210.003	210.038	210.038	209.938	209.888	209.797			
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.23	-0.23	-0.23	-0.25	-0.24	-0.14	-0.09	0			
EXISTING SURFACE LEVEL	209.75	209.75	209.75	209.75	209.76	209.78	209.79	209.8	209.8	209.8	209.8			
OFFSET FROM MEDIAN CENTRELINE	-0.86	-0.86	-0.85	-0.83	-0.68	0	0.43	0.58	0.6	0.61	0.61			

CHAINAGE 445.000

Centreline Data (Top of Median)
X=298677.304
Y=6452027.256
Z=209.952

Datum209

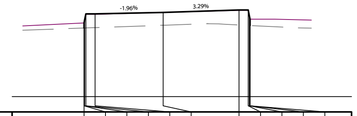


DESIGN SURFACE MEDIAN KELLY ST	209.701	209.793	209.843	209.943	209.943	209.952	209.993	209.993	209.893	209.843	209.739			
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.24	-0.26	-0.26	-0.15	-0.1	0			
EXISTING SURFACE LEVEL	209.7	209.7	209.7	209.7	209.71	209.71	209.73	209.74	209.74	209.74	209.74			
OFFSET FROM MEDIAN CENTRELINE	-0.71	-0.71	-0.7	-0.68	-0.53	0	0.53	0.68	0.7	0.71	0.71			

CHAINAGE 440.000

Centreline Data (Top of Median)
X=298683.917
Y=6452061.622
Z=210.373

Datum209

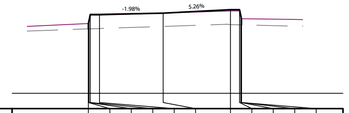


DESIGN SURFACE MEDIAN KELLY ST	210.12	210.202	210.252	210.352	210.352	210.373		210.414	210.414	210.314	210.264	210.161		
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.23	-0.23	-0.21		-0.24	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	210.12	210.12	210.12	210.12	210.13	210.16		210.17	210.16	210.16	210.16	210.16		
OFFSET FROM MEDIAN CENTRELINE	-1.29	-1.29	-1.28	-1.26	-1.11	0		1.24	1.39	1.41	1.42	1.42		

CHAINAGE 475.000

Centreline Data (Top of Median)
X=298682.956
Y=6452056.715
Z=210.308

Datum209

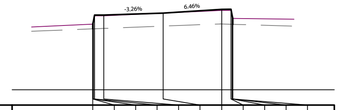


DESIGN SURFACE MEDIAN KELLY ST	210.051	210.137	210.187	210.287	210.287	210.308		210.366	210.366	210.266	210.216	210.117		
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.22		-0.24	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	210.05	210.05	210.05	210.05	210.06	210.09		210.12	210.12	210.12	210.12	210.12		
OFFSET FROM MEDIAN CENTRELINE	-1.22	-1.22	-1.21	-1.19	-1.04	0		1.1	1.25	1.27	1.28	1.28		

CHAINAGE 470.000

Centreline Data (Top of Median)
X=298681.995
Y=6452051.808
Z=210.251

Datum209

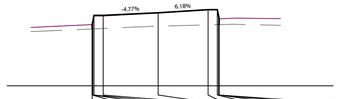


DESIGN SURFACE MEDIAN KELLY ST	209.993	210.069	210.119	210.219	210.219	210.251		210.313	210.313	210.213	210.163	210.067		
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.22	-0.22	-0.21		-0.24	-0.24	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	209.99	209.99	209.99	209.99	210	210.04		210.07	210.07	210.07	210.07	210.07		
OFFSET FROM MEDIAN CENTRELINE	-1.15	-1.15	-1.14	-1.12	-0.97	0		0.96	1.11	1.13	1.14	1.14		

CHAINAGE 465.000

Centreline Data (Top of Median)
X=298681.034
Y=6452046.902
Z=210.192

Datum209

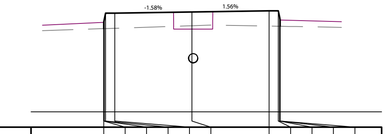


DESIGN SURFACE MEDIAN KELLY ST	209.928	209.999	210.049	210.149	210.149	210.192		210.242	210.243	210.143	210.093	209.999		
DEPTH TO EXIST SURFACE	0	-0.07	-0.12	-0.22	-0.21	-0.22		-0.25	-0.24	-0.14	-0.09	0		
EXISTING SURFACE LEVEL	209.93	209.93	209.93	209.93	209.94	209.97		209.99	210	210	210	210		
OFFSET FROM MEDIAN CENTRELINE	-1.08	-1.08	-1.07	-1.05	-0.9	0		0.82	0.97	0.99	1	1		

CHAINAGE 460.000

Centreline Data (Top of Median)
X=298687.007
Y=6452081.375
Z=210.629

Datum209

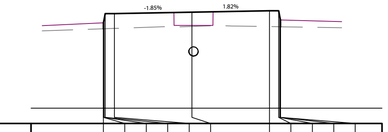


DESIGN SURFACE MEDIAN KELLY ST	210.358	210.459	210.509	210.609	210.609	210.629		210.649	210.649	210.549	210.499	210.395		
DEPTH TO EXIST SURFACE	0	-0.1	-0.15	-0.25	-0.25	-0.22		-0.25	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	210.36	210.36	210.36	210.36	210.36	210.4		210.4	210.4	210.4	210.4	210.4		
OFFSET FROM MEDIAN CENTRELINE	-1.44	-1.44	-1.43	-1.41	-1.26	0		1.26	1.41	1.43	1.44	1.44		

CHAINAGE 495.000

Centreline Data (Top of Median)
X=298686.323
Y=6452076.422
Z=210.566

Datum209

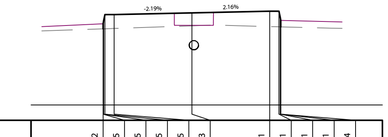


DESIGN SURFACE MEDIAN KELLY ST	210.296	210.393	210.443	210.543	210.543	210.566		210.589	210.589	210.489	210.439	210.328		
DEPTH TO EXIST SURFACE	0	-0.1	-0.15	-0.25	-0.24	-0.23		-0.26	-0.26	-0.16	-0.11	0		
EXISTING SURFACE LEVEL	210.3	210.3	210.3	210.3	210.3	210.33		210.33	210.33	210.33	210.33	210.33		
OFFSET FROM MEDIAN CENTRELINE	-1.45	-1.45	-1.44	-1.42	-1.27	0		1.27	1.42	1.44	1.45	1.45		

CHAINAGE 490.000

Centreline Data (Top of Median)
X=298685.639
Y=6452071.469
Z=210.503

Datum209

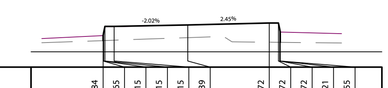


DESIGN SURFACE MEDIAN KELLY ST	210.242	210.325	210.375	210.475	210.475	210.503		210.531	210.531	210.431	210.381	210.274		
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.23	-0.23	-0.21		-0.25	-0.26	-0.16	-0.11	0		
EXISTING SURFACE LEVEL	210.24	210.24	210.24	210.24	210.25	210.29		210.28	210.28	210.27	210.27	210.27		
OFFSET FROM MEDIAN CENTRELINE	-1.45	-1.45	-1.44	-1.42	-1.27	0		1.27	1.42	1.44	1.45	1.45		

CHAINAGE 485.000

Centreline Data (Top of Median)
X=298684.878
Y=6452066.529
Z=210.439

Datum210



DESIGN SURFACE MEDIAN KELLY ST	210.184	210.265	210.315	210.415	210.415	210.439		210.472	210.472	210.372	210.321	210.155		
DEPTH TO EXIST SURFACE	0	-0.08	-0.13	-0.23	-0.22	-0.21		-0.31	-0.32	-0.22	-0.17	0		
EXISTING SURFACE LEVEL	210.18	210.18	210.18	210.18	210.19	210.23		210.16	210.16	210.16	210.16	210.16		
OFFSET FROM MEDIAN CENTRELINE	-1.38	-1.38	-1.37	-1.35	-1.2	0		1.33	1.48	1.5	1.51	1.51		

CHAINAGE 480.000

Centreline Data (Top of Median)
X=298690.363
Y=6452105.732
Z=210.95

Datum210



DESIGN SURFACE MEDIAN KELLY ST	210.696	210.786	210.836	210.936	210.936	210.95		210.964	210.964	210.864	210.814	210.72		
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.24	-0.22		-0.24	-0.24	-0.14	-0.09	0		
EXISTING SURFACE LEVEL	210.7	210.7	210.7	210.7	210.7	210.73		210.72	210.72	210.72	210.72	210.72		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0		1.24	1.39	1.41	1.42	1.42		

CHAINAGE 520.000

Centreline Data (Top of Median)
X=298689.059
Y=6452096.234
Z=210.823

Datum210

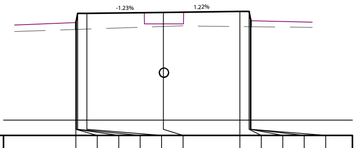


DESIGN SURFACE MEDIAN KELLY ST	210.548	210.659	210.709	210.809	210.809	210.823		210.837	210.837	210.737	210.687	210.596		
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.26	-0.23		-0.24	-0.24	-0.14	-0.09	0		
EXISTING SURFACE LEVEL	210.55	210.55	210.55	210.55	210.55	210.59		210.6	210.6	210.6	210.6	210.6		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0		1.24	1.39	1.41	1.42	1.42		

CHAINAGE 510.000

Centreline Data (Top of Median)
X=298688.375
Y=6452091.281
Z=210.758

Datum209

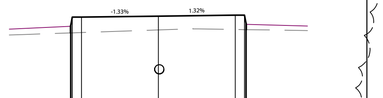


DESIGN SURFACE MEDIAN KELLY ST	210.479	210.593	210.643	210.743	210.743	210.758		210.773	210.773	210.673	210.623	210.525		
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.26	-0.23		-0.25	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	210.48	210.48	210.48	210.48	210.49	210.53		210.53	210.53	210.52	210.52	210.52		
OFFSET FROM MEDIAN CENTRELINE	-1.43	-1.43	-1.42	-1.4	-1.25	0		1.25	1.4	1.42	1.43	1.43		

CHAINAGE 505.000

Centreline Data (Top of Median)
X=298687.691
Y=6452086.328
Z=210.693

Datum209



DESIGN SURFACE MEDIAN KELLY ST	210.418	210.526	210.576	210.676	210.676	210.693		210.709	210.709	210.609	210.559	210.472		
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.25	-0.23		-0.23	-0.24	-0.14	-0.09	0		
EXISTING SURFACE LEVEL	210.42	210.42	210.42	210.42	210.42	210.47		210.47	210.47	210.47	210.47	210.47		
OFFSET FROM MEDIAN CENTRELINE	-1.43	-1.43	-1.42	-1.4	-1.25	0		1.25	1.4	1.42	1.43	1.43		

CHAINAGE 500.000

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 PART 10
MEDIAN PLAN
CROSS SECTIONS
SHEET 5

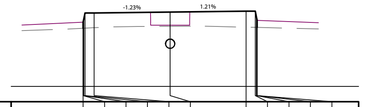
Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)
Vertical:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- RF-0155 02

A1 SHEET

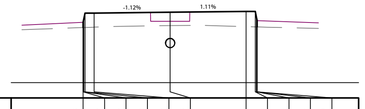
Centreline Data (Top of Median)
X=298693.077
Y=6452125.547
Z=211.213
Datum210



DESIGN SURFACE MEDIAN KELLY ST	210.949	211.047	211.097	211.197	211.197	211.213	211.228	211.228	211.128	211.078	210.962		
DEPTH TO EXIST SURFACE	0	-0.1	-0.15	-0.25	-0.24	-0.23	-0.26	-0.26	-0.17	-0.12	0		
EXISTING SURFACE LEVEL	210.95	210.95	210.95	210.95	210.96	210.98	210.97	210.96	210.96	210.96	210.96		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 540.000

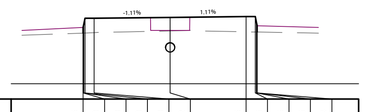
Centreline Data (Top of Median)
X=298692.399
Y=6452120.593
Z=211.148
Datum210



DESIGN SURFACE MEDIAN KELLY ST	210.898	210.984	211.034	211.134	211.134	211.148	211.162	211.162	211.062	211.012	210.909		
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.22	-0.25	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	210.9	210.9	210.9	210.9	210.9	210.93	210.91	210.91	210.91	210.91	210.91		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 535.000

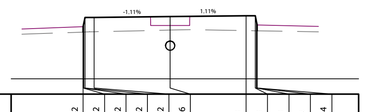
Centreline Data (Top of Median)
X=298691.72
Y=6452115.639
Z=211.082
Datum210



DESIGN SURFACE MEDIAN KELLY ST	210.826	210.918	210.968	211.068	211.068	211.082	211.096	211.096	210.996	210.946	210.844		
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.22	-0.25	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	210.83	210.83	210.83	210.83	210.83	210.86	210.85	210.84	210.84	210.84	210.84		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 530.000

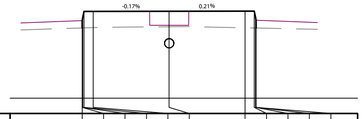
Centreline Data (Top of Median)
X=298691.042
Y=6452110.686
Z=211.016
Datum210



DESIGN SURFACE MEDIAN KELLY ST	210.762	210.852	210.902	211.002	211.002	211.016	211.03	211.03	210.93	210.88	210.784		
DEPTH TO EXIST SURFACE	0	-0.09	-0.14	-0.24	-0.23	-0.22	-0.24	-0.25	-0.15	-0.1	0		
EXISTING SURFACE LEVEL	210.76	210.76	210.76	210.76	210.77	210.8	210.79	210.78	210.78	210.78	210.78		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 525.000

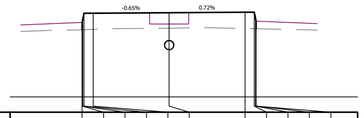
Centreline Data (Top of Median)
X=298695.791
Y=6452145.362
Z=211.419
Datum210



DESIGN SURFACE MEDIAN KELLY ST	211.146	211.267	211.317	211.417	211.417	211.419	211.422	211.422	211.323	211.272	211.145		
DEPTH TO EXIST SURFACE	0	-0.12	-0.17	-0.27	-0.27	-0.25	-0.27	-0.28	-0.18	-0.13	0		
EXISTING SURFACE LEVEL	211.15	211.15	211.15	211.15	211.15	211.17	211.15	211.15	211.15	211.15	211.15		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 560.000

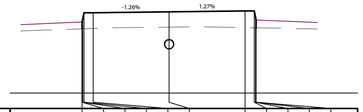
Centreline Data (Top of Median)
X=298695.113
Y=6452140.408
Z=211.373
Datum210



DESIGN SURFACE MEDIAN KELLY ST	211.095	211.215	211.265	211.365	211.365	211.373	211.382	211.382	211.282	211.232	211.113		
DEPTH TO EXIST SURFACE	0	-0.12	-0.17	-0.27	-0.26	-0.25	-0.27	-0.27	-0.17	-0.12	0		
EXISTING SURFACE LEVEL	211.1	211.1	211.1	211.1	211.1	211.12	211.12	211.11	211.11	211.11	211.11		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 555.000

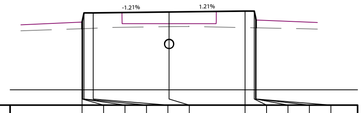
Centreline Data (Top of Median)
X=298694.434
Y=6452135.454
Z=211.326
Datum210



DESIGN SURFACE MEDIAN KELLY ST	211.048	211.16	211.21	211.31	211.31	211.326	211.342	211.342	211.242	211.192	211.066		
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.26	-0.25	-0.27	-0.28	-0.18	-0.13	0		
EXISTING SURFACE LEVEL	211.05	211.05	211.05	211.05	211.06	211.08	211.07	211.07	211.07	211.07	211.07		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 550.000

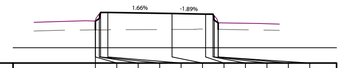
Centreline Data (Top of Median)
X=298693.756
Y=6452130.501
Z=211.27
Datum210



DESIGN SURFACE MEDIAN KELLY ST	210.998	211.105	211.155	211.255	211.255	211.27	211.285	211.285	211.185	211.135	211.012		
DEPTH TO EXIST SURFACE	0	-0.11	-0.16	-0.26	-0.25	-0.24	-0.27	-0.27	-0.17	-0.12	0		
EXISTING SURFACE LEVEL	211	211	211	211	211	211.03	211.02	211.01	211.01	211.01	211.01		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 545.000

Centreline Data (Top of Median)
X=298698.505
Y=6452165.177
Z=211.559
Datum211



DESIGN SURFACE MEDIAN KELLY ST	211.292	211.435	211.477	211.577	211.577	211.559	211.549	211.549	211.449	211.406	211.301		
DEPTH TO EXIST SURFACE	0	-0.14	-0.19	-0.29	-0.28	-0.26	-0.24	-0.25	-0.15	-0.11	0		
EXISTING SURFACE LEVEL	211.29	211.29	211.29	211.29	211.29	211.3	211.3	211.3	211.3	211.3	211.3		
OFFSET FROM MEDIAN CENTRELINE	-1.25	-1.25	-1.19	-1.17	-1.05	0	0.55	0.67	0.69	0.75	0.75		

CHAINAGE 580.000

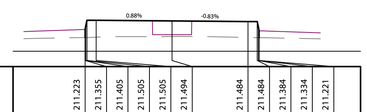
Centreline Data (Top of Median)
X=298697.827
Y=6452160.223
Z=211.531
Datum211



DESIGN SURFACE MEDIAN KELLY ST	211.26	211.397	211.447	211.547	211.531	211.517	211.517	211.417	211.367	211.267			
DEPTH TO EXIST SURFACE	0	-0.14	-0.19	-0.29	-0.26	-0.25	-0.25	-0.15	-0.1	0			
EXISTING SURFACE LEVEL	211.26	211.26	211.26	211.26	211.27	211.27	211.27	211.27	211.27	211.27			
OFFSET FROM MEDIAN CENTRELINE	-1.37	-1.37	-1.36	-1.34	-1.19	0	1.04	1.19	1.21	1.22	1.22		

CHAINAGE 575.000

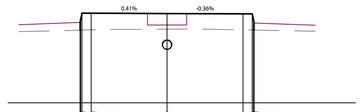
Centreline Data (Top of Median)
X=298697.148
Y=6452155.269
Z=211.494
Datum211



DESIGN SURFACE MEDIAN KELLY ST	211.223	211.355	211.405	211.505	211.505	211.494	211.484	211.484	211.384	211.334	211.221		
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.28	-0.25	-0.26	-0.26	-0.16	-0.11	0		
EXISTING SURFACE LEVEL	211.22	211.22	211.22	211.22	211.23	211.24	211.22	211.22	211.22	211.22	211.22		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 570.000

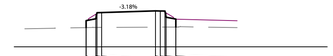
Centreline Data (Top of Median)
X=298696.47
Y=6452150.316
Z=211.458
Datum210



DESIGN SURFACE MEDIAN KELLY ST	211.186	211.313	211.363	211.463	211.463	211.458	211.453	211.453	211.353	211.303	211.188		
DEPTH TO EXIST SURFACE	0	-0.13	-0.18	-0.28	-0.27	-0.25	-0.26	-0.26	-0.17	-0.12	0		
EXISTING SURFACE LEVEL	211.19	211.19	211.19	211.19	211.19	211.2	211.19	211.19	211.19	211.19	211.19		
OFFSET FROM MEDIAN CENTRELINE	-1.42	-1.42	-1.41	-1.39	-1.24	0	1.24	1.39	1.41	1.42	1.42		

CHAINAGE 565.000

Centreline Data (Top of Median)
X=298699.102
Y=6452169.536
Z=211.587
Datum211



DESIGN SURFACE MEDIAN KELLY ST	211.314	211.428	211.458	211.558	211.559	211.587	211.585	211.584	211.484	211.453	211.322		
DEPTH TO EXIST SURFACE	0	-0.11	-0.14	-0.24	-0.24	-0.27	-0.26	-0.26	-0.16	-0.13	0		
EXISTING SURFACE LEVEL	211.31	211.31	211.32	211.32	211.32	211.32	211.32	211.32	211.32	211.32	211.32		
OFFSET FROM MEDIAN CENTRELINE	-1.13	-1.13	-0.97	-0.95	-0.88	0	0.08	0.15	0.17	0.33	0.33		

CHAINAGE 584.400

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337
Telephone: (02) 6540 1100
Facsimile: (02) 6545 2671
Email: council@upperhunter.nsw.gov.au

KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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www.rhmce.com.au
ABN 82 153 018 800

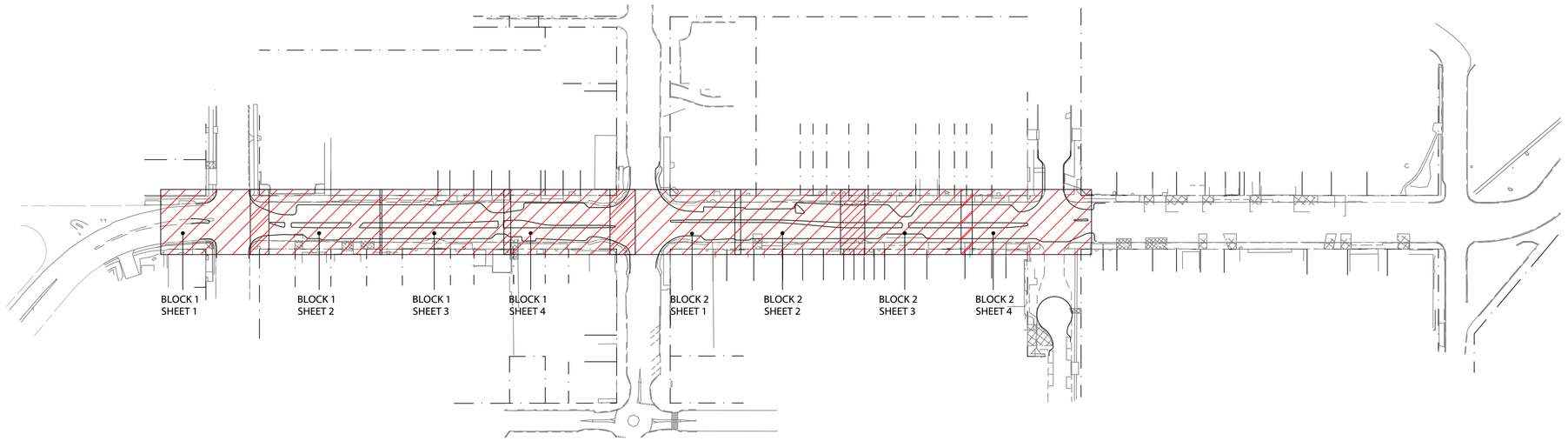
18-130 PART 10
MEDIAN PLAN
CROSS SECTIONS
SHEET 6

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)
Vertical:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0156	02

A1 SHEET



KEY PLAN - OVERALL SHEET ARRANGEMENT

SCALE: 1:1500 (A1)

PROPOSED LIGHTING INDICATIVE
FINAL DESIGN AS PER ELECTRICAL
PROJECTS AUSTRALIA

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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KELLY STREET REVITALISATION
PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 PART 10
MEDIAN
STORMWATER
OVERALL PLAN

Scale
Horizontal:
0 5 10 15 20 25
SCALE 1:500 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA		
Datum	NIL	Project Engineer/Director	Date
Date	OCT 23	Drawing No: CONS- RF-0200	Rev 02

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES EXISTING PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW GRATED DRAIN
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES SET- OUT
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

CH 110 CH 120 CH 130 CH 140 CH 150 CH 160 CH 170

COLES CARPARK

Pit C/1 TG#1 Pit D/2 Pit D/3 Pit Ex A/4 P

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

NEW FLOORWASTER PIT TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR PIT DETAILS

MEDIAN 2 MEDIAN 3

Pit MED1/1 Pit M

REFER TO RF-0202 FOR NEXT PLAN

Pit Ex A/1

Pit A/1 Pit A/2 Pit Ex A/4

CH160.00 209.85 CH165.00 209.78 CH170.00 209.73 CH175.00 209.69

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

UPPER HUNTER SHIRE COUNCIL
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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www.rhmce.com.au
ABN 82 153 018 800

18-130 PART 10
MEDIAN
STORMWATER PLAN
BLOCK 1 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- RF-0201	01

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES EXISTING PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW GRATED DRAIN
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES SET- OUT
- —E— DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

CH 160 CH 170 CH 180 CH 190 CH 200 CH 210 CH 220

COLES CARPARK

SMOKE MART FFL 208.87

TNL PHYSIOTHERAPY FFL 208.87

HAMMOND CARE

Pit C/1 TG#1 Pit D/2 Pit D/1 Pit D/3 Pit E/4

REFER TO RF-0201 FOR NEXT PLAN

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

NEW FLOORWASTER PIT TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR PIT DETAILS

SERVICE TRENCH TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR DETAILS

Ø150 UPVC PIPE TO SERVICE MEDIAN

REFER TO RF-0300 FOR PLANTER BOX DETAILS

45° SPLAY TO STORMWATER PIPE

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

NEW FLOORWASTER PIT TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR PIT DETAILS

REFER TO SM-0100 DRAWING SET FOR MAIN STORMWATER

MEDIAN 2 MEDIAN 3 MEDIAN 3

Ø150 Ø150 Ø150 Ø150 Ø150 Ø150 Ø150 Ø150

Pit MED1/1 Pit MED1/1A Pit MED1/1B Pit MED1/2 Pit MED1/3 Pit MED1/4 Pit MED1/5 Pit MED1/6 Pit MED1/10A Pit MED1/11 Pit MED1/12 Pit MED1/13 Pit MED2/27

45° SPLAY TO STORMWATER PIPE

Pit E/3

CH160.00 209.85 CH165.00 209.78 CH170.00 209.73 CH175.00 209.69 CH180.00 209.63 CH185.00 209.58 CH190.00 209.52 CH195.00 209.46 CH200.00 209.41 CH210.00 209.31 CH215.00 209.28 CH220.00 209.26

Pit A/1 Pit A/2 Pit E/1 Pit E/

REFER TO RF-0203 FOR NEXT PLAN

Pit B1EA/1

TRANSCARE FFL 210.0

AMBULANCE STATION FFL 209.41

IN FINANCIAL SERVICES FFL 209.54

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
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SCONE NSW 2337
Telephone: (02) 6540 1100
Facsimile: (02) 6545 2671
Email: council@upperhunter.nsw.gov.au

KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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www.rhmce.com.au
ABN 82 153 018 800

18-130 PART 10
MEDIAN
STORMWATER PLAN
BLOCK 1 - SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- RF-0202	01

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES EXISTING PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW GRATED DRAIN
- DENOTES PROPOSED LOCATION OF NEW KERB INLET PITS. REFER TO NOTES ABOVE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- Pit 03/Ex E — DENOTES EXISTING PIT NUMBER AND EXISTING PIPE TAG
- DENOTES SET- OUT
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

CH 230 CH 240 CH 250 CH 260 CH 270 CH 280 CH 290

DEMAINE BOUTIQUE FFL 208.76

MERLS ASIAN GROCERS FFL 208.72

REGIONAL AUSTRALIA BANK FFL 208.71

AQUIS FFL 208.84

RAY WHITE ESTATE AGENTS FFL 208.9

SPORTS STORE FFL 208.85

EYECARE PLUS FFL 208.85

DOMINOES FFL 208.81

SUBWAY FFL 208.8

Pit E/5 Pit E/6 Pit E/7 Pit E/8 TG#2

REFER TO RF-0202 FOR NEXT PLAN

Pit E/3

SERVICE TRENCH TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR DETAILS

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

NEW FLOORWASTER PIT TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR PIT DETAILS

REFER TO RF-0300 FOR PLANTER BOX DETAILS

Ø150 UPVC PIPE TO SERVICE MEDIAN

MEDIAN 4

MEDIAN 5

Ø150

Pit MED2/27 Pit MED2/26 Pit MED2/25 Pit MED2/24 Pit MED2/23 Pit MED2/22 Pit MED2/21 Pit MED2/15 Pit MED2/14 Pit MED2/13 Pit MED2/12 Pit MED2/11 Pit MED2/10 Pit MED2/9 Pit MED2/8 Pit MED2/7 Pit MED2/6 Pit MED2/5 Pit MED2/4 Pit MED2/3 Pit MED2/2 Pit MED2/1

45° SPLAY TO STORMWATER PIPE

CH220.00 209.26 CH225.00 209.24 CH230.00 209.22 CH235.00 209.19 CH240.00 209.17 CH245.00 209.15 CH250.00 209.13 CH255.00 209.11 CH260.00 209.09 CH265.00 209.07 CH270.00 209.05 CH275.00 209.03 CH280.00 209.01 CH285.00 208.99 CH290.00 209.00

Pit E/2 Pit F/1 Pit F/2 Pit F/3 TG#3

Pit B1EB/2

MACQUEEN POTTER FFL 209.17

MacCALLUM INGLIS FFL 209.32

Pit B1EC/1 Pit B1ED/1

Ex Ex

REFER TO RF-0204 FOR NEXT PLAN

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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18-130 PART 10
MEDIAN
STORMWATER PLAN
BLOCK 1 - SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	JULY 23	CONS- RF-0203 01

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
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FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

CH 300 CH 310 CH 320 CH 330 CH 340 CH 350 CH 360

RHANS FFL 3.89

VACANT FFL 208.88

REJECT SHOP FFL 208.65

VINNIES FFL 208.81

POST OFFICE

Pit Ex D

Pit E/

Pit E/9 Pit E/10 Pit E/11 Pit E/12 Pit E/13 Pit E/14

Ex

Pit

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

REFER TO RF-0300 FOR PLANTER BOX DETAILS

NEW FLOORWASTER PIT TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR PIT DETAILS

SERVICE TRENCH TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR DETAILS

REFER TO SM-0100 DRAWING SET FOR MAIN STORMWATER

Pit F/6

MEDIAN 5

Ø150 Ø150 E

Pit MED3/1 Pit MED3/2 Pit MED3/3 Pit MED3/4

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 320. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 340. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

MEDIAN 5 300

MEDIAN 5 300

REFER TO RF-0203 FOR NEXT PLAN

REFER TO RF-0205 FOR NEXT PLAN

CH290.00 209.00 CH295.00 209.00 CH300.00 209.00 CH305.00 209.00 CH310.00 209.01 CH315.00 209.01 CH320.00 209.02 CH325.00 209.04 CH330.00 209.05 CH335.00 209.07 CH340.00 209.08 CH345.00 209.10 CH350.00 209.11

Pit G/2

TG#3

Pit B1ED/2 Pit F/4 Pit F/5

Pit G/1

Pit B1EE/1

Line

DUSTY DIAMONDS FFL 208.89

NATIONAL AUSTRALIA BANK FFL 209.64

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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18-130 PART 10
MEDIAN STORMWATER PLAN
BLOCK 1 - SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0204	02

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
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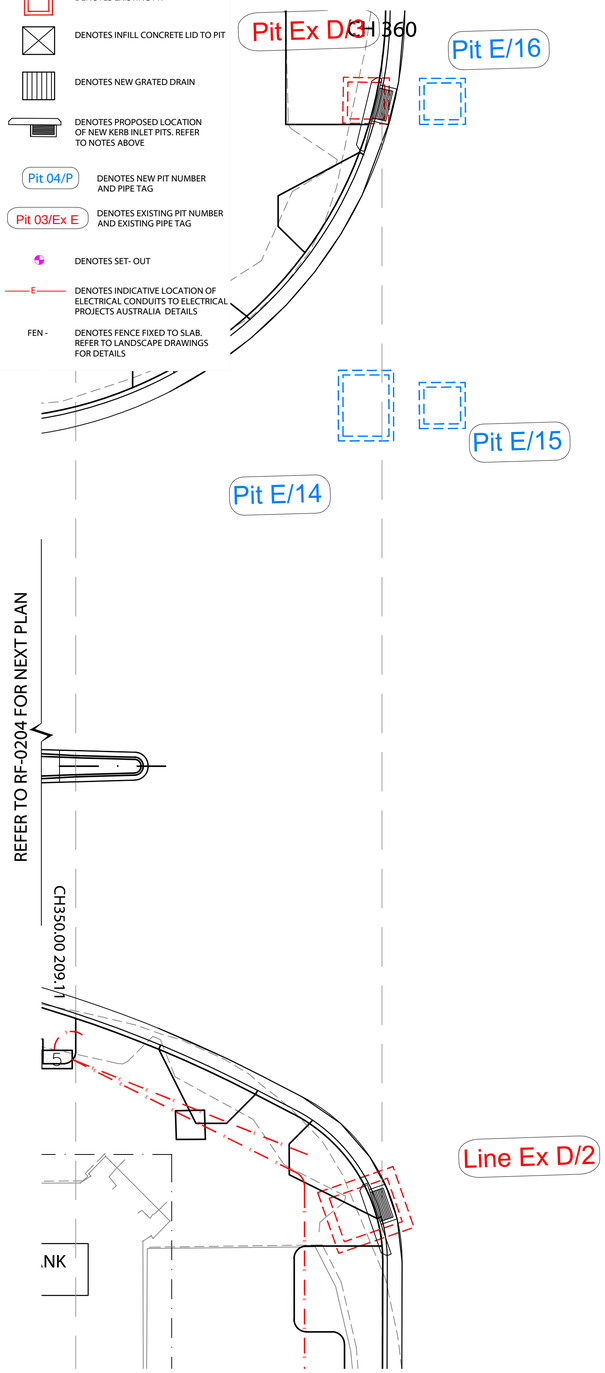
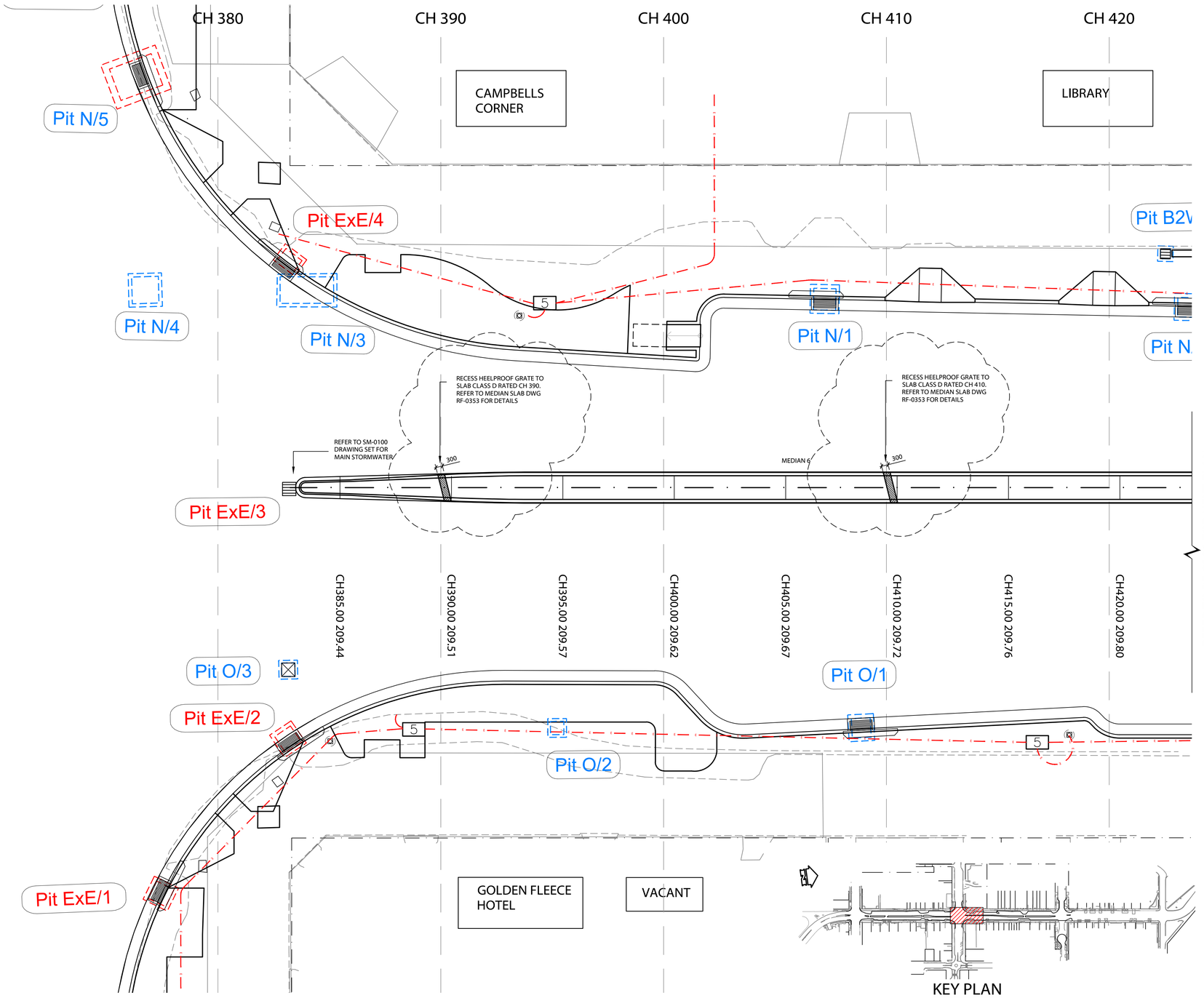
FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN





REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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ABN 82 153 018 800

18-130 PART 10
MEDIAN
STORMWATER PLAN
BLOCK 2 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0205	02

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES EXISTING PIT
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FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

CH 430 | CH 440 | CH 450 | CH 460 | CH 470 | CH 480 | CH 490

GENERAL SURF CO. FFL 209.6

NEWSAGENT FFL 209.61

RUBY'S GIRL FFL 209.6

LAUREN ST. CLAIR FFL 209.68

MELANIE'S FFL 209.92

FARRAMS FFL 209.94

SCONE CHEMIST FFL 210.09

Pit B2WC/1

Pit B2WA/1

Pit P/6

Pit N/O

Pit B2WA/2

Pit P/7

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 430. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 450. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

SERVICE TRENCH TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR DETAILS

REFER TO RF-0300 FOR PLANTER BOX DETAILS

MEDIAN 6

300

Ø150

REFER TO RF-0205 FOR NEXT PLAN

REFER TO RF-0207 FOR NEXT PLAN

CH420.00 209.80 | CH425.00 209.84 | CH430.00 209.88 | CH435.00 209.91 | CH440.00 209.95 | CH445.00 210.00 | CH450.00 210.05 | CH455.00 210.12 | CH460.00 210.19 | CH465.00 210.25 | CH470.00 210.31 | CH475.00 210.37 | CH480.00 210.44 | CH485.00 210.50 | CH490.00 210.57

Pit MED4/1 | Pit MED4/2 | Pit MED4/3 | Pit MED4/4 | Pit MED4/5

Pit Q/2

Pit Q/1

RAY WHITE FFL 210.11

SCONE LEGAL FFL 210.16

VACANT FFL 210.25

SCONE SPARE PARTS FFL210.37

PARADISE AMANDA FFL 210.68

VACANT FFL 210.69

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

UPPER HUNTER SHIRE COUNCIL
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KELLY STREET REVITALISATION PROJECT SCONE NSW 2337

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ABN 82 153 018 800

18-130 PART 10 MEDIAN STORMWATER PLAN BLOCK 2 - SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0206	02

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES EXISTING PIT
- DENOTES INFILL CONCRETE LID TO PIT
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FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

CH 490 | CH 500 | CH 510 | CH 520 | CH 530 | CH 540 | CH 550

SCONE CHEMIST FFL 210.09

CONNAUGHT CHINESE RESTAURANT FFL 210.35

VACANT FFL 210.4

WARBURTON REAL ESTATE FFL 210.7

WARBURTON REAL ESTATE FFL 210.71

RHM CONSULTING ENGINEERS FFL 210.66

CAFE ON KELLY FFL 210.9

133 KELLY ST FFL 210.89

GREEN SEED GROCER FFL 211.15

TG#4

Pit P/5 | Pit P/4 | Pit P/3

REFER TO RF-0206 FOR NEXT PLAN

REFER TO RF-0300 FOR PLANTER BOX DETAILS

SERVICE TRENCH TO MEDIAN. REFER TO RF-0300 DRAWING SET FOR DETAILS

REFER TO SM-0100 DRAWING SET FOR MAIN STORMWATER

Pit R/4

LIGHTING TO BE CLEAR OF TRANSVERSE STORMWATER PIT. LOCATION TO BE CONFIRMED BY ELECTRICAL PROJECTS AUSTRALIA

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

APPROXIMATE LOCATION OF PROPOSED LIGHTING TO MEDIAN TO ELECTRICAL PROJECTS AUSTRALIA

MEDIAN 6 | MEDIAN 6 | MEDIAN 7 | MEDIAN 7

Ø150

Pit MED4/1 | Pit MED4/2 | Pit MED4/3 | Pit MED4/4 | Pit MED4/5 | Pit MED4/6 | Pit MED4/7 | Pit MED4/8 | Pit MED4/9 | Pit MED4/10 | Pit MED4/11 | Pit MED4/12 | Pit MED5/17 | Pit MED5/16 | Pit MED5/15 | Pit MED5/14 | Pit MED5/13 | Pit MED5/12 | Pit MED5/11 | Pit MED5/10 | Pit MED5/9 | Pit MED5/8

CH480.00 210.44 | CH485.00 210.50 | CH490.00 210.57 | CH495.00 210.63 | CH500.00 210.69 | CH505.00 210.76 | CH510.00 210.82 | CH520.00 210.95 | CH525.00 211.02 | CH530.00 211.08 | CH535.00 211.15 | CH540.00 211.21 | CH545.00 211.27 | CH550.00 211.33

Pit R/1 | Pit R/2 | Pit B2EB/2 | Pit T/8 | Pit T/7

TG#5

Pit Ex F/5 | Pit Ex F/4 | Pit Ex F/3 | Pit Ex F/2

Pit B2EA/1 | Pit B2EB/1

PARADISE AMANDA FFL 210.68

VACANT FFL 210.69

THE HUNTER GOURMET FFL 210.79

HAIR SALON LOCKS FFL 210.68

CIVIC THEATRE FFL 211.4

REFER TO RF-0208 FOR NEXT PLAN

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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18-130 PART 10
MEDIAN
STORMWATER PLAN
BLOCK 2 - SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- RF-0207	01

A1 SHEET

LEGEND

- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
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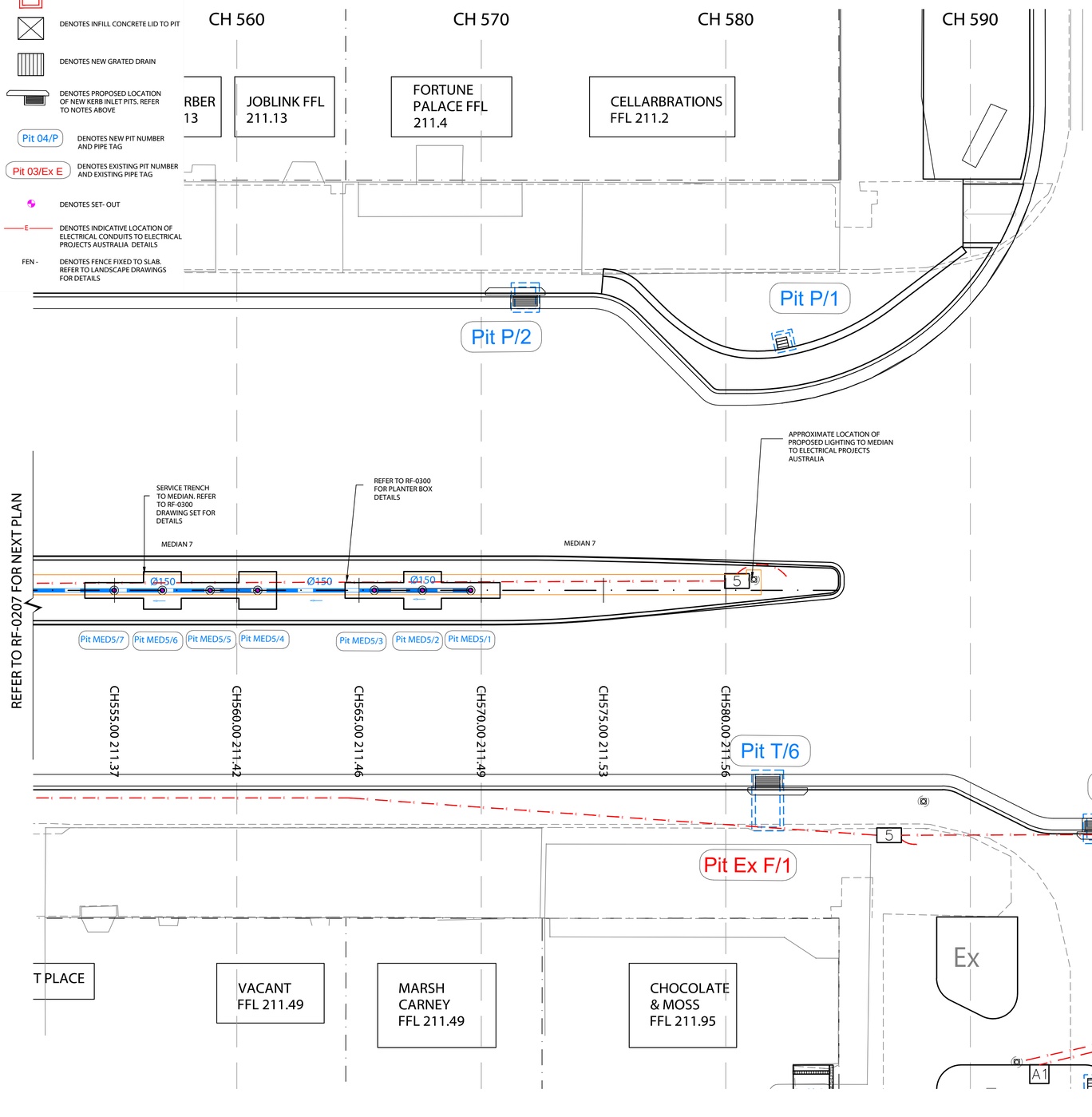
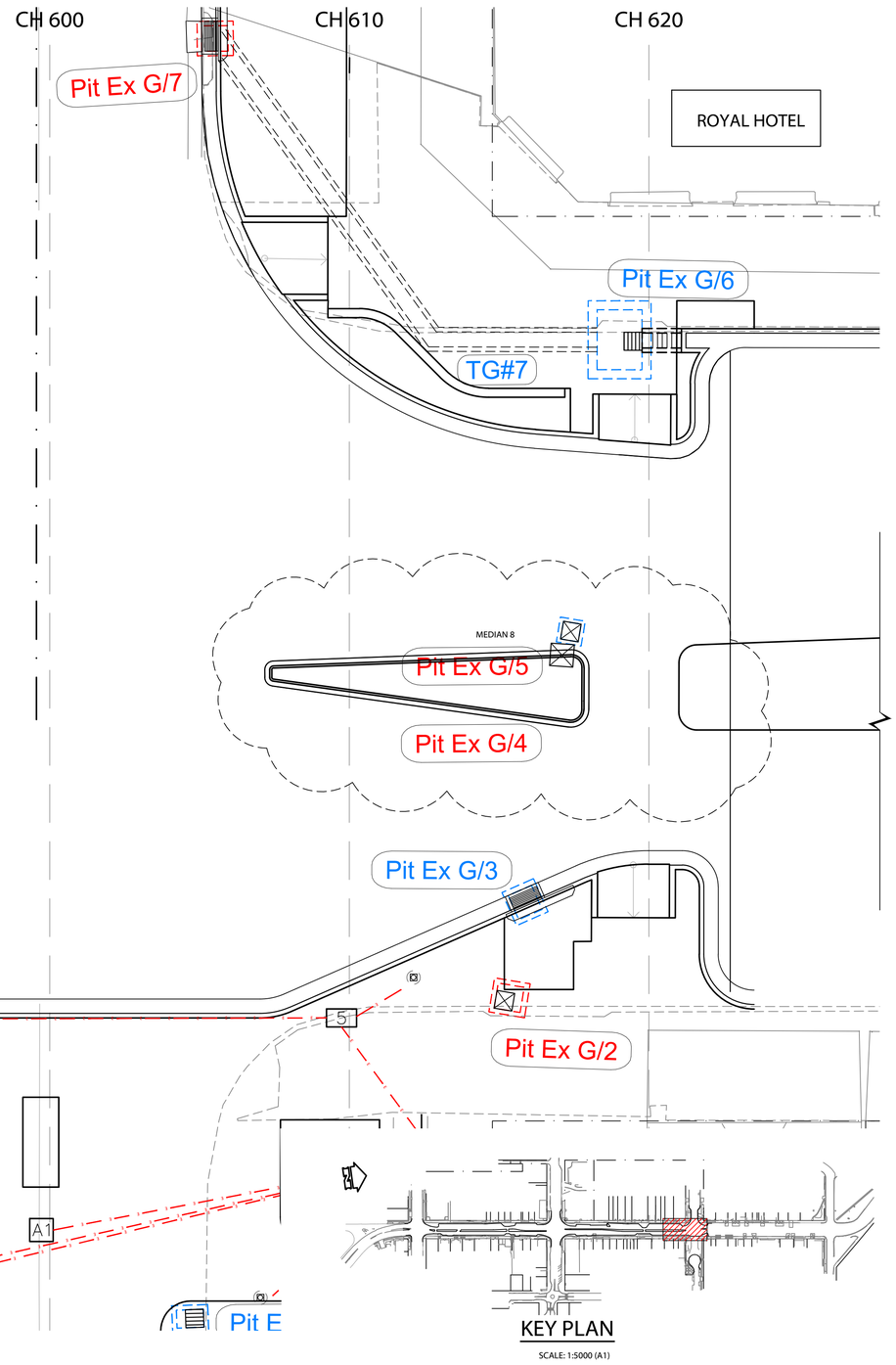
JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN





REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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ABN 82 153 018 800

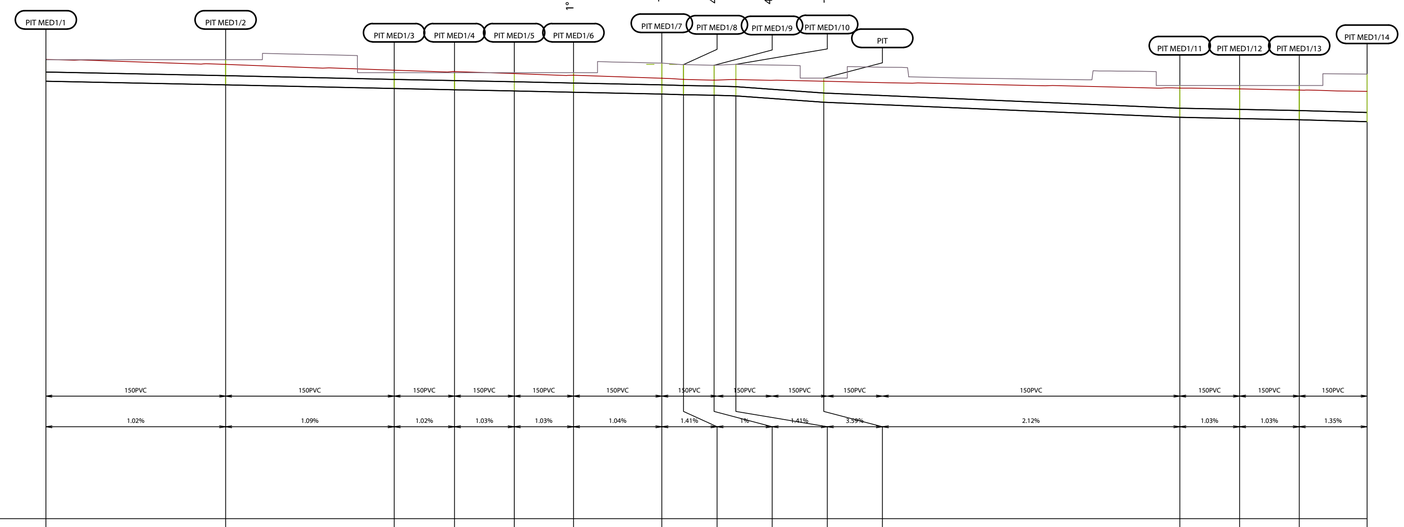
18-130 PART 10 MEDIAN STORMWATER PLAN BLOCK 2 - SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

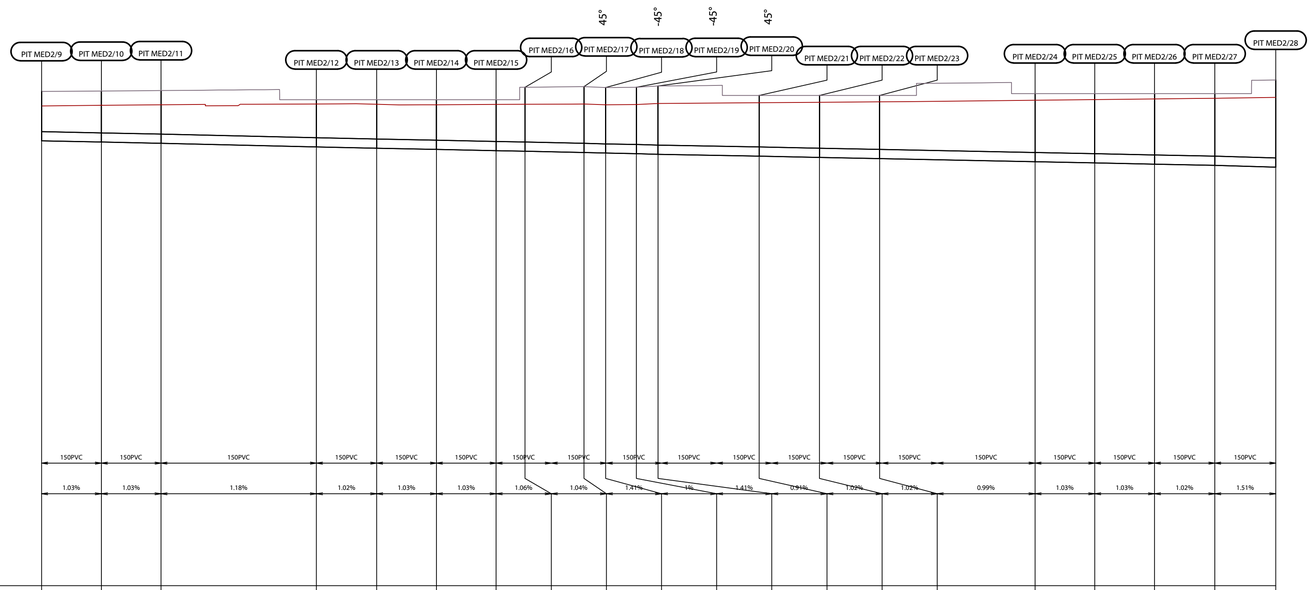
Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director — Date
Datum	NIL	Drawing No: CONS- RF-0208 02 — Rev
Date	OCT 23	

A1 SHEET


PIT MED1/1
PIT MED1/2
PIT MED1/3
PIT MED1/4
PIT MED1/5
PIT MED1/6
PIT MED1/7
PIT MED1/8
PIT MED1/9
PIT MED1/10
PIT
PIT MED1/11
PIT MED1/12
PIT MED1/13
PIT MED1/14
1°
-45°
45°
45°
-45°

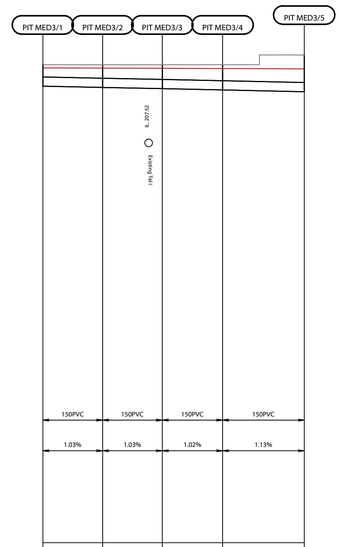
| | | |

A1 SHEET



PIPE SIZE (mm) & TYPE		150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	
PIPE GRADE		1.03%	1.03%	1.18%	1.02%	1.03%	1.03%	1.06%	1.04%	1.41%	1%	1.41%	0.91%	1.02%	1.02%	0.99%	1.03%	1.03%	1.02%	1.51%											
DATUM R.L	201.00																														
DEPTH TO PIPE INVERT		0.81	0.83	0.86		0.77	0.79	0.81	0.83	1.04	1.07	1.07	1.08	1.11	0.99	1.01	1.03		1.11	1.13	1.15	1.17	1.42								
DESIGN INVERT LEVEL	208.26	208.26	208.24	208.22	208.16	208.16	208.14	208.12	208.1	208.09	208.07	208.06	208.05	208.04	208.01	207.99	207.97	207.92	207.92	207.9	207.88	207.86	207.83	207.83							
DESIGN SURFACE LEVEL		209.07	209.07	209.08	208.93	208.93	208.93	208.93	209.13	209.14	209.13	209.13	209.15	209	209	209	209	209.03	209.03	209.03	209.03	209.25									
EXISTING SURFACE LEVEL		208.83	208.84	208.85	208.86	208.86	208.85	208.85	208.86	208.86	208.85	208.85	208.87	208.88	208.89	208.9	208.92	208.93	208.94	208.95	208.97										
CHAINAGE ALONG PIPE CENTRELINE		21.88	23.83	25.78	30.85	32.82	34.77	36.72	37.66	39.59	40.3	41.3	42	45.31	47.27	49.24	54.31	56.26	58.21	60.18	62.17										

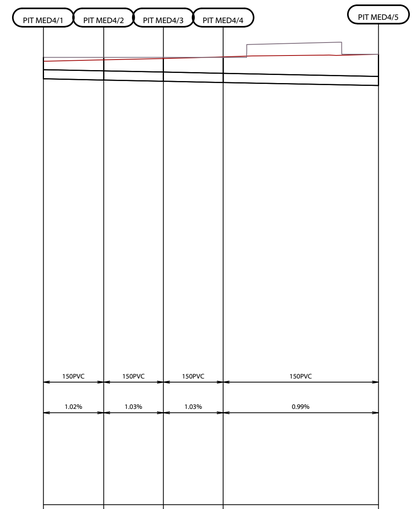
STORMWATER LONGSECTION - LINE MED2



201.00

PIPE SIZE (mm) & TYPE		150PVC	150PVC	150PVC	150PVC
PIPE GRADE		1.03%	1.03%	1.02%	1.13%
DEPTH TO PIPE INVERT		0.35	0.37	0.39	0.41
DESIGN INVERT LEVEL	208.45	208.43	208.41	208.39	208.36
DESIGN SURFACE LEVEL		208.8	208.8	208.8	208.8
EXISTING SURFACE LEVEL		208.75	208.75	208.74	208.74
CHAINAGE ALONG PIPE CENTRELINE		0	1.95	3.9	5.87

STORMWATER LONGSECTION - LINE MED3



203.00

PIPE SIZE (mm) & TYPE		150PVC	150PVC	150PVC	150PVC
PIPE GRADE		1.02%	1.03%	1.03%	0.99%
DEPTH TO PIPE INVERT		0.35	0.37	0.39	0.41
DESIGN INVERT LEVEL	209.95	209.93	209.91	209.89	209.84
DESIGN SURFACE LEVEL		210.3	210.3	210.3	210.3
EXISTING SURFACE LEVEL		210.24	210.26	210.28	210.31
CHAINAGE ALONG PIPE CENTRELINE		0	1.97	3.92	5.87

STORMWATER LONGSECTION - LINE MED4

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

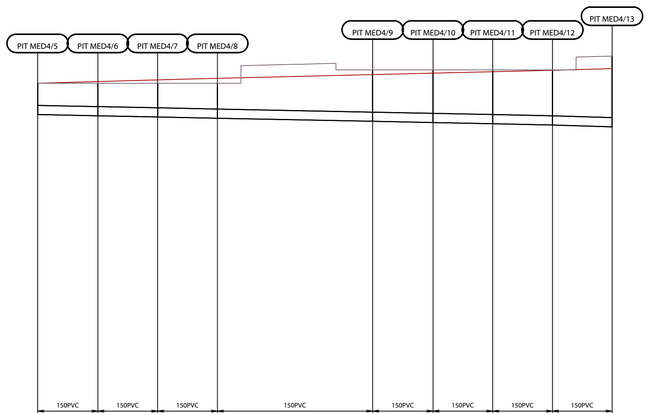
18-130 PART 10
MEDIAN
STORMWATER PLAN
LONG SECTIONS SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

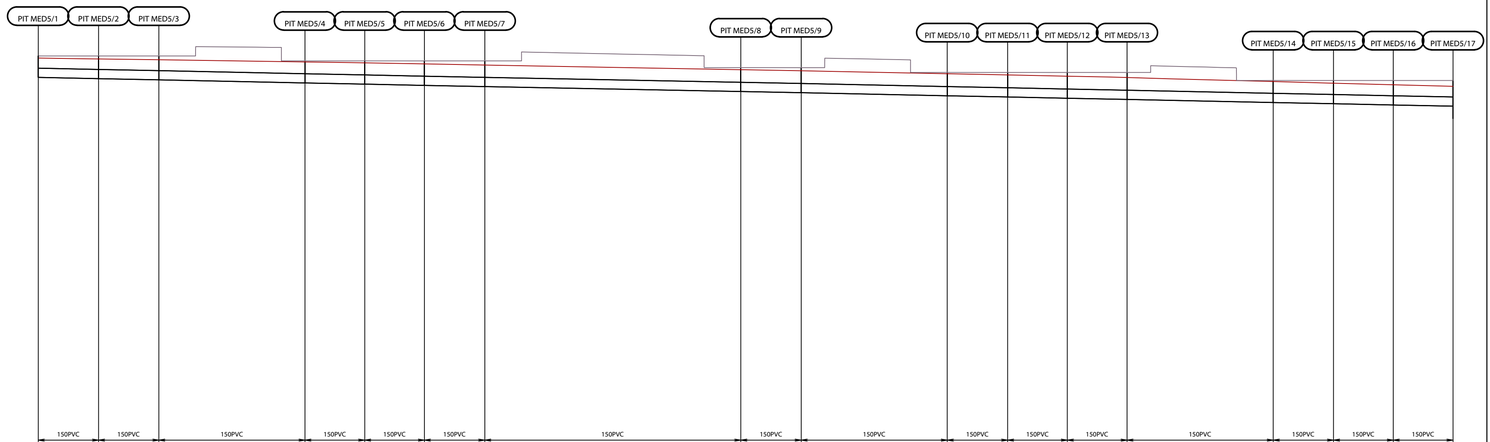
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- RF-0252	01

A1 SHEET



PIPE SIZE (mm) & TYPE	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	
PIPE GRADE	1.02%	1.03%	1.03%	0.99%	1.02%	1.03%	1.03%	1.54%	
DATUM R.L 203.00									
DEPTH TO PIPE INVERT	0.51	0.53	0.55	0.57	0.84	0.86	0.88	0.9	1.15
DESIGN INVERT LEVEL	209.84	209.82	209.8	209.78	209.73	209.71	209.69	209.67	209.64
DESIGN SURFACE LEVEL	210.35	210.35	210.35	210.35	210.57	210.57	210.57	210.57	210.79
EXISTING SURFACE LEVEL	210.35	210.38	210.41	210.43	210.49	210.52	210.54	210.56	210.59
CHAINAGE ALONG PIPE CENTRELINE	10.94	12.91	14.86	16.81	21.88	23.85	25.8	27.75	29.69

STORMWATER LONGSECTION - LINE MED4



PIPE SIZE (mm) & TYPE	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC	150PVC
PIPE GRADE	1.02%	1.02%	1.05%	1.03%	1.03%	1.02%	0.96%	1.02%	1.05%	1.02%	1.03%	1.03%	1.05%	1.02%	1.03%	1.03%
203.00																
DEPTH TO PIPE INVERT	0.35	0.37	0.39	0.36	0.38	0.4	0.42	0.39	0.41	0.38	0.4	0.42	0.44	0.36	0.38	0.4	0.42
DESIGN INVERT LEVEL	210.92	210.9	210.88	210.83	210.81	210.79	210.77	210.69	210.67	210.62	210.6	210.58	210.56	210.51	210.49	210.47	210.45
DESIGN SURFACE LEVEL	211.27	211.27	211.27	211.19	211.19	211.19	211.19	211.08	211.08	211	211	211	211	210.87	210.87	210.87	210.87
EXISTING SURFACE LEVEL	211.24	211.22	211.21	211.17	211.16	211.14	211.12	211.05	211.03	210.98	210.96	210.94	210.92	210.85	210.83	210.8	210.77
CHAINAGE ALONG PIPE CENTRELINE	0	1.97	3.94	8.71	10.66	12.61	14.58	22.94	24.91	29.68	31.65	33.6	35.55	40.32	42.29	44.24	46.19

STORMWATER LONGSECTION - LINE MED5

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

UPPER HUNTER SHIRE COUNCIL
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SCONE NSW 2337

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ABN 82 153 018 800

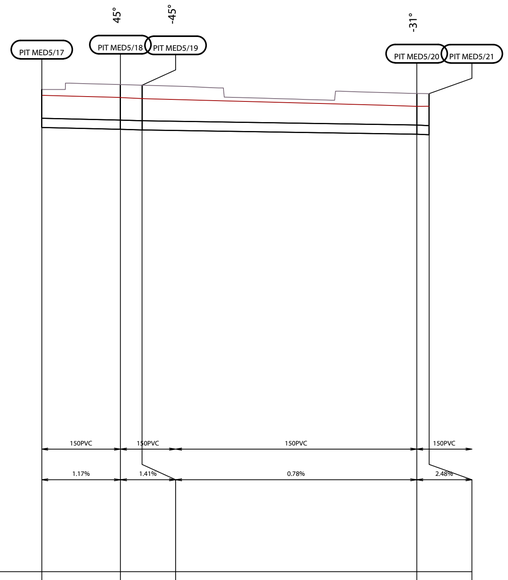
18-130 PART 10
MEDIAN
STORMWATER PLAN
LONG SECTIONS SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- RF-0253	01

A1 SHEET



PIPE SIZE (mm) & TYPE		150PVC		150PVC		150PVC	150PVC	
PIPE GRADE		1.17%		1.41%		0.78%	2.48%	
DATUM R.L	203.00							
DEPTH TO PIPE INVERT	0.42	0.62		0.73	0.73		0.66	0.67
DESIGN INVERT LEVEL	210.45	210.25	210.22	210.22	210.21	210.21	210.14	210.14	210.13	210.13
DESIGN SURFACE LEVEL		210.87		210.95	210.94		210.8	210.8
EXISTING SURFACE LEVEL		210.77		210.74	210.72		210.59	210.6
CHAINAGE ALONG PIPE CENTRELINE		46.19		48.76	49.46		58.43	58.83

STORMWATER LONGSECTION - LINE MED5

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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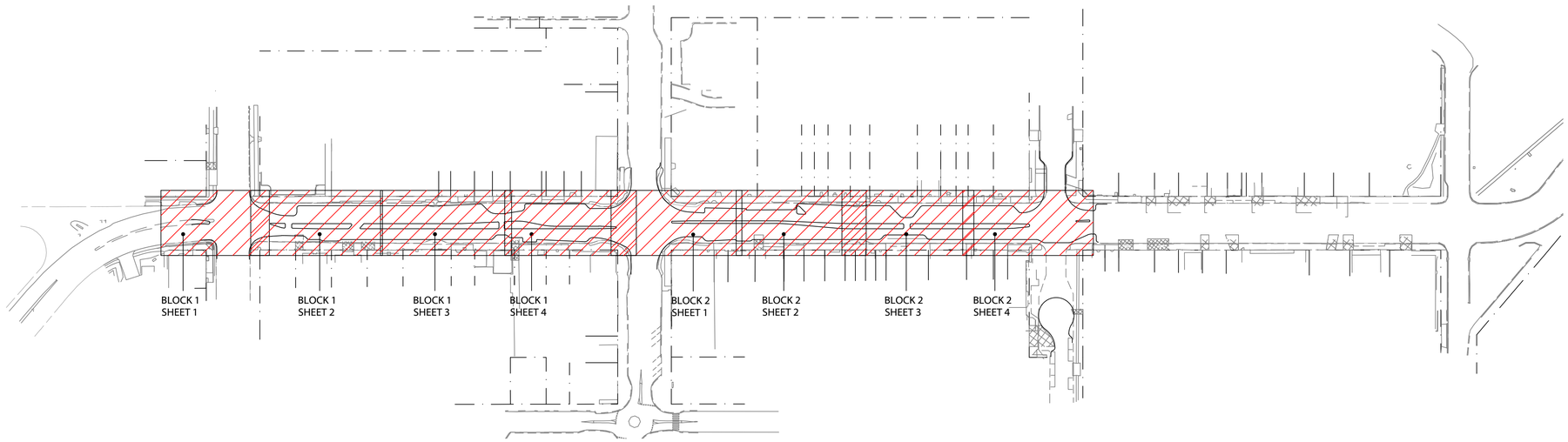
18-130 PART 10
MEDIAN
STORMWATER PLAN
LONG SECTIONS SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- RF-0254	01

A1 SHEET



KEY PLAN - OVERALL SHEET ARRANGEMENT

SCALE: 1:1500 (A1)

PROPOSED LIGHTING INDICATIVE
FINAL DESIGN AS PER ELECTRICAL
PROJECTS AUSTRALIA

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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PROJECT
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ABN 82 153 018 800

18-130 PART 10
MEDIAN
SLAB PLAN
OVERALL PLAN

Scale
Horizontal:
0 0.5 1.0 1.5 2.0 2.5
SCALE: 1:1500 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA		
Datum	NIL	Project Engineer/Director	Date
Date	OCT 23	Drawing No: CONS- RF-0300	Rev 02

A1 SHEET

LEGEND

- B17 — TRANSVERSE JOINT (SAWCUT JOINT AT APPROX 3500mm CTS). REFER TO TFNSW DETAILS
- B15 — DOWELED EXPANSION JOINT. APPROX 17.5m CTS. REFER TO TFNSW DETAIL
- (SF) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- (SM) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW FLOORWASTE TO PLANTER REBATE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

DOWEL NEW MEDIAN INTO EXISTING CONCRETE BASE AS PER TfNSW DETAIL K4

CH 110 CH 120 CH 130 CH 140 CH 150 CH 160 CH 170

COLES CARPARK

BAK
TOR
LIP LINE

EXTENT OF CONCRETE TO PAVEMENT

EXISTING KERB TO REMAIN

DOWELL NEW MEDIAN INTO EXISTING.

'SF' TYPE KERB TO MEDIAN REFER TO TFNSW DETAIL K4

DOWEL KERB TO CONCRETE PAVEMENT AS PER DOWEL DETAIL K4

MEDIAN 1

B15

240

SEALED ABLEFLEX AT SLAB TO KERB INTERFACE

SAWCUT CONCRETE AT INTERFACE

N12 DOWELS AT 400CTS INTO EXISTING SLAB. N12 DOWEL TO KERB. DOWEL LENGTH 400mm

150mm THICK (MIN) CONCRETE WITH SL92 MESH TOP. FALL CONCRETE TO PAVEMENT

'SM' TYPE KERB TO MEDIAN.

PROPOSED STREET LIGHTING

SERVICE TRENCH FOR STORMWATER AND ELECTRICAL TO MEDIAN

MEDIAN 2

MEDIAN 3

B17

(SM)

R300

R600

820

1540

FEN

150mm THICK (MIN) CONCRETE WITH SL92 MESH TOP. FALL CONCRETE TO PAVEMENT

Pit MED1/1

Pit M

Ø150 UPVC FLOOR WASTE TO PLANTER RECESS. REFER TO DRAWING SET RF-0200 FOR DETAILS

CH160.00 209.85

CH165.00 209.78

CH170.00 209.73

CH175.00 209.69

REFER TO RF-0302 FOR NEXT PLAN

EXTENT OF CONCRETE TO PAVEMENT

THOROUGHBRED HOTEL

KEY PLAN
SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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ABN 82 153 018 800

18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 1 - SHEET 1

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE: 1:50 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	JULY 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- RF-0301 Rev 02

A1 SHEET

LEGEND

- B17 — TRANSVERSE JOINT (SAWCUT JOINT AT APPROX 3500mm CTS). REFER TO TFNSW DETAILS
- B15 — DOWELED EXPANSION JOINT. APPROX 17.5m CTS. REFER TO TFNSW DETAIL
- (SF) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- (SM) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW FLOORWASTE TO PLANTER REBATE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

DOWEL NEW MEDIAN INTO EXISTING CONCRETE BASE AS PER TfNSW DETAIL K4

CH 160 CH 170 CH 180 CH 190 CH 200 CH 210 CH 22

COLES CARPARK

SMOKE MART FFL 208.87

TNL PHYSIOTHERAPY FFL 208.87

HAMMOND CARE

REFER TO RF-0301 FOR NEXT PLAN

'SM' TYPE KERB TO MEDIAN.

PROPOSED STREET LIGHTING

SERVICE TRENCH FOR STORMWATER AND ELECTRICAL TO MEDIAN

MEDIAN 2

MEDIAN 3 BOX 1 RL: 209.49

REBATE FOR PLANTER BOXES

'SM' TYPE KERB TO MEDIAN

MEDIAN 3 BOX 2 RL: 209.28

MEDIAN 3

SEALED ABLEFLEX TO SLAB KERB INTO FACE (TYP)

MEDIAN 3 BOX 3 RL: 209.19

SERVICE TRENCH TO BE CUT THROUGH PAVEMENT. REFER TO DWG RF-0352.

MEDIAN 4 BOX 1 RL: 209.07

'SM' TYPE KERB TO MEDIAN

MEDIAN 4

NEW PIT TO ME... TRANSVERSE. R... STORMWATER ... DRAWING SET A... STORMWATER R... DETAILS

R300 R600 820 2360 1540 2400 180 (SM) (B17) FEN

150mm THICK (MIN) CONCRETE WITH SL92 MESH TOP. FALL CONCRETE TO PAVEMENT

Ø150 UPVC FLOOR WASTE TO PLANTER RECESS. REFER TO DRAWING SET RF-0200 FOR DETAILS

ELECTRICAL CONDUITS TO CENTRAL MEDIAN

REBATE FFL 127

LEAN MIX TO MEDIAN

DOWEL MODIFIED SM KERB TO CONCRETE WITH J3/J4-N12@500CTS. REFER TO TFNSW DETAIL K4 (TYP)

CONCRETE TO MEDIAN 120mm MIN JOINTED AS SHOWN SL82 MESH TOP

SERVICE TRENCH UNDER MEDIAN (820mm WIDE)

EMERGENCY THROUGH BAY FOR AMBULANCE

LEAN MIX TO MEDIAN

DISCHARGE Ø150 UPVC INTO PIT

Pit MED1/1 Pit MED1/1A Pit MED1/1B Pit MED1/2 Pit MED1/3 Pit MED1/4 Pit MED1/5 Pit MED1/6 Pit MED1/10A Pit MED1/11 Pit MED1/12 Pit MED1/13

CH160.00 209.85 CH165.00 209.78 CH170.00 209.73 CH175.00 209.69 CH180.00 209.63 CH185.00 209.58 CH190.00 209.52 CH195.00 209.46 CH200.00 209.41 CH210.00 209.31 CH215.00 209.28 CH220.00 209.26

REFER TO RF-0303 FOR NEXT PLAN

TRANSCARE FFL 210.0

AMBULANCE STATION FFL 209.41

IN FINANCIAL SERVICES FFL 209.54

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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www.rhmce.com.au
ABN 82 153 018 800

18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 1 - SHEET 2

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE: 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: CONS- RF-0302 02
Date	AUG 23	Rev

A1 SHEET

LEGEND

- B17 — TRANSVERSE JOINT (SAWCUT JOINT AT APPROX 3500mm CTS). REFER TO TFNSW DETAILS
- B15 — DOWELED EXPANSION JOINT. APPROX 17.5m CTS. REFER TO TFNSW DETAIL
- (SF) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- (SM) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW FLOORWASTE TO PLANTER REBATE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

DOWEL NEW MEDIAN INTO EXISTING CONCRETE BASE AS PER TfNSW DETAIL K4

CH 230 CH 240 CH 250 CH 260 CH 270 CH 280 CH 290

DEMAINE BOUTIQUE FFL 208.76

MERLS ASIAN GROCERS FFL 208.72

REGIONAL AUSTRALIA BANK FFL 208.71

AQUIS FFL 208.84

RAY WHITE ESTATE AGENTS FFL 208.9

SPORTS STORE FFL 208.85

EYECARE PLUS FFL 208.85

DOMINOES FFL 208.81

SUBWAY FFL 208.8

W PIT TO MEDIAN TO PICK UP NSVERSE. REFER TO RMWATER SM-0100 AWING SET AND MEDIAN RMWATER RF-0200 FOR TAILS

MEDIAN 4 BOX 2 RL: 209.03

SEALED ABLEFLEX TO SLAB KERB INTO FACE (TYP)

MEDIAN 4 BOX 3 RL: 209.00

'SM' TYPE KERB TO MEDIAN

PROPOSED STREET LIGHTING

MEDIAN 4

MEDIAN 4 BOX 4 RL: 208.93

REMOVE EXISTING KERB & MEDIAN

MEDIAN 4 BOX 5 RL: 208.90

MEDIAN 4 BOX 6 RL: 208.88

'SM' TYPE KERB TO MEDIAN

MEDIAN 4 BOX 7 RL: 208.85

SERVICE TRENCH TO BE CUT THROUGH PAVEMENT. REFER TO DWG RF-0352.

PROPOSED STREET LIGHTING

MEDIAN 5

2400 1540 2360 1540 (B17 B17 B15) (SM) 180 820 FEN

Pit MED2/27 Pit MED2/26 Pit MED2/25 Pit MED2/24 Pit MED2/23 Pit MED2/22 Pit MED2/21 Pit MED2/15 Pit MED2/14 Pit MED2/13 Pit MED2/12 Pit MED2/11 Pit MED2/10 Pit MED2/9 Pit MED2/8 Pit MED2/7 Pit MED2/6 Pit MED2/5 Pit MED2/4 Pit MED2/3 Pit MED2/2 Pit MED2/1

SERVICE TRENCH UNDER MEDIAN (820mm WIDE)

VARIABLE REBATE FOR PLANTER BOXERS

LEAN MIX TO MEDIAN

Ø150 UPVC FLOOR WASTE TO PLANTER RECESS. REFER TO DRAWING SET RF-0200 FOR DETAILS

CONCRETE TO MEDIAN 120mm MIN JOINTED AS SHOWN SL82 MESH TOP

SERVICE TRENCH UNDER MEDIAN (820mm WIDE)

VARIABLE REBATE FOR PLANTER BOXERS

DOWEL MODIFIED SM KERB TO CONCRETE WITH J3/J4-N12@500CTS. REFER TO TFNSW DETAIL K4 (TYP)

LEAN MIX TO MEDIAN

REBATE FOR PLANTER BOXES

VARIABLE REBATE FOR PLANTER BOXERS

PROPOSED STREET LIGHTING

SERVICE TRENCH UNDER MEDIAN (820mm WIDE)

LEAN MEDIA

R600

CH220.00 209.26 CH225.00 209.24 CH230.00 209.21 CH235.00 209.19 CH240.00 209.17 CH245.00 209.15 CH250.00 209.13 CH255.00 209.11 CH260.00 209.09 CH265.00 209.07 CH270.00 209.05 CH275.00 209.03 CH280.00 209.01 CH285.00 208.99 CH290.00 209.00

REFER TO RF-0302 FOR NEXT PLAN

REFER TO RF-0304 FOR NEXT PLAN

MACQUEEN POTTER FFL 209.17

MacCALLUM INGLIS FFL 209.32

Ex

Ex

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
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SCONE NSW 2337
Telephone: (02) 6540 1100
Facsimile: (02) 6545 2671
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KELLY STREET REVITALISATION PROJECT SCONE NSW 2337

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www.rhmce.com.au
ABN 82 153 018 800

18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 1 - SHEET 3

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE: 1:50 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: CONS- RF-0303 Rev 02
Date	AUG 23	

A1 SHEET

LEGEND

- B17 — TRANSVERSE JOINT (SAWCUT JOINT AT APPROX 3500mm CTS). REFER TO TFNSW DETAILS
- B15 — DOWELED EXPANSION JOINT. APPROX 17.5m CTS. REFER TO TFNSW DETAIL
- (SF) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- (SM) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW FLOORWASTE TO PLANTER REBATE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

DOWEL NEW MEDIAN INTO EXISTING CONCRETE BASE AS PER TfNSW DETAIL K4

CH 300 CH 310 CH 320 CH 330 CH 340 CH 350 CH 360

RHANS FFL 3.89

VACANT FFL 208.88

REJECT SHOP FFL 208.65

VINNIES FFL 208.81

POST OFFICE

Ex

REFER TO RF-0303 FOR NEXT PLAN

PROPOSED STREET LIGHTING

SEALED ABLEFLEX TO SLAB KERB INTO FACE (TYP)

MEDIAN 5 BOX 1 RL: 208.80

'SM' TYPE KERB TO MEDIAN

1540 2360 1540 2400

MEDIAN 5

NEW PIT TO MEDIAN TO PICK UP TRANSVERSE. REFER TO STORMWATER SM-0100 DRAWING SET AND MEDIAN STORMWATER RF-0200 FOR DETAILS

CENTRAL FENCE TO MEDIAN. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 320. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

CENTRAL FENCE TO MEDIAN. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

TAPER FENCE FROM 1200mm TO 900mm TO INCREASE SIGHT DISTANCES

'SM' TYPE KERB TO MEDIAN

5000 TRANSIONT FROM SF KERB TO SM KERB

3000 SF KERB

1000 TO LINEMARKING

KERB TRANSITION

KERB TRANSITION

FEN

(SM) (SF)

Pit MED3/1 Pit MED3/2 Pit MED3/3 Pit MED3/4

SERVICE TRENCH UNDER MEDIAN (820mm WIDE)

LEAN MIX TO MEDIAN

VARIABLE REBATE FOR PLANTER BOXERS

DISCHARGE Ø150 MAIN INTO NEW STORMWATER PIT

DOWEL MODIFIED SM KERB TO CONCRETE WITH J3/J4-N12@500CTS. REFER TO TFNSW DETAIL K4 (TYP)

CONCRETE TO MEDIAN 120mm MIN. JOINTED AS SHOWN SL82 MESH TOP

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 340. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

CH290.00 209.00 CH295.00 209.00 CH300.00 209.00 CH305.00 209.00 CH310.00 209.01 CH315.00 209.01 CH320.00 209.02 CH325.00 209.04 CH330.00 209.05 CH335.00 209.07 CH340.00 209.09 CH345.00 209.10 CH350.00 209.11

REFER TO RF-0305 FOR NEXT PLAN

DUSTY DIAMONDS FFL 208.89

NATIONAL AUSTRALIA BANK FFL 209.64

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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KELLY STREET REVITALISATION PROJECT SCONE NSW 2337

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ABN 82 153 018 800

18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 1 - SHEET 4

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE: 1:500 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	AUG 23	CONS- RF-0304	02

A1 SHEET

LEGEND

- B17 — TRANSVERSE JOINT (SAWCUT JOINT AT APPROX 3500mm CTS). REFER TO TFNSW DETAILS
- B15 — DOWELED EXPANSION JOINT. APPROX 17.5m CTS. REFER TO TFNSW DETAIL
- (SF) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- (SM) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW FLOORWASTE TO PLANTER REBATE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

DOWEL NEW MEDIAN INTO EXISTING CONCRETE BASE AS PER TfNSW DETAIL K4

CH 360 CH 380 CH 390 CH 400 CH 410 CH 420

EXTENT OF CONCRETE TO PAVEMENT

CAMPBELLS CORNER

LIBRARY

1000 TO LINEMARKING | 3000 SF KERB | 5000 TRANSIONT FROM SF KERB TO SM KERB | 'SM' TYPE KERB TO MEDIAN | CENTRAL FENCE TO MEDIAN. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 410. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

KERB TRANSITION | MEDIAN 6 | FEN | 180 | 1000

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 390. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

DOWEL MODIFIED SM KERB TO CONCRETE WITH J3/J4-N12@500CTS. REFER TO TFNSW DETAIL K4 (TYP)

REFER TO RF-0304 FOR NEXT PLAN

TANCES | 3000 SF KERB | 1000 TO LINEMARKING | R450

REFER TO RF-0306 FOR NEXT PLAN

CH385.00 209.44 | CH390.00 209.51 | CH395.00 209.57 | CH400.00 209.62 | CH405.00 209.67 | CH410.00 209.72 | CH415.00 209.76 | CH420.00 209.80

CH350.00 209.11

.NK

EXTENT OF CONCRETE TO PAVEMENT

GOLDEN FLEECE HOTEL

VACANT

KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
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ABN 82 153 018 800

18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 2 - SHEET 1

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE: 1:500 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	AUG 23	CONS- RF-0305 02

A1 SHEET

LEGEND

- B17 — TRANSVERSE JOINT (SAWCUT JOINT AT APPROX 3500mm CTS). REFER TO TFNSW DETAILS
- B15 — DOWELED EXPANSION JOINT. APPROX 17.5m CTS. REFER TO TFNSW DETAIL
- (SF) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- (SM) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW FLOORWASTE TO PLANTER REBATE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

DOWEL NEW MEDIAN INTO EXISTING CONCRETE BASE AS PER TfNSW DETAIL K4

CH 430 | CH 440 | CH 450 | CH 460 | CH 470 | CH 480 | CH 490

GENERAL SURF CO. FFL 209.6

NEWSAGENT FFL 209.61

RUBY'S GIRL FFL 209.6

LAUREN ST. CLAIR FFL 209.68

MELANIE'S FFL 209.92

FARRAMS FFL 209.94

SCONE CHEMIST FFL 210.09

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 430. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

SM TYPE KERB TO MEDIAN

CENTRAL FENCE TO MEDIAN. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

RECESS HEELPROOF GRATE TO SLAB CLASS D RATED CH 450. REFER TO MEDIAN SLAB DWG RF-0353 FOR DETAILS

CENTRAL FENCE TO MEDIAN. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

MEDIAN 6 BOX 1 RL: 210.30

MEDIAN 6 — (SM) — FEN

CONCRETE TO MEDIAN 120mm MIN JOINTED AS SHOWN SL82 MESH TOP

PROPOSED STREET LIGHTING

CONCRETE TO MEDIAN 120mm MIN JOINTED AS SHOWN SL82 MESH TOP

2400 | 1540 | 2360 | 1540 | 2400 | 1540

Pit MED4/1 — REBATE FOR PLANTER BOXES

Pit MED4/2 — DOWEL MODIFIED SM KERB TO CONCRETE WITH J3/J4-N12@500CTS. REFER TO TFNSW DETAIL K4 (TYP)

Pit MED4/3

Pit MED4/4 — Ø150 UPVC FLOOR WASTE TO PLANTER RECESS. REFER TO DRAWING SET RF-0200 FOR DETAILS

Pit MED4/5 — SERVICE TRENCH UNDER MEDIAN (820mm WIDE)

Pit MED4/6

750 | 1300

REFER TO RF-0305 FOR NEXT PLAN

REFER TO RF-0307 FOR NEXT PLAN

CH420.00 209.80 | CH425.00 209.84 | CH430.00 209.88 | CH435.00 209.91 | CH440.00 209.95 | CH445.00 210.00 | CH450.00 210.05 | CH455.00 210.12 | CH460.00 210.19 | CH465.00 210.25 | CH470.00 210.31 | CH475.00 210.37 | CH480.00 210.44 | CH485.00 210.50 | CH490.00 210.57

RAY WHITE FFL 210.11

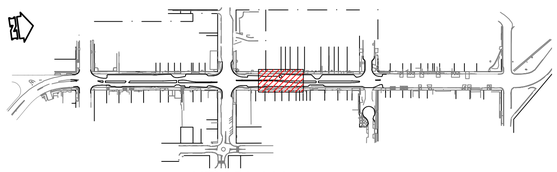
SCONE LEGAL FFL 210.16

VACANT FFL 210.25

SCONE SPARE PARTS FFL210.37

PARADISE AMANDA FFL 210.68

VACANT FFL 210.69



KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA

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SCONE NSW 2337
Telephone: (02) 6540 1100
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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www.rhmce.com.au
ABN 82 153 018 800

18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 2 - SHEET 2

Scale
Horizontal:
0 0.5 2 3.5 4 25
SCALE: 1:250 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: Rev
Date	AUG 23	CONS- RF-0306 02

A1 SHEET

LEGEND

- B17 — TRANSVERSE JOINT (SAWCUT JOINT AT APPROX 3500mm CTS). REFER TO TFNSW DETAILS
- B15 — DOWELED EXPANSION JOINT. APPROX 17.5m CTS. REFER TO TFNSW DETAIL
- (SF) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- (SM) - MODIFIED KERB TO BE DOWELED INTO EXISTING CONCRETE BASE WITH J3/J4-N12 @ 500CTS. REFER TO TFNSW DETAIL K4
- Ø150 UPVC PIPE TO SERVICE PLANTER BOXES. REFER TO DETAILS
- DENOTES NEW PIT
- DENOTES INFILL CONCRETE LID TO PIT
- DENOTES NEW FLOORWASTE TO PLANTER REBATE
- Pit 04/P — DENOTES NEW PIT NUMBER AND PIPE TAG
- E — DENOTES INDICATIVE LOCATION OF ELECTRICAL CONDUITS TO ELECTRICAL PROJECTS AUSTRALIA DETAILS
- FEN - DENOTES FENCE FIXED TO SLAB. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

FOR MEDIAN SLAB AND JOINTS REFER TO TFNSW STANDARD DRAWINGS RIDGID PAVEMENT - CYCLE PATH DESIGN DRAWINGS DS2012-000293

JOINT LAYOUT TO MEDIAN TO REFLECT EXISTING PAVEMENT JOINT LAYOUT

ALL SPACING DIMENSIONS BETWEEN PLANTER BED REBATES AS PER LANDSCAPING PLAN

DOWEL NEW MEDIAN INTO EXISTING CONCRETE BASE AS PER TFNSW DETAIL K4

CH 490 | CH 500 | CH 510 | CH 520 | CH 530 | CH 540 | CH 550

SCONE CHEMIST FFL 210.09

CONNAUGHT CHINESE RESTAURANT FFL 210.35

VACANT FFL 210.4

WARBURTON REAL ESTATE FFL 210.7

WARBURTON REAL ESTATE FFL 210.71

RHM CONSULTING ENGINEERS FFL 210.66

CAFE ON KELLY FFL 210.9

133 KELLY ST FFL 210.89

GREEN SEED GROCER FFL 211.15

REFER TO RF-0306 FOR NEXT PLAN

MEDIAN 6 BOX 1 RL: 210.30 | MEDIAN 6 BOX 2 RL: 210.45 | MEDIAN 6 BOX 3 RL: 210.57 | MEDIAN 7 BOX 1 RL: 210.87 | MEDIAN 7 BOX 2 RL: 211.00 | MEDIAN 7 BOX 3 RL: 211.05

2400 1540 2360 1540

B15 B17 MEDIAN 6 B17 (SM) B17 B15 MEDIAN 6 B17 (SM) B17 B17 MEDIAN 6 B17 MEDIAN 7 B17 (SM) B17 B12 MEDIAN 7 B15 B17 (SM) B17 MEDIAN 7 B17 B15 MEDIAN 7 B17

FEN | 750 | 1500 | 820 | R600 | 2400 | 300

Pit MED4/1 | Pit MED4/2 | Pit MED4/3 | Pit MED4/4 | (SM) Pit MED4/5 | Pit MED4/6 | Pit MED4/7 | Pit MED4/8 | (SM) Pit MED4/9 | Pit MED4/10 | Pit MED4/11 | Pit MED4/12 | Pit MED5/17 | Pit MED5/16 | Pit MED5/15 | Pit MED5/14 | (SM) Pit MED5/13 | Pit MED5/12 | Pit MED5/11 | Pit MED5/10 | (SM) Pit MED5/9 | Pit MED5/8 | (SM) P

REBATE FOR PLANTER BOXES

DOWEL MODIFIED SM KERB TO CONCRETE WITH J3/J4-N12@500CTS. REFER TO TFNSW DETAIL K4 (TYP)

Ø150 UPVC FLOOR WASTE TO PLANTER RECESS. REFER TO DRAWING SET RF-0200 FOR DETAILS

SERVICE TRENCH UNDER MEDIAN (820mm WIDE)

VARIABLE REBATE FOR PLANTER BOXERS

LEAN MIX TO MEDIAN

CONCRETE TO MEDIAN 120mm MIN JOINTED AS SHOWN SL82 MESH TOP

DISCHARGE Ø150 UPVC INTO PIT

PROPOSED STREET LIGHTING

SERVICE TRENCH TO BE CUT THROUGH PAVEMENT. REFER TO DWG RF-0352.

NEW PIT TO MEDIAN TO PICK UP TRANSVERSE. REFER TO STORMWATER SM-0100 DRAWING SET AND MEDIAN STORMWATER RF-0200 FOR DETAILS

'SM' TYPE KERB TO MEDIAN

CENTRAL FENCE TO MEDIAN. REFER TO LANDSCAPE DRAWINGS FOR DETAILS

DOWEL MODIFIED SM KERB TO CONCRETE WITH J3/J4-N12@500CTS. REFER TO TFNSW DETAIL K4 (TYP)

PROPOSED STREET LIGHTING

CH480.00 210.44 | CH485.00 210.50 | CH490.00 210.57 | CH495.00 210.63 | CH500.00 210.69 | CH505.00 210.76 | CH510.00 210.82 | CH520.00 210.95 | CH525.00 211.02 | CH530.00 211.08 | CH535.00 211.15 | CH540.00 211.21 | CH545.00 211.27 | CH550.00 211.33

REFER TO RF-0308 FOR NEXT PLAN

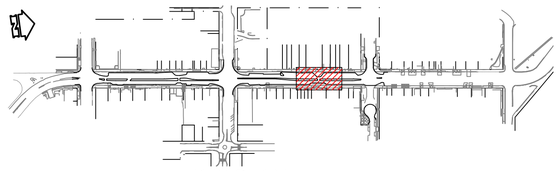
PARADISE AMANDA FFL 210.68

VACANT FFL 210.69

THE HUNTER GOURMET FFL 210.79

HAIR SALON LOCKS FFL 210.68

CIVIC THEATRE FFL 211.4



KEY PLAN

SCALE: 1:5000 (A1)

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
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ABN 82 153 018 800

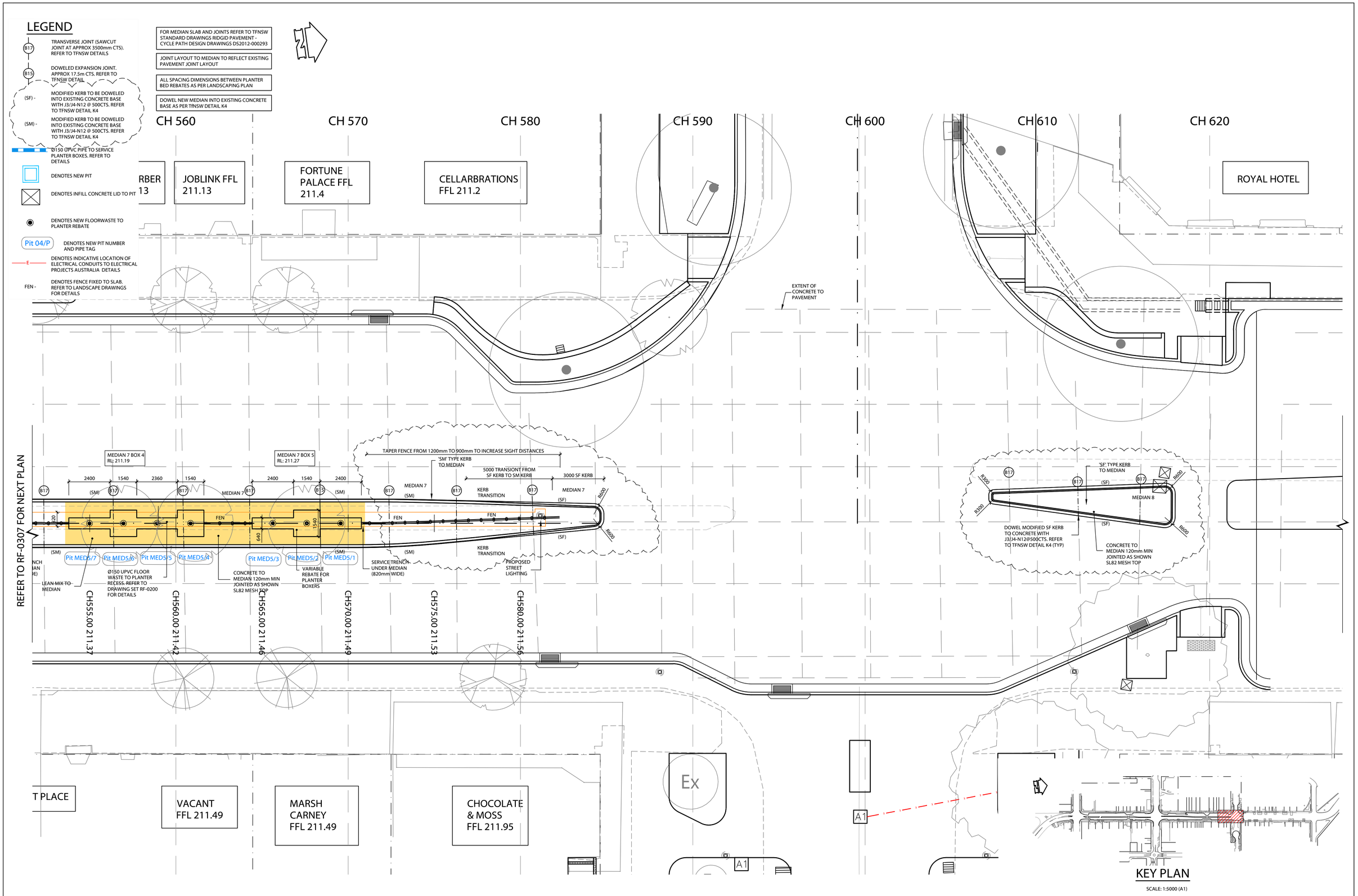
18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 2 - SHEET 3

Scale
Horizontal:
0 0.5 2 3.5 4 25
SCALE: 1:500 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
Drawn	CA	Project Engineer/Director Date
Datum	NIL	Drawing No: CONS- RF-0307 Rev 02
Date	AUG 23	

A1 SHEET



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01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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18-130 PART 10
MEDIAN
SLAB PLAN
BLOCK 2 - SHEET 4

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE: 1:5000 (A1)

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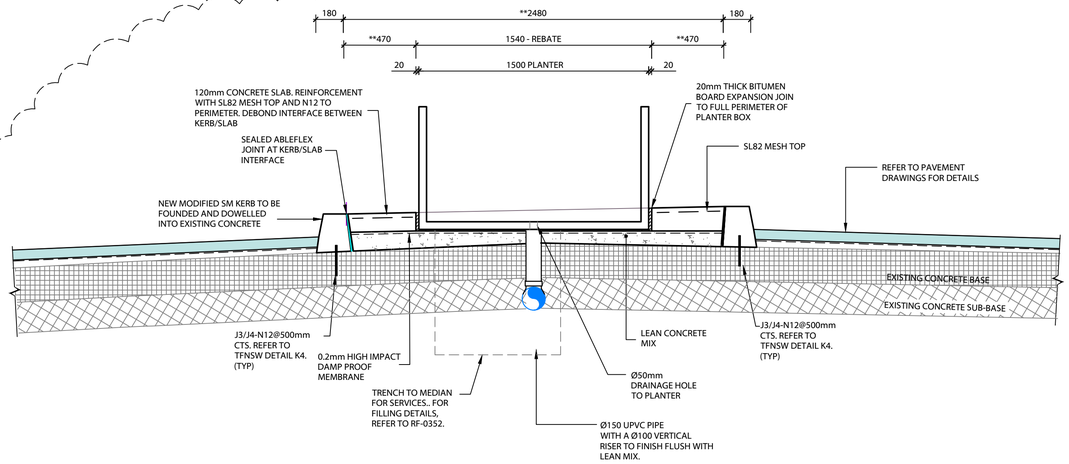
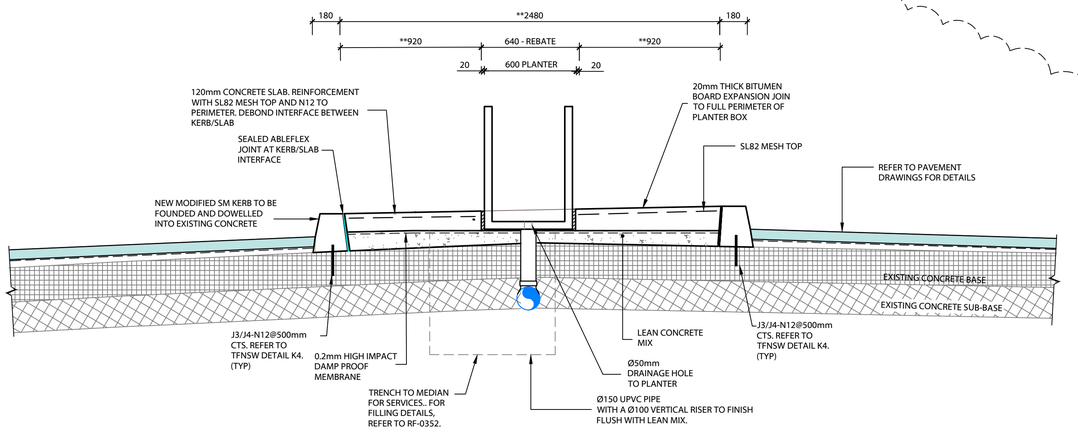
Datum	NIL	Drawing No: Rev
Date	AUG 23	CONS- RF-0308 02

A1 SHEET



TYPICAL MEDIAN DETAIL 1500 PLANTER BOX

SCALE 1:20 (A1)
NOTE:
1. LANDSCAPING TO PLANTER BOX NOT SHOWN FOR CLARITY



TYPICAL MEDIAN DETAIL 600 PLANTER BOX

SCALE 1:20 (A1)
NOTE:
1. LANDSCAPING TO PLANTER BOX NOT SHOWN FOR CLARITY

TYPICAL MEDIAN DETAIL NO PLANTER BOX WITH EXISTING BASE

SCALE 1:20 (A1)
NOTE:
1. LANDSCAPING TO PLANTER BOX NOT SHOWN FOR CLARITY

TYPICAL MEDIAN DETAIL NO PLANTER BOX WITH NEW BASE

SCALE 1:20 (A1)

TYPICAL MEDIAN DETAIL BETWEEN PLANTER BOX

SCALE 1:20 (A1)
NOTE:
1. LANDSCAPING TO PLANTER BOX NOT SHOWN FOR CLARITY

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18-130 PART 10
MEDIAN SLAB SECTONS AND DETAILS SHEET 1

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

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Datum	NIL	Drawing No: CONS- RF-0351 Rev 02
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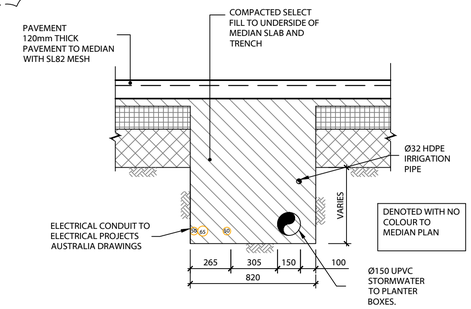
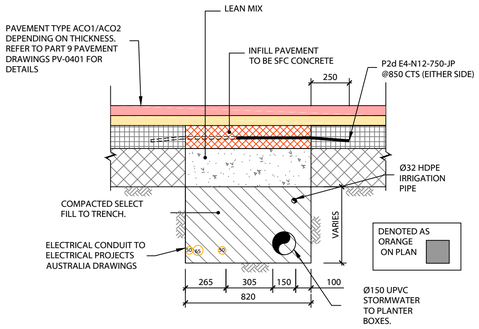
A1 SHEET



PAVEMENT RE-INSTATEMENT SERVICE TRENCH DETAIL AT MEDIANS - NO PLANTER

SCALE 1:20 (A1)

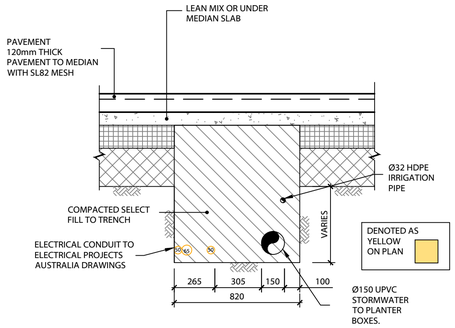
1. AG-LINE TAILS AT 3.0m LONG TO BE INSTALLED AT STORMWATER PIT



PAVEMENT RE-INSTATEMENT SERVICE TRENCH DETAIL AT PEDESTRIAN CROSSING/AMBULANCE BAY

SCALE 1:20 (A1)

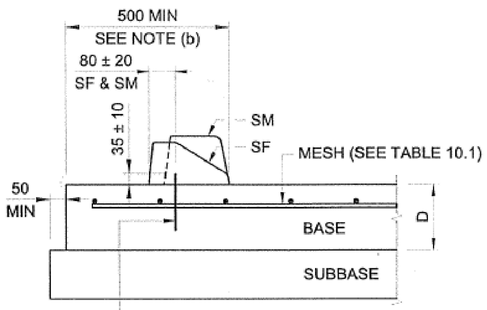
1. JOINT TYPE: J2D: LONGITUDINAL DRILL-TIED AND FORMED. REFER TO TFNSW STANDARD
2. NOTE BARS TO BE STAGGERED TO ALLOW FOR INSTALLATION



PAVEMENT RE-INSTATEMENT SERVICE TRENCH DETAIL AT MEDIANS - BETWEEN PLANTERS

SCALE 1:20 (A1)

1. AG-LINE TAILS AT 3.0m LONG TO BE INSTALLED AT STORMWATER PIT



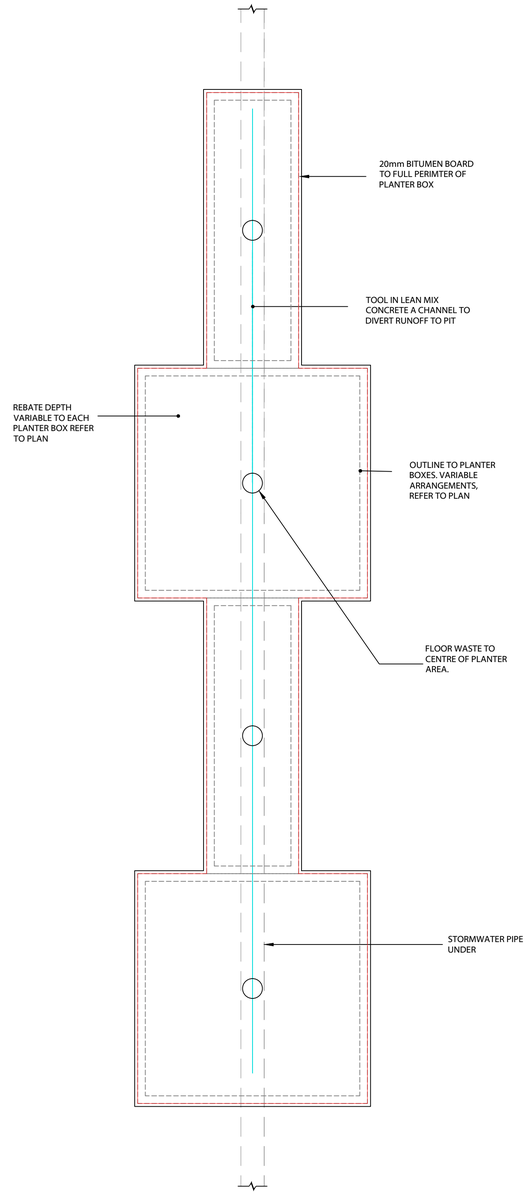
J3-N12 @ 500 C/C IN ACCORDANCE WITH TABLE 7.1 WHEN INSTALLED INTEGRALLY WITH BASE SLAB. ALSO SEE NOTE (d).
J4-N12 @ 500 C/C IN ACCORDANCE WITH TABLE 7.1 WHEN INSTALLED AS DRILL-TIES INTO AN EXISTING BASE SLAB. ALSO SEE NOTE (d).

DETAIL K4
SCALE 1:20 -

MODIFIED TYPE SF AND SM

TYPICAL K4 DETAIL AS PER TfNSW

N.T.S



TYPICAL MEDIAN REBATE DETAIL

SCALE 1:20 (A1)

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18-130 PART 10
MEDIAN SLAB
SECTONS AND DETAILS
SHEET 2

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

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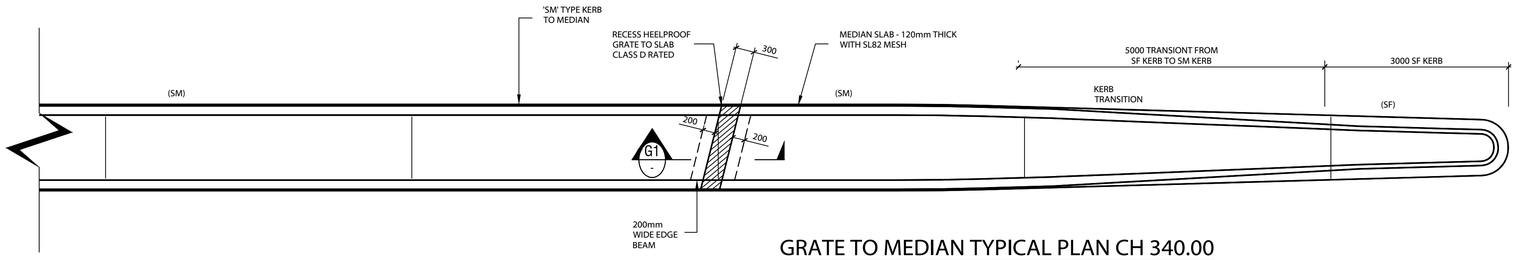
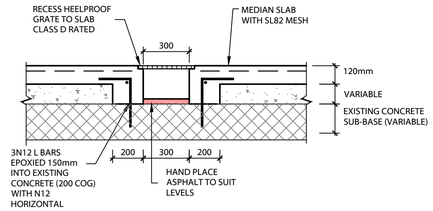
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- RF-0352	02

A1 SHEET



GRATE TO MEDIAN TYPICAL PLAN CH 340.00

SCALE 1:20 (A1)



SECTION G1: GRATE TO MEDIAN TYPICAL DETAIL

SCALE 1:20 (A1)

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18-130 PART 10
MEDIAN SLAB
SECTONS AND DETAILS
SHEET 3

Scale
Horizontal:
0 0.5 1 1.5 2 2.5
SCALE 1:50 (A1)

CIVIL DRAWING

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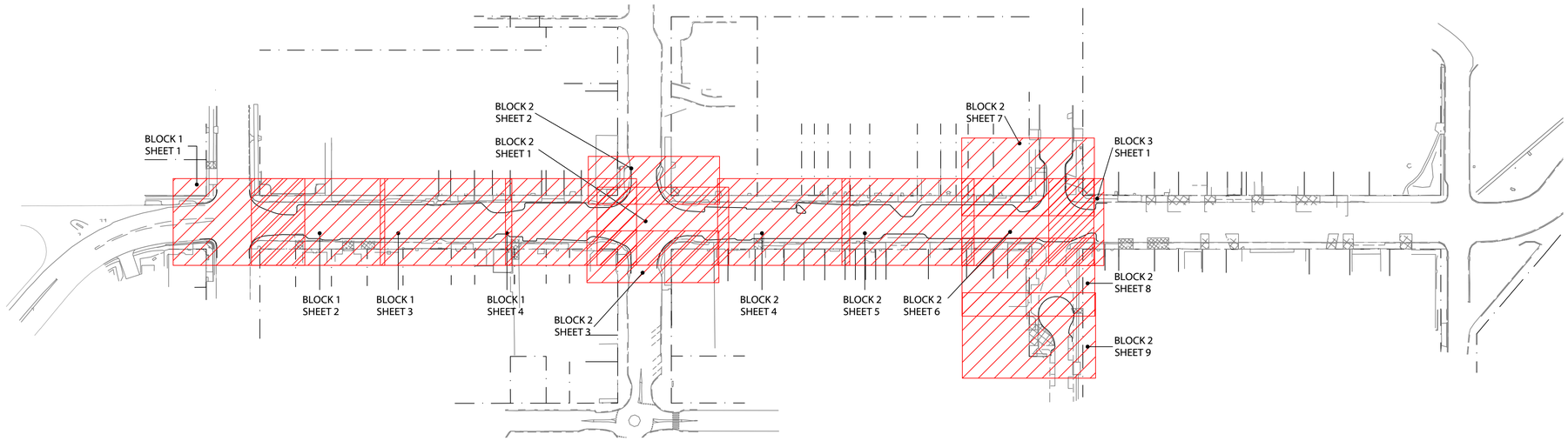
Date	OCT 23	CONS- RF-0353	01

A1 SHEET



KEY PLAN - OVERALL KELLY STREET

SCALE: 1:1500 (A1)

NEW MEDIANS ADDED TO FOOTPATH DRAWINGS.
REFER TO PART 10 ROAD FURNITURE DRAWINGS FOR MEDIAN DETAILS

PROPOSED LIGHTING INDICATIVE FINAL DESIGN AS PER ELECTRICAL PROJECTS AUSTRALIA

LEGEND

- LJ - LONGITUDINAL CONSTRUCTION JOINT
- DEJ/DEJ (A)/(B)/(C)/(D) - DOWELLED EXPANSION JOINT
- TJ/TJ (A)/(B)/(C) - TROWEL JOINT
- SJ SAW CUT JOINT
- EXISTING ELEC PILLAR
- EXISTING TELSTRA PIT
- EXISTING SIGN POST
- EXISTING STREET TREE
- EXISTING SIP SEWER INSPECTION POINT
- EXISTING TL TRAFFIC LIGHT
- EXISTING STOP VALVE
- EXISTING POWER POLE
- EXISTING STAY
- EXISTING PRIVATE POLE
- EXISTING LIGHT POLE
- ICV EXISTING IRRIGATION CONTROL VALVE
- EXISTING HYDRANT
- EXISTING INSPECTION CAP
- SWO - EXISTING STORMWATER OUTLET
- W - EXISTING WATER MARKER
- NBN - EXISTING NATIONAL BROADBAND NETWORK

LANDSCAPING LEGEND

NOTE: REFER TO LANDSCAPE ARCHITECT FOR DETAILS

- BIN ENCLOSURES
- SANDSTONE BLOCK
- BENCH SEAT
- BUBBLER
- BIKE PARKING
- INLAID 'HORSE WALK OF FAME' PLAQUE
- TREE GRATE
- ~~PEDESTRIAN LAMP POST~~
- THEMATIC FENCE WITH LOGO SIGN
- CONTAINMENT FENCE - 900MM HIGH
- ROAD LAMP POST
- PLANTABLE AREAS (MULTIPLE HATCHES)
- TURF

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18-130 - PART 12
FOOTPATH PLAN
OVERALL PLAN

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0100	03

A1 SHEET

CH 110 CH 120 CH 130 CH 140 CH 150 CH 160 CH 170

EXISTING PATH TO BE RETAINED

REMOVE EXISTING KERB AND GUTTER AND REPLACE. BLEND USHC KERB INTO EXISTING

REPLACE FOOTPATH AT JUNCTION TO SUIT. ALLOW WIDTH 900mm.

USHC KERB

RETAIN EXISTING PATH

BLEND USHC KERB INTO EXISTING

WALL TYPE B

GARDEN BED TO COLES

150x150 KERB TO FOOTPATH ALONG INTEFACE

STORMWATER PIT TO FOOTPATH WITH HEEL PROOF METAL GRATE. REFER TO STORMWATER DRAWINGS

COLES CARPARK

TRENCH GRATE REFER TO STORMWATER DRAWINGS

EB2 EB2A EB3 EB4

DEJ (B) DEJ (C) DEJ (D) SJ TJ (B) TJ (A) DJ

RL 209.13 RL 209.13 RL 209.129 RL 209.142 RL 209.168 RL 209.14 RL 209.160 RL 209.219 RL null RL 209.306 RL 209.319 RL 209.296 RL 209.279 TOW 209.60 RL 209.183 RL 209.312 RL 209.70 RL 209.356 RL 209.25 RL 209.253 RL 209.290 RL 209.284 RL 209.322 RL 209.213 RL 209.33 TOW 209.80 RL 209.52 RL 209.172 RL 209.410 RL 209.480

8735 1520

PLANTABLE AREA

LANDSCAPE TO TRANSITION

TYPE 2 NEW COMPLIANT ACCESS RAMP. REFER TO FT-0363

SLOPE GARDEN BED BEHIND KERB, REFER TO LANDSCAPE DRAWINGS

WALL B1W/ TYPE B

WALL TYPE B

200 200

CH 110 CH 120 CH 130 CH 140 CH 150 CH 160 CH 170

5000

BLEND TO SURFACE

RETAIN EXISTING MEDIAN

NEW MEDIAN. REFER TO PART 10 ROAD FURNITURE DRAWINGS

REMOVE EXISTING LINTEL, RETAIN EXISTING PIT AND INSTALL A NEW GRATED DRAIN WITHIN FOOTPATH. GRATE TO BE A HEEL-PROOF, MEDIUM DUTY CAST-IN GRATE.

USHC KERB

REMOVE EXISTING KERB AND GUTTER

EXISTING "LETTER BOX" OPENING TO BE REMOVED. RETAIN EXISTING PIT AND REPLACE WITH A NEW KERB INLET

REMOVE EXISTING LINTEL, RETAIN PIT AND INSTALL AN INLET TO ROAD. REFER TO STORMWATER DRAWINGS.

BLEND USHC KERB INTO EXISTING

THOROUGHBRED HOTEL

REMOVE EXISTING MEDIAN

PROPOSED STREET LIGHT

NEW MEDIAN. REFER TO PART 10 ROAD FURNITURE DRAWINGS

WOMBAT CROSSING

3600

1500 1500

PROPOSED STREET LIGHT

TYPE 2 NEW COMPLIANT ACCESS RAMP. REFER TO FT-0363

LANDSCAPE DESIGN TO REFLECT WOMBAT CROSSING DESIGN

NEW CROS

3600

200 200

USHC KERB

EB2 EB3 EB4 EB1

DEJ (A) DEJ (B) DEJ (C) DEJ (D) SJ TJ (A) DJ

RL 209.644 RL 209.674 RL 209.520 RL 209.540 RL 209.817 RL 209.207 RL 209.766 RL 209.788 RL 209.772 RL 209.746 RL 209.694 RL 209.533 RL 209.578 RL 209.602 RL 209.750 RL 209.813 RL 209.820 RL 209.728 RL 209.657 RL 209.621 RL 209.547

1520 1200 1200

EXISTING HOB TO FENCE TO BE RETAINED

NEW 150 TO 180 HOB TO SLAB EDGE.

NEW COMPLIANT 1520mm ACCESS RAMP 1 IN 8 TO EXISTING FOOTPATH.

ENSURE SLAB ABUTS EXISTING PATHWAY. DOWEL WITH 3R12 GALVANISED DOWELS -300mm LONG. (REFER TO EB7)

VEHICULAR ACCESS

BLEND USHC KERB INTO EXISTING

NEW COMPLIANT 1520mm ACCESS RAMP 1 IN 8 TO EXISTING FOOTPATH. RAMP LOCATION TO BE RESOLVED UPON DETERMINATION OF EXISTING STORMWATER

EX PATH 1145

1310 EXISTING FENCE

1 DP783597/ 218 KELLY STREET

REFER TO FT-0102 FOR NEXT PLAN

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18-130 - PART 12
FOOTPATH PLAN
BLOCK 1 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
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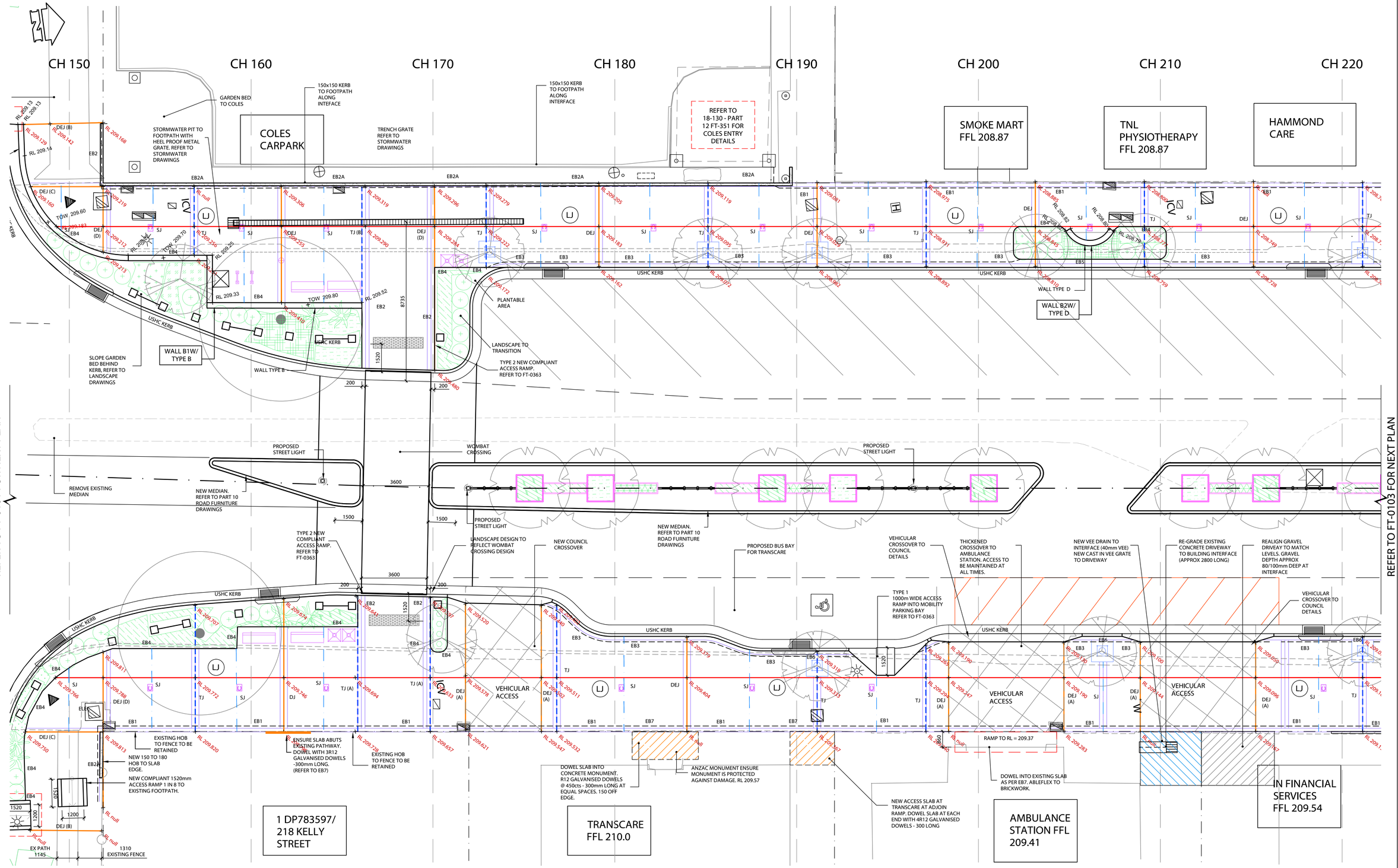
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- FT-0101 04

A1 SHEET



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18-130 - PART 12
FOOTPATH PLAN
BLOCK 1 - SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers
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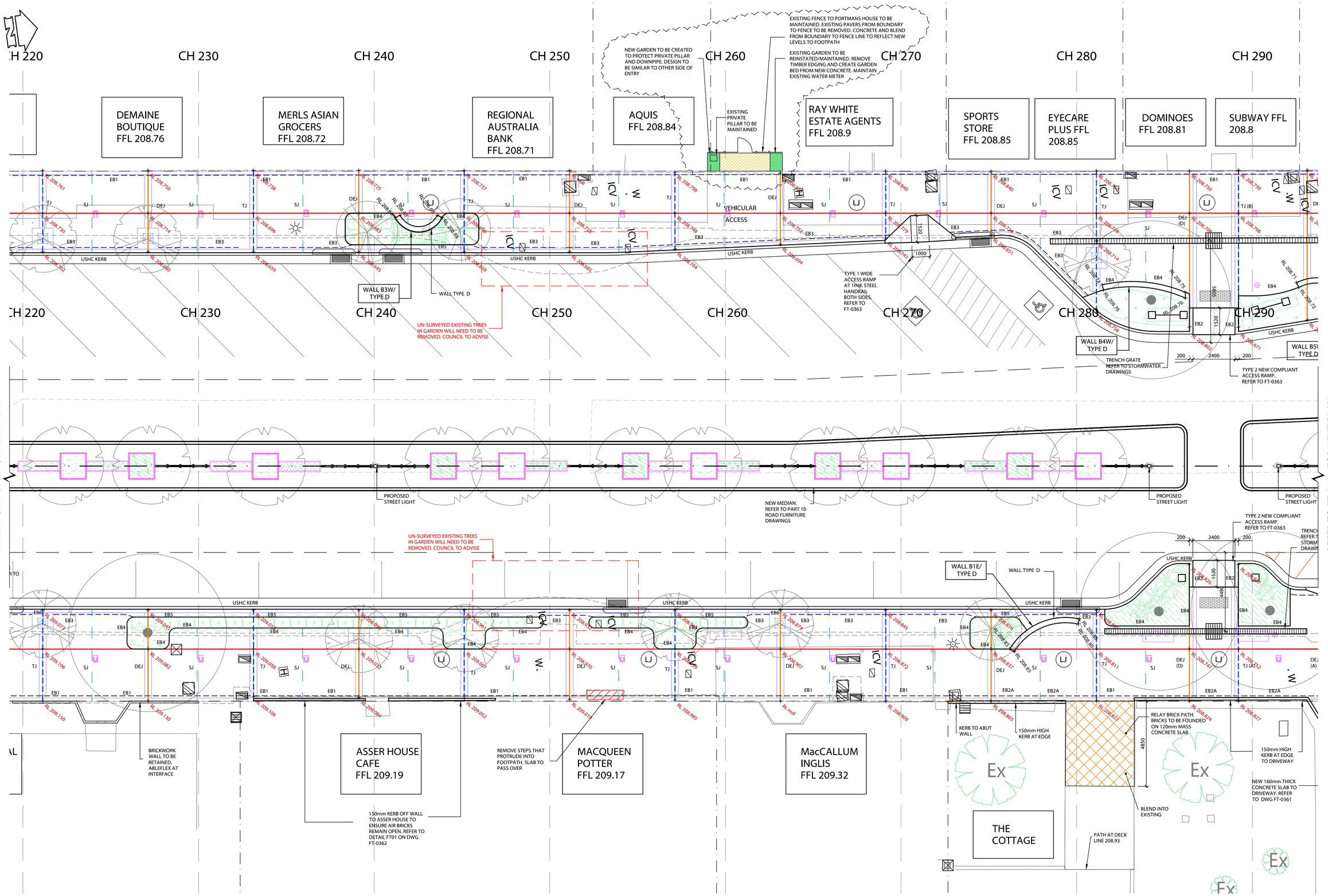
Datum	NIL	Drawing No: Rev
Date	OCT 23	CONS- FT-0102 04

A1 SHEET



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18-130 - PART 12
FOOTPATH PLAN
BLOCK 1 - SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

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Datum	NIL	Drawing No:	Rev
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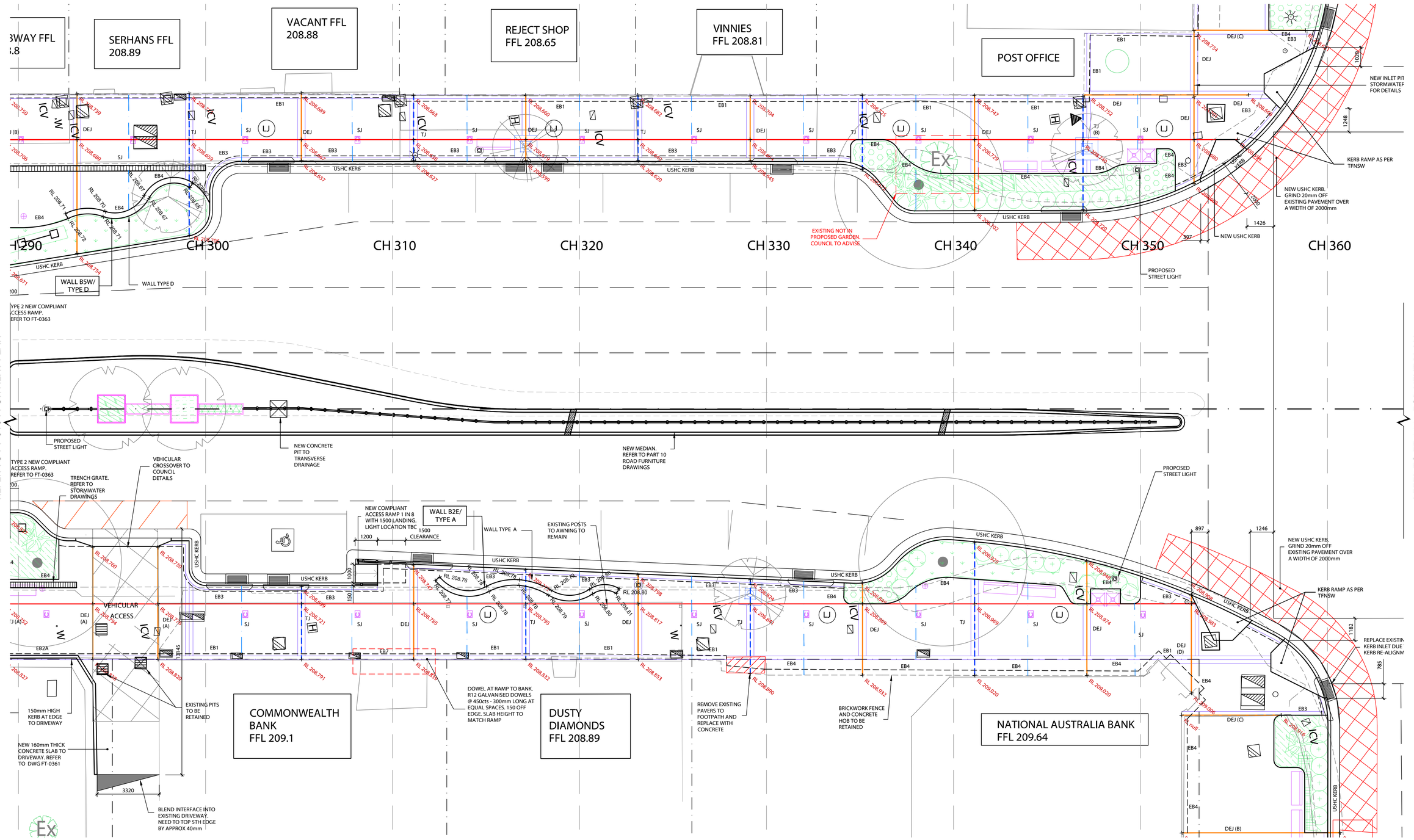
A1 SHEET



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18-130 - PART 12
FOOTPATH PLAN
BLOCK 1 - SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- FT-0104 Rev 04

A1 SHEET

REFER TO FT-0202 FOR NEXT PLAN

POST OFFICE

CAMPBELLS CORNER

NEW INLET PIT. REFER TO STORMWATER DRAWINGS FOR DETAILS

KERB RAMP AS PER TFNSW

NEW USHC KERB. GRIND 20mm OFF EXISTING PAVEMENT OVER A WIDTH OF 2000mm

NEW USHC KERB

PROPOSED STREET LIGHT

CH 350

CH 360

CH 380

CH 390

CH 400

CH 410

1500 CLEARANCE

NEW COMPLIANT ACCESS RAMP 1 IN 8 WITH 1500 LANDING AND HANDRAIL.

TYPE 1 1000m WIDE ACCESS RAMP INTO MOBILITY PARKING BAY REFER TO FT-0363

NEW MEDIAN. REFER TO PART 1 ROAD FURNITUR DRAWINGS

REFER TO FT-0104 FOR NEXT PLAN

REFER TO FT-0202 FOR NEXT PLAN

NATIONAL AUSTRALIA BANK FFL 209.64

GOLDEN FLEECE HOTEL

VACANT

REMOVE EXISTING

REFER TO FT-0203 FOR NEXT PLAN

REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	25/10/2023	CA
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KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH
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Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- FT-0201 04

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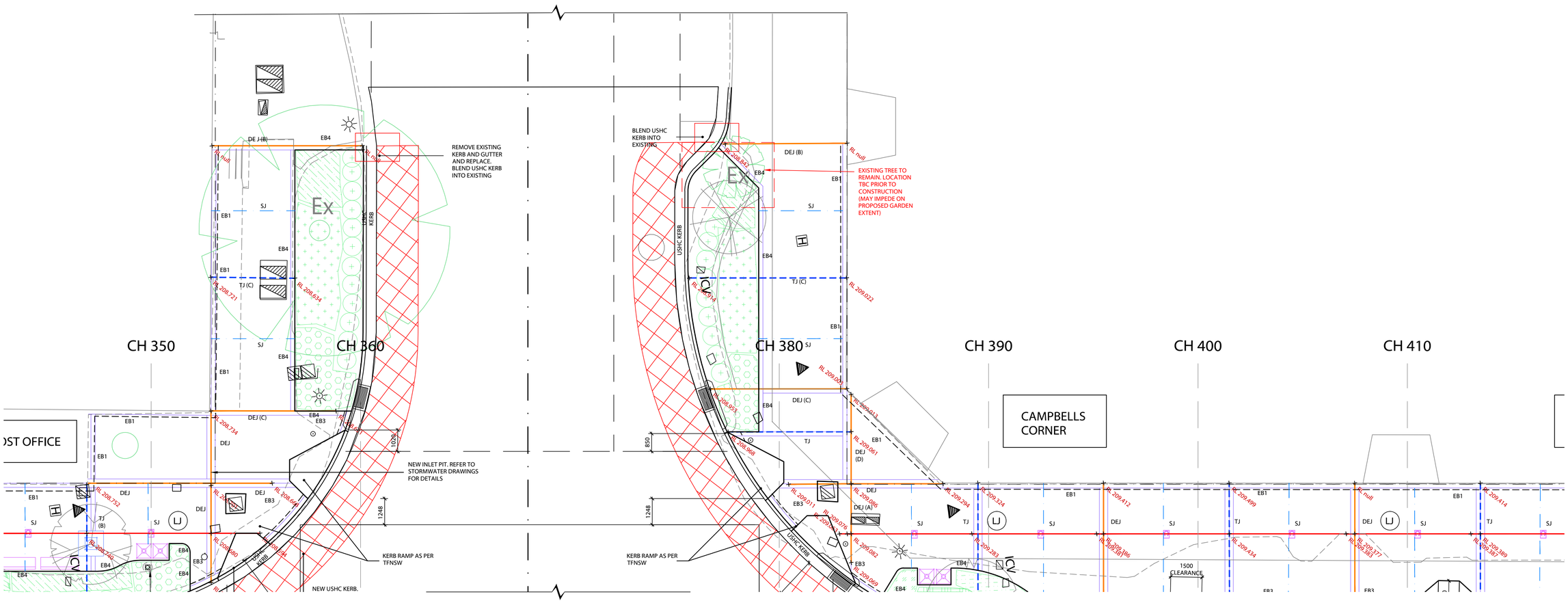

REFER TO FT-0201 FOR NEXT PLAN

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18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

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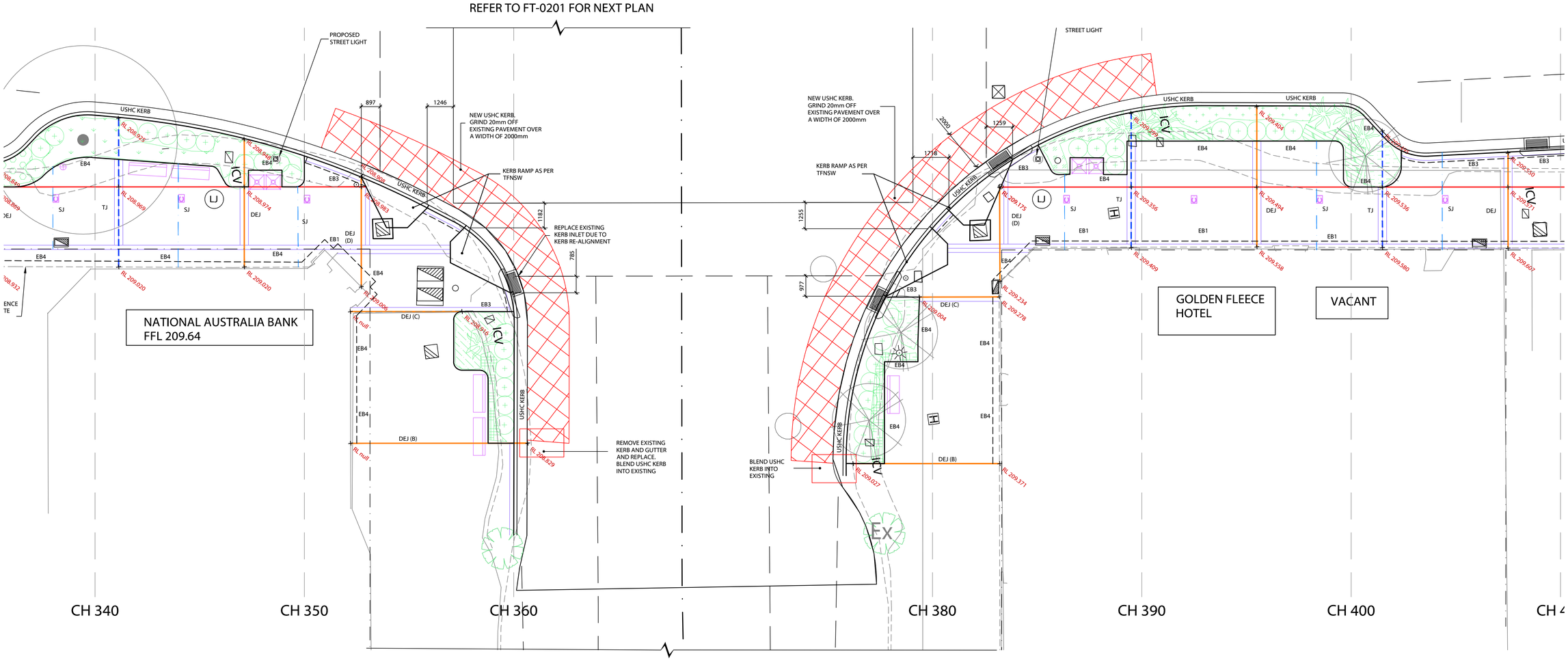
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- FT-0202 Rev 04

A1 SHEET



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18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

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Date	OCT 23

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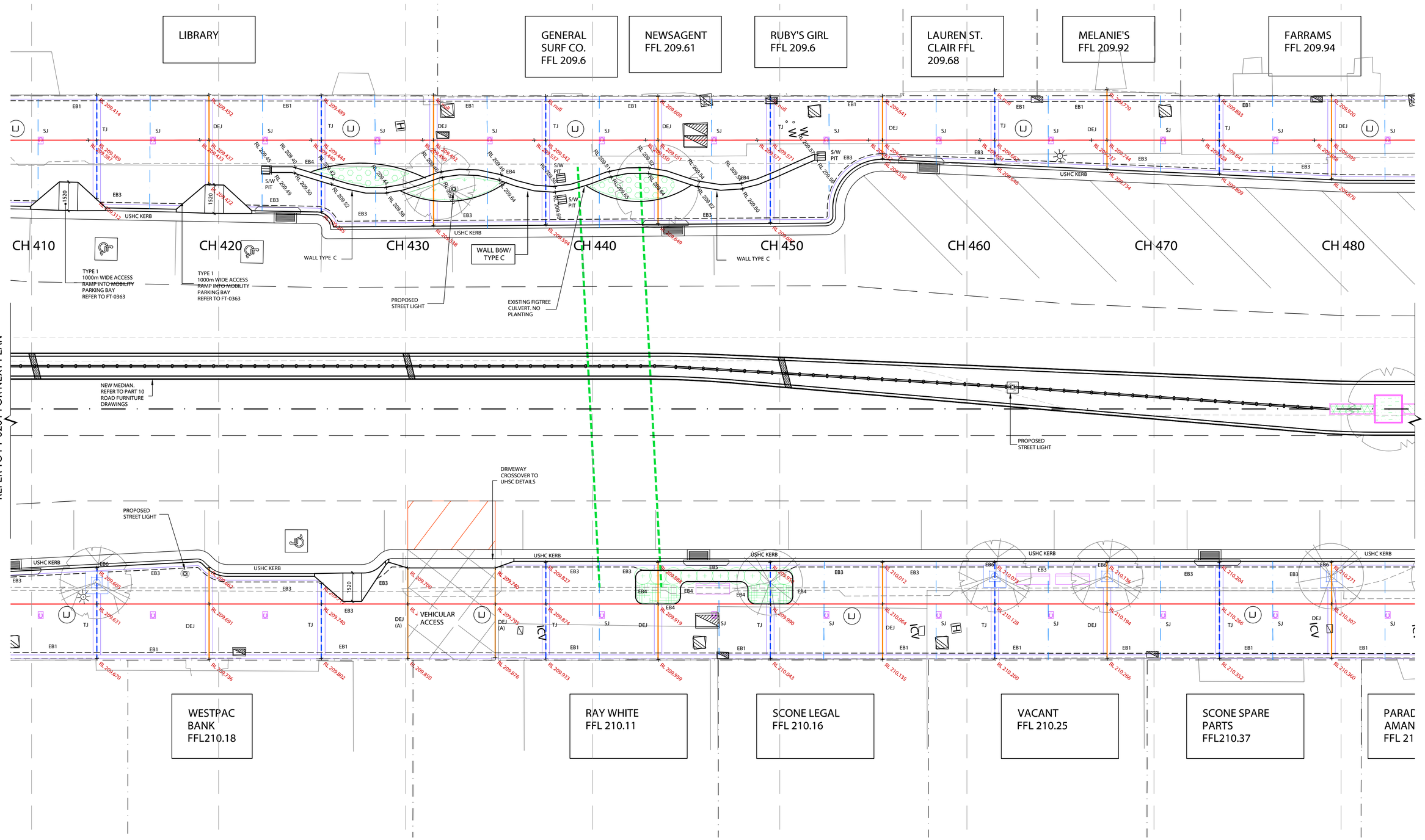
Drawing No: CONS- FT-0203 04 Rev

A1 SHEET



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18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 4

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

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Date	OCT 23	CONS- FT-0204	04

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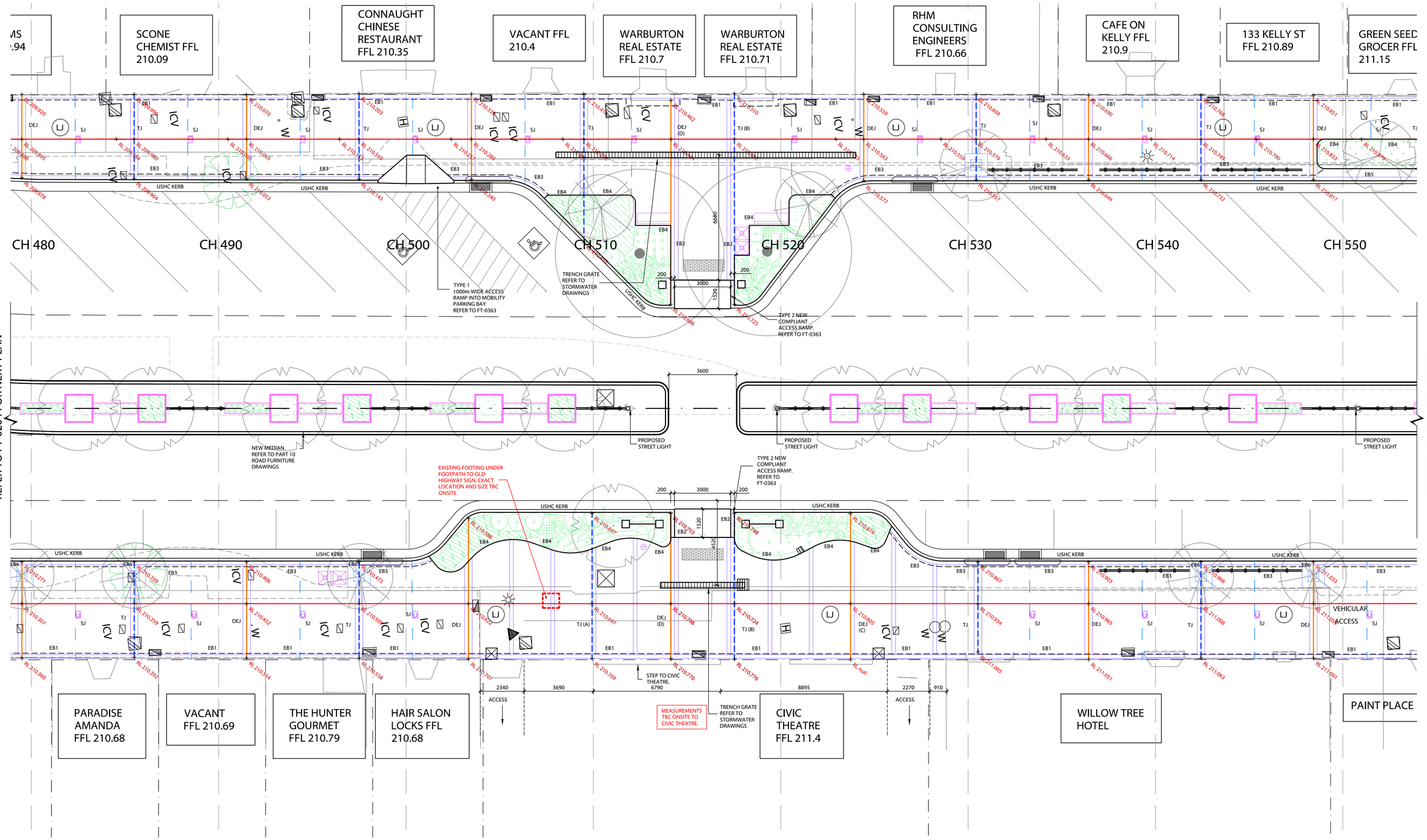

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18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 5

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

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Date	OCT 23	CONS- FT-0205 04

A1 SHEET

REFER TO FT-0207 FOR NEXT PLAN

LLY ST
0.89

GREEN SEED GROCER FFL 211.15

KIMS BARBER FFL 211.13

JOBLINK FFL 211.13

FORTUNE PALACE FFL 211.4

CELLARBRATIONS FFL 211.2

CH 550 CH 560 CH 570 CH 580 CH 590 CH 600 CH 610 CH 620

WALL B7W/ TYPE D

WALL TYPE D

DRAIN TO ENTER THROUGH BACK OF LINTEL. TRENCH DRAIN TO SPLAY INTO PIT.

NEW PIT UNDER FOOTPATH. INSTALL NEW HEEL PROOF CAST IN GRATE TO FOOTPATH. TRENCH DRAIN TO CONNECT INTO EXISTING PIT. REFER TO STORMWATER DRAWINGS

DRAIN TO CONNECT TO ST AUBINS & KELLY STREET KERB. REFER TO STORMWATER DRAWINGS FOR DETAILS

TRENCH DRAIN UNDER

WALL B8W/ TYPE D

WALL TYPE D

TYPE 2 NEW COMPLIANT ACCESS RAMP. REFER TO FT-0363

REFER TO FT-0205 FOR NEXT PLAN

PROPOSED STREET LIGHT

NEW MEDIAN. REFER TO PART 10 ROAD FURNITURE DRAWINGS

PROPOSED STREET LIGHT

NEW MEDIAN. REFER TO PART 10 ROAD FURNITURE DRAWINGS

TRENCH GRATE, REFER TO STORMWATER DRAWINGS

TYPE 2 NEW COMPLIANT ACCESS RAMP. REFER TO FT-0363

REFER TO FT-0301 FOR NEXT PLAN

PROPOSED STREET LIGHT

PROPOSED STREET LIGHT

VEHICULAR ACCESS

PAINT PLACE

VACANT FFL 211.49

MARSH CARNEY FFL 211.49

CHOCOLATE & MOSS FFL 211.95

VACANT FFL 211.67

EXISTING TREE TO REMAIN

CONCRETE PLINTH. REFER TO DETAIL ON PART 12 FT-0404

EXISTING TREE TO REMAIN

"EXISTING TREE TO REMAIN

REFER TO FT-0208 FOR NEXT PLAN

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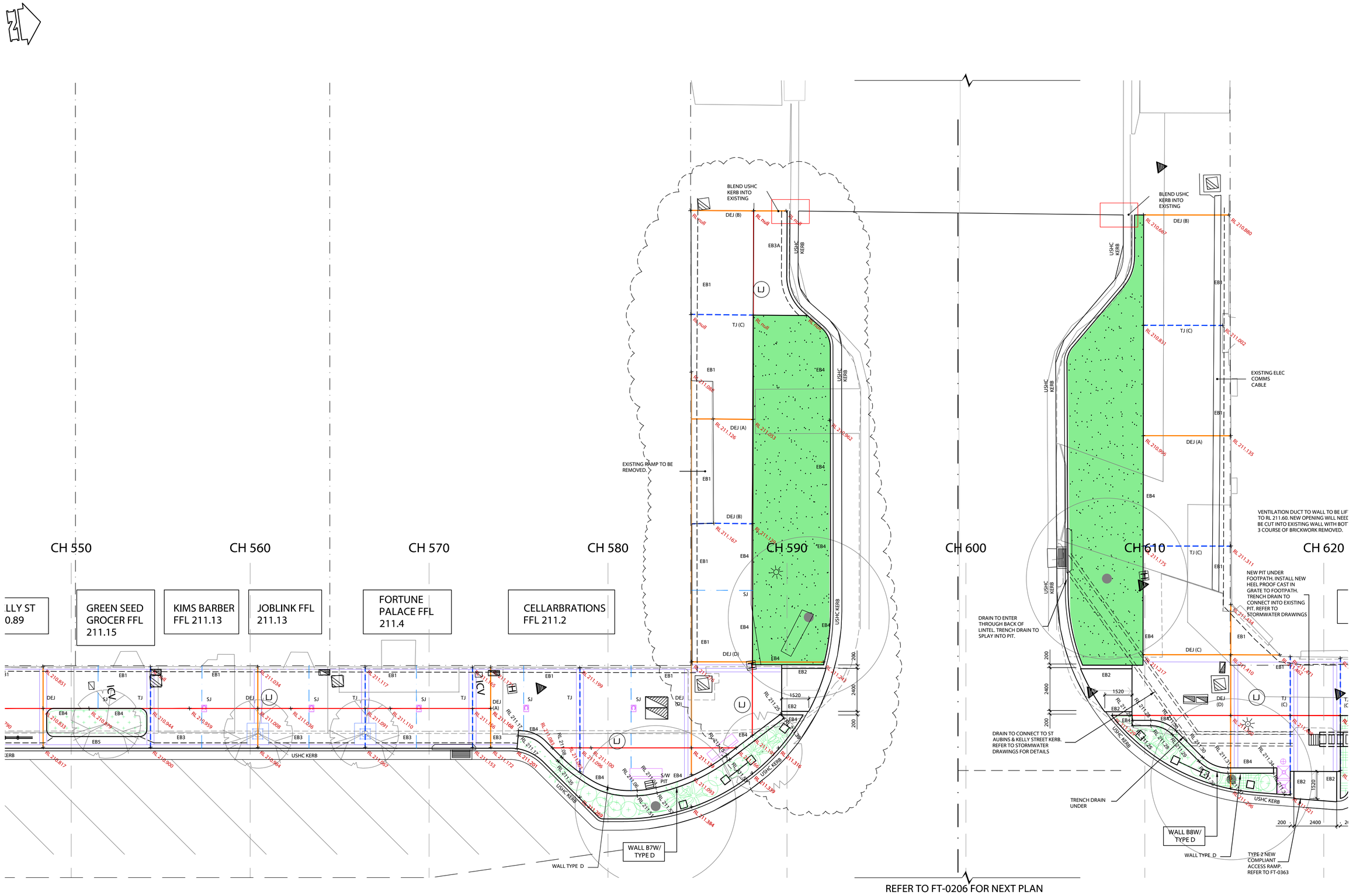
18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 6

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0206	04

A1 SHEET



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KELLY STREET REVITALISATION PROJECT SCONE NSW 2337

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18-130 - PART 12 FOOTPATH PLAN BLOCK 2 - SHEET 7

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0207	04

A1 SHEET

REFER TO FT-0206 FOR NEXT PLAN

PAINT PLACE

VACANT
FFL 211.49

MARSH
CARNEY
FFL 211.49

CHOCOLATE
& MOSS
FFL 211.95

VACANT FFL
211.67

CH 550 CH 560 CH 570 CH 580 CH 590 CH 600 CH 610 CH 620

VEHICULAR ACCESS

USHC KERB

EXISTING TREE TO REMAIN

CONCRETE PLINTH. REFER TO DETAIL ON PART 12 FT-0404

PROPOSED STREET LIGHT

TRELLIS STRUCTURE OVER FOOTPATH. REFER TO PART 12 FT-0401 FOR STRUCTURAL DETAILS

"EXISTING TREE TO REMAIN

STEP AT 211.84

EXISTING TIMBER STRUCTURE TO REMAIN. LOCATION TO BE CONFIRMED ONSITE

ENSURE SLAB TO FOOTPATH IS BELOW "AIR BRICKS" TO WALL

STEP AT 211.86

REMOVE EXISTING PAVERS

INTERFACE AT 211.75

EXTENT OF WORKS TO BE CONFIRMED ONSITE DUE TO EXISTING GARDENS

EXISTING GARDEN TO REMAIN

WALL TYPE D

WALL B3E/ TYPE D

BOK 211.73

PIT TO KERB AT SAG LOCATION

BACK OF KERB TO CUL-DE-SAC

ROLLED KERB TO CUL-DE-SAC BULB

CROSSOVER TO MOUNTABLE ROLLED KERB

EXISTING SEWER MANHOLE TO REMAIN

NEW PIT. REFER TO STORMWATER DRAWINGS

SEWER MANHOLE

NEW COMMERCIAL DRIVEWAY TO BE 3.5METRES

EXISTING PIT HEIGHT TBC (APPROX 212.03)

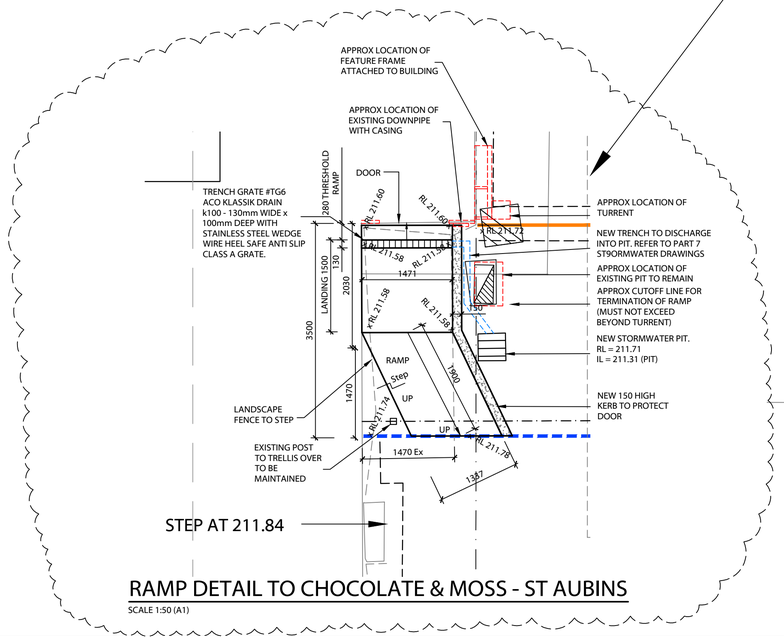
LANDSCAPE CONCRETE FINISH

PLAIN CONCRETE FINISH

ICV

RAMP DETAIL TO CHOCOLATE & MOSS - ST AUBINS

SCALE 1:50 (A1)



REFER TO FT-0207 FOR NEXT PLAN

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18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 8

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

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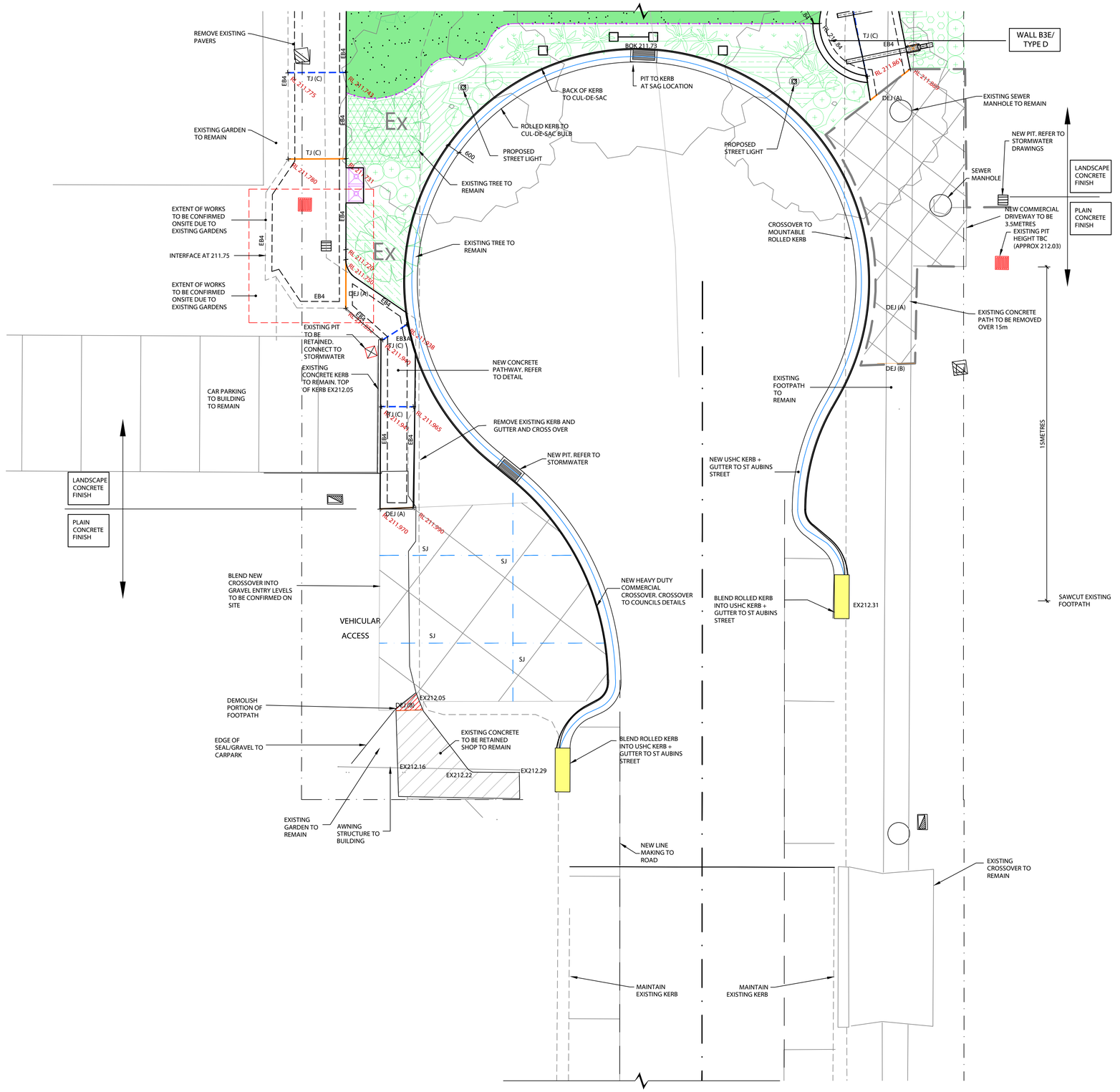
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0208	04

A1 SHEET

REFER TO FT-0208 FOR NEXT PLAN



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18-130 - PART 12
FOOTPATH PLAN
BLOCK 2 - SHEET 9

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

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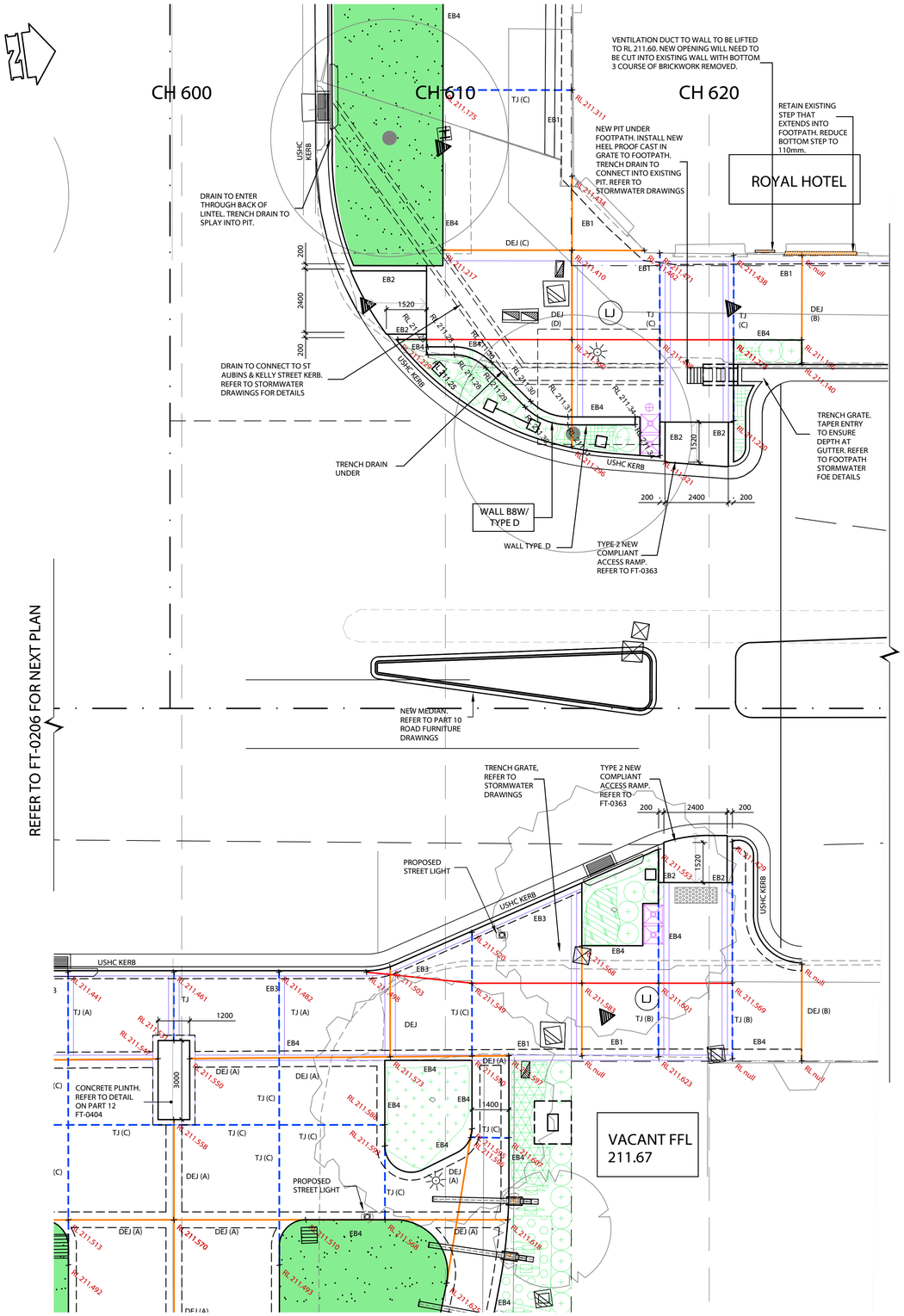
A1 SHEET



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18-130 - PART 12
FOOTPATH PLAN
BLOCK 3 - SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

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Drawn	CA	Project Engineer/Director	Date
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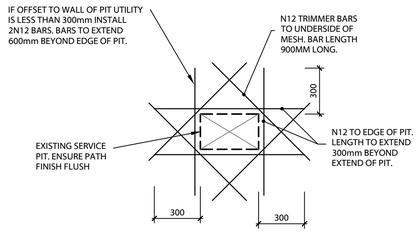
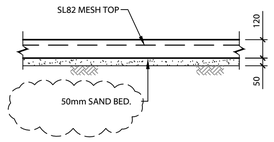


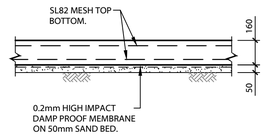
REINFORCEMENT TO PIT DETAILS

SCALE 1:20 (A1)



FOOTPATH DETAIL

SCALE 1:20 (A1)

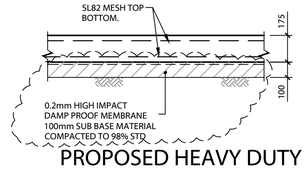


PROPOSED LIGHT DUTY VEHICLE CROSSOVER

SCALE 1:20 (A1)

NOTES:

1. BROOM FINISH TO CROSSOVER
2. CONCRETE STRENGTH CROSSOVER TO BE 32 MPa.
3. MAXIMUM GROSS MASS ≤ 3 TONNE

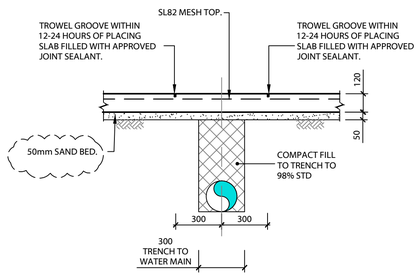


PROPOSED HEAVY DUTY VEHICLE CROSSOVER

SCALE 1:20 (A1)

NOTES:

1. REFER TO UPPER HUNTER SHIRE COUNCIL STANDARD VEHICLE LAY-BACK (UP RIGHT KERB) DETAILS - COMMERCIAL DRIVEWAYS
2. SUB BASE TO COMPLY WITH ARRB SPECIAL REPORT SP41
3. FOR VEHICLES GROSS MASS ≥ 3 TONNE



TROWEL JOINT DETAIL TO WATERMAIN

SCALE 1:20 (A1)

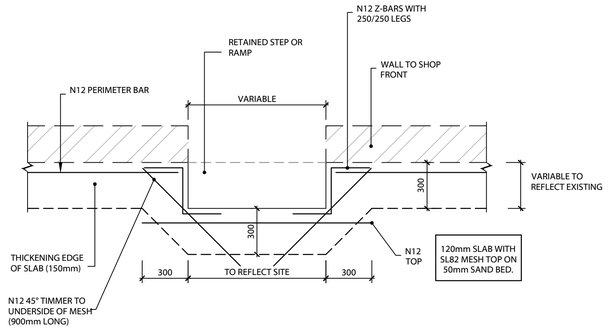
ASSUMED REBATE DEPTH 50mm TO SUIT A 40mm PAVER

ALL DOWELL JOINTS TO BE SEALED WITH A FLEXIBLE, DURABLE FILLER

ALL CONCRETE TO FOOTPATH TO HAVE A CONCRETE STRENGTH AT 28 DAYS OF 32 MPa

ALL KERB RAMPS TO COMPLY WITH AS 1428.1

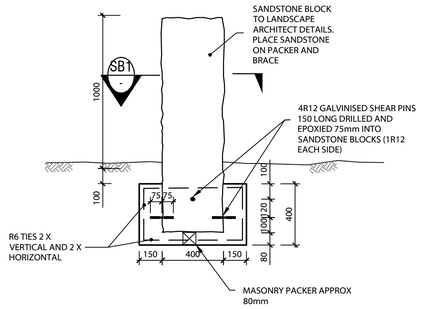
ACCESSIBLE RAMP LOCATIONS TO MOBILITY AS PER AS 2890.5:2020



REINFORCEMENT DETAIL AT STEP LOCATIONS (INTO SHOPS)

SCALE 1:20 (A1)

NOTE: WHERE POSSIBLE STEPS PROTRUDING INTO THE FOOTPATH SHOULD BE AVOIDED.

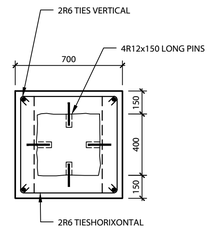


SANDSTONE BLOCK COLUMN FOOTING DETAIL

SCALE 1:20 (A1)

NOTE:

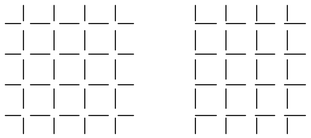
1. ALLOWABLE BEARING TO FOOTINNG 100kPa



SECTION SB1

SCALE 1:20 (A1)

NOTE 1.



NOTE:
#1 IF MESH IS CUT AT EDGE, N12 REQUIRED

NOTE:
#1 IF MESH IS NOT CUT AT EDGE, N12 WILL NOT BE REQUIRED

REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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ABN 82 153 018 800

18-130 - PART 12
FOOTPATH
SECTIONS AND DETAILS
SHEET 1

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

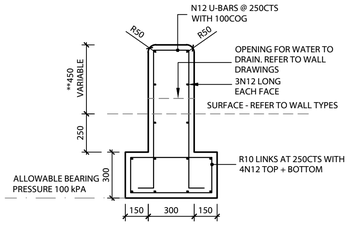
CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date

Drawing No: CONS- FT-0361 Rev 02

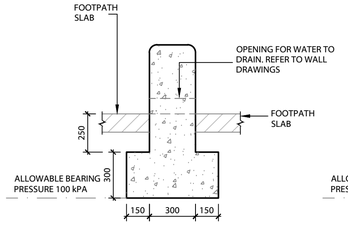
A1 SHEET



WALL REO - ALL TYPES

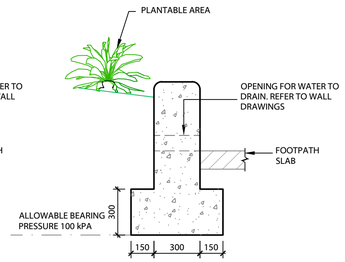
SCALE 1:20 (A1)

**PLEASE NOTE: MINIMUM WALL HEIGHT 450mm. FINAL WALL HEIGHT AND LOCATIONS WILL BE DETERMINED BY LANDSCAPE ARCHITECT. REFER TO MARA CONSULTING DRAWINGS.



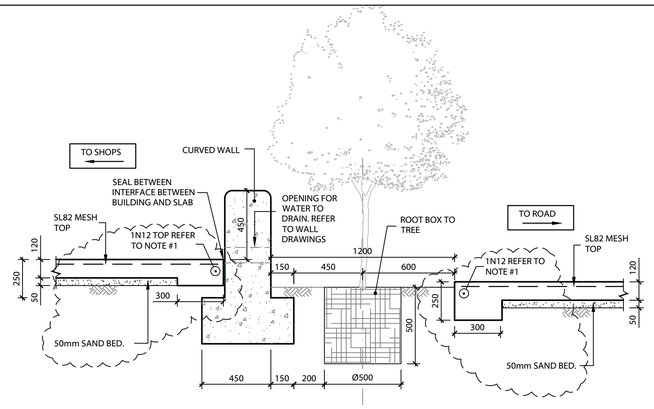
FOOTPATH WALL TYPE A

SCALE 1:20 (A1)



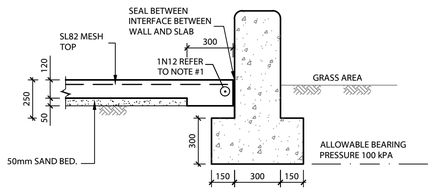
FOOTPATH WALL TYPE B

SCALE 1:20 (A1)



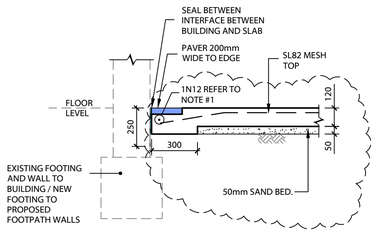
CURVED WALL - TREE DETAIL TYPE C

SCALE 1:20 (A1)



FOOTPATH WALL - TYPE D

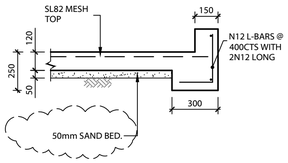
SCALE 1:20 (A1)



WALL TO SLAB INTERFACE DETAIL- EB1

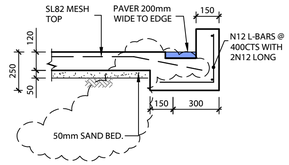
SCALE 1:20 (A1)

NOTE: PAVER LOCATION AS PER LANDSCAPE PLAN



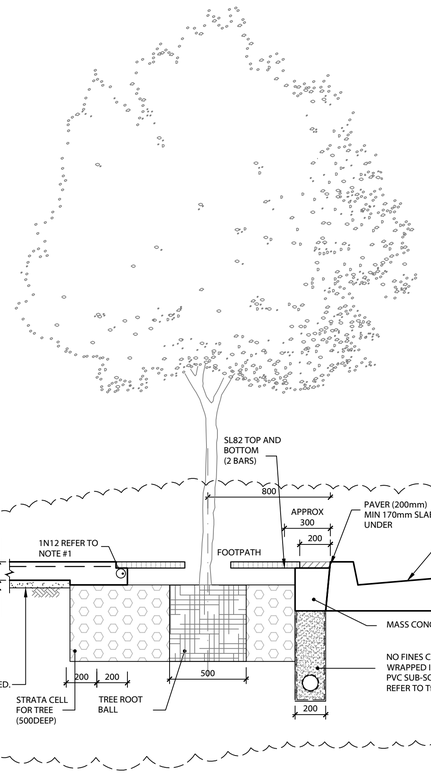
EDGE BEAM DETAIL WITH 150mm KERB - EB2

SCALE 1:20 (A1)



EDGE BEAM DETAIL WITH PAVER &150mm KERB - EB2A

SCALE 1:20 (A1)



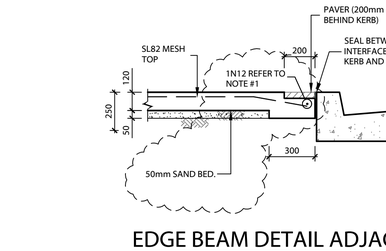
EDGE BEAM DETAIL COMMON TO TREE GRATE - EB6

SCALE 1:20 (A1)

NOTE 1.

NOTE:
#1 IF MESH IS CUT AT EDGE, N12 REQUIRED

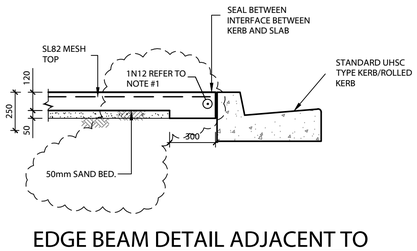
NOTE:
#1 IF MESH IS NOT CUT AT EDGE, N12 WILL NOT BE REQUIRED



EDGE BEAM DETAIL ADJACENT TO KERB & GUTTER - EB3

SCALE 1:20 (A1)

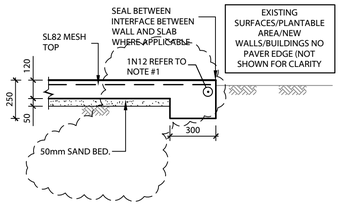
NOTE: ROLLED KERB ONLY TO ST AUBINS



EDGE BEAM DETAIL ADJACENT TO KERB & GUTTER - EB3A

SCALE 1:20 (A1)

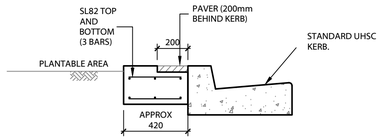
NOTE: ROLLED KERB ONLY TO ST AUBINS



EDGE BEAM DETAIL TO PLANTABLE AREA EB4

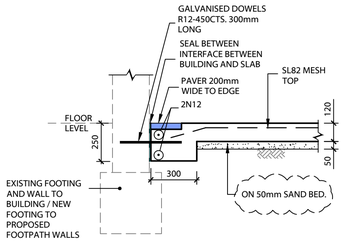
SCALE 1:20 (A1)

NOTE: SEAL BETWEEN INTERFACE BETWEEN BUILDING AND SLAB WHERE APPLICABLE



EDGE BEAM DETAIL COMMON TO LANDSCAPE & KERB GUTTER - EB5

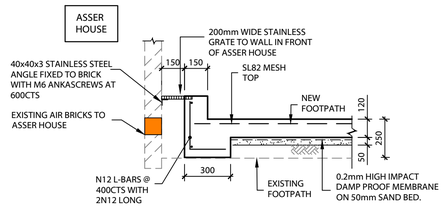
SCALE 1:20 (A1)



WALL TO SLAB INTERFACE DETAIL- EB7

SCALE 1:20 (A1)

NOTE: PAVER LOCATION AS PER LANDSCAPE PLAN



DETAIL FT01

SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
03	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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ABN 82 153 018 800

18-130 - PART 12
FOOTPATH
SECTIONS AND DETAILS
SHEET 2

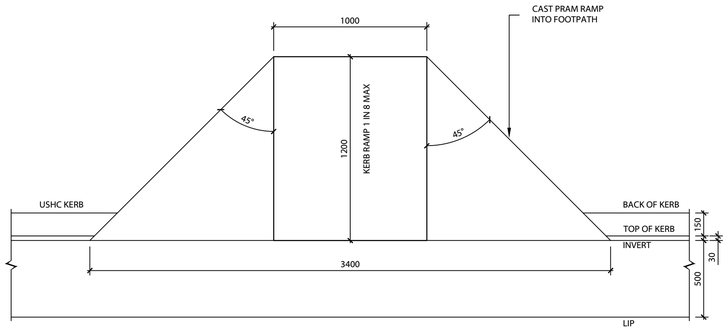
Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- FT-0362 04

A1 SHEET

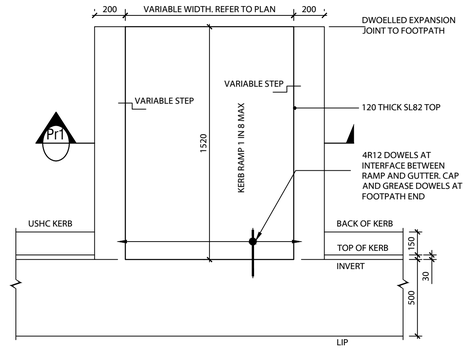


PRAM RAMP DETAIL TYPE 1

SCALE 1:20 (A1)

NOTE:

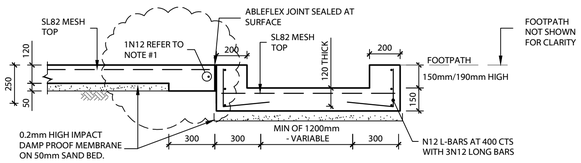
1. RAMP TO BE AT 90° TO LIP OF KERB



PRAM RAMP DETAIL TYPE 2

SCALE 1:20 (A1)

1. REFER TO PLAN FOR WIDTH OF RAMP AT LOCATIONS
2. MAX GRADE OF RAMP IS 1 IN 8
3. COUNCIL TO ASSES THE NEED FOR HANDRAILS



SECTION Pr1

SCALE 1:20 (A1)

NOTE:

1. REFER TO PLAN FOR WIDTH OF RAMP AT LOCATIONS

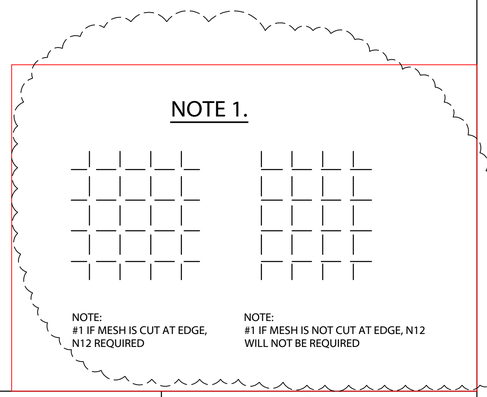
ASSUMED REBATE DEPTH 50mm TO SUIT A 40mm PAVER

ALL DOWELL JOINTS TO BE SEALED WITH A FLEXIBLE, DURABLE FILLER

ALL CONCRETE TO FOOTPATH TO HAVE A CONCRETE STRENGTH AT 28 DAYS OF 32 MPa

ALL KERB RAMPS TO COMPLY WITH AS 1428.1

ACCESSIBLE RAMP LOCATIONS TO MOBILITY AS PER AS 2890.5:2020



NOTE 1.

NOTE:
#1 IF MESH IS CUT AT EDGE, N12 REQUIRED

NOTE:
#1 IF MESH IS NOT CUT AT EDGE, N12 WILL NOT BE REQUIRED

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
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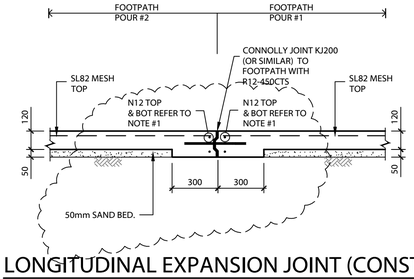
18-130 - PART 12
FOOTPATH
SECTIONS AND DETAILS
SHEET 3

Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0363	02

A1 SHEET

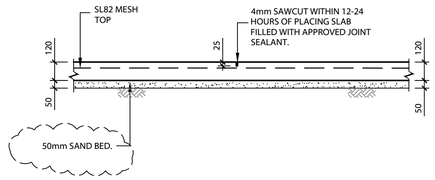


LONGITUDINAL EXPANSION JOINT (CONSTRUCTION JOINT LJ)

SCALE 1:20 (A1)

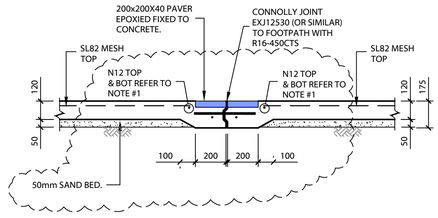
NOTE:

1. NOTE THE PROFILE HEIGHT OF KJ200 IS 180mm. PROFILE TO BE PUSHED INTO SUBGRADE 20mm



SAWCUT JOINT TO PAVEMENT- (SJ)

SCALE 1:20 (A1)



DOWELLED TRANSVERSE EXPANSION JOINT (DEJ)

SCALE 1:20 (A1)

NOTE **
PROFILE LENGTH OF EXJ12530 IS 123mm. CONCRETE THICKNESS UNDER PAVERS APPROX 135mm.

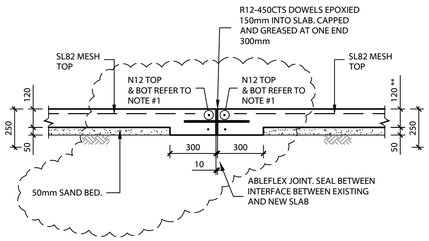
ASSUMED REBATE DEPTH 50mm TO SUIT A 40mm PAVER

ALL DOWELL JOINTS TO BE SEALED WITH A FLEXIBLE, DURABLE FILLER

ALL CONCRETE TO FOOTPATH TO HAVE A CONCRETE STRENGTH AT 28 DAYS OF 32 MPa

ALL KERB RAMPS TO COMPLY WITH AS 1428.1

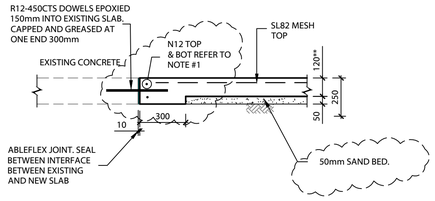
ACCESSIBLE RAMP LOCATIONS TO MOBILITY AS PER AS 2890.5:2020



DOWELLED EXPANSION JOINT - DEJ (A)

SCALE 1:20 (A1)

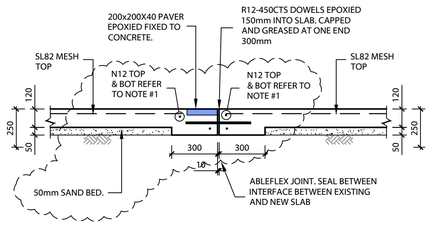
NOTE **
SLAB THICKNESS VARIABLE AS PER FOOTHPATH/VEHICULAR CROSSOVER. REFER TO DWG FT-0361.



DOWELLED EXPANSION JOINT - DEJ (B)

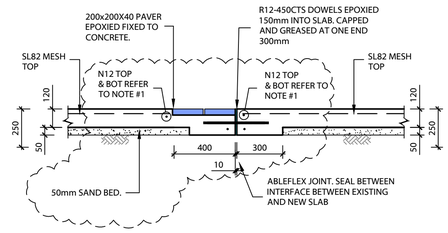
SCALE 1:20 (A1)

NOTE **
SLAB THICKNESS VARIABLE AS PER FOOTHPATH/VEHICULAR CROSSOVER. REFER TO DWG FT-0361.



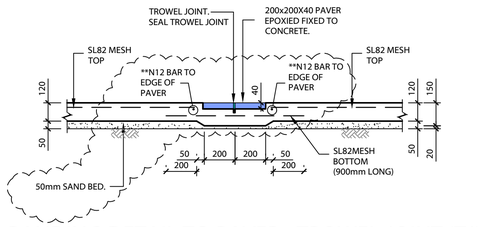
DOWELLED EXPANSION JOINT - DEJ (C)

SCALE 1:20 (A1)



DOWELLED EXPANSION JOINT - DEJ (D)

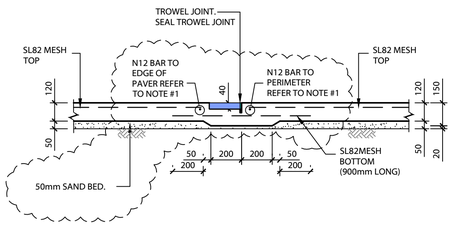
SCALE 1:20 (A1)



BANDING DETAIL TO PAVER - TROWEL JOINT (TJ)

SCALE 1:20 (A1)

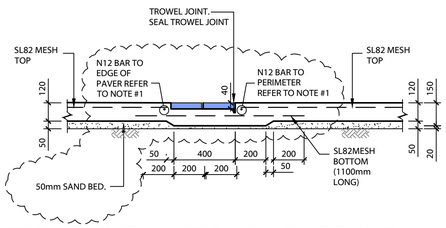
NOTE
**N12 ONLY REQUIRED IF MESH IS CUT ALONG WITH REBATE



TROWEL DETAIL - TROWEL JOINT TJG (A)

SCALE 1:20 (A1)

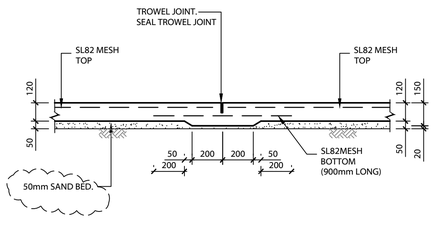
NOTE
**N12 ONLY REQUIRED IF MESH IS CUT ALONG WITH REBATE



TROWEL DETAIL - TROWEL JOINT TJG (B)

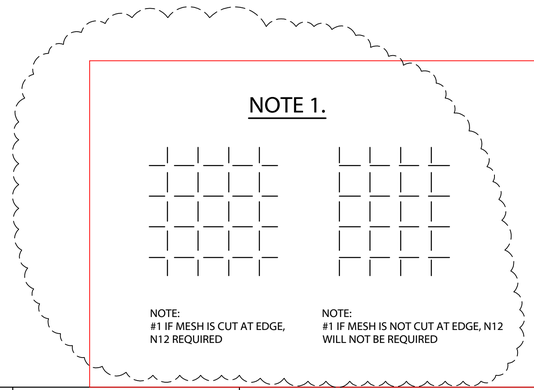
SCALE 1:20 (A1)

NOTE
**N12 ONLY REQUIRED IF MESH IS CUT ALONG WITH REBATE



TROWEL DETAIL - TROWEL JOINT TJG (C)

SCALE 1:20 (A1)



REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
03	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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18-130 - PART 12
FOOTPATH
SECTIONS AND DETAILS
SHEET 4

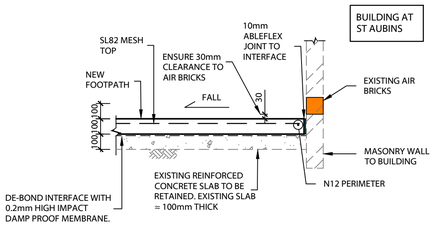
Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- FT-0364 03

A1 SHEET

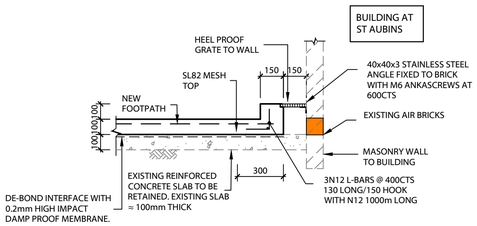


ST AUBIN'S PARK - NEW FOOTPATH SLAB OVER EXISTING REINFORCED SLAB - TYPE 1

SCALE 1:20 (A1)

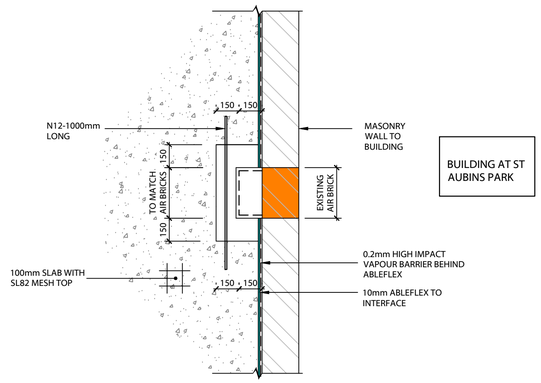
NOTE

1. DETAIL ONLY APPLIES FOR SLABS THAT ARE RE-INFORCED. RETAINING OF SLAB TO BE APPROVED BY COUNCILS REPRESENTATIVE.
2. IF 30mm CLEARANCE IS NOT ADVISED TO EXISTING AIR BRICK, 150mm WIDE KERB AND GRATE IS REQUIRED. REFER TO TYPE 1A DETAIL.



ST AUBIN'S PARK - NEW FOOTPATH SLAB OVER EXISTING REINFORCED SLAB - TYPE 1A

SCALE 1:20 (A1)



DETAIL AT AIR BRICK LOCATIONS (ST AUBINS)

SCALE 1:20 (A1)

NOTE: WHERE POSSIBLE STEPS PROTRUDING INTO THE FOOTPATH SHOULD BE AVOIDED.

ASSUMED REBATE DEPTH 50mm TO SUIT A 40mm PAVER

ALL DOWELL JOINTS TO BE SEALED WITH A FLEXIBLE, DURABLE FILLER

ALL CONCRETE TO FOOTPATH TO HAVE A CONCRETE STRENGTH AT 28 DAYS OF 32 MPa

ALL KERB RAMPS TO COMPLY WITH AS 1428.1

ACCESSIBLE RAMP LOCATIONS TO MOBILITY AS PER AS 2890.5:2020

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	25/10/2023	CA				

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18-130 - PART 12
FOOTPATH
SECTIONS AND DETAILS
SHEET 5

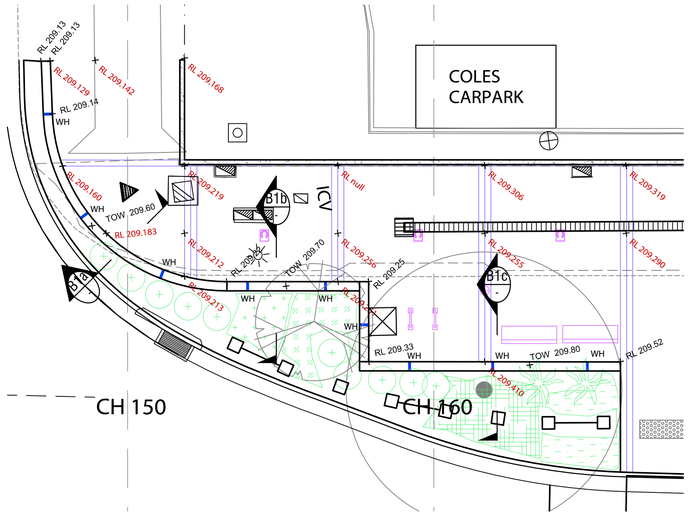
Scale
Horizontal:
0 200 400 600 800 1000
SCALE 1:20 (A1)

CIVIL DRAWING

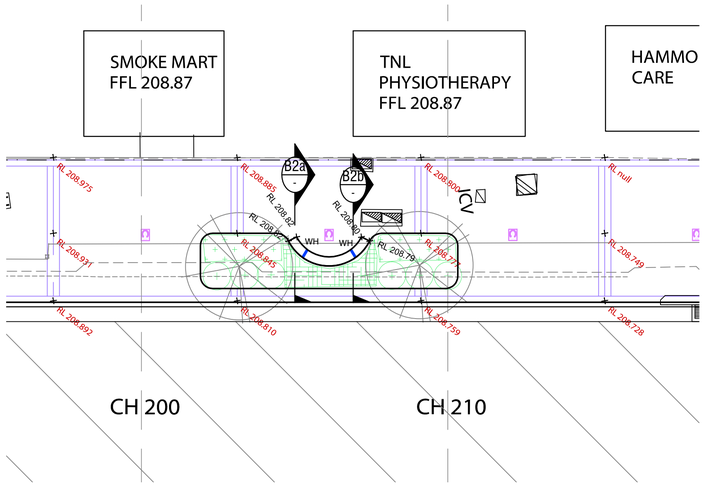
Designed	BH
Drawn	CA
Datum	NIL
Date	OCT 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- FT-0365 01

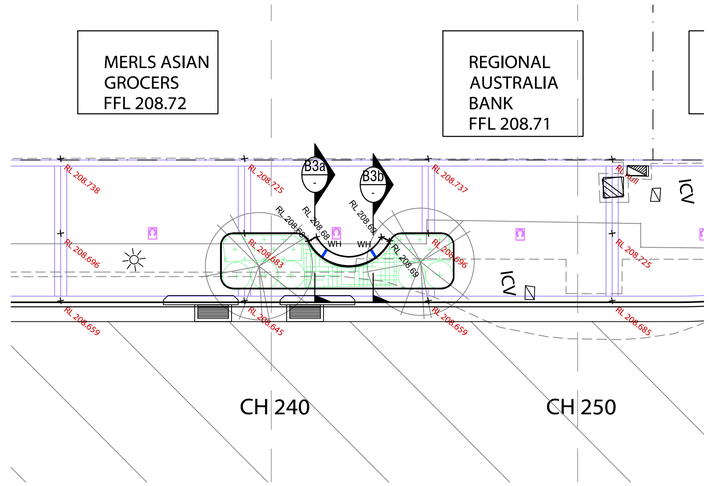
A1 SHEET



WALL B1W/TYPE B
SCALE: 1:100 (A1)



WALL B2W/TYPE D
SCALE: 1:100 (A1)

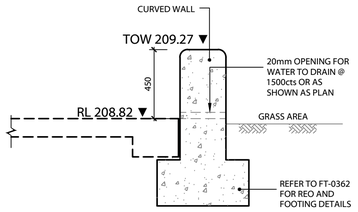


WALL B3W/ TYPE D
SCALE: 1:100 (A1)

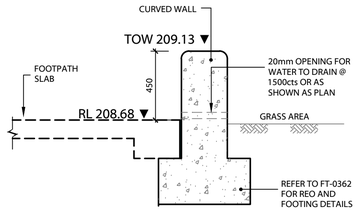
WH — DENOTES PROPOSED LOCATION OF WEEPHOLES

CONCRETE STRENGTH AT 28DAYS FOR ALL WALLS AND WALL FOOTINGS TO BE 25MPa

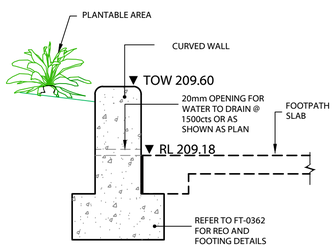
ALL WALLS EXCEPT AT COLES TO BE 450MM BELOW FROM HIGHEST POINT OF FOOTPATH AND LEVEL



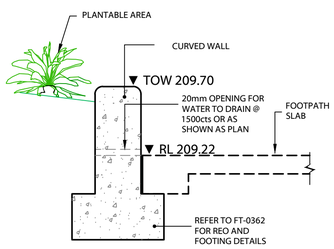
SECTION B2a- WALL B2W - TYPE D
SCALE 1:20 (A1)



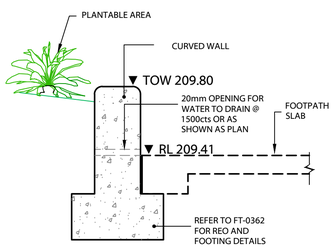
SECTION B3a- WALL B3W - TYPE D
SCALE 1:20 (A1)



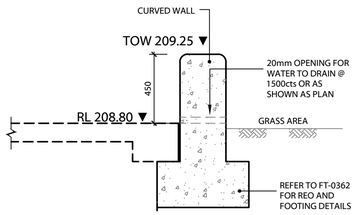
SECTION B1a - WALL B1W - TYPE B
SCALE 1:20 (A1)



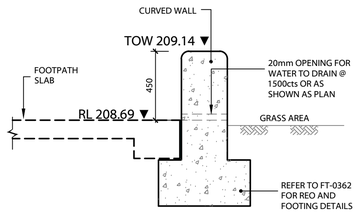
SECTION B1b- WALL B1W - TYPE B
SCALE 1:20 (A1)



SECTION B1c- WALL B1W - TYPE B
SCALE 1:20 (A1)



SECTION B2b WALL B2W - TYPE D
SCALE 1:20 (A1)



SECTION B3b- WALL B3W - TYPE D
SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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18-130 - PART 12
FOOTPATH - WEST
WALL SECTIONS & DETAILS
SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

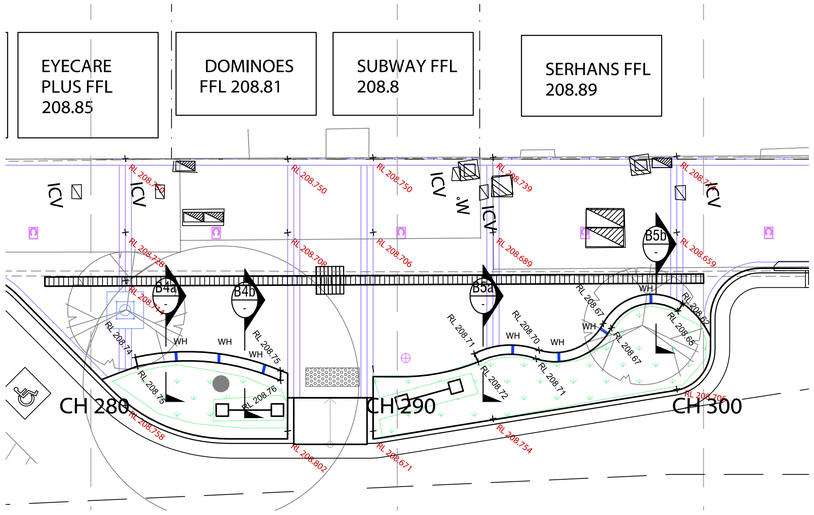
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0371	02

A1 SHEET

WH DENOTES PROPOSED LOCATION OF WEEPHOLES

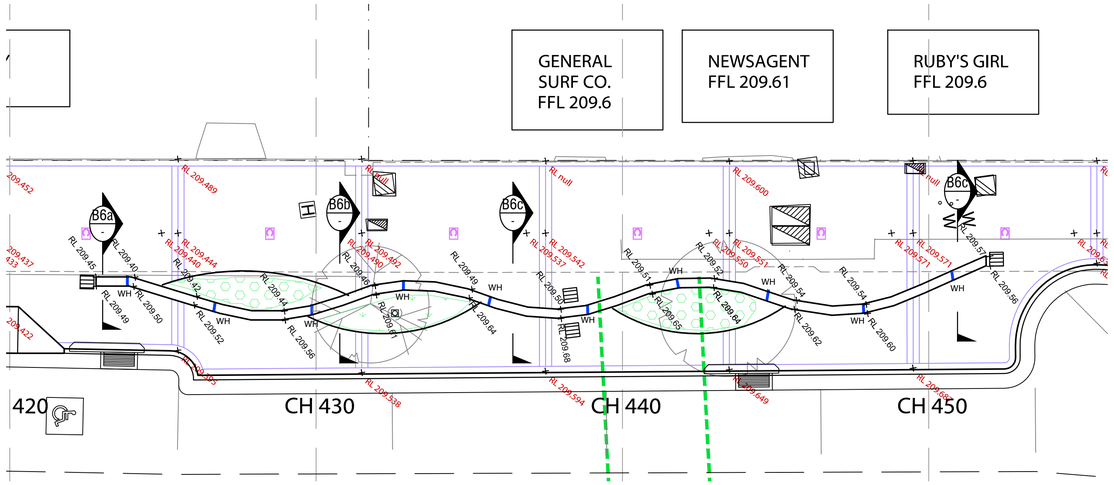
CONCRETE STRENGTH AT 28DAYS FOR ALL WALLS AND WALL FOOTINGS TO BE 25MPa

ALL WALLS EXCEPT AT COLES TO BE 450MM BELOW FROM HIGHEST POINT OF FOOTPATH AND LEVEL



WALL B4W/TYPE D AND B5W/TYPE D

SCALE: 1:100 (A1)



WALL B6W/TYPE C

SCALE: 1:100 (A1)

SECTION B4a- WALL B4W - TYPE D

SCALE 1:20 (A1)

SECTION B5a- WALL B5W - TYPE D

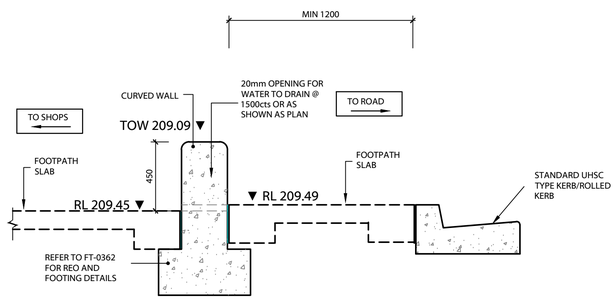
SCALE 1:20 (A1)

SECTION B4b- WALL B4W - TYPE D

SCALE 1:20 (A1)

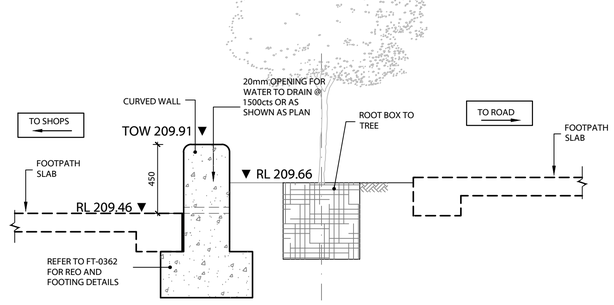
SECTION B5b- WALL B5W - TYPE D

SCALE 1:20 (A1)



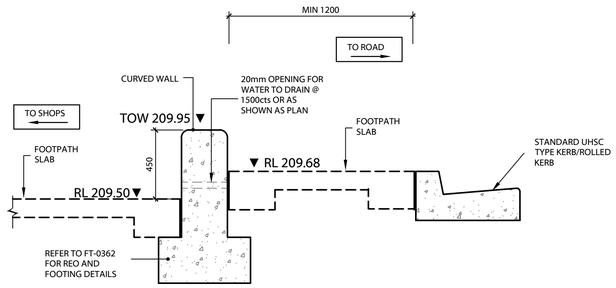
SECTION B6a- WALL B6/W TYPE C1

SCALE 1:20 (A1)



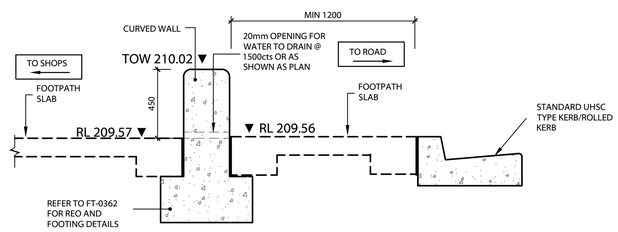
SECTION B6b- WALL B6/W TYPE C2

SCALE 1:20 (A1)



SECTION B6c- WALL B6/W TYPE C1

SCALE 1:20 (A1)



SECTION B6d- WALL B6/W TYPE C1

SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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ABN 82 153 018 800

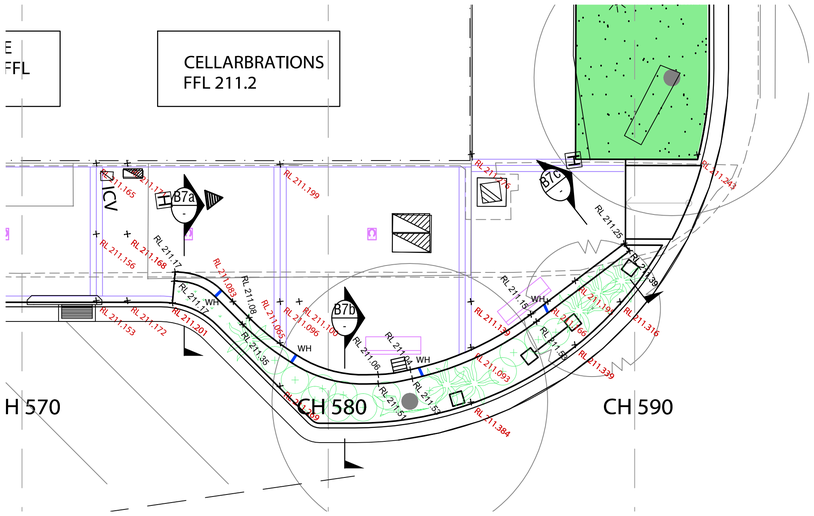
18-130 - PART 12
FOOTPATH - WEST
WALL SECTIONS & DETAILS
SHEET 2

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

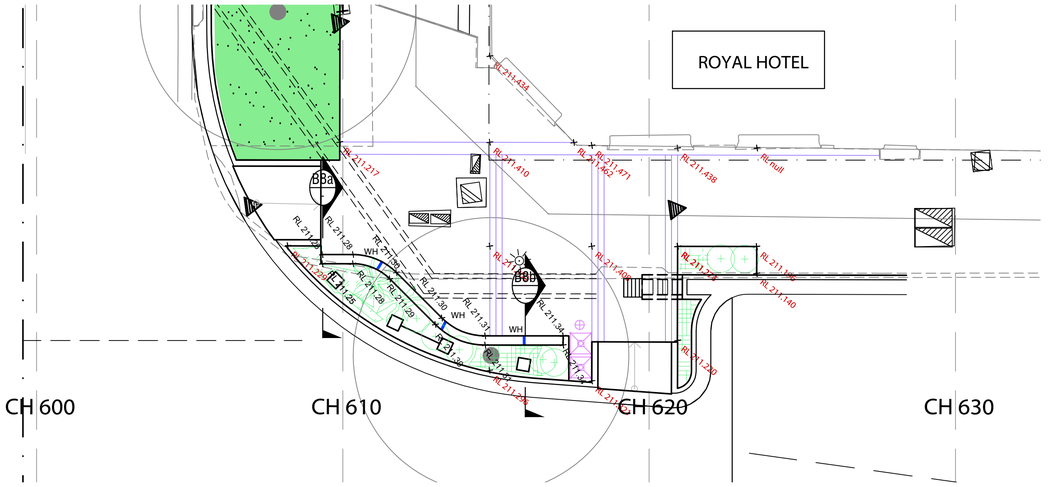
CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0372	02

A1 SHEET



WALL B7W/TYPE D
SCALE: 1:100 (A1)

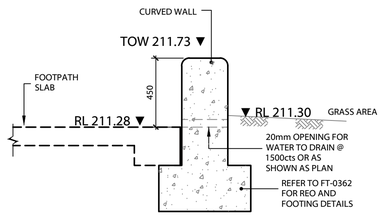


WALL B8W/TYPE D
SCALE: 1:100 (A1)

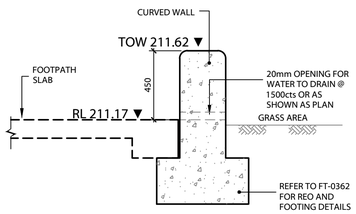
WH DENOTES PROPOSED LOCATION OF WEEPHOLES

CONCRETE STRENGTH AT 28DAYS FOR ALL WALLS AND WALL FOOTINGS TO BE 25MPa

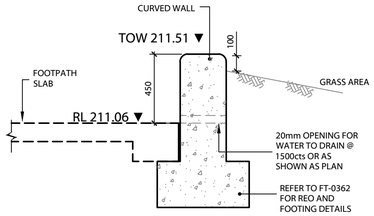
ALL WALLS EXCEPT AT COLES TO BE 450MM BELOW FROM HIGHEST POINT OF FOOTPATH AND LEVEL



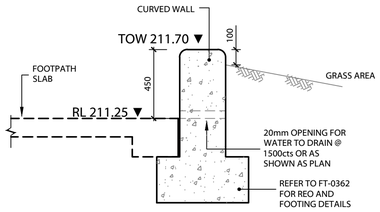
SECTION B8a-
WALL B8W - TYPE D
SCALE 1:20 (A1)



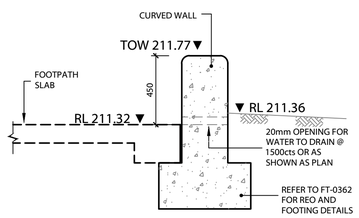
SECTION B7a-
WALL B7W - TYPE D
SCALE 1:20 (A1)



SECTION B7b-
WALL B7W - TYPE D
SCALE 1:20 (A1)



SECTION B7c-
WALL B7W - TYPE D
SCALE 1:20 (A1)



SECTION B8b-
WALL B8W - TYPE D
SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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18-130 - PART 12
FOOTPATH - WEST
WALL SECTIONS & DETAILS
SHEET 3

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

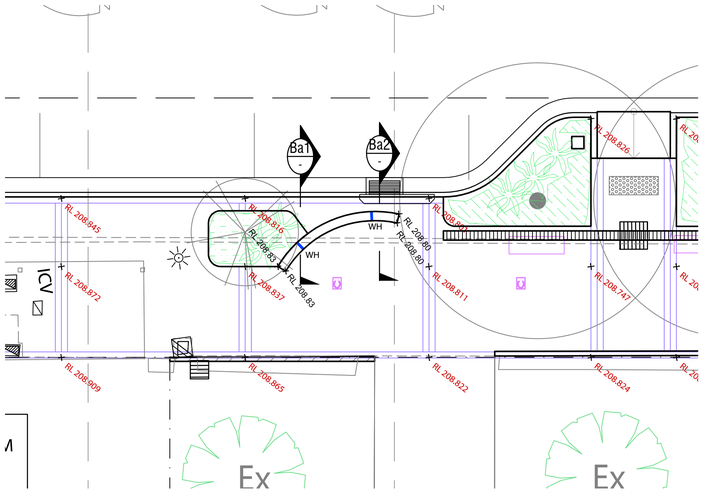
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0373	02

A1 SHEET

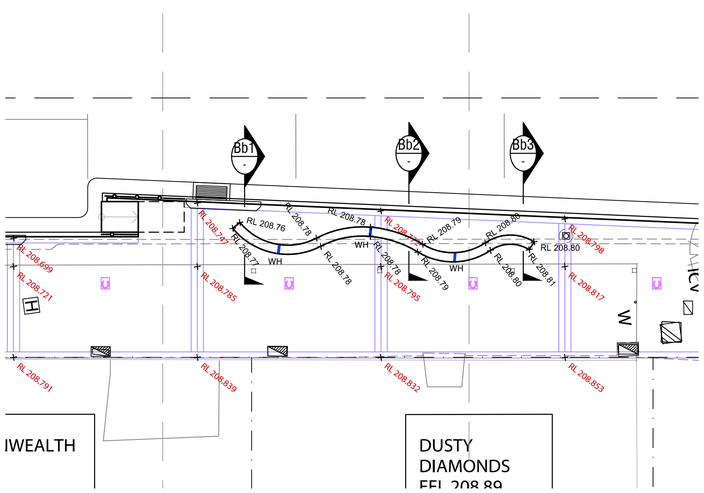
WH — DENOTES PROPOSED LOCATION OF WEEPHOLES

CONCRETE STRENGTH AT 28DAYS FOR ALL WALLS AND WALL FOOTINGS TO BE 25MPa

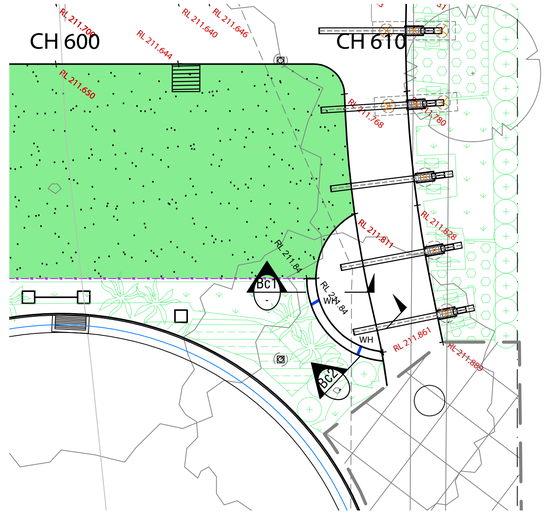
ALL WALLS EXCEPT AT COLES TO BE 450MM BELOW FROM HIGHEST POINT OF FOOTPATH AND LEVEL



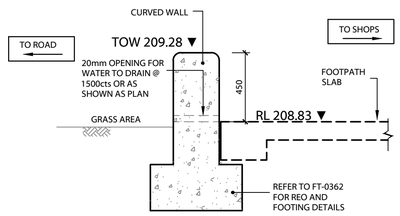
WALL B1E/TYPE D
SCALE: 1:100 (A1)



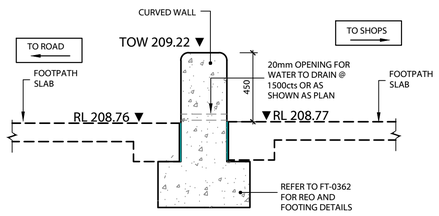
WALL B2E/TYPE A
SCALE: 1:100 (A1)



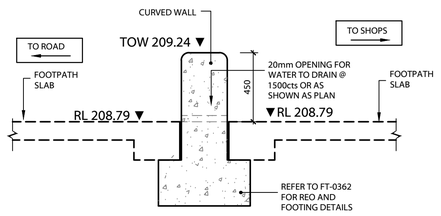
WALL B3W/ TYPE D
SCALE: 1:100 (A1)



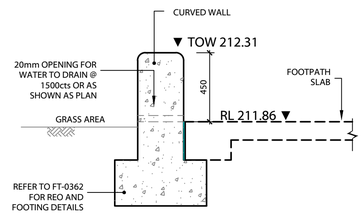
SECTION Ba1 - WALL B1E - TYPE D
SCALE 1:20 (A1)



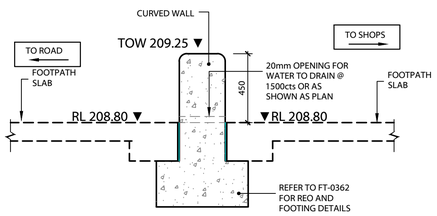
SECTION Bb1 - WALL B2E - TYPE A
SCALE 1:20 (A1)



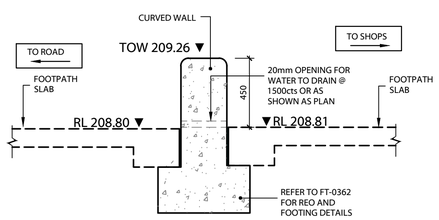
SECTION Bb2 - WALL B2E - TYPE A
SCALE 1:20 (A1)



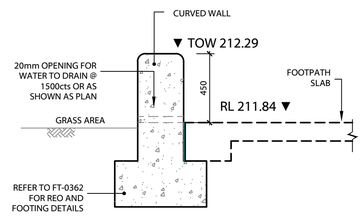
SECTION Bc1 - WALL B3E - TYPE D
SCALE 1:20 (A1)



SECTION Ba2 - WALL B1E - TYPE D
SCALE 1:20 (A1)



SECTION Bb3 - WALL B2E - TYPE A
SCALE 1:20 (A1)



SECTION Bc2 - WALL B3E - TYPE D
SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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ABN 82 153 018 800

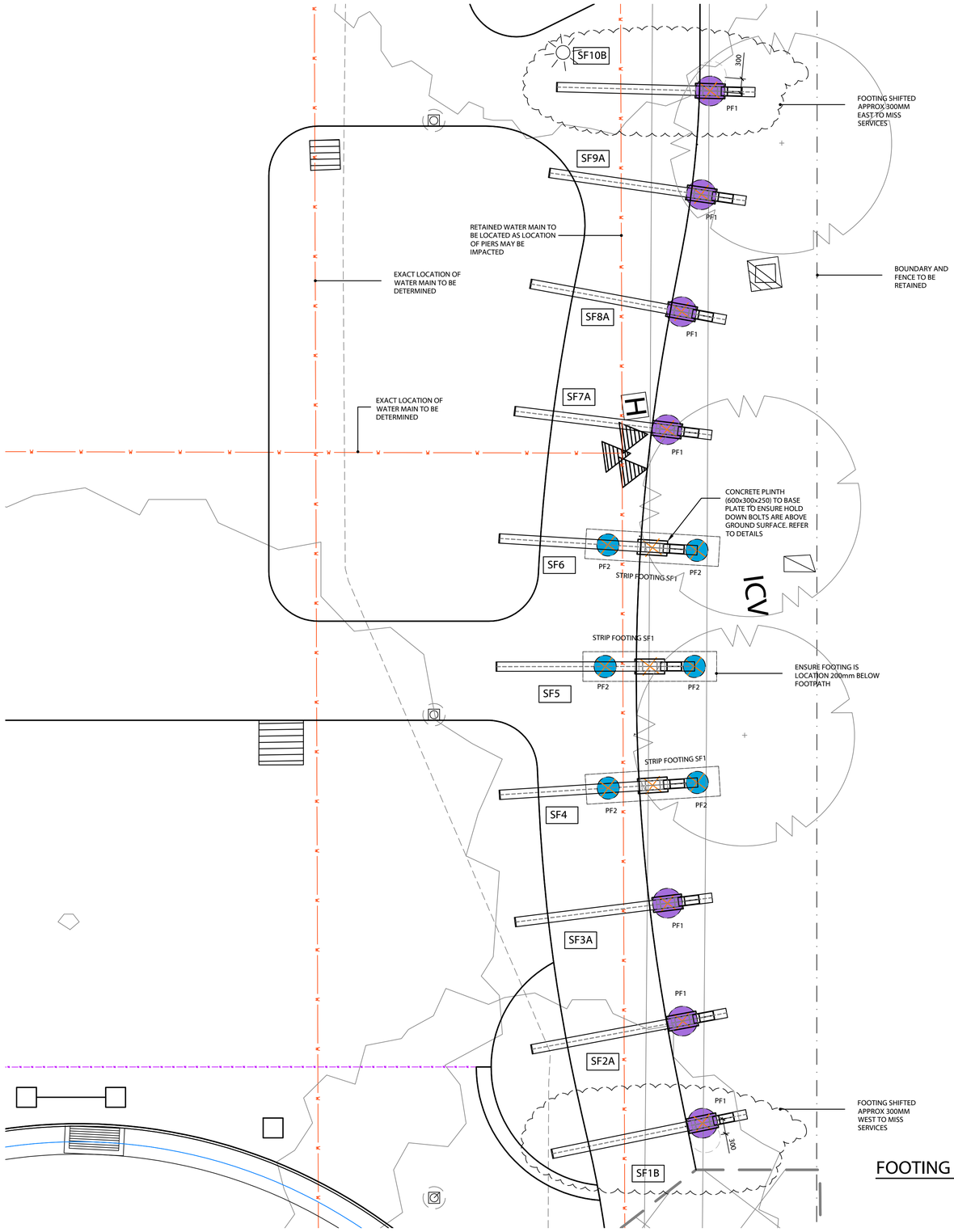
18-130 - PART 12
FOOTPATH - EAST
WALL SECTIONS & DETAILS
SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	OCT 23	CONS- FT-0381	02

A1 SHEET



FOOTING LAYOUT PLAN

LEGEND

PF1 - PIER FOOTING PF1 Ø600x3000mm DEEP CONCRETE PIER WITH 8N20 WITH N12 TIES AT 300CTS

PF2 - PIER FOOTING PF2 Ø450x1600mm DEEP CONCRETE PIER WITH 6N12 AND R10 TIES AT 300CTS

W — DENOTES EXISTING WATER MAIN RETICULATION TO BE RETAINED. LOCATION TO BE CONFIRMED ONSITE PRIOR TO CONSTRUCTION.

DENOTES CONSTRUCTION SET OF TRELLIS. 750mm FROM EDGE OF FOOTPATH (TYP)

SF---- DENOTES FOUNDATION NUMBER. REFER TO FT-0410 FOR FOOTING AND PIER HEIGHTS AND DEPTHS

STRIP FOOTING	DEPTH	WIDTH	LENGTH
SF1	800	450	2700
REINFORCEMENT	TOP	BOTTOM	TIES
SF1	4N12	4N12	R10 200CTS
ALLOWABLE BEARING CAPACITY AT FOOTING LEVEL:			
PF1		250kPa	
PF2		220kPa	

REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	25/10/2023	CA
03	ISSUED FOR CONSTRUCTION	28/07/2023	CA
02	ISSUED FOR CONSTRUCTION	20/06/2023	CA
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A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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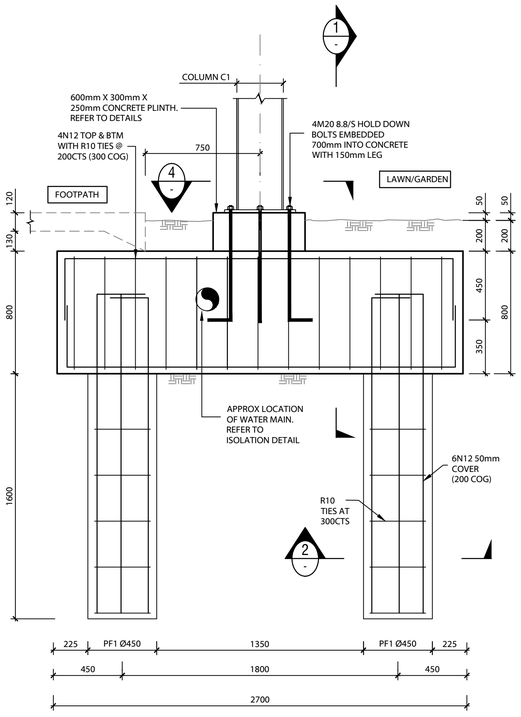
18-130 - PART 12
ST AUBINS STREET TRELLIS
FOOTING PLAN
SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

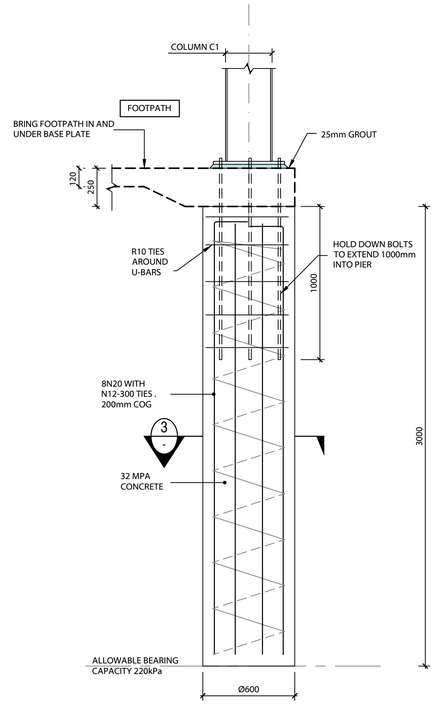
Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	AUG 23	CONS- FT-0401	04

A1 SHEET



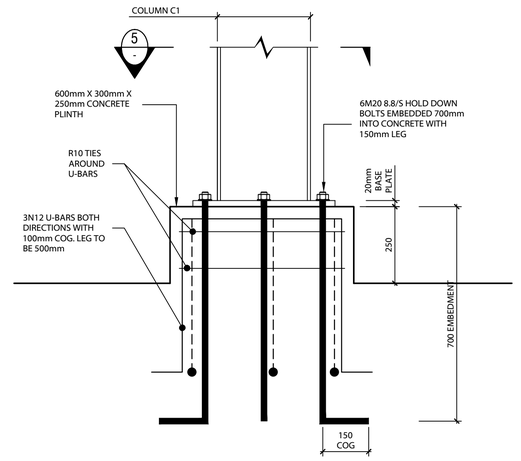
STRIP FOOTING SF1

SCALE 1:20 (A1)



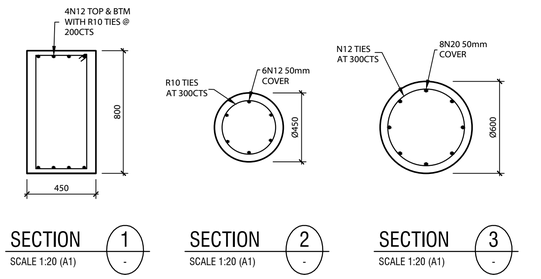
PIER FOOTING TYPE PF1 TO ST AUBINS TRELLIS

SCALE 1:20 (A1)



PLINTH TO TRELLIS DETAILS

SCALE 1:10 (A1)



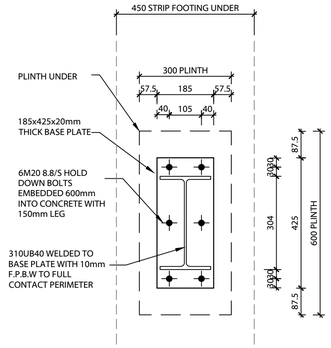
SECTION 1 - SCALE 1:20 (A1)

SECTION 2 - SCALE 1:20 (A1)

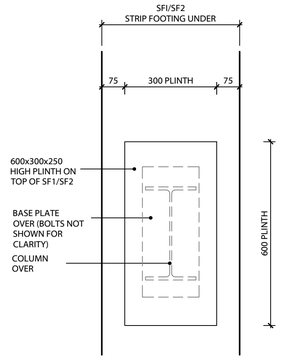
SECTION 3 - SCALE 1:20 (A1)

NOTE: PLINTH NOT SHOWN FOR CLARITY

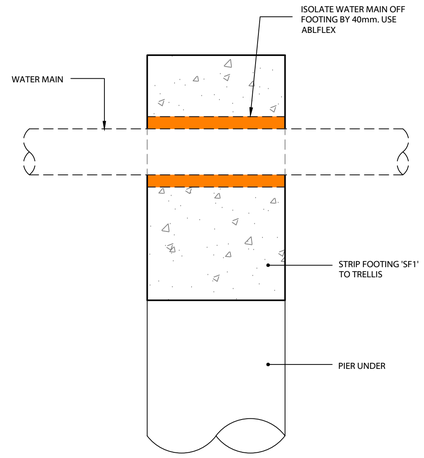
NOTE: PLINTH NOT SHOWN FOR CLARITY



SECTION 4 - SCALE 1:10 (A1) — TYPICAL BASE PLATE DETAIL



SECTION 5 - SCALE 1:10 (A1)



WATERMAIN ISOLATION DETAIL TO TRELLIS FOOTING

SCALE 1:10 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	28/07/2023	CA				
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA				
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA				
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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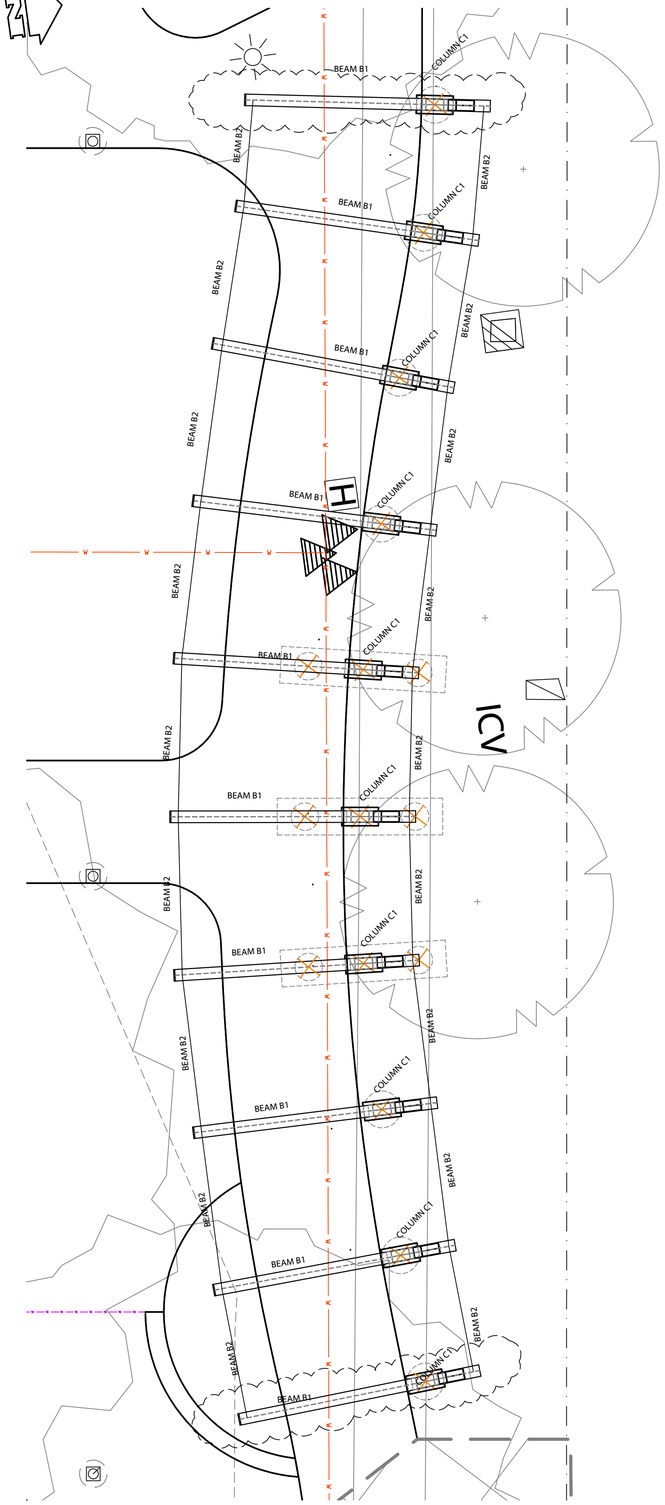
18-130 - PART 12
ST AUBINS STREET TRELLIS
FOOTING DETAILS
SHEET 2

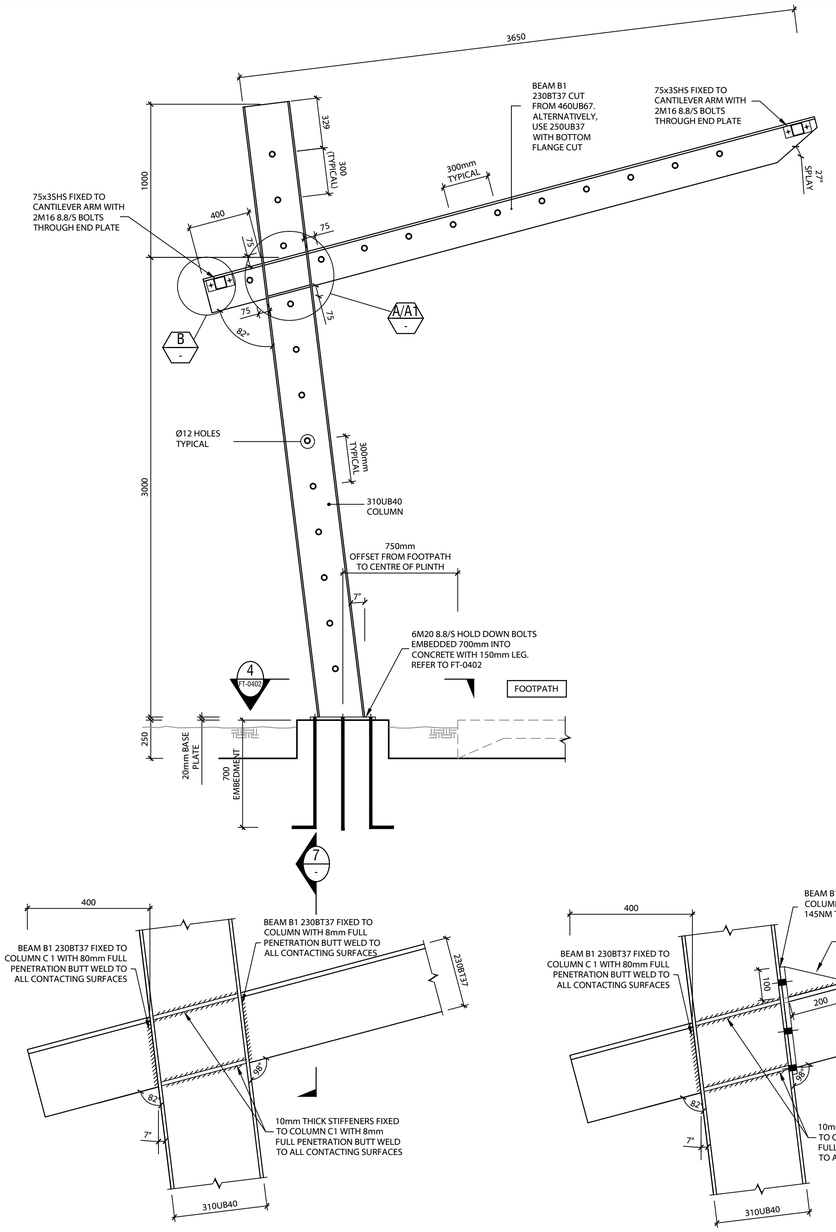
Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

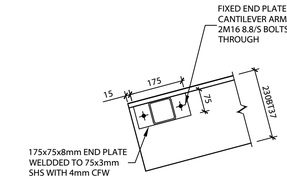
CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	JULY 23	CONS- FT-0402	04

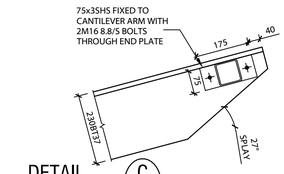
A1 SHEET



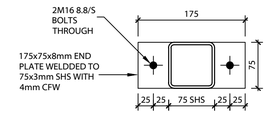




DETAIL B - SCALE 1:10 (A1) — TYPICAL BEAM B2 75x3SHS FIXED TO CANTILEVER ARM



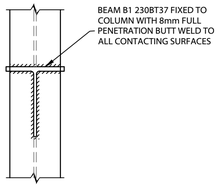
DETAIL C - SCALE 1:10 (A1) — TYPICAL BEAM B2 75x3SHS FIXED TO CANTILEVER ARM



END PLATE TO TRELLIS

SCALE 1:5 (A1)

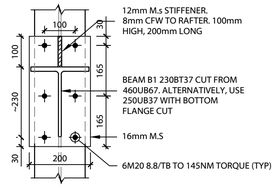
DETAIL A - SCALE 1:10 (A1)



SECTION 7 - SCALE 1:20 (A1)

7A

DETAIL A1 - SCALE 1:10 (A1) — ALTERNATIVE BOLTED RAFTER COLUMN CONNECTION



SECTION 7A - SCALE 1:20 (A1) — ALTERNATIVE BOLTED RAFTER COLUMN CONNECTION

REV	DESCRIPTION	DATE	BY
04	ISSUED FOR CONSTRUCTION	25/10/2023	CA
03	ISSUED FOR CONSTRUCTION	20/06/2023	CA
02	ISSUED FOR CONSTRUCTION	05/05/2023	CA
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA

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18-130 - PART 12
ST AUBINS STREET TRELLIS
STEEL FRAMING PLAN AND DETAILS SHEET 1

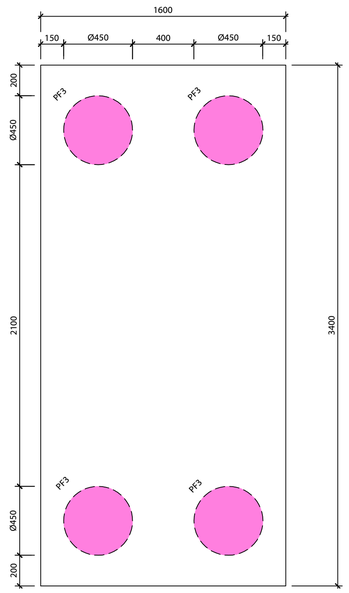
Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	AUG 23	CONS- FT-0403	04

A1 SHEET

ENSURE COUNCIL WATER MAINS ARE LOCATED PRIOR TO INSTALLATION OF PIERS

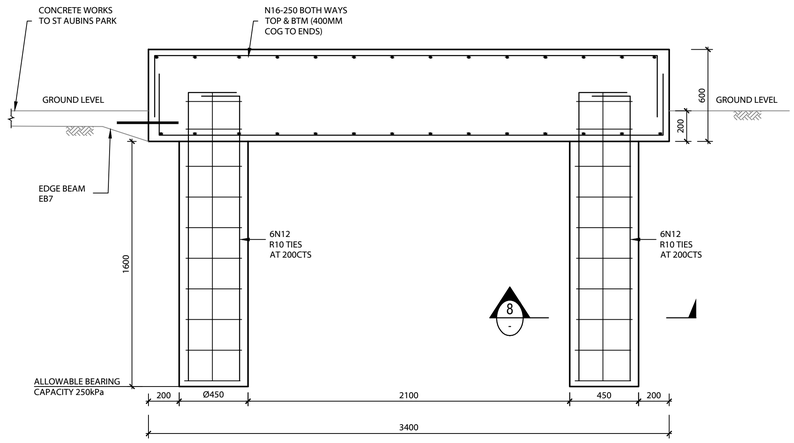


CONCRETE PLINTH PLAN- ST AUBINS PARK

SCALE 1:20 (A1)

NOTE:

1. FINAL DIMENSIONS TBC PRIOR TO CONSTRUCTION
2. LOCATION AND DIMENSIONS TO CONCRETE PLINTH AS PER LANDSCAPE ARCHITECT AND TBC CONFIRMED TO CONSTRUCTION
3. WEIGHT OF STATUE TBC PRIOR TO CONSTRUCTION

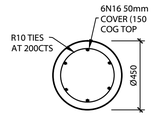


CONCRETE PLINTH ELEVATION - ST AUBINS PARK

SCALE 1:20 (A1)

NOTE:

1. ** FINAL DIMENSIONS TBC PRIOR TO CONSTRUCTION
2. LOCATION AND DIMENSIONS TO CONCRETE PLINTH AS PER LANDSCAPE ARCHITECT AND TBC CONFIRMED TO CONSTRUCTION
3. WEIGHT OF STATUE TBC PRIOR TO CONSTRUCTION



SECTION 8 / -

SCALE 1:20 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRUCTION	31/03/2023	CA				

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18-130 - PART 12
ST AUBINS STREET
CONCRETE PLINTH
DETAILS SHEET 1

Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- FT-0404	01

A1 SHEET

Footing Number	Level to Top of Plynth	Level to Top of Footing	Level at Base of Footing	Level to Top of Pier	Level at Base of Pier	Footing Type	Approx. Invert Level of Exist Watermain.
SF1B	211.880	N/A	N/A	211.630	208.630	Ø600mm x 3000mm pier footing	N/A
SF2A	211.850	N/A	N/A	211.600	208.600	Ø600mm x 3000mm pier footing	N/A
SF3A	211.820	N/A	N/A	211.570	208.570	Ø600mm x 3000mm pier footing	N/A
SF4	211.790	211.540	210.740	210.790	209.140	800mm deep strip footing with Ø450mm x 1600mm deep piers.	211.050
SF5	211.750	211.500	210.700	210.750	209.100	800mm deep strip footing with Ø450mm x 1600mm deep piers.	210.980
SF6	211.720	211.470	210.670	210.720	209.070	800mm deep strip footing with Ø450mm x 1600mm deep piers.	210.920
SF7A	211.690	N/A	N/A	211.440	208.440	Ø600mm x 3000mm pier footing	N/A
SF8A	211.660	N/A	N/A	211.410	208.410	Ø600mm x 3000mm pier footing	N/A
SF9A	211.630	N/A	N/A	211.380	208.380	Ø600mm x 3000mm pier footing	N/A
SF10B	211.620	N/A	N/A	211.370	208.370	Ø600mm x 3000mm pier footing	N/A

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
02	ISSUED FOR CONSTRUCTION	25/10/2023	CA				
01	ISSUED FOR CONSTRUCTION	28/07/2023	CA				

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18-130 - PART 12
ST AUBINS STREET TRELLIS
FOOTING HEIGHTS
SHEET 1

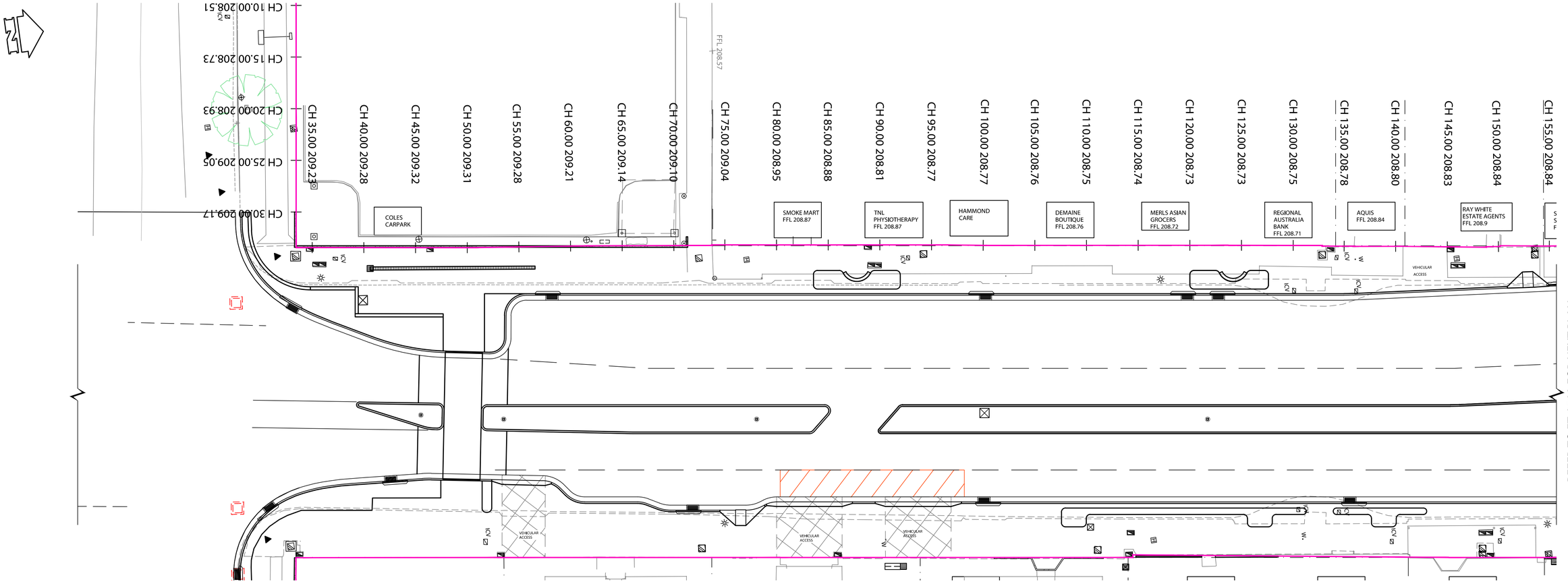
Scale
Horizontal:
0 1 2 3 4 5
SCALE 1:100 (A1)

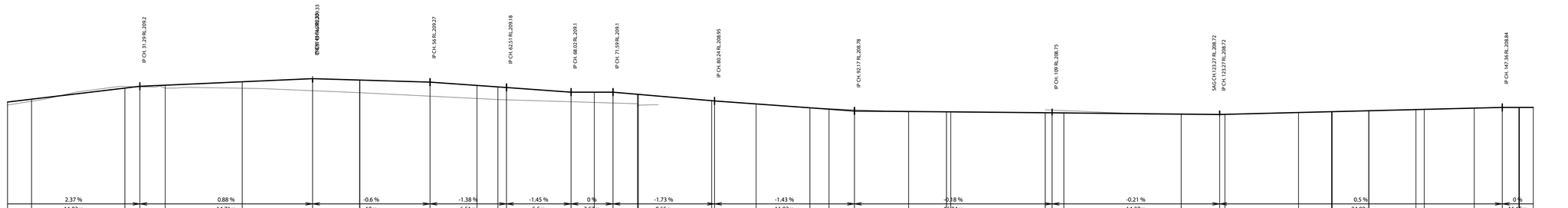
CIVIL DRAWING

Designed	BH
Drawn	CA
Datum	NIL
Date	AUG 23

Approved on behalf of RHM Consulting Engineers
Project Engineer/Director Date
Drawing No: Rev
CONS- FT-0410 02

A1 SHEET





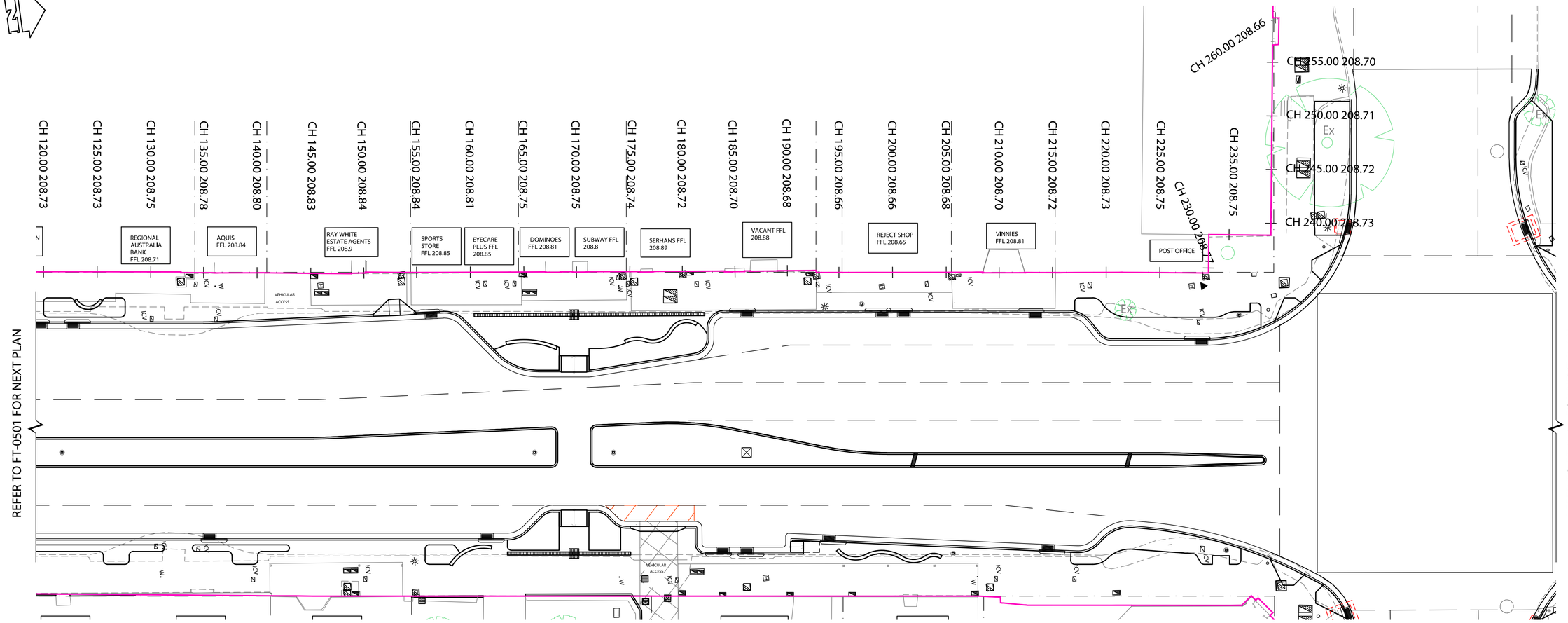
Vertical Geometry Grade (%)
Vertical Grade Length

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L.206.00

| | | |

A1 SHEET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CH 125.00 208.73
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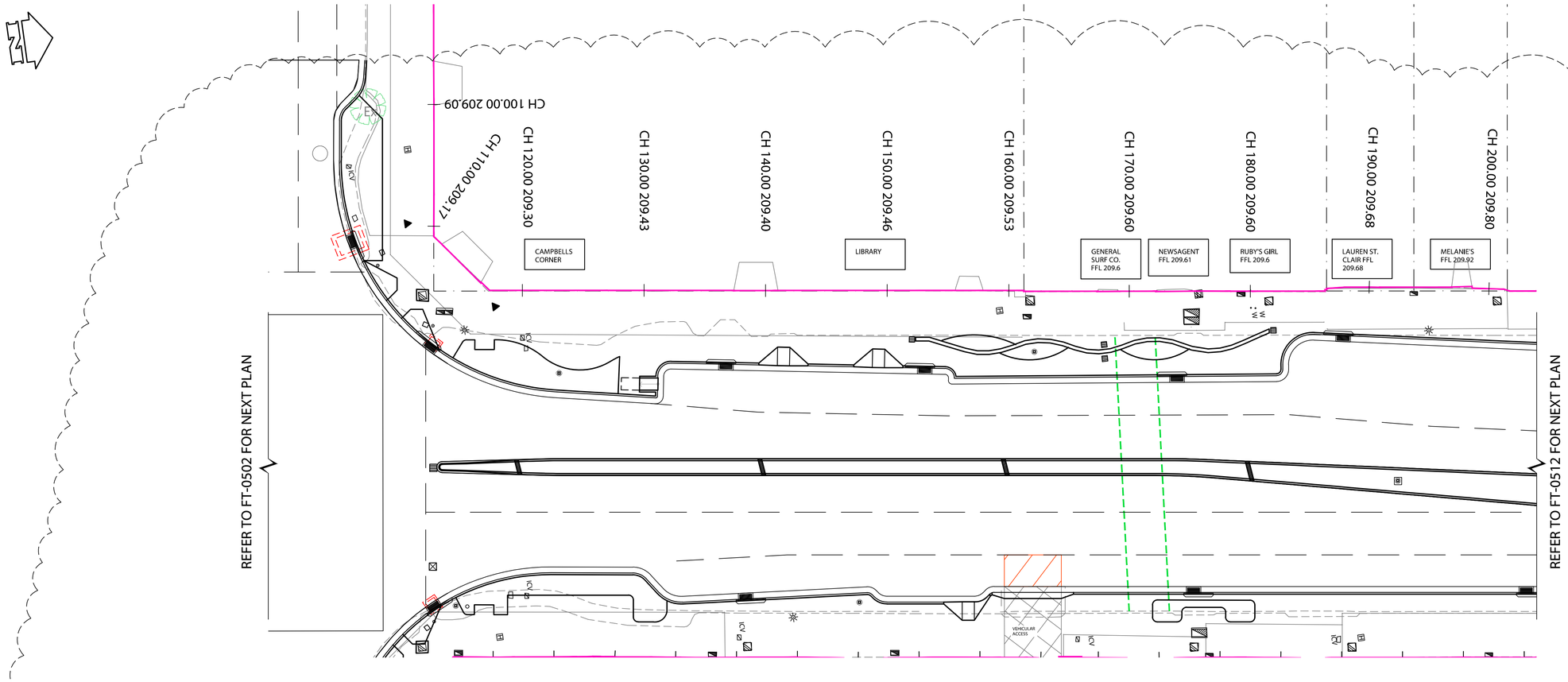
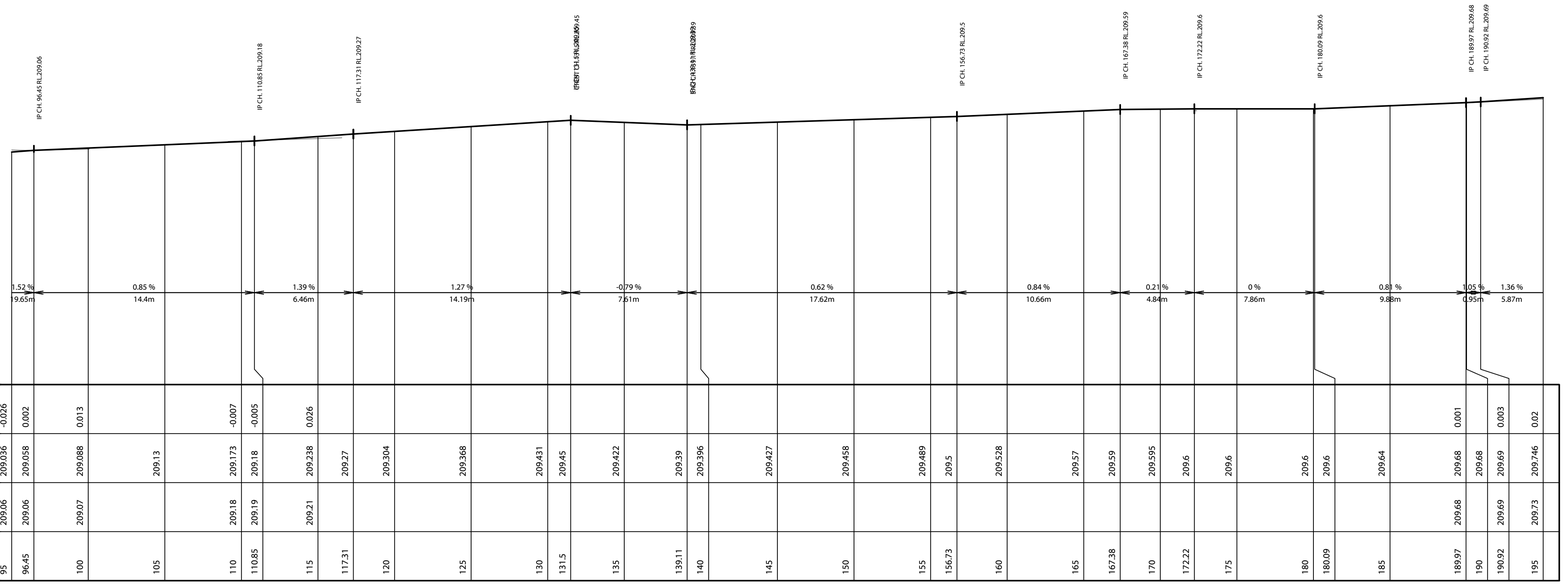
CH 245.00 208.72
CH 250.00 208.71
CH 255.00 208.70
CH 260.00 208.66
REGIONAL AUSTRALIA BANK FFL 208.71
AQUIS FFL 208.84
RAY WHITE ESTATE AGENTS FFL 208.9
SPORTS STORE FFL 208.85
EYECARE PLUS FFL 208.85
DOMINOES FFL 208.81
SUBWAY FFL 208.8
SERHANS FFL 208.89
VACANT FFL 208.88
REJECT SHOP FFL 208.65
VINNIES FFL 208.81
POST OFFICE
VEHICULAR ACCESS
VEHICULAR ACCESS
Ex
Ex
Ex

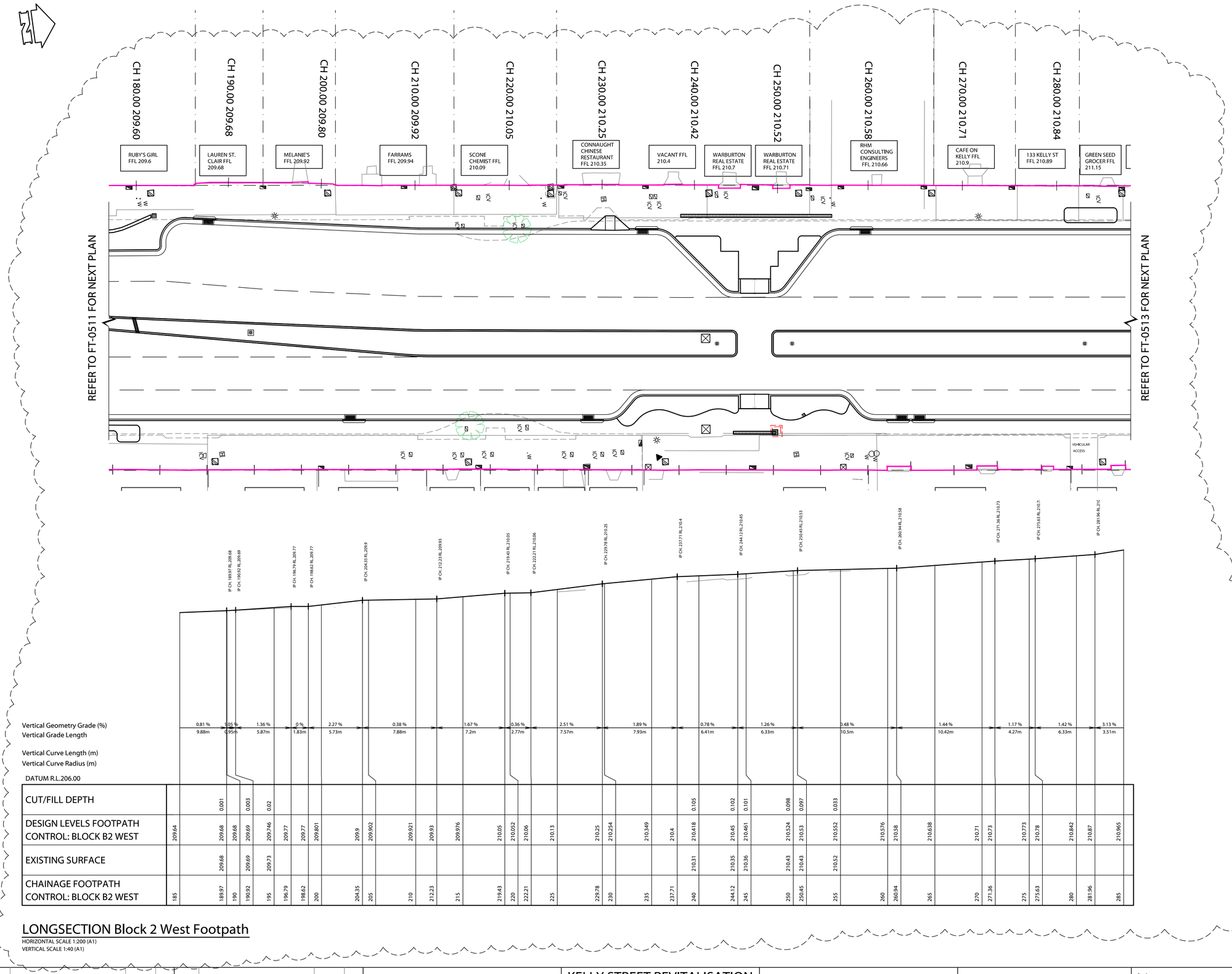
A1 SHEET


CH 100.00 209.09
CH 110.00 209.17
CH 120.00 209.30
CH 130.00 209.43
CH 140.00 209.40
CH 150.00 209.46
CH 160.00 209.53
CH 170.00 209.60
CH 180.00 209.60
CH 190.00 209.68
CH 200.00 209.80
CAMPBELLS CORNER
LIBRARY
GENERAL SURF CO. FFL 209.6
NEWSAGENT FFL 209.61
RUBY'S GIRL FFL 209.6
LAUREN ST. CLAIR FFL 209.68
MELANIE'S FFL 209.92
REFER TO FT-0502 FOR NEXT PLAN
REFER TO FT-0512 FOR NEXT PLAN
VEHICULAR ACCESS


IP CH. 96.45 RL.209.06
IP CH. 110.85 RL.209.18
IP CH. 117.31 RL.209.27
IP CH. 156.73 RL.209.5
IP CH. 167.38 RL.209.59
IP CH. 172.22 RL.209.6
IP CH. 180.09 RL.209.6
IP CH. 189.97 RL.209.68
IP CH. 190.92 RL.209.69

| | | |

A1 SHEET



Vertical Geometry Grade (%): 0.81 % | 1.05 % | 1.36 % | 0 % | 2.27 % | 0.38 % | 1.67 % | 0.36 % | 2.51 % | 1.89 % | 0.78 % | 1.26 % | 0.48 % | 1.44 % | 1.17 % | 1.42 % | 3.13 %

Vertical Grade Length: 9.88m | 0.95m | 5.87m | 1.83m | 5.73m | 7.88m | 7.2m | 2.77m | 7.57m | 7.93m | 6.41m | 6.33m | 10.5m | 10.42m | 4.27m | 6.33m | 3.51m

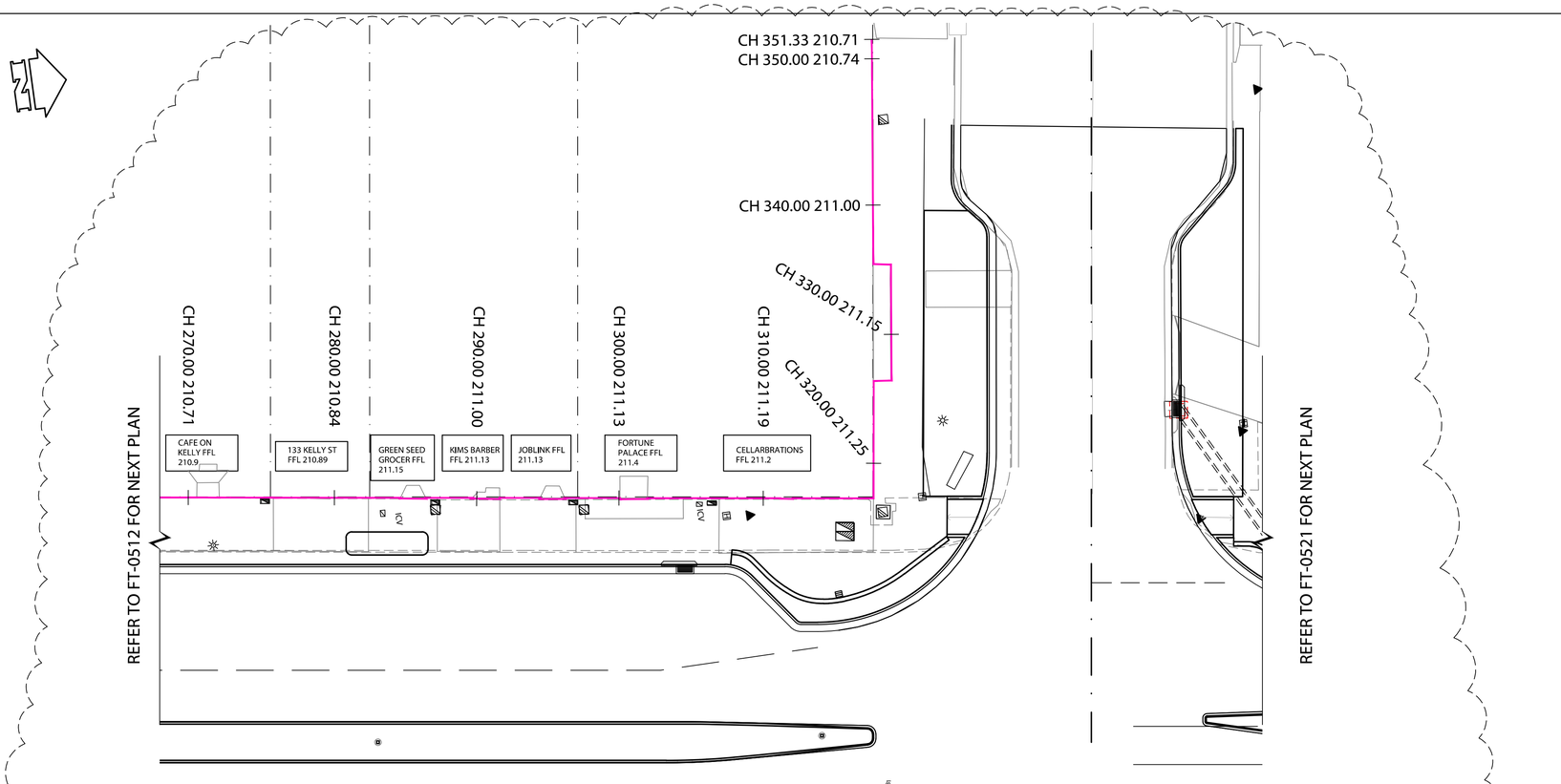
Vertical Curve Length (m)

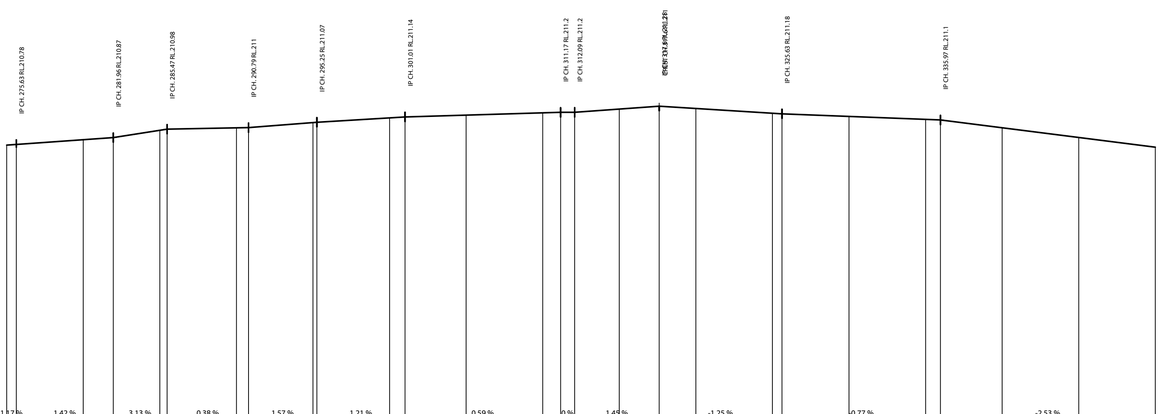
Vertical Curve Radius (m)

DATUM R.L.206.00

| | | |

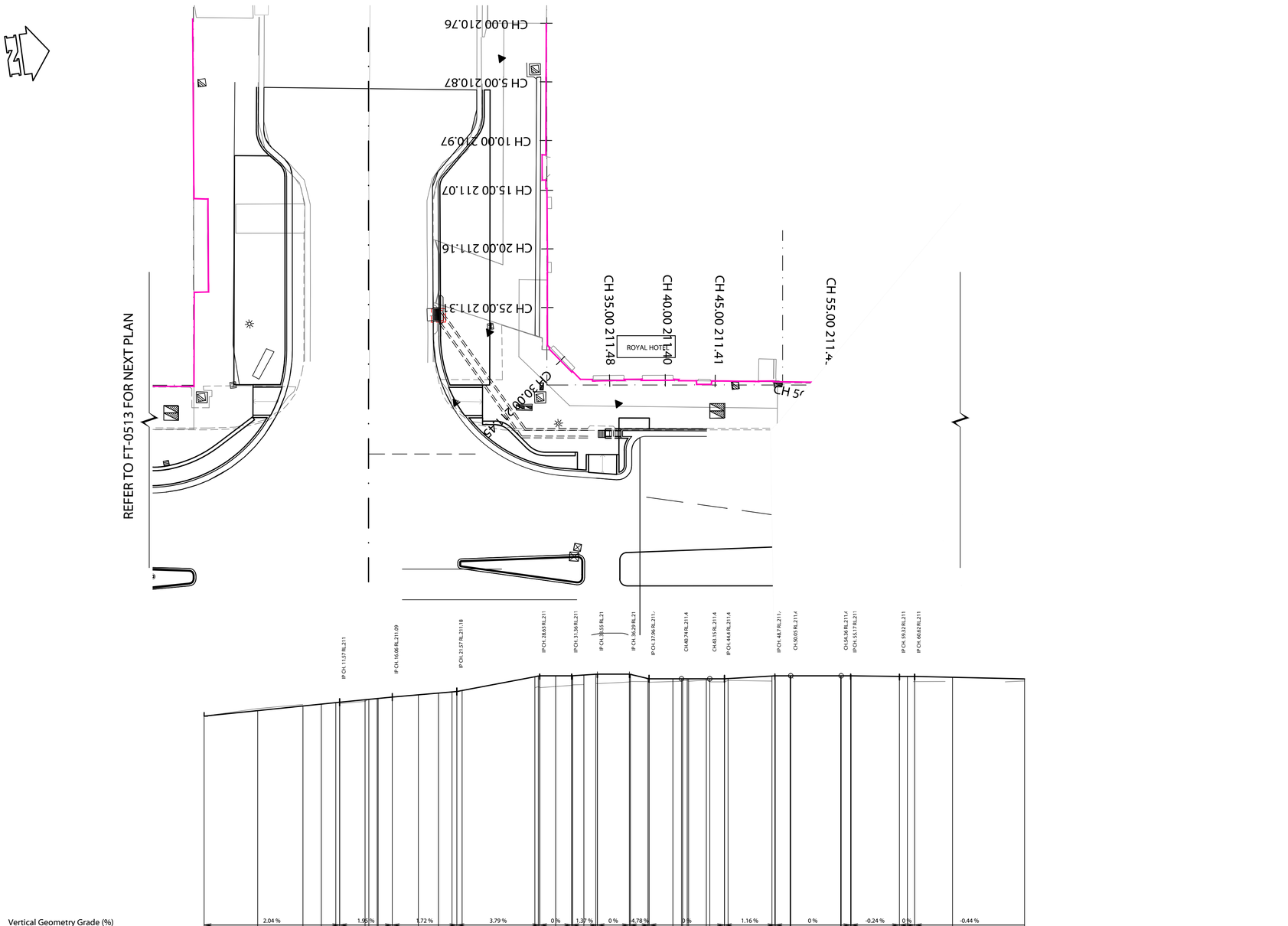
A1 SHEET


CH 351.33 210.71
CH 350.00 210.74
CH 340.00 211.00
CH 330.00 211.15
CH 320.00 211.25
CH 270.00 210.71
CH 280.00 210.84
CH 290.00 211.00
CH 300.00 211.13
CH 310.00 211.19
CAFE ON KELLY FFL 210.9
133 KELLY ST FFL 210.89
GREEN SEED GROCER FFL 211.15
KIMS BARBER FFL 211.13
JOBLINK FFL 211.13
FORTUNE PALACE FFL 211.4
CELLARBRATIONS FFL 211.2
REFER TO FT-0512 FOR NEXT PLAN
REFER TO FT-0521 FOR NEXT PLAN


IP CH. 275.63 RL.210.78
IP CH. 281.96 RL.210.87
IP CH. 285.47 RL.210.98
IP CH. 290.79 RL.211
IP CH. 295.25 RL.211.07
IP CH. 301.01 RL.211.14
IP CH. 311.17 RL.211.2
IP CH. 312.09 RL.211.2
IP CH. 325.63 RL.211.18
IP CH. 335.97 RL.211.1

| | | |

A1 SHEET



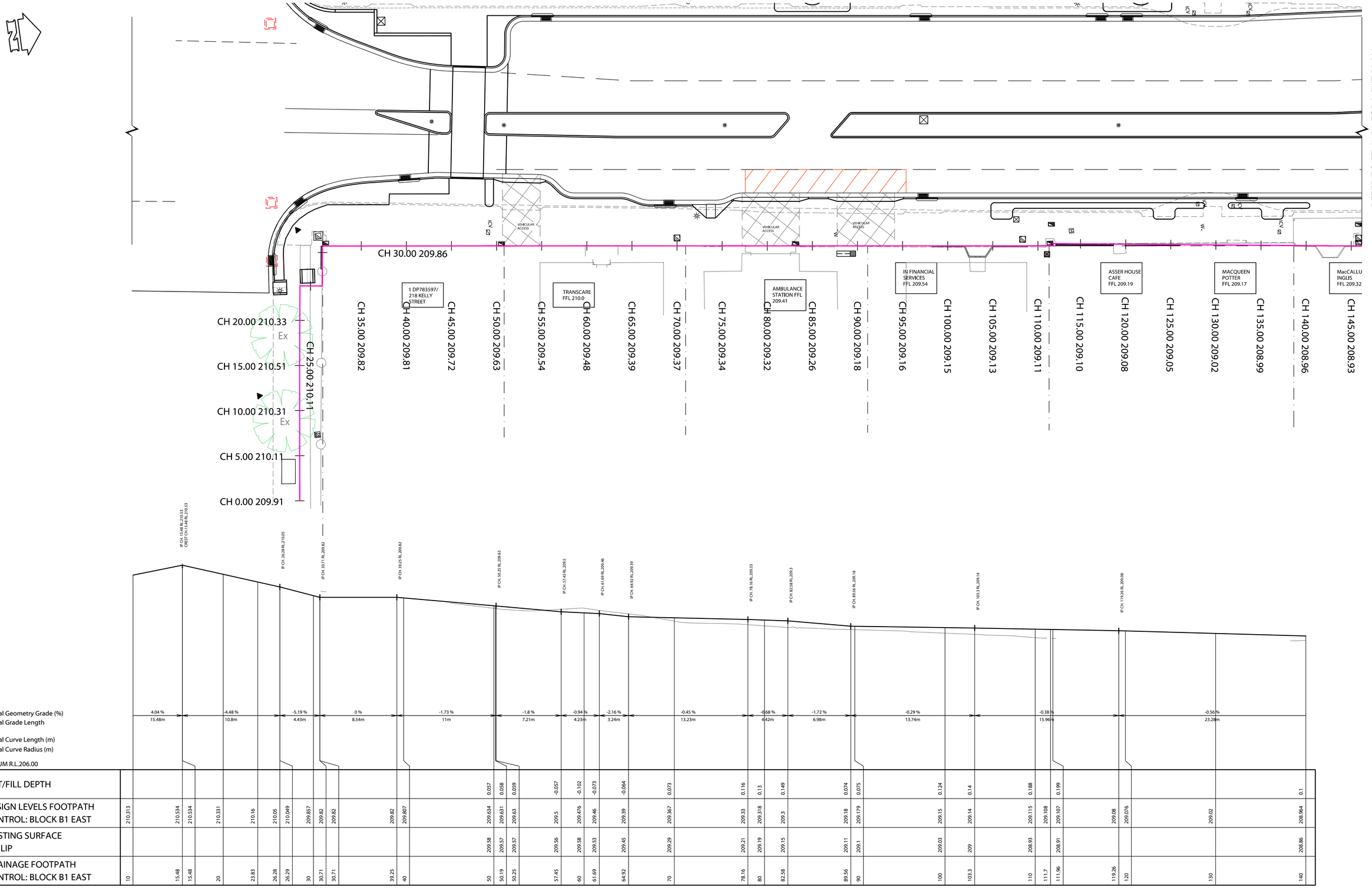
Vertical Geometry Grade (%)
Vertical Grade Length

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L.206.00

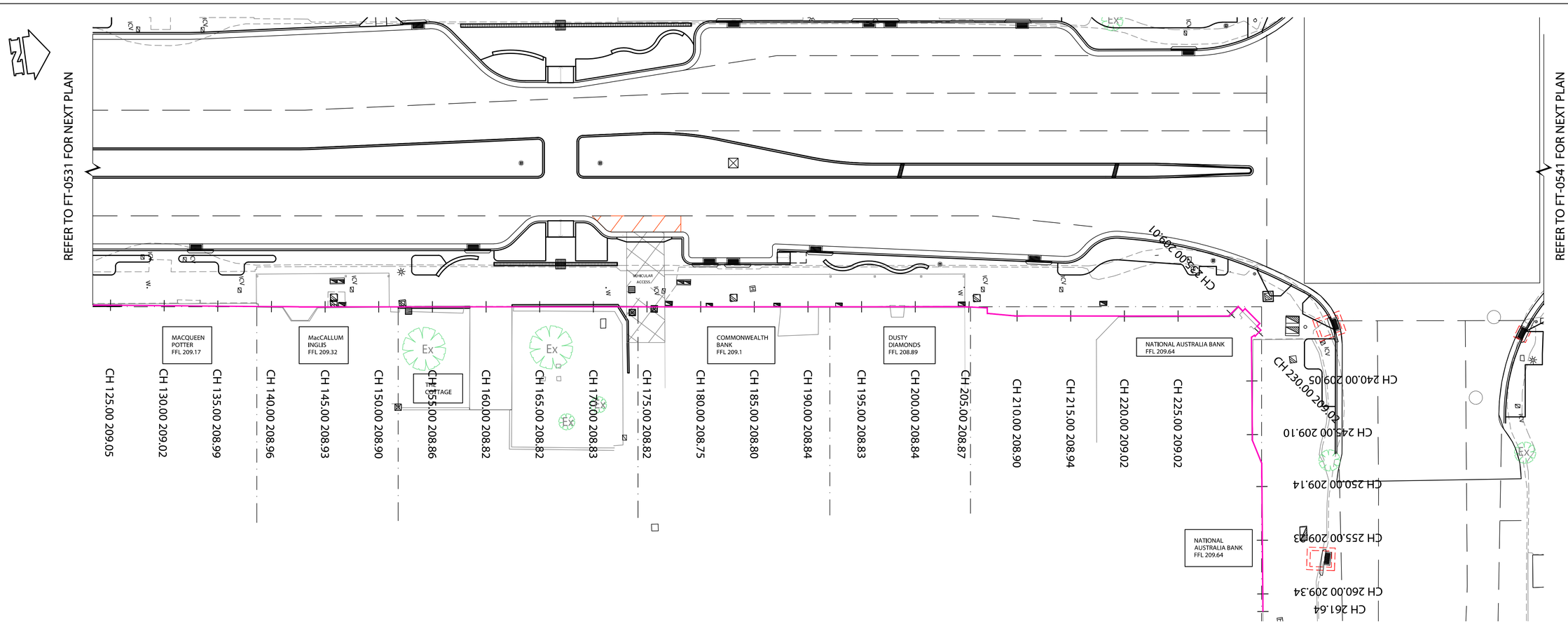
| | | |

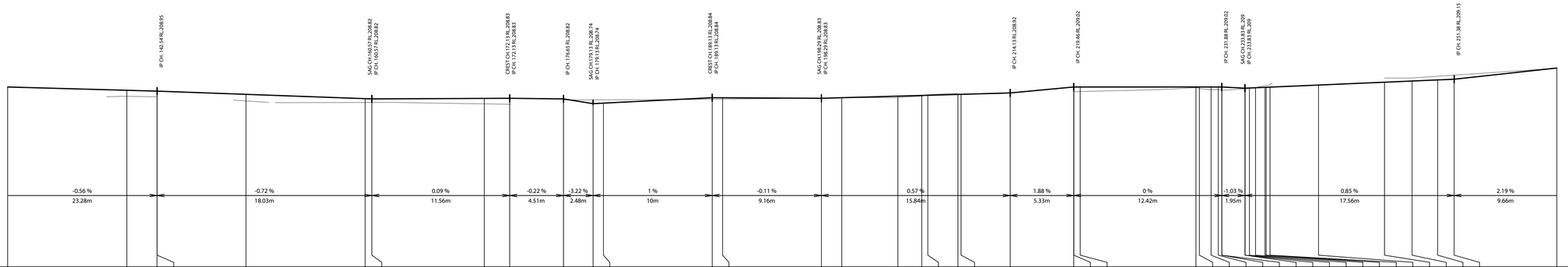
A1 SHEET


REFER TO FT-0532 FOR NEXT PLAN
CH 30.00 209.86
VEHICULAR ACCESS
VEHICULAR ACCESS
VEHICULAR ACCESS
1 DP783597/ 218 KELLY STREET
TRANSCARE FFL 210.0
AMBULANCE STATION FFL 209.41
IN FINANCIAL SERVICES FFL 209.54
ASSER HOUSE CAFE FFL 209.19
MACQUEEN POTTER FFL 209.17
MacCALLU INGLIS FFL 209.32
CH 20.00 210.33
Ex
CH 15.00 210.51
CH 10.00 210.31
Ex
CH 5.00 210.11
CH 0.00 209.91
CH 25.00 210.11
CH 35.00 209.82
CH 40.00 209.81
CH 45.00 209.72
CH 50.00 209.63
CH 55.00 209.54
CH 60.00 209.48
CH 65.00 209.39
CH 70.00 209.37
CH 75.00 209.34
CH 80.00 209.32
CH 85.00 209.26
CH 90.00 209.18
CH 95.00 209.16
CH 100.00 209.15
CH 105.00 209.13
CH 110.00 209.11
CH 115.00 209.10
CH 120.00 209.08
CH 125.00 209.05
CH 130.00 209.02
CH 135.00 208.99
CH 140.00 208.96
CH 145.00 208.93
IP CH 15.48 RL 210.53
CRCL 0.5 / L 0.48 / 210.53
IP CH 26.28 RL 210.05
IP CH 30.71 RL 209.82
IP CH 39.25 RL 209.82
IP CH 50.25 RL 209.63
IP CH 57.45 RL 209.5
IP CH 61.69 RL 209.46
IP CH 64.92 RL 209.39
IP CH 78.16 RL 209.33
IP CH 82.58 RL 209.3
IP CH 89.56 RL 209.18
IP CH 103.3 RL 209.14
IP CH 119.26 RL 209.08

| | | |

A1 SHEET

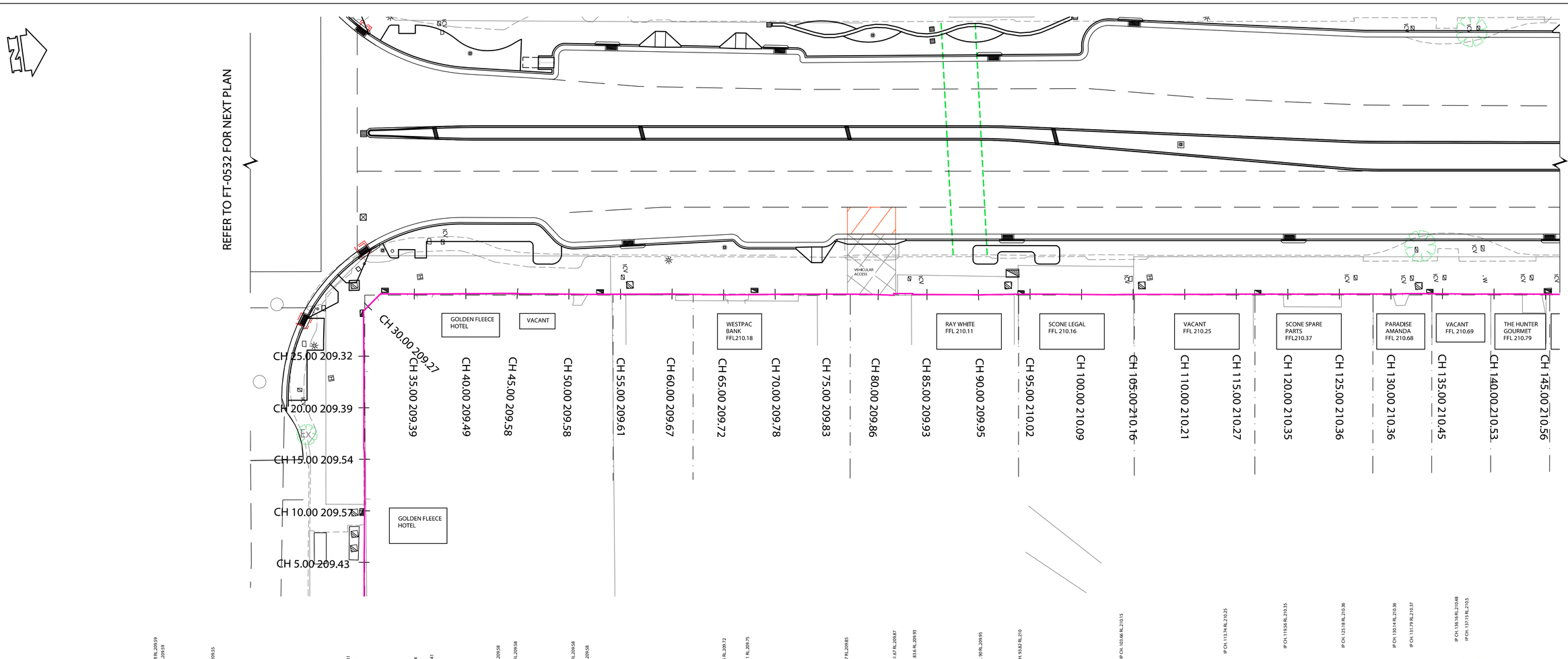




DATUM R.L.206.00

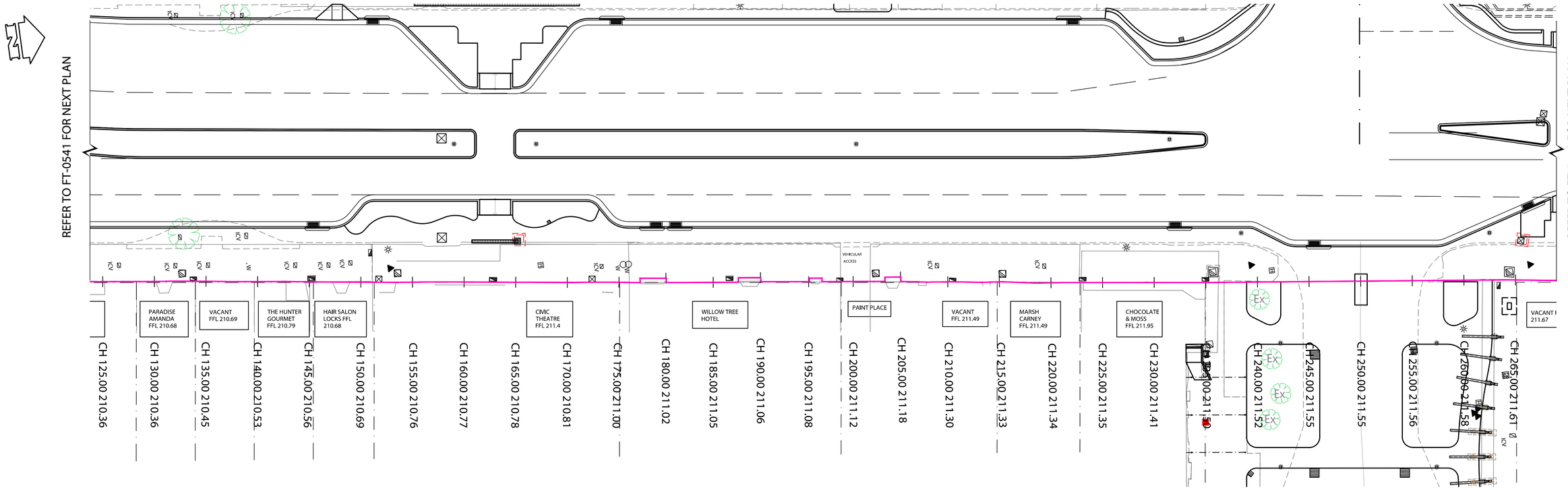
| | | |

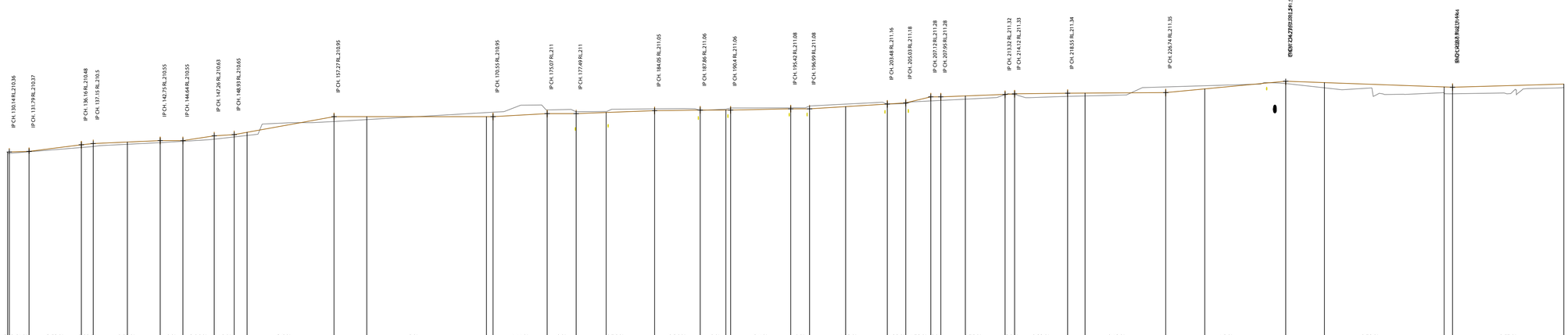
A1 SHEET


REFER TO FT-0532 FOR NEXT PLAN
REFER TO FT-0542 FOR NEXT PLAN
VEHICULAR ACCESS
GOLDEN FLEECE HOTEL
VACANT
WESTPAC BANK FFL210.18
RAY WHITE FFL 210.11
SCONE LEGAL FFL 210.16
VACANT FFL 210.25
SCONE SPARE PARTS FFL210.37
PARADISE AMANDA FFL 210.68
VACANT FFL 210.69
THE HUNTER GOURMET FFL 210.79
GOLDEN FLEECE HOTEL
CH 5.00 209.43
CH 10.00 209.57
CH 15.00 209.54
CH 20.00 209.39
CH 25.00 209.32
CH 30.00 209.27
CH 35.00 209.39
CH 40.00 209.49
CH 45.00 209.58
CH 50.00 209.58
CH 55.00 209.61
CH 60.00 209.67
CH 65.00 209.72
CH 70.00 209.78
CH 75.00 209.83
CH 80.00 209.86
CH 85.00 209.93
CH 90.00 209.95
CH 95.00 210.02
CH 100.00 210.09
CH 105.00 210.16
CH 110.00 210.21
CH 115.00 210.27
CH 120.00 210.35
CH 125.00 210.36
CH 130.00 210.36
CH 135.00 210.45
CH 140.00 210.53
CH 145.00 210.56
CREST CH 10.69 RL 209.59
IP CH. 10.69 RL 209.59
IP CH. 15.55 RL 209.55
SAG CH 29.38 RL 209.31
IP CH. 29.38 RL 209.31
IP CH. 35.22 RL 209.4
IP CH. 36.79 RL 209.41
IP CH. 43.22 RL 209.58
CH 44.85 RL 209.58
CH 50.44 RL 209.58
IP CH. 51.84 RL 209.58
IP CH. 65.15 RL 209.72
IP CH. 67.41 RL 209.75
IP CH. 77 RL 209.85
IP CH. 81.67 RL 209.87
IP CH. 83.6 RL 209.93
IP CH. 90 RL 209.95
IP CH. 93.82 RL 210
IP CH. 103.66 RL 210.15
IP CH. 113.74 RL 210.25
IP CH. 119.56 RL 210.35
IP CH. 125.18 RL 210.36
IP CH. 130.14 RL 210.36
IP CH. 131.79 RL 210.37
IP CH. 136.16 RL 210.48
IP CH. 137.15 RL 210.5

| | | |

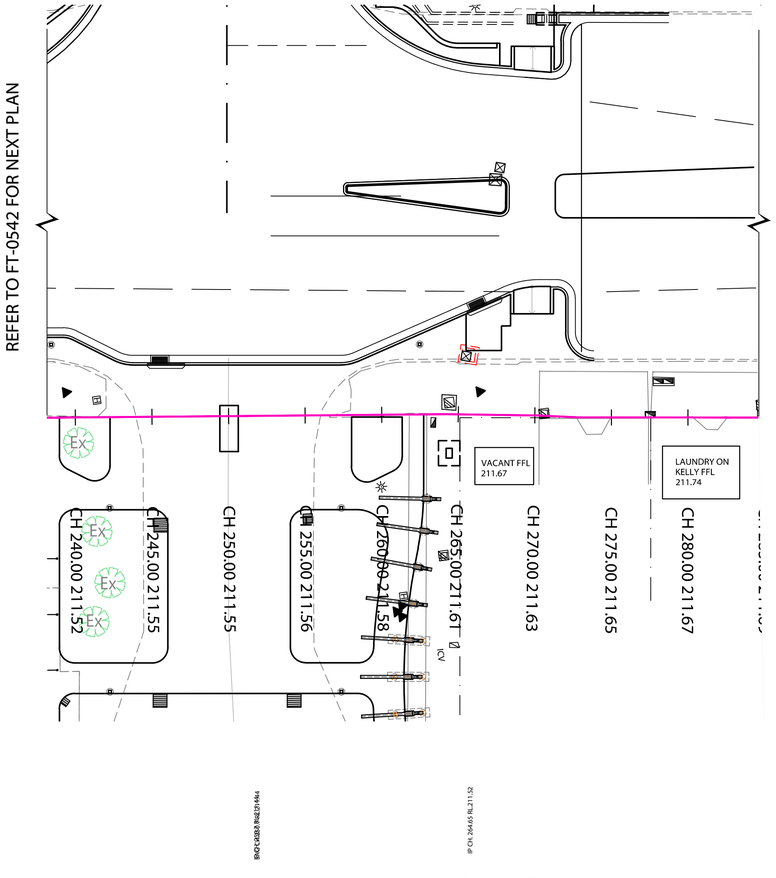
A1 SHEET


REFER TO FT-0541 FOR NEXT PLAN
REFER TO FT-0543 FOR NEXT PLAN
PARADISE AMANDA FFL 210.68
VACANT FFL 210.69
THE HUNTER GOURMET FFL 210.79
HAIR SALON LOCKS FFL 210.68
CIVIC THEATRE FFL 211.4
WILLOW TREE HOTEL
VEHICULAR ACCESS
PAINT PLACE
VACANT FFL 211.49
MARSH CARNEY FFL 211.49
CHOCOLATE & MOSS FFL 211.95
VACANT FFL 211.67
CH 125.00 210.36
CH 130.00 210.36
CH 135.00 210.45
CH 140.00 210.53
CH 145.00 210.56
CH 150.00 210.69
CH 155.00 210.76
CH 160.00 210.77
CH 165.00 210.78
CH 170.00 210.81
CH 175.00 211.00
CH 180.00 211.02
CH 185.00 211.05
CH 190.00 211.06
CH 195.00 211.08
CH 200.00 211.12
CH 205.00 211.18
CH 210.00 211.30
CH 215.00 211.33
CH 220.00 211.34
CH 225.00 211.35
CH 230.00 211.41
CH 235.00 211.50
CH 240.00 211.52
CH 245.00 211.55
CH 250.00 211.55
CH 255.00 211.56
CH 260.00 211.58
CH 265.00 211.67
EX
ICV


IP CH. 130.14 RL.210.36
IP CH. 131.79 RL.210.37
IP CH. 136.16 RL.210.48
IP CH. 137.15 RL.210.5
IP CH. 142.75 RL.210.55
IP CH. 144.64 RL.210.55
IP CH. 147.26 RL.210.63
IP CH. 148.93 RL.210.65
IP CH. 157.27 RL.210.95
IP CH. 170.55 RL.210.95
IP CH. 175.07 RL.211
IP CH. 177.49 RL.211
IP CH. 184.05 RL.211.05
IP CH. 187.86 RL.211.06
IP CH. 190.4 RL.211.06
IP CH. 195.42 RL.211.08
IP CH. 196.99 RL.211.08
IP CH. 203.48 RL.211.16
IP CH. 205.03 RL.211.18
IP CH. 207.12 RL.211.28
IP CH. 207.95 RL.211.28
IP CH. 213.32 RL.211.32
IP CH. 214.12 RL.211.33
IP CH. 218.55 RL.211.34
IP CH. 226.74 RL.211.35
END IP CH.236.77 RL.211.54
BACK OF BUS RL.211.44
Vertical Geometry Grade (%)
Vertical Grade Length
Vertical Curve Length (m)
Vertical Curve Radius (m)
DATUM R.L.206.00
0.61 %
4.96
65m
2.52 %
4.37m
3.02 %
0.99m
0.89 %
5.6m
0 %
1.9m
3.06 %
2.62m
1.2 %
1.67m
3.6 %
8.34m
0 %
13.28m
1.11 %
4.52m
0 %
2.42m
0.76 %
6.56m
0.26 %
3.81m
0 %
2.54m
0.4 %
5.02m
0 %
1.57m
1.23 %
6.89m
1.29 %
1.55m
4.79 %
2.09m
0 %
0.84m
0.75 %
5.37m
1.26 %
0.8m
0.23 %
4.43m
0.12 %
8.2m
1.9 %
10.02m
-0.72 %
13.93m
0.57 %
13.95m

| | | |

A1 SHEET



Vertical Geometry Grade (%)		-0.72%		0.57 %		1.26 %	
Vertical Grade Length		13.93m		13.95m		10.3m	
Vertical Curve Length (m)							
Vertical Curve Radius (m)							
DATUM R.L.206.00							
CUT/FILL DEPTH	0.108	0.108		0.059	0.031	0.061	
DESIGN LEVELS FOOTPATH CONTROL: BLOCK B2 EAST	211.445	211.44		211.493	211.52	211.587	
EXISTING SURFACE	211.34	211.33		211.43	211.49	211.53	
CHAINAGE FOOTPATH CONTROL: BLOCK B2 EAST	250	250.7		260	264.65	270	

LONGSECTION Block B2 East Footpath

HORIZONTAL SCALE 1:200 (A1)
VERTICAL SCALE 1:40 (A1)

REV	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY
01	ISSUED FOR CONSTRUCTION	18/04/2023	CA				
A	ISSUED FOR CONSTRCUTION	31/03/2023	CA				

UPPER HUNTER SHIRE COUNCIL
130 LIVERPOOL STREET
P.O. BOX 208
SCONE NSW 2337
Telephone: (02) 6540 1100
Facsimile: (02) 6545 2671
Email: council@upperhunter.nsw.gov.au

KELLY STREET REVITALISATION PROJECT
SCONE NSW 2337

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ABN 82 153 018 800

18-130 - PART 12
FOOTPATH CONTROL LINE
BLOCK 2 EAST
SHEET 3

Scale
Horizontal:
0 2 4 6 8 10
SCALE 1:200 (A1)

CIVIL DRAWING

Designed	BH	Approved on behalf of RHM Consulting Engineers	
Drawn	CA	Project Engineer/Director	Date
Datum	NIL	Drawing No:	Rev
Date	APR 23	CONS- FT-0543	01