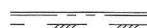
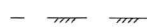







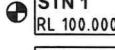
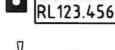




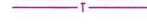














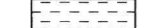

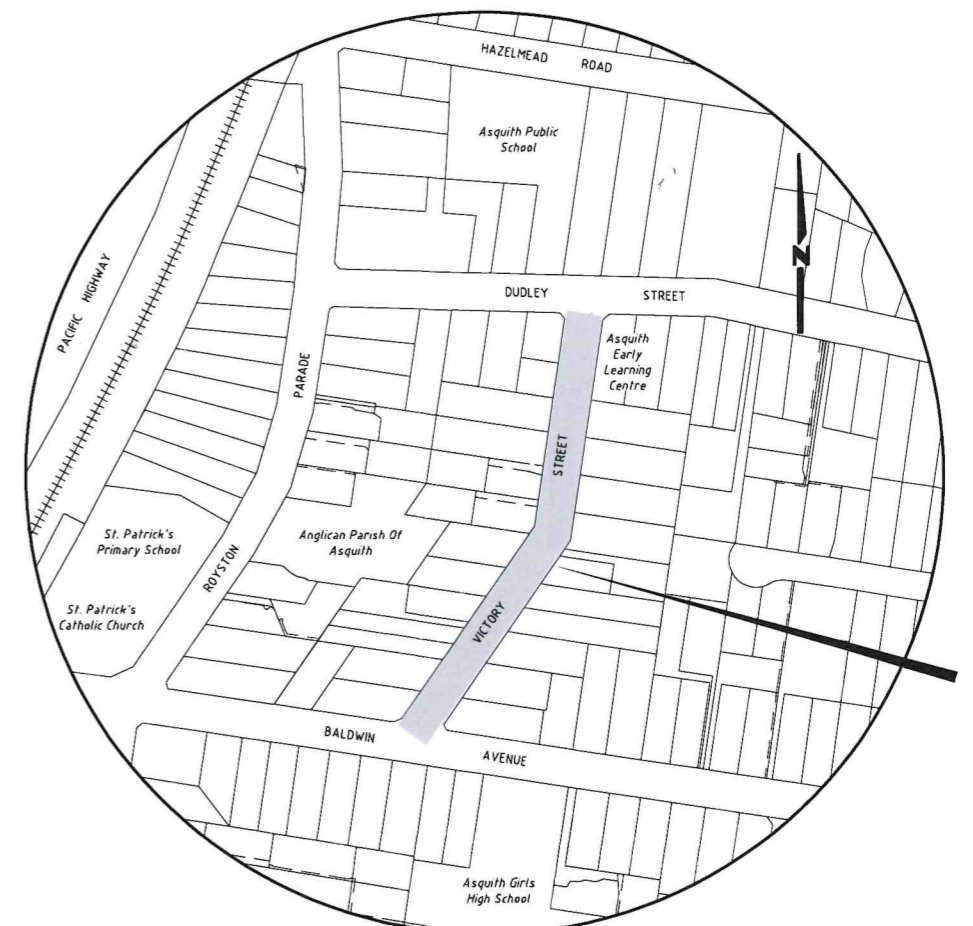


VICTORY STREET, ASQUITH ROAD RECONSTRUCTION FULL LENGTH

LEGEND

-  EXISTING KERB & GUTTER.
-  EXISTING EDGE OF BITUMEN.
-  EXISTING FENCE.
-  EXISTING CONCRETE PATH EDGE.
-  EXISTING STORMWATER PIPE.
-  EXISTING POWER POLE.
-  EXISTING/PROPOSED SIGN.
-  EXISTING TREE / TREE TO BE REMOVED.
-  PROPOSED TREE.
-  SURVEY TRAVERSE STATION.
-  STATE SURVEY MARK.
-  SURVEY REFERENCE MARKS - DRILL HOLE & WING/GALVANISED IRON PIPE.
-  EXISTING SEWER MANHOLE.
-  EXISTING WATER STOP VALVE / FIRE HYDRANT.
-  EXISTING TELSTRA PIT.
-  EXISTING SEWER MAIN.
-  EXISTING U/G TELSTRA CABLES.
-  EXISTING U/G GAS MAIN.
-  EXISTING U/G ELECTRICAL CABLES.
-  EXISTING OVERHEAD ELECTRICAL CABLES.
-  EXISTING WATER MAIN.
-  PROPOSED KERB & GUTTER.
-  PROPOSED STORMWATER PIT.
-  PROPOSED STORMWATER PIPE.
-  STORMWATER PIT LABEL (PIT No/LINE No).
-  DESIGN SETOUT POINT & NUMBER.
-  EXTENT OF NEW PAVEMENT CONSTRUCTION (REFER TO TYPICAL SECTION ON SHEET No.3 FOR DETAILS).
-  EXTENT OF DRIVEWAY RECONSTRUCTION REINSTATED WITH EXISTING OR MATCHING MATERIALS UNLESS NOTED OTHERWISE.
-  EXTENT OF NEW FOOTPATH CONSTRUCTION. ALL PATHS N25 CONCRETE (COLOUR: PLAIN CONCRETE).
-  EXTENT OF PAVEMENT PROFILING TO SUIT FINISHED DESIGN LEVELS.
-  EXTENT OF AC DEEPLIFT CORRECTIVE COURSE VARIABLE THICKNESS (NOMINAL SIZE AC14).
-  STRUCTURAL ROOT ZONE (SRZ).

DRAWING SCHEDULE		
SHEET No.	TITLE	ISSUE
1	DRAWING SCHEDULE, LOCALITY PLAN & LEGEND.	1
2	PROJECT NOTES.	1
3	TYPICAL SECTION, NEW ROAD PAVEMENT DETAILS & TREE PLANTING DETAILS.	1
4	OVERALL LAYOUT PLAN.	1
5	CONTROL LINE 1 SETOUT DETAILS.	1
6	GENERAL WORKS & SERVICES PLAN - SHEET 1 OF 2.	1
7	GENERAL WORKS & SERVICES PLAN - SHEET 2 OF 2.	1
8	CL1 CROSS SECTIONS - CH9.127 TO CH110.000.	1
9	CL1 CROSS SECTIONS - CH117.076 TO CH210.000.	1
10	CL1 CROSS SECTIONS - CH220.000 TO CH252.203 & SET OUT PLAN.	1
11	DRIVEWAY PROFILES - SHEET 1 OF 3.	1
12	DRIVEWAY PROFILES - SHEET 2 OF 3.	1
13	DRIVEWAY PROFILES - SHEET 3 OF 3.	1
14	CATCHMENT PLAN.	1
15	DRAINAGE LONG SECTIONS.	1
16	HYDRAULIC & RUNOFF CALCULATIONS.	1
17	SIGNS & LINE MARKING PLAN.	1



LOCALITY PLAN
NOT TO SCALE

ROAD CLASSIFICATION : 2 LANE URBAN
DESIGN SPEED : 50km/h

ASSET MANAGEMENT & MAINTENANCE BRANCH		
Senior Asset Engineer Name: A. BOYD Telephone: 9847 6672 Accepted as complying with the general intent of the design brief		
Project Number	101142	
Sheet of	1 17	Issue 1
HSC Drawing Number	1158.1	

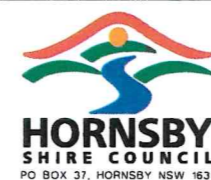
**Hornsby Shire Council
Design & Construction Branch**

TELEPHONE (02) 9847 5856
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Name: R. RAJCA
Signed: [Signature]
Date: 3/19/24

Designer K.ROM	Design Checked [Signature]	Design Team Leader [Signature]
Drawn K.ROM	Drawing Checked [Signature]	
Surveyor J.HART	NA	NA
Field Book	NA	AHD/GDA94
Level Book	NA	Datum
Project Identifier \ CAD File Name H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg		
TRIM Document Number D08926935	Issue	Description

Bar Scales	NOT TO SCALE
ISSUED FOR CONSTRUCTION	M. DRAKE
Name	MD
Initial	27/6/24
Date	
Design not to be amended without authorisation by Manager Design & Construction	

NOT TO SCALE
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY



VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
DRAWING SCHEDULE, LOCALITY PLAN & LEGEND

GENERAL NOTES:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS & SPECIFICATIONS OF HORNSBY SHIRE COUNCIL.
- LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCH MARKS & NOT FROM SURVEY PEGS.
- PROVIDE TRAFFIC MANAGEMENT, LINEMARKING & SIGNAGE IN ACCORDANCE WITH THE TfNSW "TRAFFIC CONTROL AT WORK SITES" TECHNICAL MANUAL & AS174.2.3 REQUIREMENTS.
- SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM INFORMATION SUPPLIED FROM THE RELEVANT AUTHORITIES VIA A "BEFORE YOU DIG AUSTRALIA" ENQUIRY. THE LOCATION OF SERVICES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED AS ACCURATELY AS POSSIBLE FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES & FIELD INVESTIGATIONS & ARE TO BE VERIFIED PRIOR TO CONSTRUCTION.
- EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE LANDCOM PUBLICATION:- "MANAGING URBAN STORMWATER, SOILS & CONSTRUCTION" Vol. 1, 4th EDITION.
- ALL DISTURBED AREAS OF THE SITE ARE TO BE REINSTATED WITH EXISTING OR MATCHING MATERIALS UNLESS NOTED OTHERWISE AT THE COMPLETION OF THE WORKS.
- WHERE WORKS ARE ADJACENT TO EXISTING STRUCTURES UNDERTAKE A DILAPIDATION SURVEY OF EXISTING ADJACENT STRUCTURES BEFORE COMMENCEMENT OF ANY WORKS.
- IF SET-OUT IS REQUIRED BY HORNSBY SHIRE COUNCIL DESIGN & CONSTRUCTION BRANCH SURVEYOR, NOTIFY ENGINEERING SURVEYOR A MINIMUM OF 24 HOURS IN ADVANCE.
- WHERE PAVEMENT RESURFACING IS UNDERTAKEN ENSURE ALL BLUE HYDRANT MARKER RRPM'S ARE REINSTATED AT THE COMPLETION OF WORKS.
- COUNCIL'S TREE MANAGEMENT GROUP CONTACT DETAILS.
CONTACT: Ry Kehlet PH: 9847 6502.
- COORDINATE RELOCATION OF SERVICES THROUGH APPROPRIATE CONTACTS-

OPTUS: Name: Network Operations Centre Ph: 1800 505 777
 TELSTRA: Name: Support Team Ph: 1800 653 935
 Jemena: Name: BYDA Admin Ph: 1300 880 906
 AUSGRID: Name: Support Team Ph: 02 4951 0899
 SYDNEY WATER Name: Support Team Ph: 13 20 92.

ACCESS & SAFETY NOTES:

- THE CONSTRUCTOR SHALL COMPLY WITH ALL STATUTORY & INDUSTRIAL REQUIREMENTS FOR PROVISION OF A SAFE WORKING ENVIRONMENT INCLUDING TRAFFIC CONTROL.
- THE CONSTRUCTOR SHALL PROVIDE TRAFFIC MANAGEMENT PLANS FOR THE PROPOSED WORKS COMPLETED BY A SUITABLY QUALIFIED PERSON & APPROVED BY COUNCIL/REGULATORY AUTHORITY. WORK IS NOT TO COMMENCE ON SITE PRIOR TO APPROVAL OF TRAFFIC MANAGEMENT SCHEME.
- THE CONSTRUCTOR SHALL ENSURE THAT AT ALL TIMES ACCESS TO BUILDINGS/RESIDENCES ADJACENT TO THE WORKS IS NOT DISRUPTED, INCLUDING THE FIRE STATION.
- WHERE NECESSARY THE CONSTRUCTOR SHALL PROVIDE SAFE PASSAGE OF VEHICLES AND/OR PEDESTRIANS THROUGH OR BY THE SITE.
- THE CONSTRUCTOR SHALL ENSURE PUBLIC ACCESS EXTERNAL TO THE SITE IS IN ACCORDANCE WITH COUNCIL REQUIREMENTS.

GEO-TECHNICAL NOTES:

- A GEO-TECHNICAL INVESTIGATION HAS BEEN UNDERTAKEN AT THIS PROJECT SITE BY STS GEOTECHNICS PTY LTD (REPORT No. 32474/8173D-G). THE REPORT CAN BE FOUND IN COUNCIL'S DOCUMENT MANAGEMENT SYSTEM AS DOCUMENT No. D08836827.
- CARE WILL BE REQUIRED TO ENSURE THAT NEARBY STRUCTURES & INFRASTRUCTURE ARE NOT DAMAGED WHEN EXCAVATING THE ROCK. EXCAVATION METHODS SHOULD BE ADOPTED WHICH LIMIT GROUND VIBRATIONS AT THE ADJOINING STRUCTURES TO NOT MORE THAN 5mm/SEC.
- IT IS RECOMMENDED THAT BEFORE COMMENCING EXCAVATION TO UNDERTAKE A DILAPIDATION SURVEY OF ANY STRUCTURES THAT MAY POTENTIALLY BE DAMAGED. THIS WILL PROVIDE REASONABLE BASIS FOR ASSESSING ANY FUTURE CLAIMS OF DAMAGE.
- EXCAVATIONS ARE NOT EXPECTED TO ENCOUNTER THE GROUNDWATER TABLE, HOWEVER SHOULD ANY SIGNIFICANT GROUNDWATER FLOWS BE ENCOUNTERED DURING EXCAVATION, STS MUST BE CONTACTED IMMEDIATELY TO PROVIDE FURTHER ADVICE & RECOMMENDATIONS.
- STS GEOTECHNICS CONTACT PH: 02 9756 2166

ABORIGINAL ARTIFACT NOTES:

- AN AHIMS WEB SEARCH HAS BEEN UNDERTAKEN FOR THIS PROJECT (REF: HSC CLIENT SERVICE ID: 888080 - 30th APRIL 2024). NO ARTIFACTS ARE SHOWN. SHOULD ANY POTENTIAL ARTIFACTS BE UNCOVERED THEY ARE NOT TO BE REMOVED FROM THE SITE & SHALL BE IMMEDIATELY REPORTED TO COUNCIL'S PROJECT MANAGER.

TREE PROTECTION MEASURES:

- ALL WORKS WITHIN THE TREE PROTECTION ZONE OF ANY TREE/S TO BE RETAINED SHOULD NOT REDUCE THE USEFUL LIFE EXPECTANCY OF THE TREE/S & BE CARRIED OUT UNDER THE SUPERVISION OF AN 'AQF LEVEL 5 ARBORIST'.

TREE PROTECTION ZONES (TPZ)

TREE SIZE	TPZ
TREES WITH A DIAMETER AT BREST HEIGHT GREATER THAN 800mm	9m
TREES WITH A DIAMETER AT BREST HEIGHT BETWEEN 400mm & 800mm	7m
TREES WITH A DIAMETER AT BREST HEIGHT LESS THAN 400mm	4m

SOIL LEVELS WITHIN THE TREE PROTECTION ZONE OF TREES TO BE RETAINED SHOULD REMAIN AT EXISTING GRADE & UNDISTURBED. EXCAVATION WITHIN THE TREE ROOT ZONE OF TREES TO BE RETAINED SHOULD BE CARRIED OUT BY HAND EXCAVATION ONLY. HAND EXCAVATION SHOULD BE CARRIED OUT UNDER THE SUPERVISION OF A QUALIFIED ARBORIST IN SUCH A MANNER THAT IS NON-INJURIOUS TO ANY ROOTS REVEALED. NO TREE ROOT GREATER THAN 40mm DIAMETER LOCATED WITHIN THE TPZ OF ANY TREE TO BE RETAINED SHOULD BE SEVERED OR INJURED IN THE PROCESS OF ANY WORKS.

TREE ROOTS LESS THAN 30mm IN DIAMETER REQUIRED TO BE SEVERED SHALL BE CUT CLEANLY BY HAND BY A QUALIFIED & EXPERIENCED ARBORIST OR HORTICULTURIST WITH MINIMUM QUALIFICATIONS OF HORTICULTURAL CERTIFICATE OR TREE SURGERY CERTIFICATE (AQF 3).

- ALL PRUNING SHALL BE UNDERTAKEN AS SPECIFIED IN THE AUSTRALIAN STANDARD 'PRUNING OF AMENITY TREES' (AS 4373-2009).
- THE FILLING OR STOCKPILING OF BUILDING MATERIALS, PARKING OF VEHICLES OR PLANT, THE USE OF MACHINERY OTHER THAN HAND HELD, DISPOSAL OF CEMENT SLURRY, WASTE WATER OR OTHER CONTAINMENTS MUST REMAIN OUTSIDE THE TREE ROOT ZONE OF ANY TREE TO BE RETAINED.
- ANY MECHANICAL DAMAGE TO TREES OR CHEMICAL SPILLS WITHIN THE TPZ MUST BE REPORTED TO THE PROJECT SUPERVISOR/MANAGER.
- BARRIER MESH FENCING SHALL BE ERECTED AROUND RETAINED TREES TO ENSURE THEY ARE PROTECTED FROM MACHINERY MISTAKENLY TRAVERSING BETWEEN TREES, THIS CAN BE IDENTIFIED/ DIRECTED BY PROJECT ARBORIST.
- REFER TO COUNCIL'S TREE MANAGEMENT TEAM APPROVAL, TRIM No. D08871966.

SEDIMENT & EROSION CONTROL NOTES:

- NO WORK SHALL BE UNDERTAKEN UNTIL ALL SEDIMENT & EROSION CONTROL MEASURES ARE IN PLACE & HAVE BEEN APPROVED BY THE CONSTRUCTION ENGINEER.
- ALL SEDIMENT CONTROL STRUCTURES TO BE INSPECTED BY THE SITE SUPERVISOR ON A DAILY BASIS & SIGNED OFF ON THE BACK OF THE DAY SHEET. A CHECKLIST SHALL BE HANDED OVER TO THE PROJECT MANAGER AT THE END OF EACH DAY. STRUCTURES WILL ALSO BE INSPECTED AFTER EACH RAINFALL EVENT FOR STRUCTURAL DAMAGE & ALL TRAPPED SEDIMENT TO BE REMOVED TO A NOMINATED SOIL STOCKPILE SITE. THE CONSTRUCTION ENGINEER MUST INFORM ALL CONTRACTORS & SUB-CONTRACTORS OF THEIR OBLIGATIONS UNDER THE EROSION CONTROL PLAN.
- SELECTIVE CLEARING OF VEGETATION TO BE RESTRICTED TO NOMINATED AREAS WITH CLEARED VEGETATION WINDROWED ON THE CONTOUR.
- TREES NEAR THE CONSTRUCTION ZONE NOT OTHERWISE PROTECTED BY FENCING SHALL BE PROTECTED IN ACCORDANCE WITH AS4970 SECTION 4.5. ALTERNATIVE PROTECTION MEASURES SATISFYING THE PROJECTS ARBORIST'S REQUIREMENTS IS ACCEPTABLE. TRUNK PROTECTION SHOULD BE MAINTAINED INTACT UNTIL THE COMPLETION OF ALL WORK ON THE SITE. ALL TREES REQUIRING REMOVAL ARE SHOWN ON THIS PLAN & SHALL BE MARKED ACCORDINGLY PRIOR TO REMOVAL.
- TOPSOIL FROM AREAS THAT WILL BE DISTURBED TO BE STRIPPED & STOCKPILED AT THE NOMINATED SITE.
- A MINIMUM STOCK OF THE FOLLOWING SHALL BE KEPT ON SITE AT ALL TIMES:
(A) 50m ROLL OF SEDIMENT FENCE & PEGS.
(B) 50m ROLL OF BIDIM GEOTEXTILE.
- ANY DISTURBED AREA OF LAND SHALL BE COMPACTED AT THE END OF EACH WORKING DAY & BEFORE ANY STORM EVENT.
- CONSTRUCTION AREA IS TO BE LIMITED AS SHOWN TO MINIMISE DISTURBANCE.
- SEDIMENT FENCING SHALL BE PLACED AROUND ANY STOCKPILE AREA.
- ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE LANDCOM PUBLICATION:- "MANAGING URBAN STORMWATER, SOILS & CONSTRUCTION" Vol. 1, 4th EDITION.
- ALL DISTURBED AREAS SHALL BE TURFED WITHIN 14 DAYS OF FINAL TRIMMING.

SUBSOIL DRAINAGE NOTES:

- SUBSOIL FLUSHING POINTS TO BE INSTALLED AT ALL U/S ENDS OF LINES & AT 60m MAXIMUM CENTRES. CONNECT SUBSOIL PIPES TO STORMWATER PITS.

CONCRETE NOTES

(USING STEEL REINFORCED CONCRETE U.N.O.)


- MATERIALS AND CONSTRUCTION: TO AS 3600, AS 3610.
STEEL REINFORCEMENT MATERIALS: TO AS 4671.
- CONCRETE QUALITY: TO AS 1379
READY MIX CONCRETE: TO AS 1379
a) DO NOT USE ADMIXTURES WITHOUT WRITTEN APPROVAL FROM SUPERVISING ENGINEER.
b) CEMENT: TYPE 'GP' OR 'GB' TO AS 3972.
c) MAXIMUM SIZE OF COARSE AGGREGATE: 20mm.
d) CONCRETE SLUMP: 80mm U.N.O.

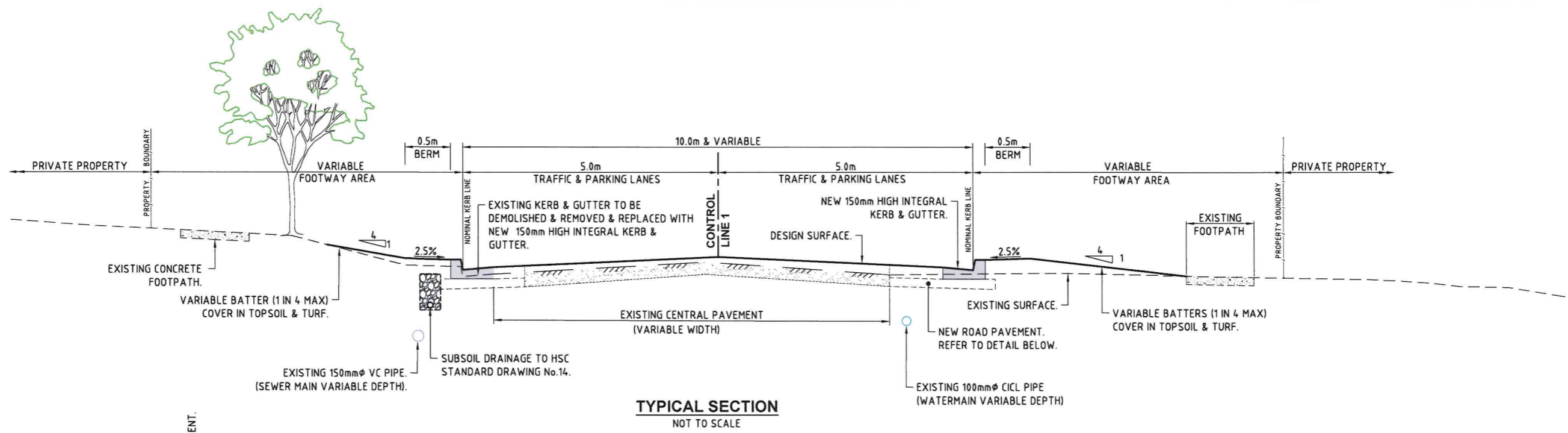
ELEMENT	CHARACTERISTIC CONCRETE STRENGTH (f _c) AT 28 DAYS	REO	COVER	FINISH	COLOUR
FOOTPATH	N25 (U.N.O.)	-	N/A	BROOM FINISH	PLAIN CONCRETE
DRIVEWAYS	N25 (U.N.O.)	SL62	MIN. 40MM	BROOM FINISH	PLAIN CONCRETE
KERB&GUTTER	N25 (U.N.O.)	-	N/A	STEEL FLOAT	PLAIN CONCRETE

- VERIFY STRENGTH BY PRODUCTION CONTROL TESTING TO AS 1379.
- NO UNSPECIFIED HOLES, DUCTING OR CHASES ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM SUPERINTENDENT (SUPERVISING OFFICER). NO PIPES OR CONDUITS ARE PERMITTED WITHIN CONCRETE COVER.
- STRUCTURAL DIMENSIONS DO NOT INCLUDE TOPPING OR FINISHES.
- FORM CONSTRUCTION JOINTS ONLY AT LOCATIONS SHOWN ON DRAWINGS. DO NOT VARY WITHOUT WRITTEN APPROVAL FROM SUPERVISING ENGINEER.
- PREPARE COLD JOINTS BY LIGHT SCABBLING, REMOVAL OF DEBRIS & WASHING WITH CLEAN WATER.
- FOUNDATION MATERIALS MUST BE CAPABLE OF WITHSTANDING A SAFE BEARING PRESSURE OF 100kPa. VERIFY & RECORD THE BEARING CAPACITY BEFORE ANY CONCRETE IS PLACED.
- DO NOT PLACE CONCRETE UNTIL REINFORCEMENT (IF USED) & FORMWORK ARE INSPECTED BY SUPERVISING ENGINEER.
- THOROUGHLY CLEAN OUT ALL FORMWORK PRIOR TO POURING.
- DO NOT PLACE CONCRETE UNDER THE FOLLOWING CONDITIONS:
a) WHEN THE SURROUNDING OUTDOOR TEMPERATURE EXCEEDS 30°C.
b) WHEN THE SURROUNDING WIND SPEED EXCEEDS 12 KNOTS.
- IMPLEMENT THE FOLLOWING PROCEDURES TO MITIGATE PREMATURE DRYING & CRACKING OF THE CONCRETE:
a) IN HOT CONDITIONS, PROGRAM CONCRETE PLACEMENT FOR THE COOLER PART OF THE DAY (ie. EARLY MORNING).
b) SPRAY EVAPORATIVE RETARDERS WITH FUGATIVE DYES (eg. ALIPHATIC ALCOHOL) OVER THE SURFACE IMMEDIATELY AFTER SCREEDING & WHILST BLEED WATER IS STILL PRESENT. REAPPLY IF THE SURFACE IS DISTURBED.
c) COMMENCE CURING IMMEDIATELY AFTER FINISHING. CURE FOR 7 DAYS.
- VIBRATE CONCRETE DURING PLACEMENT TO GIVE MAXIMUM COMPACTION WITHOUT SEGREGATION.
- SURFACE FINISH - REFER TO DRAWINGS FOR DETAILS.
- COMMENCE CURING OF ALL CONCRETE SURFACES IMMEDIATELY ON FINISHING & CONTINUE FOR 7 DAYS MIN.
- EXPANSION JOINTS & ISOLATION JOINTS ARE TO BE SEALED TO MANUFACTURER'S SPECIFICATIONS WITH A GUN GRADE POLYURETHANE LOW MODULUS SELF PRIMING SEALANT EQUAL TO 'TREMCO DYMNIC NT' (+100%, -50% MOVEMENT CAPACITY). SEALANT COLOUR GREY OR EQUIVALENT.

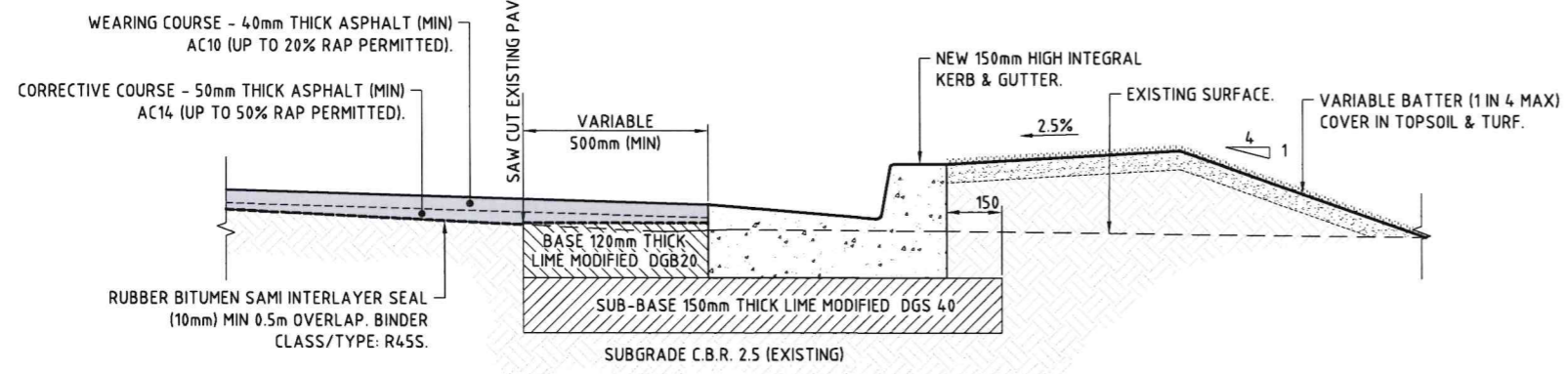
KERB RAMP & FOOTPATH NOTES:

- CONCRETE TO BE MINIMUM GRADE N25.
- ALL CONCRETE TO BE TRANSVERSE HEAVY BROOM FINISHED. USE A STANDARD EDGING TOOL TO PENCIL ROUND THE EDGE INCLUDING CONTROL & EXPANSION JOINTS WITH SMOOTH BORDER APPROXIMATELY 50mm WIDE.
- THE RAMP GRADIENT IS TO BE NO STEEPER THAN 1 IN 8.
- ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS3600, CONCRETE CODE.
- FOUNDATION MATERIALS MUST BE CAPABLE OF WITHSTANDING A SAFE BEARING PRESSURE OF 100kPa. VERIFY & RECORD THE BEARING CAPACITY BEFORE ANY CONCRETE IS PLACED.
- DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.

Hornsby Shire Council Design & Construction Telephone: (02) 9847 8888 Facsimile: (02) 9847 8999 Authorised for release - Manager Design & Construction Name: R. RAJCA	Designer K.ROM Drawn K.ROM Surveyor J.HART Project Identifier \ CAD File Name H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg TRIM Document Number D08926935	Design Checked Design Team Leader Signed: <i>[Signature]</i> Drawing Checked Signed: <i>[Signature]</i> Surveyor NA NA AHD/GDA94 Field Book Level Book Datum 1 ISSUED FOR CONSTRUCTION Description M. DRAKE Name Initial Date M.D. 27/8	Bar Scales NOT TO SCALE	 HORNBSBY SHIRE COUNCIL PO BOX 37, HORNSBY NSW 1630	Project Number 101142 Sheet of 2 17 Issue 1 HSC Drawing Number 1158.1	BOLTON AVENUE, MOUNT COLAH PROPOSED ROAD RECONSTRUCTION FULL LENGTH PROJECT NOTES
	Date 3/9/24	Design not to be amended without authorisation by Manager Design & Construction	DO NOT SCALE, USE FIGURED DIMENSIONS ONLY			



TYPICAL SECTION
NOT TO SCALE



NEW ROAD PAVEMENT DETAIL
NOT TO SCALE
(FOR DESIGN TRAFFIC ESA : 8 x 10⁶)

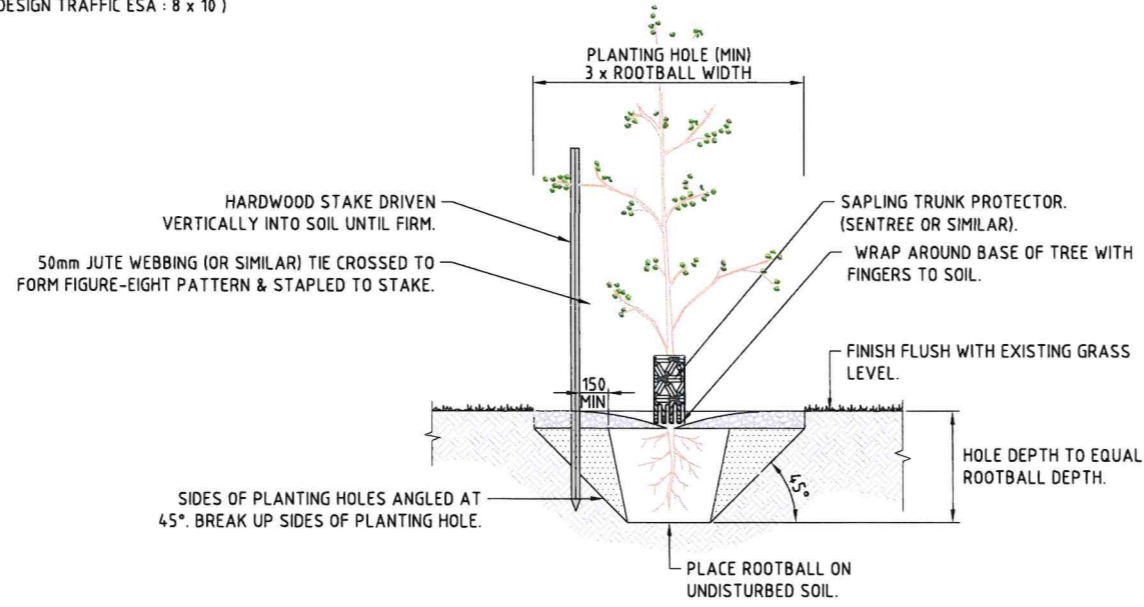
ASPHALT COURSE & LAYER THICKNESS TABLE

NOMINAL SIZE OF ASPHALT (mm)	COMPACTED LAYER THICKNESS (mm)	TYPE OF WORK	RAP (%)
10	30 TO 45	WEARING COURSE	MAX. 20
14	30 TO 55	CORRECTIVE COURSE	MAX. 50
20	40 TO 90	CORRECTIVE COURSE	MAX. 50

NOTE: REFER TO GEO-TECHNICAL NOTES ON SHEET No. 2 FOR REFERENCE TO PAVEMENT TESTING REPORT.

GENERAL PLANTING NOTES:

- TREE SPECIES TO BE REPLACED WITH LIKE FOR LIKE.
- ALL TIMBER IN CONTACT WITH GROUND TO BE CLASS 1 DURABILITY HARDWOOD OR EQUIVALENT TREATED PINE.
- CHECK FOR UNDERGROUND SERVICES PRIOR TO EXCAVATING FOR PLANTING TRENCH.
- DO NOT LOCATE TREES WITHIN 4m OF STREET LIGHTS.
- DO NOT LOCATE TREES WITHIN 3m OF DRIVEWAYS.
- DO NOT LOCATE TREES WITHIN 3m OF STORMWATER PITS.
- HAND DIG HOLES 1.5 TIMES DIAMETER OF POT/BAG.
- ENSURE REMOVED SOIL IS WELL SHAKEN UP INTO FINE MATERIAL.
- WHERE HEAVY CLAY PRESENT, ADD GYPSUM AS PER MANUFACTURERS RECOMMENDED INSTRUCTIONS.
- HOLE TO BE 50mm BELOW POT DEPTH.



TYPICAL TREE PLANTING DETAIL
NOT TO SCALE

PLANTING SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE	TOTAL No.	MATURE HEIGHT (m)
Tg	TIBOUCHINA GRANULOSA	PURPLE GLORY BUSH	25L	4	5-8
Ah	ANGOPHORA HISPIDA	DWARF APPLE	25L	4	2-3
Li	LAGERSTROEMIA INDICA	CREPE MYRTLE	25L	1	6-8
Zs	ZELKOVA SERRATA	JAPANESE ZELKOVA	25L	1	8-12
Ep	EUCALYPTUS PILULARIS	BLACKBUTT	25L	1	30-40
Ac	ANGOPHORA COSTATA	SYDNEY RED GUM	25L	2	15-25

Hornsby Shire Council
Design & Construction Branch
TELEPHONE (02) 9847 6666
FACSIMILE (02) 9847 6999
Name: R. RAJCA
Signed: [Signature]
Date: 3/12/24

Designer K.ROM	Design Checked Signed: [Signature]	Design Team Leader
Drawn K.ROM	Drawing Checked	
Surveyor J.HART	NA	NA
Field Book	NA	AHD/GDA94
Level Book		Datum
Project Identifier \ CAD File Name H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg	1	ISSUED FOR CONSTRUCTION
TRIM Document Number D08926935	Issue	Description
	Name	Initial
	Date	Date

Design not to be amended without authorisation by Manager Design & Construction

Bar Scales
NOT TO SCALE
DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

PO BOX 37, HORNSBY NSW 1630

VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
TYPICAL SECTION, NEW ROAD PAVEMENT DETAILS
& TREE PLANTING DETAILS.

Project Number
101142
Sheet of
3 17
Issue
1
HSC Drawing Number
1158.1



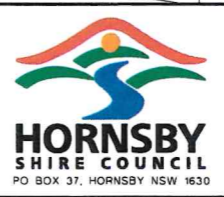
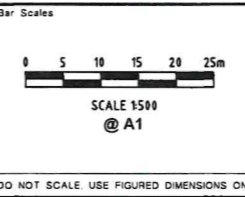
Hornsby Shire Council
Design & Construction
Branch

TELEPHONE: (02) 9847 5656
 FACSIMILE: (02) 9847 6999
 Authorised for release - Manager Design & Construction
 Name: R. RAJCA

Designer: K.ROM
 Drawn: K.ROM
 Surveyor: J.HART
 Project Identifier: \\CAD File Name
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 TRIM Document Number
 D08926935

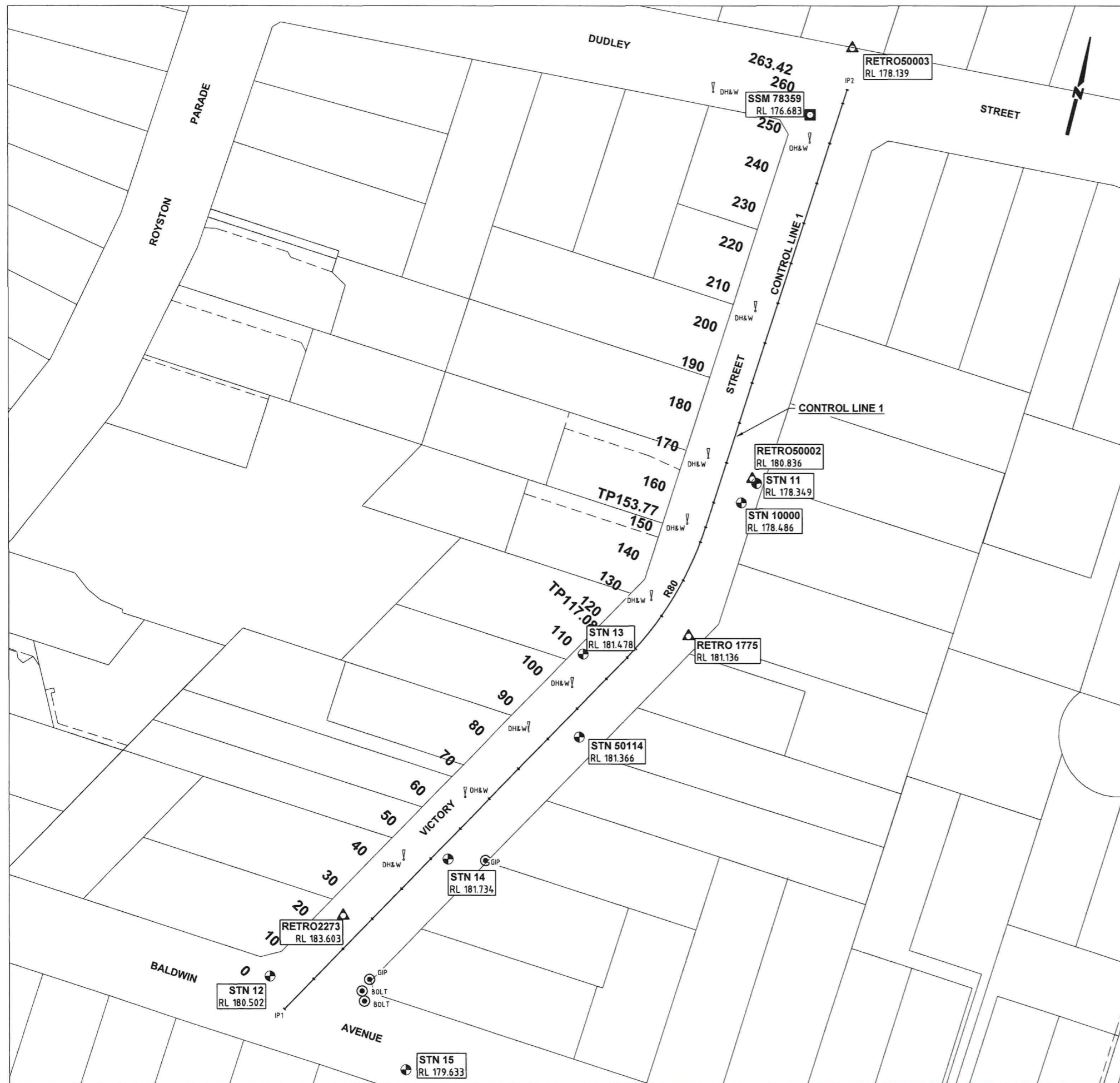
Issue	Description	Name	Initials	Date
1	ISSUED FOR CONSTRUCTION	M. DRAKE	MD	27/8

Design not to be amended without authorisation by Manager Design & Construction



VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
 OVERALL LAYOUT PLAN

Project Number	101142		
Sheet	of	Issue	
4	17	1	
HSC Drawing Number	1158.1		



NOTE: ALL COORDINATES ARE ON MGA94 ZONE 56 DATUM.

SURVEY STATIONS & REFERENCE MARKS SETOUT TABLE				
NUMBER	EASTING	NORTHING	LEVEL	DESCRIPTION
9	325017.307	6271018.522	176.683	SSM78359
11	325019.211	6270929.822	178.349	STN11
12	324924.233	6270794.482	180.502	STN12
13	324985.100	6270882.675	181.478	STN13
14	324961.400	6270829.045	181.734	STN14
15	324959.764	6270777.906	179.633	STN15
101	324947.365	6270792.358	180.228	BOLT
102	324951.022	6270827.176	181.562	DH&W
105	324993.632	6271020.033	177.633	DH&W
107	324999.000	6270898.112	180.209	DH&W
108	324983.811	6270874.485	181.397	DH&W
1775	325009.191	6270891.073	181.136	RETRO1775
2273	324939.066	6270811.610	183.603	RETRO2273
10000	325016.369	6270924.591	178.486	STN10000
10007	324970.269	6270830.205		GIP
10008	324947.725	6270797.660		GIP
10009	324946.457	6270794.656		BOLT
12010	325012.184	6270970.300	177.623	DH&W
12011	325018.296	6271011.994	176.673	DH&W
50000	325006.822	6270933.830	178.813	DH&W
50001	325004.469	6270917.574	179.368	DH&W
50002	325018.064	6270930.643	180.836	RETRO50002
50003	325024.593	6271035.796	178.139	RETRO50003
50114	324987.478	6270862.990	181.366	STNDPYPL
50213	324962.953	6270844.393	181.914	DH&W
50217	324975.337	6270862.276	181.861	DH&W

NOTE: ALL COORDINATES ARE ON MGA94 ZONE 56 DATUM.

CONTROL LINE No.1 SETOUT DETAILS						
PT	CHAINAGE	EASTING	NORTHING	LEVEL	SEG	RAD
IP 1	0.000	324928.894	6270787.339	180.166	LINE	
	10.000	324934.589	6270795.560	180.541		
	20.000	324940.283	6270803.780	180.916		
	30.000	324945.978	6270812.000	181.291		
	40.000	324951.672	6270820.221	181.667		
	50.000	324957.366	6270828.441	181.894		
	60.000	324963.061	6270836.661	182.030		
	70.000	324968.755	6270844.882	182.074		
	80.000	324974.450	6270853.102	182.025		
	90.000	324980.144	6270861.322	181.913		
	100.000	324985.838	6270869.543	181.674		
TC	110.000	324991.533	6270877.763	181.320	ARC	
	117.076	324995.562	6270883.580	181.032		
CT	120.000	324997.183	6270886.013	180.904	LINE	-80.000
	130.000	325002.033	6270894.751	180.464		
	140.000	325005.757	6270904.025	180.054		
	150.000	325008.294	6270913.691	179.620		
	153.774	325008.936	6270917.410	179.516		
	160.000	325009.848	6270923.568	179.227		
	170.000	325011.314	6270933.460	178.837		
	180.000	325012.779	6270943.352	178.530		
	190.000	325014.245	6270953.244	178.226		
	200.000	325015.710	6270963.136	177.933		
210.000	325017.176	6270973.028	177.663			
220.000	325018.642	6270982.920	177.410			
230.000	325020.107	6270992.812	177.157			
240.000	325021.573	6271002.704	176.905			
250.000	325023.039	6271012.596	176.652			
260.000	325024.504	6271022.488	176.399			
IP 2	263.424	325025.006	6271025.875	176.313		

SURVEY MARKS:

NOTE: SURVEY MARKS MUST NOT BE DISTURBED. IF MARKS HAVE TO BE REMOVED APPLICATION MUST BE MADE THROUGH A REGISTERED SURVEYOR TO SUBMIT A "PRESERVATION OF SURVEY INFRASTRUCTURE" FORM TO SPATIAL SERVICES NSW.

SURVEY CONTROL

SURVEY STATION AND/OR CONTROL LINE DETAILS CHECKED AND VERIFIED

Signed	Date
Project Number	101142
Sheet of	5 of 17
Issue	1
HSC Drawing Number	1158.1

**Hornsby Shire Council
Design & Construction Branch**

TELEPHONE: (02) 9847 6666
FACSIMILE: (02) 9847 6999
Name: R. RAJCA

Designer: K.ROM
Drawn: K.ROM
Surveyor: J.HART
Project Identifier: \CAD File Name
H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg
TRIM Document Number: D08926935

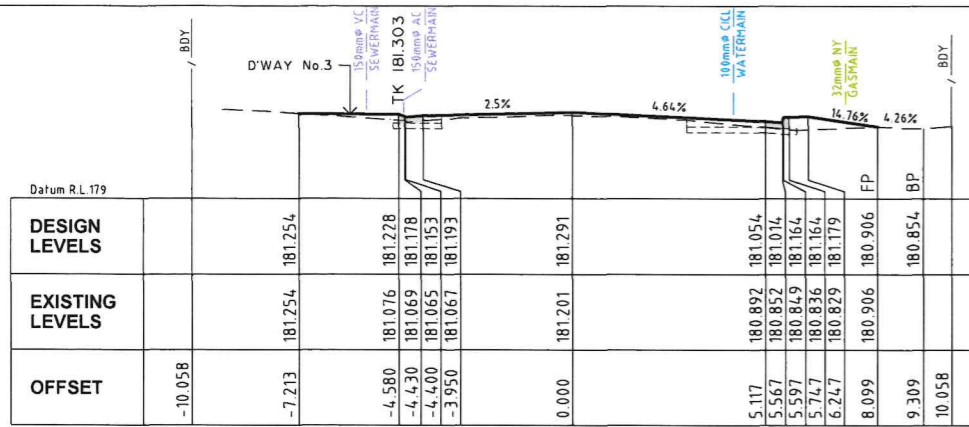
Design Checks: Design Team Leader
Signed: M. Drake
Drawing Checked: M. Drake
Signed: M. Drake
NA NA AHD
Field Book Level Book Datum
1 ISSUED FOR CONSTRUCTION M. DRAKE 1/10 27/9
Issue Name Initial Date
Design not to be amended without authorisation by Manager Design & Construction

Bar Scales
0 5 10 15 20 25m
SCALE 1:500
@ A1
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

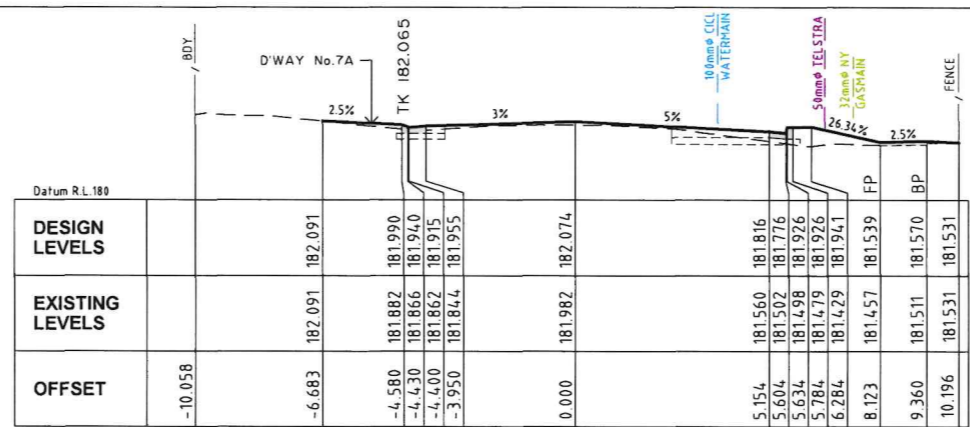


**VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH**

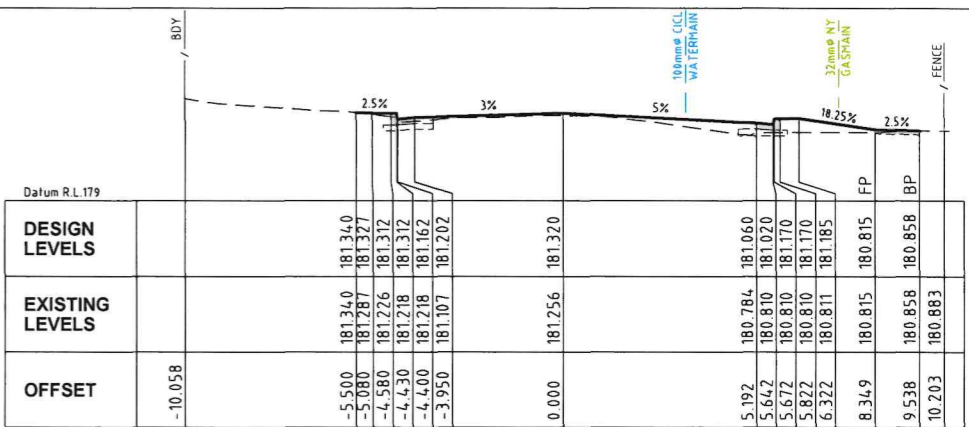
CONTROL LINE 1 SETOUT DETAILS



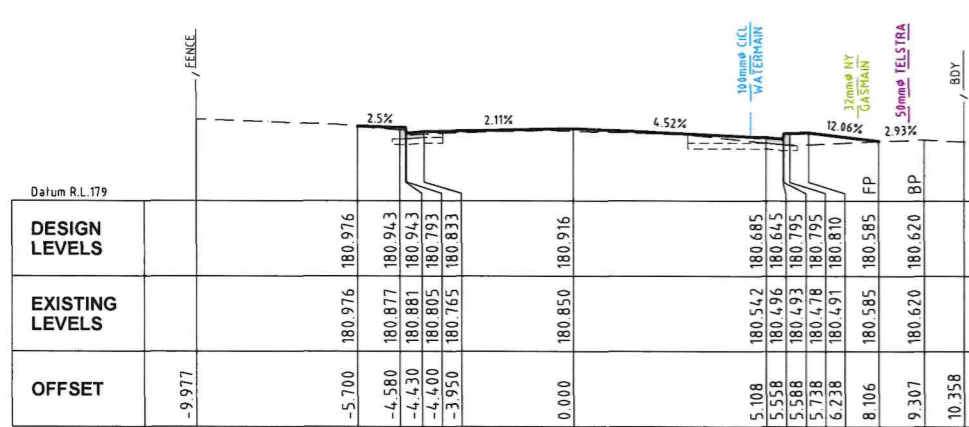
CH 30.000



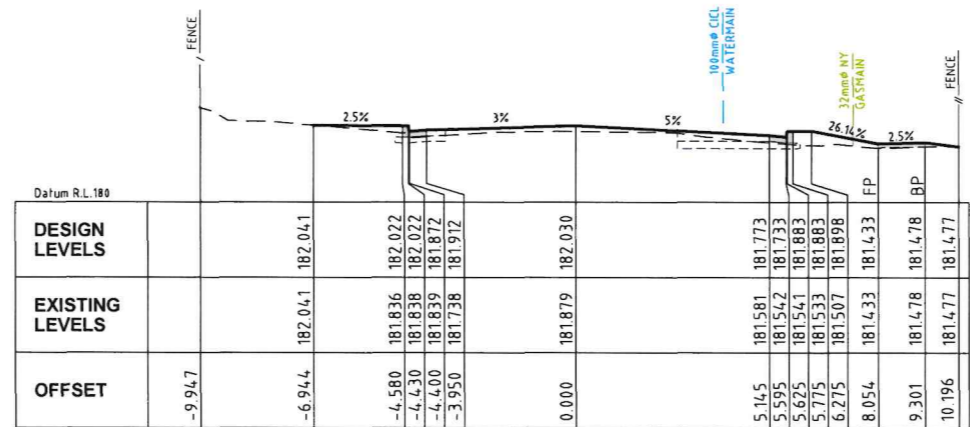
CH 70.000



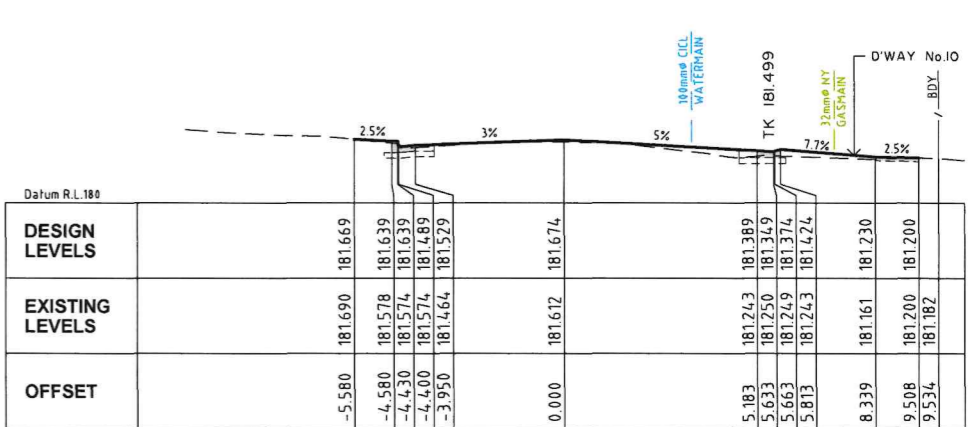
CH 110.000



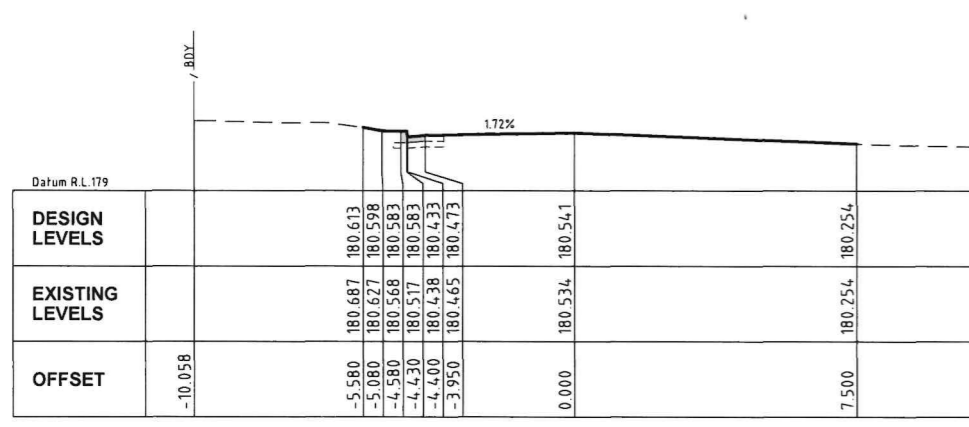
CH 20.000



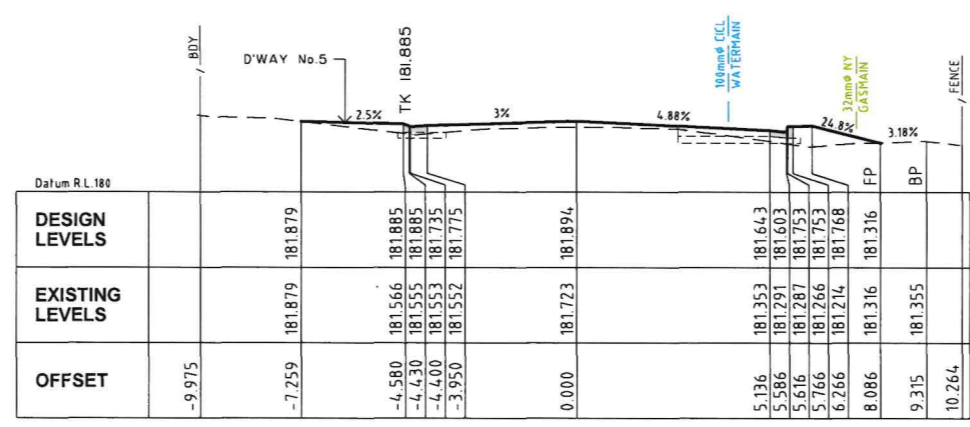
CH 60.000



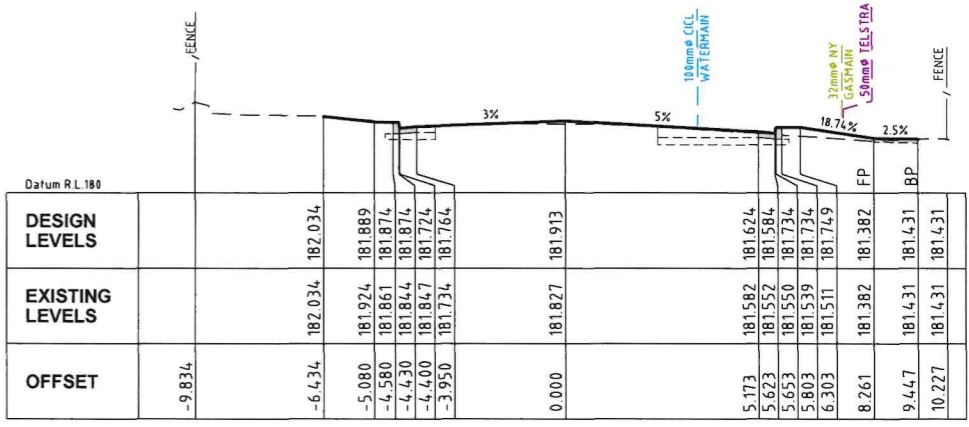
CH 100.000



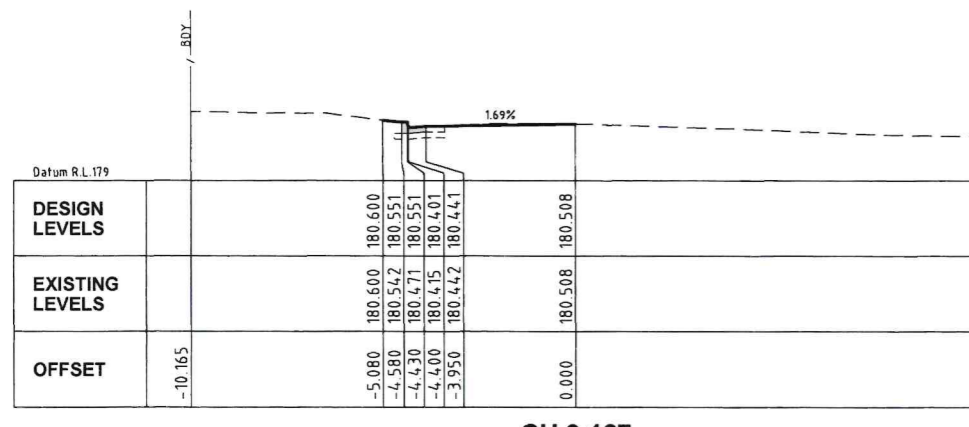
CH 10.000



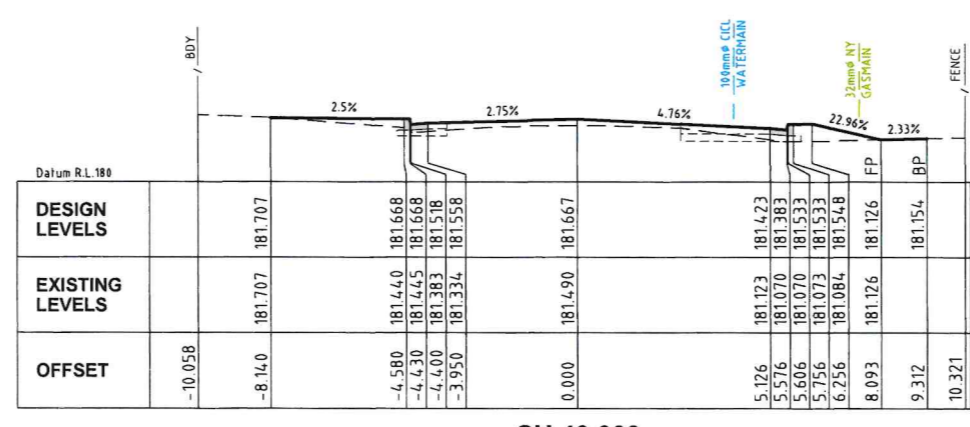
CH 50.000



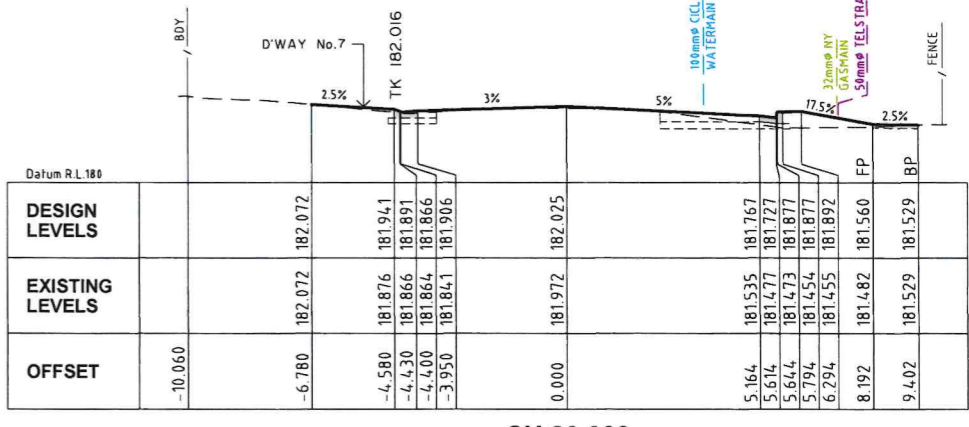
CH 90.000



CH 9.127



CH 40.000



CH 80.000

Hornsby Shire Council
Design & Construction
Branch

TELEPHONE (02) 9847 6888
 FACSIMILE (02) 9847 6999

Authorised for release - Manager Design & Construction
 Name R. RAJCA

Designer: K.ROM
 Drawn: K.ROM
 Surveyor: J.HART

Design Checked: [Signature]
 Drawing Checked: [Signature]

Project Identifier: \\\CAD File Name
 H:\\Victory St_LR_101142\\Design\\ACAD\\Victory St.dwg

Issue: 1
 Description: ISSUED FOR CONSTRUCTION
 Name: M. DRAKE
 Initial: MD
 Date: 27/12

Design not to be amended without authorisation by Manager Design & Construction

Bar Scales
 0 1 2 3 4 5m
 SCALE 1:100
 @ A1

DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

HORNSBY
SHIRE COUNCIL
 PO BOX 37, HORNSBY NSW 1630

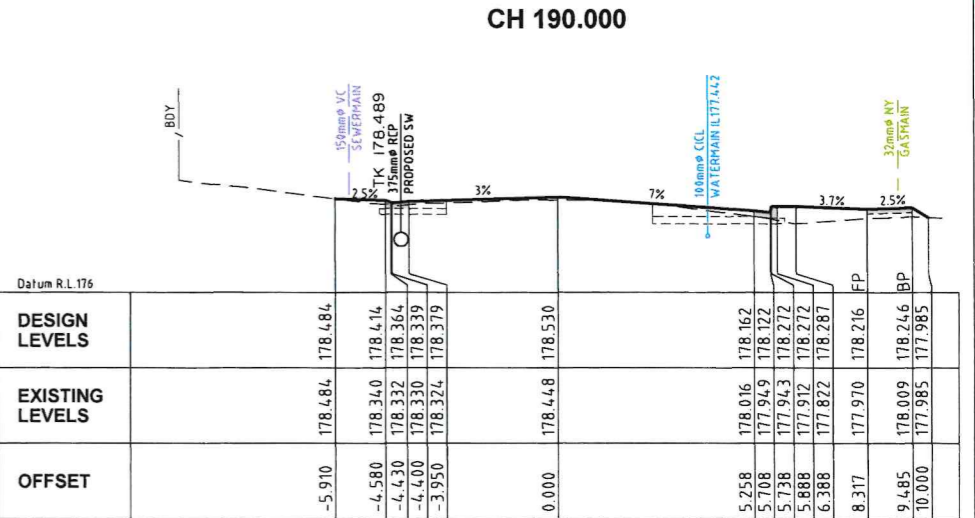
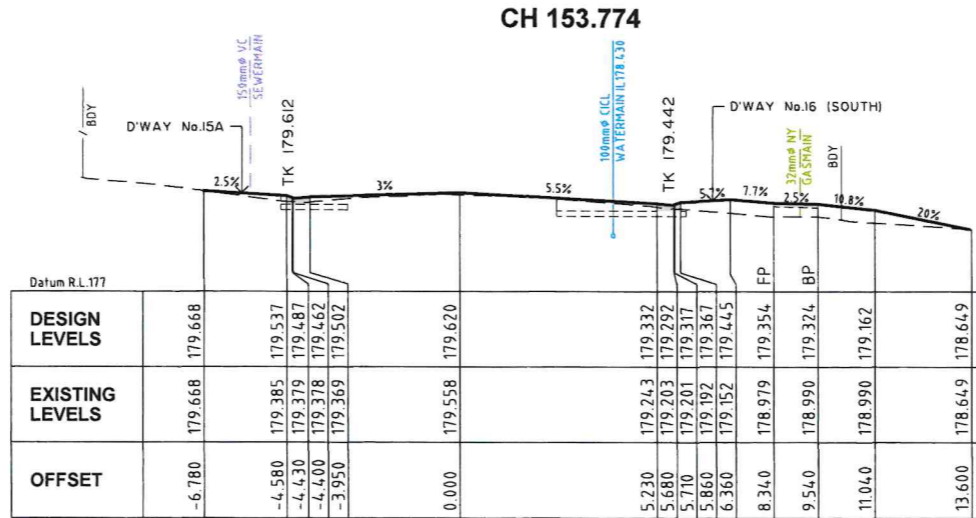
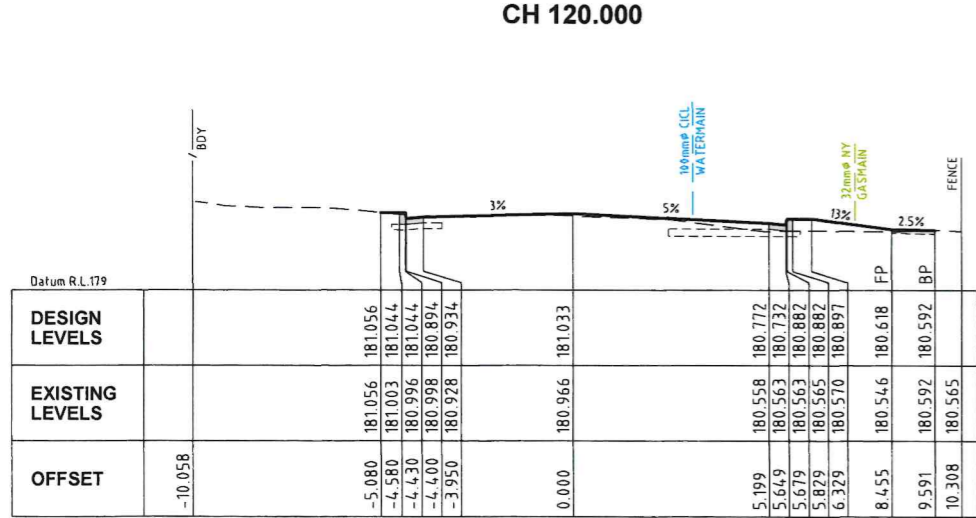
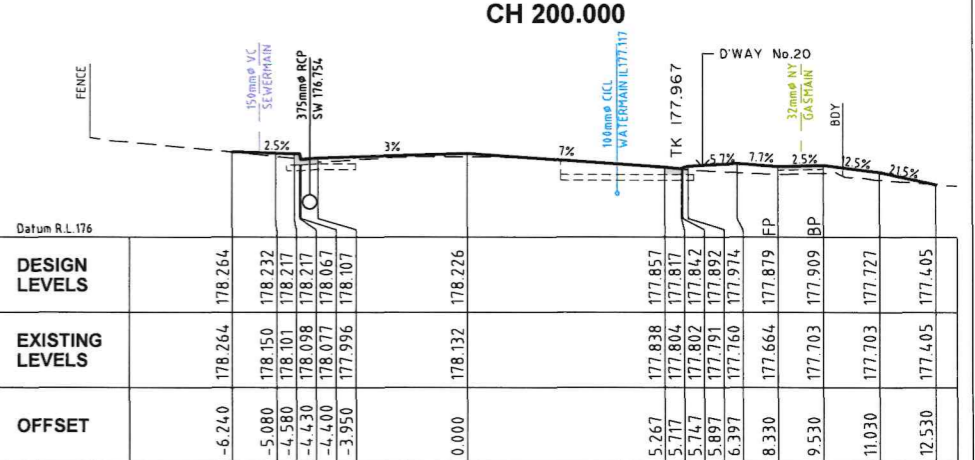
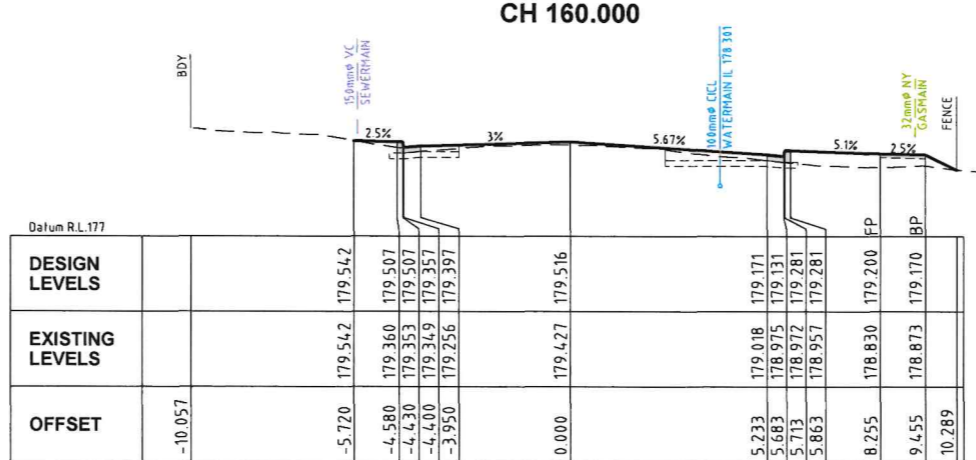
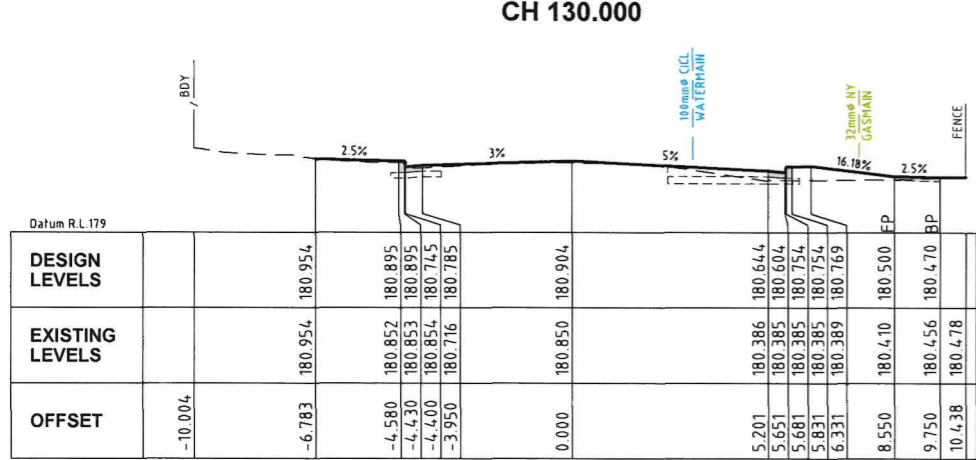
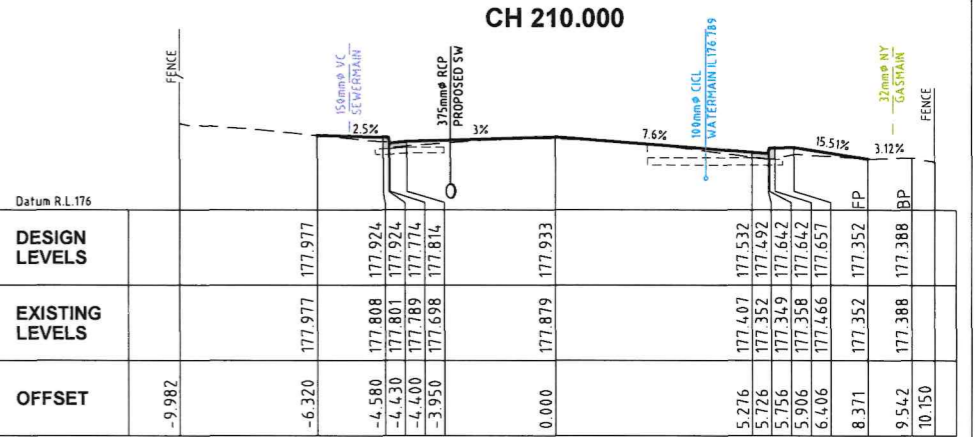
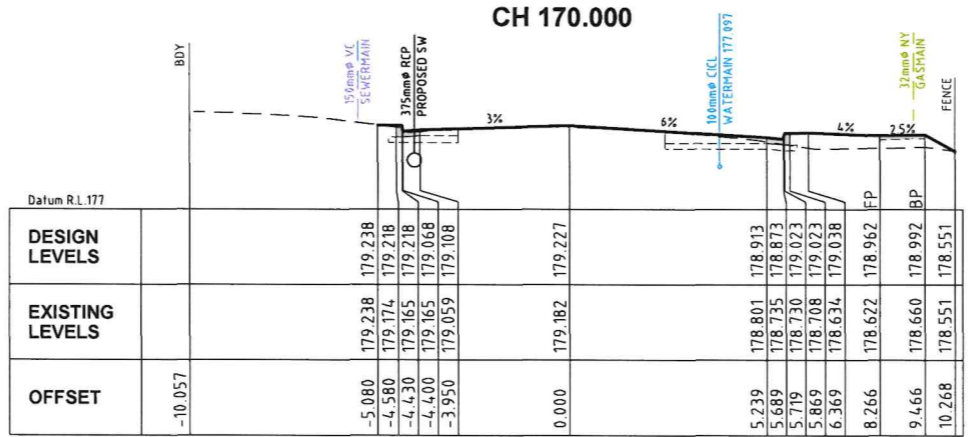
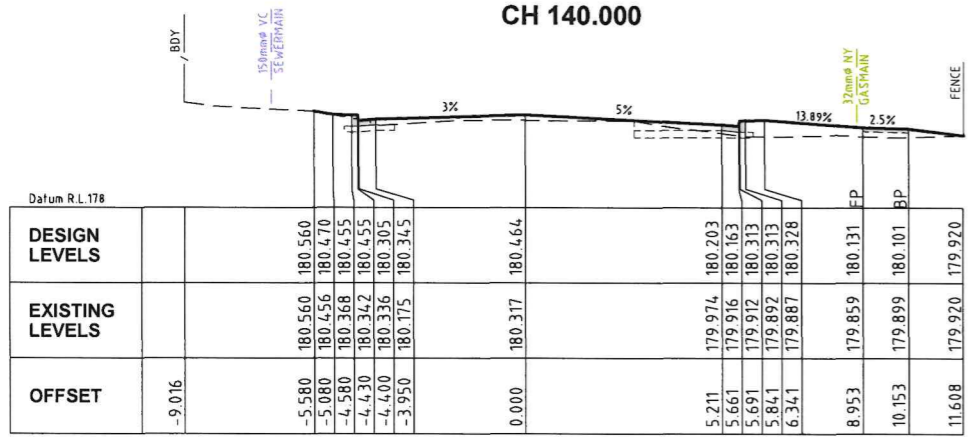
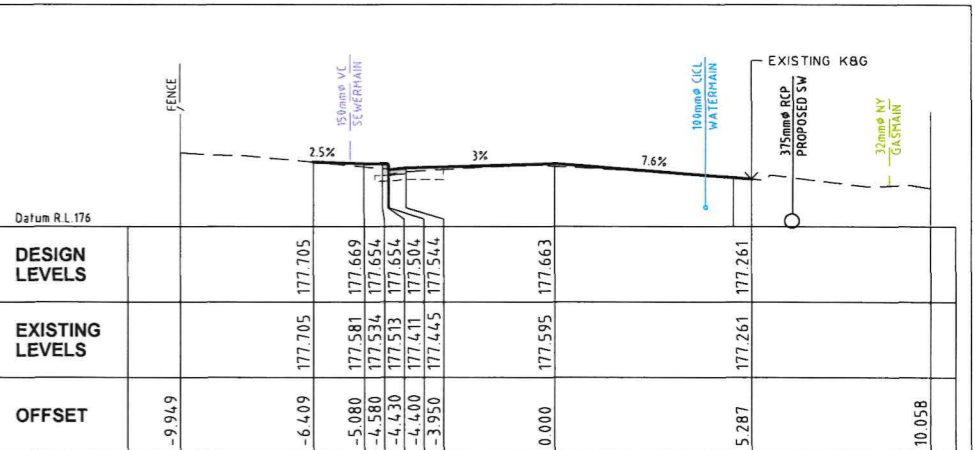
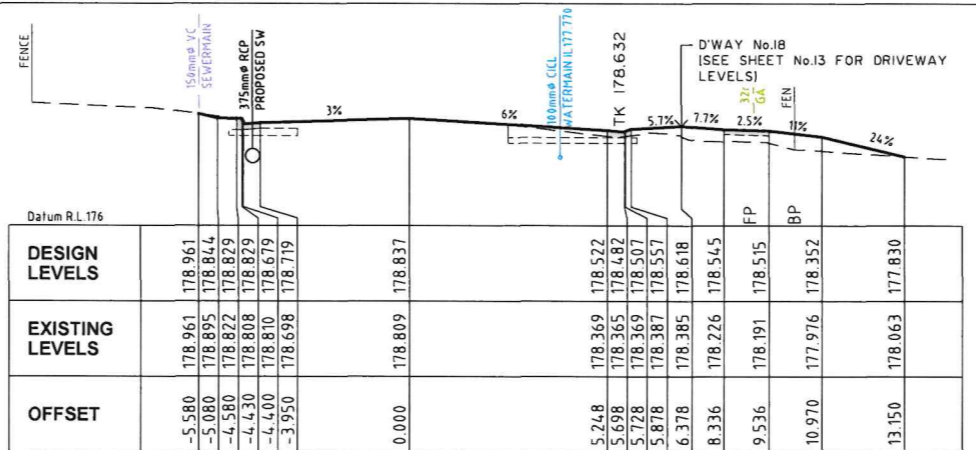
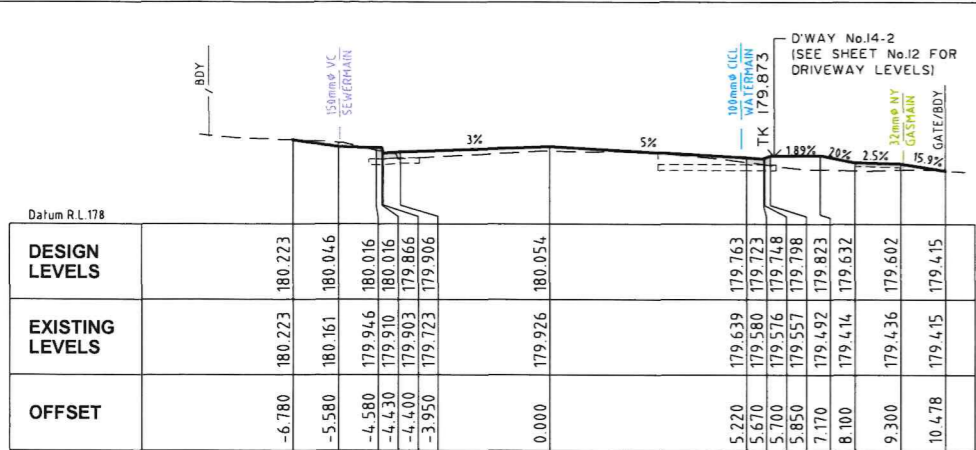
VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH

Project Number: 101142
 Sheet: 8 of 17
 Issue: 1

CL1 CROSS SECTIONS - CH9.127 TO CH110.000.
 HSC Drawing Number: 1158.1

Project Number: 101142
 Sheet: 8 of 17
 Issue: 1

HSC Drawing Number: 1158.1



Hornsby Shire Council Design & Construction Branch

Project Identifier: \CAD File Name
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TRIM Document Number
 D08926935

3/19/22

Design Checked: M. Drake
 Drawing Checked: M. Drake

Scale: 1:100 @ A1

ISSUED FOR CONSTRUCTION

Design not to be amended without authorisation by Manager Design & Construction

Hornsby Shire Council

VICTORY STREET, ASQUITH
 PROPOSED ROAD RECONSTRUCTION
 FULL LENGTH

CL1 CROSS SECTIONS - CH117.076 TO CH210.000.

Project Number: 101142
 Sheet: 9 of 17
 Issue: 1

HSC Drawing Number: 1158.1

DESIGN LEVELS	EXISTING LEVELS	OFFSET
176.703	176.703	-5.330
176.642	176.667	-4.625
176.642	176.667	-4.475
176.492	176.589	-4.445
176.532	176.532	-3.995
176.652	176.638	0.000
176.477	176.477	5.377
		10.127

CH 250.000

DESIGN LEVELS	EXISTING LEVELS	OFFSET
176.864	176.870	-5.080
176.849	176.835	-4.580
176.849	176.743	-4.430
176.699	176.699	-4.400
176.739	176.731	-3.950
176.905	176.853	0.000
176.676	176.676	5.349
		10.124

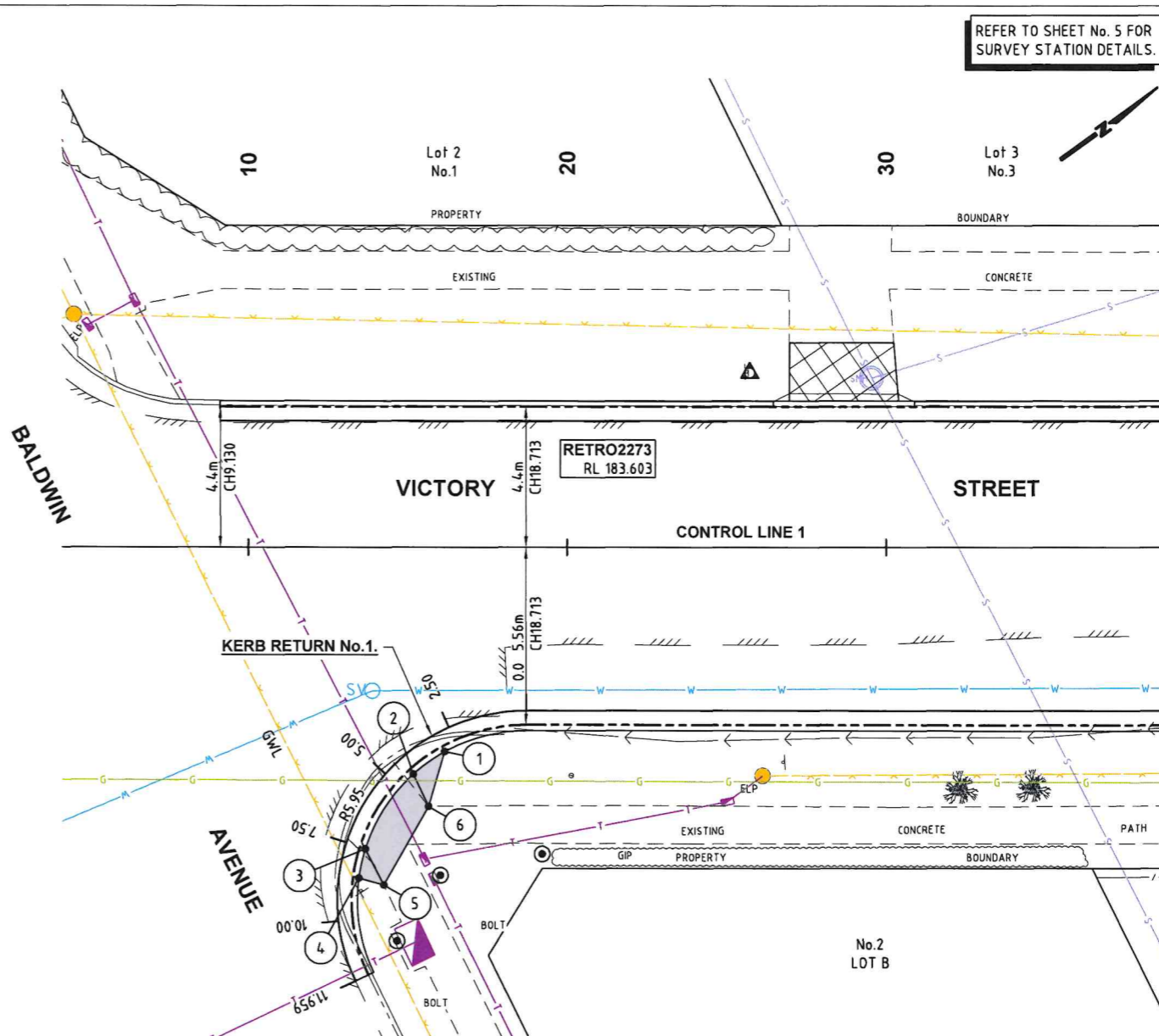
CH 240.000

DESIGN LEVELS	EXISTING LEVELS	OFFSET
177.125	177.118	-6.809
177.125	177.054	-4.580
177.125	176.960	-4.430
176.915	176.918	-4.400
177.015	176.947	-3.950
177.157	177.062	0.000
176.882	176.882	5.325
		10.094

CH 230.000

DESIGN LEVELS	EXISTING LEVELS	OFFSET
177.402	177.442	-6.780
177.402	177.296	-4.580
177.402	177.265	-4.430
177.252	177.208	-4.400
177.292	177.188	-3.950
177.410	177.313	0.000
177.078	177.078	5.300
		10.058

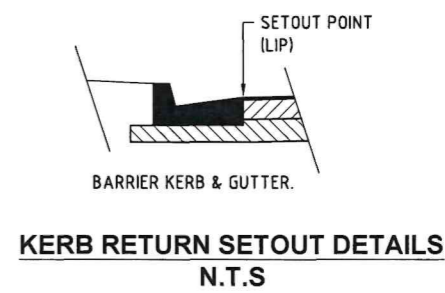
CH 220.000



SETOUT PLAN
SCALE 1:100

NOTE: ALL COORDINATES ARE ON MGA94 ZONE 56 DATUM.

CHAINAGE	EASTING	NORTHING	LIP LEVEL	RAD/SPIRAL
0.000	324943.748	6270799.814	180.638	-5.950
2.500	324942.791	6270797.524	180.527	-5.950
5.000	324942.852	6270795.043	180.380	-5.950
7.500	324943.919	6270792.803	180.210	-5.950
10.000	324945.807	6270791.193	180.080	-5.950
11.959	324947.651	6270790.559	180.010	-5.950



NOTE: ALL COORDINATES ARE ON MGA94 ZONE 56 DATUM.

PONIT No.	EASTING	NORTHING	REMARKS
1	324943.348	6270796.980	TOP OF KERB/RAMP WING
2	324943.360	6270795.762	INV OF KERB/BOT OF RAMP
3	324944.428	6270793.174	INV OF KERB/BOT OF RAMP
4	324945.061	6270792.489	TOP OF KERB/RAMP WING
5	324945.686	6270793.013	TOP OF RAMP
6	324944.470	6270795.585	TOP OF RAMP

Hornsby Shire Council
Design & Construction Branch

TELEPHONE: 022 9847 8666
FACSIMILE: 022 9847 8939

Authorised for release - Manager Design & Construction
Name: R. RAJCA

Designer: K.ROM
Drawn: K.ROM
Surveyor: J.HART

Design Checked: [Signature]
Drawing Checked: [Signature]

Project Identifier: \ACAD File Name
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TRIM Document Number: D08926935

Design not to be amended without authorisation by Manager Design & Construction

Issue	Description	Name	Initial	Date
1	ISSUED FOR CONSTRUCTION	M. DRAKE	MD	27/8

Bar Scales

SCALE 1:100
@ A1

DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

HORNSBY SHIRE COUNCIL
PO BOX 37, HORNSBY NSW 1630

VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH

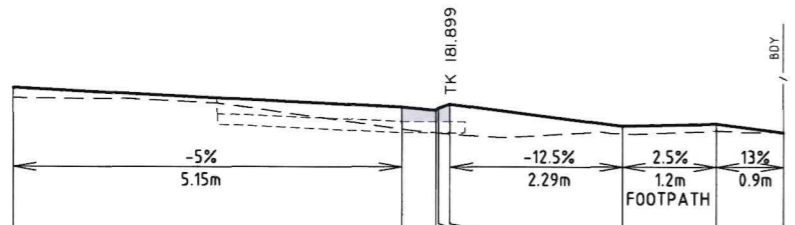
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& SET OUT PLAN.

Project Number: 101142

Sheet	of	Issue
10	17	1

HSC Drawing Number: 1158.1

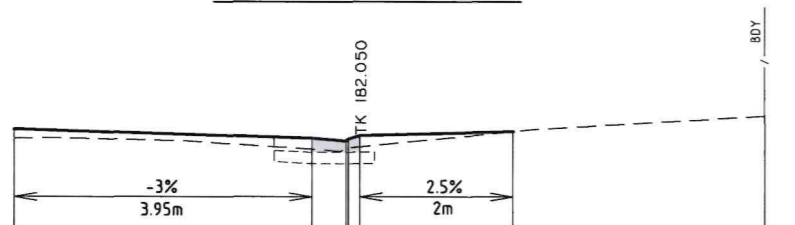
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Vertical Grade Length (m)



CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
0.138	182.046	181.909	0
			5.147
			5.597
			5.6
			5.777
			8.068
			9.268
			10.17

HOUSE No. 6 - CH61.982

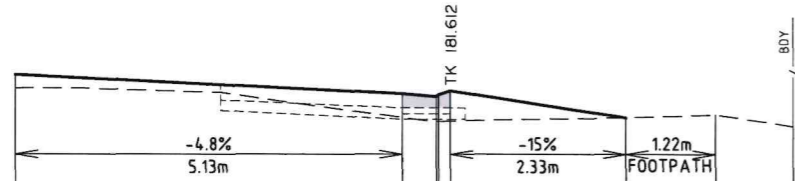
Vertical Geometry Grade (%)
Vertical Grade Length (m)



CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
0.121	182.058	181.937	0
			3.95
			4.4
			4.43
			4.58
			6.58
			9.943

HOUSE No. 5A - CH63.885
FOR HOUSE No. 5 - CH50 (REFER TO SHEET No. 8)

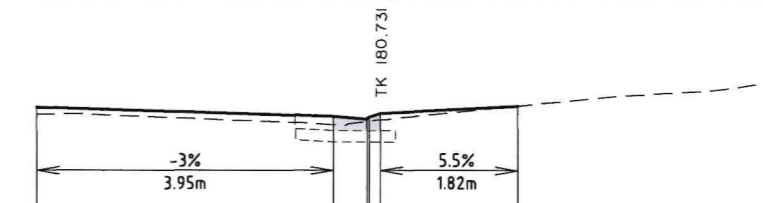
Vertical Geometry Grade (%)
Vertical Grade Length (m)



CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
0.178	181.748	181.570	0
			5.129
			5.579
			5.609
			5.759
			8.09
			9.310
			10.303

HOUSE No. 4 - CH43.195
FOR HOUSE No. 3 - CH30 (REFER TO SHEET No. 8)

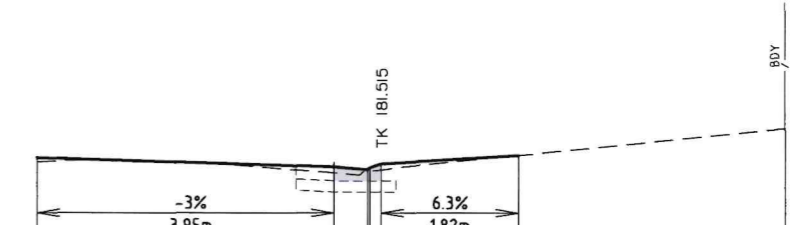
Vertical Geometry Grade (%)
Vertical Grade Length (m)



CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
0.096	180.739	180.643	0
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			4.4
			4.43
			4.58
			6.4
			9.814

HOUSE No. 11 - CH123.739

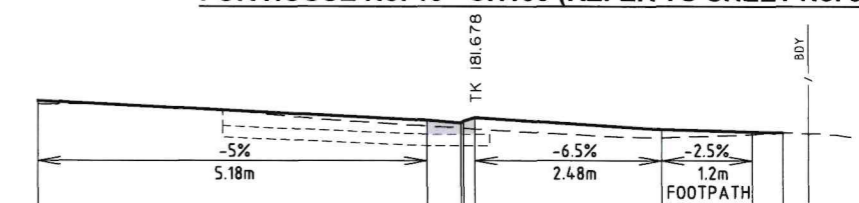
Vertical Geometry Grade (%)
Vertical Grade Length (m)



CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
0.055	181.523	181.469	0
			3.95
			4.4
			4.43
			4.58
			6.4

HOUSE No. 9 - CH104.134
FOR HOUSE No. 10 - CH100 (REFER TO SHEET No. 8)

Vertical Geometry Grade (%)
Vertical Grade Length (m)



CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
0.049	181.827	181.778	0
			5.176
			5.626
			5.656
			5.806
			8.283
			9.483
			9.890
			10.233

HOUSE No. 8 - CH92.764
FOR HOUSE No. 7 - CH80 (REFER TO SHEET No. 8)
FOR HOUSE No. 7A - CH70 (REFER TO SHEET No. 8)

Hornsby Shire Council
Design & Construction Branch

Designer
K.ROM
Drawn
K.ROM
Surveyor
J.HART
Project Identifier: \\CAD File Name
H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg
TRIM Document Number
D08926935

Design Checked
Signed: *M. Drake*
Drawing Checked
Signed: *M. Drake*
NA NA AHD
Field Book Level Book Datum
1 ISSUED FOR CONSTRUCTION M. DRAKE 1/10/27/8
Issue Description Name Initial Date
Design not to be amended without authorisation by Manager Design & Construction

Bar Scale
0 1 2 3m
SCALE 1:50
@ A1
DO NOT SCALE, USE FIGURED DIMENSIONS ONLY



VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
DRIVEWAY PROFILES
SHEET 1 OF 3

Project Number
101142
Sheet of
11 17
Issue
1
HSC Drawing Number
1158.1

Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L. 178.000

CUT / FILL DEPTH TO EXISTING										
CONTROL LINE FINISHED LEVEL	180.353	180.092	180.052	180.077	180.127	180.153	180.037	179.989	179.689	0
EXISTING SURFACE LEVEL	180.200	179.912	179.872	179.871	179.858	179.724	179.688	179.699	179.689	
CONTROL LINE CHAINAGE	0	5.220	5.670	5.700	5.850	7.170	8.670	9.870	11.370	

HOUSE No. 14 - CH132.523 (SOUTH)

Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L. 177.000

CUT / FILL DEPTH TO EXISTING					
CONTROL LINE FINISHED LEVEL	178.980	178.861	178.823	178.846	178.896
EXISTING SURFACE LEVEL	178.937	178.835	178.823	178.825	178.855
CONTROL LINE CHAINAGE	0	3.95	4.4	4.43	4.58

HOUSE No. 17A - CH166.468

Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L. 178.000

CUT / FILL DEPTH TO EXISTING										
CONTROL LINE FINISHED LEVEL	180.618	180.358	180.318	180.343	180.393	180.419	180.227	180.193	179.946	0
EXISTING SURFACE LEVEL	180.498	180.120	180.056	180.051	180.028	180.048	180.011	179.999	179.946	
CONTROL LINE CHAINAGE	0	5.206	5.656	5.686	5.836	7.156	9.645	11.000	11.828	13.000

HOUSE No. 12A - CH126.485

Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L. 177.000

CUT / FILL DEPTH TO EXISTING										
CONTROL LINE FINISHED LEVEL	178.969	178.667	178.627	178.652	178.702	178.777	178.693	178.660	178.575	178.498
EXISTING SURFACE LEVEL	178.946	178.548	178.546	178.544	178.536	178.456	178.387	178.407	178.276	178.233
CONTROL LINE CHAINAGE	0	5.245	5.695	5.725	5.875	7.195	8.292	9.492	10.260	10.992

HOUSE No. 16 - CH166.194 (NORTH)
FOR HOUSE No. 16 (SOUTH) - CH150 (REFER TO SHEET No. 9)

Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L. 179.000

CUT / FILL DEPTH TO EXISTING				
CONTROL LINE FINISHED LEVEL	181.246	180.987	180.947	181.022
EXISTING SURFACE LEVEL	181.185	180.740	180.770	180.770
CONTROL LINE CHAINAGE	0	5.194	5.644	5.824

HOUSE No. 12 - CH111.921

Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L. 178.000

CUT / FILL DEPTH TO EXISTING					
CONTROL LINE FINISHED LEVEL	179.987	179.738	179.699	179.774	179.799
EXISTING SURFACE LEVEL	179.899	179.634	179.602	179.589	179.438
CONTROL LINE CHAINAGE	0	5.228	5.678	5.708	6.384

HOUSE No. 14 - CH140.858 (NORTH)

Hornsby Shire Council
Design & Construction
Branch

Designer
K.ROM
Drawn
K.ROM
Surveyor
J.HART

Design Checked
Signed
Drawing Checked
Signed

Project Identifier: \\CAD File Name
H:\Victory St_LR_101142\Design\CAD\Victory St.dwg
1
ISSUED FOR CONSTRUCTION
M. DRAKE
11/0 27/18
Date

Field Book
Level Book
AHD
Datum

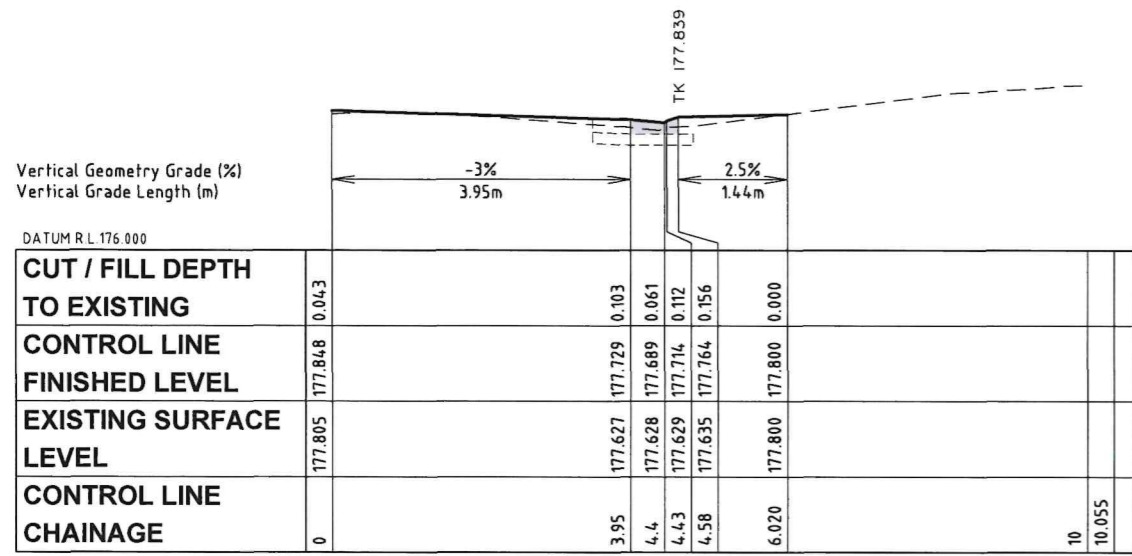
Design not to be amended without authorisation by Manager Design & Construction

Bar Scales
0 1 2 3m
SCALE 1:50
@ A1

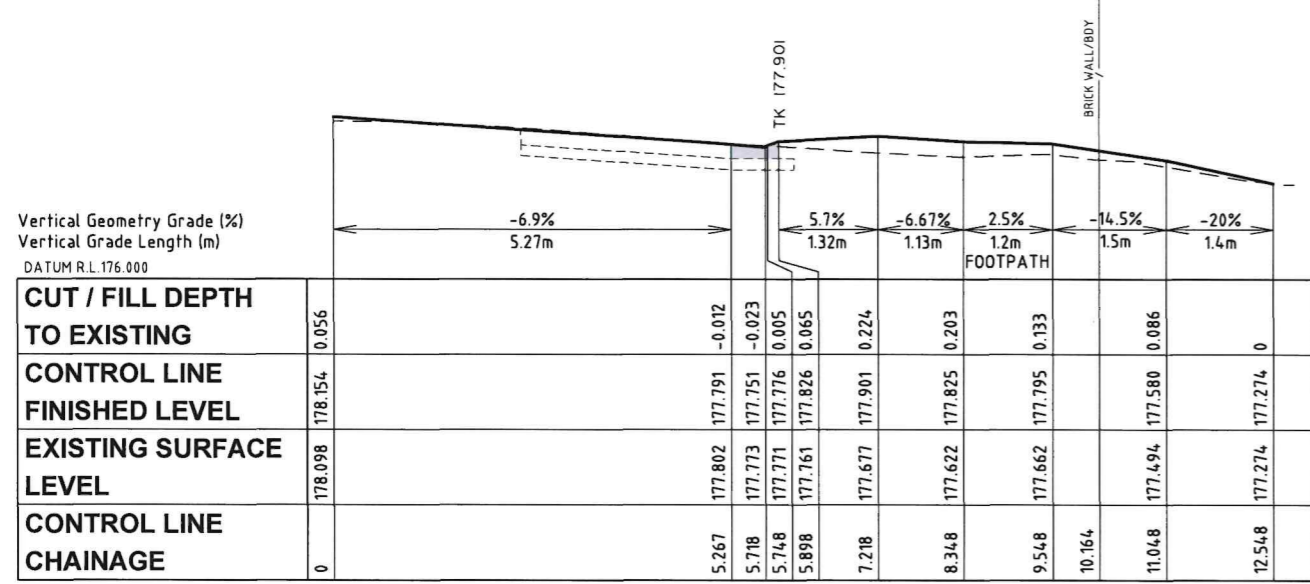


VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
DRIVEWAY PROFILES
SHEET 2 OF 3

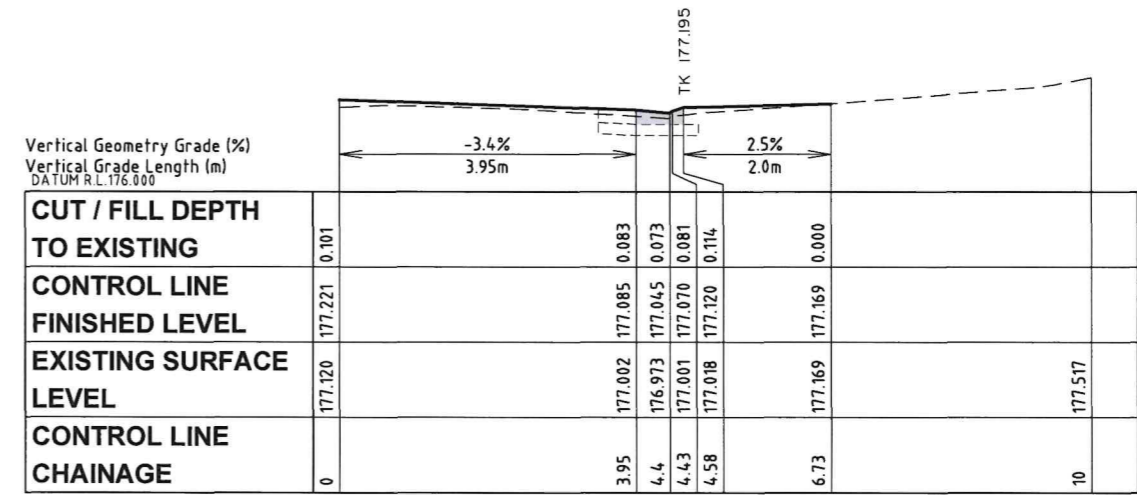
Project Number
101142
Sheet of
12 17
Issue
1
HSC Drawing Number
1158.1



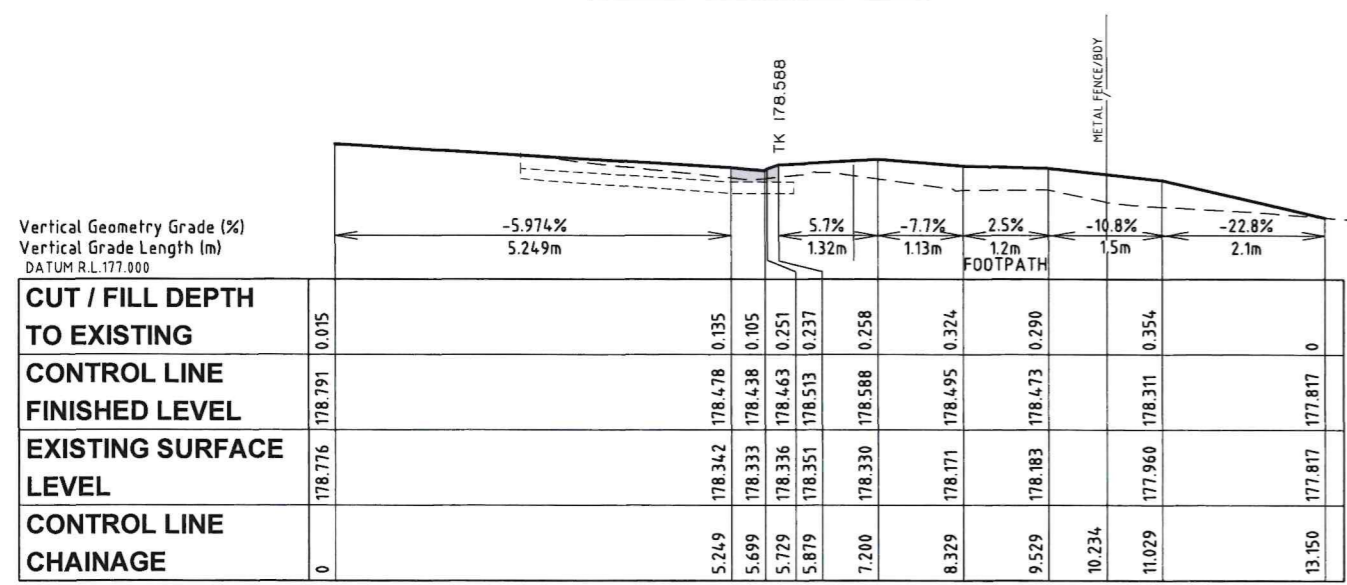
HOUSE No. 21 - CH202.689



HOUSE No. 20 - CH191.321

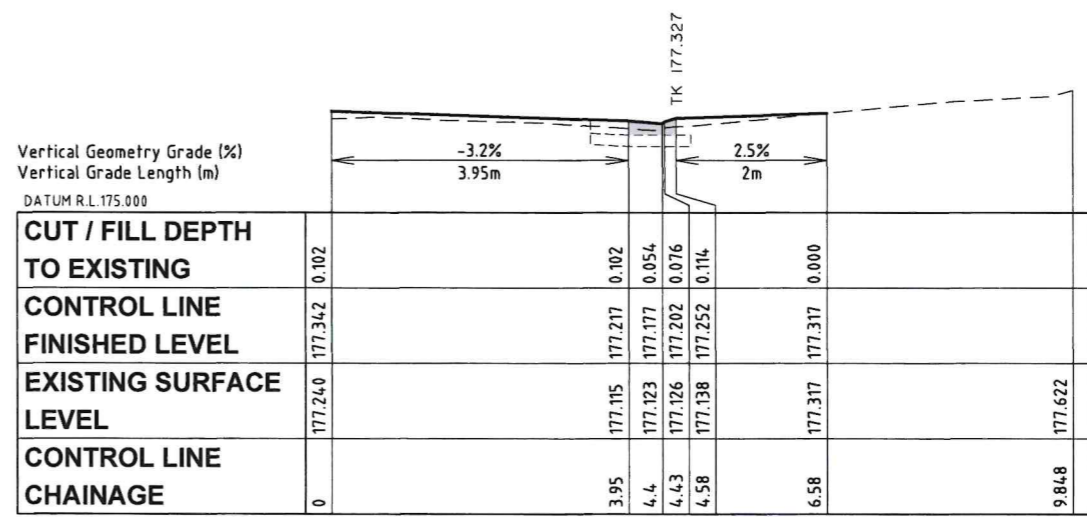


HOUSE No. 25 - CH227.466



HOUSE No. 18 - CH171.202

FOR HOUSE No. 18 - CH170 (REFER TO SHEET No. 9)



HOUSE No. 23 - CH222.690

Hornsby Shire Council
Design & Construction Branch
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FACSIMILE (02) 9847 6999
Authorised for release - Manager Design & Construction
Name: R. RAJCA

Designer: K.ROM
Drawn: K.ROM
Surveyor: J.HART
Project Identifier: \\CAD File Name
H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg
TRM Document Number: D08926935

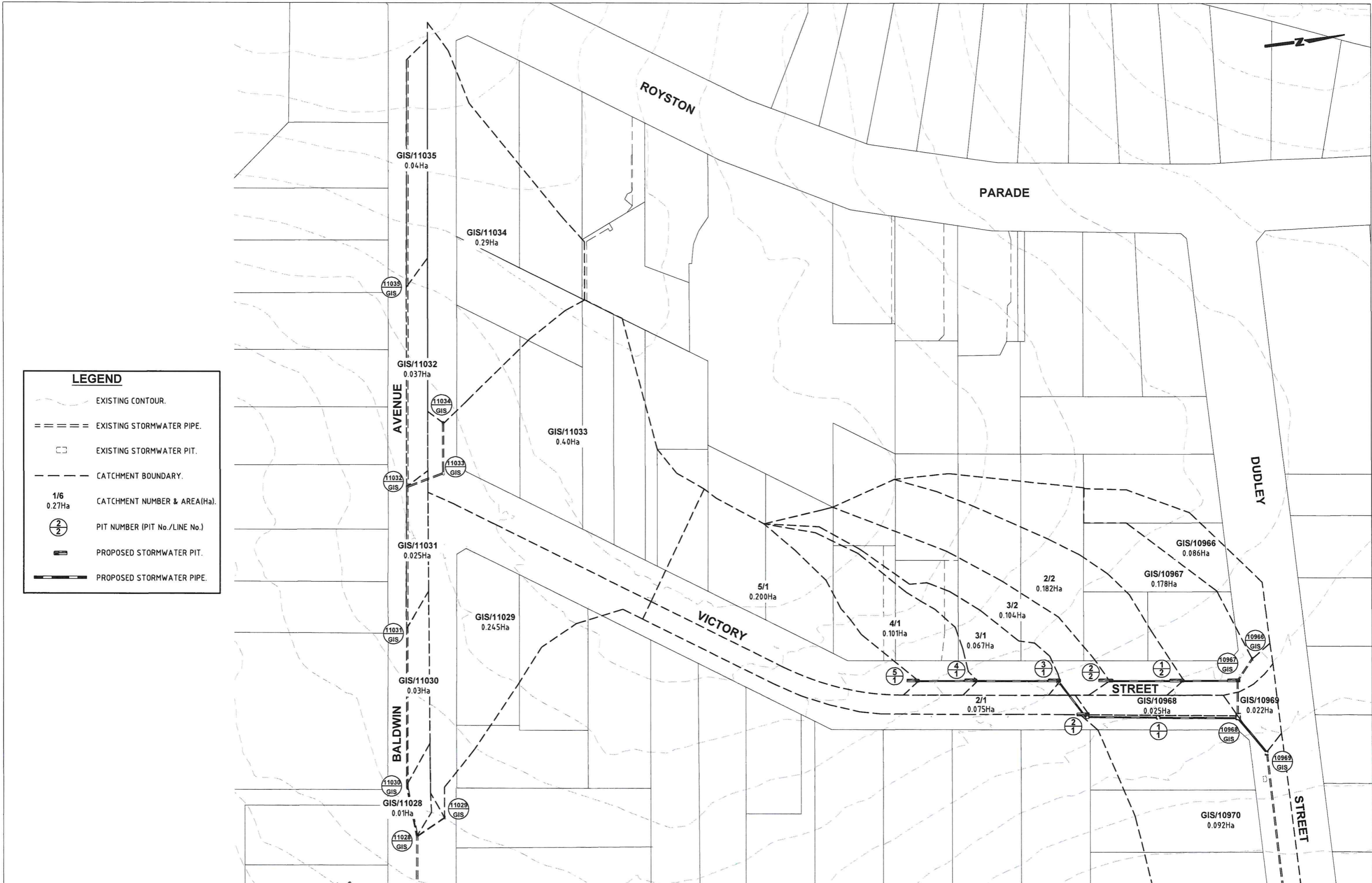
Design Checked: M. Drake
Drawing Checked: M. Drake
Signed: M. Drake
NA NA AHD
Field Book Level Book Datum
1 ISSUED FOR CONSTRUCTION M. DRAKE 1/10 2/18
Issue Description Name Initial Date
Design not to be amended without authorisation by Manager Design & Construction

Bar Scales
0 1 2 3m
SCALE 1:50
@ A1
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY



VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
DRIVEWAY PROFILES - SHEET 3 OF 3

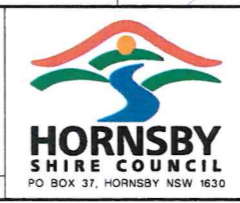
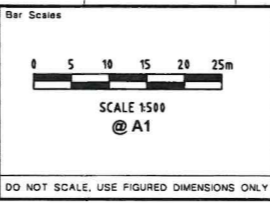
Project Number: 101142
Sheet of: 13 17 Issue: 1
HSC Drawing Number: 1158.1



LEGEND	
	EXISTING CONTOUR.
	EXISTING STORMWATER PIPE.
	EXISTING STORMWATER PIT.
	CATCHMENT BOUNDARY.
	CATCHMENT NUMBER & AREA(Ha).
	PIT NUMBER (PIT No./LINE No.)
	PROPOSED STORMWATER PIT.
	PROPOSED STORMWATER PIPE.

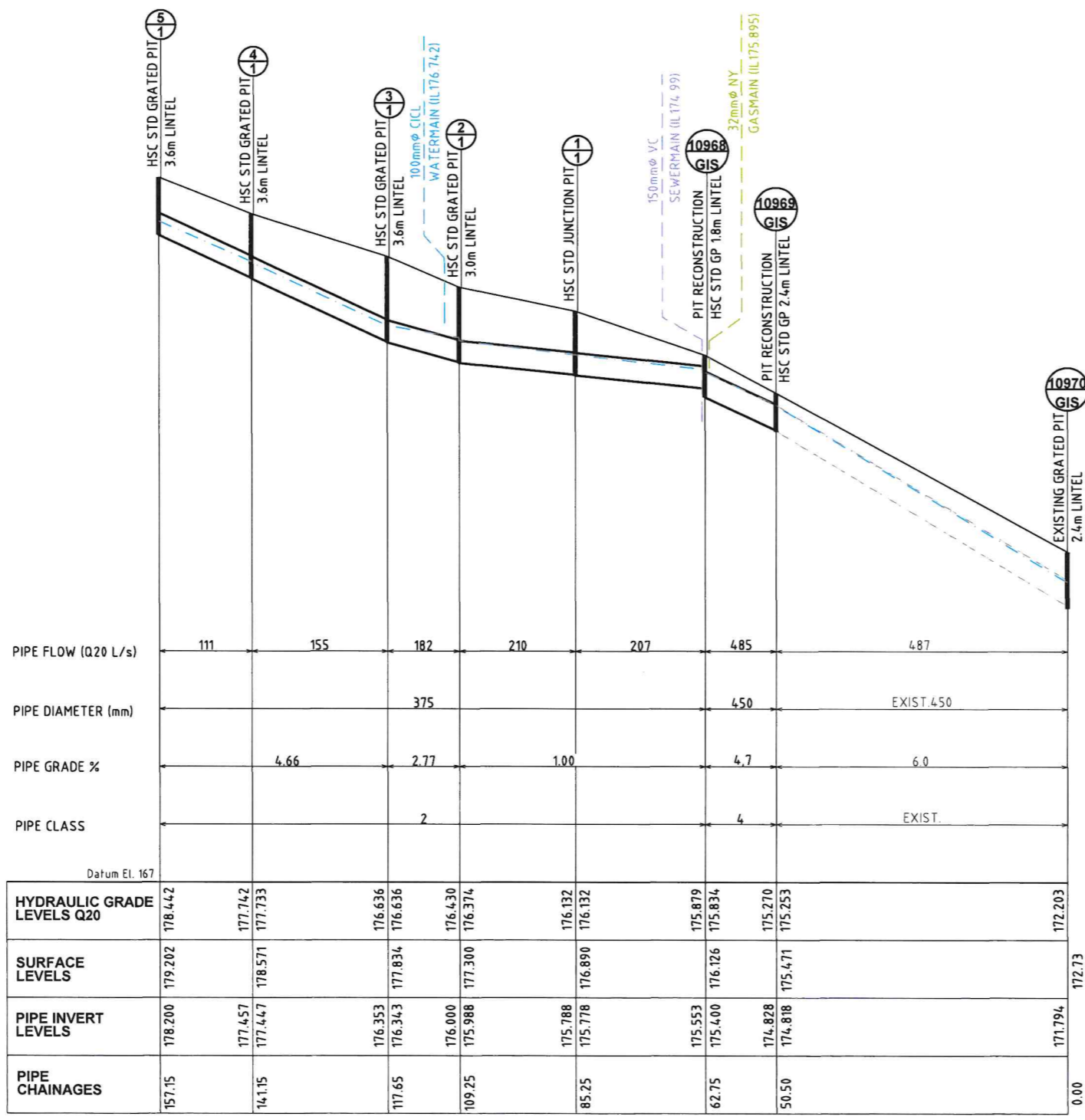
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Designer K.ROM	Design Checked M. White	Design Team Leader Signed: M. White
Drawn K.ROM	Drawing Checked	
Surveyor J.HART	NA	NA
	Field Book	Level Book
	AHD	Datum
Project Identifier \ CAD File Name H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg		
Issue	Description	Name Initial Date
1	ISSUED FOR CONSTRUCTION	M. DRAKE M.D 27/8
Design not to be amended without authorisation by Manager Design & Construction		

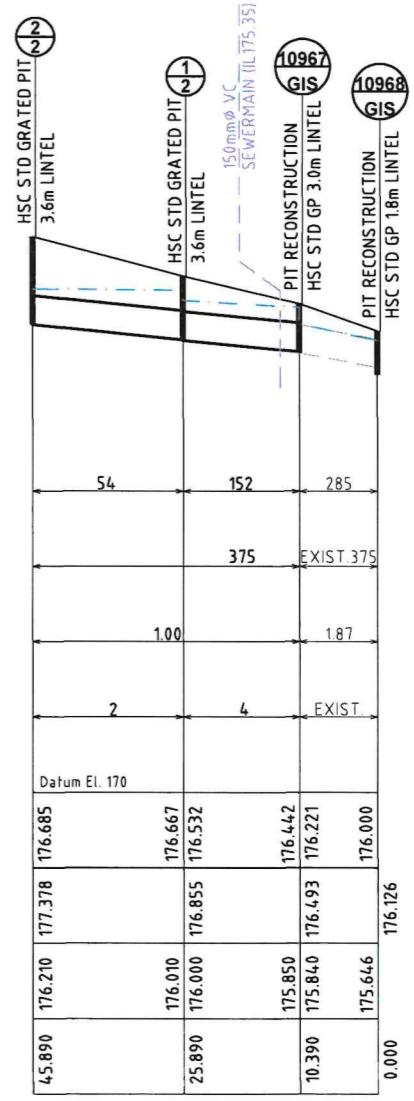


VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
 CATCHMENT PLAN

Project Number 101142
Sheet of 14 17
Issue 1
HSC Drawing Number 1158.1



LINE 1

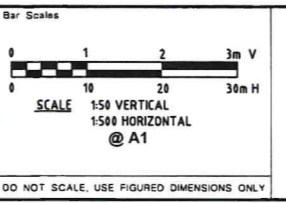


LINE 2

Hornsby Shire Council
Design & Construction
Branch
 Telephone (02) 9847 8888
 Facsimile (02) 9847 8899
 Authorised for release - Manager Design & Construction
 Name **R. RAJCA** Signed *[Signature]* Date **3/3/24**

Designer **K.ROM**
 Drawn **K.ROM**
 Surveyor **J.HART**
 Project Identifier \\ CAD File Name
 H:\\Victory St_LR_101142\\Design\\ACAD\\Victory St.dwg
 TRIM Document Number
D08926935

Design Check Design Team Leader
 Signed *[Signature]*
 Drawing Check
 Signed
 NA NA AHD
 Field Book Level Book Datum
 1 ISSUED FOR CONSTRUCTION M. DRAKE *[Signature]* 27/2
 Issue Description Name Initial Date
 1 Design not to be issued without authorisation by Manager Design & Construction



VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH
DRAINAGE LONG SECTIONS

Project Number
101142
 Sheet of
15 17
 Issue
1
 HSC Drawing Number
1158.1

5% AEP (ANNUAL EXCEEDANCE PROBABILITY) HYDROLOGIC & HYDRAULIC DATA & RESULTS

CATCHMENT AND RUNOFF				INLET FLOWS								PIPE							PIT							
Pit Name	Sub-Catchment Area (ha)	Land Use		Total Entry Time, t _c (minutes)	Peak Sub-Catchment Flowrate (m ³ /s)	Overflows Approaching Pit		Flow Width (m)	Depth x Velocity (m ² /s)	Peak Approach Flow (m ³ /s)	Bypass Flow(s) (m ³ /s)	Peak Flow in Pipe (m ³ /s)	Pipe Length (m)	Pipe Slope (%)	Pipe Diameter (mm)	U/S Pipe Invert Level (m)	D/S Pipe Invert Level (m)	U/S HGL in Pipe (m)	D/S HGL in Pipe (m)	Pipe Flow Velocity (m/s)	Pressure Change Coeff. Ku	Water Surface Elevation (m)	Ground Surface Level (m)	Pit Free-board (m)	Pit Name	Pit Type & Size
		Type (IL-CL)	(%)			Origin of Approach Flows	Peak Flowrate(s) (m ³ /s)																			
Pit 11035	0.04	EIA	75	5	0.028	Pit 11036	0.021	0.7	0.07	0.033	0.002	0.094	58.187	2.64	375	180.585	179.049	180.791	179.456	1.51	0.5	180.79	181.705	0.91	Pit 11035	Existing GP 2.4m KI
		RIA	15	5																						
		PA	10	5																						
Pit 11032	0.037	EIA	75	5	0.026	Pit 11035	1.3	1.5	0.06	0.033	0	0.386	41.521	0.91	450	178.439	178.06	179.299	178.509	2.43	0.5	179.46	180.009	0.55	Pit 11032	Existing GP 3.6m KI
		RIA	15	5																						
		PA	10	5																						
Pit 11031	0.025	EIA	75	5	0.018	Pit 11032	0.017	1.2	0.05	0.018	0	0.406	45.463	2.47	450	178.05	176.929	178.463	177.269	3.15	0.5	178.51	179.29	0.78	Pit 11031	Existing GP 3.6m KI
		RIA	15	5																						
		PA	10	5																						
Pit 11030	0.03	EIA	75	5	0.021	Pit 11031	0.02	0.8	0.06	0.021	0.02	0.395	15.205	1.91	450	176.509	176.218	176.97	176.635	2.57	0.5	177.15	178.089	0.94	Pit 11030	Existing GP 2.4m KI
		RIA	15	5																						
		PA	10	5																						
Pit 11034	0.293	EIA	60	5	0.211					0.211	0.085	0.133	14.576	3.68	375	179.727	179.191	180.384	180.333	1.2	4	180.56	180.477	0	Pit 11034	Existing GP 3.6m KI
		RIA	10	5																						
		PA	30	5																						
Pit 11033	0.395	EIA	60	5	0.285	Pit 11034	0.222	1.8	0.17	0.482	0.197	0.27	11.668	1.65	375	178.991	178.799	179.689	179.456	2.44	2.5	180.33	180.331	0	Pit 11033	Existing GP 2.4m KI
		RIA	10	5																						
		PA	30	5																						
Pit 10966	0.086	EIA	60	5	0.045	N75055	0.043	1.9	0.08	0.045	0	0.046	7.551	1.97	375	176.119	175.97	176.448	176.442	0.45	4	176.49	176.669	0.18	Pit 10966	Existing GP 3.0m KI
		RIA	10	5																						
		PA	30	5																						
Pit 10967	0.178	EIA	60	5	0.094	Pit 10966	0.005	0.4	0.02	0.094	0	0.285	10.385	1.87	375	175.84	175.646	176.221	176	2.64	0.5	176.44	176.493	0.05	Pit 10967	Proposed Pit Reconstruction GP 3.0 KI
		RIA	10	5																						
		PA	30	5																						
Pit 10968	0.014	EIA	75	5	0.007	Pit 10967	0	1.6	0	0.007	0	0.485	12.25	4.67	450	175.4	174.828	175.834	175.27	3.08	0.5	175.87	176.126	0.26	Pit 10968	Proposed Pit Reconstruction GP 1.8 KI
		RIA	15	5																						
		PA	10	5																						
Pit 10969	0.02	EIA	75	5	0.01	Pit 10968	0.01	0.6	0.04	0.01	0	0.487	50.5	5.99	450	174.818	171.794	175.253	172.203	3.21	0.5	175.27	175.471	0.2	Pit 10969	Existing GP 2.4m KI
		RIA	15	5																						
		PA	10	5																						
Pit 5/1	0.2	EIA	60	5	0.106	N1	0.095	2.6	0.12	0.106	0	0.111	16	4.64	375	178.2	177.457	178.442	177.742	1.44	4	178.49	179.202	0.72	Pit 5/1	Proposed Pit GP 3.6 KI
		RIA	10	5																						
		PA	30	5																						
Pit 4/1	0.1	EIA	60	5	0.053	Pit 5/1	0.009	2.2	0.04	0.053	0	0.155	23.5	4.66	375	177.447	176.353	177.733	176.636	1.68	1.8	177.74	178.571	0.83	Pit 4/1	Proposed Pit GP 3.6 KI
		RIA	10	5																						
		PA	30	5																						
Pit 3/1	0.067	EIA	60	5	0.035	Pit 4/1	0.051	1.8	0.08	0.035	0	0.182	12.4	2.77	375	176.343	176	176.636	176.43	1.91	0.5	176.64	177.834	1.2	Pit 3/1	Proposed Pit GP 3.0 KI
		RIA	10	5																						
		PA	30	5																						
Pit 2/1	0.075	EIA	75	5	0.039	N3	0.025	1.4	0.07	0.039	0	0.21	20	1	375	175.988	175.788	176.374	176.132	1.91	0.5	176.43	177.3	0.87	Pit 2/1	Proposed Pit GP 3.0 KI
		RIA	15	5																						
		PA	10	5																						
Pit 1/1		EIA	-	-								0.207	22.5	1	375	175.778	175.553	176.132	175.879	1.97	0.2	176.13	176.89	0.76	Pit 1/1	Proposed Junction Pit
		RIA	-	-																						
		PA	-	-																						
Pit 2/2	0.104	EIA	60	5	0.055	Pit 3/1	0.034	2.0	0.07	0.055	0	0.054	20	1	375	176.21	176.01	176.685	176.667	0.46	4	176.74	177.378	0.64	Pit 2/2	Proposed Pit GP 3.6 KI
		RIA	10	5																						
		PA	30	5																						
Pit 1/2	0.182	EIA	60	5	0.096	Pit 2/2	0.09	2.5	0.11	0.096	0	0.152	15.5	0.97	375	176	175.85	176.532	176.442	1.3	1.5	176.67	176.855	0.19	Pit 1/2	Proposed Pit GP 3.6 KI
		RIA	10	5																						
		PA	30	5																						

Hornsby Shire Council
Design & Construction Branch

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Authorised for release - Manager Design & Construction
Name: R. RAJCA

Designer: K.ROM
Drawn: K.ROM
Surveyor: J.HART
Project Identifier: \\CAD File Name
H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg
TRIM Document Number: D08926935
Date: 3/9/24

Design Checked: [Signature]
Signed: [Signature]
Signed: [Signature]
NA NA AHD
Field Book Level Book Datum
1 ISSUED FOR CONSTRUCTION
Description: M. DRAKE
Name: [Signature]
Initial: [Signature]
Date: 10/9/24
Design not to be amended without authorisation by Manager Design & Construction

Bar Scales
NOT TO SCALE
DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

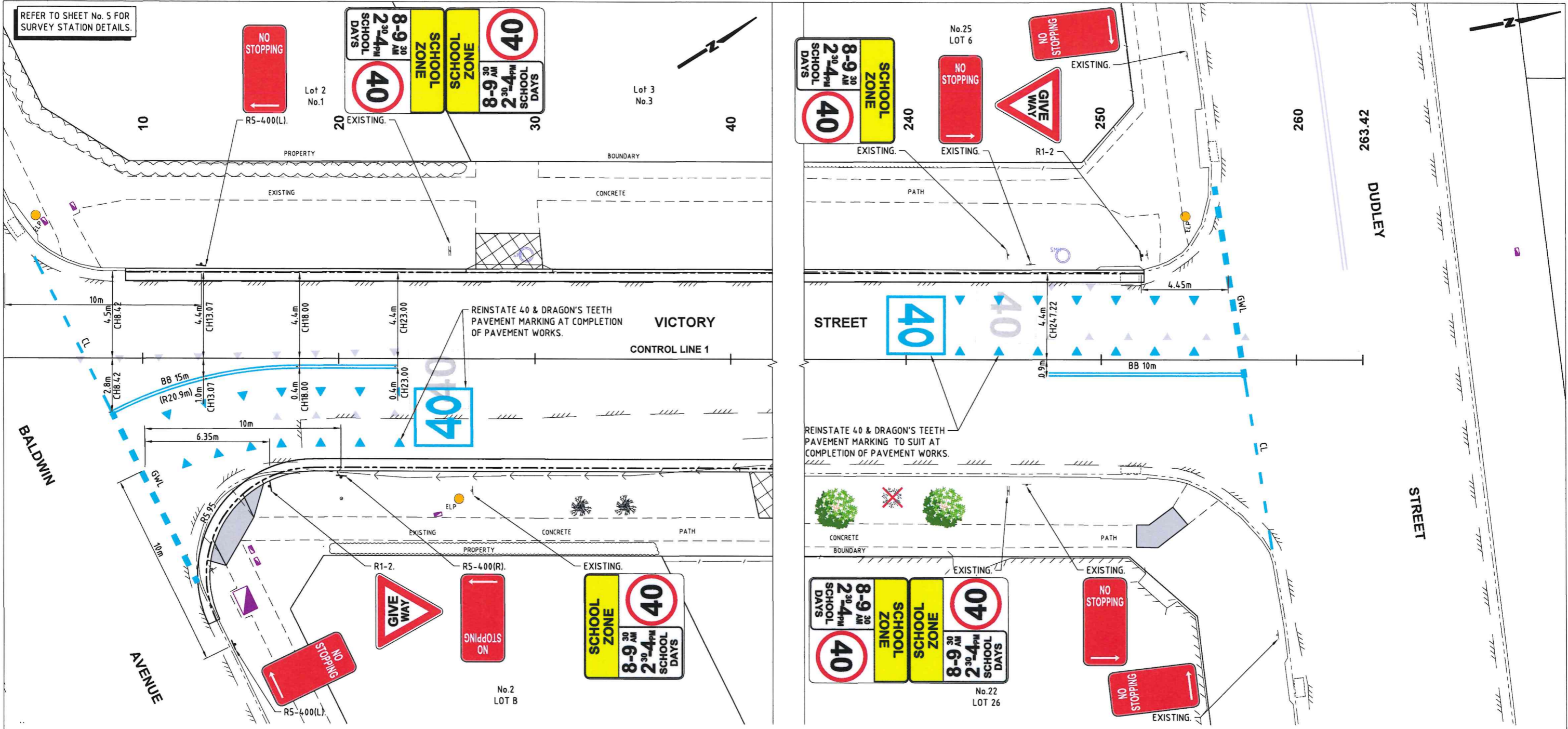


VICTORY STREET, ASQUITH
PROPOSED ROAD RECONSTRUCTION
FULL LENGTH

HYDRAULIC & RUNOFF CALCULATIONS

Project Number: 101142
Sheet of: 16 17
Issue: 1
HSC Drawing Number: 1158.1

REFER TO SHEET No. 5 FOR SURVEY STATION DETAILS.




SIGNS & LINE MARKING PLAN
SCALE 1:100

- LEGEND**
- PROPOSED LINE MARKING.
 - EXISTING LINE MARKING.
 - ↑ ↓ EXISTING / NEW SIGN.

SIGNS & LINE MARKING NOTES

1. SIGNS & LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH AS1742.9 -MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
2. TEMPORARY 'CHANGED TRAFFIC CONDITIONS AHEAD' (T1-23) SIGNS TO BE INSTALLED ON ALL APPROACHES 100m FROM LIMIT OF WORKS (TYPICAL) AT THE COMMENCEMENT OF WORKS & UNTIL 6 MONTHS AFTER COMPLETION.
3. ALL NEW LINE MARKING TO WHITE THERMOPLASTIC PAINT UNLESS NOTED OTHERWISE.
4. REMOVE REDUNDANT LINE MARKING.
5. LINE MARKING SHALL BE SPOTTED OUT & APPROVED PRIOR TO APPLICATION.
7. THIS DESIGN HAS BEEN APPROVED BY THE LOCAL TRAFFIC COMMITTEE DATE 09/09/2024 - REFERENCE LTC27/2024. TRIM FOLDER F2024/00202, DOCUMENT# D08956984.

THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR

<p>Hornsby Shire Council Design & Construction Branch</p> <p>TELEPHONE (02) 9847 8886 FACSIMILE (02) 9847 6999</p> <p>Authorised for release - Manager Design & Construction Name: R. RAJCA</p>	<p>Designer: K.ROM Drawn: K.ROM Surveyor: J.HART</p> <p>Project Identifier: \\CAD File Name H:\Victory St_LR_101142\Design\ACAD\Victory St.dwg</p> <p>TRIM Document Number: 008926935</p>	<p>Design Checked: M. Drake Signed: <i>M. Drake</i></p> <p>Field Book: NA Level Book: NA AHD Datum: AHD</p>	<p>Issue: 1 Description: ISSUED FOR CONSTRUCTION</p> <p>Name: M. Drake Initial: MD Date: 5/19/24</p>	<p>Bar Scales</p> <p>0 1 2 3 4 5m</p> <p>SCALE 1:100 @ A1</p>	 <p>HORNSBY SHIRE COUNCIL PO BOX 37, HORNSBY NSW 1630</p>	<p>VICTORY STREET, ASQUITH PROPOSED ROAD RECONSTRUCTION FULL LENGTH</p> <p>SIGNS & LINE MARKING PLAN</p>	<p>Project Number: 101142</p> <p>Sheet of 17 17 Issue 1</p> <p>HSC Drawing Number: 1158.1</p>
	<p>Design not to be amended without authorisation by Manager Design & Construction</p>				<p>DO NOT SCALE. USE FIGURED DIMENSIONS ONLY</p>		