

DRAWING SCHEDULE

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REFERENCE	DESCRIPTION	REVISION
100	COVER SHEET	F
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404	PART PLAN D	F
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ELECTRICAL DRAWING SCHEDULE

REFERENCE	DESCRIPTION	REVISION
118411-E1000	COVER SHEET - STAGE 2 - KNOWLES PLACE EXTENSION - ELECTRICAL SERVICES	02
118411-E1001	LEGEND AND SCOPE OF WORKS - STAGE 2 - KNOWLES PLACE EXTENSION - ELECTRICAL SERVICES	02
118411-E1201	KNOWLES PLACE EXTENSION - NEW STREET LIGHTING LAYOUT - ELECTRICAL SERVICES	02

file name: 306375CC002.dwg; layout name: CC002; plotted by: Carl O'Ho; file location: \\spire.com.au\carl\p\306375CC002.dwg; plot date: 02/07/2021 1:35 PM; sheet 2 of 43 sheets

Rev	Amendments	Approved	Date
C	BUILDING REVISION	LB	02-07-21
B	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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Designed CO	Checked LB
Authorised MB	Date 01-12-20

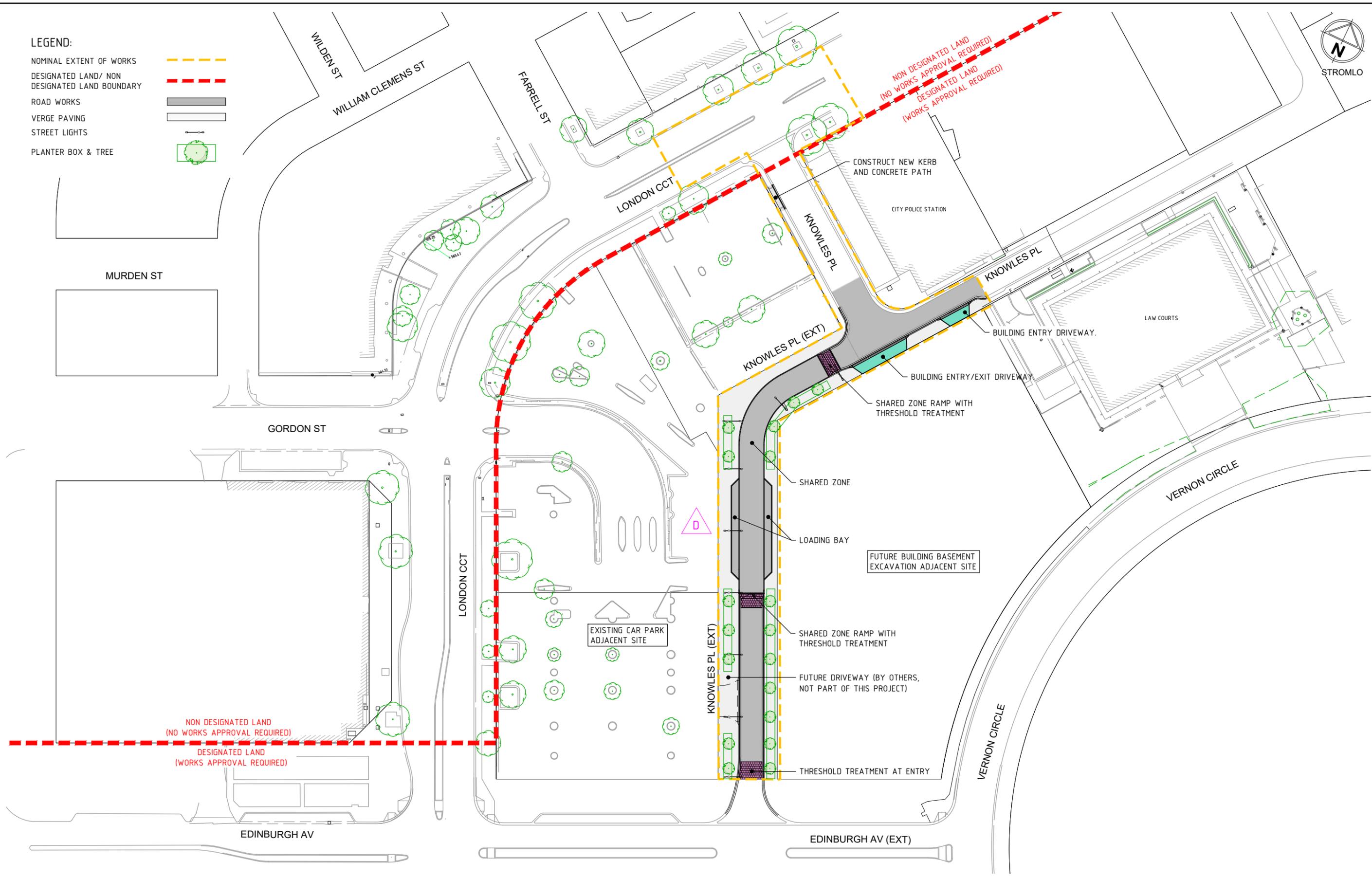
**SECTION 100 CANBERRA CITY
 STAGE 2 (KNOWLES PL EXTENSION)
 DRAWING SCHEDULE**

 TCCS
 MPG CONSTRUCTIONS

Drg No 306375CC002	Rev C
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LEGEND:

- NOMINAL EXTENT OF WORKS
- DESIGNATED LAND/ NON DESIGNATED LAND BOUNDARY
- ROAD WORKS
- VERGE PAVING
- STREET LIGHTS
- PLANTER BOX & TREE



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Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS	LB	07-05-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
GENERAL ARRANGEMENT PLAN**

TCCS
MPG CONSTRUCTIONS

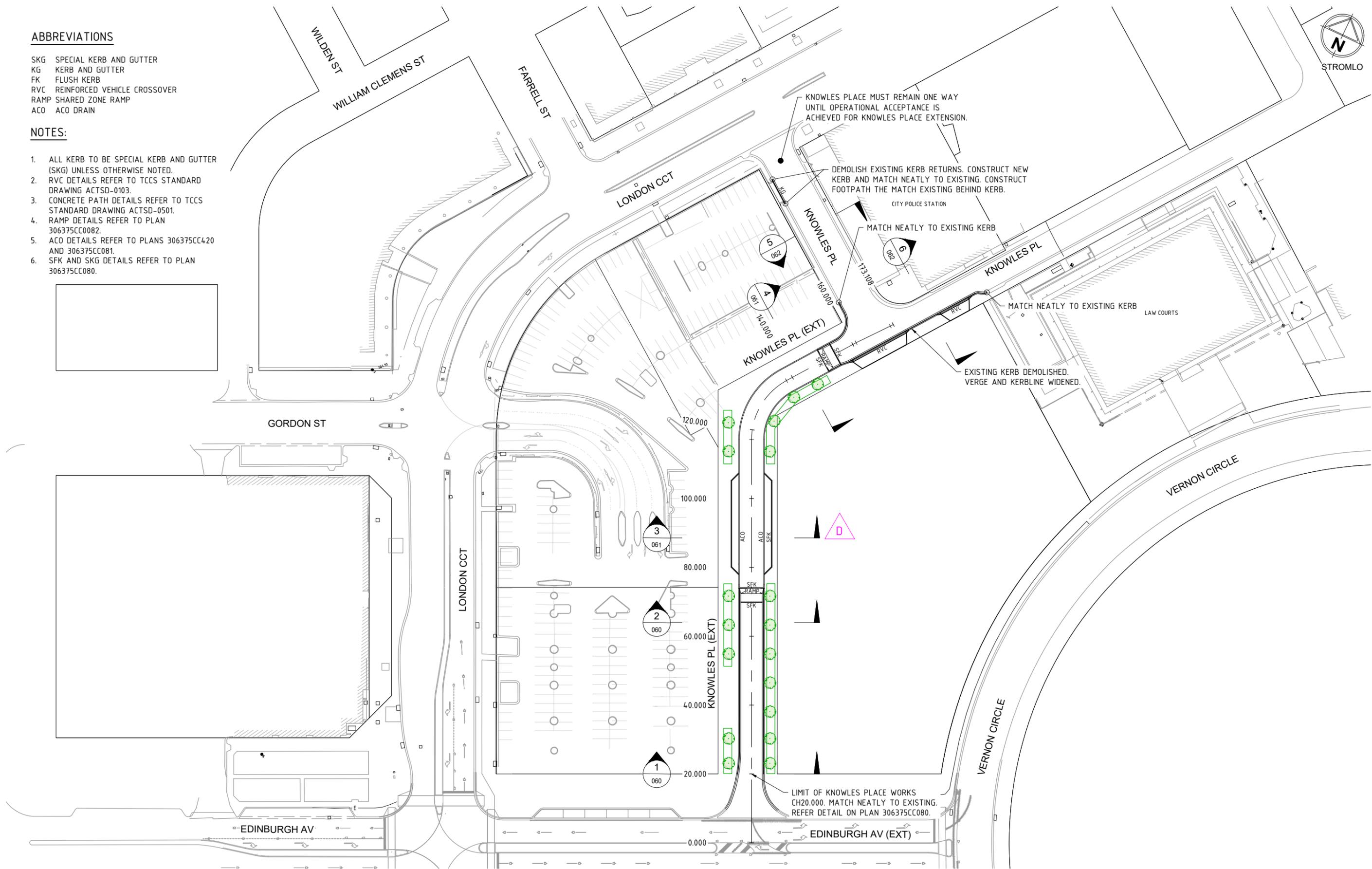
Drg No: 306375CC010
Rev: D

ABBREVIATIONS

- SKG SPECIAL KERB AND GUTTER
- KG KERB AND GUTTER
- FK FLUSH KERB
- RVC REINFORCED VEHICLE CROSSOVER
- RAMP SHARED ZONE RAMP
- ACO ACO DRAIN

NOTES:

1. ALL KERB TO BE SPECIAL KERB AND GUTTER (SKG) UNLESS OTHERWISE NOTED.
2. RVC DETAILS REFER TO TCCS STANDARD DRAWING ACTSD-0103.
3. CONCRETE PATH DETAILS REFER TO TCCS STANDARD DRAWING ACTSD-0501.
4. RAMP DETAILS REFER TO PLAN 306375CC0082.
5. ACO DETAILS REFER TO PLANS 306375CC420 AND 306375CC081.
6. SFK AND SKG DETAILS REFER TO PLAN 306375CC080.



file name: 306375CC020.dwg, layout name: CC020, plotted by: Carl O'Ho, file location: \\spire.com.au\canberra\data\306375CC020\306375CC020.dwg

Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS		
A	ISSUED FOR APPROVAL	MB	01-12-20



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**SECTION 100 CANBERRA CITY
 STAGE 2 (KNOWLES PL EXTENSION)
 ROAD LAYOUT AND STAGING PLAN**

TCCS
 MPG CONSTRUCTIONS

Drg No: **306375CC020** Rev: **D**



LEGEND:

- VERGE PAVING
- DRIVEWAY PAVING
- ROAD PAVEMENT TYPE 1
- ROAD PAVEMENT TYPE 2
- ROAD PAVEMENT TYPE 3
- ROAD PAVEMENT TYPE 4
- ROAD PAVEMENT TYPE 5

- 200 N32 CONCRETE
SL82 MESH 50 COVER TOP AND BOTTOM
PATTERN TO LANDSCAPE ARCHITECT PLANS
 - 150 DGB20

- 45 AC14HD
- 150 AC20HD
- PRIME
- 150 DGB20

(CBR15%)
ROAD PAVEMENT TYPE 1

(CBR15%)
ROAD PAVEMENT TYPE 2

- AC14HD (VARIES FROM 45 TO 100)
- TACK COAT
- EXISTING PAVEMENT

- 45 AC14HD
- 105 AC20HD
- PRIME
- 100DGB20

ROAD PAVEMENT TYPE 3

(CBR<5%)
ROAD PAVEMENT TYPE 4

- PAVERS (GRANITE SETS) TO
LANDSCAPE ARCHITECT PLANS
- LATICRETE '4237' ADHESIVE
- 200 N32 CONCRETE
SL82 MESH 50 COVER TOP AND BOTTOM
- 100DGB20

- 175 N32 CONCRETE
SL82 MESH 50 TOP COVER
- 100DGB20

(CBR15%)
ROAD PAVEMENT TYPE 5

(CBR15%)
DRIVEWAY PAVING

- PAVERS TO LANDSCAPE ARCHITECT PLANS
- LATICRETE '4237' ADHESIVE
- 150 N32 CONCRETE
SL82 MESH 50 TOP COVER
- 100DGB20

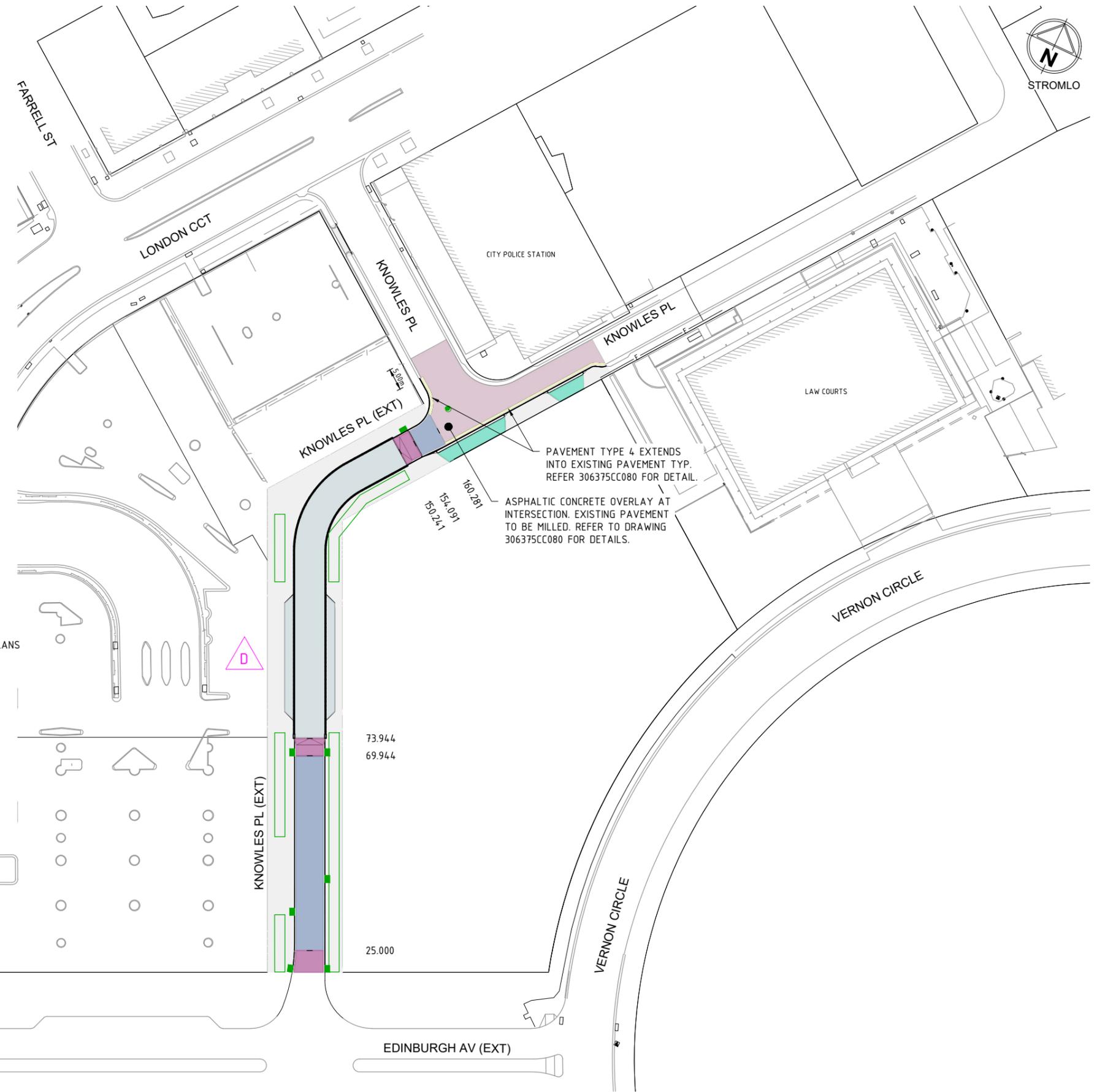
- 150 N32 CONCRETE
SL82 MESH 50 TOP COVER
- 100DGB20

(CBR15%)
VERGE PAVING

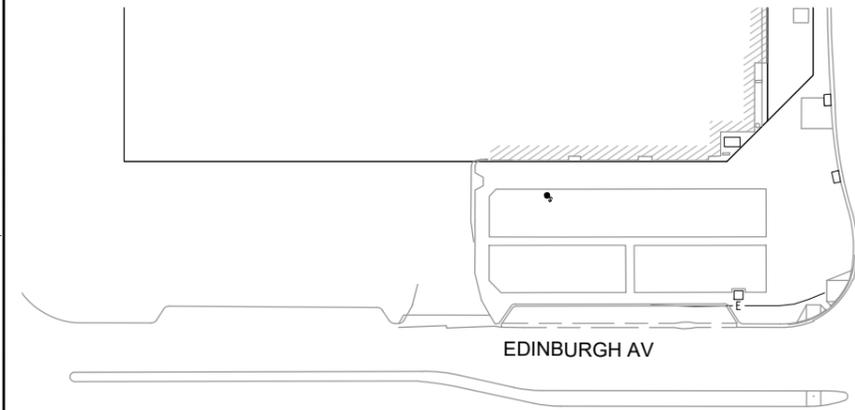
(CBR15%)
VERGE CONCRETE - PATTERN TO LANDSCAPE ARCHITECT PLANS

NOTES:

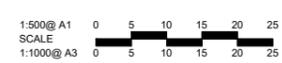
1. VERGE PAVING TYPE, PATTERN AND EXTENT REFER TO LANDSCAPE ARCHITECT PLANS.
2. SHARED ZONE CONCRETE PAVEMENT TO BE COLOURED OXIDE. REFER TO LANDSCAPE ARCHITECT'S PLANS FOR PATTERNS AND COLOURS. JOINTING REFER TO DRAWING 306375CC041.
3. DRIVEWAY CONCRETE PAVEMENT TO BE COLOURED OXIDE. REFER TO LANDSCAPE ARCHITECT'S PLANS FOR PATTERNS AND COLOURS. JOINTING REFER TO TCCS STANDARD DRAWING ACTSD-0702.



file name: 306375CC040.dwg, layout name: C040, plotted by: Carl Offo, file location: \\spire.com.au\candata\data\30\306375\G:\V\ACAD\ST2 KP plot date: 02/07/2021 1:36 PM Sheet 6 of 43 Sheets



Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS - PAVEMENT EXTENTS MODIFIED	LB	07-05-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
PAVEMENT PLAN**

TCCS
MPG CONSTRUCTIONS

Drg No
306375CC040

Rev
D

LEGEND:

- EXPANSION JOINT (EJ) ---
- DIAMOND DOWELED EXPANSION JOINT (DDEJ) ---
- CONTRACTION JOINT (CJ) ---

NOTES:

1. VERGE PAVING : REFER TO LANDSCAPE ARCHITECT PLANS
2. REFER TO DRAWING 306375CC084 FOR DETAILS OF JOINTS
3. CONCRETE PAVEMENT TO BE FINISHED AS PER LANDSCAPE ARCHITECT'S PLANS

FOR CONTINUATION REFER TO PLAN BOTTOM RIGHT

EJ ALONG EDGE OF ACODRAIN TO BE CONSTRUCTED AS PER ACODRAIN CONCRETE ENCASUREMENT DETAIL ON PLAN 306375CC081

EJ ALONG EDGE OF ACODRAIN TO BE CONSTRUCTED AS PER ACODRAIN CONCRETE ENCASUREMENT DETAIL ON PLAN 306375CC081



KNOWLES PL (EXT)

3,00m
TYP.

73,944

69,944



KNOWLES PL (EXT)

EJ ALONG EDGE OF ACODRAIN TO BE CONSTRUCTED AS PER ACODRAIN CONCRETE ENCASUREMENT DETAIL ON PLAN 306375CC081

EJ ALONG EDGE OF ACODRAIN TO BE CONSTRUCTED AS PER ACODRAIN CONCRETE ENCASUREMENT DETAIL ON PLAN 306375CC081

FOR CONTINUATION REFER TO PLAN TOP LEFT

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Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS - PAVEMENT EXTENTS MODIFIED	LB	07-05-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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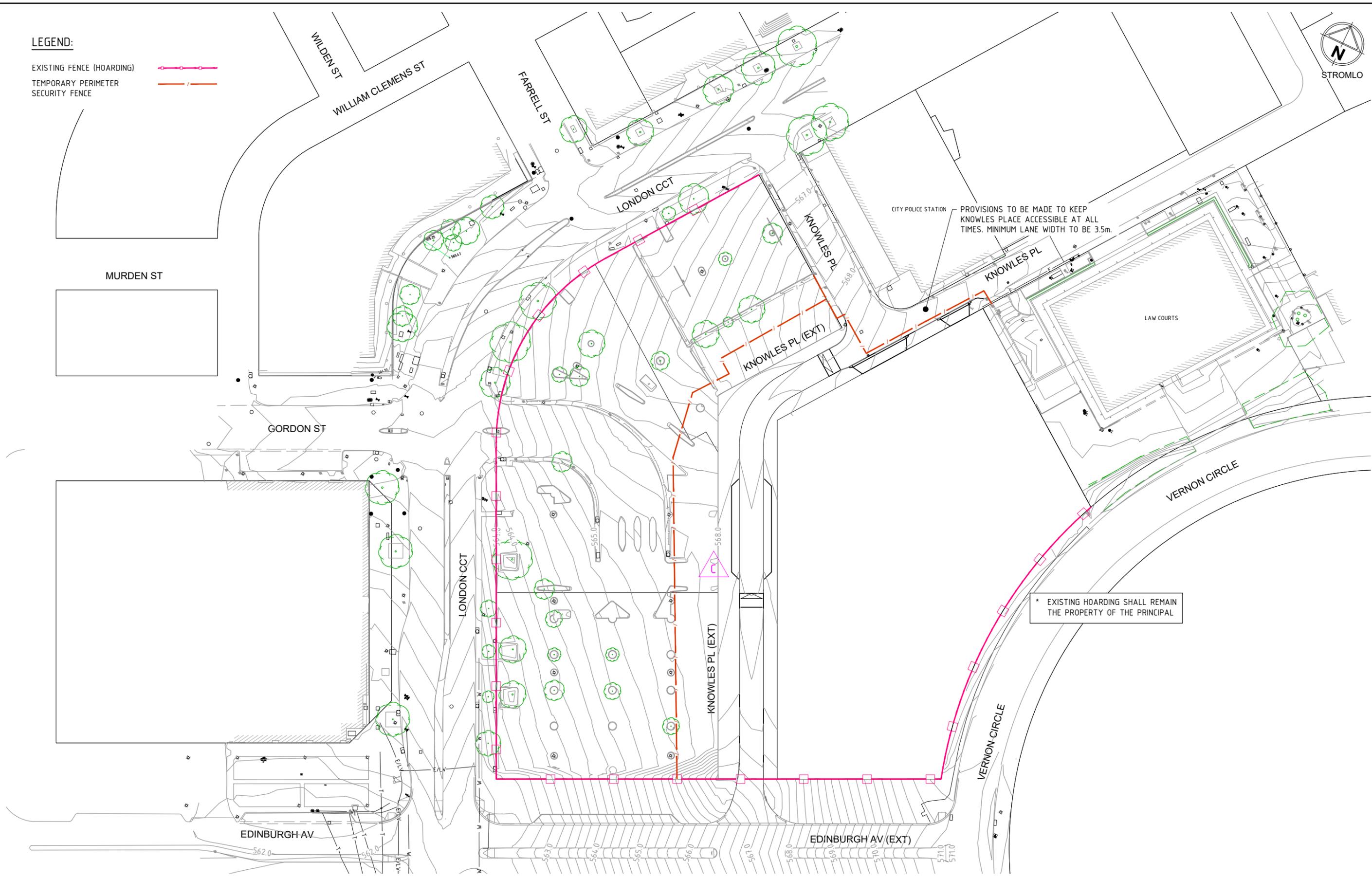
**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
PAVEMENT PLAN**

TCCS
MPG CONSTRUCTIONS

Drg No: **306375CC041** Rev: **D**

LEGEND:

- EXISTING FENCE (HOARDING) 
- TEMPORARY PERIMETER SECURITY FENCE 



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Rev	Amendments	Approved	Date
C	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
B	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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**SECTION 100 CANBERRA CITY
 STAGE 2 (KNOWLES PL EXTENSION)
 FENCING PLAN**

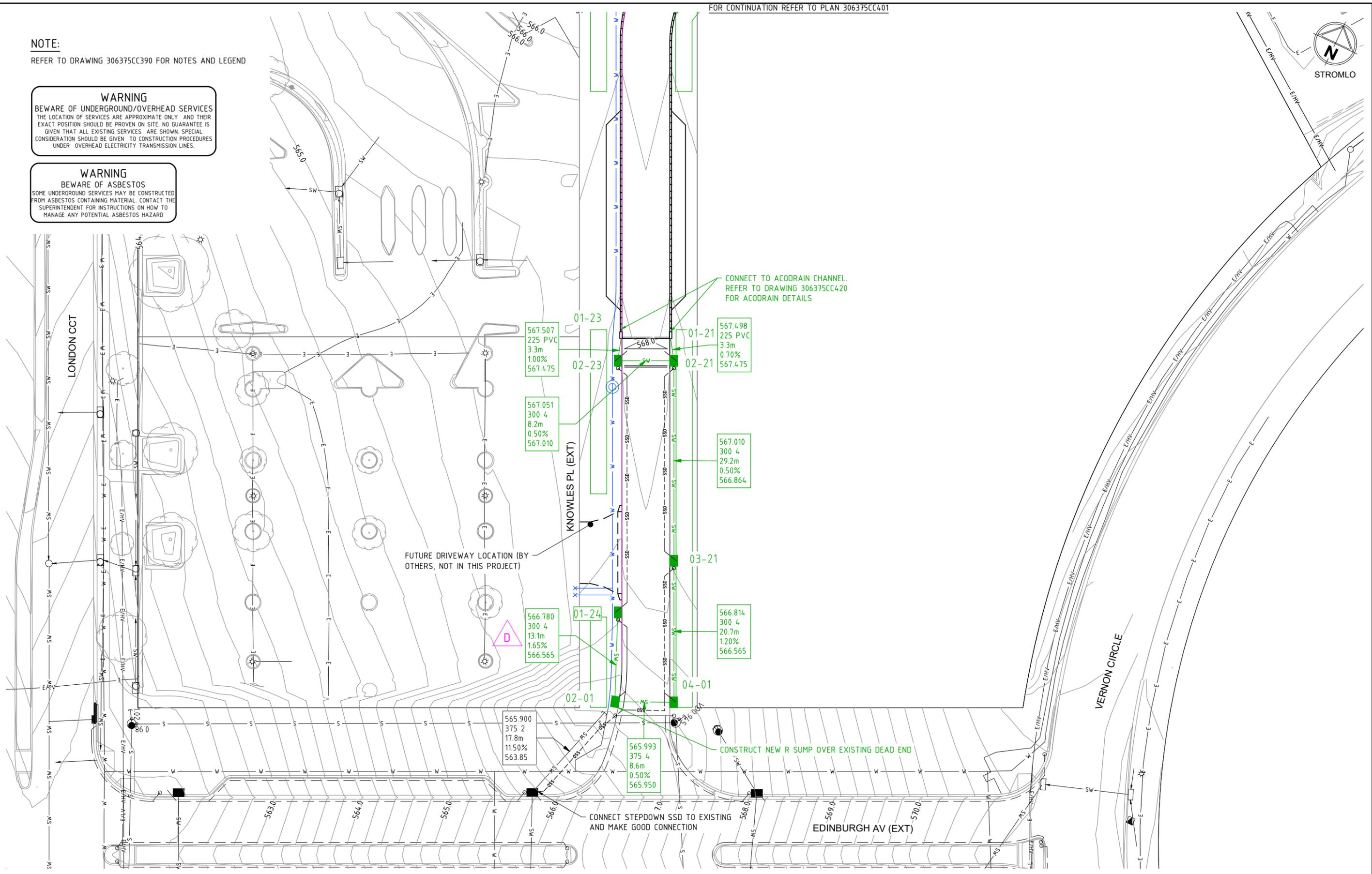
 TCCS
 MPG CONSTRUCTIONS
 Drg No: **306375CC350**
 Rev: **C**



NOTE:
REFER TO DRAWING 306375CC390 FOR NOTES AND LEGEND

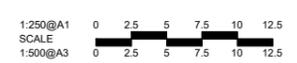
WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

WARNING
BEWARE OF ASBESTOS
SOME UNDERGROUND SERVICES MAY BE CONSTRUCTED FROM ASBESTOS CONTAINING MATERIAL. CONTACT THE SUPERINTENDENT FOR INSTRUCTIONS ON HOW TO MANAGE ANY POTENTIAL ASBESTOS HAZARD



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Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED, 01-24 MOVED AND REALIGNED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS - 01-20, 01-21, 02-20, 02-21 MOVED	LB	07-05-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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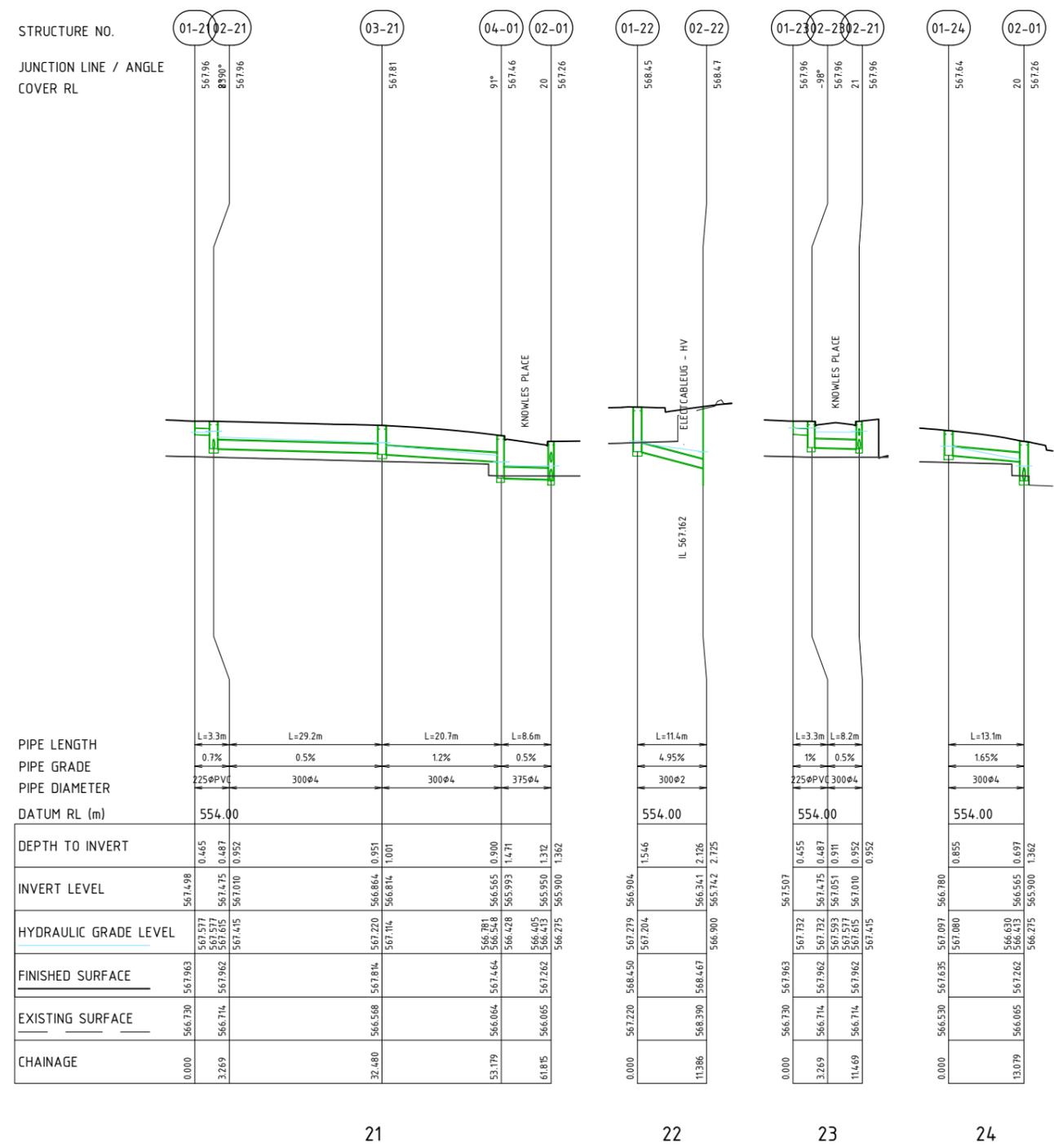
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**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
STORMWATER PLAN**

TCCS
MPG CONSTRUCTIONS

Drg No: **306375CC400** Rev: **D**

file name: 306375CC410.dwg, layout name: CC410, plotted by: Carl O'H, file location: \\spire.com.au\candara\data\306375CC410\306375CC410.dwg



STRUCTURE NO.
JUNCTION LINE / ANGLE
COVER RL

PIPE LENGTH
PIPE GRADE
PIPE DIAMETER
DATUM RL (m)
DEPTH TO INVERT
INVERT LEVEL
HYDRAULIC GRADE LEVEL
FINISHED SURFACE
EXISTING SURFACE
CHAINAGE

STORMWATER STRUCTURE TABLE

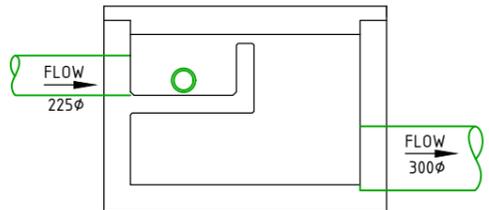
No.	TYPE	EASTING	NORTHING	COVER RL	COVER TYPE
01-21	ACODRAIN CONNECTION	210554.91	603771.20	567.963	
01-22	R SUMP	21054.144	603842.73	568.450	
01-23	ACODRAIN CONNECTION	21054.835	603768.10	567.963	
01-24	SPECIAL R SUMP	210565.84	603732.13	567.635	
02-01	SPECIAL R SUMP	210570.22	603719.74	567.262	
02-21	SPECIAL R SUMP	210555.91	603768.09	567.962	
02-22	MANHOLE	21054.8.03	603851.99	568.467	
02-23	SPECIAL R SUMP	210550.12	603765.36	567.962	
03-21	SPECIAL R SUMP	210568.4.0	60374.1.69	567.814	
04-01	SPECIAL R SUMP	210577.52	603723.11	567.464	

STORMWATER STRUCTURE NOTES:
R SUMP = TYPE R SUMP INLET, REFER TCCS STD. DRG. ACTSD-0820
SETOUT TO CENTRE OF PIT, AT KERBLINE
SPECIAL R SUMP = TYPE R SUMP INLET WITH INTERNAL TREE WATERING PIT, REFER TCCS STD. DRG. ACTSD-0820 AND 306375CC421.
SETOUT TO CENTRE OF PIT, AT KERBLINE
MANHOLE = 1050Ø MANHOLE, REFER TCCS STD. DRG. ACTSD-0827
SETOUT TO CENTRE
DE = DEAD END. SETOUT TO CENTRE

NOTES :
1. ALL EXISTING PATH/KERB/MEDIAN AFFECTED BY PROPOSED WORKS TO BE REINSTATED AS FOLLOWS :
PATH - MIN. 100mm CONCRETE ON 150mm DGS20 BASE.
KERB - REFER TO TO DETAILS ON DWG. 306375CC080.

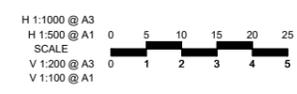
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STRUCTURE 02-20 & 02-21 SCHEMATIC
NTS

Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED, 01-24 REALIGNED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS - 01-20, 01-21, 02-20, 02-21 MOVED	LB	07-05-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
STORMWATER LONGITUDINAL SECTIONS**

TCCS
MPG CONSTRUCTIONS
Drg No 306375CC410
Rev D

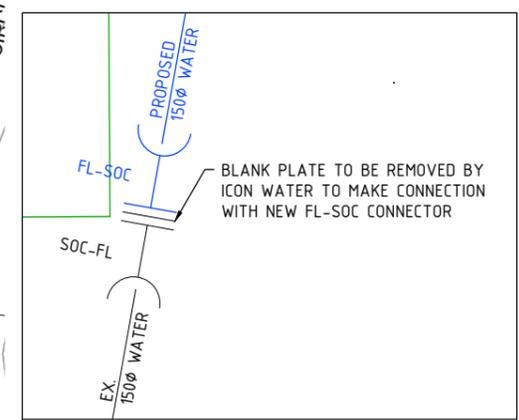
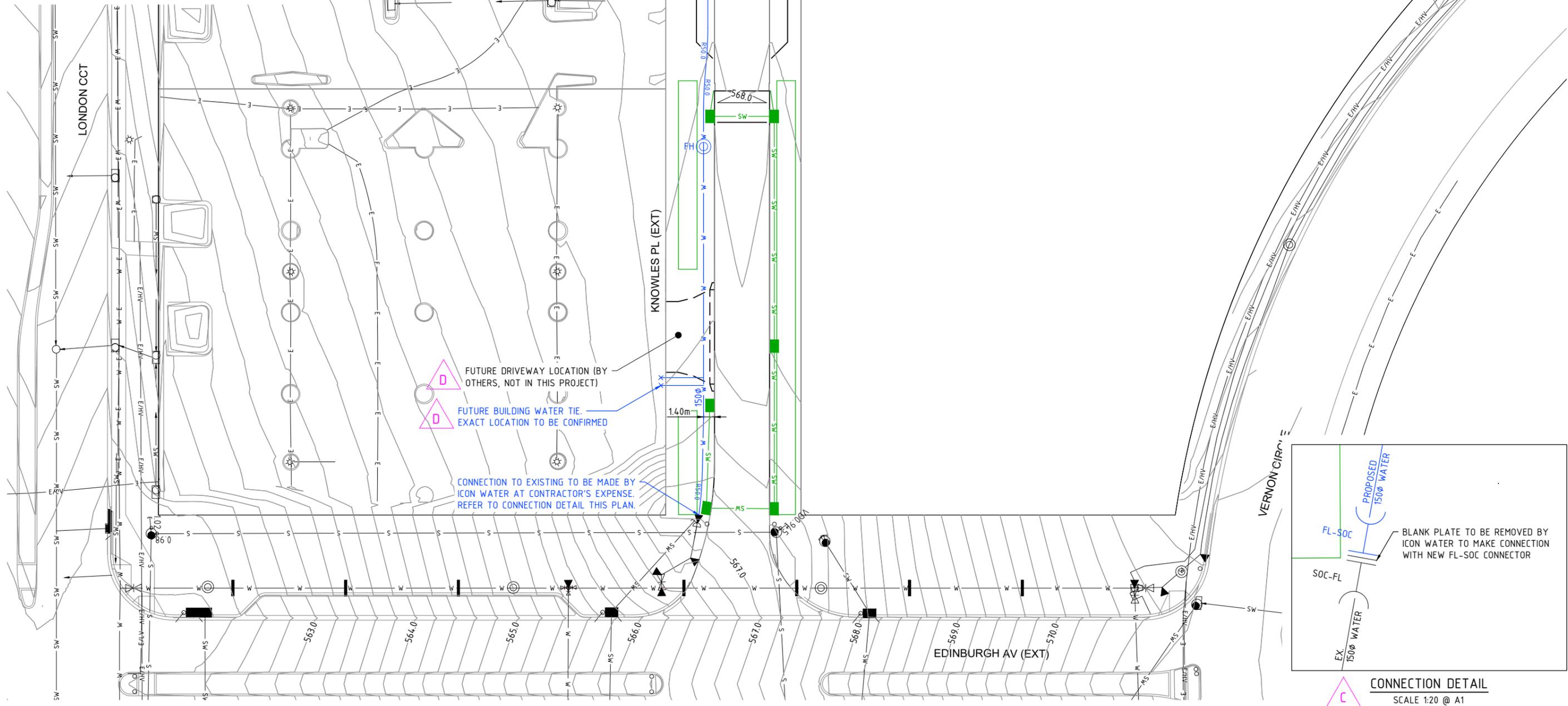


NOTE:

1. REFER TO DRAWING 306375CC390 FOR NOTES AND LEGEND
2. CONTRACTOR MUST HYDROEXCAVATE EXISTING WATERMAINS AND CONFIRM ALIGNMENT IS SUITABLE FOR CONNECTION BY ICON WATER

WARNING
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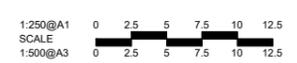
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CONNECTION DETAIL
 SCALE 1:20 @ A1

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Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED, TIES RELOCATED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS - DRIVEWAYS REMOVED, TIES ADDED	LB	07-05-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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 Authorised: MB
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**SECTION 100 CANBERRA CITY
 STAGE 2 (KNOWLES PL EXTENSION)
 SEWER AND WATER PLAN**

TCCS
 MPG CONSTRUCTIONS

Drg No: **306375CC450** Rev: **D**

NOTE:

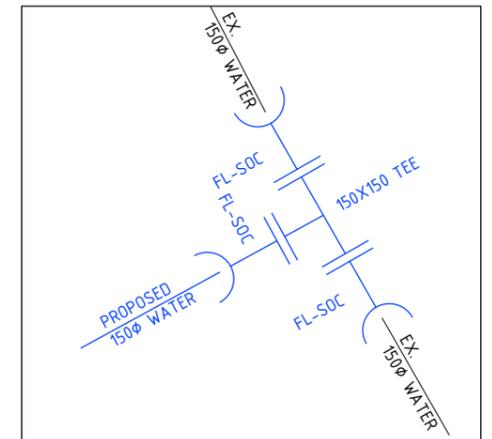
1. REFER TO DRAWING 306375CC390 FOR NOTES AND LEGEND
2. CONTRACTOR MUST HYDROEXCAVATE EXISTING WATERMANS AND CONFIRM ALIGNMENT IS SUITABLE FOR CONNECTION BY ICON WATER

WARNING

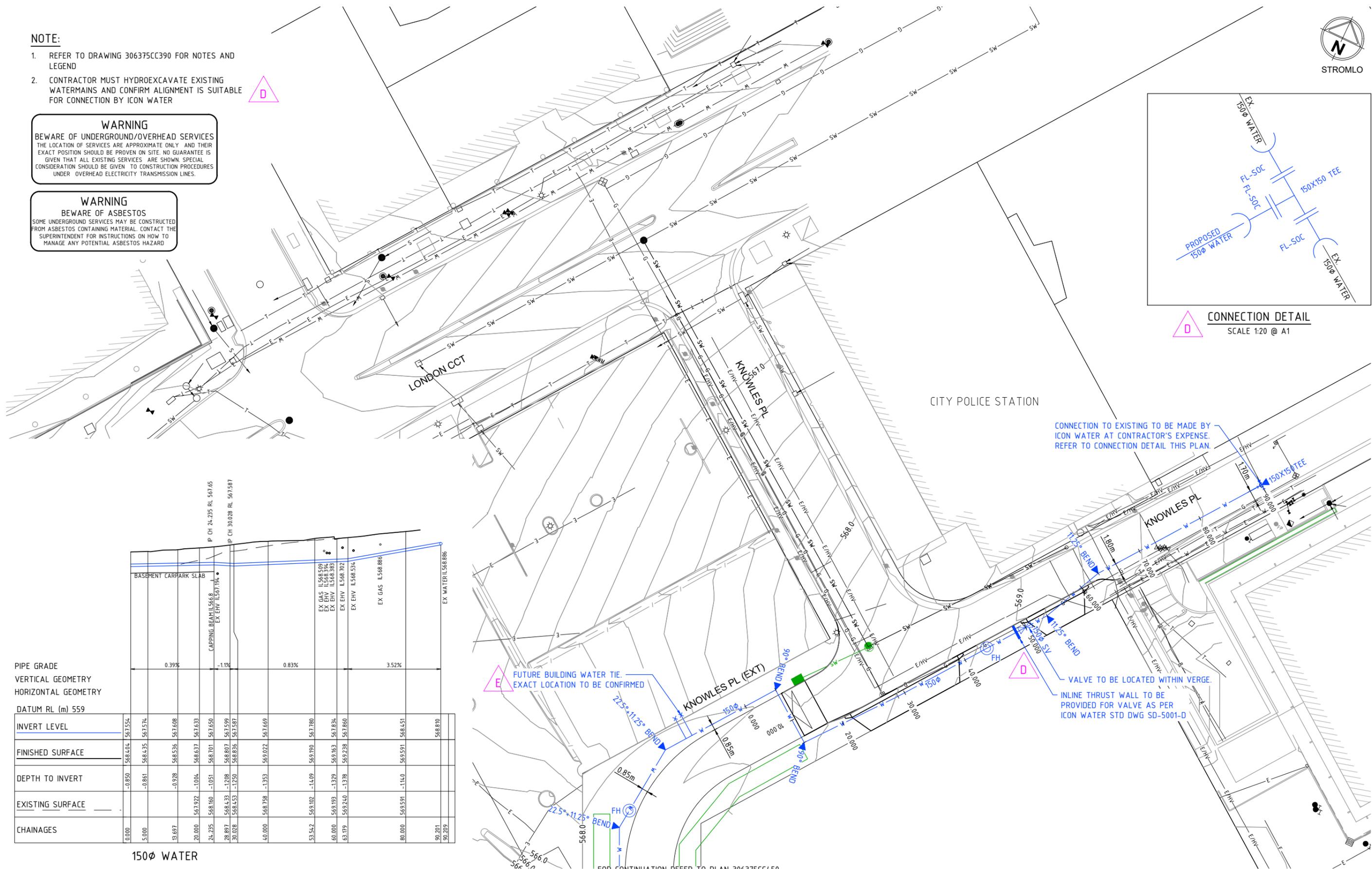
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
 THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

WARNING

BEWARE OF ASBESTOS
 SOME UNDERGROUND SERVICES MAY BE CONSTRUCTED FROM ASBESTOS CONTAINING MATERIAL. CONTACT THE SUPERINTENDENT FOR INSTRUCTIONS ON HOW TO MANAGE ANY POTENTIAL ASBESTOS HAZARD



CONNECTION DETAIL
 SCALE 1:20 @ A1

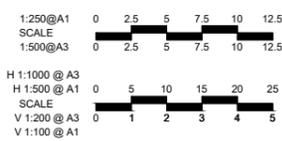


CHAINAGES	0.000	5.000	13.697	20.000	24.235	28.897	30.028	40.000	53.542	60.000	65.179	80.000	90.201	92.299
VERTICAL GEOMETRY														
HORIZONTAL GEOMETRY														
INVERT LEVEL	568.154	568.404	567.574	567.608	568.637	567.650	568.807	569.022	569.102	569.163	569.238	569.591	568.810	568.810
FINISHED SURFACE														
DEPTH TO INVERT	-0.850	-0.861	-0.928	-1.004	-1.051	-1.208	-1.250	-1.353	-1.409	-1.329	-1.378	-1.140		
EXISTING SURFACE														
PIPE GRADE	0.39%													

150Ø WATER

file name: 306375CC450.dwg, layout name: CC451, plotted by: Carl O'Ho, file location: \\spire.com.au\caddata\data\306375CC451.dwg, plot date: 02/07/2021 13:17 PM, Sheet 32 of 43 Sheets

Rev	Description	Approved	Date
E	BUILDING REVISION - PARKING ADJUSTED, TIES RELOCATED	LB	02-07-21
D	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
C	BUILDING REVISIONS - FITTINGS REVISED FOR DRIVEWAY CHANGES, TIES ADDED	LB	07-05-21
B	ICON WATER COMMENTS ADDRESSED - WATER LONG-SECTION ADDED	MB	09-02-21
A	ISSUED FOR APPROVAL	MB	01-12-20
Rev	Amendments	Approved	Date



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**SECTION 100 CANBERRA CITY
 STAGE 2 (KNOWLES PL EXTENSION)
 SEWER AND WATER PLAN**

TCCS
 MPG CONSTRUCTIONS

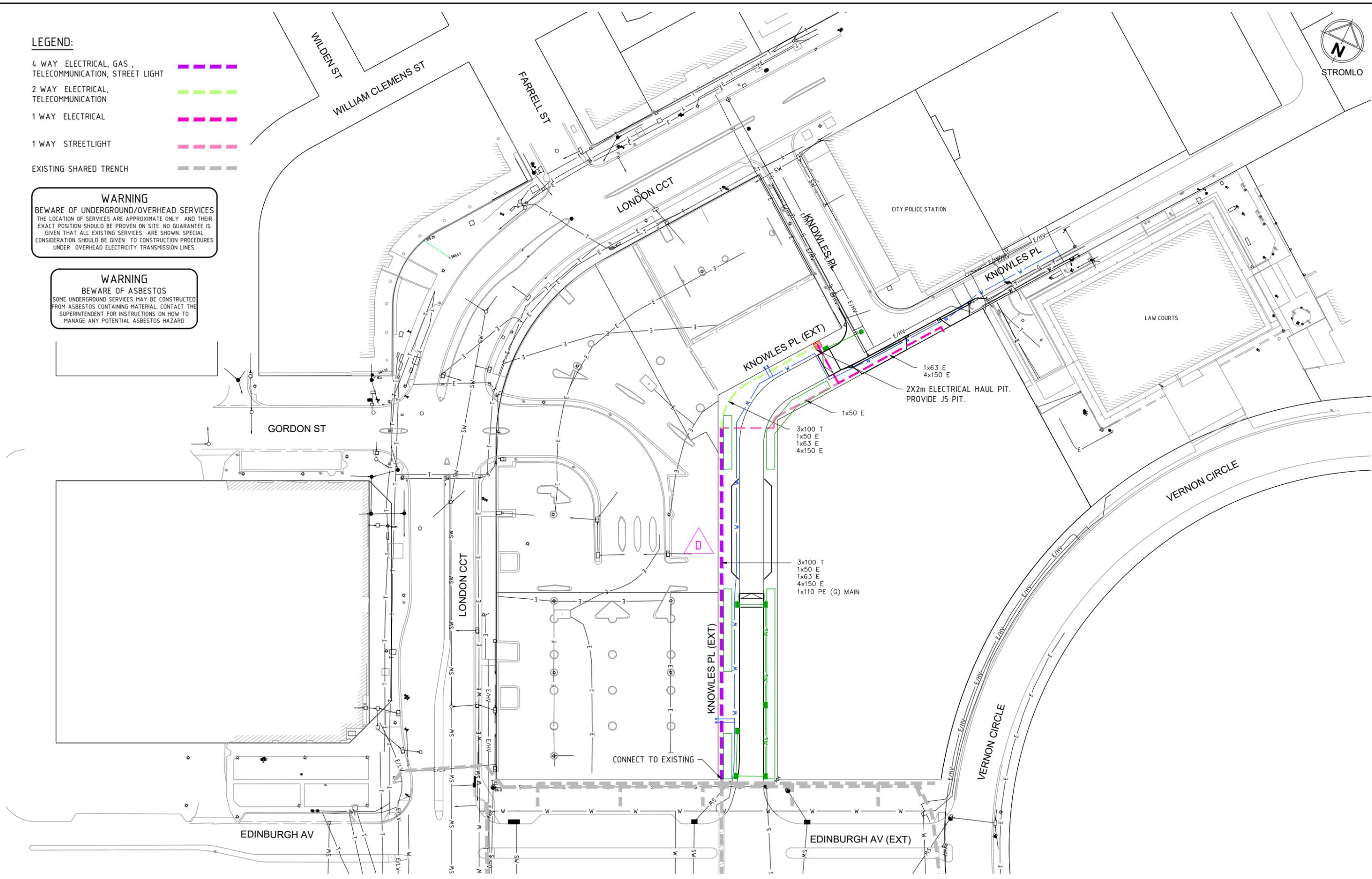
Drg No: **306375CC451** Rev: **E**

LEGEND:

- 4 WAY ELECTRICAL, GAS, TELECOMMUNICATION, STREET LIGHT ----
- 2 WAY ELECTRICAL, TELECOMMUNICATION ----
- 1 WAY ELECTRICAL ----
- 1 WAY STREETLIGHT ----
- EXISTING SHARED TRENCH ----

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WARNING
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Rev	Amendments	Approved	Date
D	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
C	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
B	BUILDING REVISIONS - DRIVEWAYS REMOVED, DRIVEWAYS ENLARGED		
A	ISSUED FOR APPROVAL	MB	01-12-20



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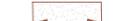
Designed: CO
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 Checked: LB
 Date: 01-12-20

**SECTION 100 CANBERRA CITY
 STAGE 2 (KNOWLES PL EXTENSION)
 TRENCH MANGEMENT PLAN**

TCCS
 MPG CONSTRUCTIONS

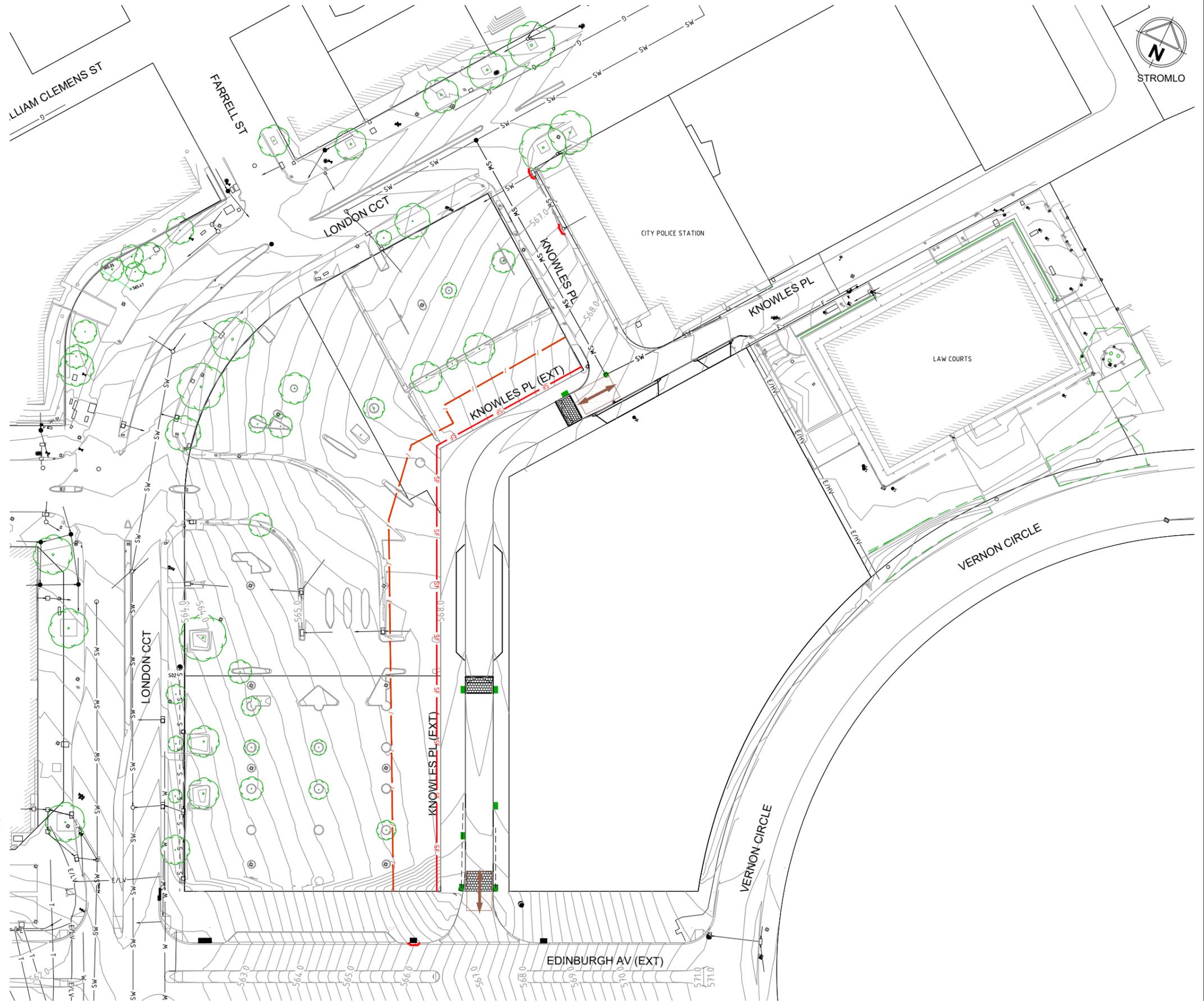
Drg No: **306375CC500** Rev: **D**

LEGEND:

- SILT FENCE 
- SUMP PROTECTION 
- STABILISED ENTRANCE 
- TEMPORARY PERIMETER SECURITY FENCE 

GENERAL NOTES

1. REFER TO CLAUSES 2.03 OF THE STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE WORKS.
2. THIS DRAWING TYPIFIES ONLY THE SEDIMENT AND EROSION CONTROL PRINCIPALS REQUIRED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, CONSTRUCT AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES TO COMPLY WITH THE REQUIREMENTS OF THE ENVIRONMENT PROTECTION AUTHORITY ACT 1997 AND THE "ENVIRONMENT PROTECTION GUIDELINES FOR CONSTRUCTION AND LAND DEVELOPMENT IN THE ACT". EPA 2011.
3. VARIATIONS TO BE APPROVED CONCEPTS AND PROPOSALS ARE TO BE ENDORSED BY ENVIRONMENTAL PROTECTION AUTHORITY PRIOR TO IMPLEMENTATION.
4. THE CONTRACTOR MUST ENTER INTO AN ENVIRONMENTAL PROTECTION AGREEMENT WITH THE ENVIRONMENT PROTECTION AUTHORITY BY CONTACTING ENVIRONMENT ACT ON 132281 PRIOR TO COMMENCEMENT OF WORK.
5. UPON THE COMPLETION OF ROAD SEALING SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT, THE ASSOCIATED GENERAL INLET PROTECTION SHALL BE REMOVED.
6. STOCKPILES TO BE LOCATED AWAY FROM DRAINAGE LINES AND SURFACE FLOW PATHS. CONTOURED STRIATIONS OR FURROWS TO BE PROVIDED TO STOCKPILES TO MINIMISE EROSION.
7. UNLESS OTHERWISE NOTED ELSEWHERE STABILISED CONSTRUCTION ENTRANCE TO BE CONSTRUCTED PRIOR TO ACCESS TO SITE BY CONSTRUCTION VEHICLES, AGGREGATE TO BE TURNED WHEN SEDIMENT BUILDS UP.
8. WHERE STORMWATER DRAINAGE IS INSTALLED TO INTERNAL ROADWORKS, PROVIDE KERBSIDE FILTER ROLL TO SUMP INLET.
9. CONTRACTOR IS TO ESTABLISH A MAINTENANCE PROGRAM FOR SEDIMENT AND EROSION CONTROL DEVICES TO ENSURE INSPECTION AFTER SIGNIFICANT RAINFALL AND THAT ANY REPAIRS NECESSARY ARE QUICKLY ATTENDED TO. ALL NEW CONSTRUCTION WORK MUST BE CONTAINED WITHIN THE SITE EXCEPT FOR APPROVED SERVICE CONNECTIONS AND ROADWORKS.
10. REGULARLY REMOVE ANY SOIL FROM ROADS ADJACENT TO THE SITE.
11. NO STORAGE OF CONSTRUCTION MATERIALS, PARKING OF VEHICLES NOR EQUIPMENT PERMITTED OUTSIDE OF BLOCKS WITHOUT TCCS APPROVAL.
12. NO SITE SHEDS, STORAGE SHEDS, SITE AMENITIES TO BE ERRECTED OUTSIDE OF BLOCKS WITHOUT TCCS APPROVAL.
13. PROVIDE KERBSIDE FILTER ROLL TO EXISTING SUMPS. KERBSIDE FILTER ROLLS TO BE REMOVED, CLEANED AND REINSTATED ON WEEKLY BASIS AT MINIMUM TRAPPED SEDIMENT AROUND SUMPS ALSO TO BE REMOVED. CLEANING TO BE TAKEN OUT IMMEDIATELY AFTER PERIODS OF RAINFALL DURING CONSTRUCTION.
14. ALL BUILDING MATERIAL AND WASTE STOCKPILES SHALL BE LOCATED WITHIN A WASTE ENCLOSURE OR WASTE CONTAINMENT AREA ON THE SITE.
15. A WATER CART OR SUFFICIENT WATER SPRAYS SHALL BE MADE AVAILABLE IN DRY AND WINDY CONDITIONS TO MAINTAIN DUST SUPPRESSION.
16. WATER SHALL BE APPLIED TO SUPPRESS DUST FROM OPEN EARTHWORKS AS WELL AS UNPROTECTED STOCKPILES.
17. ALL BUILDING MATERIAL AND WASTE STOCKPILES MUST BE LOCATED ON THE SITE.
18. THE WASTE ENCLOSURE IS TO BE USED AND IS TO BE CAPABLE OF HOLDING ALL WASTES ON THE SITE UNTIL THEY CAN BE DISPOSED OF IN AN APPROPRIATE MANNER.
19. ANY NOISE ACTIVITIES, WHICH INCLUDE MATERIAL DELIVERIES AND WORK SITE PREPARATION IS ONLY PERMITTED BETWEEN THE FOLLOWING HOURS:
7.00AM AND 6.00 PM MONDAY TO SATURDAY (EXCLUDING PUBLIC HOLIDAYS), AT ALL OTHER TIMES NOISE EMISSION MUST NOT EXCEED THE ZONE NOISE STANDARD.
20. IF SOIL IS TO BE REMOVED OR IMPORTED ON SITE, THE DETAILS OF THE ORIGIN OF THE SOIL IMPORTED OR THE LOCATION WHERE THE SOIL IS TO BE EXPORTED ARE TO BE PROVIDED TO EPA A MINIMUM OF 2 WEEKS IN ADVANCE OF THE WORK.



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Rev	Description	Approved	Date
C	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
B	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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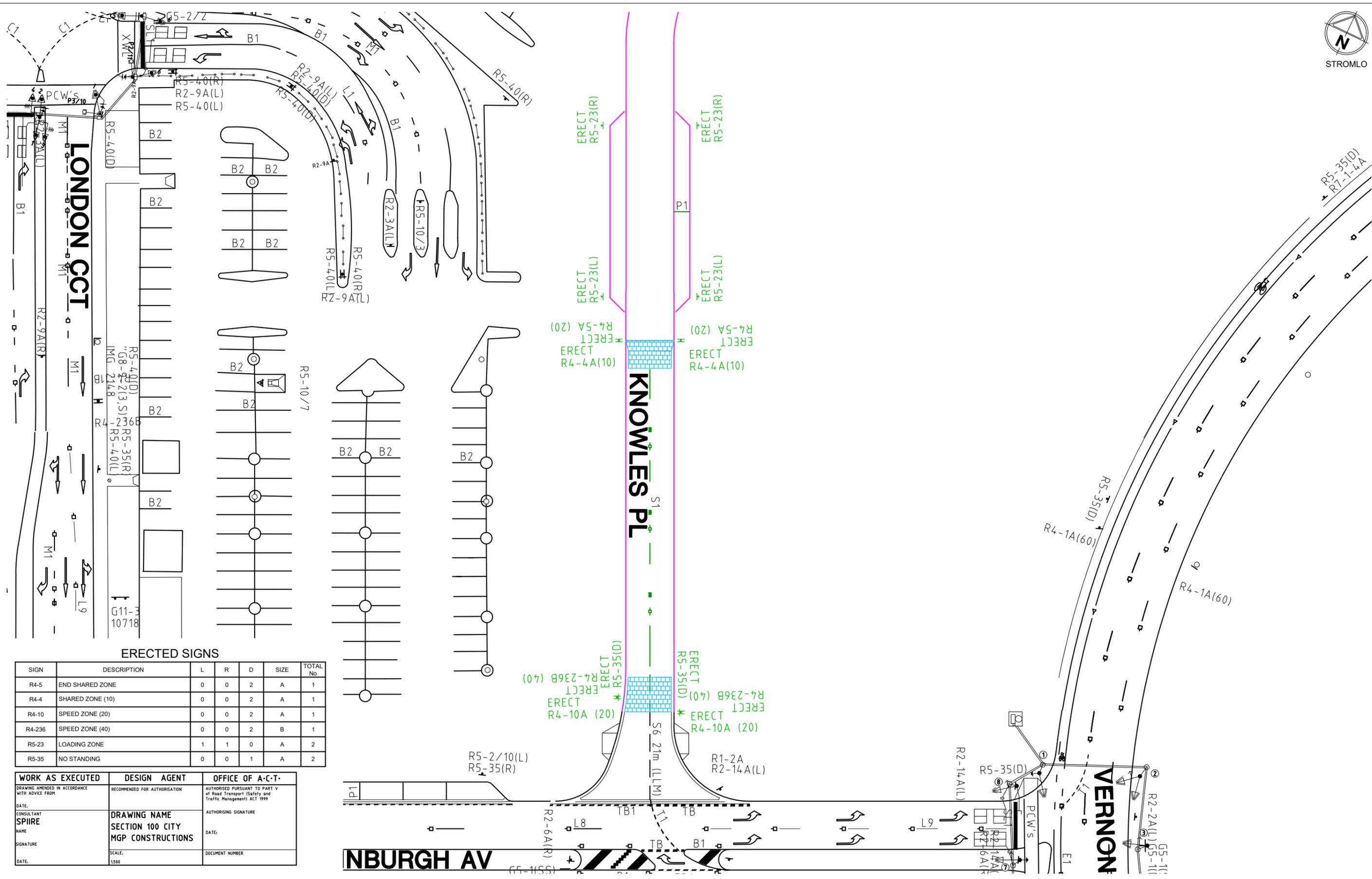


Designed CO	Checked LB
Authorised MB	Date 01-12-20

**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
ENVIRONMENTAL MANAGEMENT CONCEPT PLAN**

TCCS
MPG CONSTRUCTIONS

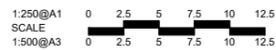
Drg No
306375CC520 Rev
C



ERECTED SIGNS

SIGN	DESCRIPTION	L	R	D	SIZE	TOTAL No
R4-5	END SHARED ZONE	0	0	2	A	1
R4-4	SHARED ZONE (10)	0	0	2	A	1
R4-10	SPEED ZONE (20)	0	0	2	A	1
R4-236	SPEED ZONE (40)	0	0	2	B	1
R5-23	LOADING ZONE	1	1	0	A	2
R5-35	NO STANDING	0	0	1	A	2

WORK AS EXECUTED	DESIGN AGENT	OFFICE OF A-C-T
DRAWING AMENDED IN ACCORDANCE WITH ADVICE FROM	RECOMMENDED FOR AUTHORISATION	AUTHORISED PURSUANT TO PART V of Road Transport (Safety and Traffic Management) ACT 1999
DATE:		
CONSULTANT SPIIRE	DRAWING NAME SECTION 100 CITY MGP CONSTRUCTIONS	AUTHORISING SIGNATURE
NAME		DATE:
SIGNATURE	SCALE: 1:500	DOCUMENT NUMBER
DATE:		



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**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
TRAFFIC CONTROL DEVICES PLAN**

TCCS
MGP CONSTRUCTIONS

Drg No
306375CC600
Rev
E

NOTES

1. ALL TEMPORARY TRAFFIC MANAGEMENT DEVICES ARE TO BE IN ACCORDANCE WITH AS 1742.3-2009.
2. ALL EXISTING SPEED RESTRICTION SIGNAGE WITHIN THE WORKSITE MUST BE COVERED WHEN THE TEMPORARY ROADWORK SPEED RESTRICTION ARE IN OPERATION.
3. ALL WORKERS SHALL WEAR HIGH VISIBILITY EXTERNAL CLOTHING IN ACCORDANCE WITH AS 1742.3.
4. ALL SIGNS AND DEVICES SHALL BE ERECTED WITHIN THE LINE OF SIGHT OF THE ROAD USER. THEY SHALL NOT BE OBSCURED BY VEGETATION OR PARKED VEHICLES AND SHALL BE POSITIONED WHERE THEY DO NOT BECOME A HAZARD TO PEDESTRIANS OR VEHICLES.
5. THE CONTRACTOR SHALL ASSESS ALL EXCAVATIONS WITHIN 4.5m OF A TRAFFICABLE LANE AND PROVIDE PROTECTION AND DELINEATION IN ACCORDANCE WITH AS 1742.3-2009.
6. WHERE EXISTING OR NEW TTM SIGNAGE (BY OTHERS) CONFLICTS WITH THE PROPOSED TTM DEVICES, THE CONTRACTOR SHALL LIAISE WITH ROADS ACT AND ADJUST THE TTM SIGNAGE AS REQUIRED TO ENSURE THE TTM DESIGN INTENT IS MET AND REMOVE THE CONFLICT.
7. OUT OF WORKING HOURS, PARAWEB OR APPROVED EQUAL CONTAINMENT FENCES SHALL BE ERECTED AROUND THE PERIMETER OF ALL EXCAVATIONS AND STOCKPILES.
8. ALL T1-5 (WORKMAN), R4-1(40) (SPEED RESTRICTION), AND T2-6-2 (LANE STATUS) SIGNS SHALL BE COVERED AND BOLLARDS MOVED ADJACENT TO THE EXISTING KERB AND ERECT T5-5 (CHEVRON) SIGN ON THE WORK APPROACH WHEN WORKERS ARE NOT ON SITE OR OUT OF WORKING HOURS.
9. A MINIMUM CLEAR LANE WIDTH OF 3.0m MINIMUM SHALL BE MAINTAINED AT ALL TIMES.
10. KNOWLES PLACE MUST REMAIN ONE WAY UNTIL OPERATIONAL ACCEPTANCE IS ACHIEVED FOR KNOWLES PLACE EXTENSION.



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Rev	Amendments	Approved	Date
C	BUILDING REVISION - PARKING ADJUSTED	LB	02-07-21
B	REISSUE - AMENDMENTS TO SUIT NEIGHBOURING BUILDING	LB	18-06-21
A	ISSUED FOR APPROVAL	MB	01-12-20



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**SECTION 100 CANBERRA CITY
STAGE 2 (KNOWLES PL EXTENSION)
CONCEPT TRAFFIC MANAGEMENT PLAN**

TCCS
MPG CONSTRUCTIONS

Drg No: **306375CC615** Rev: **C**