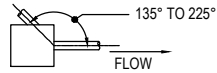




**GENERAL:**

- DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- DIMENSIONS SHOWN FOR PIPES REFER TO THE NOMINAL PIPE DIAMETER IN MILLIMETRES
- DIMENSIONS SHOWN FOR BOX CULVERTS REFER TO THE BOX CULVERT'S NOMINAL INTERNAL HEIGHT x SPAN IN MILLIMETRES
- STATIONS AND REDUCED LEVELS ARE IN METRES.
- REDUCED LEVELS ARE RELATED TO THE AUSTRALIAN HEIGHT DATUM.
- THE CO-ORDINATE SYSTEM USED IN ALL DRAWINGS IS THE CANBERRA MAP GRID (STROMLO).
- ALL LOCATIONS, ORIENTATION AND LEVELS SHALL BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK. DO NOT OBTAIN DIMENSIONS FROM SCALING. EXISTING SURFACE LEVELS ON THE DRAWINGS ARE INDICATIVE ONLY. REFER DISCREPANCIES TO THE PRINCIPAL AUTHORISED PERSON.
- THE DOCUMENTED DRAINAGE SYSTEM IS DETAILED ONLY FOR THE PERMANENT ROAD CONFIGURATION UNLESS NOTED OTHERWISE. CONSTRUCTION DRAINAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- PIPES THROUGH PITS ARE TO BE ALIGNED WITH THE UPSTREAM PIPE CENTRELINE TO THE OUTLET PIPE CENTRELINE AT DOWNSTREAM PIT FACE AS SHOWN:



- ANY PERMITS FOR DIVERSION WORKS REQUIRED DURING CONSTRUCTION SHALL BE OBTAINED PRIOR TO CONSTRUCTION WORKS.
- EXISTING STORMWATER DRAINAGE PIPES, PITS AND MANHOLES WITHIN THE LIMIT OF WORKS SHALL BE REMOVED OR MODIFIED AS SPECIFIED. ANY EXPOSED EXISTING REINFORCEMENT TO BE PROTECTED IN ACCORDANCE WITH REQUIREMENTS FOR NEW CONSTRUCTION.

**SERVICES:**

- ALL EXISTING SERVICE LOCATIONS SHOWN ON DRAWINGS ARE INDICATIVE ONLY AND ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING SERVICES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL SET OUT THE WORKS PRIOR TO EXCAVATION. WHERE A CONFLICT OR INCONSISTENCY BECOMES APPARENT THE CONTRACTOR SHALL NOTIFY THE PRINCIPAL AUTHORISED PERSON IMMEDIATELY.
- ALL DISTURBED SURFACES FOR TEMPORARY WORKS ARE TO BE RE-INSTATED TO ORIGINAL CONDITION, UNLESS NOTED OTHERWISE.
- ALL SERVICES TRENCHES IN EXISTING PAVEMENT OR IN AREAS WITHIN 1m OF THE UNDERSIDE OF PAVEMENT FORMATION WHERE NEW PAVEMENT IS TO BE CONSTRUCTED SHALL BE BACKFILLED WITH DGS20 COMPACTED TO 95% MMDD.
- LOCATION AND LEVEL OF ALL SERVICES CROSSINGS OF PROPOSED WORKS MUST BE CHECKED FOR CONFLICT WITH EXISTING SERVICES. ANY CONFLICTS TO BE RESOLVED WITH THE PRINCIPAL AUTHORISED PERSON.
- WORK BENEATH OVERHEAD AND OVER UNDERGROUND POWERLINES TO BE UNDERTAKEN WITH RELEVANT AUTHORITY REQUIREMENTS AND IN ACCORDANCE WITH THE "WORKING IN THE VICINITY OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES" CODE OF PRACTICE FROM WORKSAFE AUSTRALIA.

**SAFETY BARRIERS AND KERBS**

- NON-FRANGIBLE ROAD FURNITURE IS TO BE PLACED OUTSIDE THE CLEAR ZONE OR PROTECTED BY SAFETY BARRIER.
- STEEL WIRE ROPE SAFETY BARRIER SHALL BE SUITABLE FOR IMPACT FROM BOTH SIDES WHERE THE CLEAR MEDIAN WIDTH IS LESS THAN 12m.
- FOR STANDARD TYPE 'F' BARRIER AND 'SO' KERB SHAPES REFER RMS MODEL DRAWING R0300-01.
- FOR ALL OTHER STANDARD KERB SHAPES REFER TCCS STANDARD DRG No. DS3-01.
- FOR TYPE 'F' SS (SINGLE SIDED) BARRIER DETAILS REFER RMS MODEL DRAWING R0720-05.
- FOR TYPE 'F' SLOPED END TERMINAL REFER RMS MODEL DRAWING MD.R132.G04.B FOR PRE-CAST BARRIER REFER RMS MODEL DRAWING MD.R132.G06.A.1 FOR CAST IN-SITU INSTALLATIONS.
- FOR G4 GUARDRAIL MELT AND TT TERMINAL TYPES REFER RMS MODEL DRAWING MD.R132.G01.B AND MDR132.G03.A.2

**PAVEMENT NOTES:**

- PAVEMENT PROFILES ARE PROVIDED ON DRG 3002750-PV-1731.
- PAVEMENT INTERFACE JOINTS SHALL BE LOCATED OUTSIDE VEHICULAR WHEEL PATHS.
- THE NOMINATED THICKNESS OF A LAYER OF DENSE GRADED ASPHALT MUST BE WITHIN THE LIMITS SPECIFIED IN TCCS SPECIFICATION. LAYER THICKNESS SHOULD EXCEED THE MAXIMUM NOMINAL STONE SIZE BY AT LEAST 3.0 TIMES, BUT NO MORE THAN 5 TIMES. NOMINAL LAYER THICKNESS TO BE IN ACCORDANCE WITH TCCS SPECIFICATIONS

NOMINAL AGGREGATE SIZE (mm)	RECOMMENDED THICKNESS (mm)
7	20
10	30
14	45
20	75

- IF UNSUITABLE SUBGRADE MATERIALS IS ENCOUNTERED ONE OF THE FOLLOWING MEASURES ARE TO BE EMPLOYED, SUBJECT TO APPROVAL:

- DRAINAGE AND DRYING OF THE INSITU MATERIAL
- EXCAVATION AND REPLACEMENT OF SOFT MATERIAL WITH SELECT MATERIAL
- STABILISATION OF TOP 300mm SUBGRADE MATERIAL WITH QUICK LIME OR CEMENT
- PROVISION OF A WORKING PLATFORM OF CEMENT TREATED MATERIAL
- USE OF GEOTEXTILES
- ALL WORKS IN ACCORDANCE WITH RMS SPECIFICATION R44.

- THE AGGREGATE SPREAD RATE AND BINDER APPLICATION RATE FOR SPRAYED SEALS ARE SUBJECT TO APPROVAL BY PRINCIPAL AUTHORITY PERSON.
- QUICK DRY PRIME (QDP) TO BE CONSTRUCTED TO MANUFACTURERS SPECIFICATIONS
- PRIME, AMC00, AMC4 AND AMC7 TO BE CONSTRUCTED IN ACCORDANCE WITH RMS SPECIFICATION R106

**FENCING**

- WHERE PROPOSED FENCING OVERLAPS WITH EXISTING, THE EXISTING FENCE CAN BE RETAINED IF THE FENCE MEETS THE FOLLOWING CRITERIA:
  - PROVIDES CLEAR PHYSICAL BOUNDARY FOR PEOPLE.
  - PERFORMS INTENDED CATTLE PROOF FUNCTION.
- REMOVE ALL EXISTING FENCES WITHIN THE PERMANENT FENCE BOUNDARY UNLESS OTHERWISE STATED.
- CONSTRUCT GATES IN ACCORDANCE WITH STD DWG R0800-04.

**EROSION AND SEDIMENT CONTROL**

- ALL EROSION AND SEDIMENT CONTROLS ARE TO BE CONSTRUCTED ACCORDING TO THE BEST PRACTICE REQUIREMENTS OF "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION - BLUE BOOK" LANDCOM 4TH ED MARCH 2004 AND VOLUME 2 - MAIN ROAD CONSTRUCTION
- EXAMPLE EROSION AND SEDIMENT CONTROL MEASURES FOR CONSTRUCTION ARE PROVIDED. THESE ARE PRINCIPLE EXAMPLES FOR REFERENCE AND REQUIRE FURTHER DETAIL FOR CONSTRUCTION ACTIVITIES.
- PROGRESSIVE EROSION AND SEDIMENT CONTROL PLANS (PESCP'S) FOR ALL STAGES OF THE PROJECT ARE TO BE PREPARED AND IMPLEMENTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE PESCP'S SHOULD DETAIL CONTROLS SUCH AS SEDIMENT FENCES, DIVERSION DRAINS, DRAIN LINES, SAND BAGS AND GRAVEL BAGS.
- REDUCE THE AREA OF SOIL DISTURBANCE BY RETAINING VEGETATION, STAGING WORKS AND BY MINIMISING THE CONSTRUCTION FOOTPRINT.
- PROGRESSIVELY REVEGETATE OR STABILISE DISTURBED AREAS SUCH AS TEMPORARY TOPSOIL STOCKPILES, VERGES AND BATTERS.
- STOCKPILES ARE TO BE STABILISED IF LEFT FOR 2 WEEKS OR MORE.
- PRIOR TO ANY WORKS, INSTALL DIVERSION DRAINS, SEDIMENTATION PONDS AND OTHER SURFACE RUNOFF CONTROL MEASURES TO CONTROL RUNOFF ONTO, ACROSS AND FROM THE SITE; AND TO TRAP SEDIMENT.
- PROVIDE FOR RAINFALL EVENTS BY ENSURING THE FUNCTIONALITY AND CAPACITY OF EROSION AND SEDIMENT CONTROL, PROVIDING ADDITIONAL CONTROLS WHERE REQUIRED, STABILISING BARE GROUND AND TEMPORARY STOCKPILES AND AVOIDING GROUND DISTURBANCE.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROLS DAILY AND WITHIN 24 HOURS OF RAINFALL EVENTS.
- INTERCEPT OFFSITE SURFACE FLOW AND DIVERT OR ALLOW THROUGH CROSS DRAINAGE PIPES/CULVERTS WITHOUT MIXING WITH CONSTRUCTION RUNOFF.
- IN AREAS OF HIGH VELOCITY RUNOFF, REDUCE FLOW VELOCITIES USING APPROPRIATE MEASURES SUCH AS CHECK DAMS AND DIVERT TO STABLE LOCATIONS OR CONTROLS.
- ENSURE CONSTRUCTION RUNOFF DOES NOT DIRECTLY DISCHARGE FROM SITE. USE SEDIMENT CONTROLS TO FILTER RUNOFF BEFORE DISCHARGING.
- ALL OPEN DRAINAGE CHANNELS ARE TO BE LINED WITH MATERIAL SUCH AS GEO-FABRIC JUTE MESH OR SOIL STABILISING AGENT.
- CHECK DAMS ARE TO BE INSTALLED AT APPROPRIATE INTERVALS ALONG LINED DRAINAGE CHANNELS TO REDUCE EROSION POTENTIAL OF THE FLOW.
- ENSURE THAT THE SOIL AND WATER MANAGEMENT PLAN DESCRIBES THE MANAGEMENT OF TEMPORARY CONSTRUCTION PONDS, INCLUDING ACCEPTED WATER QUALITY PRACTICES AND STANDARDS SUCH AS FLOCCULATION AND SETTLING, TESTING FOR TSS, TURBIDITY, PH, OIL AND GREASE, DEWATERING AND DOCUMENTATION OF RESULTS.
- DURING ALL STAGES OF CONSTRUCTION. IN CATCHMENTS WHERE SEDIMENT PONDS ARE LOCATED, CONSTRUCTION RUNOFF IS TO BE DIVERTED TO SEDIMENT PONDS VIA DIVERSION DRAINS, TEMPORARY CATCH DRAINS, AND PERMANENT OR TEMPORARY DRAINAGE PIPES OR SIMILAR.
- LOCATION AND DESIGN OF SEDIMENT PONDS TO BE CONFIRMED ON SITE AND MODIFIED AS REQUIRED.

**EARTHWORKS NOTES**

- SOFT GROUND ENCOUNTERED IN ACCESS ROADS PLATFORMS SHALL BE STABILISED USING ROCKFILL/ EARTHFILL OR OTHER APPROVED TREATMENTS.
- TEMPORARY BATTER SLOPES SHALL NOT BE STEEPER THAN 1V:2H.
- IN ADDITION TO TEMPORARY SITE DRAINAGE THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING IF REQUIRED DURING REMOVAL AND REPLACEMENT OF INSITU MATERIAL.

**FOUNDATION AND EARTHWORKS NOTES**

- PRIOR TO THE PLACEMENT OF ANY FILL ALL FOUNDATIONS FOR EARTHWORKS SHALL BE INSPECTED AND APPROVED BY THE SITE GEOTECHNICAL REPRESENTATIVE.

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150  
140  
130  
120  
110  
100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
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REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
A	19.06.2020	PRELIMINARY SKETCH PLAN	0007	DK	DRAFTER	L. HESLOP
B	08.10.2020	PRELIMINARY SKETCH PLAN	0014	DK	DRAFTING CHECK	R. GOOSEN
C	13.11.2020	PRELIMINARY SKETCH PLAN	0015	DK	DESIGNER	B. LEJANO
D	27.05.2022	DETAIL OF DESIGN SHOWN ON PATH ALIGNMENT DRAWINGS	0	DK	DESIGN CHECK	T. MEADOWS
					PROJECT MANAGER	K. DECANHA
					PROJECT DIRECTOR	D. KEEP

DESIGNER	SCALES AT A1 SIZE DRAWING
<p>Member of the Sirtex Group</p> <p>ABN 47 065 475 149</p> <p>LEVEL 9, 12 MOORE STREET CANBERRA ACT 2601 AUSTRALIA SMEC PROJECT No 3002750</p>	

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DISCIPLINE	INITIAL	DATE
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SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	PSP	3002750-RD-0101	C.1

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PROJECT TITLE  
WILLIAM HOVELL DRIVE DUPLICATION  
GENERAL ARRANGEMENT NOTES

150 mm ON ORIGINAL  
A1

EXISTING	
	CADASTRAL BOUNDARY
	FENCE
	KERB / EDGE OF BITUMEN
	STORMWATER PIPE
	STORMWATER HEADWALL MANHOLE & PLANTATION SUMP
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	UNDERGROUND LOW VOLTAGE POWER LINE
	TELECOMMUNICATIONS ICON
	TELECOMMUNICATIONS NBN
	TELECOMMUNICATIONS NEXTGEN
	TELECOMMUNICATIONS OPTUS
	SHARED SERVICES TRENCH
	TELECOMMUNICATIONS TACT
	TELECOMMUNICATIONS TELSTRA
	HIGH PRESSURE GAS
	LOW PRESSURE GAS
	SEWER
	WATER
	UTILITY SERVICE PITS & STREETLIGHT
	TREE
	MAJOR CONTOUR AND LABEL
	MINOR CONTOUR
	UTILITIES EASEMENT
	ACCESS ROAD BY OTHERS
	DEEP CREEK ALIGNMENT
	BICENTENNIAL NATIONAL TRAIL
	UTILITIES LOCATION TO BE CONFIRMED
	132kV PROPOSED UTILITY BY OTHERS
	HERITAGE LISTED CEMETERY
	STREETLIGHT

LEGEND

PROPOSED WORKS	
	CONSTRUCTION BOUNDARY
	CONTROL LINE
	BARRIER KERB / BARRIER KERB & GUTTER
	MOUNTABLE KERB / MOUNTABLE KERB & GUTTER
	URBAN CONTROL ACCESS BOUNDARY FENCE
	STEEL WIRE ROPE SAFETY BARRIER (SWR) & ANCHOR
	W BEAM GUARD RAIL LEFT
	W BEAM GUARD RAIL RIGHT
	F TYPE CONCRETE BARRIER
	RETAINING WALL
	FENCE
	MAJOR CONTOUR AND LABEL
	MINOR CONTOUR
	PAVEMENT EXTENTS
	SIGNS

PROPOSED UTILITIES

	ITS CONDUIT
	TELECOMMUNICATIONS
	TELECOMMUNICATIONS NBN
	TELECOMMUNICATIONS TELSTRA
	TELECOMMUNICATIONS TPG
	ELECTRICITY LOW VOLTAGE UNDERGROUND
	Ø100 WATERMAIN
	Ø150 WATERMAIN
	Ø600 WATERMAIN
	Ø675 WATERMAIN
	Ø900 WATERMAIN
	PIPE DIAMETER, PIPE AND FLOW DIRECTION
	VEGETATED CATCH DRAIN (TYPE A U.N.O.)
	CONCRETE CHANNEL
	CONCRETE VEE DRAIN
	ACT TYPE R SUMP (SINGLE / DOUBLE)
	ACT PLANTATION SUMP (SINGLE / DOUBLE)
	ACT 1050ND MANHOLE
	CULVERT HEADWALL, HEADWALL WITH ROCK MATTRESS, HEADWALL WITH CONCRETE APRON

NOTE:  
REFER PACKAGE 07 FOR DRAINAGE  
REFER PACKAGE 08 FOR WATER AND SEWER  
REFER PACKAGE 09 FOR TELECOMMUNICATIONS, ITS & ELECTRICAL

INFRASTRUCTURE & CABLES

	PEDESTAL
	COMBINED USE
	MAST ARM
	CONDUIT

NOTE:  
REFER PACKAGE 15 FOR TCD & TCCS

STREETLIGHTING (BY OTHERS)

	STREETLIGHT
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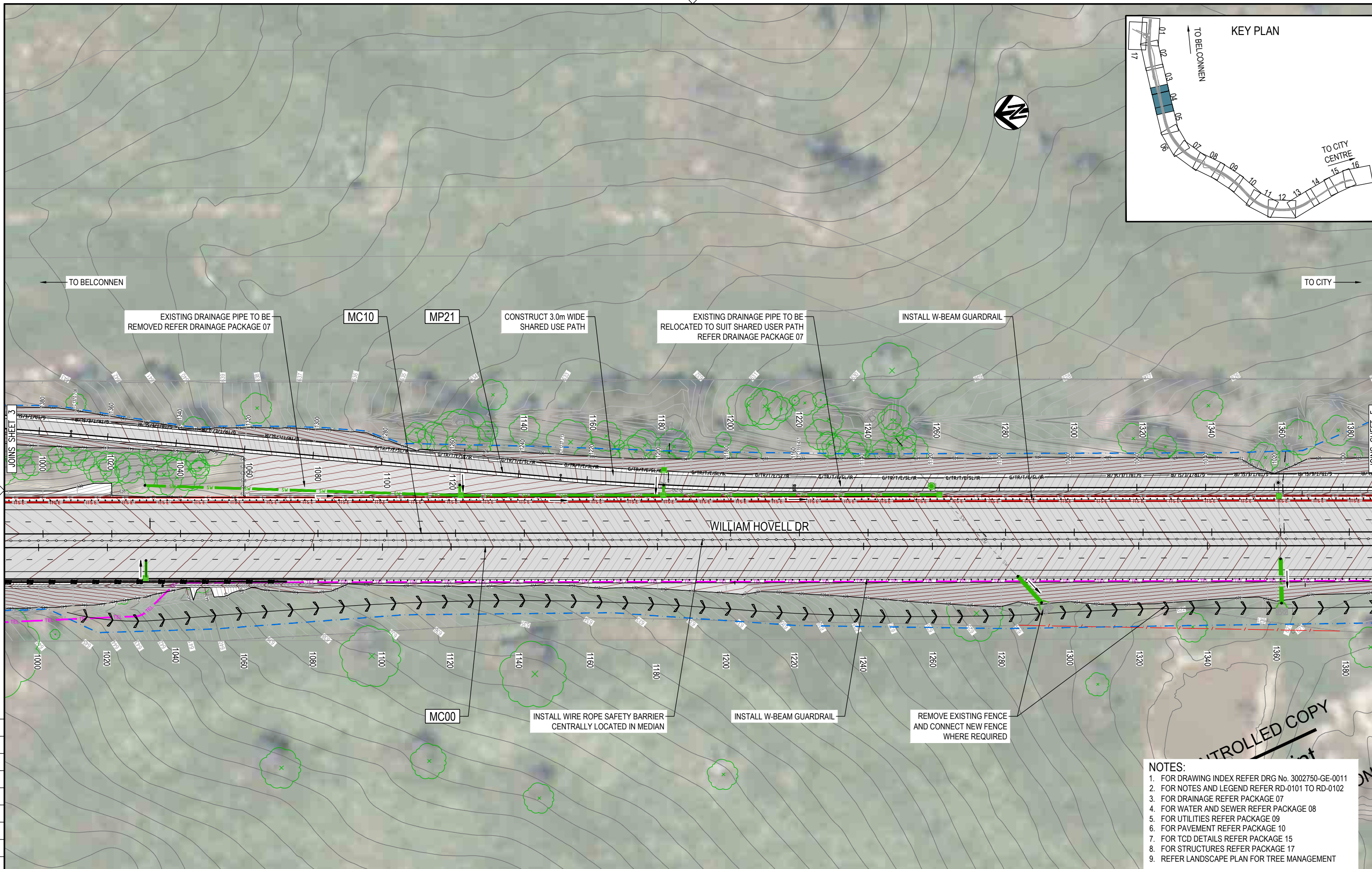
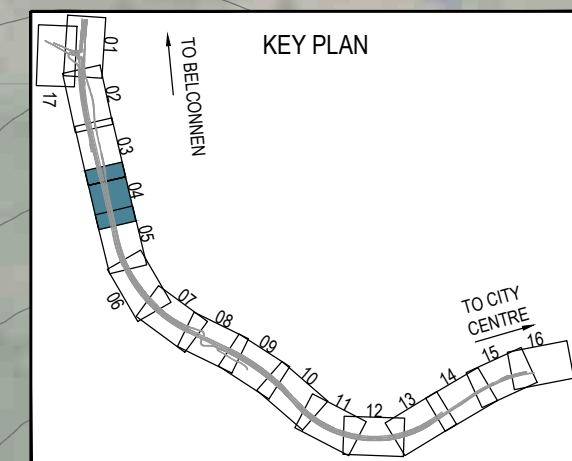
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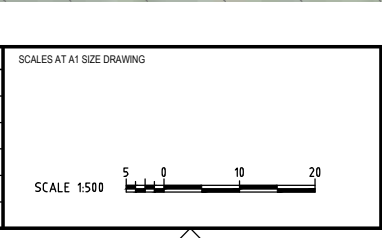


- NOTES:**
1. FOR DRAWING INDEX REFER DRG No. 3002750-GE-0011
  2. FOR NOTES AND LEGEND REFER RD-0101 TO RD-0102
  3. FOR DRAINAGE REFER PACKAGE 07
  4. FOR WATER AND SEWER REFER PACKAGE 08
  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

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B	08.10.2020	PRELIMINARY SKETCH PLAN	0014
C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION	0015
D	27.05.2022	DETAIL FOR DESIGN SHARED USE PATH ALIGNMENT & WINGS	0

APPROVAL	TITLE	NAME
DK	DRAFTER	L. HESLOP
DK	DRAFTING CHECK	R. GOOSEN
DK	DESIGNER	B. LEJANO
DK	DESIGN CHECK	T. MEADOWS
	PROJECT MANAGER	K. DECANHA
	PROJECT DIRECTOR	D. KEEP



DESIGNER

Member of the Stantec Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

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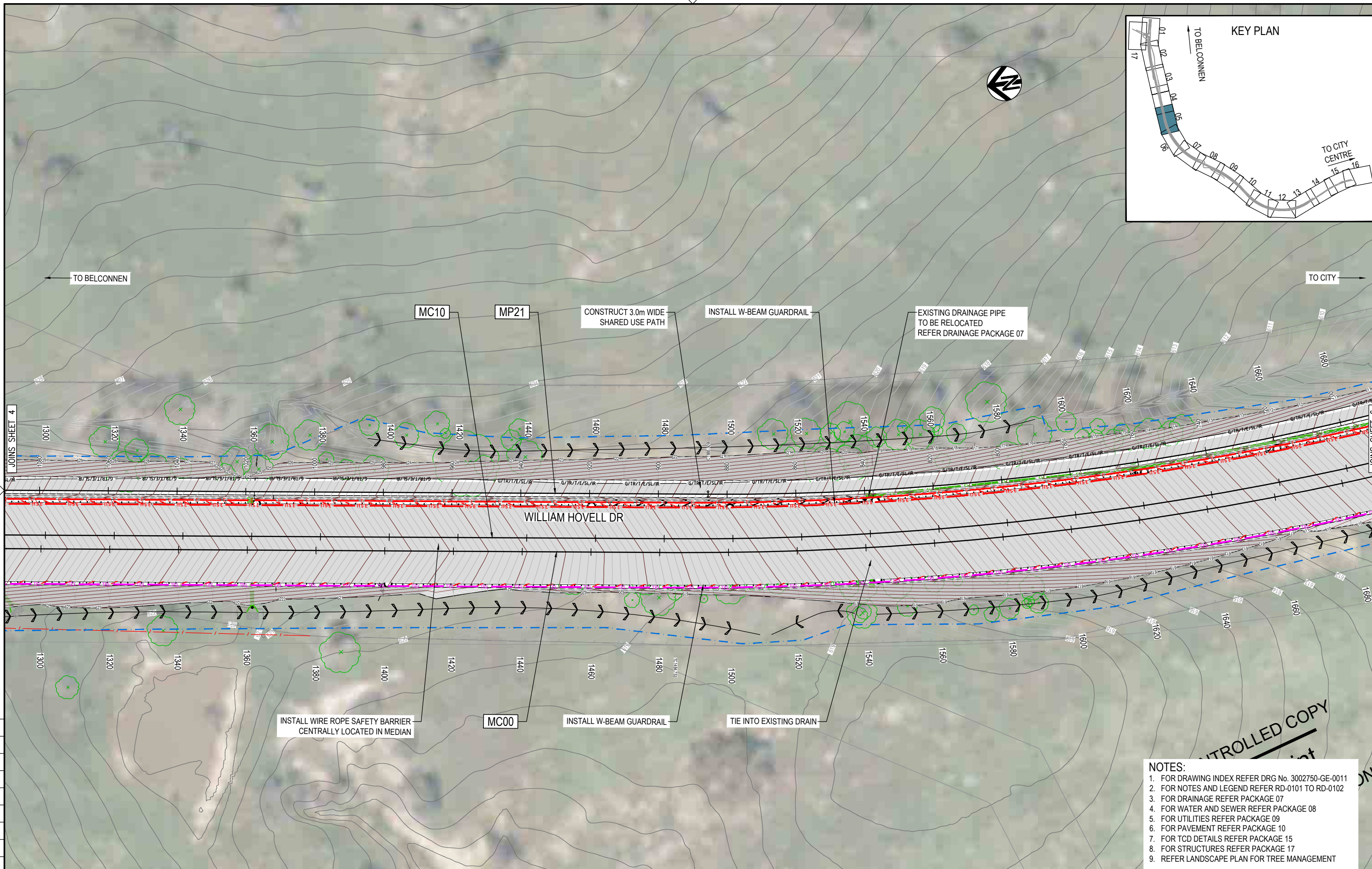
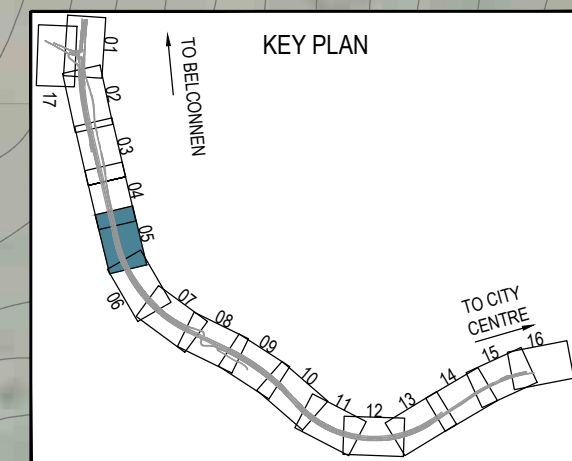
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PROJECT TITLE WILLIAM HOVELL DRIVE DUPLICATION		SCALE AS SHOWN	PHASE PSP	PROJECT / DRAWING No. 3002750-RD-0113	REVISION C.1
<b>GENERAL ARRANGEMENT PLAN SHEET 4</b>					

REVISION  
IN PROGRESS

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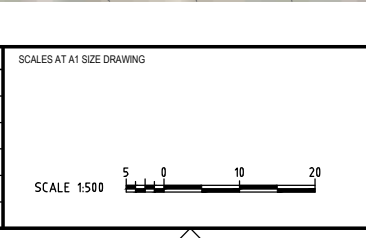
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150 mm ON ORIGINAL

REV	DATE	AMENDMENT / REVISION DESCRIPTION
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B	08.10.2020	PRELIMINARY SKETCH PLAN
C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION
D	27.05.2022	DETAIL FOR DESIGN STAKEHOLDERS WITH ALIGNMENT CHANGES

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
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DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3002750\CAD\DWG\03_RD_General_Arrangement\3002750-RD-0114.dwg	SCALE AT A1 SIZE DRAWING
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DESIGNER **SMEC**  
Member of the Stantec Group  
ABN 47 065 475 149  
LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

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DISCIPLINE	<input type="checkbox"/>	<input type="checkbox"/>
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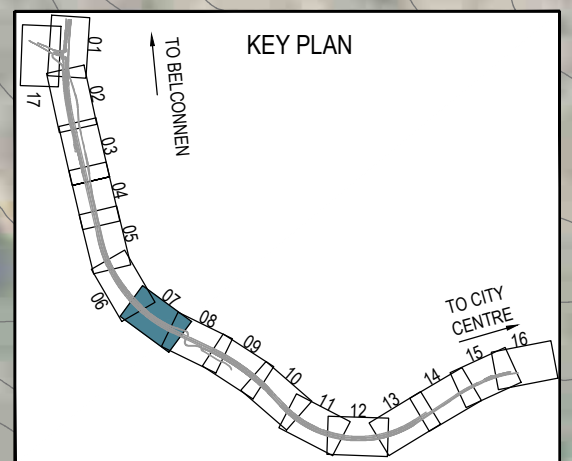
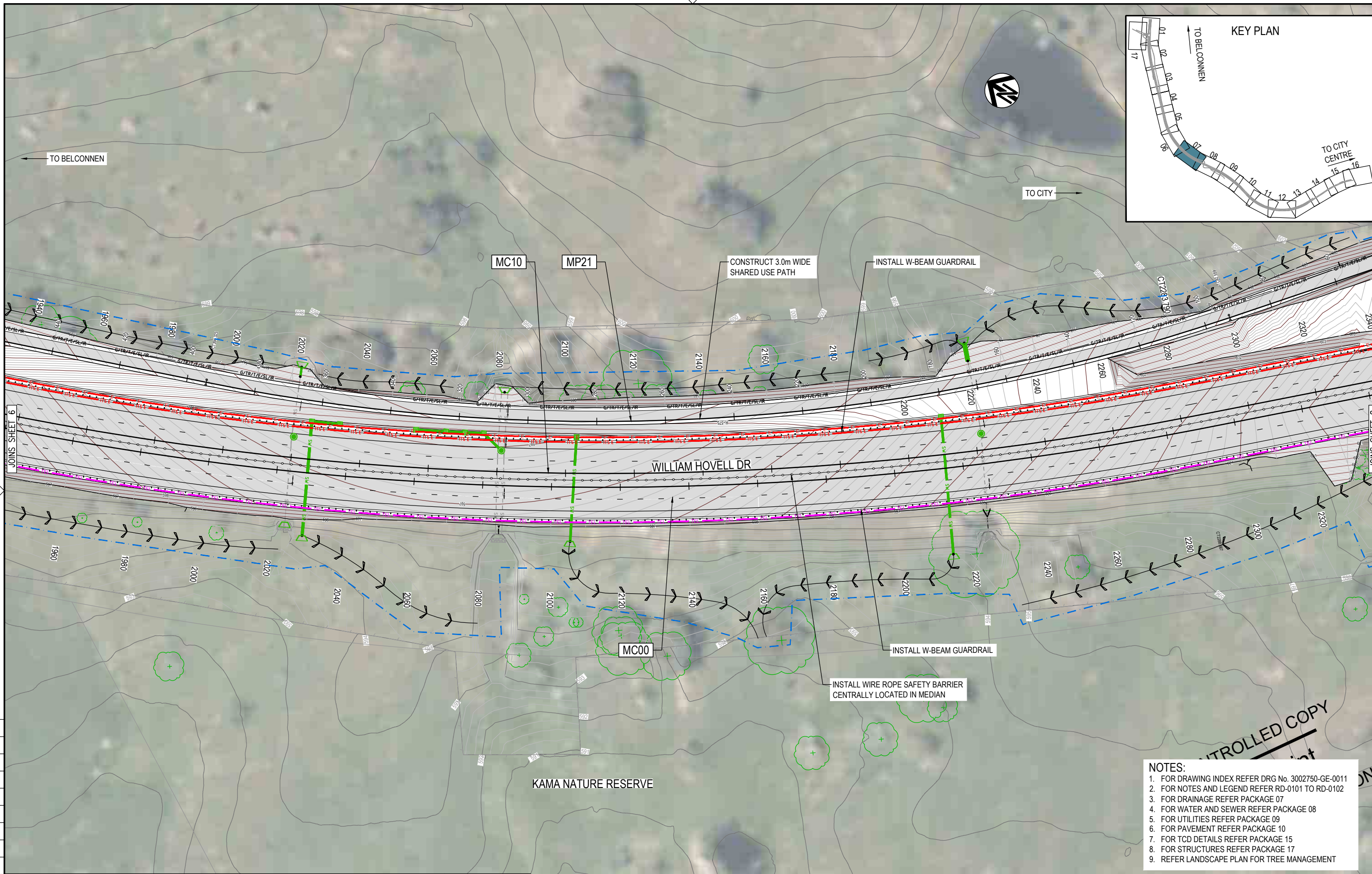
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GENERAL ARRANGEMENT PLAN SHEET 5		SCALE AS SHOWN	PHASE PSP

REVISION IN PROGRESS

CONTROLLED COPY

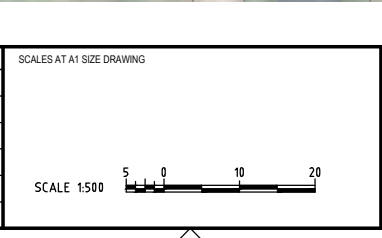
**DR**





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	B	08.10.2020	PRELIMINARY SKETCH PLAN
	C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION
	D	27.05.2022	DETAIL FOR DESIGN SHARED USE PATH ALIGNMENT CHANGES

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
0015	DK	DESIGNER	B. LEJANO
0	DK	DESIGN CHECK	T. MEADOWS
		PROJECT MANAGER	K. DECANHA
		PROJECT DIRECTOR	D. KEEP



DESIGNER

Member of the Stantec Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

DR

CHECK PRINT		PRELIM <input type="checkbox"/>	FINAL <input type="checkbox"/>
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DISCIPLINE			
DISCIPLINE			
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DISCIPLINE			
BACKDRAFTED/CORRECTED			
CONFIRMED			

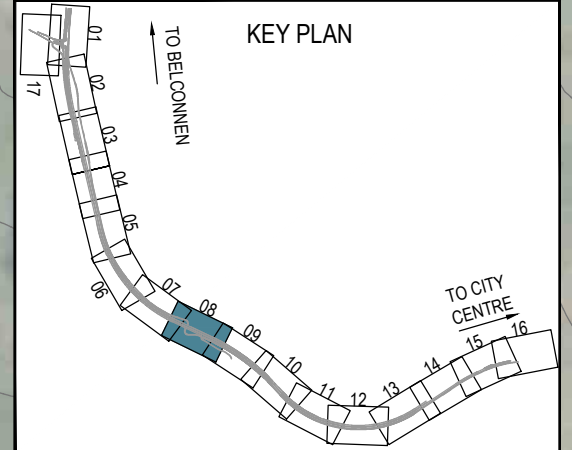
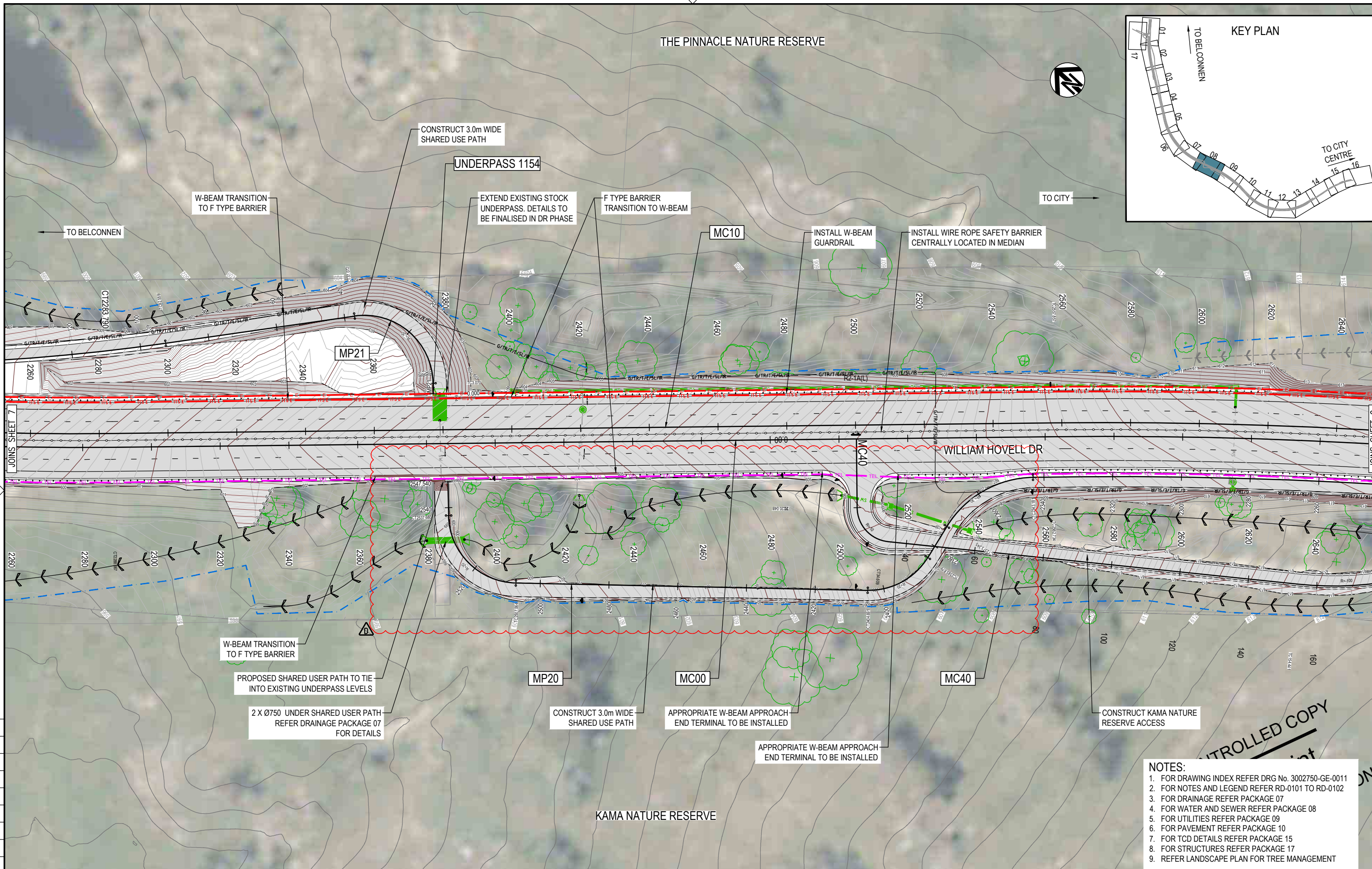
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GENERAL ARRANGEMENT PLAN SHEET 7		SCALE AS SHOWN	PHASE PSP
PROJECT / DRAWING No. 3002750-RD-0116		PROJECT TITLE WILLIAM HOVELL DRIVE DUPLICATION	

- NOTES:
- FOR DRAWING INDEX REFER DRG No. 3002750-GE-0011
  - FOR NOTES AND LEGEND REFER RD-0101 TO RD-0102
  - FOR DRAINAGE REFER PACKAGE 07
  - FOR WATER AND SEWER REFER PACKAGE 08
  - FOR UTILITIES REFER PACKAGE 09
  - FOR PAVEMENT REFER PACKAGE 10
  - FOR TCD DETAILS REFER PACKAGE 15
  - FOR STRUCTURES REFER PACKAGE 17
  - REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

150 mm ON ORIGINAL

REVISION  
IN PROGRESS

CONTROLLED COPY



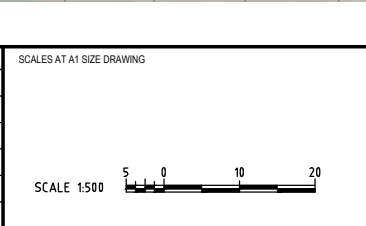
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  2. FOR NOTES AND LEGEND REFER RD-0101 TO RD-0102
  3. FOR DRAINAGE REFER PACKAGE 07
  4. FOR WATER AND SEWER REFER PACKAGE 08
  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

150 mm ON ORIGINAL

REV	DATE	AMENDMENT / REVISION DESCRIPTION
A	19.06.2020	PRELIMINARY SKETCH PLAN
B	08.10.2020	PRELIMINARY SKETCH PLAN
C	13.11.2020	PRELIMINARY SKETCH PLAN
D	27.05.2022	DETAIL DESIGN SHARED PATH ALIGNMENT CHANGES

REVISION IN PROGRESS

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
0015	DK	DESIGNER	B. LEJANO
		DESIGN CHECK	T. MEADOWS
		PROJECT MANAGER	K. DECANHA
		PROJECT DIRECTOR	D. KEEP



DESIGNER

Member of the Sirtop Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

CHECK PRINT		PRELIM	FINAL
		INITIAL	DATE
DISCIPLINE			
DISCIPLINE			
DISCIPLINE			
DISCIPLINE			
BACKDRAFTED/CORRECTED			
CONFIRMED			

PROJECT TITLE: WILLIAM HOVELL DRIVE DUPLICATION

GENERAL ARRANGEMENT PLAN

SHEET 8

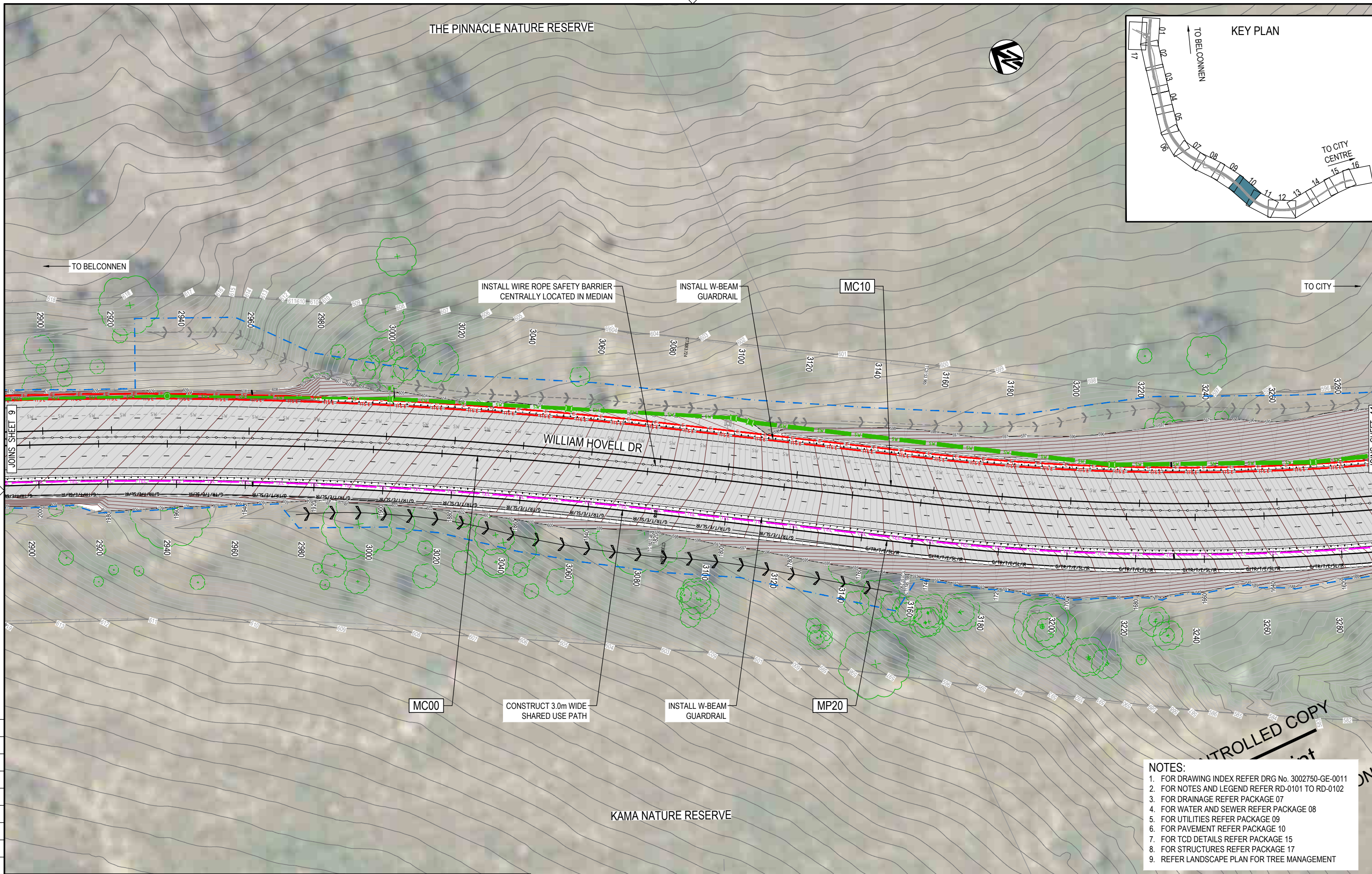
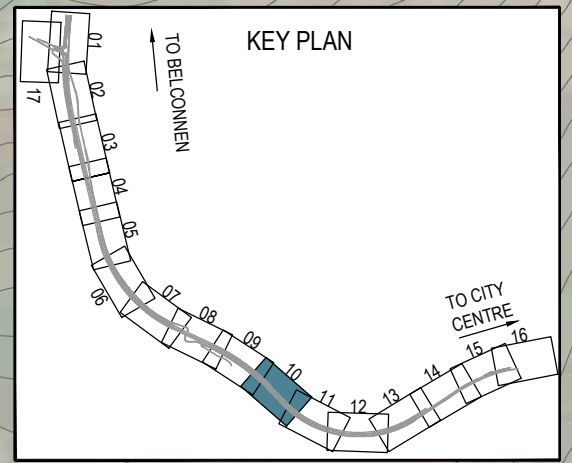
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CONTROLLED COPY

DR



THE PINNACLE NATURE RESERVE



KAMA NATURE RESERVE

- NOTES:**
1. FOR DRAWING INDEX REFER DRG No. 3002750-GE-0011
  2. FOR NOTES AND LEGEND REFER RD-0101 TO RD-0102
  3. FOR DRAINAGE REFER PACKAGE 07
  4. FOR WATER AND SEWER REFER PACKAGE 08
  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

150 mm ON ORIGINAL  
A1

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		B	08.10.2020	PRELIMINARY SKETCH PLAN	0014	DK	DRAFTING CHECK	R. GOOSEN
		C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION	0015	DK	DESIGNER	B. LEJANO
		D	27.05.2022	DETAIL DESIGN - SHARED USE PATH ALIGNMENT & FINISHES	0	DK	DESIGN CHECK	T. MEADOWS
							PROJECT MANAGER	K. DECANHA
							PROJECT DIRECTOR	D. KEEP

**REVISION IN PROGRESS**

EXTERNAL REFERENCE FILES	SCALE AT A1 SIZE DRAWING
<ul style="list-style-type: none"> <li>X:\WD_BORRY</li> <li>X:\WD_CONTR</li> <li>X:\WD_DES</li> <li>X:\WD_DES_CAD</li> <li>X:\WD_DES_CTRL</li> <li>X:\WD_DES_CTRL_500</li> <li>X:\WD_SURV</li> <li>X:\WD_SURV_500</li> <li>X:\WD_UTIL</li> <li>X:\WD_UTIL_500</li> <li>X:\WD_SHT_TXT_GA</li> <li>X:\WD_SHT_TXT_GA_500</li> <li>X:\WD_SW_EX</li> <li>X:\WD_SW_EX_500</li> <li>X:\WD_AERIAL_500</li> </ul>	SCALES AT A1 SIZE DRAWING SCALE 1:500

DESIGNER **SMEC**  
 Member of the Stantec Group  
 ABN 47 065 475 149  
 LEVEL 9, 12 MOORE STREET  
 CANBERRA ACT 2601 AUSTRALIA  
 SMEC PROJECT No 3002750

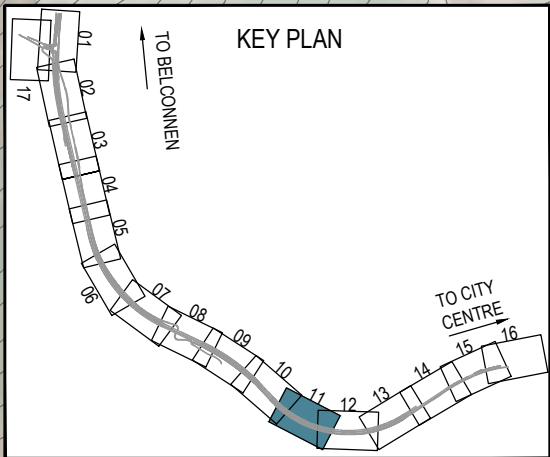
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BACKDRAFTED/CORRECTED			
CONFIRMED			

PROJECT TITLE	WILLIAM HOVELL DRIVE DUPLICATION
<b>GENERAL ARRANGEMENT PLAN SHEET 10</b>	
SCALE	AS SHOWN
PHASE	PSP
PROJECT / DRAWING No.	3002750-RD-0119
REVISION	C.1

DR

CONTROLLED COPY

THE PINNACLE NATURE RESERVE



INSTALL WIRE ROPE SAFETY BARRIER  
CENTRALLY LOCATED IN MEDIAN

MC10

WILLIAM HOVELL DR

CONSTRUCT 3.0m WIDE  
SHARED USER PATH

MP20

MC00



- NOTES:**
1. FOR DRAWING INDEX REFER DRG No. 3002750-GE-0011
  2. FOR NOTES AND LEGEND REFER RD-0101 TO RD-0102
  3. FOR DRAINAGE REFER PACKAGE 07
  4. FOR WATER AND SEWER REFER PACKAGE 08
  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

CONTROLLED COPY

150 mm ON ORIGINAL

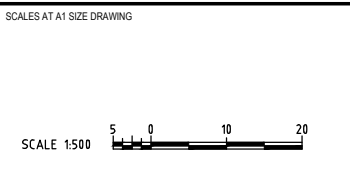
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PLOT DATE 27 May 2022 TIME 09:39:31

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	B	08.10.2020	PRELIMINARY SKETCH PLAN
	C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION
	D	27.05.2022	DETAIL DESIGN SHARED USER PATH ALIGNMENT CHANGES

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
0015	DK	DESIGNER	B. LEJANO
		DESIGN CHECK	T. MEADOWS
		PROJECT MANAGER	K. DECANHA
		PROJECT DIRECTOR	D. KEEP

**REVISION  
IN PROGRESS**



DESIGNER

Member of the Stantec Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

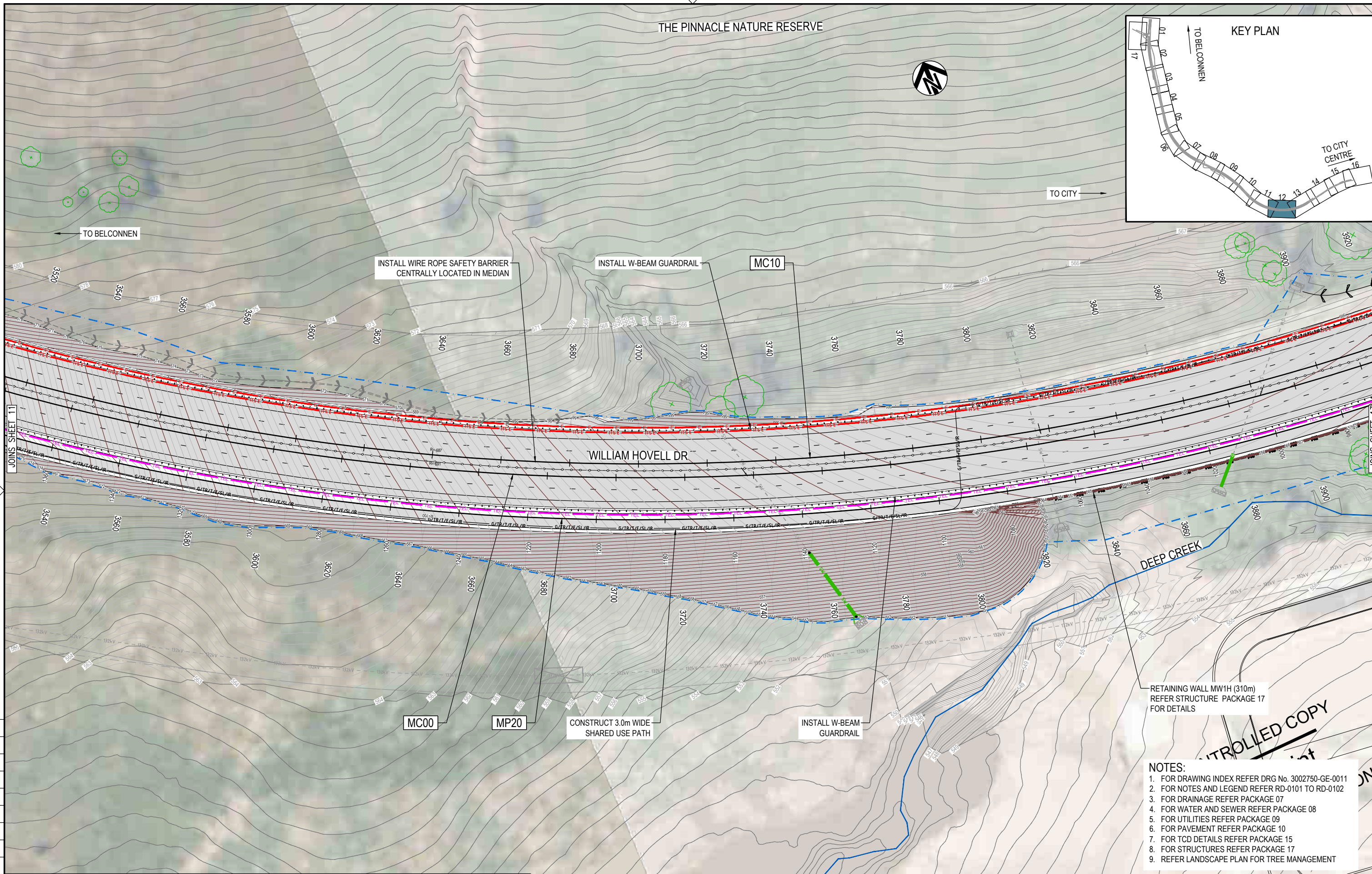
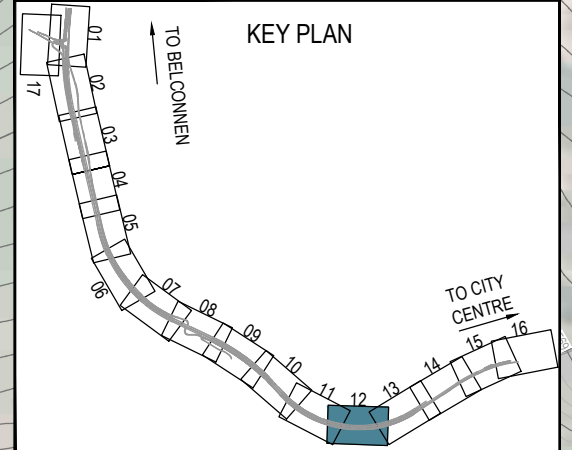
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PROJECT TITLE		WILLIAM HOVELL DRIVE DUPLICATION	
GENERAL ARRANGEMENT PLAN		SHEET 11	
SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	PSP	3002750-RD-0120	C.1

DR

THE PINNACLE NATURE RESERVE



RETAINING WALL MW1H (310m)  
REFER STRUCTURE PACKAGE 17  
FOR DETAILS

- NOTES:
1. FOR DRAWING INDEX REFER DRG No. 3002750-GE-0011
  2. FOR NOTES AND LEGEND REFER RD-0101 TO RD-0102
  3. FOR DRAINAGE REFER PACKAGE 07
  4. FOR WATER AND SEWER REFER PACKAGE 08
  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

150 mm ON ORIGINAL

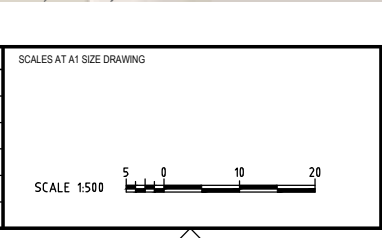
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B	08.10.2020	PRELIMINARY SKETCH PLAN
C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION
D	27.05.2022	DETAIL FOR DESIGN SIGNATURE PATH ALIGNMENT 2.0000'S

EXTERNAL REFERENCE FILES

**REVISION IN PROGRESS**

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
0015	DK	DESIGNER	B. LEJANO
	DK	DESIGN CHECK	T. MEADOWS
		PROJECT MANAGER	K. DECANHA
		PROJECT DIRECTOR	D. KEEP



DESIGNER

Member of the Stantec Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

CHECK PRINT

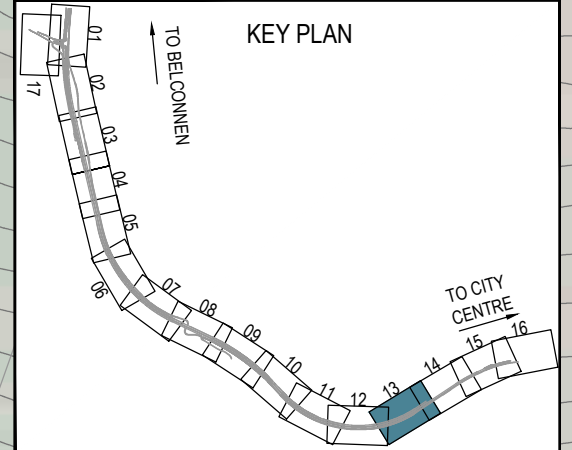
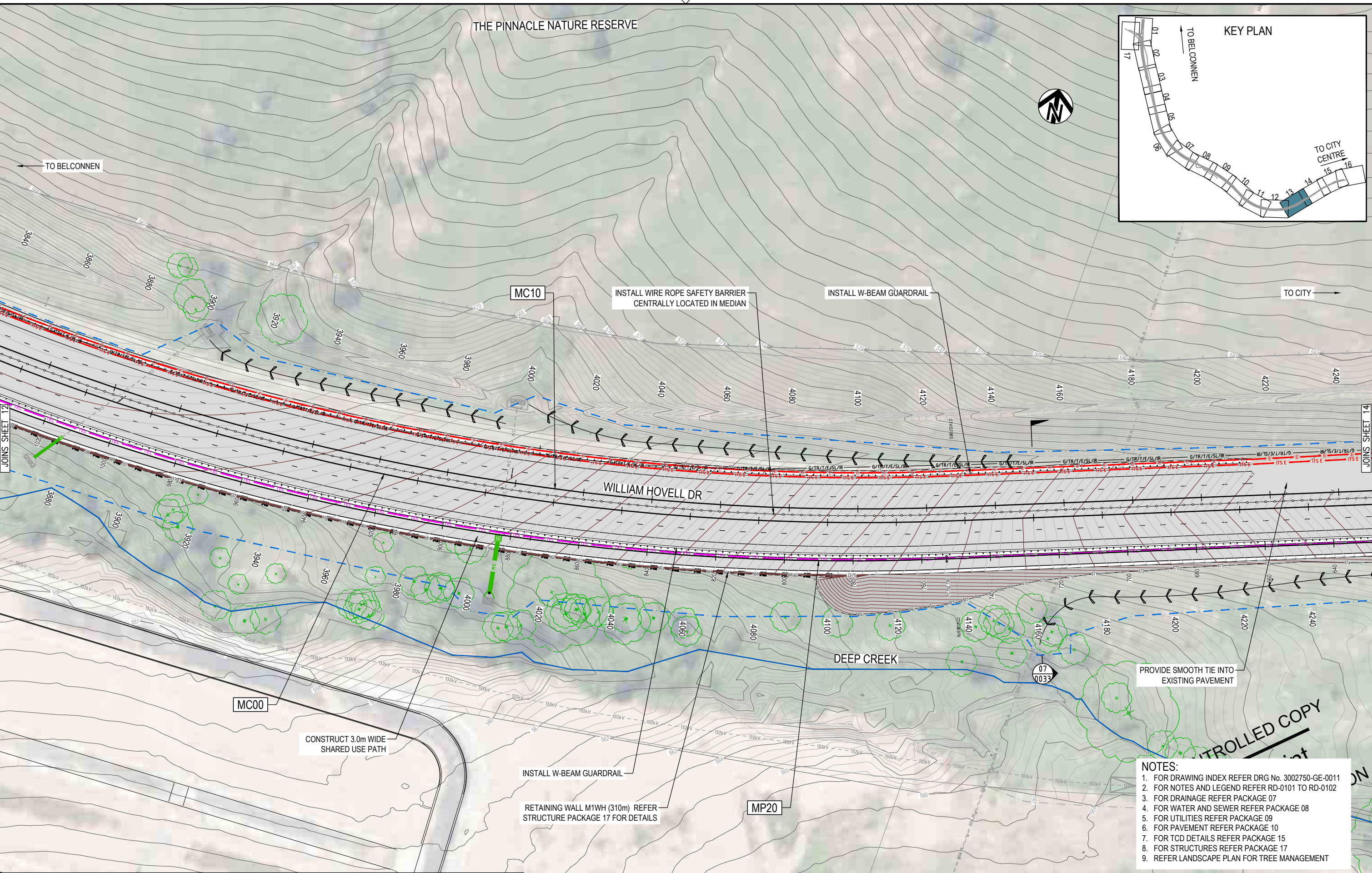
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BACKDRAFTED/CORRECTED		
CONFIRMED		

PROJECT TITLE

WILLIAMHOVELL DRIVE DUPLICATION

GENERAL ARRANGEMENT PLAN  
SHEET 12

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	PSP	3002750-RD-0121	C.1



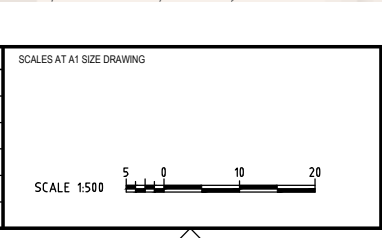
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  3. FOR DRAINAGE REFER PACKAGE 07
  4. FOR WATER AND SEWER REFER PACKAGE 08
  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

150 mm ON ORIGINAL

150  
140  
130  
120  
110  
100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
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V:\_Vault\Projects\3002750\CAD\DWG\03_RD_General_Arrangement\3002750-RD-0122.dwg		D	27.05.2022	DETAIL DESIGN (SHARED USE PATH ALIGNMENT & FINISHES)

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
0015	DK	DESIGNER	B. LEJANO
0	DK	DESIGN CHECK	T. MEADOWS
		PROJECT MANAGER	K. DECANHA
		PROJECT DIRECTOR	D. KEEP



DESIGNER

Member of the Stantec Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

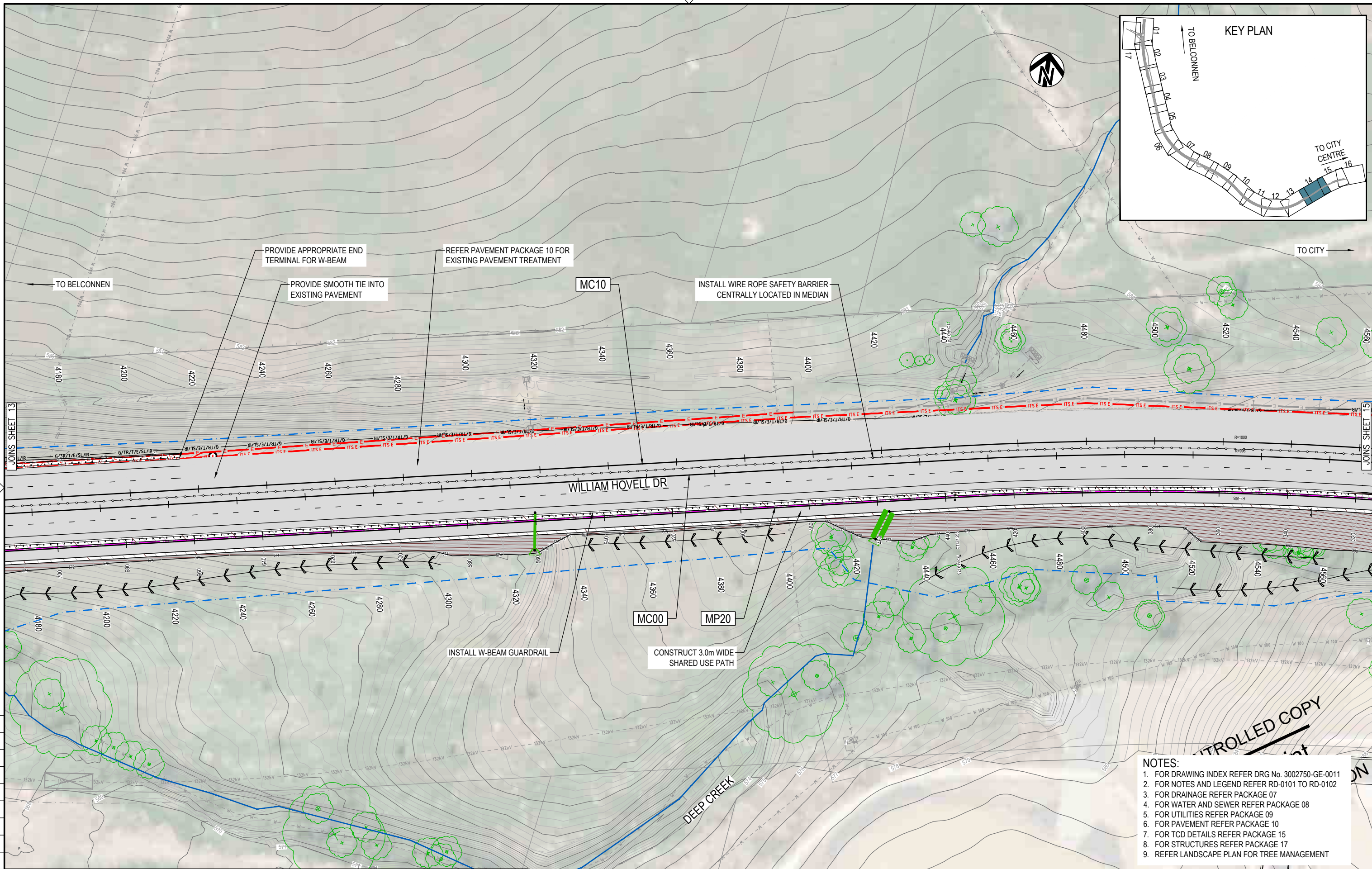
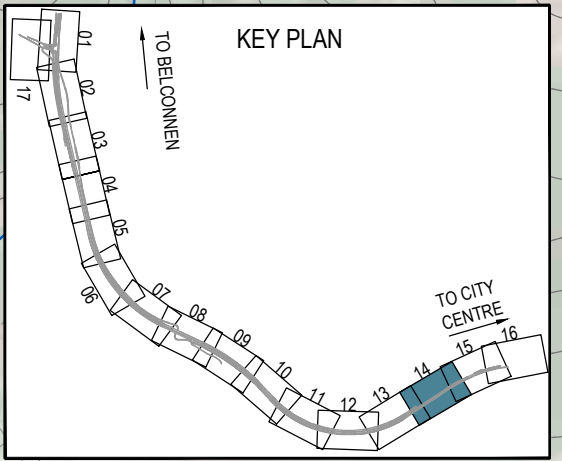
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BACKDRAFTED/CORRECTED			
CONFIRMED			

PROJECT TITLE		WILLIAM HOVELL DRIVE DUPLICATION	
GENERAL ARRANGEMENT PLAN		SHEET 13	
SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	PSP	3002750-RD-0122	C.1

REVISION  
IN PROGRESS

CONTROLLED COPY



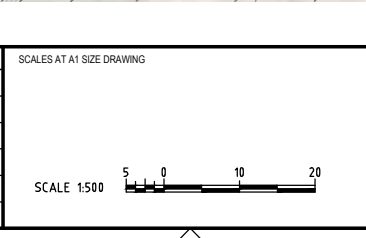
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  3. FOR DRAINAGE REFER PACKAGE 07
  4. FOR WATER AND SEWER REFER PACKAGE 08
  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

150 mm ON ORIGINAL  
A1

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3002750\CAD\DWG\03_RD_General_Arrangement\3002750-RD-0123.dwg		PLOT DATE 27 May 2022	TIME 10:14:04
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	C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION
	D	27.05.2022	DETAIL FOR DESIGN SHARED USE PATH ALIGNMENT CHANGES

**REVISION IN PROGRESS**

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
0015	DK	DESIGNER	B. LEJANO
0	DK	DESIGN CHECK	T. MEADOWS
		PROJECT MANAGER	K. DECANHA
		PROJECT DIRECTOR	D. KEEP



DESIGNER

Member of the Stantec Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

**CHECK PRINT**

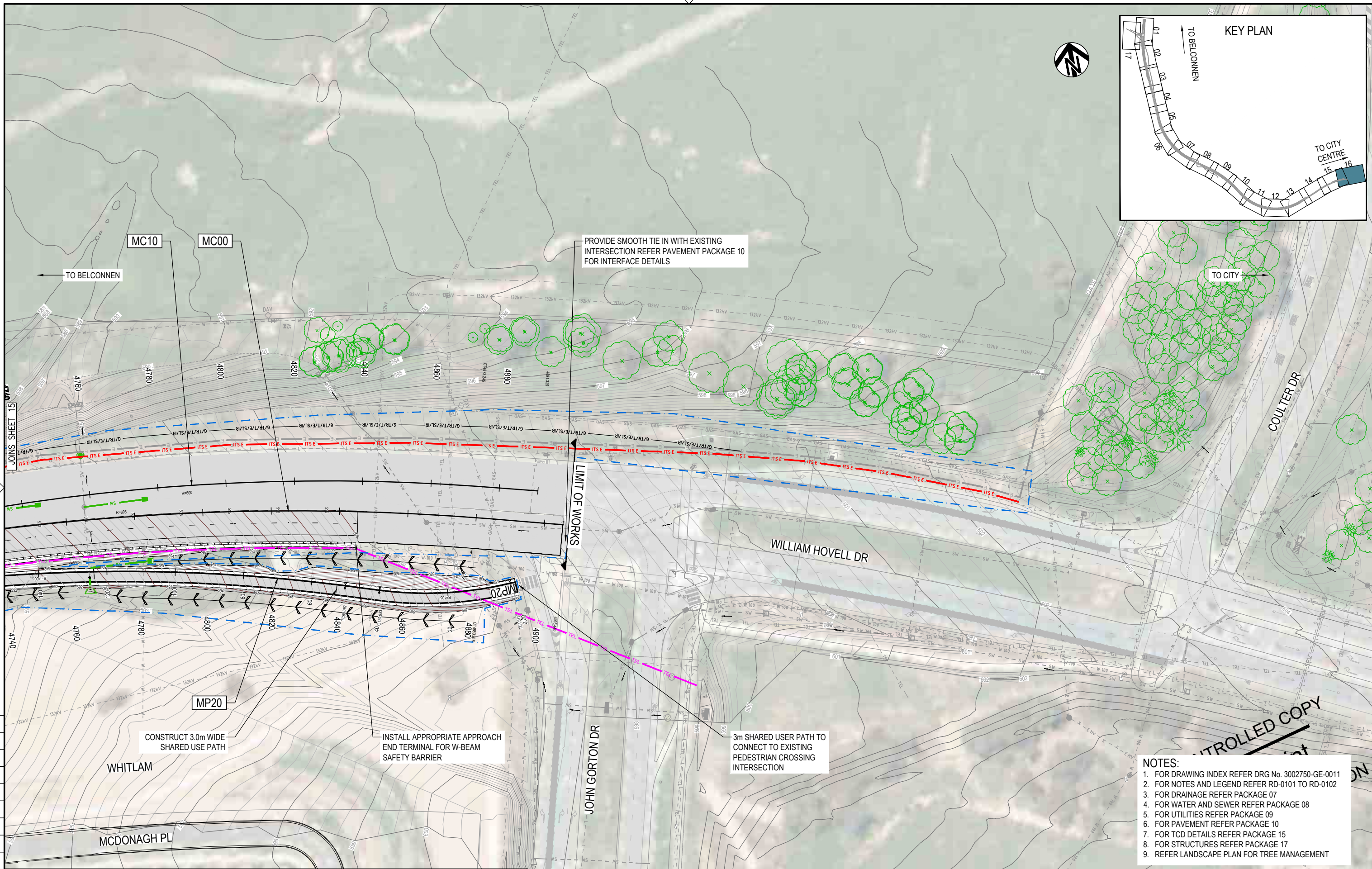
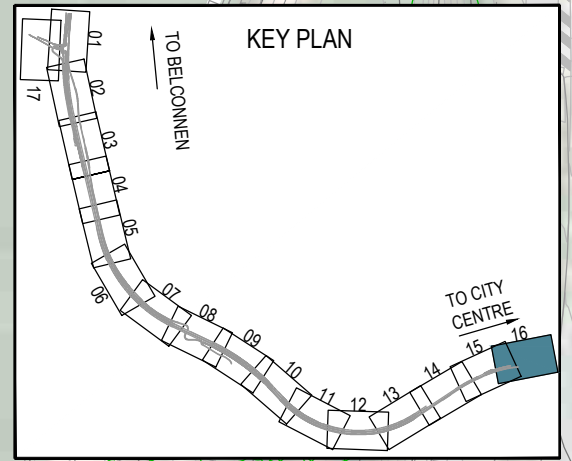
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CONFIRMED		

PROJECT TITLE WILLIAM HOVELL DRIVE DUPLICATION		SCALE AS SHOWN	PHASE PSP	PROJECT / DRAWING No. 3002750-RD-0123	REVISION C.1
GENERAL ARRANGEMENT PLAN SHEET 14					

DR

CONTROLLED COPY





- NOTES:**
1. FOR DRAWING INDEX REFER DRG No. 3002750-GE-0011
  2. FOR NOTES AND LEGEND REFER RD-0101 TO RD-0102
  3. FOR DRAINAGE REFER PACKAGE 07
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  5. FOR UTILITIES REFER PACKAGE 09
  6. FOR PAVEMENT REFER PACKAGE 10
  7. FOR TCD DETAILS REFER PACKAGE 15
  8. FOR STRUCTURES REFER PACKAGE 17
  9. REFER LANDSCAPE PLAN FOR TREE MANAGEMENT

150 mm ON ORIGINAL  
A1

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	B	08.10.2020	PRELIMINARY SKETCH PLAN
	C	13.11.2020	PRELIMINARY SKETCH PLAN
	D	27.05.2022	DETAIL OF DESIGN SHARED USE PATH ALIGNMENT

**REVISION IN PROGRESS**

WVR No.	APPROVAL	TITLE	NAME
0007	DK	DRAFTER	L. HESLOP
0014	DK	DRAFTING CHECK	R. GOOSEN
0015	DK	DESIGNER	B. LEJANO
0	DK	DESIGN CHECK	T. MEADOWS
		PROJECT MANAGER	K. DECANHA
		PROJECT DIRECTOR	D. KEEP

SCALES AT A1 SIZE DRAWING

SCALE 1:500

DESIGNER

Member of the Sirtop Group

ABN 47 065 475 149

LEVEL 9, 12 MOORE STREET  
CANBERRA ACT 2601 AUSTRALIA  
SMEC PROJECT No 3002750

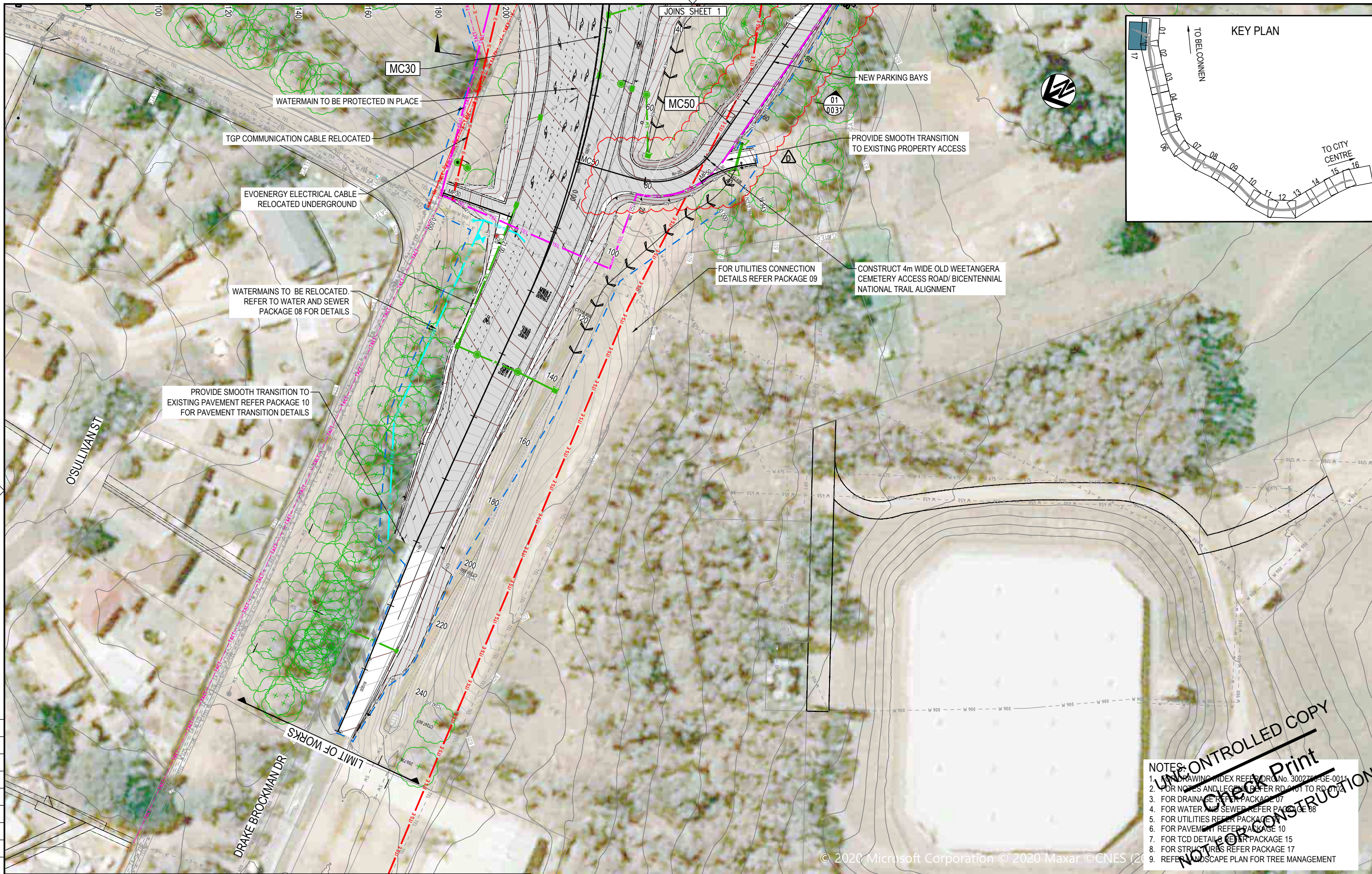
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BACKDRAFTED/CORRECTED		
CONFIRMED		

PROJECT TITLE WILLIAM HOVELL DRIVE DUPLICATION		SCALE AS SHOWN	PHASE PSP	PROJECT / DRAWING No. 3002750-RD-0125	REVISION C.1
GENERAL ARRANGEMENT PLAN SHEET 16					

DR

CONTROLLED COPY



150 mm ON ORIGINAL

A1

NOTES:

1. DRAWING INDEX REFER TO DRC No. 3002750-GE-0014
2. FOR NOTES AND LEGEND REFER RD 0101 TO RD 0104
3. FOR DRAINAGE REFER PACKAGE 07
4. FOR WATER AND SEWER REFER PACKAGE 08
5. FOR UTILITIES REFER PACKAGE 09
6. FOR PAVEMENT REFER PACKAGE 10
7. FOR TCD DETAILS REFER PACKAGE 15
8. FOR STRUCTURES REFER PACKAGE 17
9. REFER TO SCAPE PLAN FOR TREE MANAGEMENT

**UNCONTROLLED COPY**

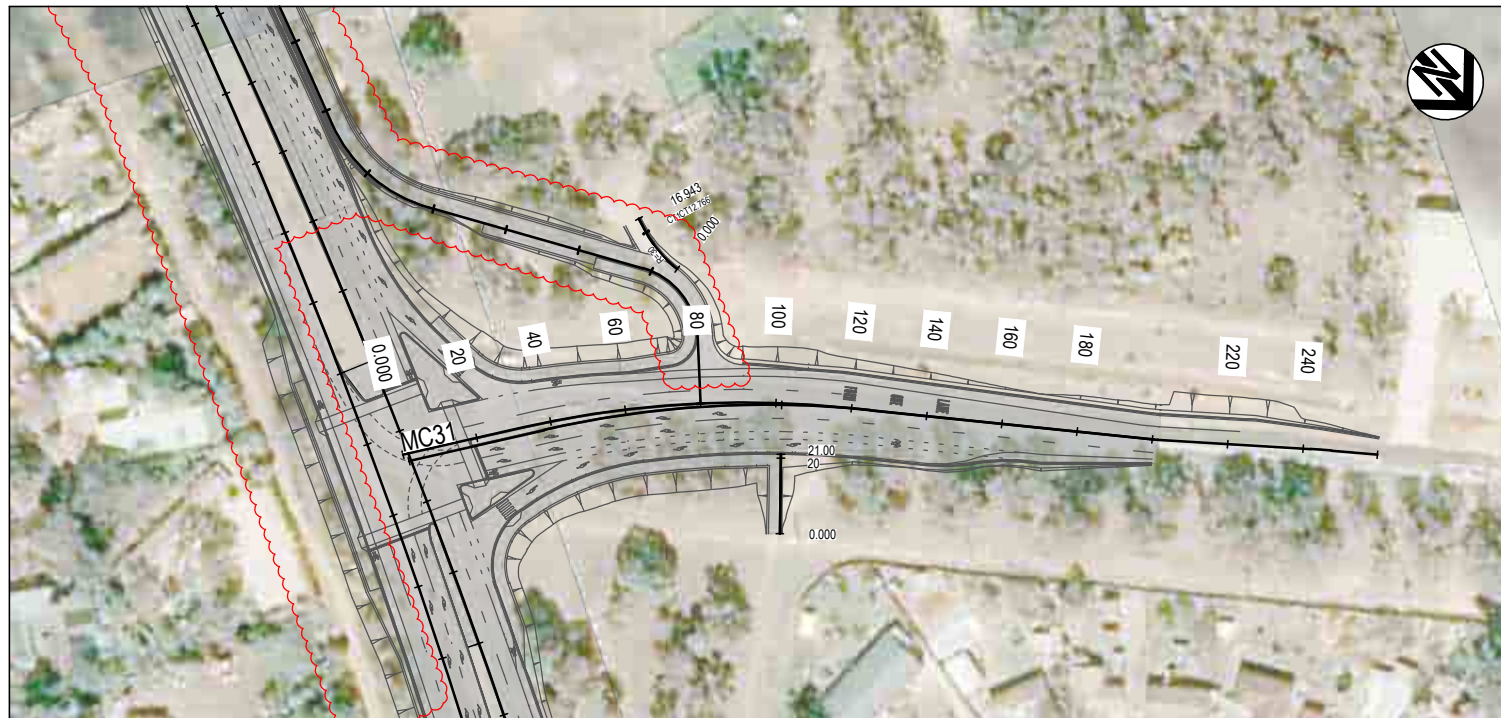
**Do Not Print**

**NOT FOR CONSTRUCTION**

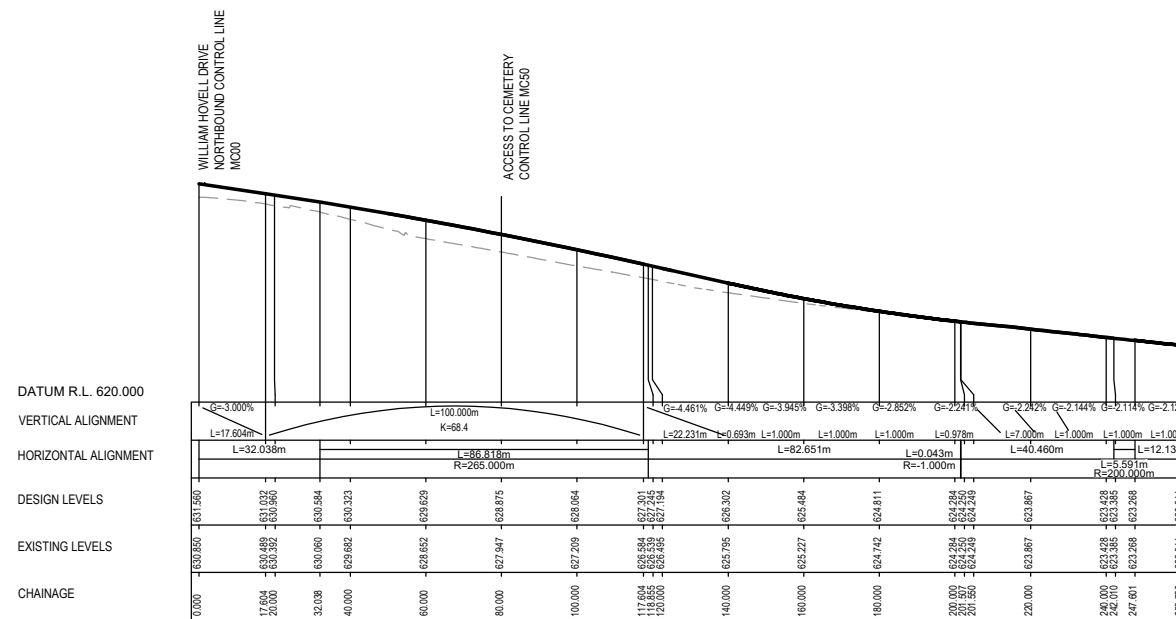
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DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3002750\CAD\DWG\03_RD_General_Arrangement\3002750-RD-0129.dwg		PLOT DATE 27 May 2022		TIME 10:26:37		DR																						
EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE																					
<ul style="list-style-type: none"> <li>X:\WD\BERRY</li> <li>X:\WD\CONIX</li> <li>X:\WD\DES</li> <li>X:\WD\DES_CAD</li> <li>X:\WD\DES_CTRL</li> <li>X:\WD\DES_DRN</li> <li>X:\WD\DES_ELEC</li> <li>X:\WD\DES_UTIL</li> <li>X:\WD\DES_WP</li> <li>X:\WD\DES_500</li> <li>X:\WD\DES_BRRY</li> <li>X:\WD\DES_TKT_GA</li> <li>X:\WD\DES_SW_EX</li> <li>X:\WD\DES_TCD</li> <li>X:\WD\DES_UTIL</li> <li>X:\WD\DES_UTIL_500</li> </ul>		A	19.06.2020	PRELIMINARY SKETCH PLAN	0007	DK	DRAFTER <i>L. HESLOP</i>																					
		B	08.10.2020	PRELIMINARY SKETCH PLAN	0014	DK	DRAFTING CHECK <i>R. GOOSEN</i>																					
		C	13.11.2020	PRELIMINARY SKETCH PLAN SUBMISSION	0015	DK	DESIGNER <i>B. LEJANO</i>																					
		D	27.05.2022	DETAIL DESIGN SKETCH PLAN ALIGNMENT CHANGES	0	DK	DESIGN CHECK <i>T. MEADOWS</i>																					
							PROJECT MANAGER <i>K. DECANHA</i>																					
							PROJECT DIRECTOR <i>D. KEEP</i>																					
SCALES AT A1 SIZE DRAWING		DESIGNER		SMEC		CHECK PRINT																						
SCALE 1:500		ABN 47 065 475 149		LEVEL 9, 12 MOORE STREET CANBERRA ACT 2601 AUSTRALIA SMEC PROJECT No 3002750		<table border="1"> <tr> <td>DISCIPLINE</td> <td>PRELIM</td> <td>FINAL</td> </tr> <tr> <td>DISCIPLINE</td> <td>INITIAL</td> <td>DATE</td> </tr> <tr> <td>DISCIPLINE</td> <td></td> <td></td> </tr> <tr> <td>DISCIPLINE</td> <td></td> <td></td> </tr> <tr> <td>DISCIPLINE</td> <td></td> <td></td> </tr> <tr> <td>BACKDRAFTED/CORRECTED</td> <td></td> <td></td> </tr> <tr> <td>CONFIRMED</td> <td></td> <td></td> </tr> </table>		DISCIPLINE	PRELIM	FINAL	DISCIPLINE	INITIAL	DATE	DISCIPLINE			DISCIPLINE			DISCIPLINE			BACKDRAFTED/CORRECTED			CONFIRMED		
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PROJECT TITLE		WILLIAM HOVELL DRIVE DUPLICATION		GENERAL ARRANGEMENT PLAN		SHEET 17																						
SCALE		PHASE		PROJECT / DRAWING No		REVISION																						
AS SHOWN		PSP		3002750-RD-0129		C.1																						

**REVISION IN PROGRESS**



PLAN  
SCALE 1: 1000



LONGITUDINAL SECTION ALONG CONTROL MC31  
HORIZONTAL 1: 1000  
VERTICAL 1: 200

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Check Print  
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150 mm ON ORIGINAL  
A1

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3002750\CAD\DWG\03_RD_General_Arrangement\3002750-RD-0151.dwg		REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
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K:\WD\DES\03_RD_GENERAL_ARRANGEMENT.dwg		C	13.11.2020	PRELIMINARY SKETCH PLAN	0015	DK	DESIGNER	B. LEJANO
K:\WD\DES\CTRL.dwg		D	27.05.2022	DETAIL OF DESIGN STATION WITH ALIGNMENT CHANGES	0	DK	DESIGN CHECK	T. MEADOWS
K:\WD\DES\CTRL.dwg							PROJECT MANAGER	K. DECANHA
K:\WD\DES\CTRL.dwg							PROJECT DIRECTOR	D. KEEP

REVISION  
IN PROGRESS

SCALES AT A1 SIZE DRAWING	DESIGNER
HORZ 1:500 VERT 1:50	<b>SMEC</b> Member of the Stantec Group ABN 47 065 475 149
0 5 10 20 25 m	LEVEL 9, 12 MOORE STREET CANBERRA ACT 2601 AUSTRALIA SMEC PROJECT No 3002750

CHECK PRINT		PRELIM <input type="checkbox"/>	FINAL <input type="checkbox"/>
DISCIPLINE		INITIAL	DATE
DISCIPLINE			
DISCIPLINE			
DISCIPLINE			
BACKDRAFTED/CORRECTED			
CONFIRMED			

PROJECT TITLE		WILLIAM HOVELL DRIVE DUPLICATION	
INTERSECTION DETAIL PLAN		SHEET 1	
SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	PSP	3002750-RD-0151	0

DR

