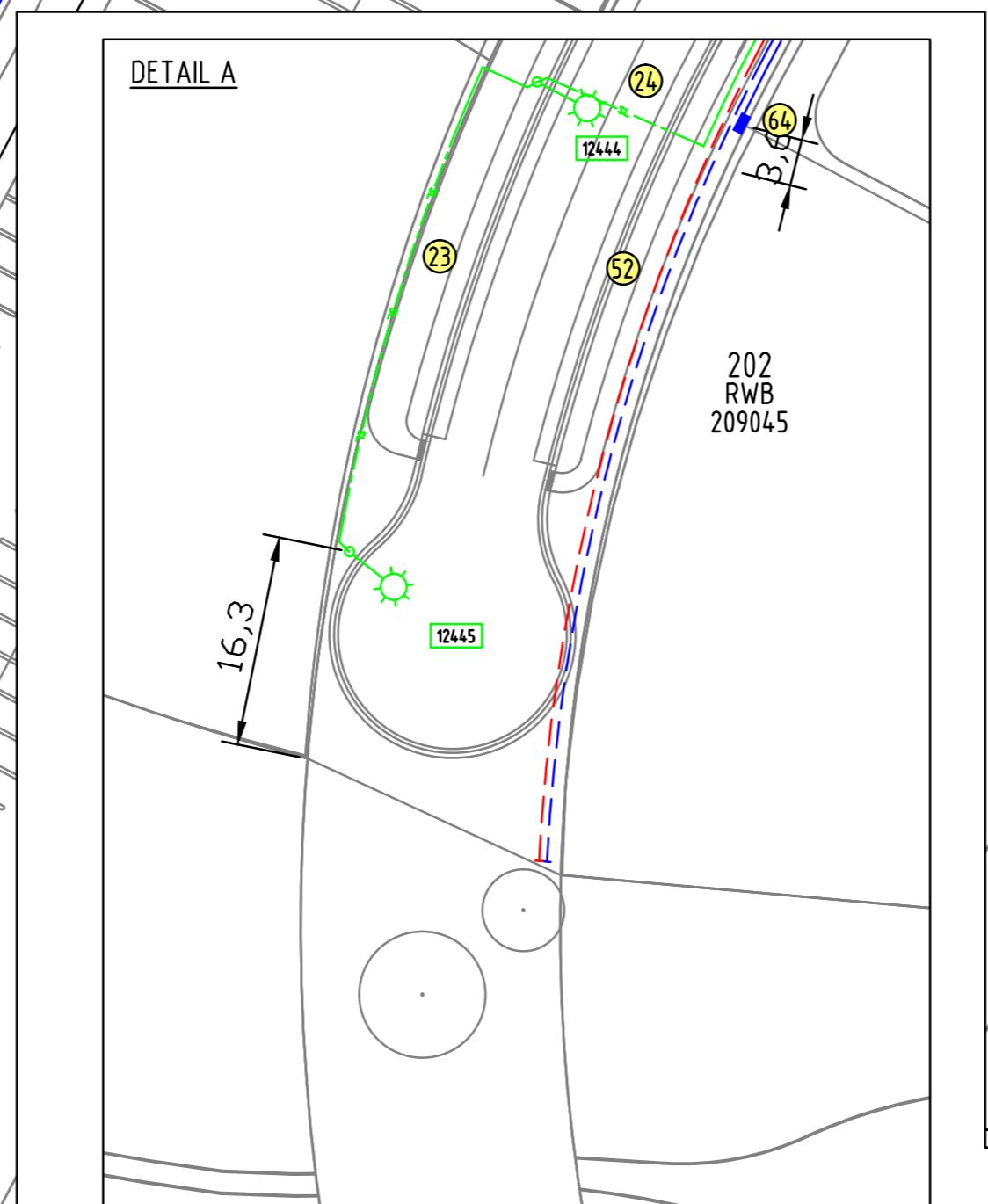
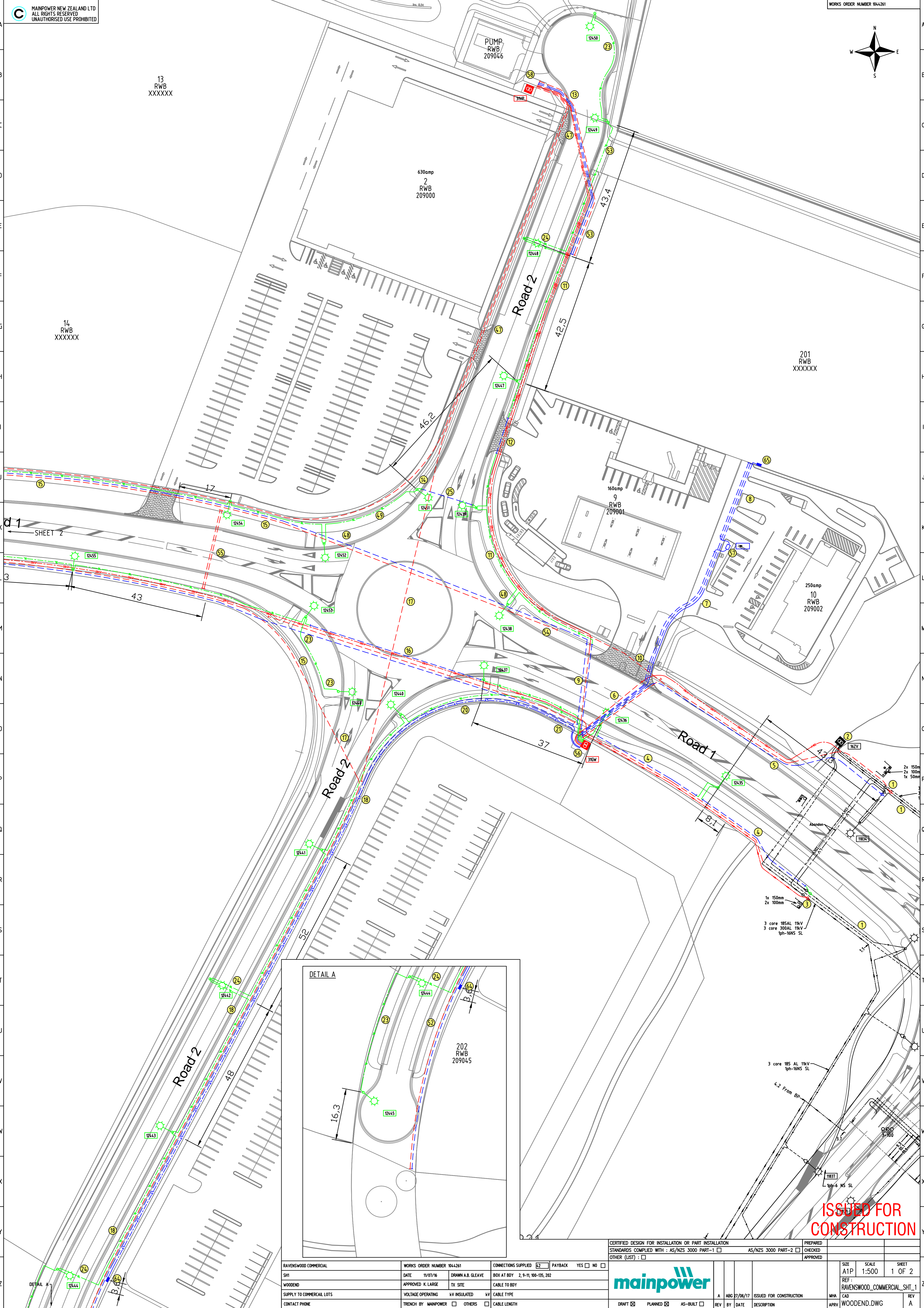
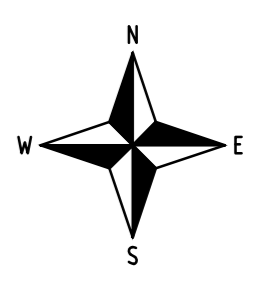


## **APPENDIX 2**

### Mainpower Plan

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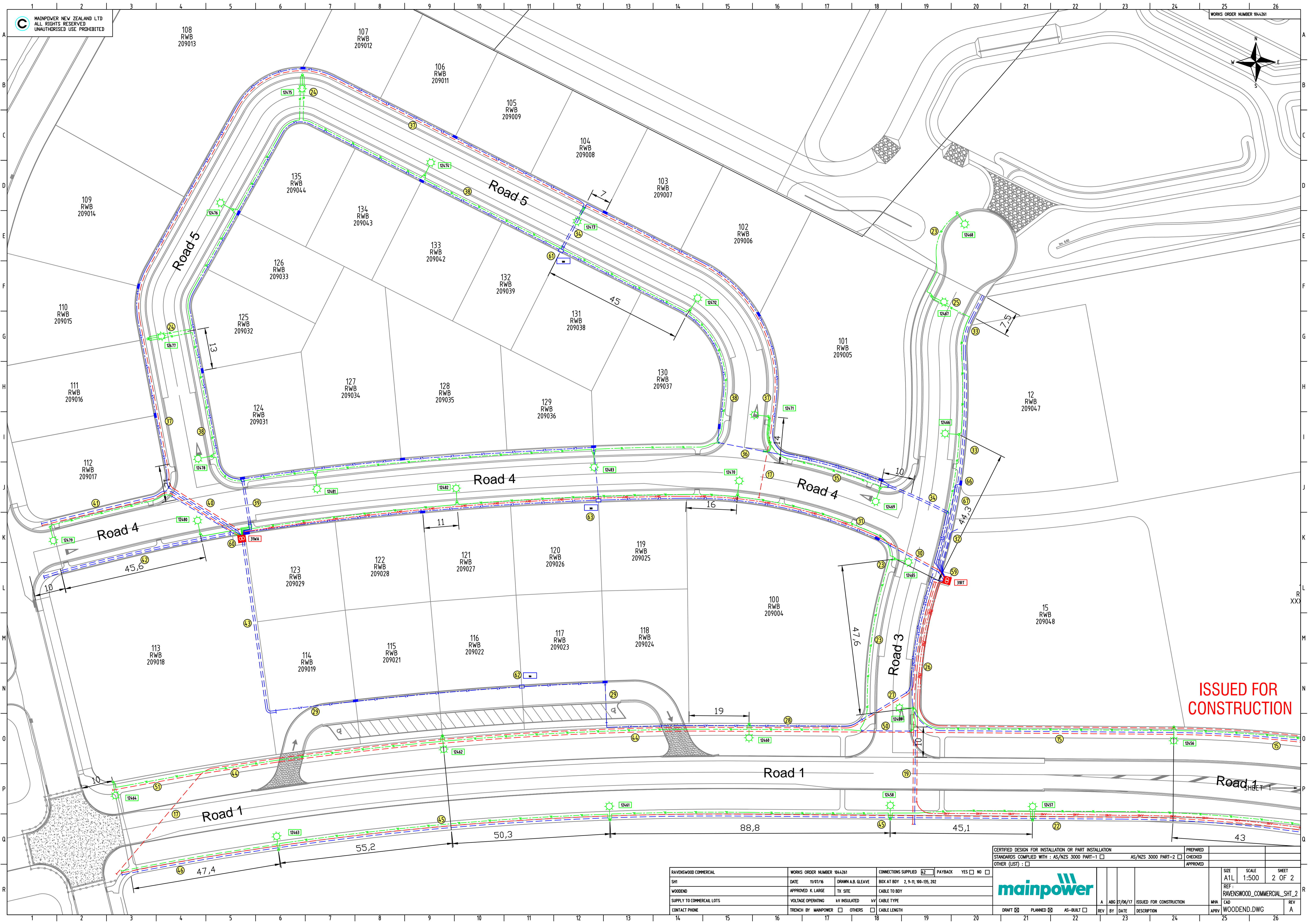
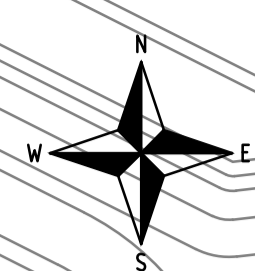
1x 150mm  
2x 100mm  
3 core 185AL 11kV  
3 core 300AL 11kV  
1ph-16NS SL

3 core 185 AL 11kV  
1ph-16NS SL  
4.2 From BP

**ISSUED FOR CONSTRUCTION**

RAVENSWOOD COMMERCIAL	WORKS ORDER NUMBER 1044261	CONNECTIONS SUPPLIED <input checked="" type="checkbox"/> PAYBACK YES <input type="checkbox"/> NO <input type="checkbox"/>
SH1	DATE 11/07/16 DRAWN A.B. GLEAVE	BOX AT BOY 2, 9-11, 100-135, 202
WOODEND	APPROVED K. LARGE	TX SITE
SUPPLY TO COMMERCIAL LOTS	VOLTAGE OPERATING kV INSULATED	kV CABLE TYPE
CONTACT PHONE	TRENCH BY MAINPOWER <input type="checkbox"/> OTHERS <input type="checkbox"/>	CABLE LENGTH

CERTIFIED DESIGN FOR INSTALLATION OR PART INSTALLATION		PREPARED
STANDARDS COMPLIED WITH : AS/NZS 3000 PART-1 <input type="checkbox"/>	AS/NZS 3000 PART-2 <input type="checkbox"/>	CHECKED
OTHER (LIST) : <input type="checkbox"/>		APPROVED
<b>mainpower</b>		SIZE SCALE SHEET
A	ABG 27/06/17	A1P 1:500 1 OF 2
REV BY DATE DESCRIPTION	ISSUED FOR CONSTRUCTION	REF: RAVENSWOOD_COMMERCIAL_SHT_1
DRAFT <input checked="" type="checkbox"/> PLANNED <input checked="" type="checkbox"/> AS-BUILT <input type="checkbox"/>	MHA CAD WOODEND.DWG	REV A



**ISSUED FOR CONSTRUCTION**

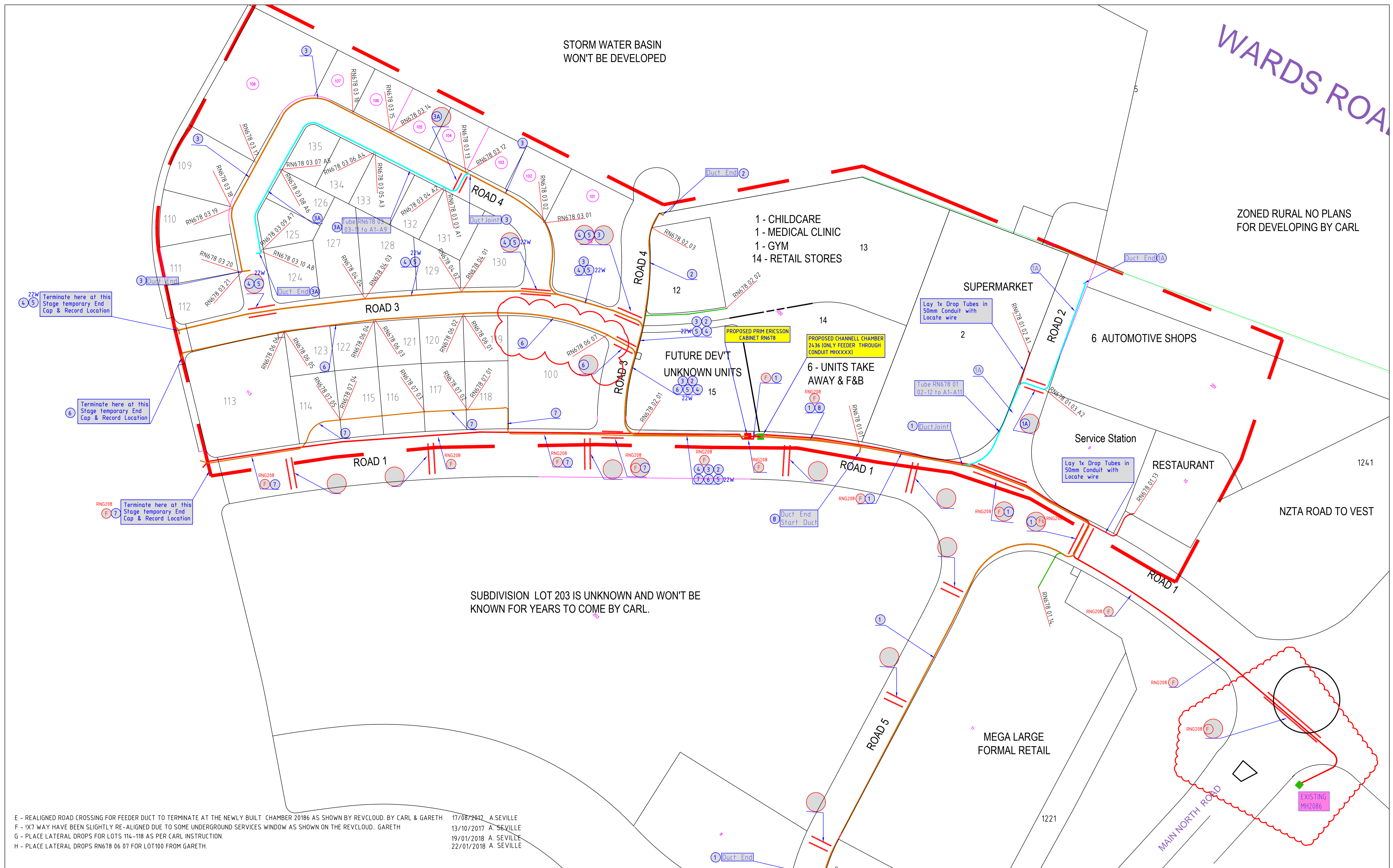
RAVENSWOOD COMMERCIAL	WORKS ORDER NUMBER 1044261	CONNECTIONS SUPPLIED <input checked="" type="checkbox"/> PAYBACK YES <input type="checkbox"/> NO <input type="checkbox"/>
SHT	DATE 11/07/16 DRAWN A.B. GLEAVE	BOX AT BOY 2, 9-11, 104-105, 202
WOODEND	APPROVED K. LARGE TX SITE	CABLE TO BOY
SUPPLY TO COMMERCIAL LOTS	VOLTAGE OPERATING kV INSULATED kV	CABLE TYPE
CONTACT PHONE	TRENCH BY MAINPOWER <input type="checkbox"/> OTHERS <input type="checkbox"/>	CABLE LENGTH

CERTIFIED DESIGN FOR INSTALLATION OR PART INSTALLATION		PREPARED
STANDARDS COMPLIED WITH : AS/NZS 3000 PART-1 <input type="checkbox"/>		CHECKED
OTHER (LIST) : <input type="checkbox"/>		APPROVED
AS/NZS 3000 PART-2 <input type="checkbox"/>		
		SIZE A1L SCALE 1:500 SHEET 2 OF 2 REF: RAVENSWOOD_COMMERCIAL_SHT_2 MHA CAD WOODEND.DWG APRV A
DRAFT <input checked="" type="checkbox"/>	PLANNED <input checked="" type="checkbox"/>	AS-BUILT <input type="checkbox"/>
REV BY DATE DESCRIPTION	REV BY DATE DESCRIPTION	
A ABG 27/06/17 ISSUED FOR CONSTRUCTION		

## **APPENDIX 3**

### Enable Installation Plan

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E - REALIGNED ROAD CROSSING FOR FEEDER DUCT TO TERMINATE AT THE NEWLY BUILT CHAMBER 20186 AS SHOWN BY REV.CLOUD. BY CARL & GARETH 17/08/2017 A SEVILLE  
 F - 'X7 WAY HAVE BEEN SLIGHTLY RE-ALIGNED DUE TO SOME UNDERGROUND SERVICES WINDOW AS SHOWN ON THE REV.CLOUD. GARETH 13/10/2017 A SEVILLE  
 G - PLACE LATERAL DROPS FOR LOTS 114-118 AS PER CARL INSTRUCTION. 19/01/2018 A SEVILLE  
 H - PLACE LATERAL DROPS RN678 06 07 FOR LOT100 FROM GARETH. 22/01/2018 A SEVILLE

ISSUE	DESCRIPTION	DATE	DESIGNED	DRAWN	CHECKED	SCALE
-	INITIAL ISSUE	25/08/2016	A. SEVILLE	A. SEVILLE	D. HORAN	1:1000
A	RE-ROUTE DUCT D1 WEST MEGA RETAIL MOVE DROP LOCATION, SHORTEN DUCT 1A & DUCT 2. BY CARL	19/09/2016	A. SEVILLE	A. SEVILLE	D. HORAN	
B	EXTEND DUCT 1 TOWARDS SOUTH PLACING DORP TUBE AT LOT 202 AND INSTALL 5X100MM ACCROSS RD-1, 3X100MM ACROSS RD-5 AND MOVE ROAD CROSSING FOR DUCT 1A ALONG ROAD 2 BY CARL AND DEVELOPER.	21/10/2016	A. SEVILLE	A. SEVILLE	D. HORAN	
C	BOUNDARY LOTS OF 103 TO 109 HAVE BEEN CHANGED WITH HAT LATERAL DROPS MOVED TO NEW BOUNDARIES. BY CARL	20/02/2017	A. SEVILLE	A. SEVILLE	D. HORAN	
D	ADDITIONAL DROPS FOR LOT 12 AND 13 AS REQUESTED BY CARL.	27/02/2017	A. SEVILLE	A. SEVILLE	D. HORAN	

NOTE:  
 Alignment of installation subject to Greenfield developers trench offset.  
 Installation of fibre optic cable blown by compressed air through duct cables.  
 Each property will have one or more lateral tubes installed from main duct line to boundary.  
 Installation of main duct line generally in common services trench provided by developer.

CONDUIT FROM CABINET  
 CABINET ID: 10641 03 02 A1

TUBE IN CONDUIT  
 TUBE IN 100mm CONDUIT  
 TUBE IN 12Way

LEGEND:

<span style="color: red;">■</span>	Primary Cabinet	<span style="color: orange;">—</span>	24 Way Dist. Conduit
<span style="color: blue;">■</span>	Secondary Cabinet	<span style="color: yellow;">—</span>	20 Way Dist. Conduit
<span style="color: green;">●</span>	Pedestal	<span style="color: cyan;">—</span>	12 Way Dist. Conduit
<span style="color: purple;">■</span>	Chamber/Manhole	<span style="color: magenta;">—</span>	7 Way Feeder Conduit
<span style="color: red;">—</span>	ø63mm PVC	<span style="color: green;">—</span>	Rugged Micro Duct
<span style="color: orange;">—</span>		<span style="color: red;">—</span>	ø100mm PVC

## ENABLE UFB PROJECT

PROPOSED UFB BLOWN FIBRE INSTALLATION PLAN FOR RANGIORA CABINET RN678 - RAVENSWOOD DEVELOPMENT NETWORK STAGE 1 & 2

Delivering new possibilities

SIZE	CABINET AREA	REVISION
A1	RN678	G