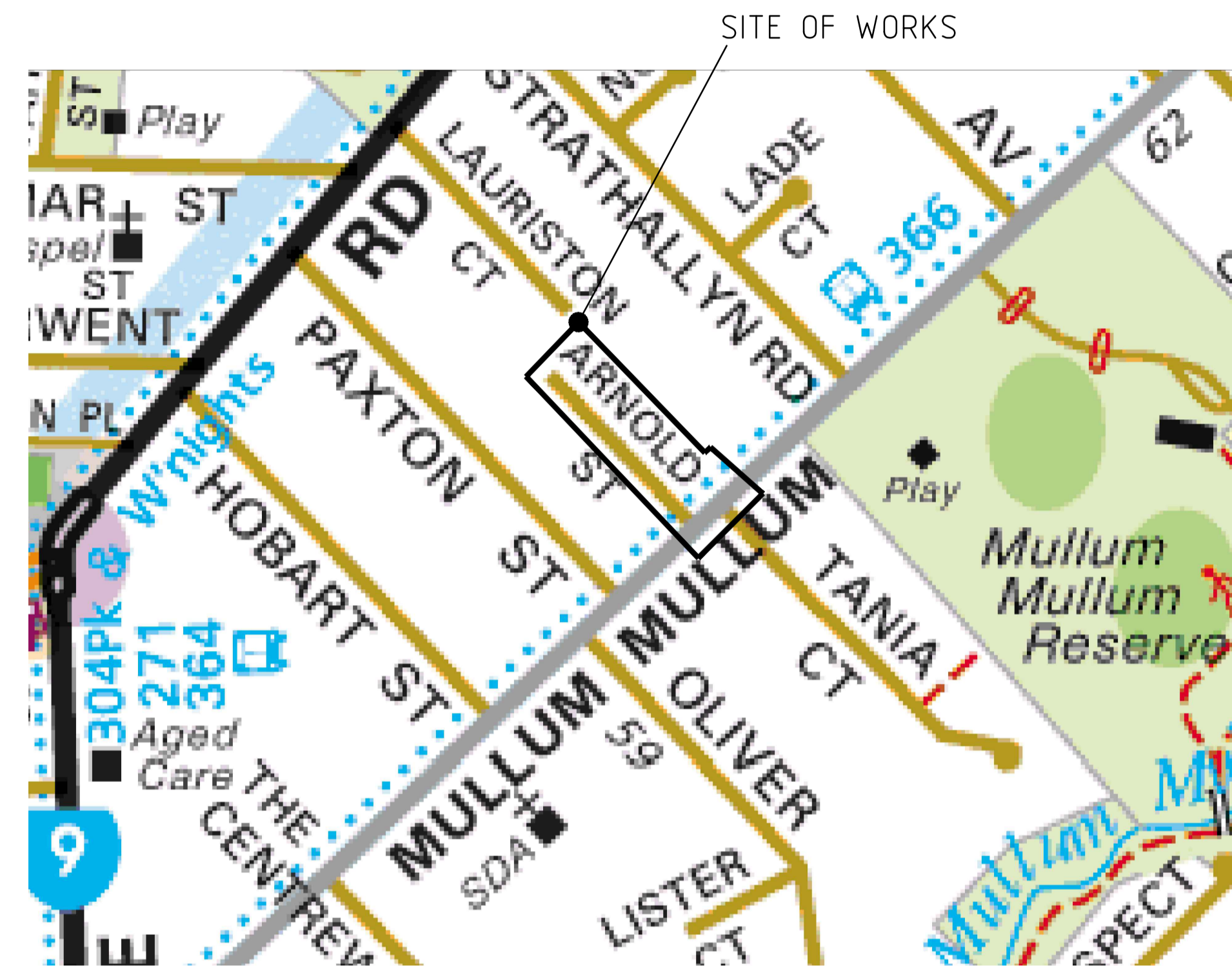


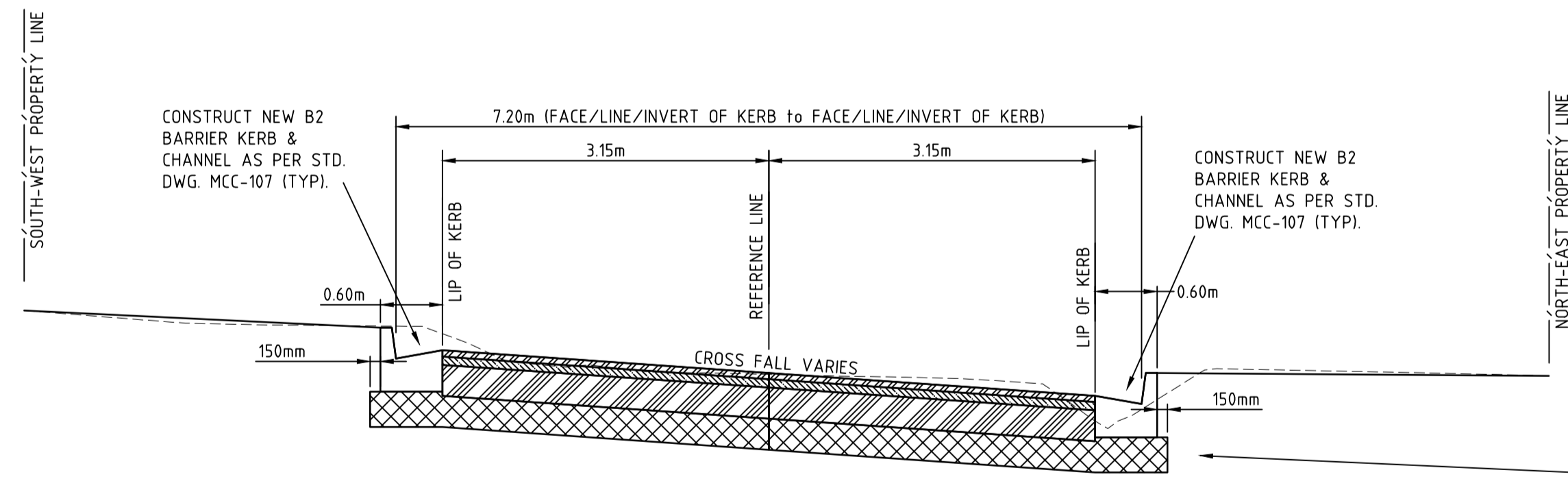
# ARNOLD STREET, RINGWOOD ROAD RECONSTRUCTION

## GENERAL NOTES

- ALL LEVELS AND COORDINATES ARE TO A.H.D. AND MGA94.
- THE CONTRACTOR SHALL SETOUT THE WORKS FROM THE NOMINATED REFERENCE LINES, SURVEY MARKS AND CONTROL POINTS SHOWN ON THE PLANS AND TO THE SPECIFIED DETAILS.
- THE CONTRACTOR SHALL MAINTAIN AND PROTECT THE SURVEY MARKS FOR THE DURATION OF THE CONTRACT.
- THE EDGES OF EXCAVATIONS IN BITUMINOUS AND/OR CONCRETE PAVEMENT ARE TO BE SAW CUT TO SUFFICIENT DEPTH (MINIMUM 200mm) TO PREVENT ANY OVERBREAK, LIFTING OR DAMAGE TO THE ADJACENT PAVEMENT.
- ALL EXISTING REDUNDANT CONCRETE, PAVEMENT, SOIL, RUBBISH AND CONSTRUCTION DEBRIS SHALL BE TAKEN UP AND REMOVED FROM SITE.
- PRIOR TO COMPLETION THE CONTRACTOR SHALL ENSURE THE SITE IS TIDIED AND OBTAIN A CLEARANCE FROM THE SUPERINTENDENT.
- ALL EXISTING TREES WITHIN THE WORKS AREA SHALL BE PROTECTED AT ALL TIMES UNLESS OTHERWISE STATED OR DIRECTED BY COUNCIL'S SUPERINTENDENT.
- TRAFFIC MANAGEMENT SHALL BE ARRANGED BY THE CONTRACTOR FOR THE DURATION OF THE WORKS IN ACCORDANCE WITH THE SPECIFICATION AND TO THE SATISFACTION OF THE SUPERINTENDENT, INCLUDING THE PROVISION OF ALL NECESSARY SIGNAGE, LIGHTING AND BARRICADING. TRAFFIC FLOWS IN ALL ABUTTING ROADWAYS AND PROPERTY ACCESS SHALL REMAIN UNIMPEDED FOR THE DURATION OF THE WORKS. ALL TRAFFIC MANAGEMENT WORKS TO BE IN ACCORDANCE WITH AS1742.3 AND THE CODE OF PRACTICE FOR THE ROAD MANAGEMENT ACT 2004.
- ALL DISTURBED AREAS WITHIN THE WORKS LIMIT SHALL BE TOPSOILED (MIN 100mm DEPTH), CULTIVATED, FERTILISED AND SEEDED WITH AN APPROVED GRASS SEED MIXTURE.
- ALL DEPTHS OF ASPHALT & CRUSHED ROCK FOR NEW PAVEMENT COMPOSITION ARE COMPACTED DEPTHS.
- ALL NEW KERB AND CHANNEL CONSTRUCTION IS TO MATCH IN NEATLY WITH THE EXISTING KERB & CHANNEL.
- THE EXACT LOCATION OF ALL SERVICES SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO EXCAVATING IN THEIR VICINITY. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. EXTREME CAUTION SHALL BE EXERCISED WHEN EXCAVATING IN THE VICINITY OF SERVICES, INCLUDING ELECTRICITY POLES, UNDERGROUND SERVICES, ETC. THE RELEVANT AUTHORITY SHALL BE CONTACTED PRIOR TO EXCAVATING IN CLOSE PROXIMITY TO SERVICES. SERVICE LOCATIONS ARE INDICATIVE ONLY.
- ALL SERVICE FITTINGS WHICH ARE WITHIN THE LIMIT OF WORKS AREA SHALL BE ADJUSTED TO MATCH PROPOSED FINISHED SURFACE LEVELS AS REQUIRED.
- ALL NEW LINEMARKING AND SIGNAGE SHALL BE IN ACCORDANCE WITH VIC ROADS TRAFFIC ENGINEERING MANUAL VOL. 2 SIGNS AND MARKINGS AND AS1742.2, AND INSTALLED AS SHOWN ON THE SIGNAGE AND LINEMARKING PLANS. ALL NEW SIGNS ARE TO BE LOCATED 800mm BEHIND BACK OF KERB OR AS DIRECTED BY COUNCIL'S SUPERINTENDENT.
- THE CONTRACTOR IS TO SUPPORT ELECTRICITY POLES ALL IN ACCORDANCE WITH RELEVANT SERVICE AUTHORITY REQUIREMENTS.



LOCALITY PLAN  
N.T.S.  
(MELWAY REF: MAP 49 J5)



TYPICAL CROSS SECTION  
NOT TO SCALE

DRAWING INDEX	
SHEET No.	DESCRIPTION
1	FACE SHEET: - LOCALITY PLAN, GENERAL NOTES & TYPICAL CROSS SECTION
2	DETAIL PLAN
3	PAVEMENT PLAN
4	SUBSURFACE DRAINAGE PLAN
5	DESIGN CONTOUR & SETOUT PLAN
6	LONGITUDINAL SECTION
7 - 9	CROSS SECTIONS
10 - 11	KERB RETURN LONGITUDINAL SECTIONS
12	PROPERTY No. 11 DRIVEWAY LONGITUDINAL SECTION
13	DRAINAGE LONGITUDINAL SECTION & PIT SCHEDULE
14	LINEMARKING & SIGNAGE PLAN

### FULL DEPTH ROAD PAVEMENT RECONSTRUCTION

- WEARING COURSE:- 30mm DEPTH OF TYPE N SIZE 10mm ASPHALT.
  - INTERMEDIATE COURSE:- 40mm DEPTH OF TYPE N SIZE 14mm ASPHALT.
  - BASE COURSE:- 150mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK, COMPACTED TO 96% MODIFIED MDD.
  - SUB-BASE COURSE:- 150mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK, COMPACTED TO 96% MODIFIED MDD.
- (NOTE: THE 150mm SUB-BASE COURSE LAYER IS TO CONTINUE BENEATH THE PROPOSED KERB & CHANNEL AND IS TO EXTEND TO 150mm BEHIND THE BACK OF KERB).

NOTE:- EXISTING SILT LAYER TO BE REMOVED & REPLACED WITH CRUSHED ROCK ONLY AS DIRECTED BY COUNCIL'S SUPERINTENDENT.

### OPTIONAL FULL DEPTH ROAD PAVEMENT RECONSTRUCTION ALTERNATIVE WHERE SUBGRADE IMPROVEMENT IS REQUIRED (PROVISIONAL, ONLY TO BE ADOPTED AS DIRECTED BY COUNCIL'S SUPERINTENDENT)

- WEARING COURSE:- 30mm DEPTH OF TYPE N SIZE 10mm ASPHALT.
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  - BASE COURSE:- 150mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK, COMPACTED TO 96% MODIFIED MDD.
  - SUB-BASE COURSE:- 100mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK, COMPACTED TO 96% MODIFIED MDD.
  - 150mm DEPTH CAPPING LAYER OR SUBGRADE STABILISATION (REQUIREMENTS: CBR<sub>2</sub>≥15%, SWELL<15%, PREMEABILITY<5E-9m/s).
- (NOTE: THE 150mm CAPPING LAYER IS TO CONTINUE BENEATH THE PROPOSED KERB & CHANNEL AND IS TO EXTEND TO 150mm BEHIND THE BACK OF KERB).

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**WARNING**  
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**NOTE:**  
ALL NOTED "ABANDONED" SERVICES INCLUDING GAS MAINS, WATER MAINS, ETC. - THE CONTRACTOR SHALL BE RESPONSIBLE & CONFIRM THAT THESE SERVICES ARE ABANDONED, INCLUDING LIAISING WITH THE RELEVANT AUTHORITY PRIOR TO COMMENCING CONSTRUCTION.

**NOTE:**  
THE APPOINTED CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE COUNCIL, CRE CONSULTING ENGINEERS (CRE) AND ITS EMPLOYEES INCLUDING SUB-CONTRACTORS AGAINST ANY CLAIM FOR INJURY, LOSS OR DAMAGE THAT IS MADE ARISING OUT OF THE NEGLIGENCE ACTS OR OMISSIONS OF THE CONTRACTOR. ALL INFORMATION PROVIDED ON THESE PLANS SHALL BE CHECKED BY THE APPOINTED CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. IF THERE ARE ANY ERRORS, PERCEIVED AMBIGUITY OR INFORMATION IS NOT UNDERSTOOD BY THE CONTRACTOR, THEN THE CONTRACTOR SHOULD CONTACT COUNCIL'S SUPERINTENDENT IMMEDIATELY FOR CLARIFICATION. COUNCIL SHOULD BE GIVEN THE OPPORTUNITY AND SUFFICIENT TIME TO INVESTIGATE, PRIOR TO ANY CONSTRUCTION COMMENCING OR CONTINUING. CRE WILL NOT BE HELD RESPONSIBLE OR LIABLE AGAINST ANY CLAIM MADE FOR MISINTERPRETATION OF THE SUPPLIED PLANS.

**NOTE:**  
THIS DESIGN IS PROTECTED BY COPYRIGHT LAWS AND CANNOT BE RELEASED TO ANY OTHER PERSON(S), OTHER THAN THE CLIENT INTENDED FOR AS INDICATED IN THE TITLE BLOCK ON THESE DRAWINGS. IN THE EVENT OF ANY USE OF THESE FILES, INCLUDING DISTRIBUTION, MODIFICATION, ENHANCEMENT OR FOR ADDITIONAL DESIGN WORK, CRE ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND INTEGRITY OF THE DATA.

LEGEND	NO.	AMENDMENTS	DATE
<ul style="list-style-type: none"> <li>EX TELSTRA OPTIC FIBRE</li> <li>EX TELSTRA CABLE &amp; PIT</li> <li>EX SEWER &amp; PIT</li> <li>EX WATER MAIN</li> <li>EX ABANDONED WATER MAIN</li> <li>EX GAS MAIN</li> <li>EX ABANDONED GAS MAIN</li> <li>EX U/G ELECTRICITY CABLE</li> <li>EX D/H ELECTRICITY CABLE</li> <li>EX OPTUS CABLE</li> <li>EX HOUSE DRAIN</li> <li>STOP VALVE</li> <li>FIRE PLUG</li> <li>FIRE HYDRANT (ABOVE GROUND)</li> <li>FIRE HYDRANT (GROUND LEVEL)</li> <li>ELECTRICITY SUPPLY POLE</li> <li>E.S.P. WITH LIGHT</li> <li>LIGHT POLE ONLY</li> <li>TELECOM PILLAR</li> <li>EXISTING POST</li> <li>TRAFFIC SIGNAL PIT, CABLE, PEDESTAL</li> <li>TRAFFIC SIGNAL POLE</li> <li>UNCLASSIFIED PIT</li> <li>EX SIGN</li> <li>EXISTING BOLLARD</li> <li>RUBBISH BIN</li> <li>PSM</li> <li>STN/TBM</li> <li>LIMIT OF WORKS</li> <li>EX DRAIN &amp; PIT</li> <li>PROPOSED DRAIN &amp; PIT</li> </ul>			

**CRE CONSULTING ENGINEERS PTY LTD**  
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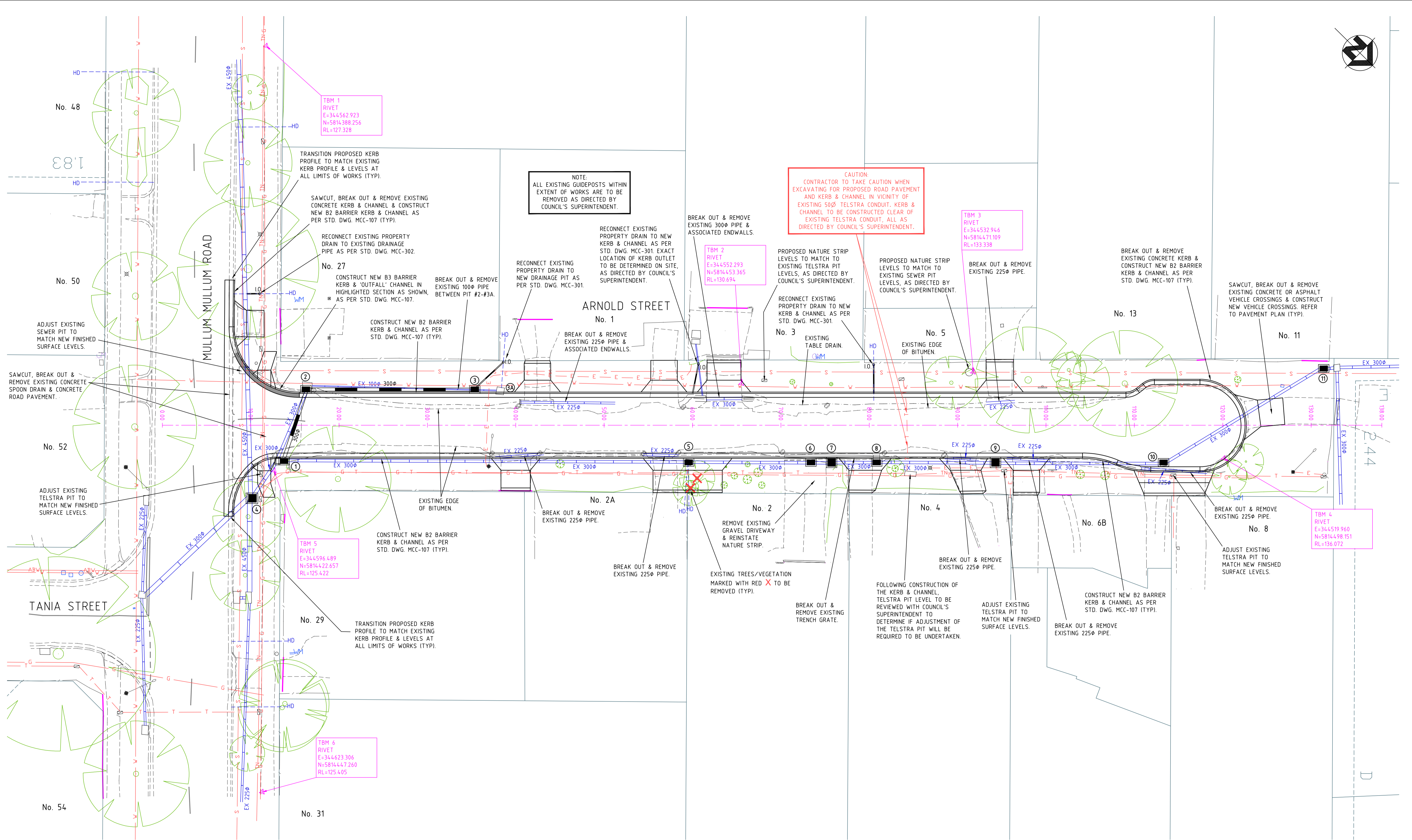
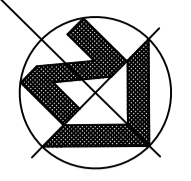
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SCALES : AS SHOWN	©A1

CLIENT: **Maroondah City Council**

**ARNOLD STREET, RINGWOOD ROAD RECONSTRUCTION**

FACE SHEET

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 1 OF 14 SIZE: A1



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LEGEND	
—TOP—	EX TELSTRA OPTIC FIBRE
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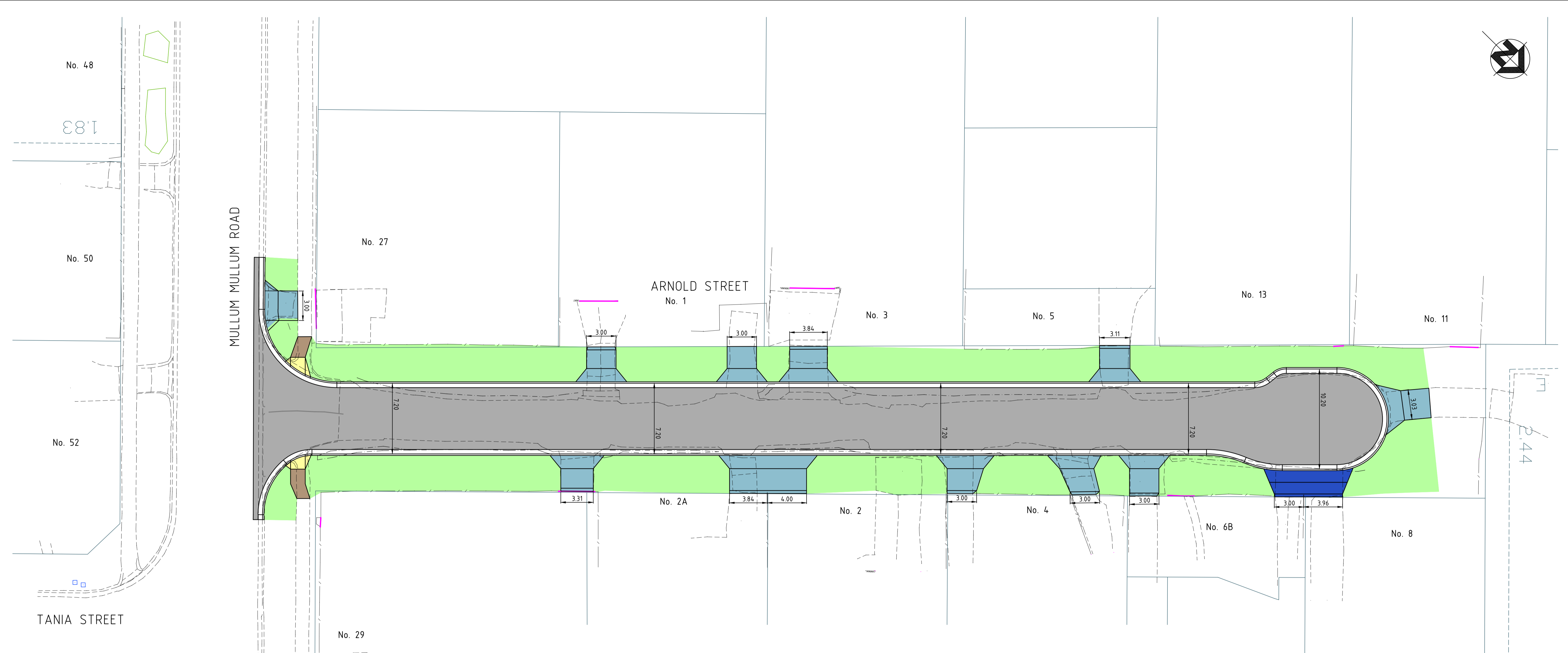
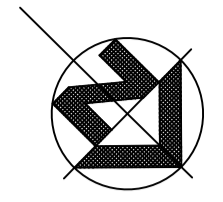
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ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
DETAIL PLAN

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. 2541
SHEET: 2 OF 14
SIZE: A1



**PAVEMENT LEGEND**

**FULL DEPTH ROAD PAVEMENT RECONSTRUCTION**

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**CONCRETE FOOTPATH**  
CONSTRUCT 125mm DEPTH REINFORCED (SL72 MESH) CONCRETE FOOTPATH ON 50mm DEPTH CLASS 3 CR, AS PER MCC STD DWG MCC-401.

**CONCRETE PRAM CROSSING**  
CONSTRUCT CONCRETE PRAM CROSSINGS AS PER MCC STD DWG MCC-405 & MCC-406.

**CONCRETE "RESIDENTIAL" VEHICLE CROSSING**  
CONSTRUCT 150mm DEPTH REINFORCED (SL72 MESH) 25MPa CONCRETE "RESIDENTIAL" VEHICLE CROSSINGS ON 50mm DEPTH CLASS 3 CR, AS PER MCC STD DWG MCC-501.

**CONCRETE "INDUSTRIAL" VEHICLE CROSSING**  
CONSTRUCT 200mm DEPTH REINFORCED (SL82 MESH) 32MPa CONCRETE "INDUSTRIAL" VEHICLE CROSSINGS ON 75mm DEPTH CLASS 3 CR, AS PER MCC STD DWG MCC-502.

**REINSTATEMENT OF NATURE STRIPS**  
REINSTATEMENT OF NATURE STRIPS / BATTERS, INCLUDING SUPPLY AND SPREADING OF 100mm DEPTH TOP SOIL AND HYDRO MULCHING.

**NOTE:- EXISTING SILT LAYER TO BE REMOVED & REPLACED WITH CRUSHED ROCK ONLY AS DIRECTED BY COUNCIL'S SUPERINTENDENT.**

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S	EX SEWER & PIT	◇	TRAFFIC SIGNAL POLE
W	EX WATER MAIN	◇	UNCLASSIFIED PIT
AW	EX ABANDONED WATER MAIN	◇	FENCE
G	EX GAS MAIN	◇	TREE
ABG	EX ABANDONED GAS MAIN	◇	LIMIT OF WORKS
E	EX U/G ELECTRICITY CABLE	◇	EXISTING BOLLARD
E	EX O/H ELECTRICITY CABLE	◇	RUBBISH BIN
O	EX OPTUS CABLE	◇	EX DRAIN & PIT
HD	HOUSE DRAIN	◇	PROPOSED DRAIN & PIT
		◇	EXISTING POST

NO.	AMENDMENTS	DATE

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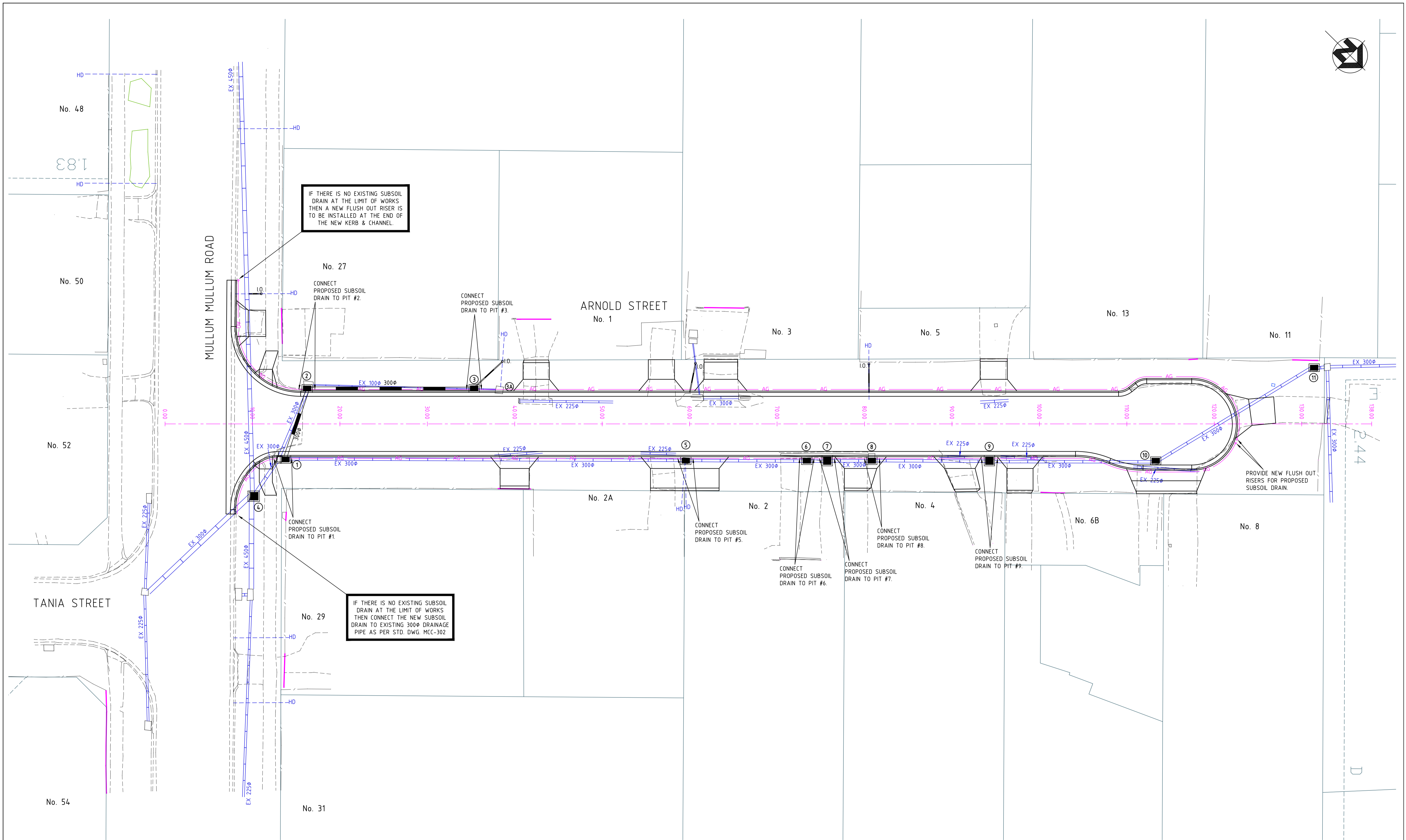
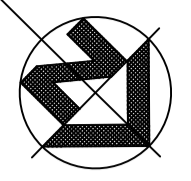
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**ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
PAVEMENT PLAN**

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 3 OF 14    SIZE: A1



IF THERE IS NO EXISTING SUBSOIL DRAIN AT THE LIMIT OF WORKS THEN A NEW FLUSH OUT RISER IS TO BE INSTALLED AT THE END OF THE NEW KERB & CHANNEL.

IF THERE IS NO EXISTING SUBSOIL DRAIN AT THE LIMIT OF WORKS THEN CONNECT THE NEW SUBSOIL DRAIN TO EXISTING 300mm DRAINAGE PIPE AS PER STD. DWG. MCC-302

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O	EX OPTUS CABLE
HD	HOUSE DRAIN
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⊕	FENCE
⊕	EX SIGN
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⊕	EX DRAIN & PIT
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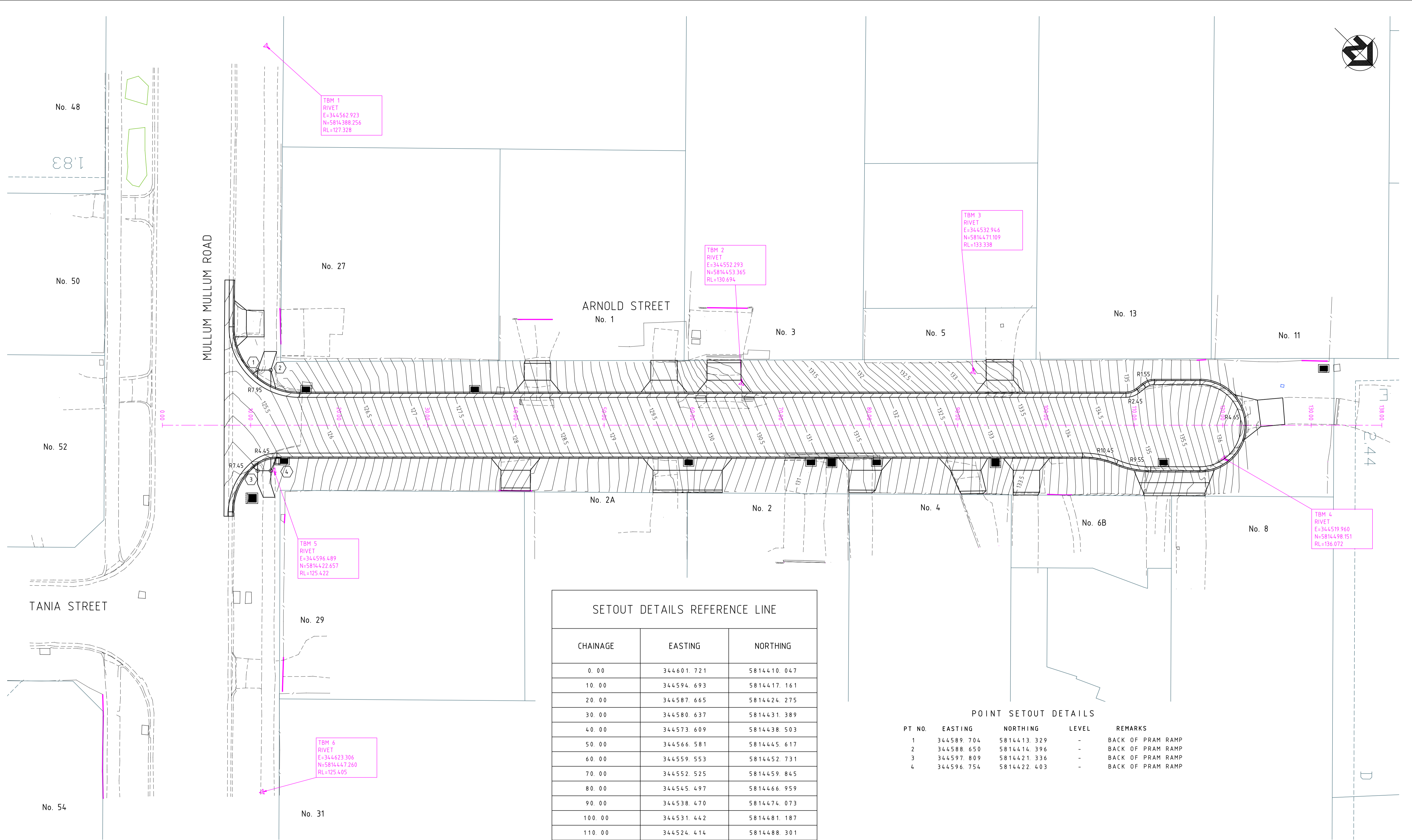
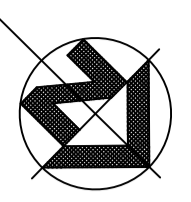
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CLIENT:

ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
SUBSURFACE DRAINAGE PLAN

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 4 OF 14    SIZE: A1



SETOUT DETAILS REFERENCE LINE

CHAINAGE	EASTING	NORTHING
0.00	344601.721	5814410.047
10.00	344594.693	5814417.161
20.00	344587.665	5814424.275
30.00	344580.637	5814431.389
40.00	344573.609	5814438.503
50.00	344566.581	5814445.617
60.00	344559.553	5814452.731
70.00	344552.525	5814459.845
80.00	344545.497	5814466.959
90.00	344538.470	5814474.073
100.00	344531.442	5814481.187
110.00	344524.414	5814488.301
120.00	344517.386	5814495.415
130.00	344510.358	5814502.529
138.00	344504.736	5814508.220

POINT SETOUT DETAILS

PT. NO.	EASTING	NORTHING	LEVEL	REMARKS
1	344589.704	5814413.329	-	BACK OF PRAM RAMP
2	344588.650	5814414.396	-	BACK OF PRAM RAMP
3	344597.809	5814421.336	-	BACK OF PRAM RAMP
4	344596.754	5814422.403	-	BACK OF PRAM RAMP

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LEGEND	DESCRIPTION
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—S—	EX TELSTRA CABLE & PIT
—W—	EX SEWER & PIT
—M—	EX WATER MAIN
—ABW—	EX ABANDONED WATER MAIN
—G—	EX GAS MAIN
—ABG—	EX ABANDONED GAS MAIN
—E—	EX U/G ELECTRICITY CABLE
—E—	EX O/H ELECTRICITY CABLE
—O—	EX OPTUS CABLE
—HD—	EX HOUSE DRAIN
—TS—	STOP VALVE
—FP—	FIRE PLUG
—FH—	FIRE HYDRANT (ABOVE GROUND)
—FG—	FIRE HYDRANT (GROUND LEVEL)
—ESP—	ELECTRICITY SUPPLY POLE
—E.S.P.—	E.S.P. WITH LIGHT
—LP—	LIGHT POLE ONLY
—TP—	TELECOM PILLAR
—EP—	EXISTING POST
—TS—	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL
—TSP—	TRAFFIC SIGNAL POLE
—F—	FENCE
—EX SIGN—	EX. SIGN
—EB—	EXISTING BOLLARD
—RUBBISH BIN—	RUBBISH BIN
—PSM—	PSM
—STN/TBM—	STN/TBM
—UNCLASSIFIED PIT—	UNCLASSIFIED PIT
—TREE—	TREE
—LIMIT OF WORKS—	LIMIT OF WORKS
—EX DRAIN & PIT—	EX DRAIN & PIT
—PROPOSED DRAIN & PIT—	PROPOSED DRAIN & PIT

NO.	AMENDMENTS	DATE

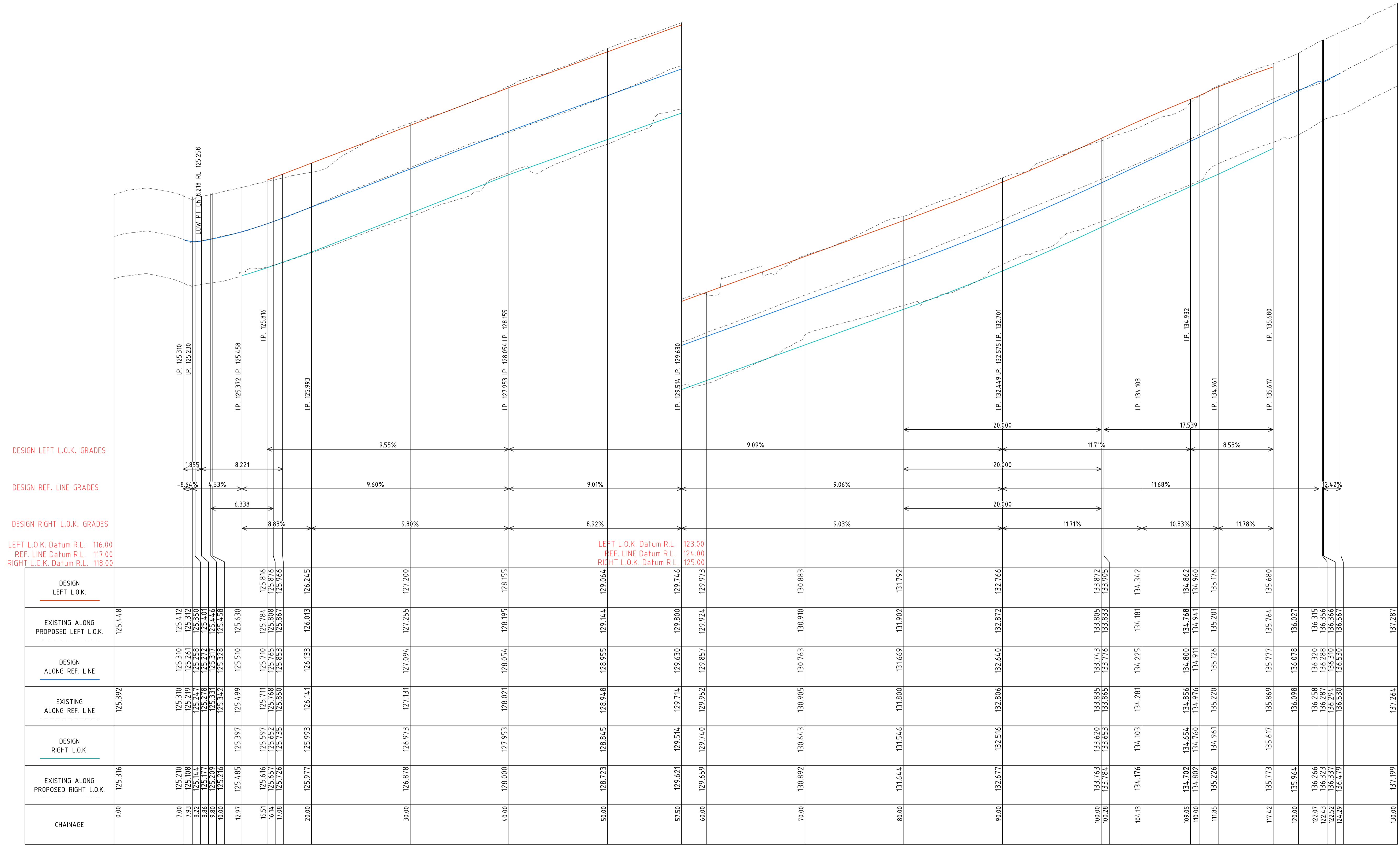
**CRE CONSULTING ENGINEERS PTY LTD**  
Civil • Municipal • Drainage • Project Management  
704 Mount Alexander Road, Moonee Ponds, Vic, 3039  
Phone: (03) 9370 5522 / (03) 9370 5533  
Email: admin@creconsulting.com.au

DESIGNED : CRE	DATE : 02/11/20
CHECKED :	DATE :
SURVEYED : FT	DATE : NOV 2020
SURVEY DATUM : A.H.D. & M.G.A.	
SCALES : AS SHOWN	@A1



**ARNOLD STREET, RINGWOOD ROAD RECONSTRUCTION**  
DESIGN CONTOUR & SETOUT PLAN

CRE REF: 2541--(REV-P8).DWG  
CRE REV. NO.: P8  
AMEND. NO.: -  
DWG. NO. **2541**  
SHEET: 5 OF 14    SIZE: A1



DESIGN LEFT L.O.K. GRADES  
 DESIGN REF. LINE GRADES  
 DESIGN RIGHT L.O.K. GRADES  
 LEFT L.O.K. Datum R.L. 116.00  
 REF. LINE Datum R.L. 117.00  
 RIGHT L.O.K. Datum R.L. 118.00

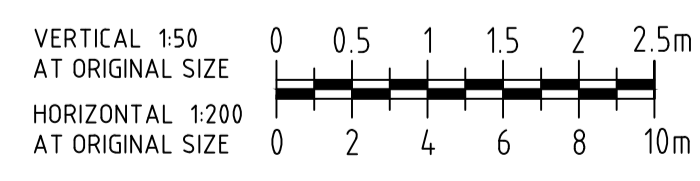
LEFT L.O.K. Datum R.L. 123.00  
 REF. LINE Datum R.L. 124.00  
 RIGHT L.O.K. Datum R.L. 125.00

CHAINAGE	0.00	7.00	7.93	8.22	8.86	9.80	10.00	12.97	15.51	16.14	17.08	20.00	30.00	40.00	50.00	57.50	60.00	70.00	80.00	90.00	100.00	100.28	104.13	109.05	110.00	111.85	117.42	120.00	122.07	122.43	122.52	124.29	130.00			
DESIGN LEFT L.O.K.																																				
EXISTING ALONG PROPOSED LEFT L.O.K.	125.448	125.412	125.310	125.261	125.312	125.258	125.401	125.510	125.784	125.808	125.867	125.966	126.245	127.200	128.155	129.630	129.746	129.883	131.792	132.766	133.872	133.805	133.872	134.181	134.862	134.960	135.176	135.680	136.027	136.315	136.288	136.356	136.366	136.567	137.287	
DESIGN ALONG REF. LINE		125.310	125.219	125.247	125.278	125.331	125.446	125.510	125.710	125.765	125.853	126.245	127.094	128.054	129.630	129.714	129.857	130.763	131.669	132.640	133.743	133.805	133.872	134.225	134.800	134.911	135.176	135.771	136.078	136.258	136.288	136.356	136.366	136.530	137.287	
EXISTING ALONG REF. LINE	125.392	125.310	125.219	125.247	125.278	125.331	125.342	125.499	125.711	125.768	125.850	126.141	127.131	128.021	129.714	129.952	130.905	131.800	132.696	133.606	134.516	135.426	136.336	137.246	138.156	139.066	139.976	140.886	141.796	142.706	143.616	144.526	145.436	146.346	147.256	148.166
DESIGN RIGHT L.O.K.																																				
EXISTING ALONG PROPOSED RIGHT L.O.K.	125.316	125.210	125.108	125.144	125.177	125.209	125.216	125.485	125.616	125.657	125.776	125.977	126.878	127.973	129.068	129.621	130.174	130.727	131.280	131.833	132.386	132.939	133.492	134.045	134.598	135.151	135.704	136.257	136.810	137.363	137.916	138.469	139.022	139.575	140.128	140.681

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—T—	EX TELSTRA CABLE & PIT	◆	STOP VALVE
—S—	EX SEWER & PIT	◆	FIRE PLUG
—W—	EX WATER MAIN	◆	FIRE HYDRANT (ABOVE GROUND)
—ABW—	EX ABANDONED WATER MAIN	◆	FIRE HYDRANT (GROUND LEVEL)
—G—	EX GAS MAIN	◆	ELECTRICITY SUPPLY POLE
—ABG—	EX ABANDONED GAS MAIN	◆	E.S.P. WITH LIGHT
—E—	EX U/G ELECTRICITY CABLE	◆	LIGHT POLE ONLY
—E—	EX O/H ELECTRICITY CABLE	◆	TELECOM PILLAR
—O—	EX OPTUS CABLE	◆	EXISTING POST
—HD—	HOUSE DRAIN	◆	

—TS—	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL	NO.	
—TSP—	TRAFFIC SIGNAL POLE		
—F—	FENCE		
—EX SIGN—	EX. SIGN		
—EX BOLLARD—	EXISTING BOLLARD		
—RUBBISH BIN—	RUBBISH BIN		
—PSM—	PROPOSED DRAIN & PIT		
—STN/TBM—	STATION/TUNNEL BENCH MARK		
		AMENDMENTS	DATE

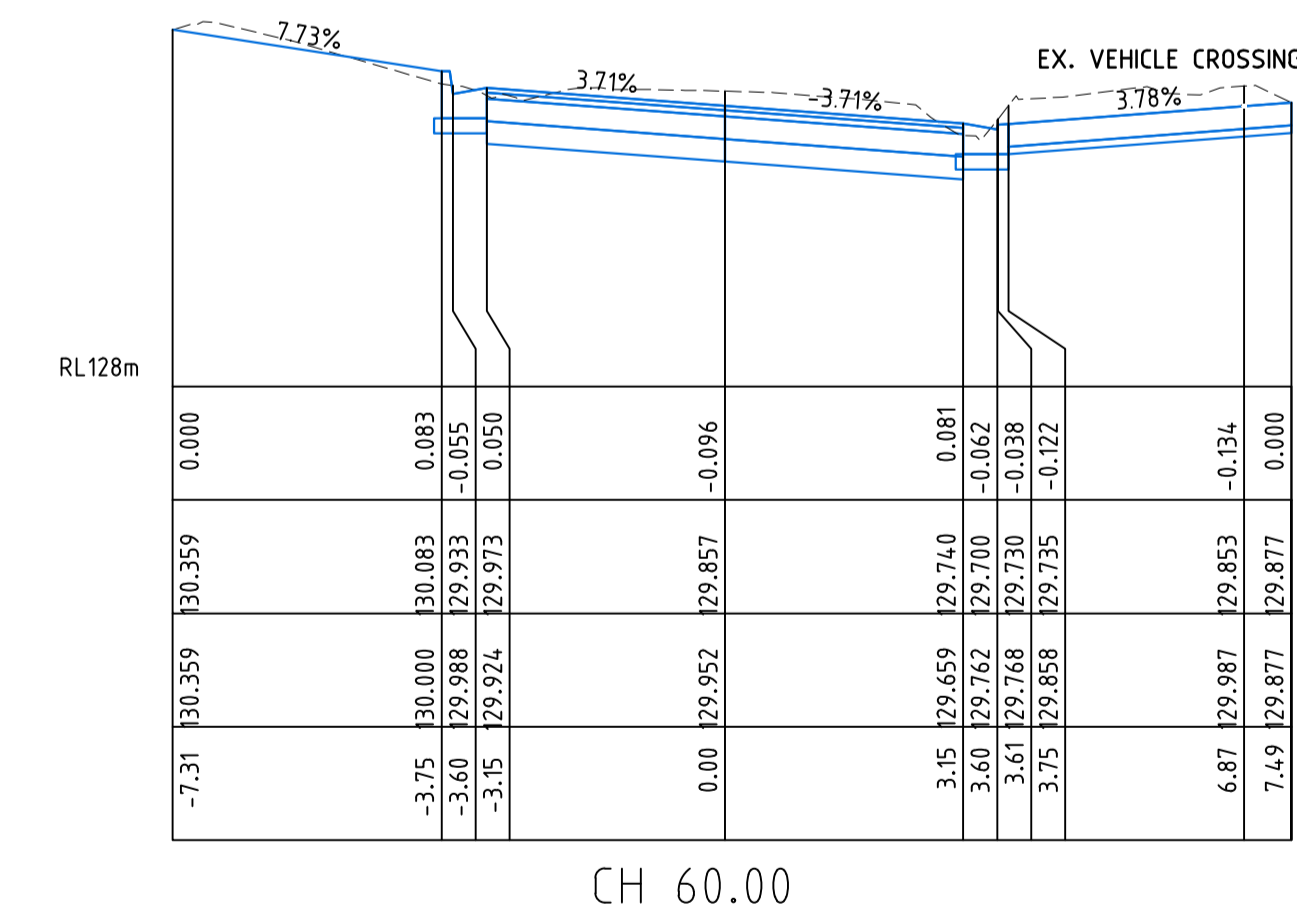
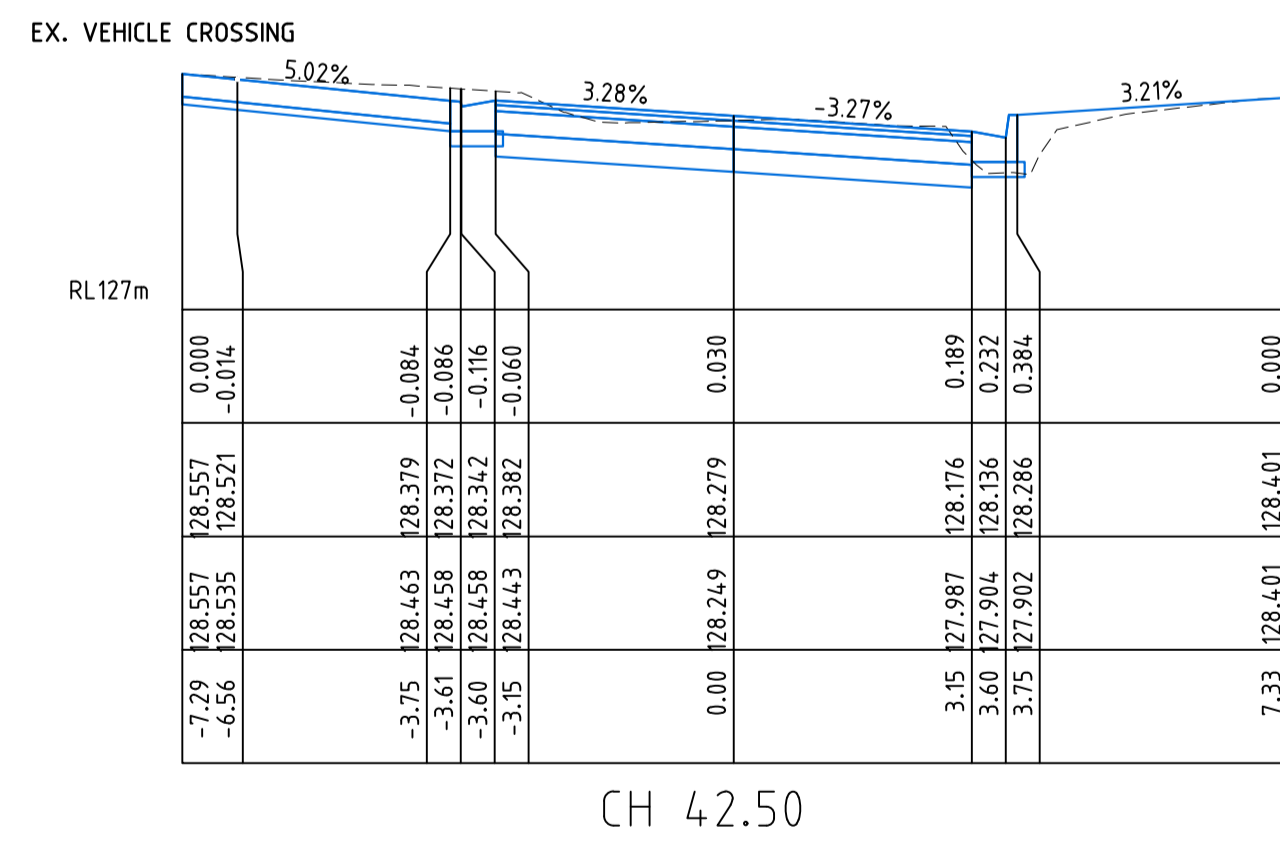
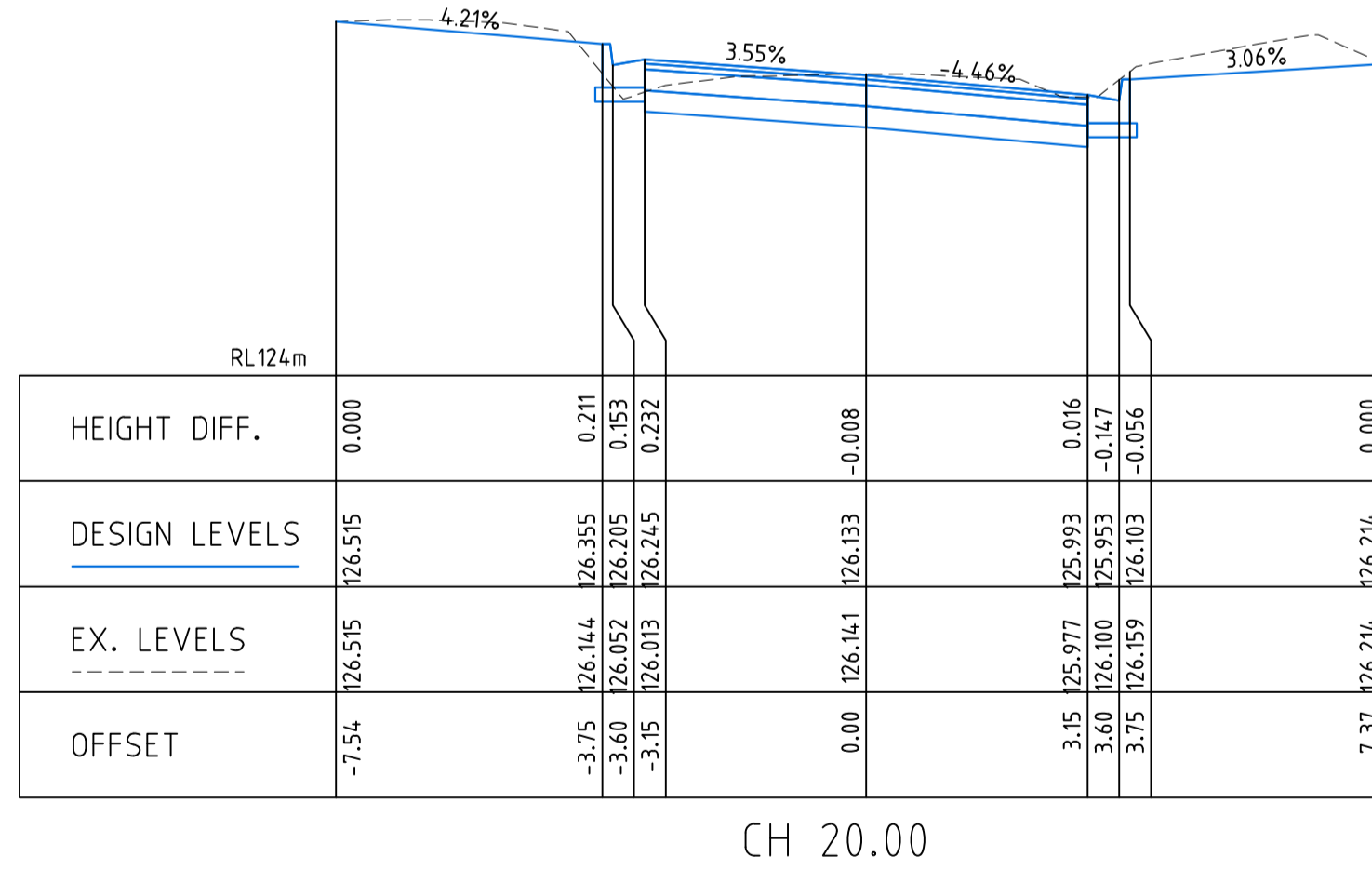
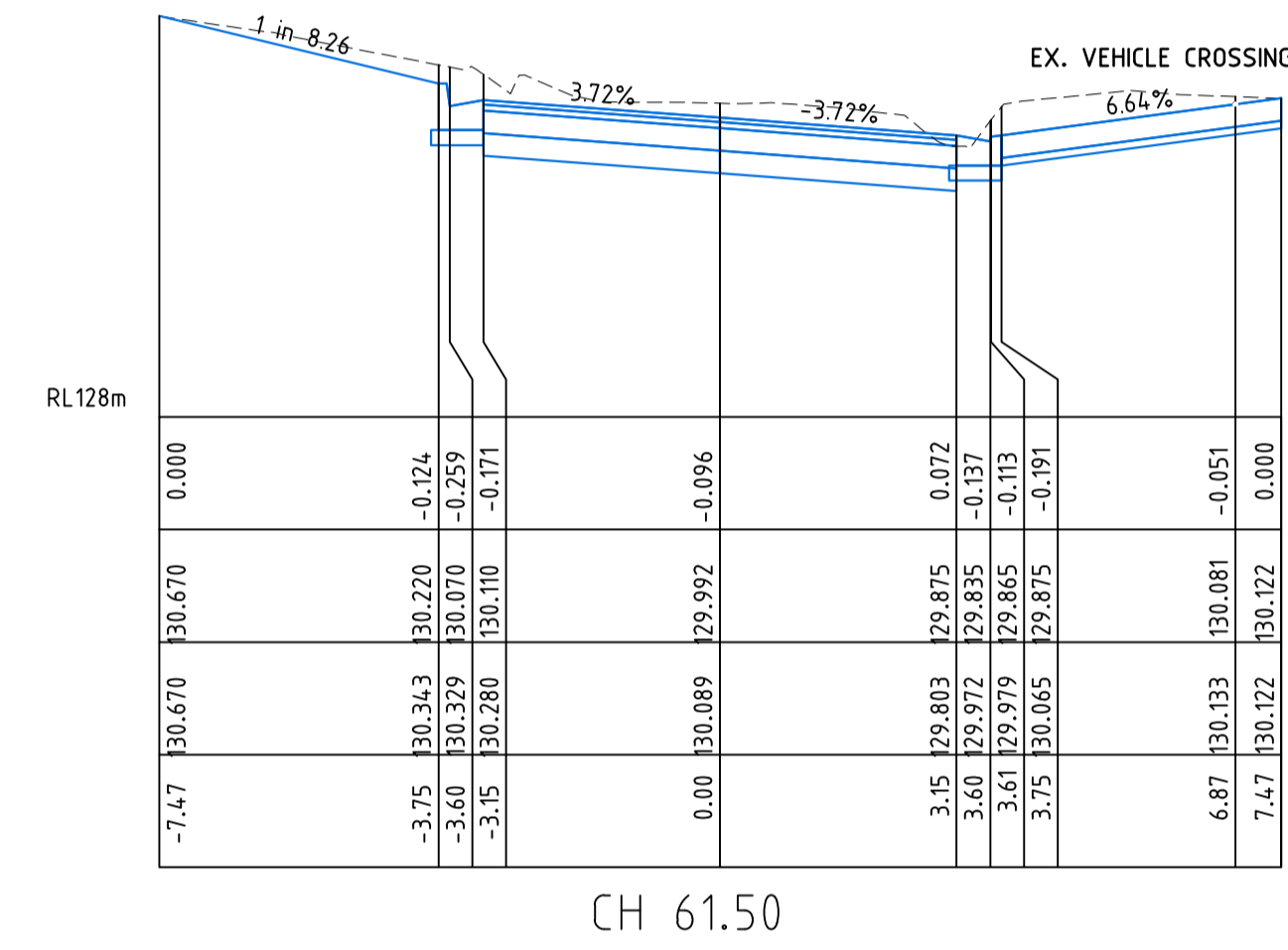
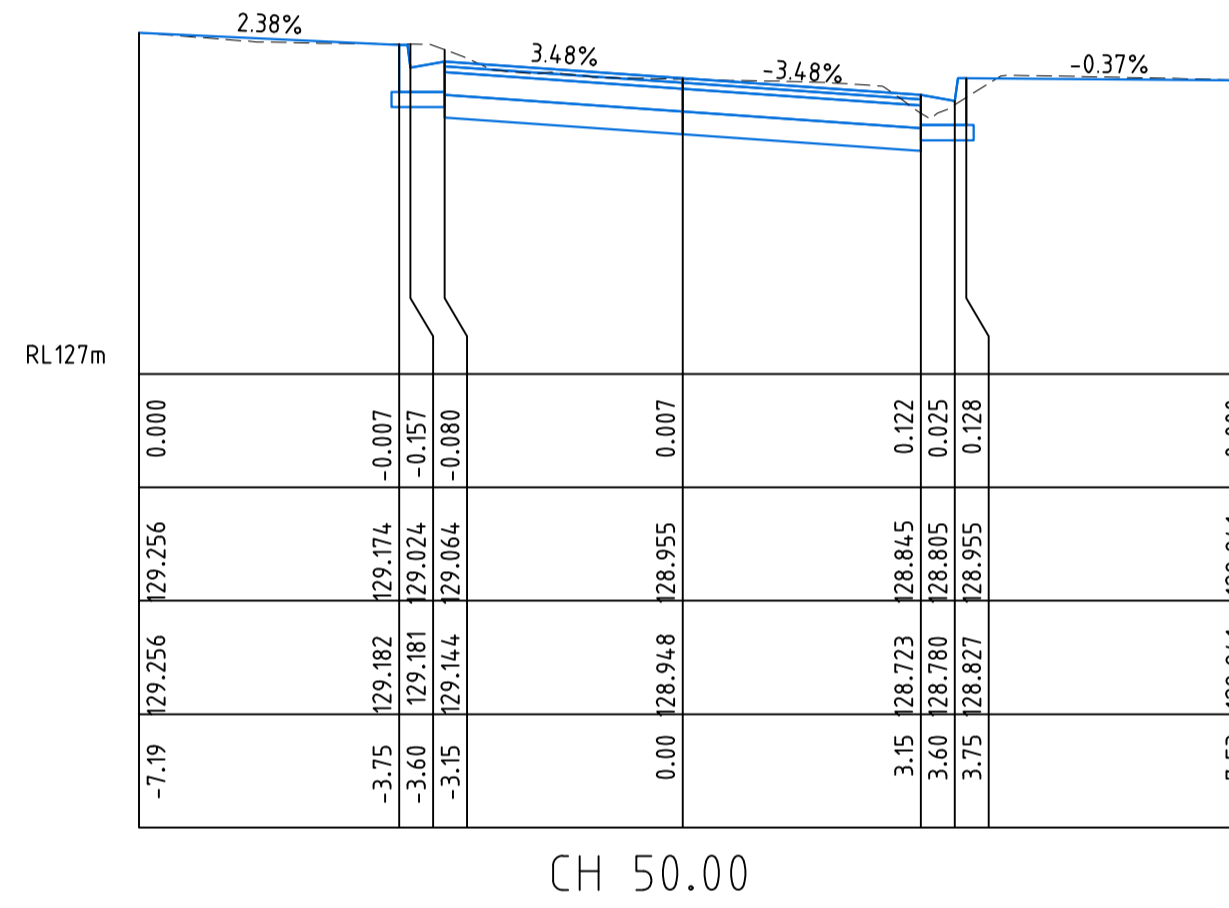
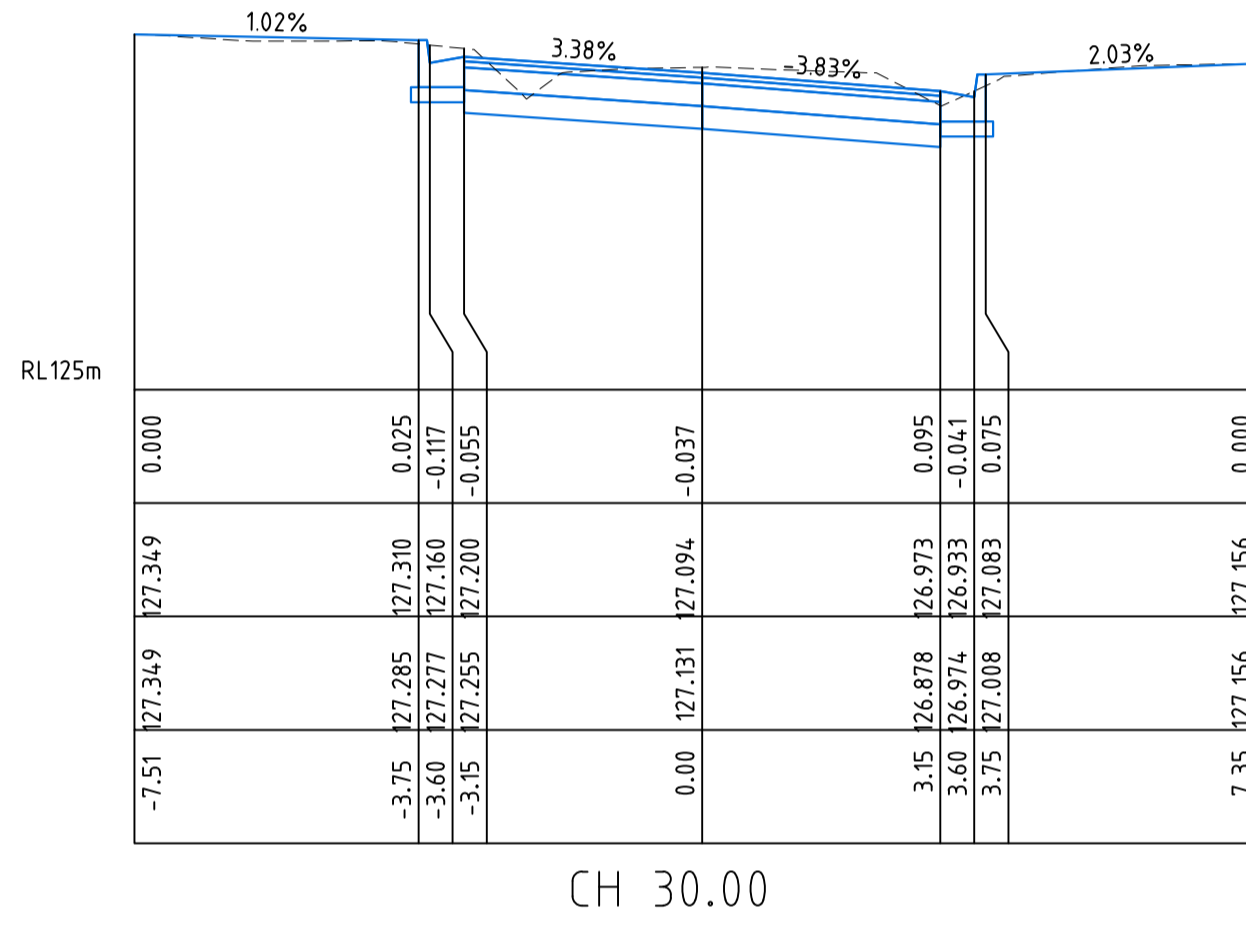
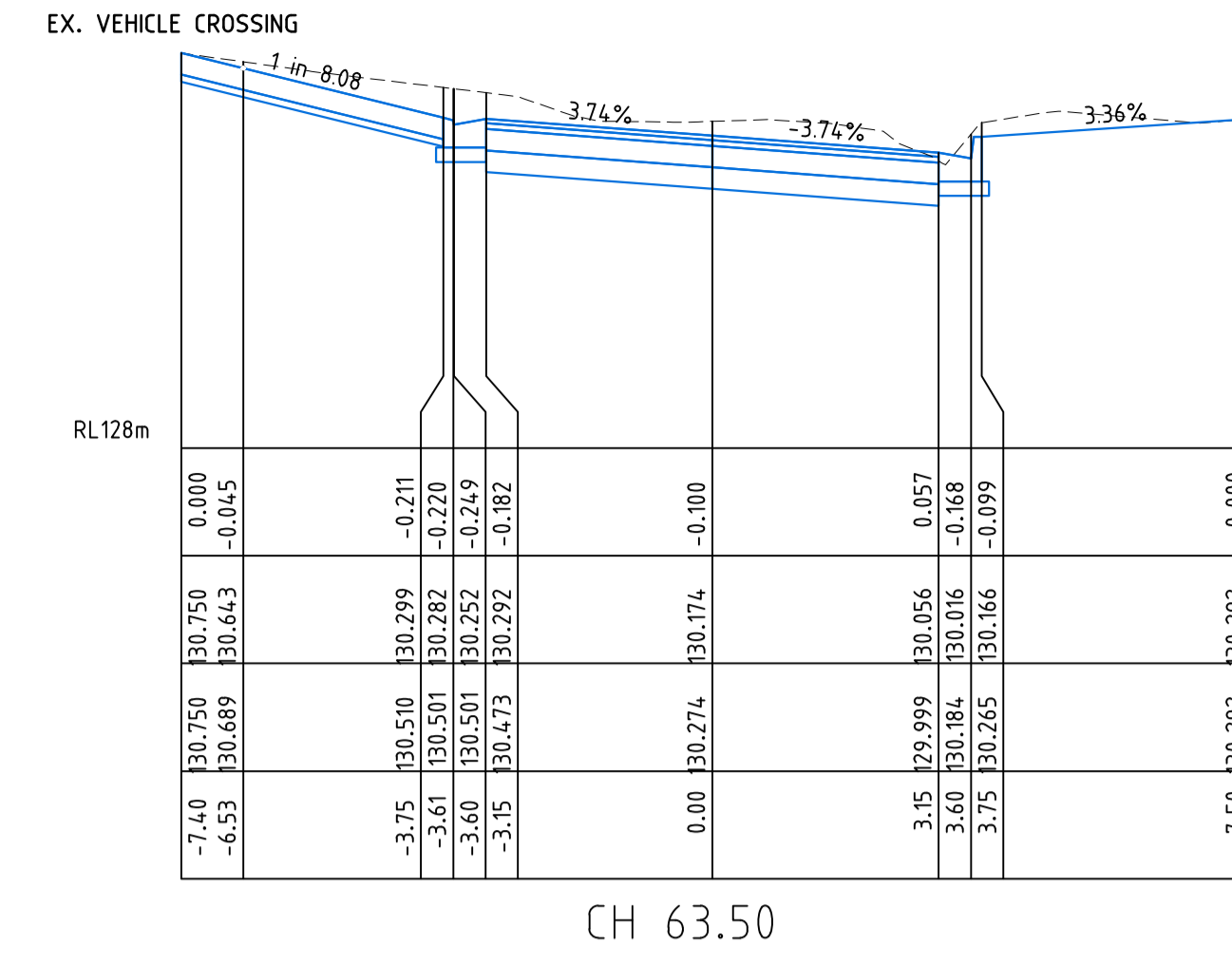
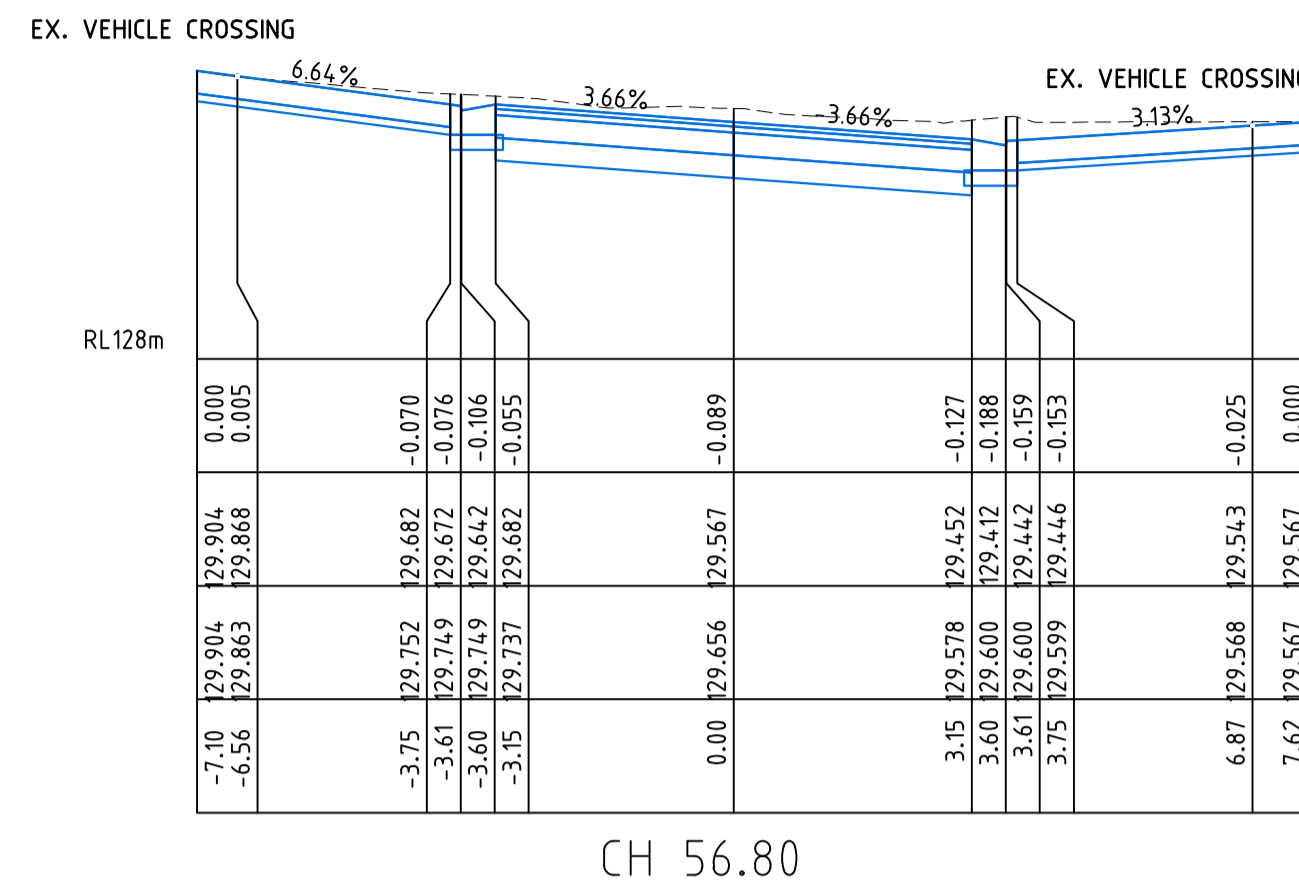
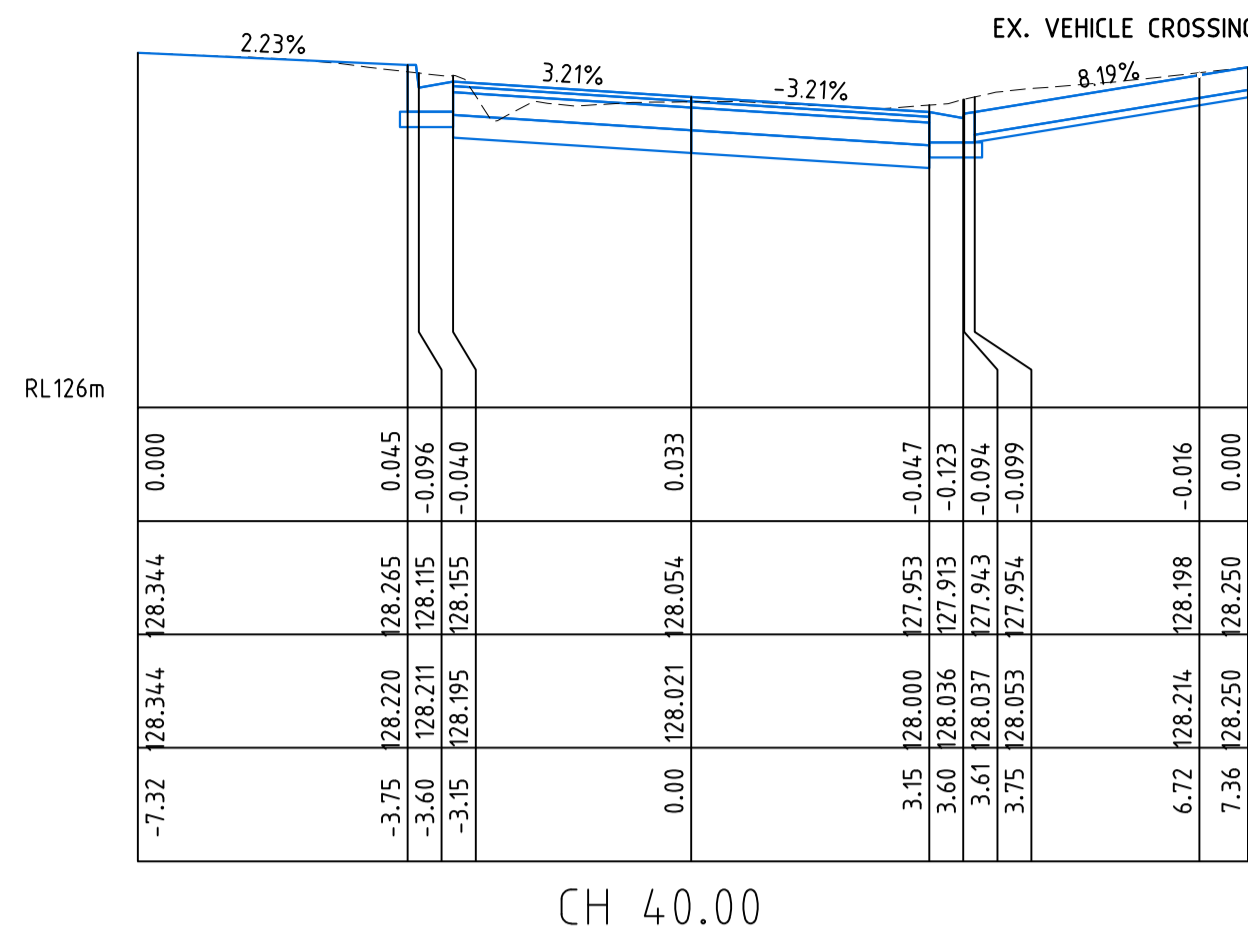
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DESIGNED : CRE	DATE : 02/11/20
CHECKED :	
DATE :	
SURVEYED : FT	DATE : NOV 2020
SURVEY DATUM : A.H.D. & M.G.A.	
SCALES : AS SHOWN	①A1

CLIENT:

**ARNOLD STREET, RINGWOOD  
 ROAD RECONSTRUCTION**  
 LONGITUDINAL SECTION

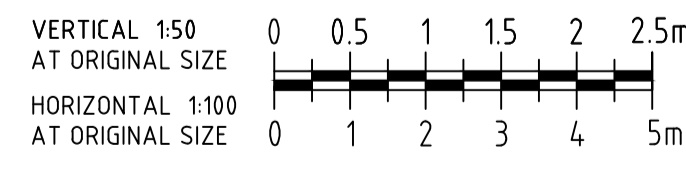
CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 6 OF 14
SIZE: A1



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—T—	EX TELSTRA OPTIC FIBRE	—HPC—	EX HIGH PRESSURE GAS MAIN
—T—	EX TELSTRA CABLE & PIT	—S—	EX SOWER & PIT
—W—	EX WATER MAIN	—G—	EX GAS MAIN
—ABW—	EX ABANDONED WATER MAIN	—ABG—	EX ABANDONED GAS MAIN
—E—	EX U/G ELECTRICITY CABLE	—E—	EX O/H ELECTRICITY CABLE
—O—	EX OPTUS CABLE	—HD—	EX HOUSE DRAIN
—STOP VALVE		—TRAFFIC SIGNAL PIT, CABLE, PEDESTAL	
—FIRE PLUG		—TRAFFIC SIGNAL POLE	
—FIRE HYDRANT (ABOVE GROUND)		—FENCE	
—FIRE HYDRANT (GROUND LEVEL)		—EX. SIGN	
—ELECTRICITY SUPPLY POLE		—LIMIT OF WORKS	
—E.S.P. WITH LIGHT		—EXISTING BOLLARD	
—LIGHT POLE ONLY		—EX DRAIN & PIT	
—TELECOM PILLAR		—PROPOSED DRAIN & PIT	
—EXISTING POST		—RUBBISH BIN	
—PSM		—STN/TBM	

NO.	AMENDMENTS	DATE

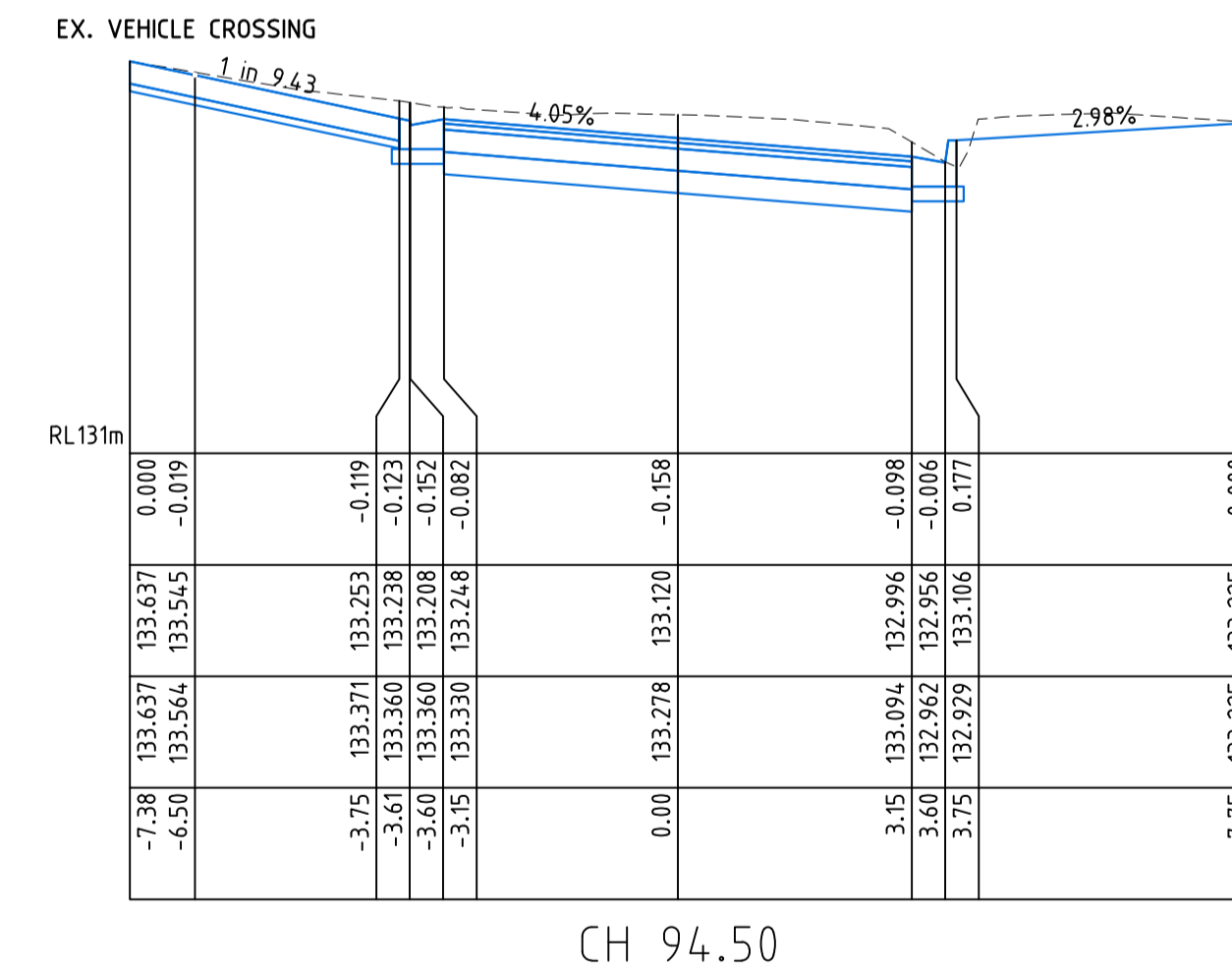
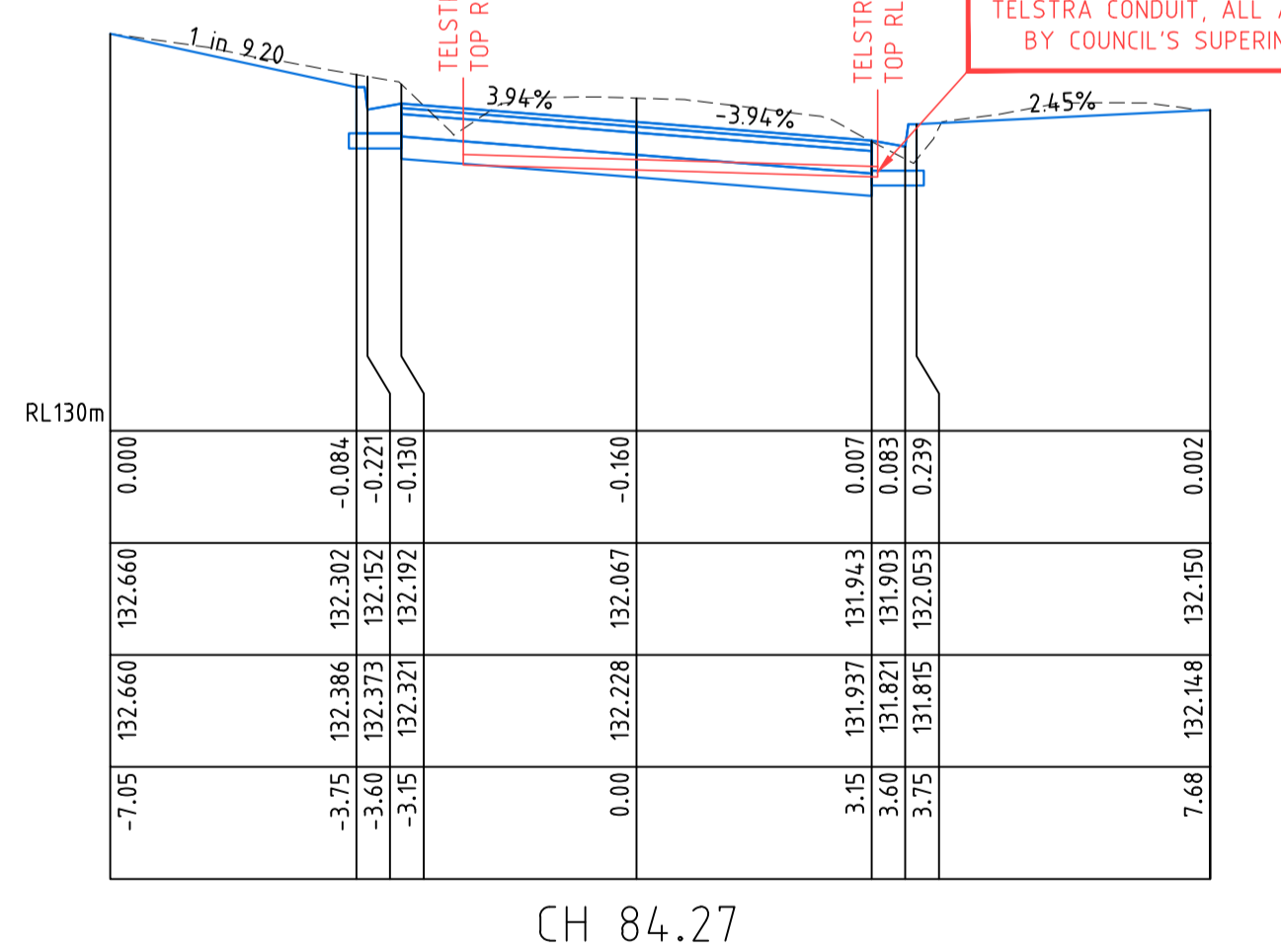
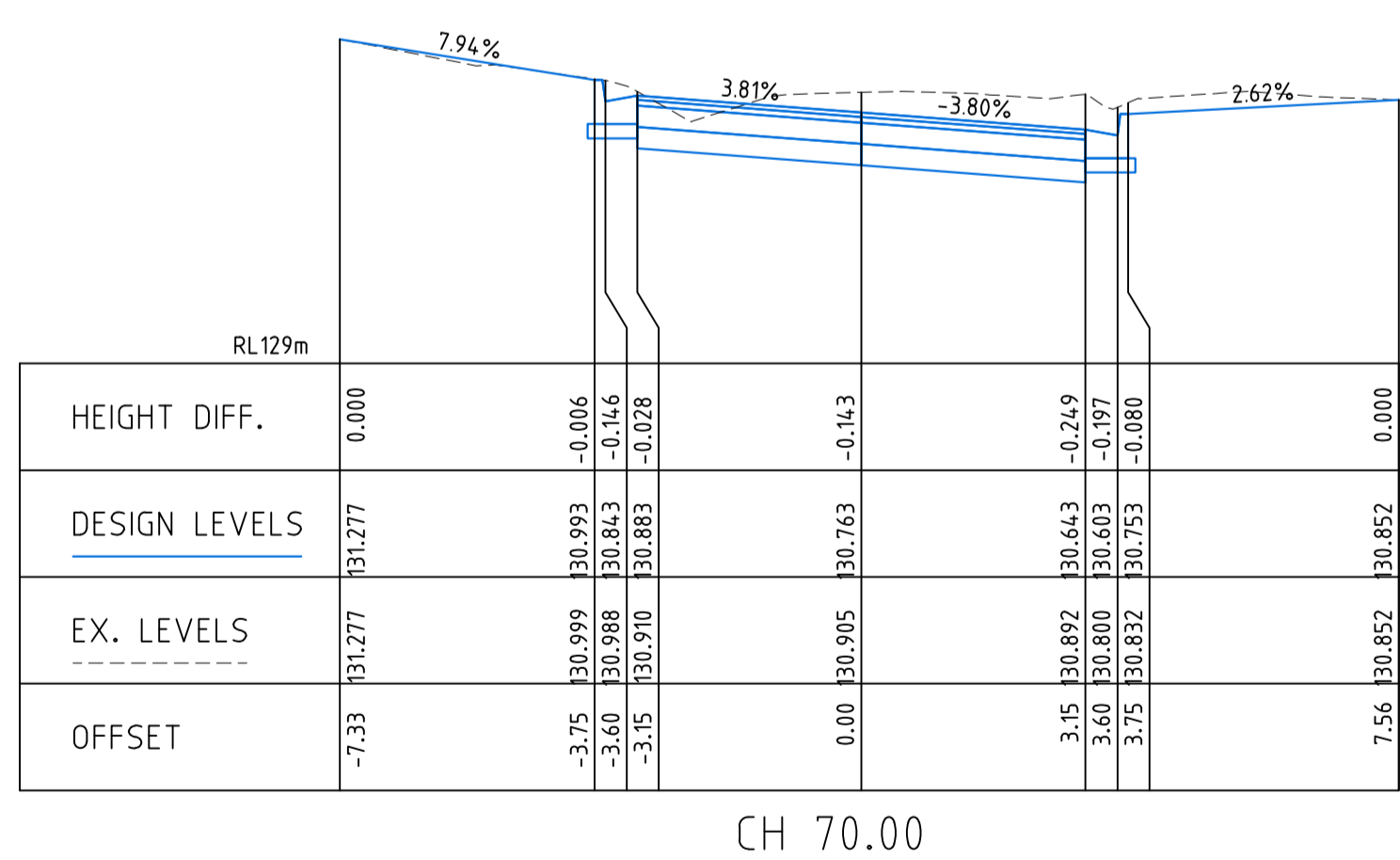
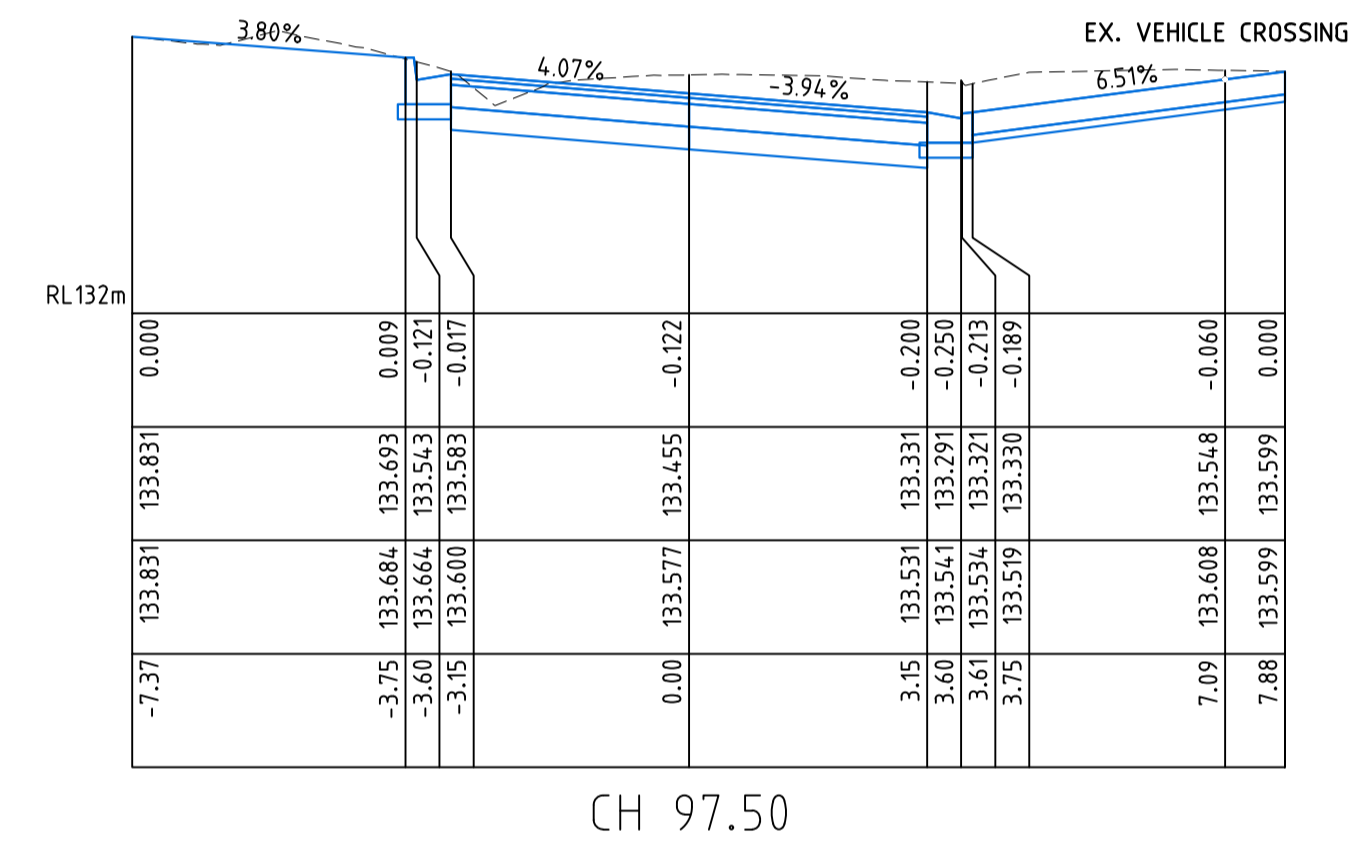
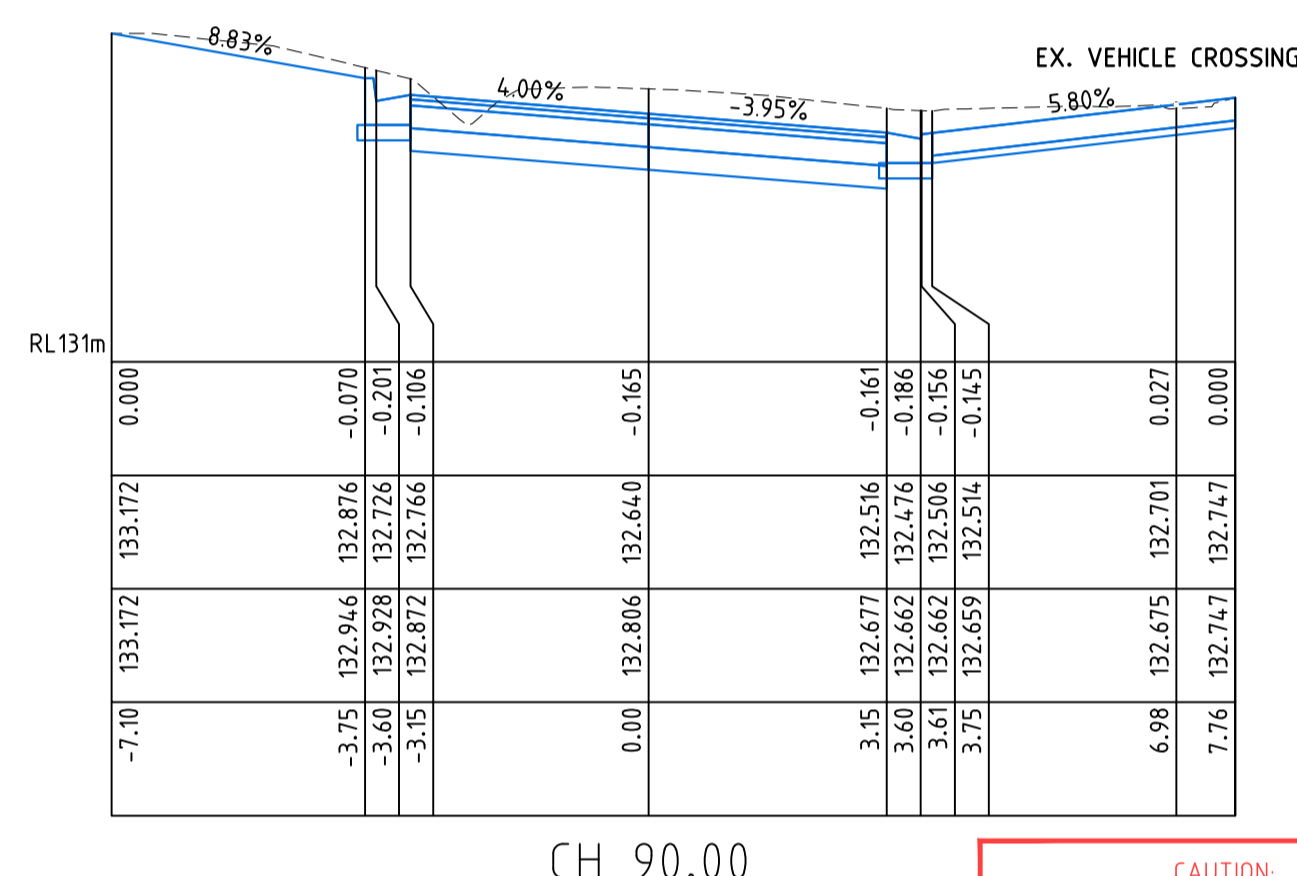
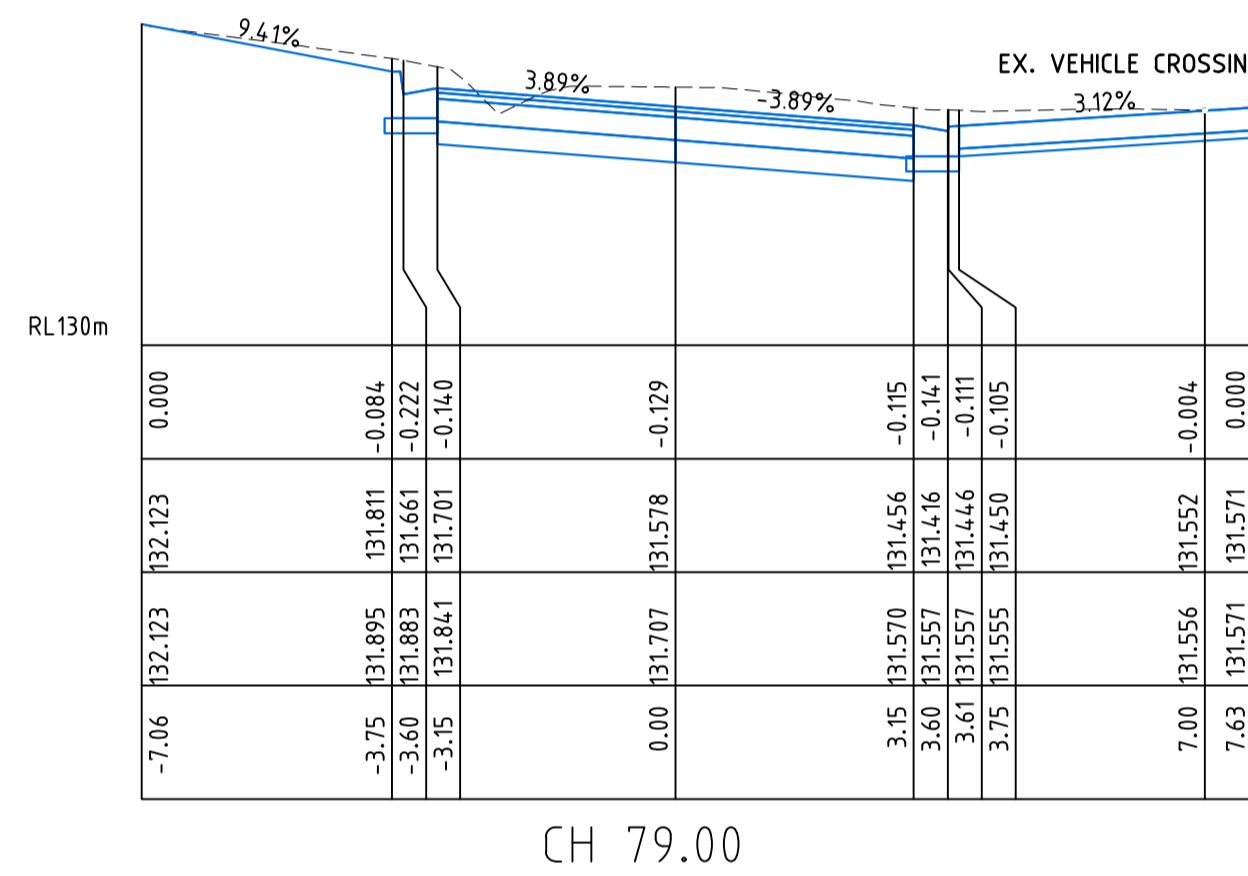
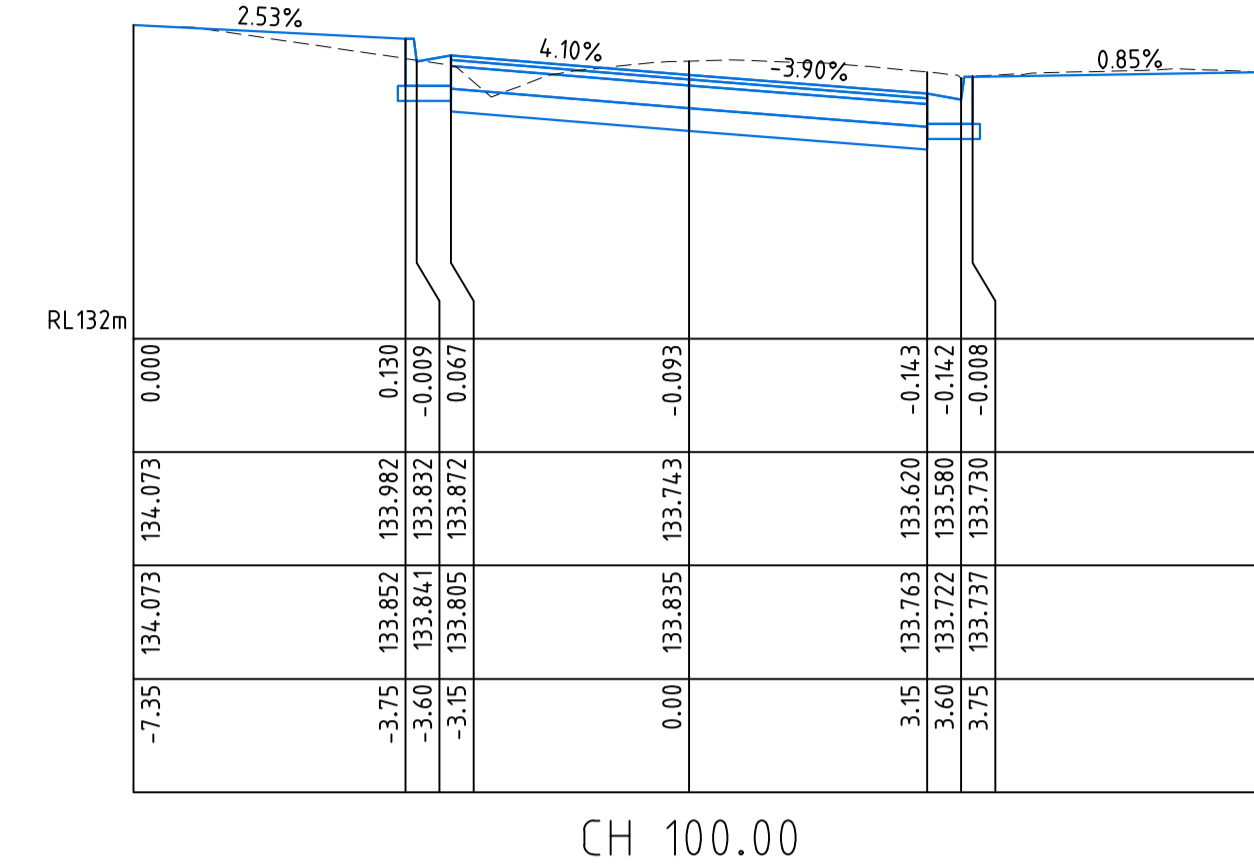
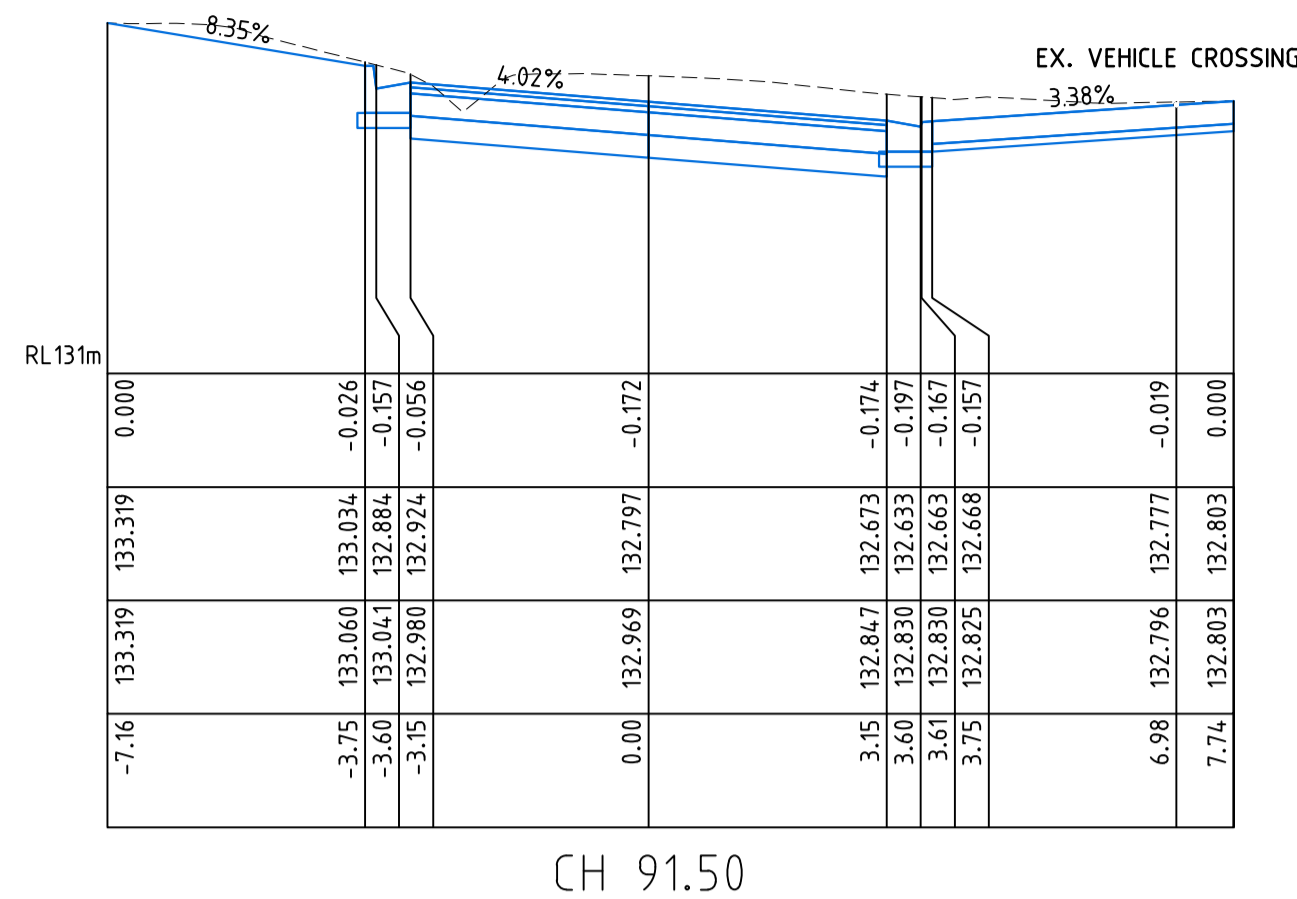
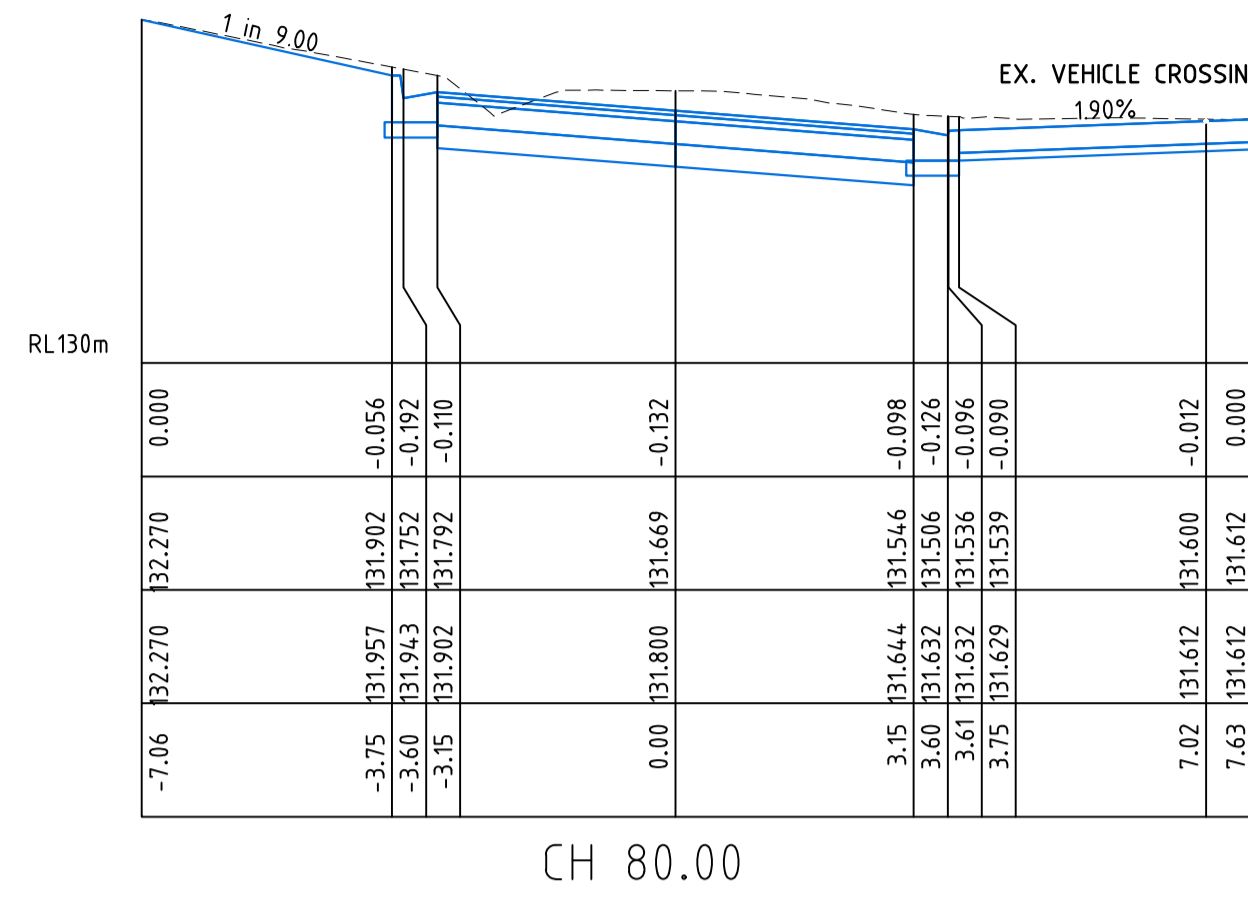
**CRE**  
CRE CONSULTING ENGINEERS PTY LTD  
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Phone: (03) 9370 5522 / (03) 9370 5533  
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DESIGNED : CRE	DATE : 02/11/20
CHECKED :	DATE :
SURVEYED : FT	DATE : NOV 2020
SURVEY DATUM : A.H.D. & M.G.A.	
SCALES : AS SHOWN	©A1



ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
CROSS SECTIONS

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 7 OF 14
SIZE: A1

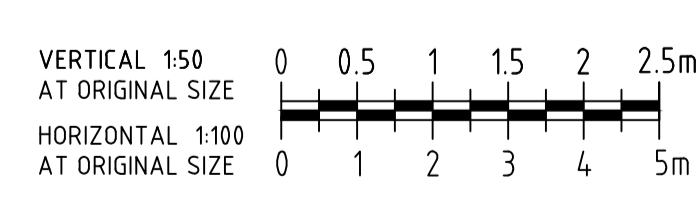


**CAUTION:**  
CONTRACTOR TO TAKE CAUTION WHEN EXCAVATING FOR PROPOSED ROAD PAVEMENT AND KERB & CHANNEL IN VICINITY OF EXISTING 500 TELSTRA CONDUIT. KERB & CHANNEL TO BE CONSTRUCTED CLEAR OF EXISTING TELSTRA CONDUIT. ALL AS DIRECTED BY COUNCIL'S SUPERINTENDENT.

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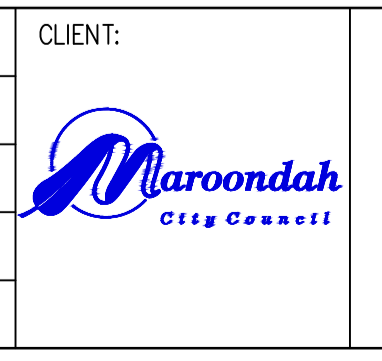
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<ul style="list-style-type: none"> <li>TOP - EX TELSTRA OPTIC FIBRE</li> <li>HPG - EX HIGH PRESSURE GAS MAIN</li> <li>T - EX TELSTRA CABLE &amp; PIT</li> <li>S - EX SEWER &amp; PIT</li> <li>W - EX WATER MAIN</li> <li>ABW - EX ABANDONED WATER MAIN</li> <li>G - EX GAS MAIN</li> <li>ABG - EX ABANDONED GAS MAIN</li> <li>E - EX U/G ELECTRICITY CABLE</li> <li>EA - EX O/H ELECTRICITY CABLE</li> <li>O - EX OPTUS CABLE</li> <li>HD - EX HOUSE DRAIN</li> <li>STOP VALVE</li> <li>FIRE PLUG</li> <li>FIRE HYDRANT (ABOVE GROUND)</li> <li>FIRE HYDRANT (GROUND LEVEL)</li> <li>ELECTRICITY SUPPLY POLE</li> <li>E.S.P. WITH LIGHT</li> <li>LIGHT POLE ONLY</li> <li>TELECOM PILLAR</li> <li>EXISTING POST</li> <li>TRAFFIC SIGNAL PIT, CABLE, PEDESTAL</li> <li>TRAFFIC SIGNAL POLE</li> <li>UNCLASSIFIED PIT</li> <li>FENCE</li> <li>EX. SIGN</li> <li>EXISTING BOLLARD</li> <li>RUBBISH BIN</li> <li>PSM</li> <li>STN/TBM</li> <li>LIMIT OF WORKS</li> <li>EX DRAIN &amp; PIT</li> <li>PROPOSED DRAIN &amp; PIT</li> </ul>	NO.	AMENDMENTS	DATE
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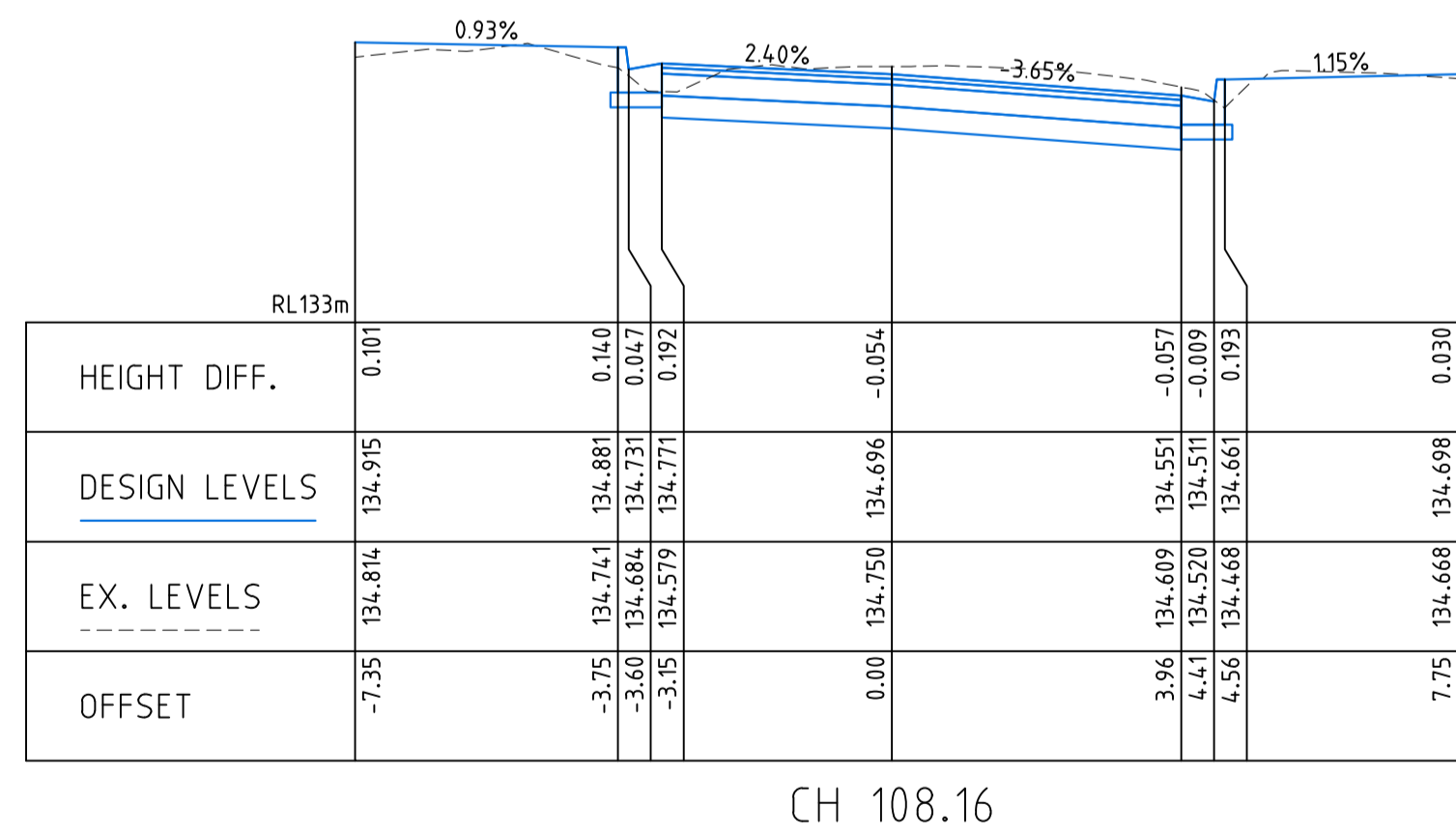
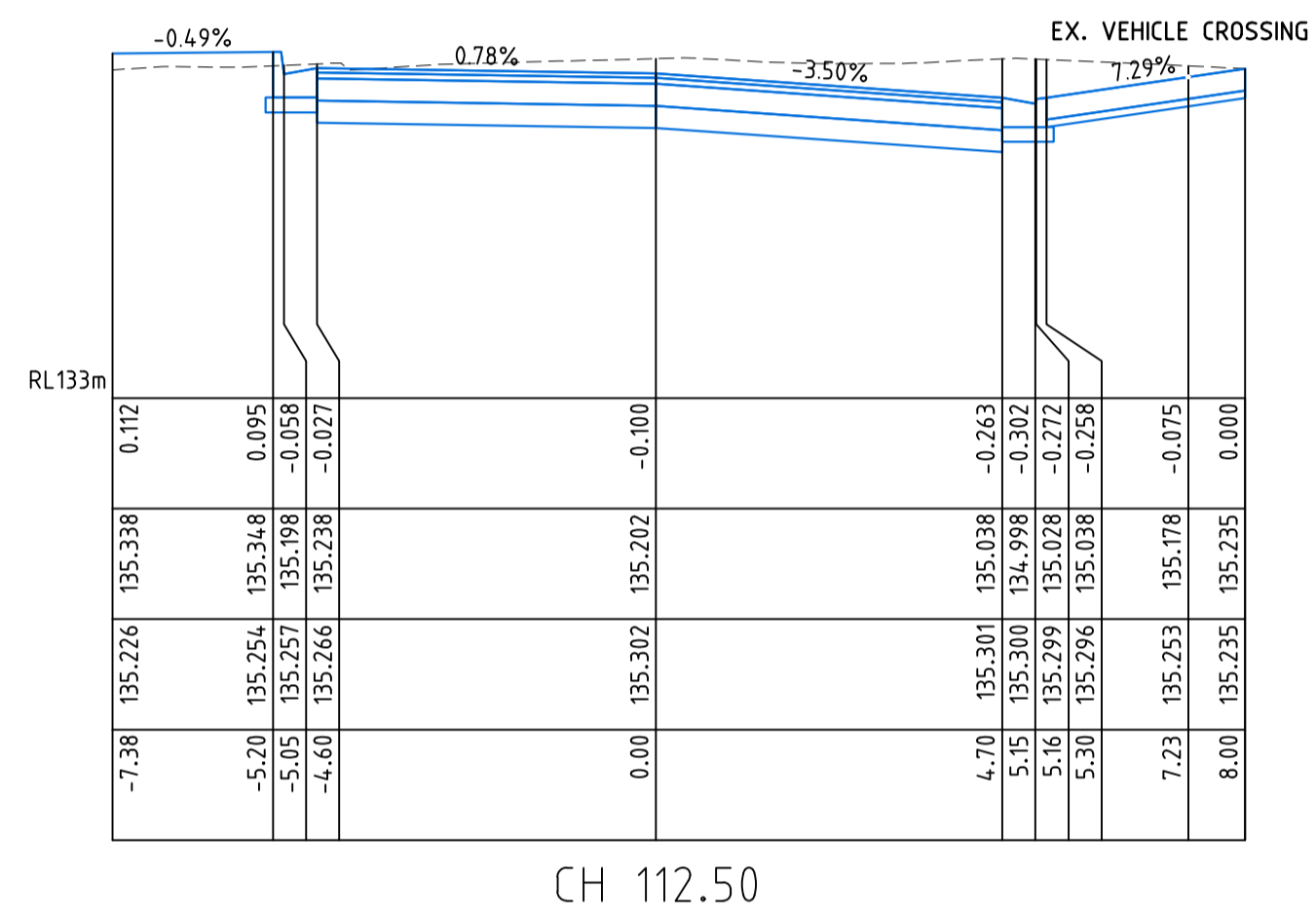
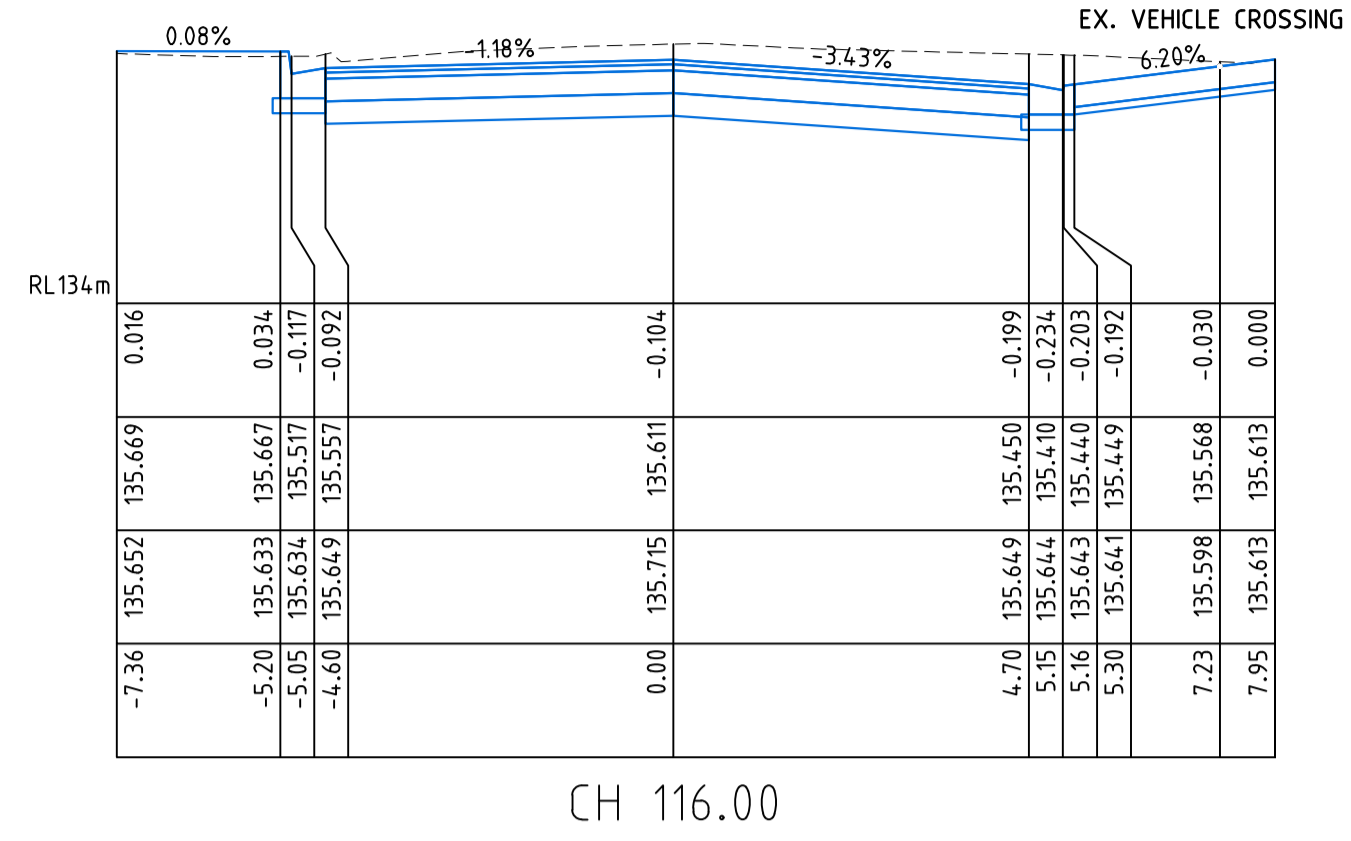
DESIGNED : CRE DATE : 02/11/20  
CHECKED : DATE :  
SURVEYED : FT DATE : NOV 2020  
SURVEY DATUM : A.H.D. & M.G.A.  
SCALES : AS SHOWN @A1



**ARNOLD STREET, RINGWOOD ROAD RECONSTRUCTION**  
CROSS SECTIONS

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 8 OF 14 SIZE: A1

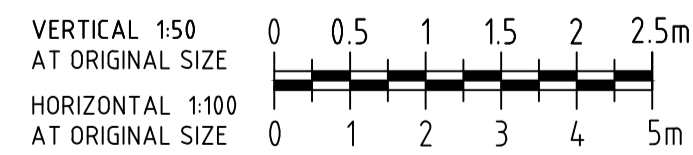




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LEGEND	DESCRIPTION
	EX TELSTRA OPTIC FIBRE
	EX HIGH PRESSURE GAS MAIN
	EX TELSTRA CABLE & PIT
	EX SEWER & PIT
	EX WATER MAIN
	EX ABANDONED WATER MAIN
	EX GAS MAIN
	EX ABANDONED GAS MAIN
	EX U/G ELECTRICITY CABLE
	EX O/H ELECTRICITY CABLE
	EX OPTUS CABLE
	HOUSE DRAIN

	STOP VALVE
	FIRE PLUG
	FIRE HYDRANT (ABOVE GROUND)
	FIRE HYDRANT (GROUND LEVEL)
	ELECTRICITY SUPPLY POLE
	E.S.P. WITH LIGHT
	LIGHT POLE ONLY
	TELECOM PILLAR
	EXISTING POST

	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL
	TRAFFIC SIGNAL POLE
	UNCLASSIFIED PIT
	FENCE
	EX. SIGN
	EXISTING BOLLARD
	RUBBISH BIN
	PSM
	STN/TBM
	LIMIT OF WORKS
	EX DRAIN & PIT
	PROPOSED DRAIN & PIT

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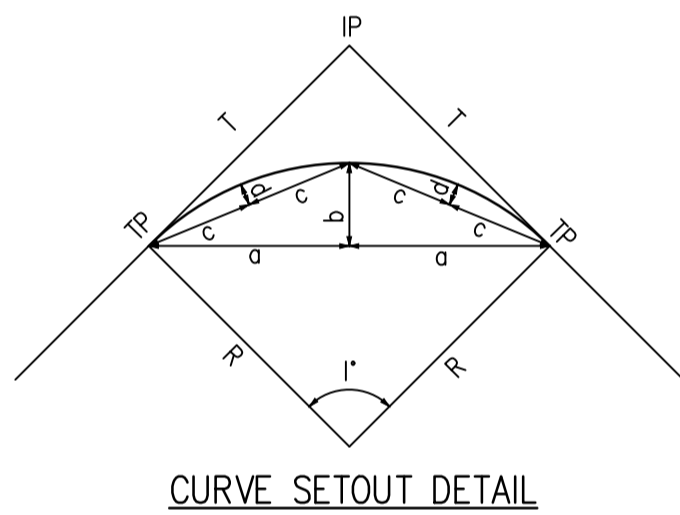
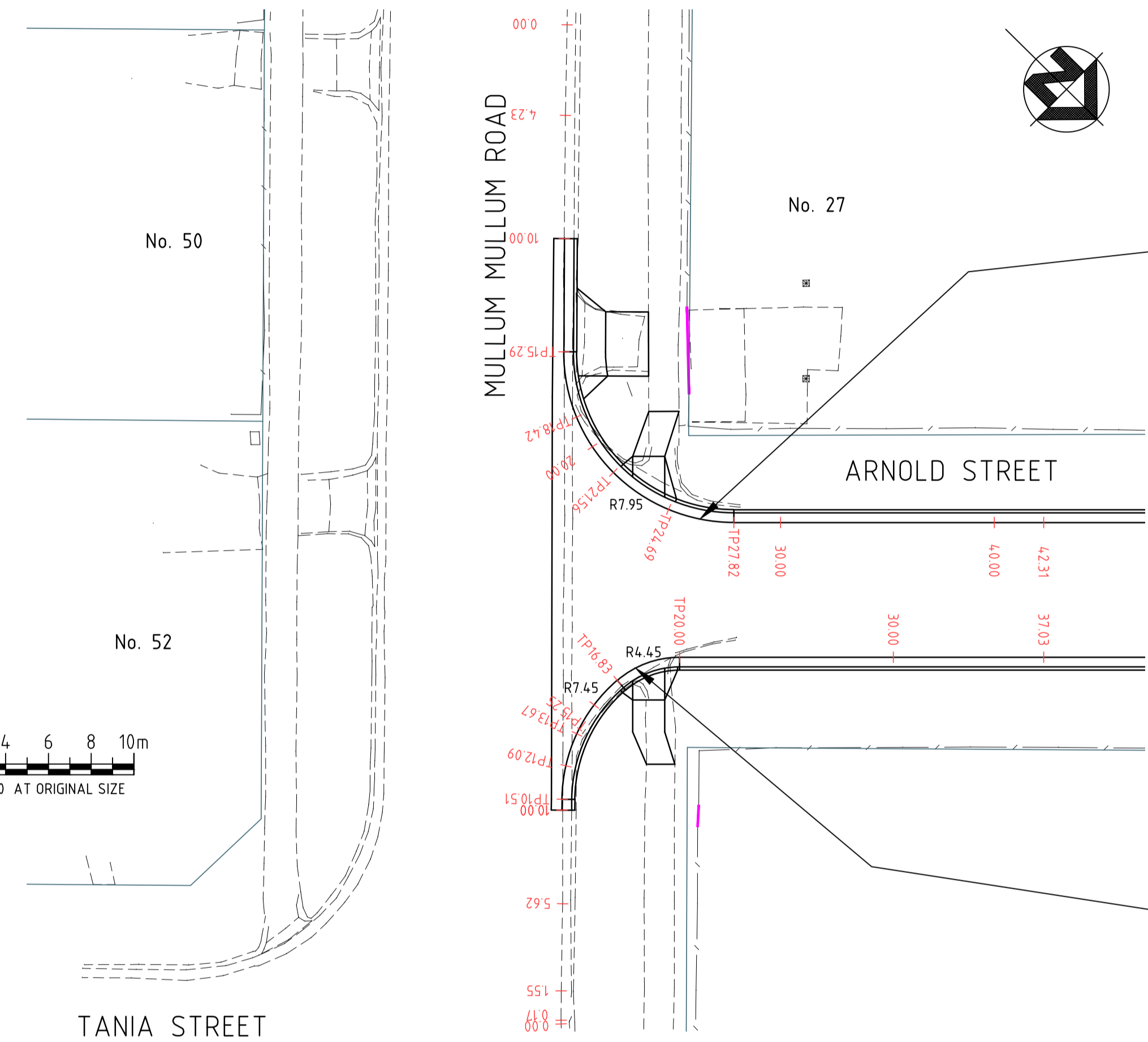
ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
CROSS SECTIONS

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 9 OF 14
SIZE: A1

SETOUT DETAILS WEST KERB RETURN			
CHAINAGE	EASTING	NORTHING	REMARKS
10.00	344584.708	5814403.889	LIP OF KERB (MATCH EX)
15.29	344588.485	5814407.597	LIP OF KERB
18.42	344590.240	5814410.166	LIP OF KERB
21.56	344590.874	5814413.212	LIP OF KERB
24.69	344590.291	5814416.268	LIP OF KERB
27.82	344588.580	5814418.866	LIP OF KERB
42.31	344578.396	5814429.175	LIP OF KERB

Ch15.29 to Ch27.82

R	7.950
I	90.275°
T	7.988
A	12.526
a	5.635
b	2.342
c	3.051
d	0.609



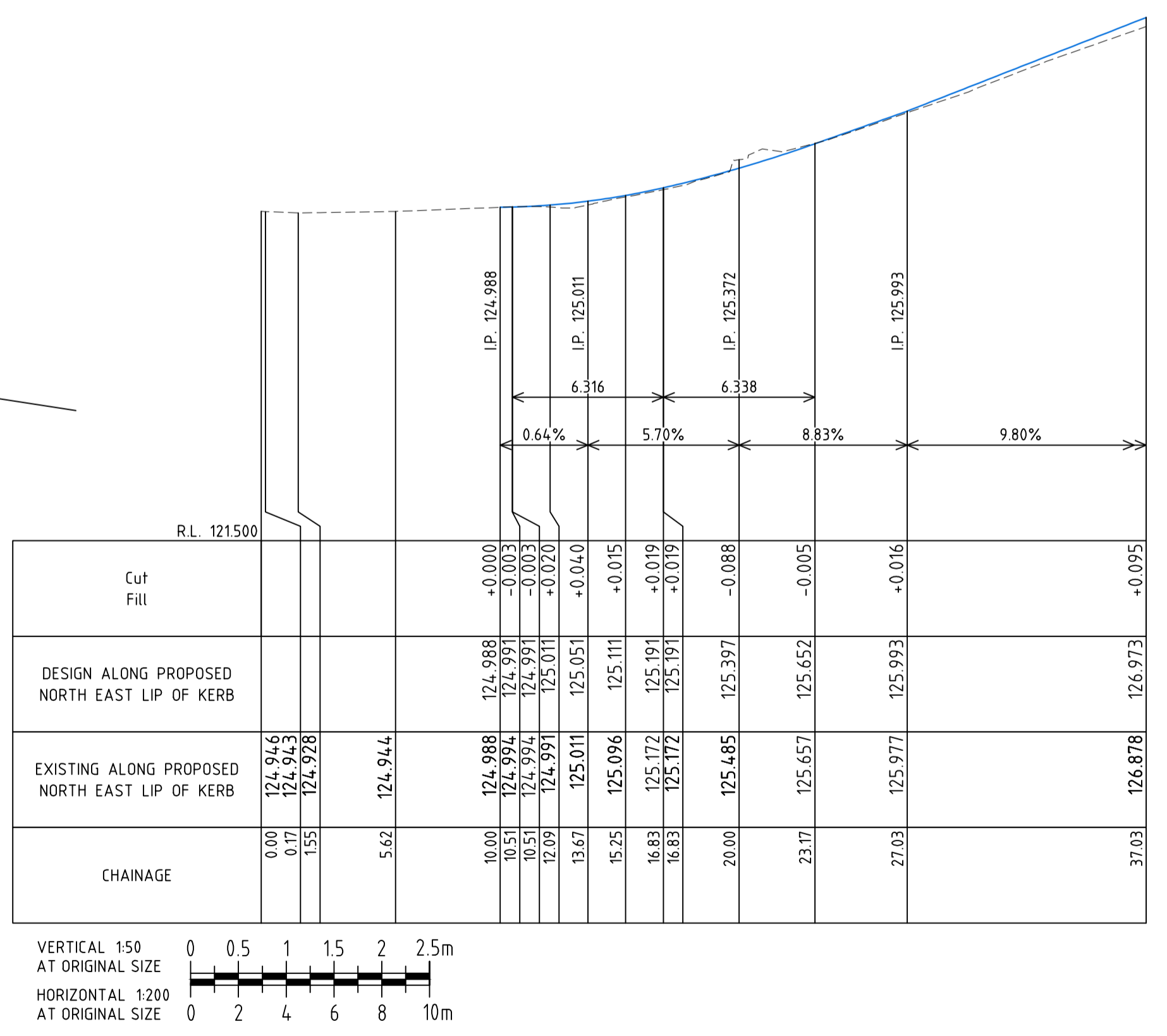
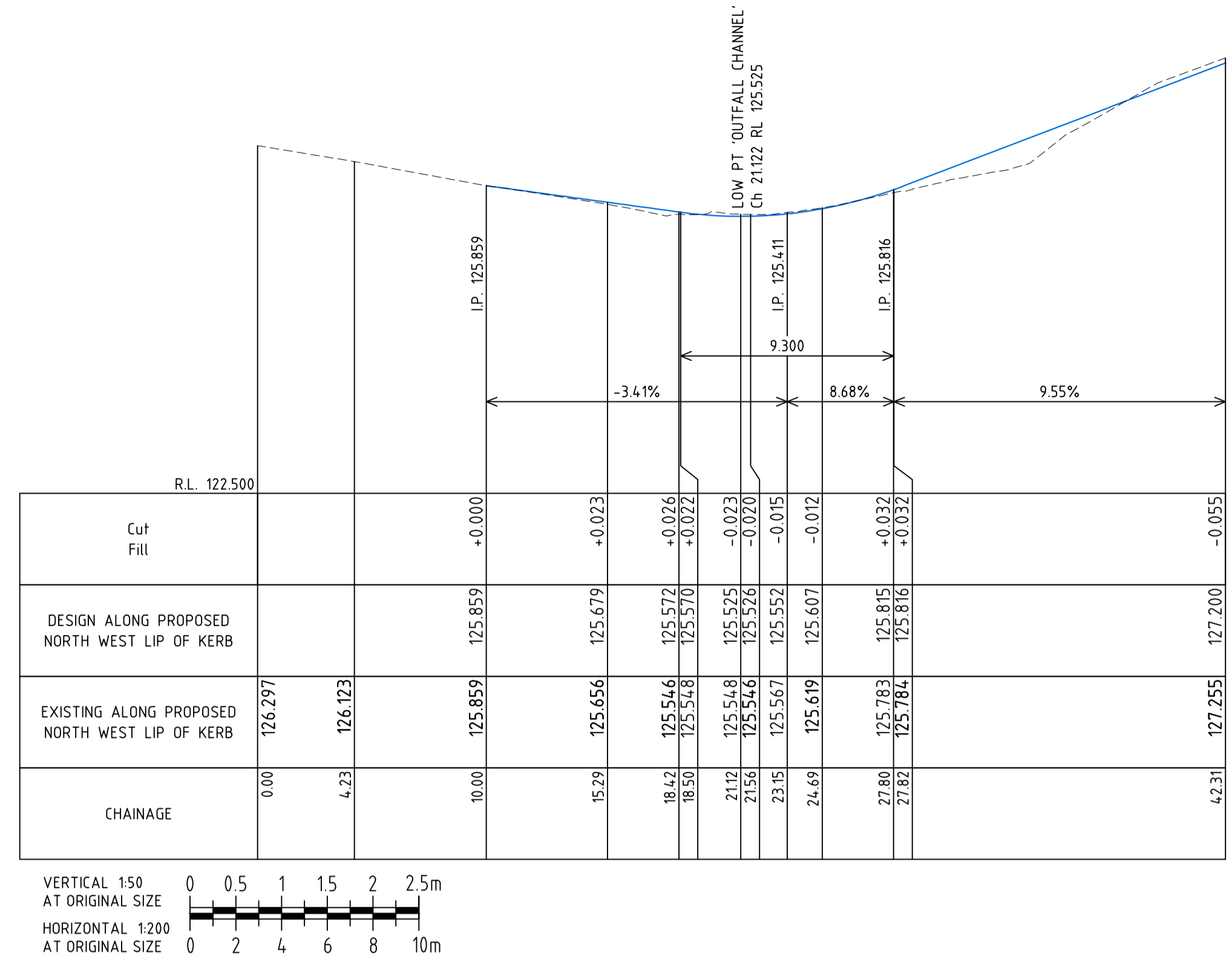
SETOUT DETAILS NORTH KERB RETURN			
CHAINAGE	EASTING	NORTHING	REMARKS
10.00	344603.798	5814422.602	LIP OF KERB (MATCH EX)
10.51	344603.432	5814422.249	LIP OF KERB
12.09	344602.190	5814421.279	LIP OF KERB
13.67	344600.771	5814420.592	LIP OF KERB
15.25	344599.239	5814420.219	LIP OF KERB
16.83	344597.663	5814420.176	LIP OF KERB
37.03	344582.878	5814433.603	LIP OF KERB

Ch10.51 to Ch16.83

R	7.450
I	48.593°
T	3.363
A	6.318
a	3.065
b	0.660
c	1.568
d	0.167

Ch16.83 to Ch20.00

R	4.450
I	40.810°
T	1.655
A	3.170
a	1.551
b	0.279
c	0.788
d	0.070



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LEGEND	SYMBOL	DESCRIPTION
TOP	---	EX TELSTRA OPTIC FIBRE
HPG	---	EX HIGH PRESSURE GAS MAIN
T	—○—	EX TELSTRA CABLE & PIT
S	—○—	EX SEWER & PIT
W	—○—	EX WATER MAIN
ABW	—○—	EX ABANDONED WATER MAIN
G	—○—	EX GAS MAIN
ABG	—○—	EX ABANDONED GAS MAIN
E	—○—	EX U/G ELECTRICITY CABLE
E	—○—	EX O/H ELECTRICITY CABLE
O	—○—	EX OPTUS CABLE
HD	---	HOUSE DRAIN
STOP VALVE	◇	STOP VALVE
FIRE PLUG	◇	FIRE PLUG
FIRE HYDRANT (ABOVE GROUND)	◇	FIRE HYDRANT (ABOVE GROUND)
FIRE HYDRANT (GROUND LEVEL)	◇	FIRE HYDRANT (GROUND LEVEL)
ELECTRICITY SUPPLY POLE	◇	ELECTRICITY SUPPLY POLE
E.S.P. WITH LIGHT	◇	E.S.P. WITH LIGHT
LIGHT POLE ONLY	◇	LIGHT POLE ONLY
TELECOM PILLAR	◇	TELECOM PILLAR
EXISTING POST	◇	EXISTING POST
TRAFFIC SIGNAL PIT, CABLE, PEDESTAL	—TS—	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL
TRAFFIC SIGNAL POLE	—TS—	TRAFFIC SIGNAL POLE
UNCLASSIFIED PIT	—○—	UNCLASSIFIED PIT
FENCE	—○—	FENCE
EX SIGN	—○—	EX SIGN
EXISTING BOLLARD	—○—	EXISTING BOLLARD
RUBBISH BIN	—○—	RUBBISH BIN
PSM	—○—	PSM
STN/TBM	—○—	STN/TBM
EX DRAIN & PIT	—○—	EX DRAIN & PIT
PROPOSED DRAIN & PIT	—○—	PROPOSED DRAIN & PIT
LIMIT OF WORKS	—○—	LIMIT OF WORKS
TREE	—○—	TREE

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SCALES : AS SHOWN	⊙A1

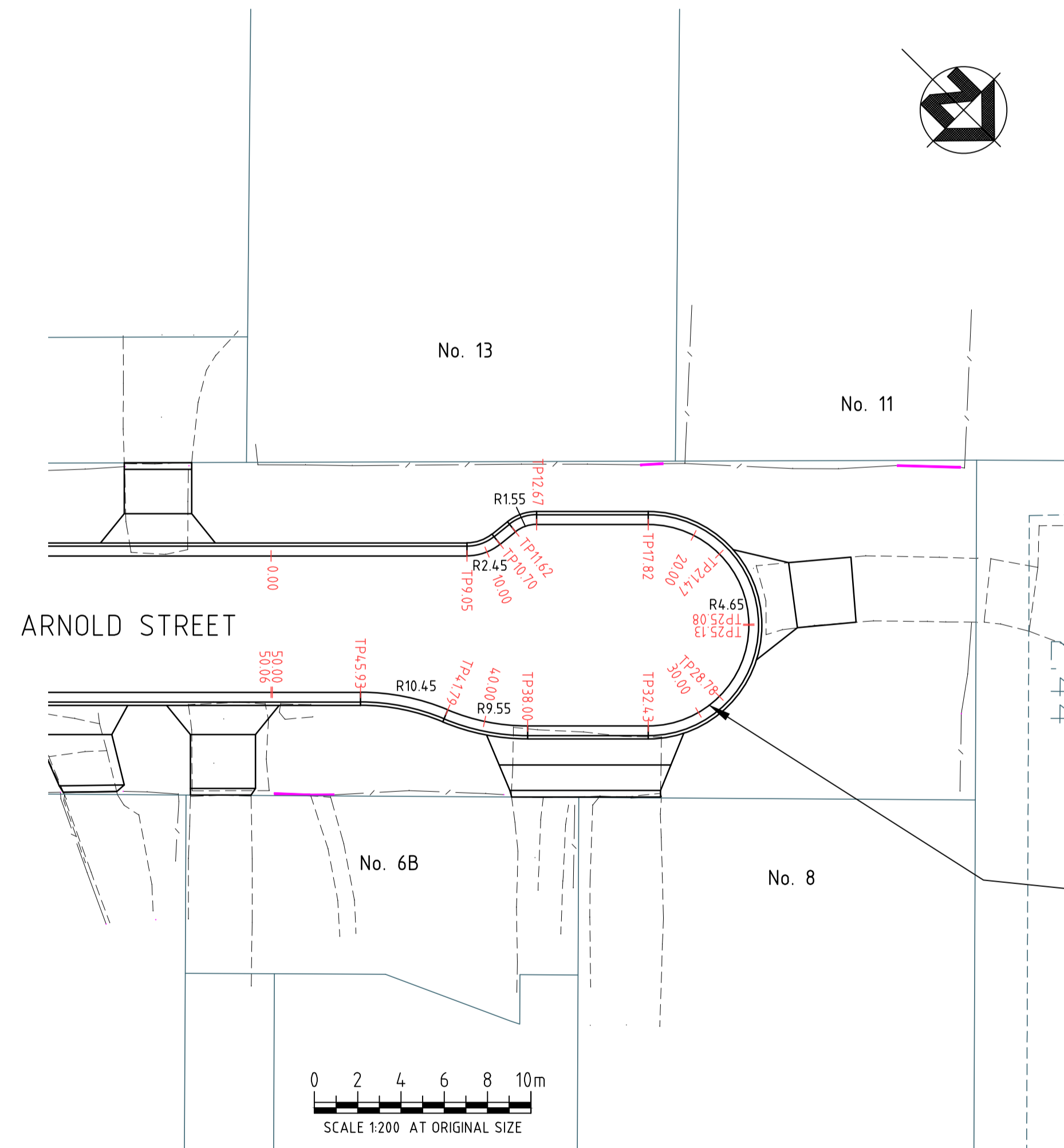
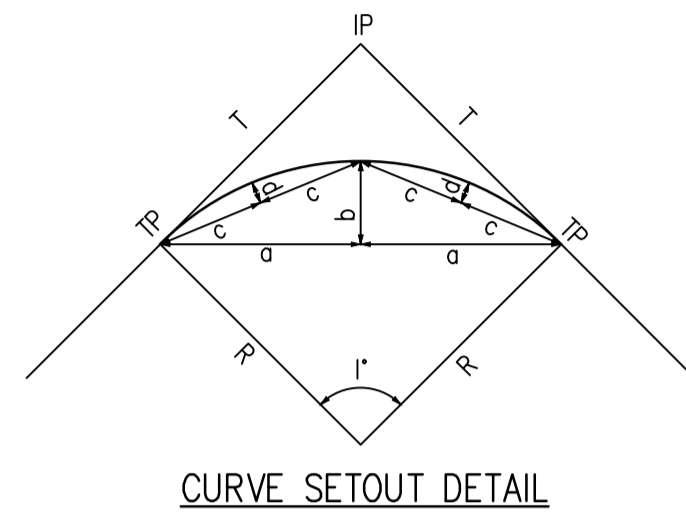


**ARNOLD STREET, RINGWOOD ROAD RECONSTRUCTION**  
KERB RETURN LONGITUDINAL SECTIONS

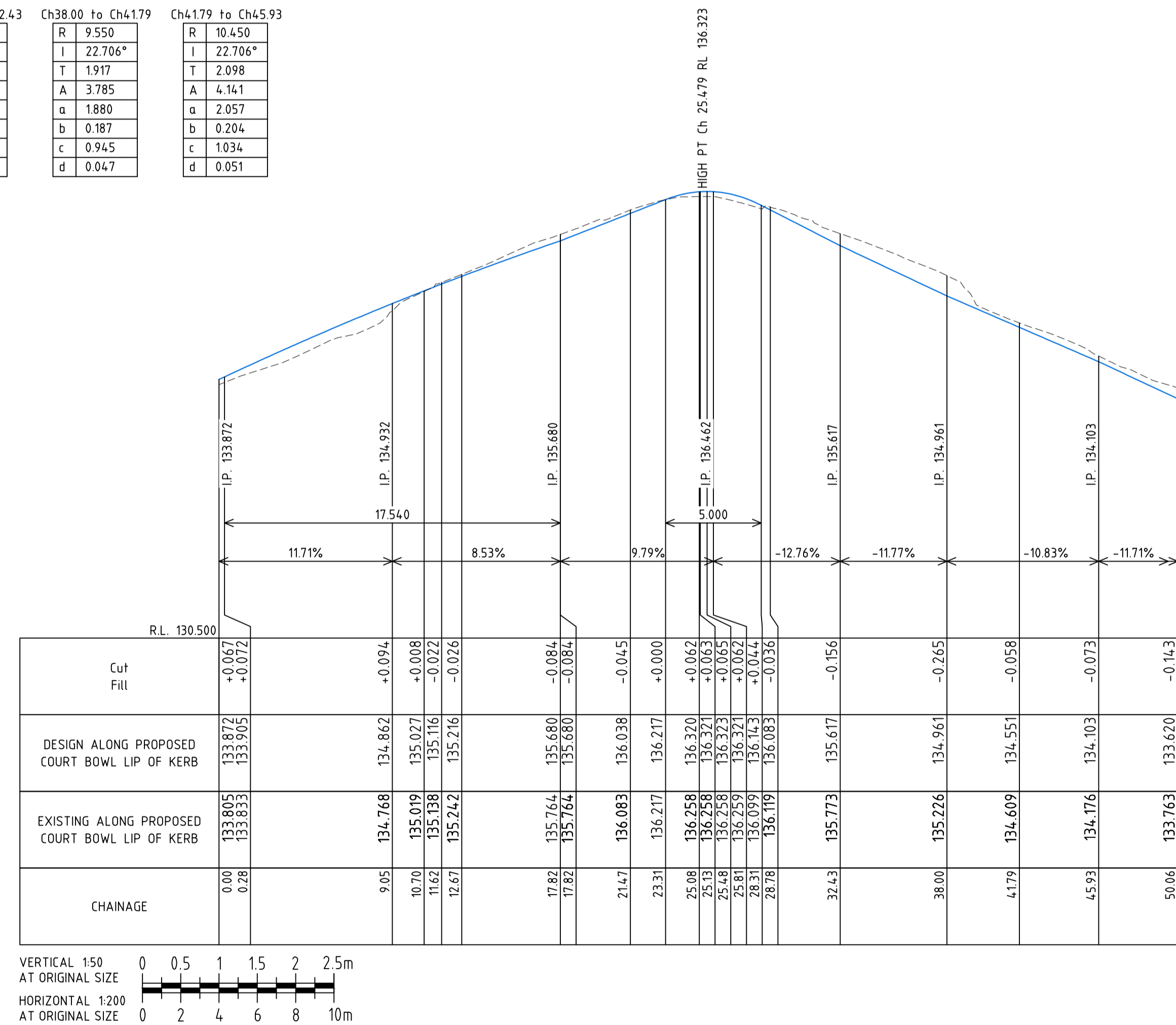
CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 10 OF 14
SIZE: A1

SETOUT DETAILS END OF COURTBOWL

CHAINAGE	EASTING	NORTHING	REMARKS
0.00	344529.201	5814478.973	LIP OF KERB
9.05	344522.841	5814485.411	LIP OF KERB
10.70	344521.383	5814486.123	LIP OF KERB
11.62	344520.472	5814486.230	LIP OF KERB
12.67	344519.549	5814486.680	LIP OF KERB
17.82	344515.927	5814490.347	LIP OF KERB
21.47	344514.585	5814493.643	LIP OF KERB
25.08	344515.931	5814496.887	LIP OF KERB
25.13	344515.967	5814496.923	LIP OF KERB
28.78	344519.263	5814498.264	LIP OF KERB
32.43	344522.543	5814496.883	LIP OF KERB
41.79	344528.523	5814489.776	LIP OF KERB
45.93	344530.781	5814486.337	LIP OF KERB
50.06	344533.683	5814483.401	LIP OF KERB



Ch17.82 to Ch25.08	Ch25.08 to Ch32.43	Ch38.00 to Ch41.79	Ch41.79 to Ch45.93
R 4.650	R 4.650	R 9.550	R 10.450
I 89.384*	I 90.616*	I 22.706*	I 22.706*
T 4.600	T 4.700	T 1.917	T 2.098
A 7.254	A 7.354	A 3.785	A 4.141
a 3.270	a 3.306	a 1.880	a 2.057
b 1.344	b 1.380	b 0.187	b 0.204
c 1.768	c 1.791	c 0.945	c 1.034
d 0.349	d 0.359	d 0.047	d 0.051



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—T—	EX TELSTRA OPTIC FIBRE
—S—	EX TELSTRA CABLE & PIT
—W—	EX WATER MAIN
—G—	EX GAS MAIN
—ABG—	EX ABANDONED GAS MAIN
—E—	EX U/G ELECTRICITY CABLE
—E—	EX O/H ELECTRICITY CABLE
—O—	EX OPTUS CABLE
—HD—	EX HOUSE DRAIN
—HPG—	EX HIGH PRESSURE GAS MAIN
—STOP VALVE	STOP VALVE
—FIRE PLUG	FIRE PLUG
—FIRE HYDRANT (ABOVE GROUND)	FIRE HYDRANT (ABOVE GROUND)
—FIRE HYDRANT (GROUND LEVEL)	FIRE HYDRANT (GROUND LEVEL)
—ELECTRICITY SUPPLY POLE	ELECTRICITY SUPPLY POLE
—E.S.P. WITH LIGHT	E.S.P. WITH LIGHT
—LIGHT POLE ONLY	LIGHT POLE ONLY
—TELECOM PILLAR	TELECOM PILLAR
—EXISTING POST	EXISTING POST
—TRAFFIC SIGNAL PIT, CABLE, PEDESTAL	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL
—TRAFFIC SIGNAL POLE	TRAFFIC SIGNAL POLE
—FENCE	FENCE
—EX. SIGN	EX. SIGN
—EXISTING BOLLARD	EXISTING BOLLARD
—RUBBISH BIN	RUBBISH BIN
—PSM	PSM
—STN/TBM	STN/TBM
—LIMIT OF WORKS	LIMIT OF WORKS
—EX DRAIN & PIT	EX DRAIN & PIT
—PROPOSED DRAIN & PIT	PROPOSED DRAIN & PIT
—TREE	TREE
—UNCLASSIFIED PIT	UNCLASSIFIED PIT

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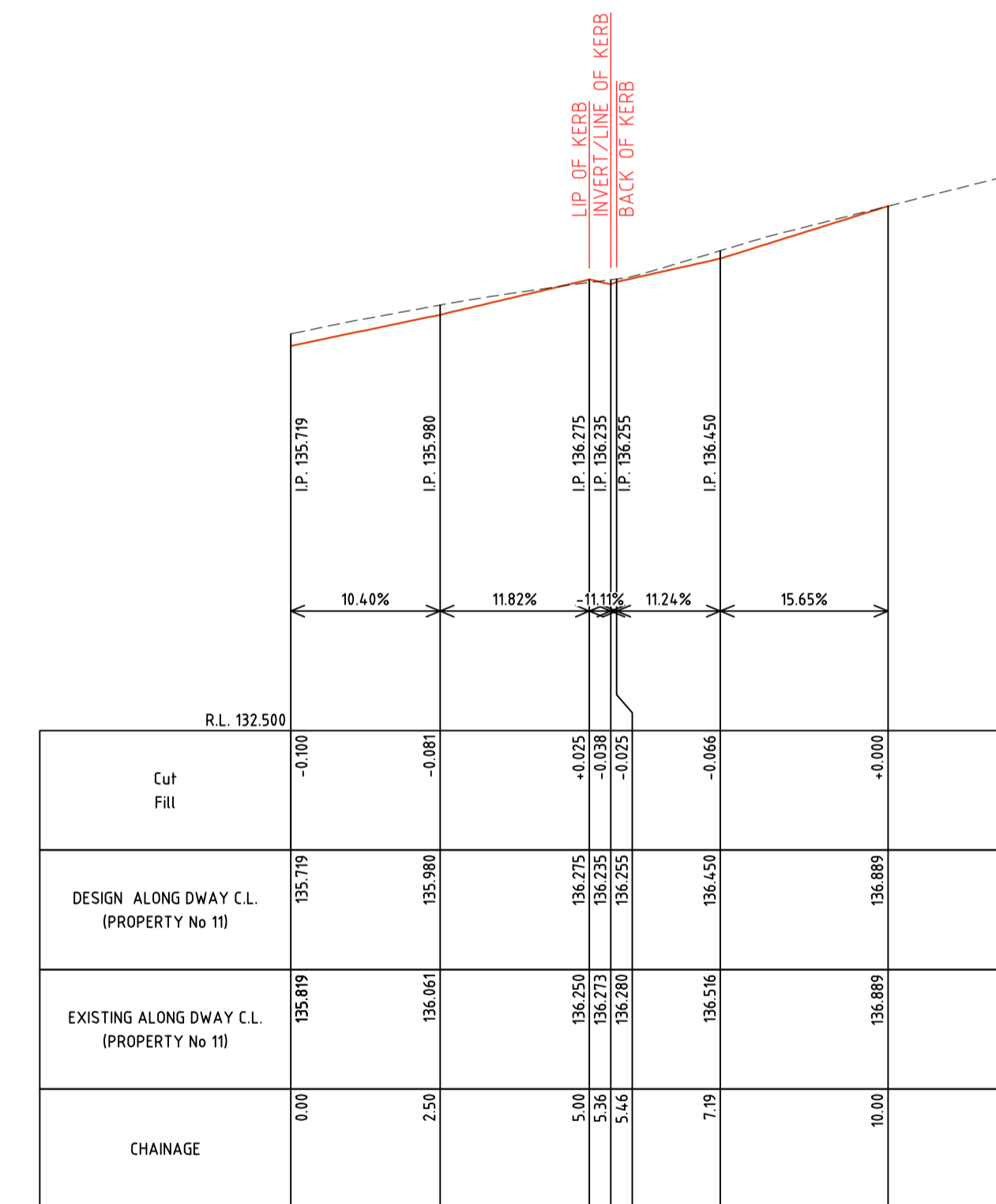
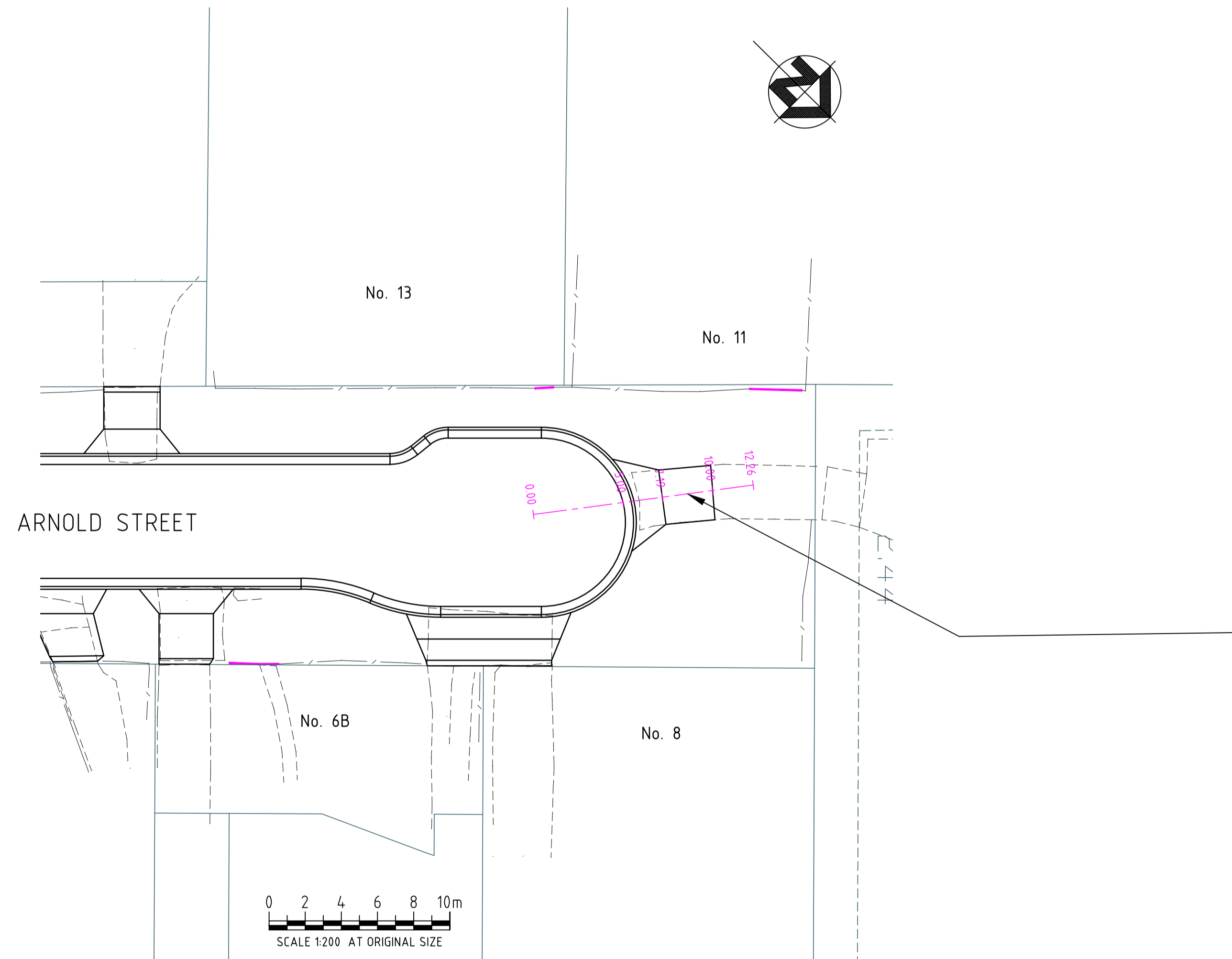


ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
KERB RETURN LONGITUDINAL SECTIONS

CRE REF: 2541-(REV-P8).DWG	
CRE REV. NO.: P8	
AMEND. NO.: -	
DWG. NO. 2541	
SHEET: 11 OF 14	SIZE: A1

SETOUT DETAILS VEHICLE  
CROSSING-PROPERTY No.11

CHAINAGE	EASTING	NORTHING
0.00	344519.233	5814493.000
5.00	344515.278	5814496.059
5.45	344514.922	5814496.335
5.60	344514.802	5814496.428
7.19	344513.544	5814497.401
10.00	344511.324	5814499.119
12.26	344509.535	5814500.503



VERTICAL 1:50  
AT ORIGINAL SIZE  
HORIZONTAL 1:100  
AT ORIGINAL SIZE

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LEGEND	SYMBOL	DESCRIPTION
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---	EX HIGH PRESSURE GAS MAIN	EX HIGH PRESSURE GAS MAIN
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S	EX SEWER & PIT	EX SEWER & PIT
W	EX WATER MAIN	EX WATER MAIN
ABW	EX ABANDONED WATER MAIN	EX ABANDONED WATER MAIN
G	EX GAS MAIN	EX GAS MAIN
ABG	EX ABANDONED GAS MAIN	EX ABANDONED GAS MAIN
E	EX U/G ELECTRICITY CABLE	EX U/G ELECTRICITY CABLE
EA	EX O/H ELECTRICITY CABLE	EX O/H ELECTRICITY CABLE
O	EX OPTUS CABLE	EX OPTUS CABLE
HD	HOUSE DRAIN	HOUSE DRAIN
+	STOP VALVE	STOP VALVE
◆	FIRE PLUG	FIRE PLUG
●	FIRE HYDRANT (ABOVE GROUND)	FIRE HYDRANT (ABOVE GROUND)
○	FIRE HYDRANT (GROUND LEVEL)	FIRE HYDRANT (GROUND LEVEL)
+	ELECTRICITY SUPPLY POLE	ELECTRICITY SUPPLY POLE
+	E.S.P. WITH LIGHT	E.S.P. WITH LIGHT
+	LIGHT POLE ONLY	LIGHT POLE ONLY
⊕	TELECOM PILLAR	TELECOM PILLAR
⊗	EXISTING POST	EXISTING POST
TS	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL
TS	TRAFFIC SIGNAL POLE	TRAFFIC SIGNAL POLE
---	FENCE	FENCE
+	EX SIGN	EX SIGN
⊗	EXISTING BOLLARD	EXISTING BOLLARD
⊗	RUBBISH BIN	RUBBISH BIN
⊗	PSM	PSM
⊗	STN/TBM	STN/TBM
○	UNCLASSIFIED PIT	UNCLASSIFIED PIT
⊗	TREE	TREE
⊗	LIMIT OF WORKS	LIMIT OF WORKS
---	EX DRAIN & PIT	EX DRAIN & PIT
---	PROPOSED DRAIN & PIT	PROPOSED DRAIN & PIT

NO.	AMENDMENTS	DATE

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ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
PROPERTY No. 11 DRIVEWAY LONGITUDINAL SECTION

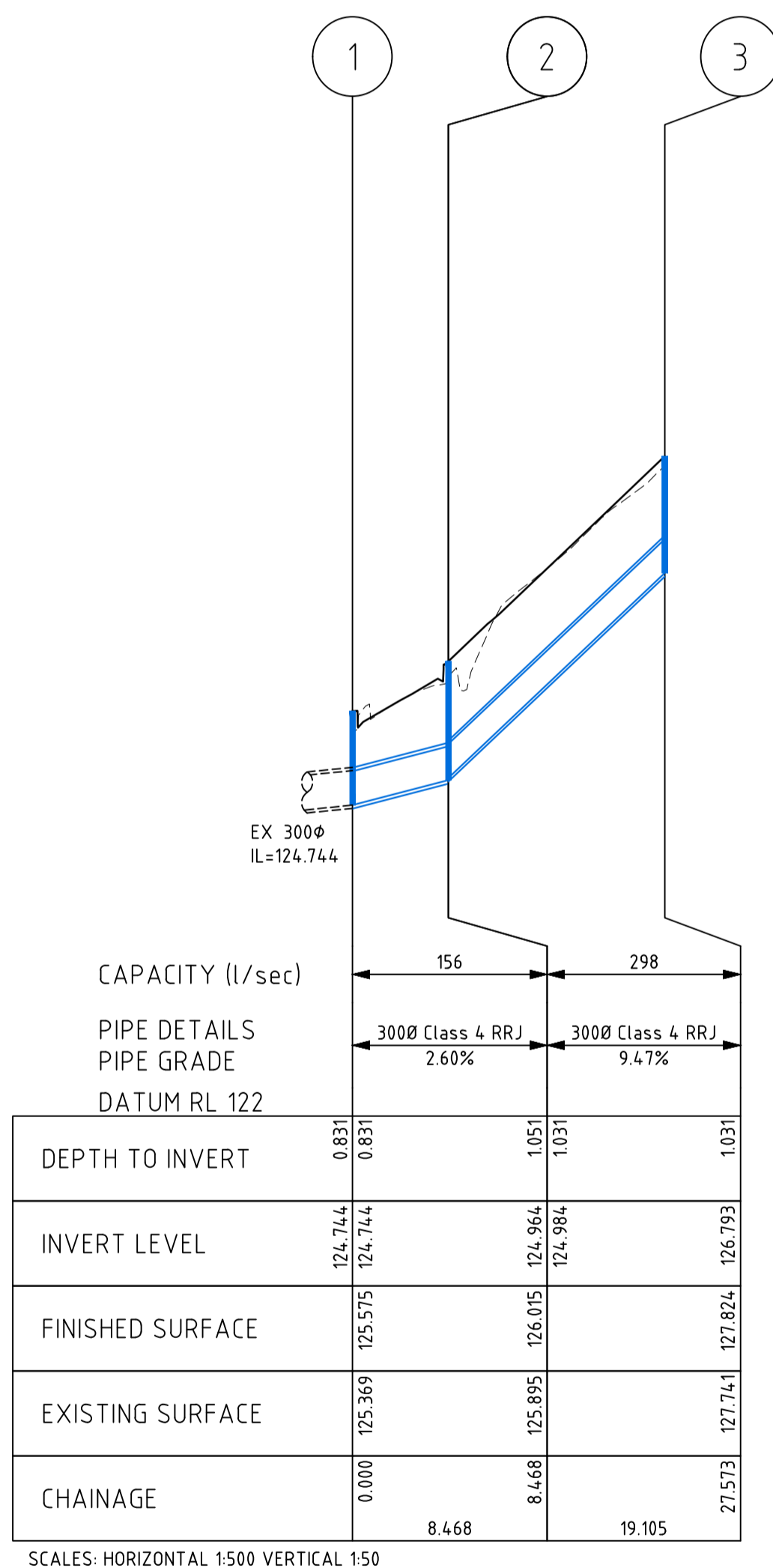
CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 12 OF 14
SIZE: A1

### DRAINAGE PIT SCHEDULE

PIT NO.	TYPE		INTERNAL WIDTH (mm)	INTERNAL LENGTH (mm)	OUTLET DIAMETER (mm)	OUTLET INVERT RL (m)	INLET DIAMETER (mm)	INLET INVERT RL (m)	PIT DEPTH (m)	FSL (m)	EASTING (m)	NORTHING (m)	REMARKS	PIT NO.
	EXISTING	PROPOSED												
1	JP	SEP	600	1350	EX 300	124.744	300	124.744	0.831	125.575	344595.076	5814422.536	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW SEP (600x900) AS PER STD. DWG. MCC-203. PIT CHAMBER IS TO BE CORBELLED TO 600x1350 INTERNAL DIMENSIONS OR SIZE TO SUIT (CORBELLING IS REQUIRED TO ALLOW CONSTRUCTION OF PRAM CROSSING LAYBACK SPLAY). RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED.	1
2	VPIT	SEP	600	900	300	124.964	300	124.984	1.051	126.015	344587.420	5814418.761	BREAK OUT & REMOVE EXISTING V-NOTCH PIT & CONSTRUCT NEW SEP (600x900) AS PER STD. DWG. MCC-203. PIT TO BE CONSTRUCTED CLEAR OF EXISTING 100Ø WATER MAIN AS DIRECTED BY COUNCIL'S SUPERINTENDENT.	2
3		SEP	600	900	300	126.793			1.031	127.824	344574.011	5814432.370	CONSTRUCT NEW SEP (600x900) AS PER STD. DWG. MCC-203. PIT TO BE CONSTRUCTED CLEAR OF EXISTING 100Ø WATER MAIN AS DIRECTED BY COUNCIL'S SUPERINTENDENT.	3
3A	JP		EX	EX	EX	EX	EX	EX	EX	-	344572.066	5814434.521	BREAK OUT & REMOVE EXISTING JP.	3A
4	JP	JP	900	1050	EX 450	124.211	EX 300 EX 450 EX 300	124.356 124.234 TBC	1.091	125.302	344600.478	5814423.063	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW JP (900x900) AS PER STD. DWG. MCC-201. PIT CHAMBER IS TO BE CORBELLED TO 900x1050 INTERNAL DIMENSIONS OR SIZE TO SUIT. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED. PIT TO BE CONSTRUCTED CLEAR OF EXISTING TELSTRA PIT. ALL AS DIRECTED BY COUNCIL'S SUPERINTENDENT.	4
5	JP	JP	600	900	EX 300	129.040	EX 300	129.070	0.671	129.711	344562.852	5814455.368	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW JP (600x900) AS PER STD. DWG. MCC-201. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED.	5
6	JP	JP	600	900	EX 300	130.371	EX 300	130.371	0.701	131.072	344553.123	5814465.216	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW JP (600x900) AS PER STD. DWG. MCC-201. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED.	6
7	JP	SEP	900	900	EX 300	130.541	EX 300	EX 30.577	0.742	131.283	344551.480	5814466.879	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW SEP (900x900) AS PER STD. DWG. MCC-203. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED.	7
8	VPIT	JP	600	900	EX 300	130.980	EX 300	131.000	0.645	131.625	344547.898	5814470.505	BREAK OUT & REMOVE EXISTING V-NOTCH PIT & CONSTRUCT NEW JP (600x900) AS PER STD. DWG. MCC-201 & MATCH VEHICLE CROSSING PROFILE & GRADES. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED.	8
9	JP	SEP	900	900	EX 300	132.306	EX 300	132.335	0.779	133.085	344538.448	5814480.071	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW SEP (900x900) AS PER STD. DWG. MCC-203. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED. PIT TO BE CONSTRUCTED CLEAR OF EXISTING ELECTRICAL CONDUIT AS DIRECTED BY COUNCIL'S SUPERINTENDENT.	9
10	JP	JP	600	900	EX 300	134.190	EX 300	134.220	0.959	135.149	344525.093	5814493.609	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW JP (600x900) AS PER STD. DWG. MCC-201. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED.	10
11	JP	JP	600	900	EX 300	136.500	EX 300	136.620	0.581	137.081	344504.789	5814499.025	BREAK OUT & REMOVE EXISTING JP & CONSTRUCT NEW JP (600x900) AS PER STD. DWG. MCC-201. RECONNECT ALL EXISTING PIPES TO NEW PIT CHAMBER AS REQUIRED.	11

**NOTES:**

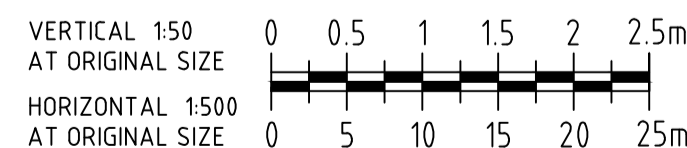
- PIT FLOORS TO BE SHAPED TO PROVIDE SMOOTH FLOW THROUGH PITS.
- ALL EXISTING PIPE LEVELS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. COUNCIL'S SUPERINTENDENT SHALL BE NOTIFIED IF THERE ARE ANY DISCREPANCIES PRIOR TO COMMENCING CONSTRUCTION.
- ALL PIT SETOUT IS TO THE CENTRE OF THE PIT CHAMBER, UNLESS NOTED OTHERWISE IN THE REMARKS COLUMN.



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LEGEND										
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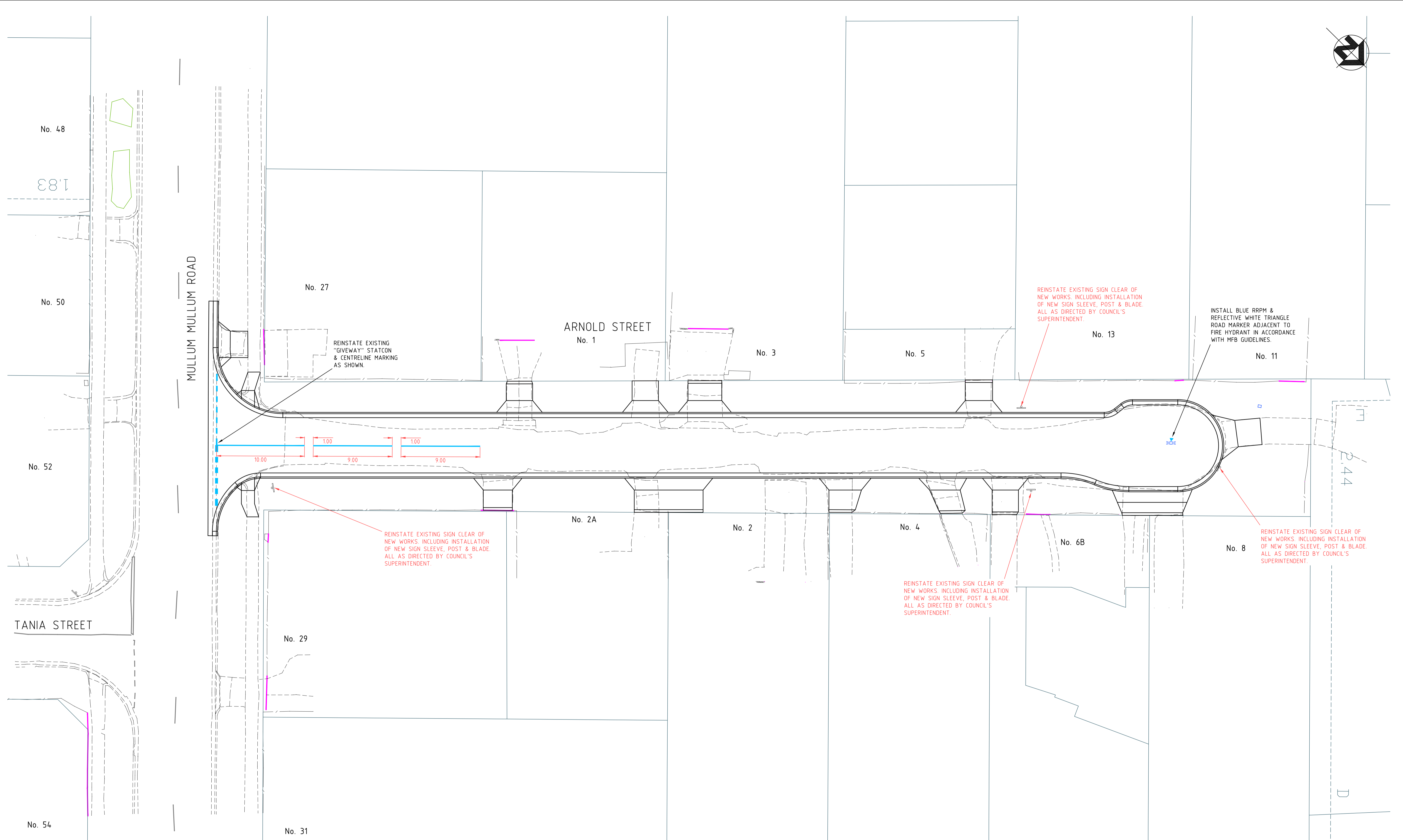
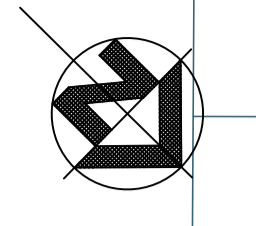
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**ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION**  
DRAINAGE LONGITUDINAL SECTION & PIT SCHEDULE

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
DWG. NO. <b>2541</b>
SHEET: 13 OF 14      SIZE: A1



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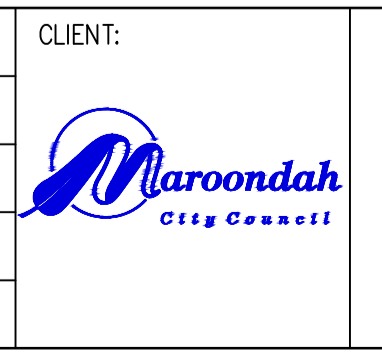


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—PSM—	PSM
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—L—	LIMIT OF WORKS
—EXD—	EX DRAIN & PIT
—P—	PROPOSED DRAIN & PIT
—NO.	AMENDMENTS
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ARNOLD STREET, RINGWOOD  
ROAD RECONSTRUCTION  
LINEMARKING & SIGNAGE PLAN

CRE REF: 2541-(REV-P8).DWG
CRE REV. NO.: P8
AMEND. NO.: -
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SIZE: A1