

ROAD & DRAINAGE CONSTRUCTION PLANS

[illegible]

PRIOR TO THE COMMENCEMENT OF WORKS

4 THE CONTRACTOR MUST NOTIFY THE RELEVANT

- [illegible]

SITE MANAGEMENT DURING CONSTRUCTION

19. THE CONTRACTOR SHALL, AT THE UNLESS CASE TO PRESENT EXISTING TREES, NO TREES SHALL BE REMOVED WITHOUT THE PRIOR APPROVAL OF THE SUPERINTENDENT.

20. THE CONTRACTOR IS REQUIRED TO OBTAIN CONSTRUCTION VEHICLES TO THE MUST BE MADE GOOD.

21. THE SUPERINTENDENT SHALL, AT THE REQUESTION OF THE SUPERINTENDENT AND CONTRACT SUPERVISOR, ORDER PROTECT AND MAINTAIN ALL NECESSARY WARNING SIGNS, LIGHTING AND BARRICADES TO COMPLY WITH THE REQUIREMENTS OF THE ROADWAY MAINTENANCE ACT.

22. APPROVAL OF ACCESS POINT, TRUCK ROUTE AND DISPOSAL LOCATION ARE TO BE DERIVED BY THE MUNICIPAL ENGINEERING DEPARTMENT.

23. AT THE COMPLETION OF ROAD, ALL RUBBER TRENDS AND SPALLS SHALL TO BE REMOVED AND ALL LOTTS AND VARIOUS AREAS TO BE LEFT IN A TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT & FREIGHT AUTHORITY.

PROTECTION OF VEGETATION

24. NO WORKERS ARE TO BE UNDERTAKEN WITHIN THE DRIP ZONE (CANOPY) OF AN EXISTING TREE UNLESS APPROVED BY THE RESOURCE AUTHORITY.

25. MACHINERY IS NOT TO BE DRIVEN OVER OR PAISED WITHIN THE DRIP ZONE OF ANY TREE.

EARTHWORKS

26. ALL EARTHWORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH 3799 (2007) GUIDELINES FOR EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.

27. ALL FILLING WITHIN AREAS OF PROPOSED DRAINAGE IS TO ACHIEVE A MINIMUM COMPACTION OF 98% STANDARD.

28. ALL FILLING WITHIN OTHER AREAS IS TO ACHIEVE A MINIMUM COMPACTION OF 95% STANDARD.

29. ALL EXCAVATIONS OF DEPTH 1.5M OR GREATER MUST COMPLY WITH THE COMMENCE EXCAVATION MUST BE SUBMITTED TO YOUR LOCAL WORKS OFFICE.

30. ALL EXCAVATIONS OF DEPTH 1.5M OR GREATER MUST COMPLY WITH THE COMMENCE EXCAVATION MUST BE SUBMITTED TO YOUR LOCAL WORKS OFFICE.

31. THE CONTRACTOR IS TO OBTAIN PERMISSION FOR EXCAVATING ALL EXISTING MATERIAL, INCLUDING DISPOSAL, TO BE SUBMITTED FOR ALL EXISTING MATERIAL REMOVED TO BE SUBMITTED TO THE SUPERINTENDENT FOR APPROVAL. THE CONTRACTOR SHALL PROVIDE EVIDENCE INCLUDING CERTIFICATES TO THE SUPERINTENDENT ENGINEER.

32. ALL TRACKS ARE TO ACHIEVE THE SPECIFIED COMPACTION RATE, WHICH EXCEPTED, THE SUPERINTENDENT RESERVES THE RIGHT TO OBTAIN EVIDENCE OF THE COMPACTION RATES BY MEANS OF A LABORATORY TEST.

33. THE SUPERINTENDENT IS TO BE ADVISED OF ANY FILLING THAT ACHIEVE DEPTH OF 300MM OR GREATER.

34. ALL FILLING WITHIN AREAS OF PROPOSED DRAINAGE IS TO ACHIEVE A MINIMUM COMPACTION OF 98% STANDARD.

35. ALL FILLING WITHIN OTHER AREAS IS TO ACHIEVE A MINIMUM COMPACTION OF 95% STANDARD.

ROAD WORKS AND FOOTPATHS

36. ALL KERB & CHANNELS ARE TO BE 150MM DEEP UNLESS STATED OTHERWISE.

37. ALL ASPHALT ROAD SURFS ARE TO BE 150MM DEEP UNLESS STATED OTHERWISE.

38. ALL KERB SHOULD BE TO BACK OF KERB UNLESS STATED OTHERWISE.

DRAWING LIST

ROAD & DRAINAGE CONSTRUCTION PLANS

- | | |
|---------|-----------------------------------|
| S146R01 | LOCALITY PLAN & GENERAL NOTES |
| S146R02 | EXISTING CONDITIONS & SURVEY STAT |
| S146R03 | DETAILED PLAN |
| S146R04 | CUT/FILL, DRAINAGE & LOT LINES |
| S146R05 | SIGNAGE & LIGHTING PLAN |
| S146R06 | PAVEMENT PLAN & DETAILS |
| S146R07 | SHARED DRIVEWAY DETAILS |
| S146R08 | INTERSECTION DETAILS |
| S146R09 | TYPICAL DETAILS |
| S146R10 | CONSTRAINED ROAD LONG SECTION |
| S146R11 | CONSTRAINED ROAD CROSS SECTION |
| S146R12 | CONSTRAINED ROAD CROSS SECTION |
| S146R13 | CONSTRAINED ROAD CROSS SECTION |
| S146R14 | CONSTRAINED ROAD CROSS SECTION |
| S146R15 | CONSTRAINED ROAD CROSS SECTION |
| S146R16 | CONSTRAINED ROAD CROSS SECTION |
| S146R17 | CONSTRAINED ROAD CROSS SECTION |
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| S146R98 | CONSTRAINED ROAD CROSS SECTION |
| S146R99 | CONSTRAINED ROAD CROSS SECTION |
| S146R00 | CONSTRAINED ROAD CROSS SECTION |

ELECTRICAL AND ELECTRONIC SERVICE	110000	110000	110000
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INDUIT DETAILS	BUSHKUNGER CIRCUIT
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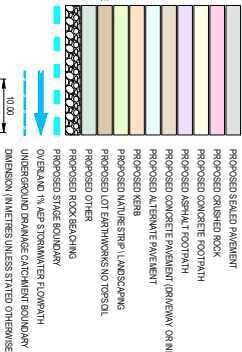
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516R1R2	PROPOSED PRIVATE SEWER	PROPOSED PRIVATE SEWER	SEWER	2	
516R1R3	EXISTING SEWER MAIN/LE	EXISTING SEWER MAIN/LE	SEWER	3	
516R1R4	PROPOSED PRIVATE SEWER	PROPOSED PRIVATE SEWER	SEWER	4	
516R1R5	PROPOSED WATER MAIN	PROPOSED WATER MAIN	WATER	5	
516R1R6	PROPOSED PRIVATE WATER MAIN	PROPOSED PRIVATE WATER MAIN	WATER	6	
516R1R7	PROPOSED SEWER/ED WATER MAIN	PROPOSED SEWER/ED WATER MAIN	WATER	7	
516R1R8	EXISTING WATER MAIN FIRE ALARM	EXISTING WATER MAIN FIRE ALARM	WATER	8	
516R1R9	PROPOSED PRIVATE WATER MAIN	PROPOSED PRIVATE WATER MAIN	WATER	9	
516R1R10	PROPOSED PRIVATE ELECTRICITY MAIN	PROPOSED PRIVATE ELECTRICITY MAIN	ELECTRICITY	10	
516R1R11	EXISTING ELECTRICITY MAIN	EXISTING ELECTRICITY MAIN	ELECTRICITY	11	
516R1R12	EXISTING ELECTRICITY MAIN	EXISTING ELECTRICITY MAIN	ELECTRICITY	12	
516R1R13	PROPOSED PRIVATE GAS MAIN	PROPOSED PRIVATE GAS MAIN	GAS	13	
516R1R14	EXISTING GAS MAIN	EXISTING GAS MAIN	GAS	14	
516R1R15	PROPOSED PRIVATE GAS	PROPOSED PRIVATE GAS	GAS	15	
516R1R16	PROPOSED PRIVATE ELECTED MAIN	PROPOSED PRIVATE ELECTED MAIN	ELECTED	16	
516R1R17	EXISTING PRIVATE ELECTED MAIN	EXISTING PRIVATE ELECTED MAIN	ELECTED	17	
516R1R18	EXISTING TELECOM	EXISTING TELECOM	TELECOM	18	
516R1R19	PROPOSED PRIVATE TELECOM	PROPOSED PRIVATE TELECOM	TELECOM	19	
516R1R20	PROPOSED PRIVATE TELECOM	PROPOSED PRIVATE TELECOM	TELECOM	20	
516R1R21	PROPOSED PRIVATE TELECOM	PROPOSED PRIVATE TELECOM	TELECOM	21	
516R1R22	PROPOSED PRIVATE TELECOM	PROPOSED PRIVATE TELECOM	TELECOM	22	

TABLE OF OFFSETS FOR SERVICES

STREET	GAS		WATER (DM)		ELEC.		TELCO	
	OFFSET	SIZE	OFFSET	SIZE	U/C CABLE	OFFSET	SIZE	
LINDHOLM STREET	28	S	7.3	N	3.5	S	-	-
LEWIS STREET	47	E	10.0-8	E	1.3	E	26	W
CONSTANCE STREET	21	S	3.0	S	2.5	S	24	N
TRONTERS ROAD	21	S	3.0	S	2.5	S	24	N
BISHAMPOUR CROCIAT	21	W/N	3.0	W/N	2.5	W/N	24	E/S
OUTLAND AVE	21	W	3.0	W	2.5	W	20	E

WARNING

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND
SERVICES ARE APPROXIMATE ONLY AND
THEIR EXACT POSITION SHOULD BE PROVEN
ON SITE. NO GUARANTEE IS GIVEN THAT
ALL EXISTING SERVICES ARE SHOWN

**KELLY ON LITHGOW**

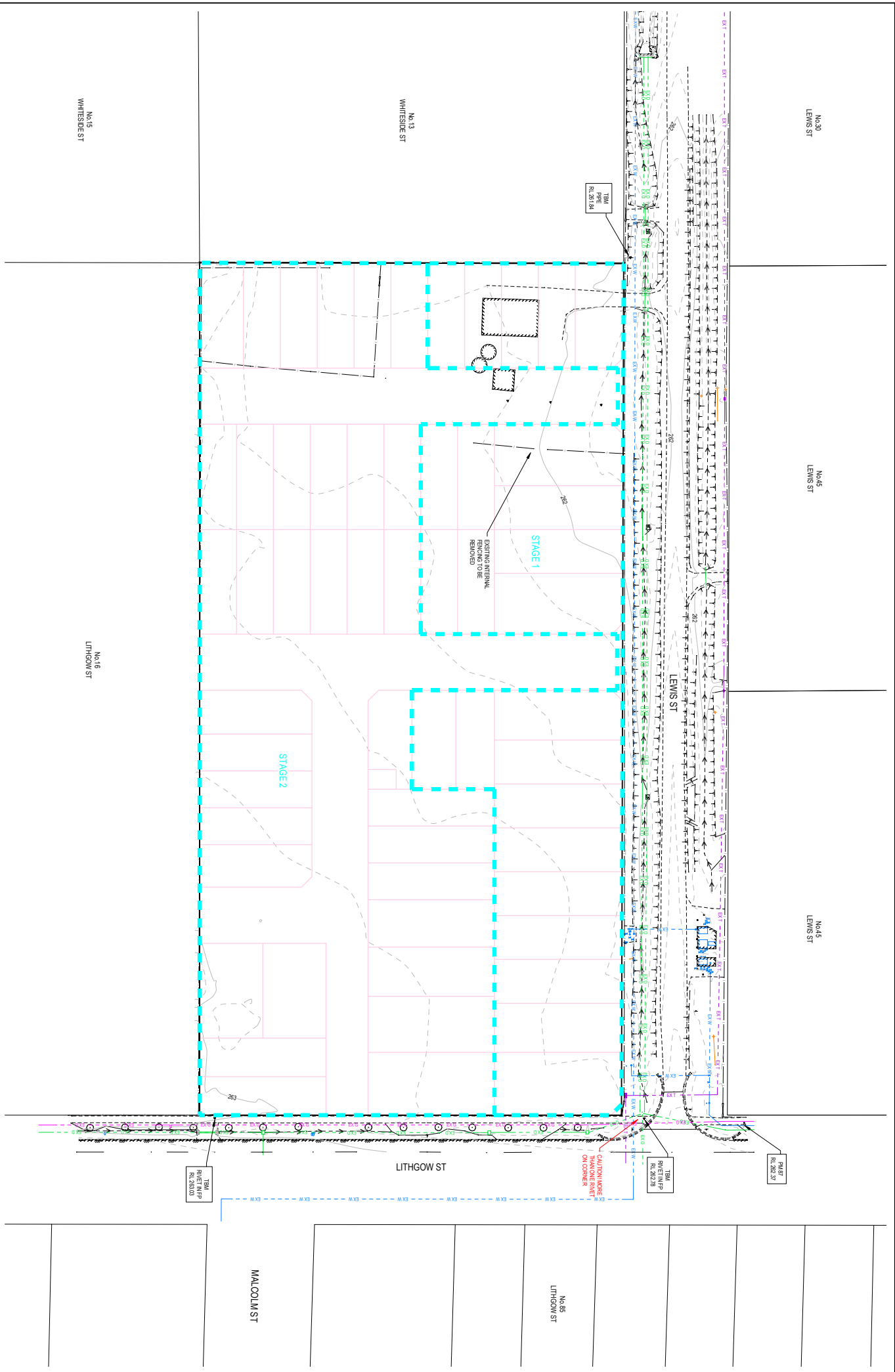
14 LITHGOW ST, BEVERIDGE LOCALITY PLAN & GENERAL NOTES

LITHGOW DEVELOPMENTS PTY LTD

FOR

FOR CONSTRUCTION S1461R01 / 22

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D. INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT, UPDATE REFERS TO BE PROJECT
C. REVISE STAMP FOR CONSTRUCTION, UPDATE EASEMENT, UPDATE EASEMENT
B. AMEND SIGNAGE PLANS AND TEMPORARY TURNING CIRCLES, UPDATE DRAINAGE BACKFILL
A. AS SUBMITTED TO COUNCIL

REV. REVISION

DES. DWG. CHK. DATE



Tomkinson Group
1299-101 WESTERN AVENUE, WESTMEADOWS, PH 03 9746 9988
ABN 11 103 338 338 WWW.TOMKINSON.COM

KELLY Lithgow

SCALE 1:1000
10 0 10 20 30 40 50
LENGTH IN METERS (FEET IN PARENTHESIS)
100% COMPLIANT
ISO 9001
REGISTERED
PMI YOU DIG
100% COMPLIANT
100% COMPLIANT

KELLY ON LITHGOW
14 LITHGOW ST, BEVERIDGE
EXISTING CONDITIONS & SURVEY STATIONS/TBMS
MITCHELL SHIRE COUNCIL | P/2020/19
LITHGOW DEVELOPMENTS PTY LTD
DWS STATUS: PROJECT & DWG NO. S1461R02 / 22
D

Levels Table			
No.	Min. Level	Max. Level	Colour
1	-0.60	-0.30	
2	-0.30	0.00	
3	0.00	0.30	
4	0.30	0.60	

NOTES: CUT & FILL DEPTH LEVELS ARE A COMPARISON BETWEEN EXISTING SURFACE & DESIGN SURFACE. NS LEVELS ARE ORIGINAL AS SURVIVED EXISTING SURFACE LEVELS & F.S. LEVELS ARE FINAL FINISHED SURFACE AFTER TOPSOILING. NO ALLOWANCE HAS BEEN MADE FOR STRIPPING OF TOPSOIL OR BOXING.



REV	REVISION
D	INCLUDE DRAINAGE CONNECTIONS FOR ADDITIONAL DEVELOPMENT. UPDATE K&E8 TO B2 PROFILE
C	REVISE STAMP FOR CONSTRUCTION. UPDATE BOLLARD NOTE
B	AMEND SIGNAGE PLAN & ADD TEMPORARY TURNING CIRCLES. UPDATE DRAINAGE BACKFILL
A	AS SUBMITTED TO COUNCIL

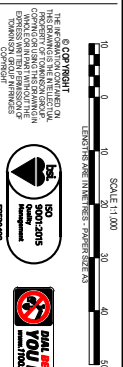
DES	DWG	CHK	DATE
BM	BM	NB	27/05/2
	BM	NB	31/03/2
BM	BM	NB	26/03/2
BM	BM	NB	11/11/1



Tomkinson
Group

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ARN 11 103 335 356 WWW.TOMKINSON.COM

KELLY
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KELLY ON LITHGOW
14 LITHGOW ST, BEVERIDGE
CUT / FILL DEPTH RANGE & LOT LEVELS
 MITCHELL SHIRE COUNCIL / P/2026/19
 LITHGOW DEVELOPMENTS PTY LTD

DWG STATUS: PROJECT & DWG NO: S1461R04

FOR CONSTRUCTION

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 PLOT DATE: 15/07/2020 FILE: C:\J2\DATA\TOMBGO-12DS01S1461 - LITHGOW DEVELOPMENTS PTY LTD. BEVERAGE. 97ENGINEERING\CAO\CURRENT DESIGN\1461 R&D CTN PLANS REV.D.WG



- LEGEND**
- PROPOSED LINEMARKING
 - PROPOSED SIGNAGE (BY OTHERS)
 - PROPOSED STAKE
 - PROPOSED SIGN
 - NOTE
- 90TRENDS TO HAVE CENTRELINE MARKING WITH ARROWS AT
 - ALL SPACING CORRESPOND WITH TYPICAL TRAFFIC
 - ENGINEERING MANUAL, MANUAL VOL 2, (TABLE 3)
 - ALL LINEMARKING & SIGNAGE TO BE IN ACCORDANCE WITH
 - AS SUBMITTED TO COUNCIL
 - BEFORE UNDERGROUND SERVICES



REVISION

REV	DESCRIPTION	DATE
D	INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT, UPDATE REFERS TO B2 PROFILE	BM, BM, NB 27/02/20
C	REVISE STAKE FOR CONSTRUCTION, UPDATE BOLLARD NOTE	BM, BM, NB 31/03/20
B	AMEND SIGNAGE PLANS AND TEMPORARY TURNING CIRCLES, UPDATE DRAINAGE BACKFILL	BM, BM, NB 26/03/20
A	AS SUBMITTED TO COUNCIL	BM, BM, NB 11/11/19

DESIGN CHECK DATE

Tomkinson Group

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ABN 11 103 338 358 WWW.TOMKINSON.COM

KELLY Lithgow

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ISO 9001
REGISTERED

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100% COMPLIANT

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14 LITHGOW ST, BEVERIDGE
MIDCHEL SHIRE COUNCIL, PH 08 919
LITHGOW DEVELOPMENTS PTY LTD

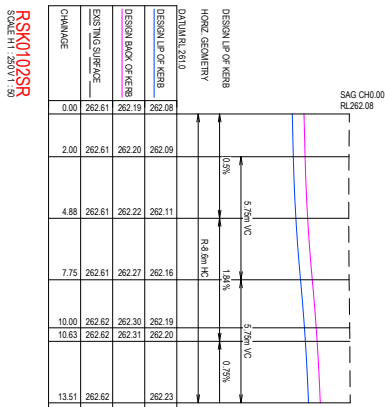
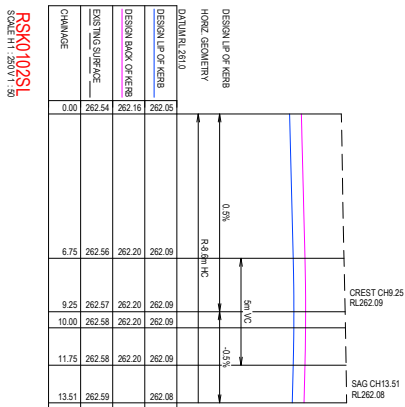
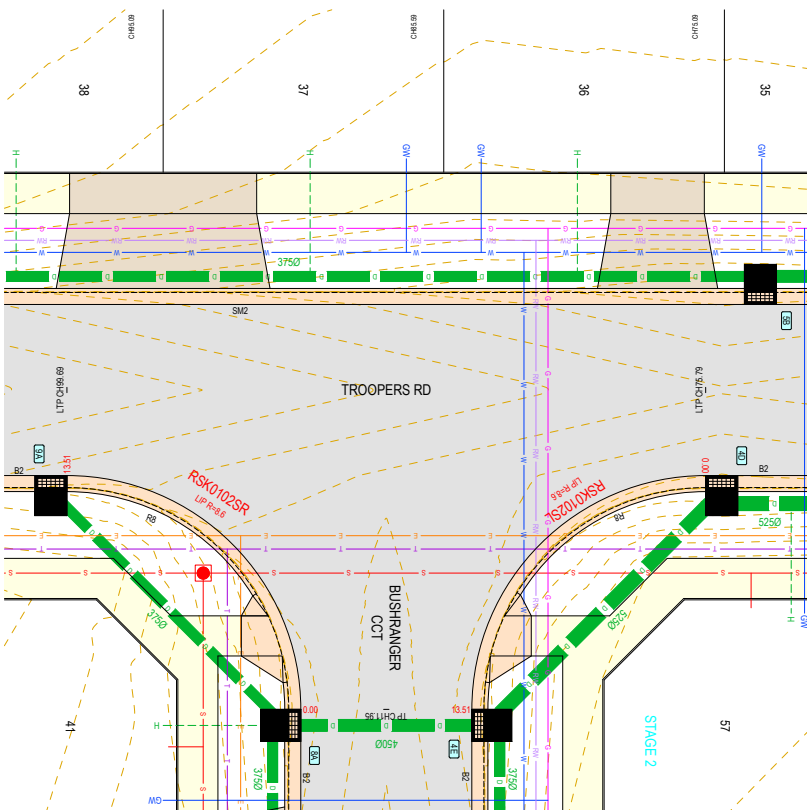
PROJECT & DWG NO: S1461R05 / 22

GENERAL CONSTRUCTION PLAN NOTES

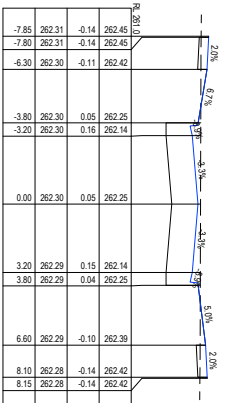
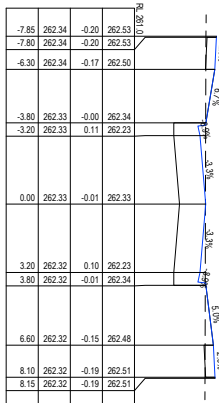
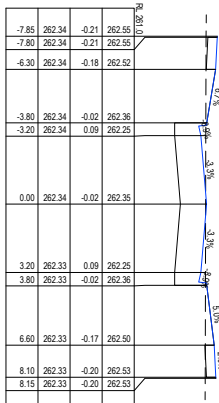
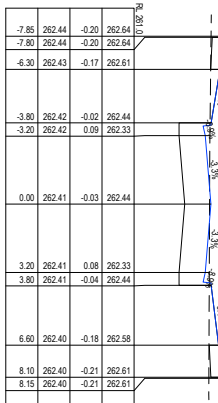
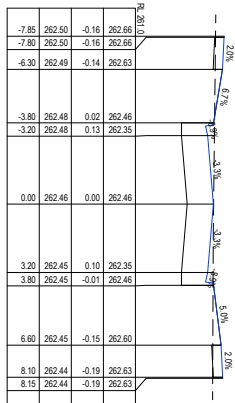
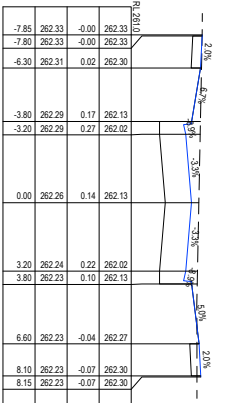
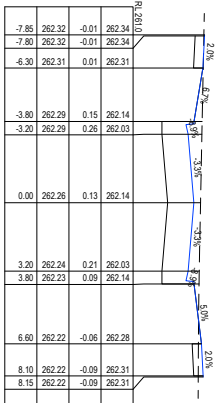
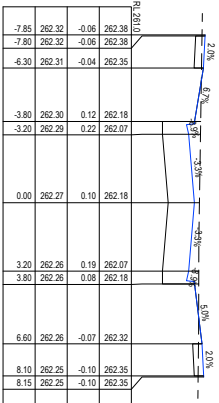
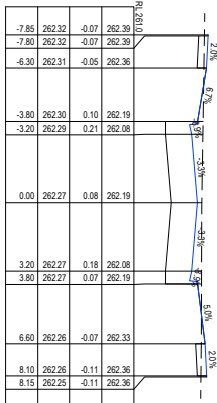
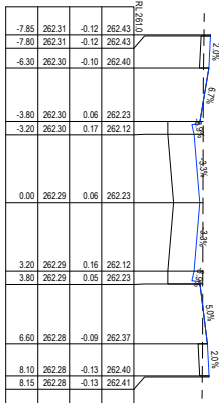
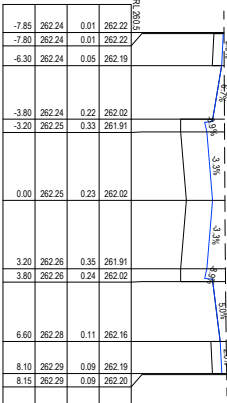
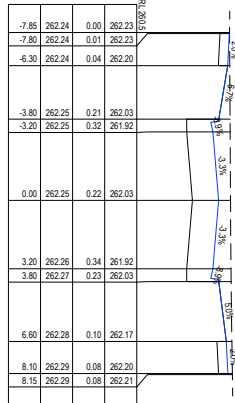
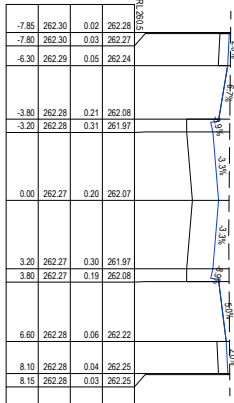
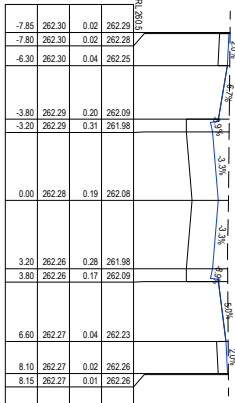
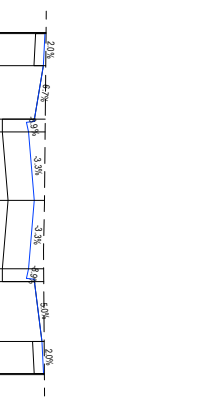
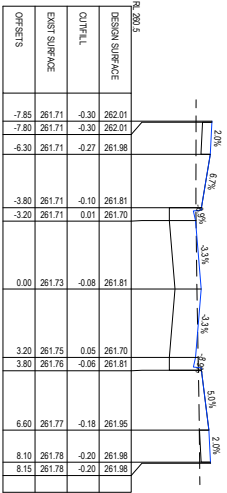
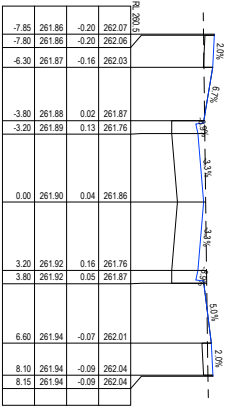
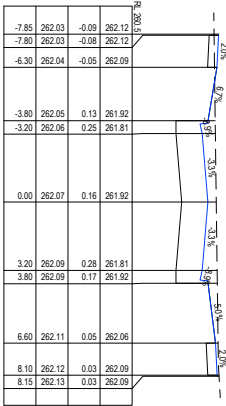
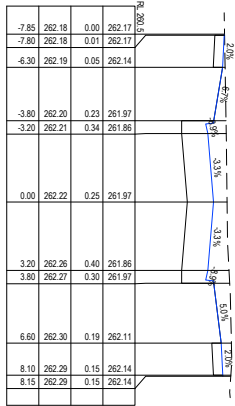
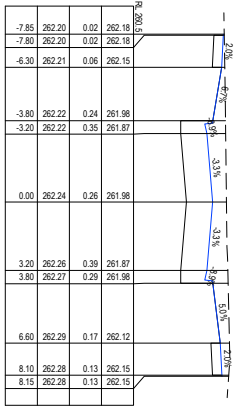
- APPLIES IN ALL CASES UNLESS STATED OTHERWISE
- REEB TYPES:
 - LOCAL STREETS = R2 AS PER ECDM 302
 - ALL OTHER R&D ARE TO BE R2 UNLESS NOTED TO THE CONTRARY
 - ALL SINGLE & DOUBLE DRIVEWAYS AS PER ECDM 301 & 302
 - ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 100mm OS BL AS PER ECDM 401
 - PROPERTY DRAINAGE TRENCHES AS PER ECDM 301, 302, 303 & 304
 - ALL DRAINAGE TRENCHES TO BE 1.5m OS UNLESS NOTED OTHERWISE
 - CONNECTIONS AT TRENCH OF CUTS TO BE 2.5m OS WITH SLOVEN OR 1.5m OS IN NO SWIRL OR
 - ALL EXISTING DRAINAGE PIPES & PITS ARE 1.0m OS REAR & SIDE BOUNDARIES
 - CONTOUR INTERVAL 0.2m @ 1:1000 & 0.05m @ 1:200 (AS WHERE SHOWN)

WARNING

BEWARE OF UNDERGROUND SERVICES
THE LOCATION OF UNDERGROUND SERVICES
SHOWN ON THIS PLAN IS AN INDICATION ONLY
AND THEIR EXACT POSITION SHOULD BE PROVEN
BY THE USER OF THIS PLAN. ALL EXISTING SERVICES ARE SHOWN.



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PLOT DATE: 15/07/2020 FILE: C:\12\DATA\TOMKBGO-12DS01S1461 - LITHGOW DEVELOPMENTS PTY LTD, BEVERIDGE 97\ENGINEERING\CAD\CURRENT DESIGNS\1461 R&D CTN PLANS REV.DWG



CONSTABLE ST

CH 9.83

CH 52.3

CH 64.8

CH 73.3

CH 85.8

CH 96.3

CH 104.8

CH 106.8

CH 115.3

CH 117.3

CH 96.3

CH 104.8

CH 106.8

CH 115.3

CH 117.3

CH 119.3

CH 121.3

CH 123.3

CH 125.3

CH 127.3

CH 129.3

CH 131.3

CH 133.3

CH 135.3

CH 137.3

CH 139.3

CH 141.3

CH 143.3

CH 145.3

CH 147.3

CH 149.3

CH 151.3

CH 153.3

CH 155.3

CH 157.3

CH 159.3

CH 161.3

CH 163.3

CH 165.3

CH 167.3

CH 169.3

CH 171.3

CH 173.3

CH 175.3

CH 177.3

CH 179.3

CH 181.3

CH 183.3

CH 185.3

CH 187.3

CH 189.3

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CH 193.3

CH 195.3

CH 197.3

CH 199.3

CH 201.3

CH 203.3

CH 205.3

CH 207.3

CH 209.3

CH 211.3

CH 213.3

CH 215.3

CH 217.3

CH 219.3

CH 221.3

CH 223.3

CH 225.3

CH 227.3

CH 229.3

CH 231.3

CH 233.3

CH 235.3

CH 237.3

CH 239.3

CH 241.3

CH 243.3

CH 245.3

CH 247.3

CH 249.3

CH 251.3

CH 253.3

CH 255.3

CH 257.3

CH 259.3

CH 261.3

CH 263.3

CH 265.3

CH 267.3

CH 269.3

CH 271.3

CH 273.3

CH 275.3

CH 277.3

CH 279.3

CH 281.3

CH 283.3

CH 285.3

CH 287.3

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CH 291.3

CH 293.3

CH 295.3

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CH 299.3

CH 301.3

CH 303.3

CH 305.3

CH 307.3

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CH 311.3

CH 313.3

CH 315.3

CH 317.3

CH 319.3

CH 321.3

CH 323.3

CH 325.3

CH 327.3

CH 329.3

CH 331.3

CH 333.3

CH 335.3

CH 337.3

CH 339.3

CH 341.3

CH 343.3

CH 345.3

CH 347.3

CH 349.3

CH 351.3

CH 353.3

CH 355.3

CH 357.3

CH 359.3

CH 361.3

CH 363.3

CH 365.3

CH 367.3

CH 369.3

CH 371.3

CH 373.3

CH 375.3

CH 377.3

CH 379.3

CH 381.3

CH 383.3

CH 385.3

CH 387.3

CH 389.3

CH 391.3

CH 393.3

CH 395.3

CH 397.3

CH 399.3

CH 401.3

CH 403.3

CH 405.3

CH 407.3

CH 409.3

CH 411.3

CH 413.3

CH 415.3

CH 417.3

CH 419.3

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CH 431.3

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CH 439.3

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CH 443.3

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CH 447.3

CH 449.3

CH 451.3

CH 453.3

CH 455.3

CH 457.3

CH 459.3

CH 461.3

CH 463.3

CH 465.3

CH 467.3

CH 469.3

CH 471.3

CH 473.3

CH 475.3

CH 477.3

CH 479.3

CH 481.3

CH 483.3

CH 485.3

CH 487.3

CH 489.3

CH 491.3

CH 493.3

CH 495.3

CH 497.3

CH 499.3

CH 501.3

CH 503.3

CH 505.3

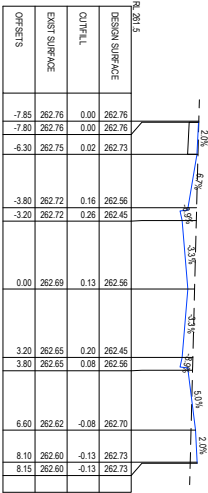
CH 507.3

CH 509.3

CH 511.3

CH 513.3

CH 515.3



CH 127.41

CONSTABLE ST

D	INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT. UPDATE REFERS TO B2 PROFILE	BM	BM	NB	27/03/20
C	REVISE STAMP FOR CONSTRUCTION. UPDATE BUILDING NOTE			NB	31/03/20
B	AMEND SQUARE PLANS AND TEMPORARY TURNING CIRCLES. UPDATE DRAINAGE BACKFILL	BM	BM	NB	20/03/20
A	AS SUBMITTED TO COUNCIL	BM	BM	NB	11/11/19
REV		DES	DWG	CHK	DATE

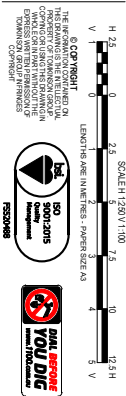


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Lithgow



0 2.5 5 7.5 10 12.5 M
0 2.5 5 7.5 10 12.5 V
SCALE 1:250 V=100
LENGTHS ARE IN METERS - DIMENSIONS ARE IN METERS
ISO 9001:2015
PMA YOU DIG
PMA 100% GUARANTEE

KELLY ON LITHGOW
14 LITHGOW ST, BEVERIDGE
CONSTABLE ST CROSS SECTIONS (SHEET 2 OF 2)
MITCHELL SHIRE COUNCIL | P4026/19
LITHGOW DEVELOPMENTS PTY LTD
DWG STATUS:
FOR CONSTRUCTION S1461R12 / 22

PROJECT & DWG NO.
D

[illegible]

LEWIS ST

CREST CH43.59
RL262.28

SAG CH75.19
RL262.15

BUSHRANGER CCT

TROOPERS RD



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KELLY
Lithgow

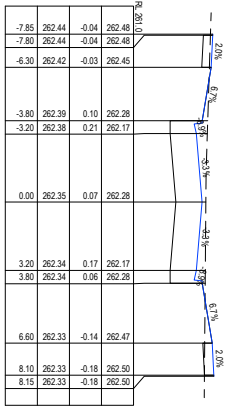
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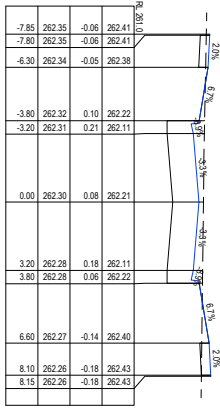
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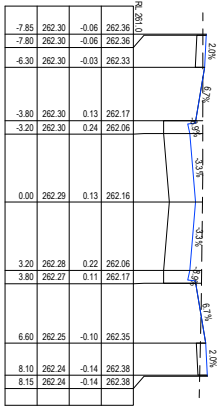
14 LITHGOW ST, BEVERIDGE
TROOPERS RD LONG SECTION
MITCHELL SHIRE COUNCIL L.P16026/19
LITHGOW DEVELOPMENTS PTY LTD
DWS STATUS:
PROJECT & D



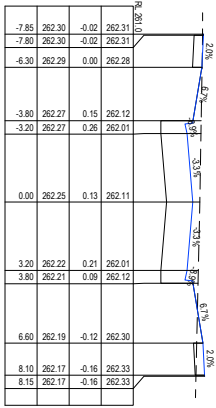
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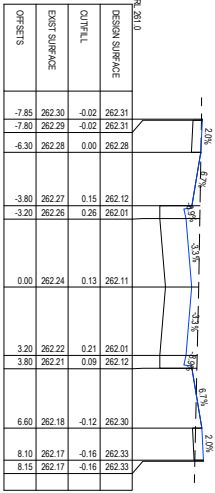
CH 30



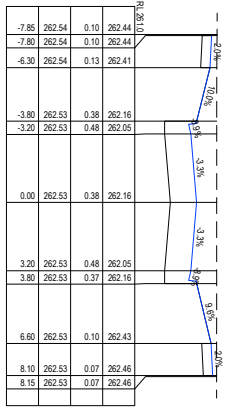
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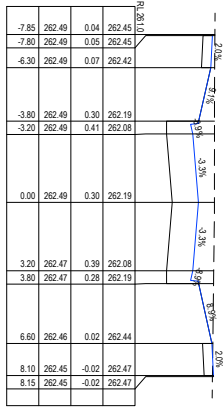
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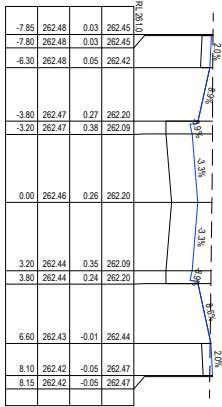
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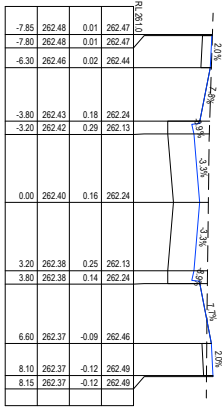
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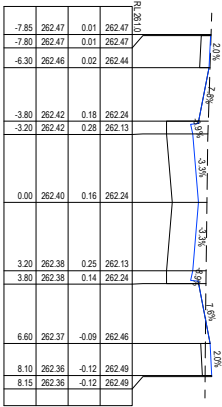
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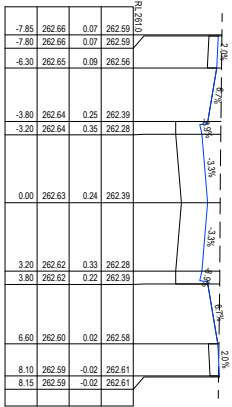
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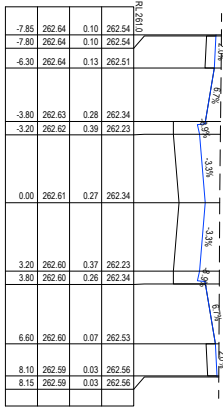
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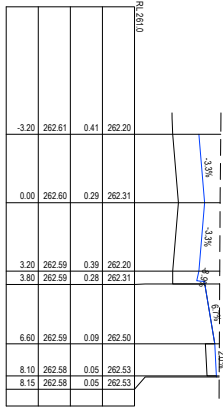
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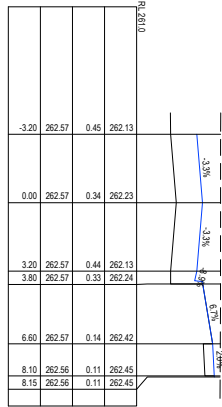
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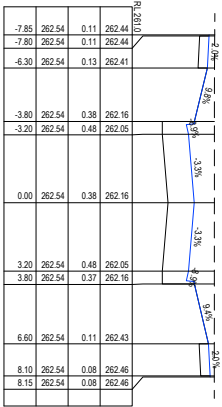
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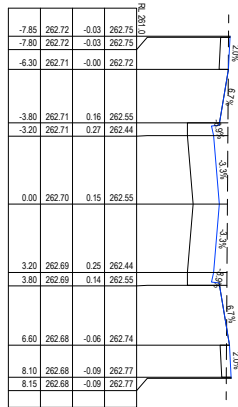
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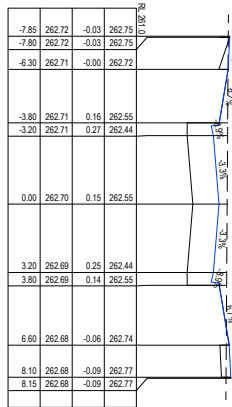
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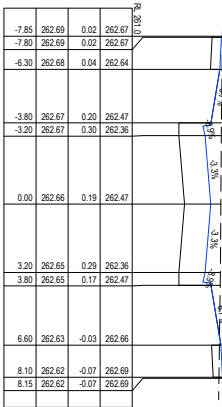
CH 75.79



CH 127.5



CH 127.45



CH 117.09

TROOPERS RD

KELLY ON LITHGOW

D. INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT. UPDATE REFNO TO BE PROFILE

C. REVISIONS FOR CONSTRUCTION. UPDATE BALANCE DATE

B. AMEND SQUARE PLANS AND TEMPORARY TURNING CIRCLES. UPDATE DRAINAGE BACKSIGHT

A. AS SUBMITTED TO COUNCIL

REV. REVISION DATE

DES. DWG. CHK. DATE

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PROJECT DWG. NO. S1461R14 / 22

FOR CONSTRUCTION

D

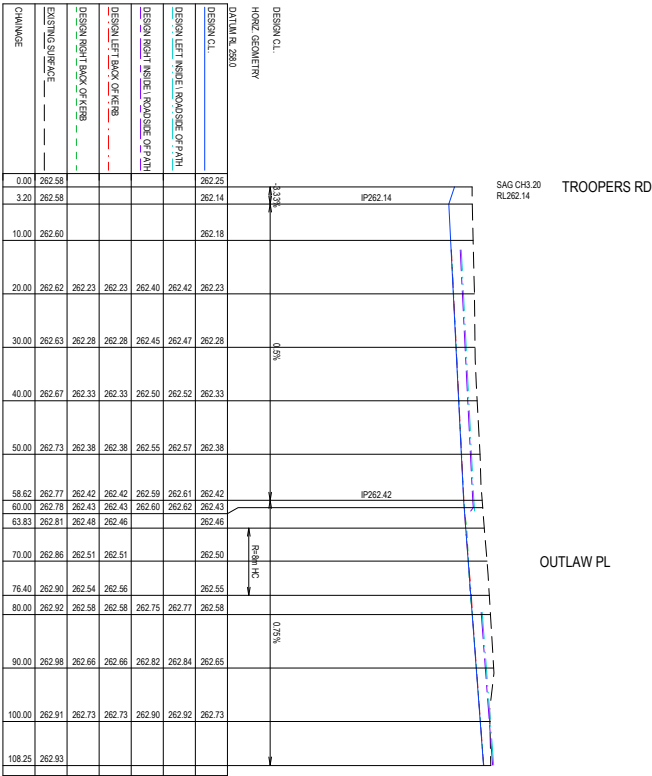
REVISION

DATE

DATE

DATE

DATE



BUSHRANGER CCT

D	INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT. UPDATE REFERS TO B2 PROFILE
C	REVISE STAMP FOR CONSTRUCTION. UPDATE BALAND NOTE
B	AMEND SIGNAGE PLANS AND TEMPORARY TURNING CIRCLES. UPDATE DRAINAGE BACKFILL
A	AS SUBMITTED TO COUNCIL
REV	REVISION

DES	DWG	CHK	DATE
BM	BM	NB	27/02/20
BM	BM	NB	31/03/20
BM	BM	NB	26/03/20
BM	BM	NB	11/11/19

Tomkinson Group

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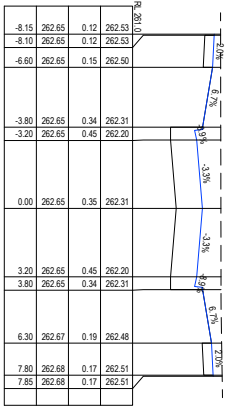
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LENGTHS ARE IN METRES - DIMENSIONS ARE IN METRES

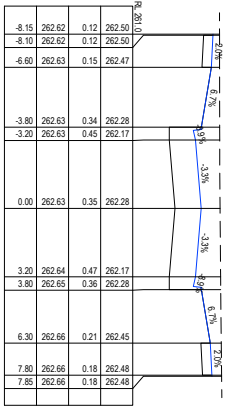
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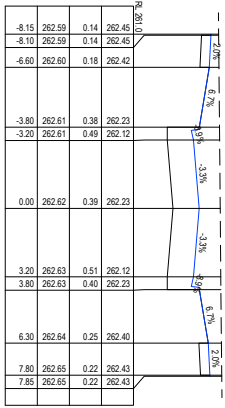
KELLY ON LITHGOW
14 LITHGOW ST, BEVERIDGE
BUSHRANGER CCT LONG SECTION
MITCHELL SHIRE COUNCIL | P4026/19
LITHGOW DEVELOPMENTS PTY LTD
DWG STATUS:
FOR CONSTRUCTION S1461R15 / 22



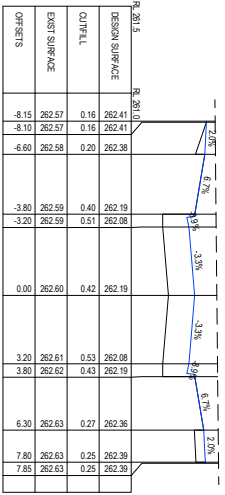
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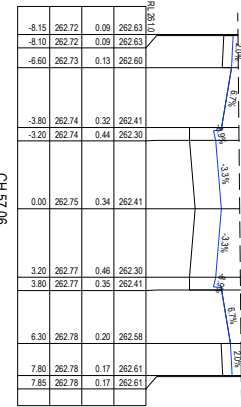
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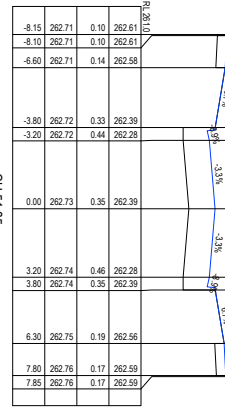
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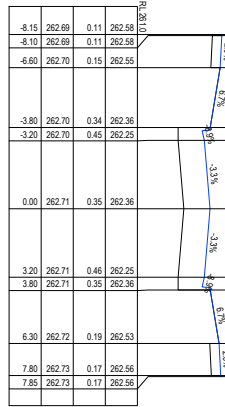
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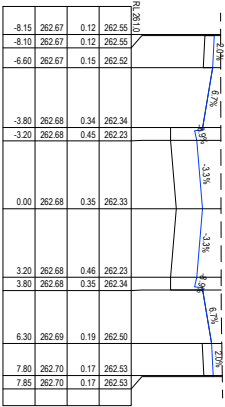
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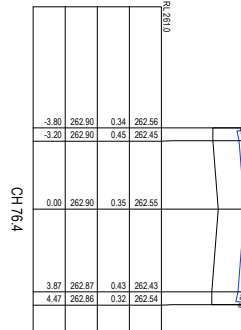
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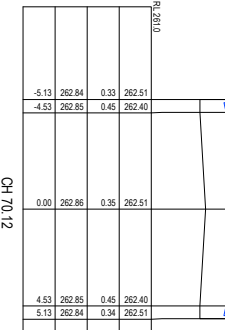
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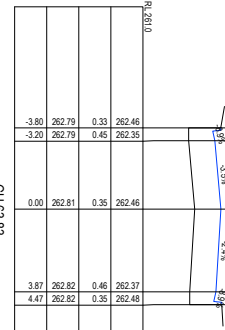
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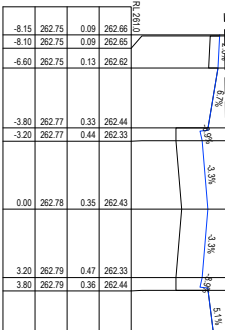
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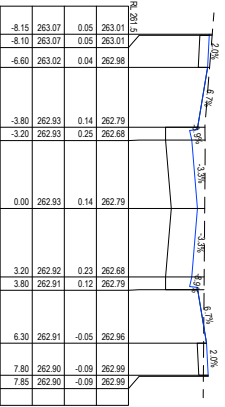
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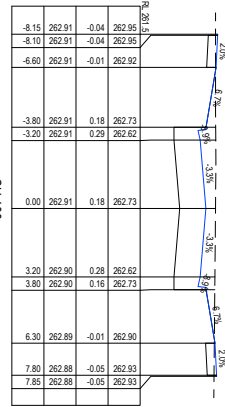
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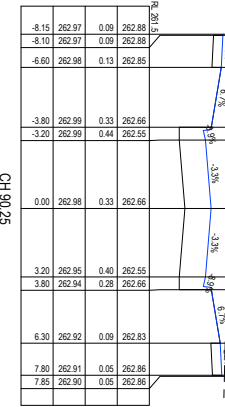
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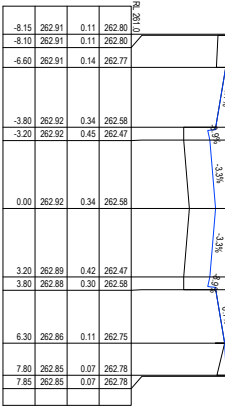
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CH 100

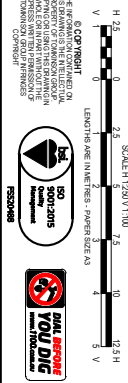


CH 90.25



CH 75

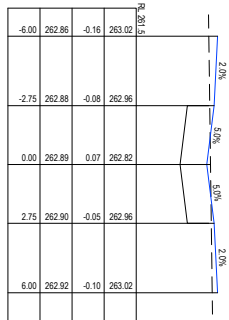
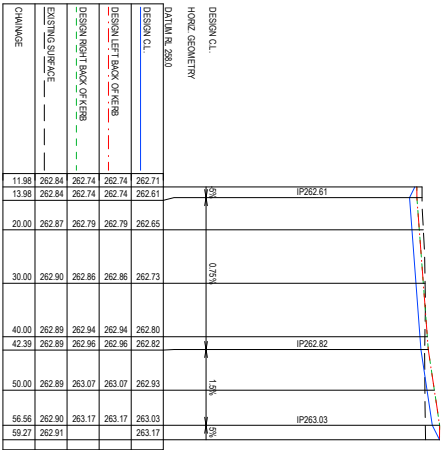
D. INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT. UPGRADE REFER TO B2 PROFILE.
 C. REUSE STAMP FOR CONSTRUCTION UPGRADE BOUNDARY.
 B. ARIED SQUARE PLAIN AND TEMPORARY TURNING CIRCLES. UPGRADE DRAINAGE BACKFILL.
 A. AS SHOWN TO COUNCIL.
 REV. REVISION DES. DATE



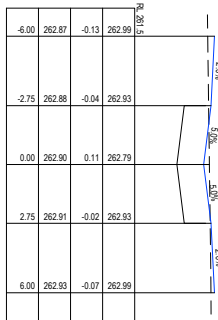
KELLY ON LITHGOW
 14 LITHGOW ST, BEVERIDGE
 MITCHELL SHIRE COUNCIL | P14026/19
 LITHGOW DEVELOPMENTS PTY LTD
 FOR CONSTRUCTION S1461R16 / 22
 PROJECT DWG NO.

BUSHRANGER PL
(FOOTPATH OS)

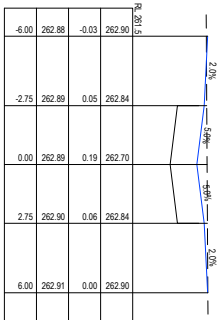
SAG CH13.98
RL262.61



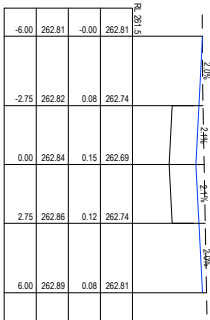
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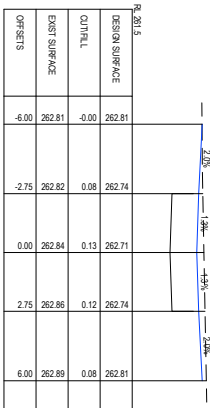
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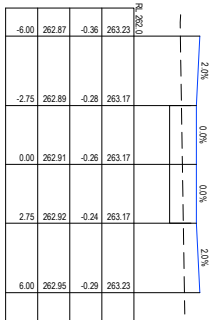
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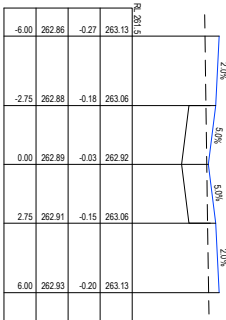
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CH 11.98



CH 59.27



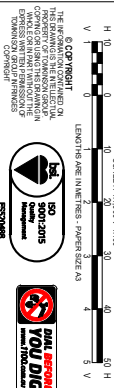
CH 49.31

- D. INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT. UPDATE REFERS TO B2 PROFILE
C. REVISION STAMP FOR CONSTRUCTION. UPDATE BOLLARD NOTE
B. AMEND SIGNAGE PLANS AND TEMPORARY TURNING CIRCLES. UPDATE DRAINAGE BACKFILL
A. AS SUBMITTED TO COUNCIL

DES. DWG CHK. DATE



1299-101 WESTERN AVENUE, WESTMEADOWS, PH 03 9746 9988
ABN 11 103 338 358 WWW.TOMKINSON.COM



KELLY ON LITHGOW
14 LITHGOW ST, BEVERIDGE
MITCHELL SHIRE COUNCIL | P14026/19
LITHGOW DEVELOPMENTS PTY LTD
DWG STATUS: PROJECT DWG NO. S1461R17 / 22

PT SCHEDULE												
PTNO	PTTYPE	DIMENSIONS			MET		OUTLET		PT	DEPTH	REMARKS	
		EASTING	NORTHING	WIDTH	LENGTH	DA	IN/LEV	DA				IN/LEV
1.1	IP	320151.27	585615.26	600	900	450	260.04			261.92	1.48	Easting on Medium Scale
1.2	IP	320151.27	585615.26	600	900	375	260.18	400	260.12	261.83	1.55	At PIR to S01
1.3	IP	320027.28	585615.28	600	900	375	260.18			260.12	1.55	At PIR to S01
1.4	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.55	At PIR to S01
1.5	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
1.6	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
1.7	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
1.8	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
1.9	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.0	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.1	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.2	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.3	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.4	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.5	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.6	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.7	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.8	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
2.9	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.0	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.1	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.2	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.3	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.4	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.5	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.6	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.7	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.8	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
3.9	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
4.0	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
4.1	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
4.2	IP	320028.34	585615.30	600	900	375	260.18			260.12	1.54	At PIR to S01
4.3	IP	320028.34	585615.30	600								

REV	REVISION	DES	DWG	CHK	DATE
1	AS SUBMITTED TO CONSULT	BM	BM	BM	11/11/19
A	AMEND STAKE PLANS AND TIEWORK TURNING CIRCLES. UPDATE DRAINAGE BACKFILL	BM	BM	BM	20/02/20
C	REVISE STAKE POINTS FOR CONSTRUCTION. UPDATE EQL BALANCE	BM	BM	BM	31/03/20
D	INCLUDE DRAINAGE CONNECTIONS FOR ADDITIONAL DEVELOPMENT. UPDATE RFI 18 TO R2 PROFILE	BM	BM	BM	27/06/20

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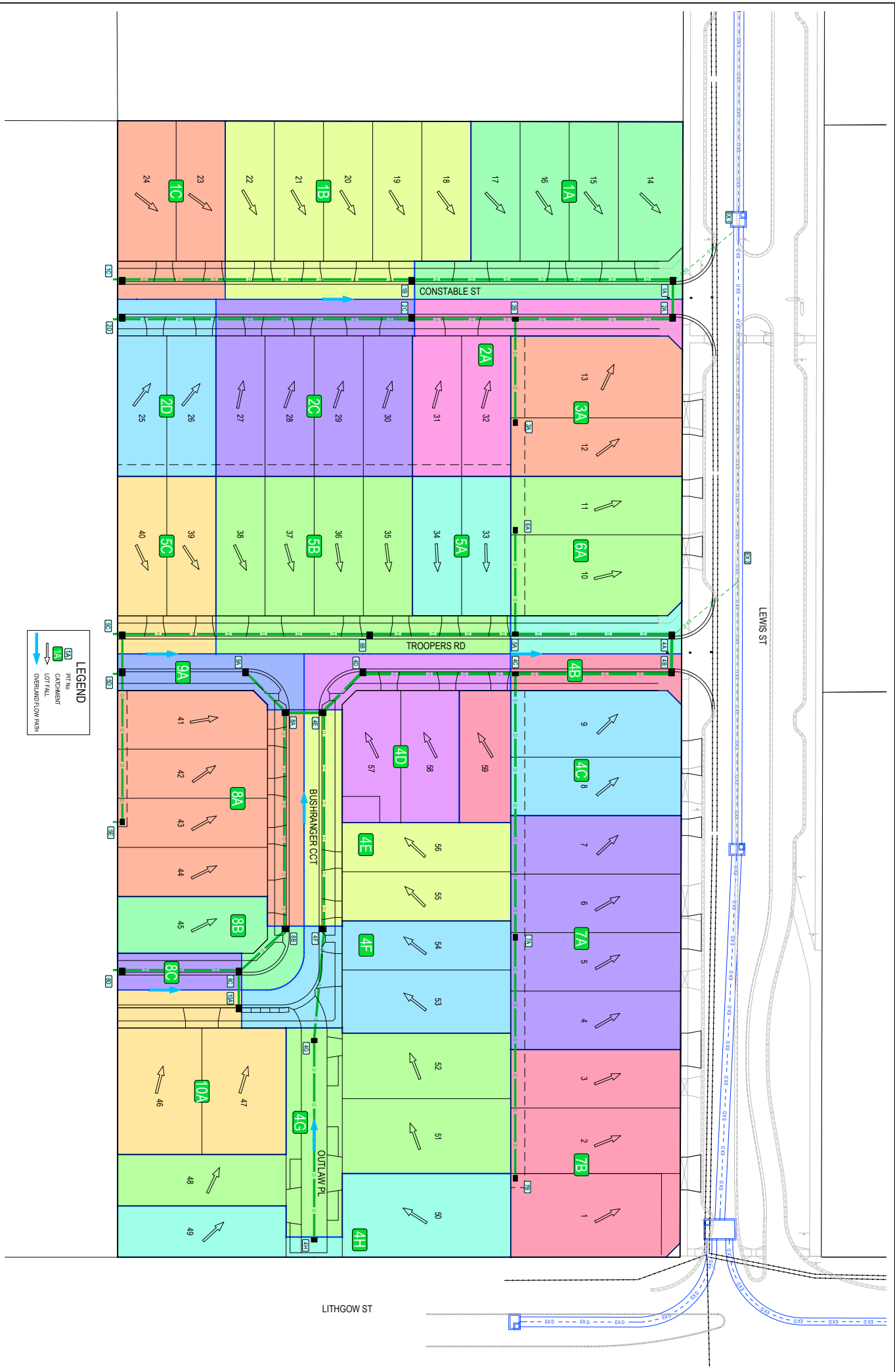
2/99-101 WESTERN AVENUE, WESTMEADOWS PH 03 8746 9988
ABN 11 103 336 338 WWW.TOMKINSON.COM

KELLY
— *Est.* —
Lithgow

[illegible]

FOR CONSTRUCTION	PROJECT & OWNER	REV
ISSUING STATUS:	S1461R20 / 22	D
KELLONEN 14 LITTHOW ST, BEVERIDGE LITTHOW DEVELOPMENTS PTY LTD MATCHELL SHIRE COUNCIL / P12025/19 STORMWATER PIT SCHEDULE		

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE - THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS
 PLOT DATE: 15/07/2020 FILE C:\12\DATA\TOMKBBG-12SDS\11461- LITHGOW DEVELOPMENTS PTY LTD, BEVERIDGE 97\ENGINEERING\CAD\CURRENT DESIGNS\1461\RAD CTN PLANS REVD.DWG



D. INCLUDE DRAINAGE CONNECTIONS FOR ADJOINING DEVELOPMENT, UPDATE REFERS TO B2 PROFILE
C. REVISE STAFF FOR CONSTRUCTION, UPDATE BUILDING NOTE
B. AMEND SLOPE PLANS AND TEMPORARY TURNING CIRCLES, UPDATE DRAINAGE BACKFILL
A. AS SUBMITTED TO COUNCIL

DES. DWG. CHK. DATE



Tomkinson Group
1299-101 WESTERN AVENUE, WESTMEADOWS, VIC 3103
ABN 11 103 338 338 WWW.TOMKINSON.COM

KELLY Lithgow

SCALE 1:1250
0 12.5 25 37.5 50 62.5 75 87.5 100 112.5 125
LITHGOW DEVELOPMENTS PTY LTD
14 LITHGOW ST, BEVERIDGE
VIC 3700
TEL: 08 9400 1111
WWW.LITHGOWDEVELOPMENTS.COM.AU

KELLY ON LITHGOW
14 LITHGOW ST, BEVERIDGE
STORMWATER CATCHMENT PLAN
LITHGOW DEVELOPMENTS PTY LTD
PROJECT & DWG NO. S1461R21 / 22
FOR CONSTRUCTION

3D MODEL - HYDROLOGICAL DESIGN SHEET																
Project: 31501 Main Street, Lafayette																
Design Model: 3D DRAINAGE																
Runoff File: 31501.drn																
Tc Method: Rational																
Tc Value: 1.5																
Drainage Method: Direct																
Sheet: 1 of 1																
Minor 20th Sept Event																
PI	PI Name	PI Type	Start Easting	Start Northing	Start RL	Catch ID	Tc	Intensity	Runoff C	Area	Fall	Full	Partial	Partial	Approach	
(1)	(2)	(3)	(m)	(m)	(m)	(4)	(min)	(mm/hr)	(%)	(ha)	(m)	(m)	(m)	(m)	(1/4)	
PI 31501 - 31501.00000																
1A	PI31501.00000	PI	31007.0	595629.5	78.15	1P	6.00	83.66	0.72	0.1816	0.1308	30.4	0.1308	0.1308	30.4	
1B	PI31501.00000	PI	31007.0	595629.5	78.15	1P	6.00	83.66	0.72	0.1816	0.1308	30.4	0.1308	0.1308	30.4	
1C	PI31501.00000	PI	31008.0	595629.5	78.16	1P	6.00	83.66	0.73	0.0897	0.0831	0.061	14.7	0.0831	0.0831	14.7
1D	PI31501.00000	PI	31008.0	595629.5	78.16	1P	6.00	83.66	0.73	0.0894	0.0847	0.061	14.8	0.0891	0.0931	14.8
1E	PI31501.00000	PI	31008.0	595629.5	78.16	1P	6.00	83.66	0.72	0.0901	0.1477	0.147	36.7	0.1477	0.1477	36.7
1F	PI31501.00000	PI	31008.0	595629.5	78.16	1P	6.00	83.66	0.72	0.0905	0.0877	0.097	13.3	0.0877	0.0972	13.3
1G	PI31501.00000	PI	31008.0	595629.5	78.16	1P	6.00	83.66	0.72	0.0905	0.0878	0.096	13.5	0.0878	0.0880	13.5
1H	PI31501.00000	PI	31008.0	595629.5	78.16	1P	6.00	83.66	0.73	0.0908	0.0838	0.098	13.7	0.0838	0.0988	13.7
1I	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.73	0.0909	0.0829	0.095	12.8	0.0829	0.0952	12.8
1J	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.72	0.0917	0.0834	0.098	13.0	0.0834	0.0987	13.0
1K	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.73	0.0918	0.0834	0.098	13.0	0.0834	0.0988	13.0
1L	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.66	0.1464	0.0788	0.098	17.8	0.0788	0.0988	17.8
1M	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1N	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1O	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1P	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1Q	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1R	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1S	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1T	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1U	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1V	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1W	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1X	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1Y	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1Z	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AA	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AB	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AC	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AD	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AE	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AF	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AG	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AH	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AI	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AJ	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AK	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AL	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AM	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AN	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AO	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AP	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AQ	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AR	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AS	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AT	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AU	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AV	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AW	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AX	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AY	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1AZ	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BA	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BB	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BC	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BD	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BE	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BF	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BG	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BH	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BI	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BJ	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BK	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BL	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BM	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BN	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BO	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012	0.1308	0.1308	30.4	0.1308	0.1308	30.4
1BP	PI31501.00000	PI	31009.0	595629.5	78.21	1P	6.00	83.66	0.65	0.2012						

12D MODEL - HYDRAULIC DESIGN SHEET

Project:	Orama Estate External Road
Drainage Model:	12D Drainage
Rainfall File:	Beveridge 2016.12dhydro
Rainfall Method:	IFD Table
Manning n Roughness:	0.013
Freeboard Limit:	0.15 m

Minor 5 Year Storm Event

Pipe ID	Pipe Type	Pipe Length	Pipe Size	Pipe Grade	Full Pipe	Follower 1	Follower 2	Follower 3	Partners 1	Partners 2	Partners 3	Partners 4	Partners 5	Partners 6	Partners 7	Partners 8	Partners 9	Partners 10	Partners 11	Partners 12	Partners 13	Partners 14	Partners 15	Partners 16	Partners 17	Partners 18	Partners 19	Partners 20	Partners 21	Partners 22	Partners 23	Partners 24	Partners 25	Partners 26	Partners 27	Partners 28	Partners 29	Partners 30	Partners 31	Partners 32	Partners 33	Partners 34	Partners 35	Partners 36	Partners 37	Partners 38	Partners 39	Partners 40	Partners 41	Partners 42	Partners 43	Partners 44	Partners 45	Partners 46	Partners 47	Partners 48	Partners 49	Partners 50	Partners 51	Partners 52	Partners 53	Partners 54	Partners 55	Partners 56	Partners 57	Partners 58	Partners 59	Partners 60	Partners 61	Partners 62	Partners 63	Partners 64	Partners 65	Partners 66	Partners 67	Partners 68	Partners 69	Partners 70	Partners 71	Partners 72	Partners 73	Partners 74	Partners 75	Partners 76	Partners 77	Partners 78	Partners 79	Partners 80	Partners 81	Partners 82	Partners 83	Partners 84	Partners 85	Partners 86	Partners 87	Partners 88	Partners 89	Partners 90	Partners 91	Partners 92	Partners 93	Partners 94	Partners 95	Partners 96	Partners 97	Partners 98	Partners 99	Partners 100	Partners 101	Partners 102	Partners 103	Partners 104	Partners 105	Partners 106	Partners 107	Partners 108	Partners 109	Partners 110	Partners 111	Partners 112	Partners 113	Partners 114	Partners 115	Partners 116	Partners 117	Partners 118	Partners 119	Partners 120	Partners 121	Partners 122	Partners 123	Partners 124	Partners 125	Partners 126	Partners 127	Partners 128	Partners 129	Partners 130	Partners 131	Partners 132	Partners 133	Partners 134	Partners 135	Partners 136	Partners 137	Partners 138	Partners 139	Partners 140	Partners 141	Partners 142	Partners 143	Partners 144	Partners 145	Partners 146	Partners 147	Partners 148	Partners 149	Partners 150	Partners 151	Partners 152	Partners 153	Partners 154	Partners 155	Partners 156	Partners 157	Partners 158	Partners 159	Partners 160	Partners 161	Partners 162	Partners 163	Partners 164	Partners 165	Partners 166	Partners 167	Partners 168	Partners 169	Partners 170	Partners 171	Partners 172	Partners 173	Partners 174	Partners 175	Partners 176	Partners 177	Partners 178	Partners 179	Partners 180	Partners 181	Partners 182	Partners 183	Partners 184	Partners 185	Partners 186	Partners 187	Partners 188	Partners 189	Partners 190	Partners 191	Partners 192	Partners 193	Partners 194	Partners 195	Partners 196	Partners 197	Partners 198	Partners 199	Partners 200	Partners 201	Partners 202	Partners 203	Partners 204	Partners 205	Partners 206	Partners 207	Partners 208	Partners 209	Partners 210	Partners 211	Partners 212	Partners 213	Partners 214	Partners 215	Partners 216	Partners 217	Partners 218	Partners 219	Partners 220	Partners 221	Partners 222	Partners 223	Partners 224	Partners 225	Partners 226	Partners 227	Partners 228	Partners 229	Partners 230	Partners 231	Partners 232	Partners 233	Partners 234	Partners 235	Partners 236	Partners 237	Partners 238	Partners 239	Partners 240	Partners 241	Partners 242	Partners 243	Partners 244	Partners 245	Partners 246	Partners 247	Partners 248	Partners 249	Partners 250	Partners 251	Partners 252	Partners 253	Partners 254	Partners 255	Partners 256	Partners 257	Partners 258	Partners 259	Partners 260	Partners 261	Partners 262	Partners 263	Partners 264	Partners 265	Partners 266	Partners 267	Partners 268	Partners 269	Partners 270	Partners 271	Partners 272	Partners 273	Partners 274	Partners 275	Partners 276	Partners 277	Partners 278	Partners 279	Partners 280	Partners 281	Partners 282	Partners 283	Partners 284	Partners 285	Partners 286	Partners 287	Partners 288	Partners 289	Partners 290	Partners 291	Partners 292	Partners 293	Partners 294	Partners 295	Partners 296	Partners 297	Partners 298	Partners 299	Partners 300	Partners 301	Partners 302	Partners 303	Partners 304	Partners 305	Partners 306	Partners 307	Partners 308	Partners 309	Partners 310	Partners 311	Partners 312	Partners 313	Partners 314	Partners 315	Partners 316	Partners 317	Partners 318	Partners 319	Partners 320	Partners 321	Partners 322	Partners 323	Partners 324	Partners 325	Partners 326	Partners 327	Partners 328	Partners 329	Partners 330	Partners 331	Partners 332	Partners 333	Partners 334	Partners 335	Partners 336	Partners 337	Partners 338	Partners 339	Partners 340	Partners 341	Partners 342	Partners 343	Partners 344	Partners 345	Partners 346	Partners 347	Partners 348	Partners 349	Partners 350	Partners 351	Partners 352	Partners 353	Partners 354	Partners 355	Partners 356	Partners 357	Partners 358	Partners 359	Partners 360	Partners 361	Partners 362	Partners 363	Partners 364	Partners 365	Partners 366	Partners 367	Partners 368	Partners 369	Partners 370	Partners 371	Partners 372	Partners 373	Partners 374	Partners 375	Partners 376	Partners 377	Partners 378	Partners 379	Partners 380	Partners 381	Partners 382	Partners 383	Partners 384	Partners 385	Partners 386	Partners 387	Partners 388	Partners 389	Partners 390	Partners 391	Partners 392	Partners 393	Partners 394	Partners 395	Partners 396	Partners 397	Partners 398	Partners 399	Partners 400	Partners 401	Partners 402	Partners 403	Partners 404	Partners 405	Partners 406	Partners 407	Partners 408	Partners 409	Partners 410	Partners 411	Partners 412	Partners 413	Partners 414	Partners 415	Partners 416	Partners 417	Partners 418	Partners 419	Partners 420	Partners 421	Partners 422	Partners 423	Partners 424	Partners 425	Partners 426	Partners 427	Partners 428	Partners 429	Partners 430	Partners 431	Partners 432	Partners 433	Partners 434	Partners 435	Partners 436	Partners 437	Partners 438	Partners 439	Partners 440	Partners 441	Partners 442	Partners 443	Partners 444	Partners 445	Partners 446	Partners 447	Partners 448	Partners 449	Partners 450	Partners 451	Partners 452	Partners 453	Partners 454	Partners 455	Partners 456	Partners 457	Partners 458	Partners 459	Partners 460	Partners 461	Partners 462	Partners 463	Partners 464	Partners 465	Partners 466	Partners 467	Partners 468	Partners 469	Partners 470	Partners 471	Partners 472	Partners 473	Partners 474	Partners 475	Partners 476	Partners 477	Partners 478	Partners 479	Partners 480	Partners 481	Partners 482	Partners 483	Partners 484	Partners 485	Partners 486	Partners 487	Partners 488	Partners 489	Partners 490	Partners 491	Partners 492	Partners 493	Partners 494	Partners 495	Partners 496	Partners 497	Partners 498	Partners 499	Partners 500	Partners 501	Partners 502	Partners 503	Partners 504	Partners 505	Partners 506	Partners 507	Partners 508	Partners 509	Partners 510	Partners 511	Partners 512	Partners 513	Partners 514	Partners 515	Partners 516	Partners 517	Partners 518	Partners 519	Partners 520	Partners 521	Partners 522	Partners 523	Partners 524	Partners 525	Partners 526	Partners 527	Partners 528	Partners 529	Partners 530	Partners 531	Partners 532	Partners 533	Partners 534	Partners 535	Partners 536	Partners 537	Partners 538	Partners 539	Partners 540	Partners 541	Partners 542	Partners 543	Partners 544	Partners 545	Partners 546	Partners 547	Partners 548	Partners 549	Partners 550	Partners 551	Partners 552	Partners 553	Partners 554	Partners 555	Partners 556	Partners 557	Partners 558	Partners 559	Partners 560	Partners 561	Partners 562	Partners 563	Partners 564	Partners 565	Partners 566	Partners 567	Partners 568	Partners 569	Partners 570	Partners 571	Partners 572	Partners 573	Partners 574	Partners 575	Partners 576	Partners 577	Partners 578	Partners 579	Partners 580	Partners 581	Partners 582	Partners 583	Partners 584	Partners 585	Partners 586	Partners 587	Partners 588	Partners 589	Partners 590	Partners 591	Partners 592	Partners 593	Partners 594	Partners 595	Partners 596	Partners 597	Partners 598	Partners 599	Partners 600	Partners 601	Partners 602	Partners 603	Partners 604	Partners 605	Partners 606	Partners 607	Partners 608	Partners 609	Partners 610	Partners 611	Partners 612	Partners 613	Partners 614	Partners 615	Partners 616	Partners 617	Partners 618	Partners 619	Partners 620	Partners 621	Partners 622	Partners 623	Partners 624	Partners 625	Partners 626	Partners 627	Partners 628	Partners 629	Partners 630	Partners 631	Partners 632	Partners 633	Partners 634	Partners 635	Partners 636	Partners 637	Partners 638	Partners 639	Partners 640	Partners 641	Partners 642	Partners 643	Partners 644	Partners 645	Partners 646	Partners 647	Partners 648	Partners 649	Partners 650	Partners 651	Partners 652	Partners 653	Partners 654	Partners 655	Partners 656	Partners 657	Partners 658	Partners 659	Partners 660	Partners 661	Partners 662	Partners 663	Partners 664	Partners 665	Partners 666	Partners 667	Partners 668	Partners 669	Partners 670	Partners 671	Partners 672	Partners 673	Partners 674	Partners 675	Partners 676	Partners 677	Partners 678	Partners 679	Partners 680	Partners 681	Partners 682	Partners 683	Partners 684	Partners 685	Partners 686	Partners 687	Partners 688	Partners 689	Partners 690	Partners 691	Partners 692	Partners 693	Partners 694	Partners 695	Partners 696	Partners 697	Partners 698	Partners 699	Partners 700	Partners 701	Partners 702	Partners 703	Partners 704	Partners 705	Partners 706	Partners 707	Partners 708	Partners 709	Partners 710	Partners 711	Partners 712	Partners 713	Partners 714	Partners 715	Partners 716	Partners 717	Partners 718	Partners 719	Partners 720	Partners 721	Partners 722	Partners 723	Partners 724	Partners 725	Partners 726	Partners 727	Partners 728	Partners 729	Partners 730	Partners 731	Partners 732	Partners 733	Partners 734	Partners 735	Partners 736	Partners 737	Partners 738	Partners 739	Partners 740	Partners 741	Partners 742	Partners 743	Partners 744	Partners 745	Partners 746	Partners 747	Partners 748	Partners 749	Partners 750	Partners 751	Partners 752	Partners 753	Partners 754	Partners 755	Partners 756	Partners 757	Partners 758	Partners 759	Partners 760	Partners 761	Partners 762	Partners 763	Partners 764	Partners 765	Partners 766	Partners 767	Partners 768	Partners 769	Partners 770	Partners 771	Partners 772	Partners 773	Partners 774	Partners 775	Partners 776	Partners 777	Partners 778	Partners 779	Partners 780	Partners 781	Partners 782	Partners 783	Partners 784	Partners 785	Partners 786	Partners 787	Partners 788	Partners 789	Partners 790	Partners 791	Partners 792	Partners 793	Partners 794	Partners 795	Partners 796	Partners 797	Partners 798	Partners 799	Partners 800	Partners 801	Partners 802	Partners 803	Partners 804	Partners 805	Partners 806	Partners 807	Partners 808	Partners 809	Partners 810	Partners 811	Partners 812	Partners 813	Partners 814	Partners 815	Partners 816	Partners 817	Partners 818	Partners 819	Partners 820	Partners 821	Partners 822	Partners 823	Partners 824	Partners 825	Partners 826	Partners 827	Partners 828	Partners 829	Partners 830	Partners 831	Partners 832	Partners 833	Partners 834	Partners 835	Partners 836	Partners 837	Partners 838	Partners 839	Partners 840	Partners 841	Partners 842	Partners 843	Partners 844	Partners 845	Partners 846	Partners 847	Partners 848	Partners 849	Partners 850	Partners 851	Partners 852	Partners 853	Partners 854	Partners 855	Partners 856	Partners 857	Partners 858	Partners 859	Partners 860	Partners 861	Partners 862	Partners 863	Partners 864	Partners 865	Partners 866	Partners 867	Partners 868	Partners 869	Partners 870	Partners 871	Partners 872	Partners 873	Partners 874	Partners 875	Partners 876	Partners 877	Partners 878	Partners 879	Partners 880	Partners 881	Partners 882	Partners 883	Partners 884	Partners 885
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PLOT DATE: 15/07/2020 FILE: C:\12D\DATA\TOMKBO-12DS01\1461 - LITHGOW DEVELOPMENTS PTY LTD, BEVERIDGE 97\ENGINEERING\CAD\CURRENT DESIGN\1461 R&D CTN PLANS REVD.DWG