

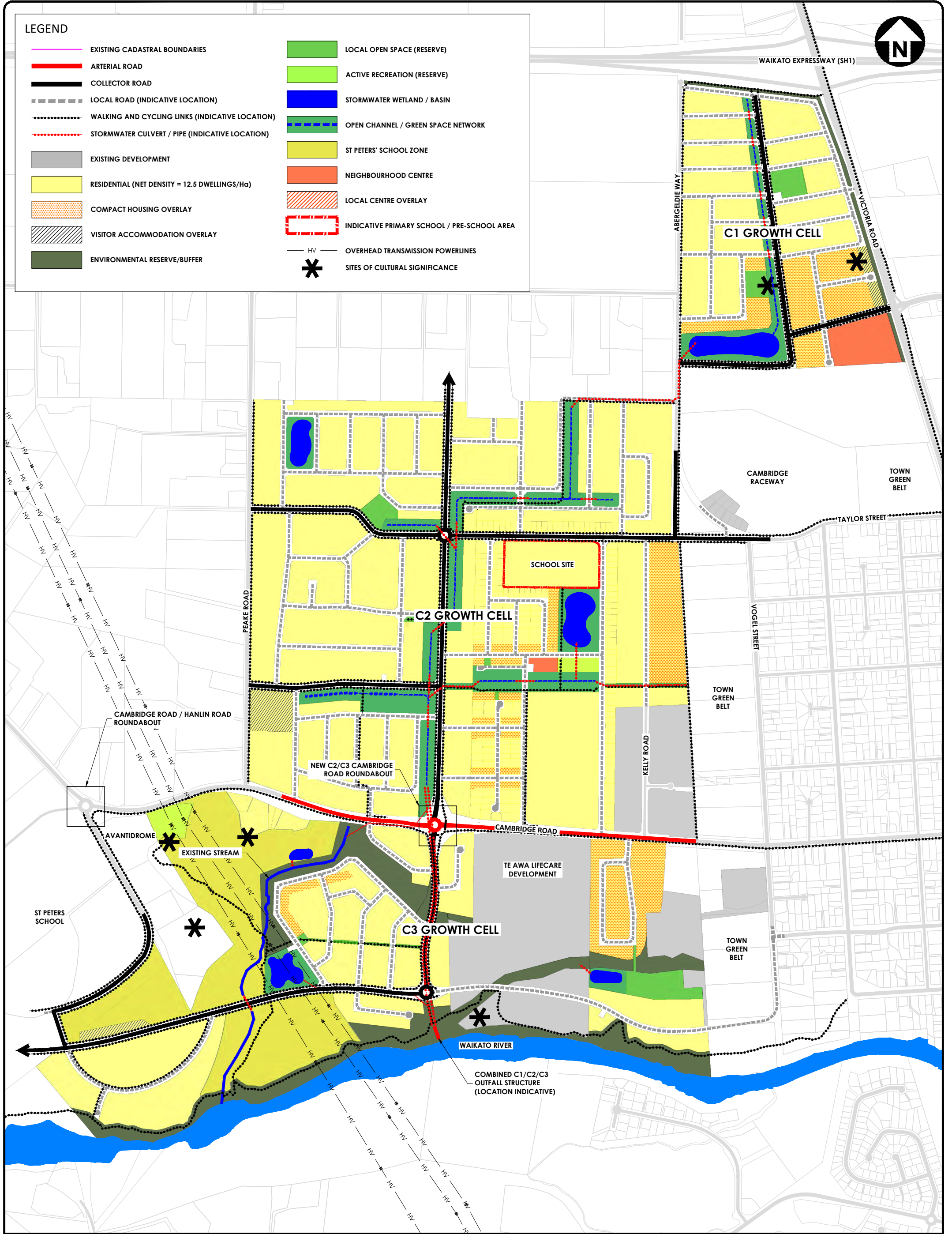
Appendix A

Structure Plan Integration Plans



LEGEND

	EXISTING CADASTRAL BOUNDARIES		LOCAL OPEN SPACE (RESERVE)
	ARTERIAL ROAD		ACTIVE RECREATION (RESERVE)
	COLLECTOR ROAD		STORMWATER WETLAND / BASIN
	LOCAL ROAD (INDICATIVE LOCATION)		OPEN CHANNEL / GREEN SPACE NETWORK
	WALKING AND CYCLING LINKS (INDICATIVE LOCATION)		ST PETERS' SCHOOL ZONE
	STORMWATER CULVERT / PIPE (INDICATIVE LOCATION)		NEIGHBOURHOOD CENTRE
	EXISTING DEVELOPMENT		LOCAL CENTRE OVERLAY
	RESIDENTIAL (NET DENSITY = 12.5 DWELLINGS/Ha)		INDICATIVE PRIMARY SCHOOL / PRE-SCHOOL AREA
	COMPACT HOUSING OVERLAY		OVERHEAD TRANSMISSION POWERLINES
	VISITOR ACCOMMODATION OVERLAY		SITES OF CULTURAL SIGNIFICANCE
	ENVIRONMENTAL RESERVE/BUFFER		











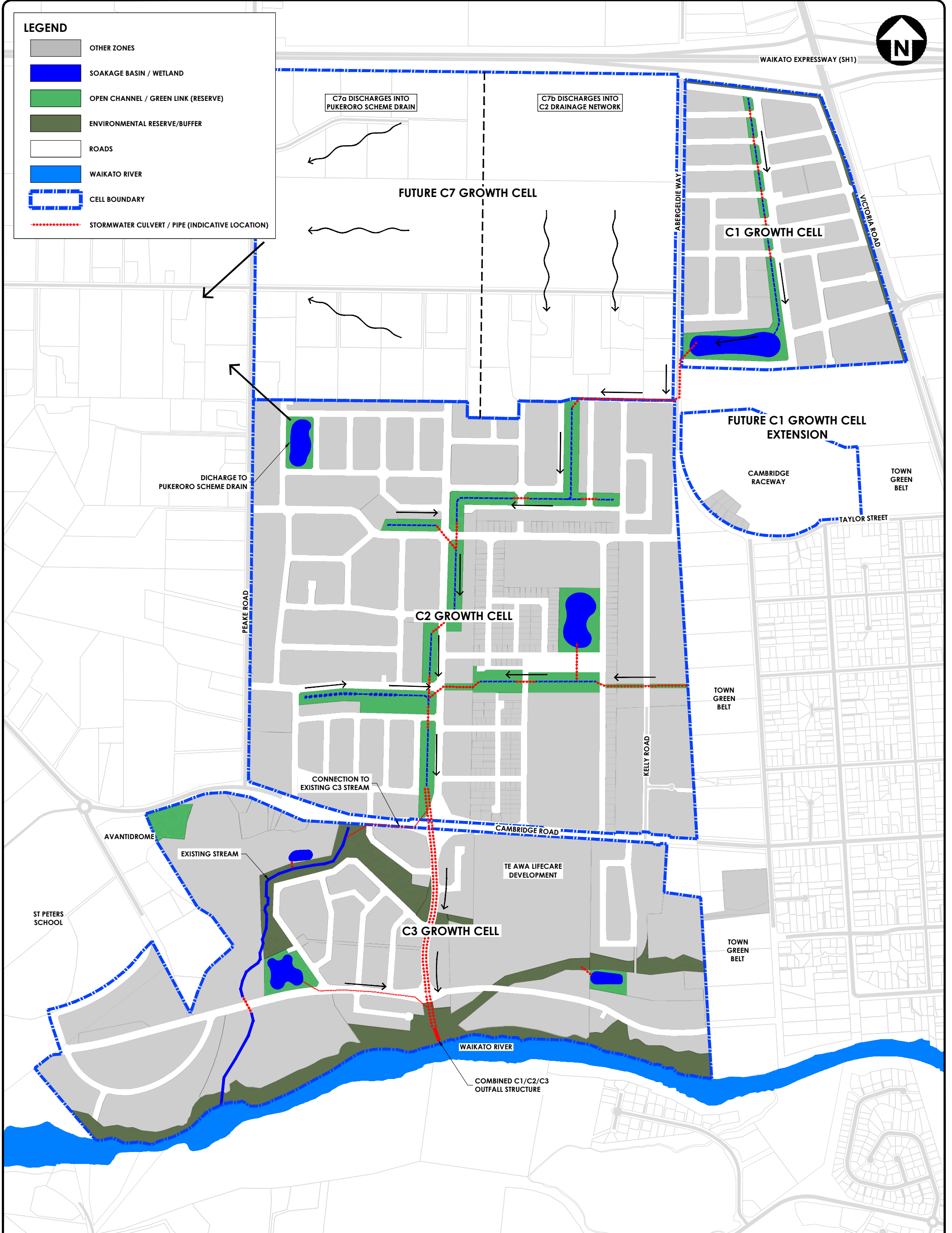
3MS 3MS RESIDENTIAL DEVELOPMENT

STRUCTURE PLAN INTEGRATION GENERAL ARRANGEMENT



LEGEND

-  OTHER ZONES
-  SOAKAGE BASIN / WETLAND
-  OPEN CHANNEL / GREEN LINK (RESERVE)
-  ENVIRONMENTAL RESERVE/BUFFER
-  ROADS
-  WAIKATO RIVER
-  CELL BOUNDARY
-  STORMWATER CULVERT / PIPE (INDICATIVE LOCATION)



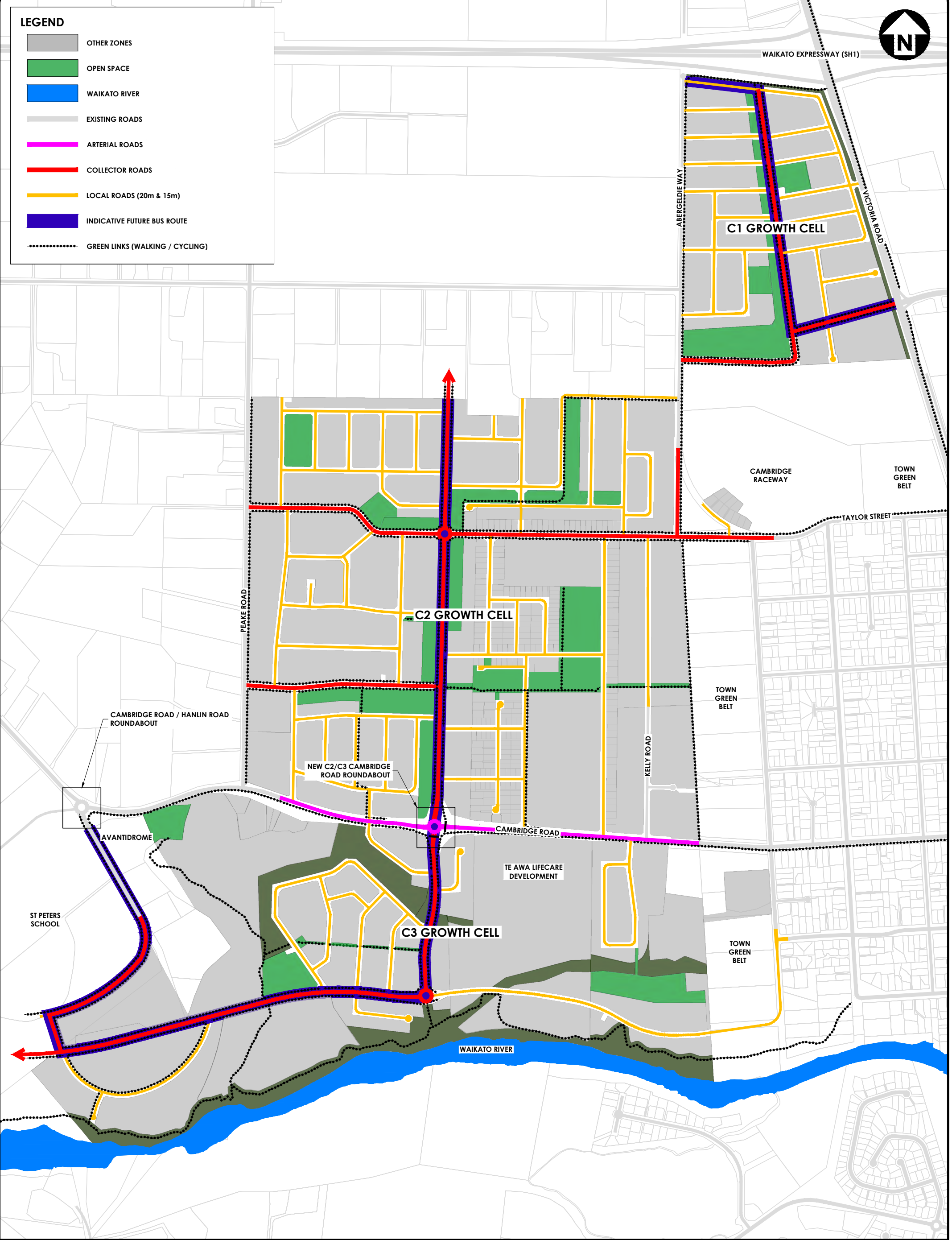
3MS 3MS RESIDENTIAL DEVELOPMENT

STRUCTURE PLAN INTEGRATION STORMWATER NETWORK



LEGEND

- OTHER ZONES
- OPEN SPACE
- WAIKATO RIVER
- EXISTING ROADS
- ARTERIAL ROADS
- COLLECTOR ROADS
- LOCAL ROADS (20m & 15m)
- INDICATIVE FUTURE BUS ROUTE
- GREEN LINKS (WALKING / CYCLING)



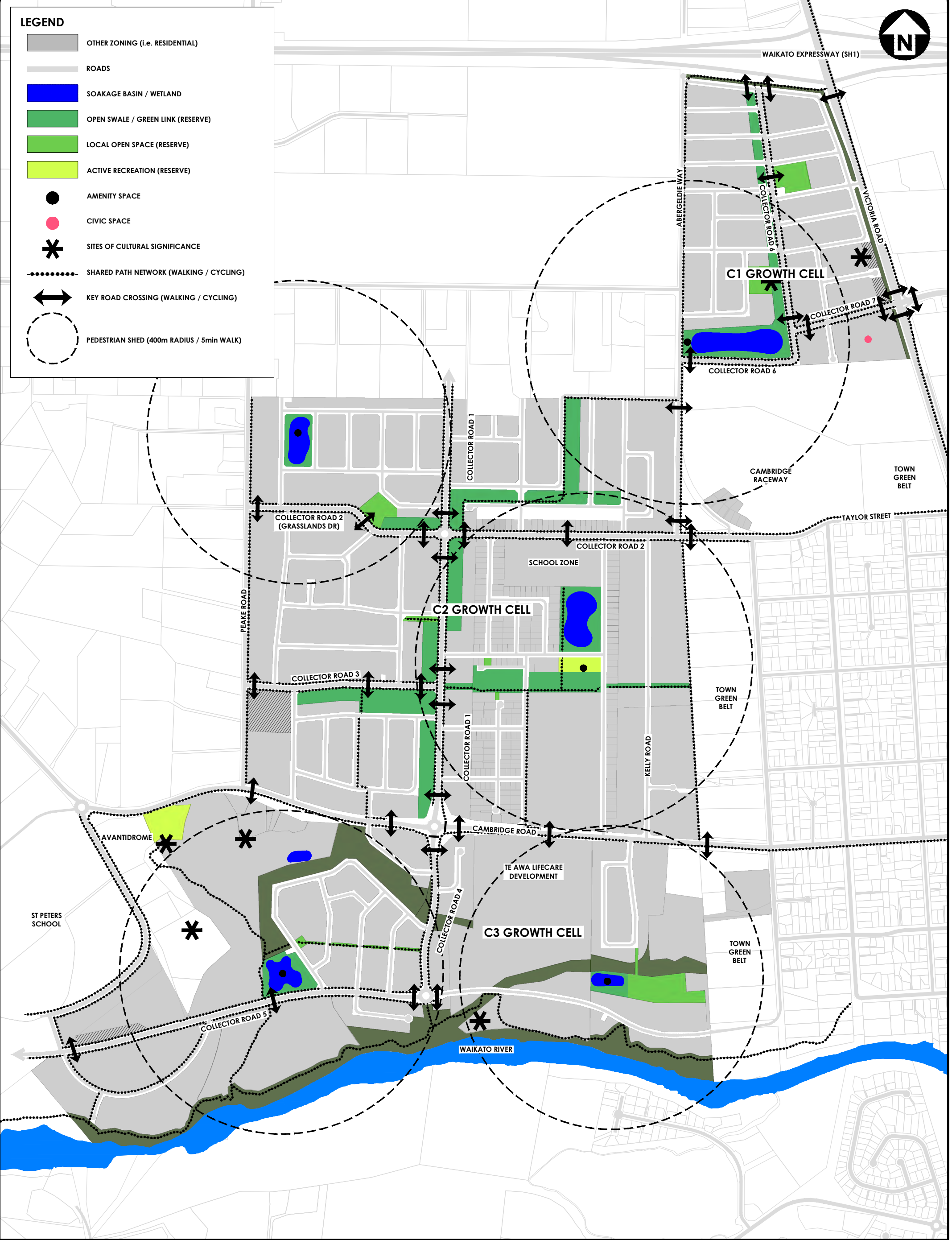
3MS 3MS RESIDENTIAL DEVELOPMENT

STRUCTURE PLAN INTEGRATION TRANSPORT NETWORK



LEGEND

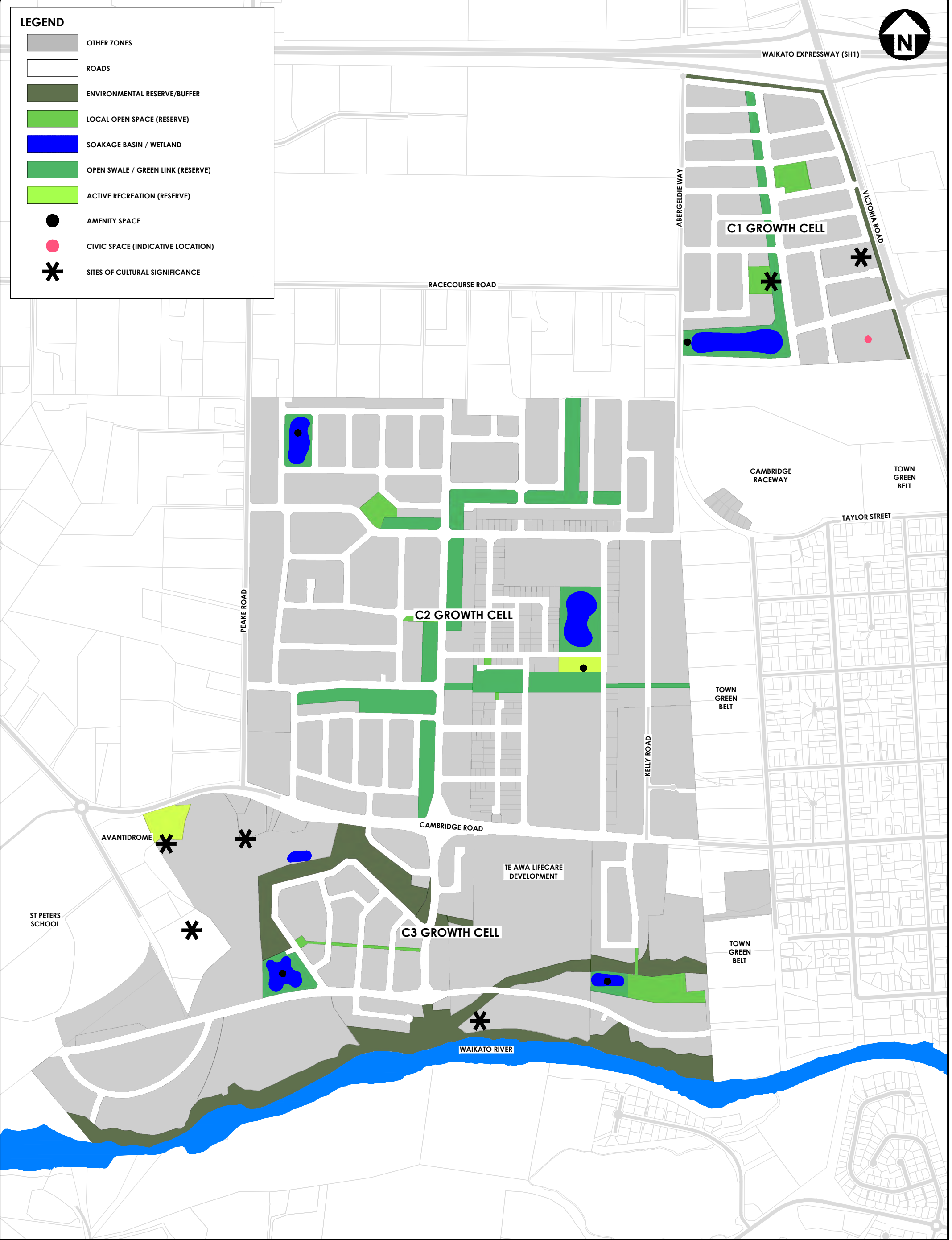
- OTHER ZONING (i.e. RESIDENTIAL)
- ROADS
- SOAKAGE BASIN / WETLAND
- OPEN SWALE / GREEN LINK (RESERVE)
- LOCAL OPEN SPACE (RESERVE)
- ACTIVE RECREATION (RESERVE)
- AMENITY SPACE
- CIVIC SPACE
- ✱ SITES OF CULTURAL SIGNIFICANCE
- SHARED PATH NETWORK (WALKING / CYCLING)
- KEY ROAD CROSSING (WALKING / CYCLING)
- PEDESTRIAN SHED (400m RADIUS / 5min WALK)













LEGEND

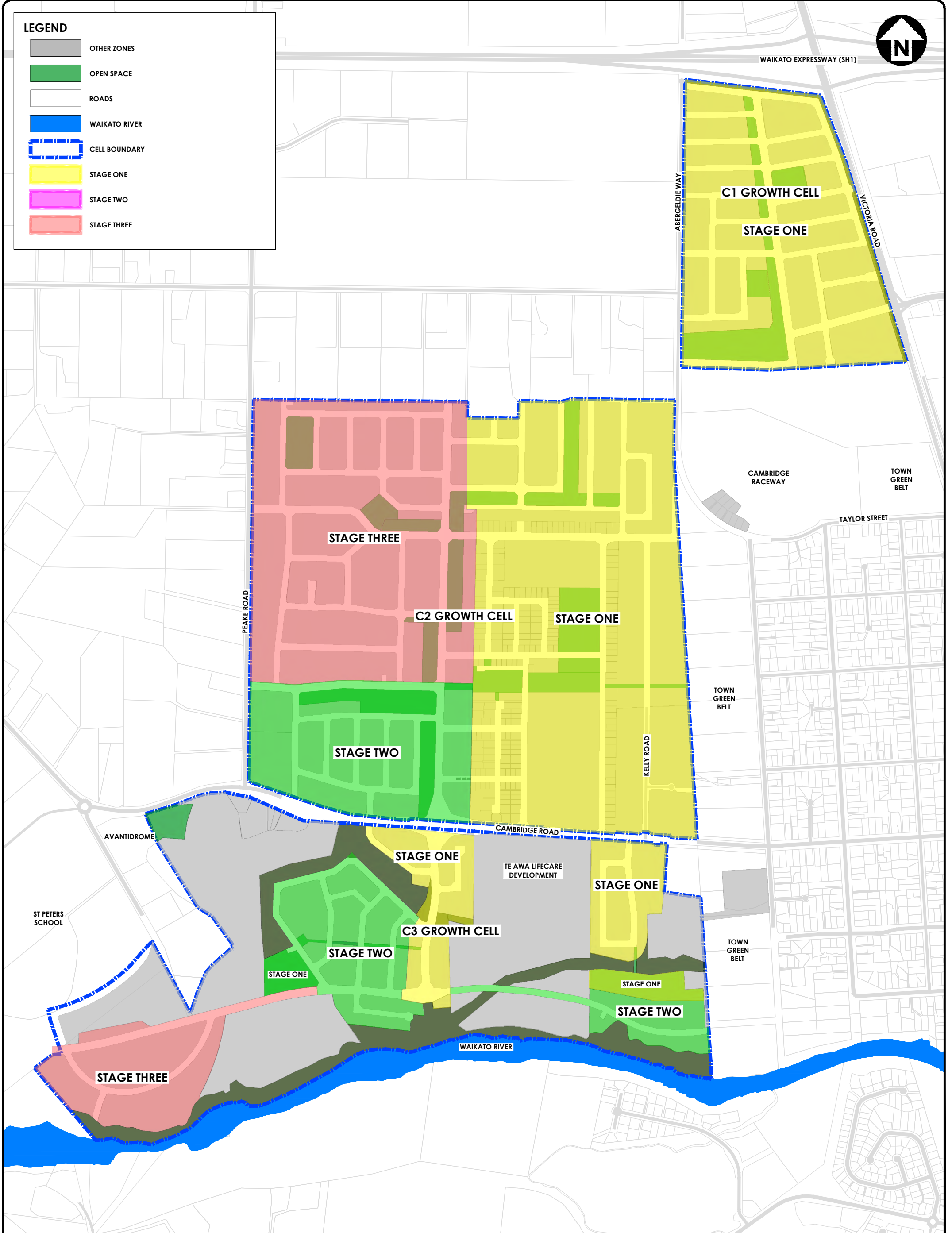
-  OTHER ZONES
-  ROADS
-  ENVIRONMENTAL RESERVE/BUFFER
-  LOCAL OPEN SPACE (RESERVE)
-  SOAKAGE BASIN / WETLAND
-  OPEN SWALE / GREEN LINK (RESERVE)
-  ACTIVE RECREATION (RESERVE)
-  AMENITY SPACE
-  CIVIC SPACE (INDICATIVE LOCATION)
-  SITES OF CULTURAL SIGNIFICANCE





LEGEND

-  OTHER ZONES
-  OPEN SPACE
-  ROADS
-  WAIKATO RIVER
-  CELL BOUNDARY
-  STAGE ONE
-  STAGE TWO
-  STAGE THREE



3MS 3MS RESIDENTIAL DEVELOPMENT

STRUCTURE PLAN INTEGRATION STAGING PLAN

Appendix B

3MS Master Plan

PROJECT

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN SET



CLIENT

3MS OF CAMBRIDGE GP LTD



DRAWING No.	DRAWING TITLE	REV
GENERAL		
17001-C-0100	COVER SHEET	B
17001-C-0101	DRAWING LIST	B
17001-C-0105	GENERAL ARRANGEMENT	F
17001-C-0109	SHEET LAYOUT	B
EARTHWORKS		
17001-C-0110	EARTHWORKS DESIGN CONTOURS GENERAL ARRANGEMENT	B
17001-C-0112	EARTHWORKS CUT FILL DIAGRAM GENERAL ARRANGEMENT	B
17001-C-0121	EARTHWORKS DESIGN CONTOURS LAYOUT PLAN SHEET 1 OF 3	B
17001-C-0122	EARTHWORKS DESIGN CONTOURS LAYOUT PLAN SHEET 2 OF 3	B
17001-C-0123	EARTHWORKS DESIGN CONTOURS LAYOUT PLAN SHEET 3 OF 3	B
ROADING		
17001-C-0200	ROADING GENERAL ARRANGEMENT	C
17001-C-0201	ROADING LAYOUT PLAN SHEET 1 OF 3	C
17001-C-0202	ROADING LAYOUT PLAN SHEET 2 OF 3	C
17001-C-0203	ROADING LAYOUT PLAN SHEET 3 OF 3	C
17001-C-0204	TYPICAL CROSS SECTIONS SHEET 1	G
17001-C-0205	TYPICAL CROSS SECTIONS SHEET 2	F
17001-C-0207	TRANSPORT NETWORK WALKING & CYCLING NETWORK GENERAL ARRANGEMENT	D
17001-C-0208	TRANSPORT NETWORK CAMBRIDGE ROAD INTERFACE INTERIM & FUTURE LAYOUT	A
17001-C-0221	C2 NORTH-EASTERN COLLECTOR ROAD PLAN & LONGITUDINAL SECTION SHEET 1 OF 2	C
17001-C-0222	C2 NORTH-EASTERN COLLECTOR ROAD PLAN & LONGITUDINAL SECTION SHEET 2 OF 2	C
17001-C-0231	ROAD 10 PLAN & LONGITUDINAL SECTION SHEET 1 OF 3	C
17001-C-0232	ROAD 10 PLAN & LONGITUDINAL SECTION SHEET 2 OF 3	C
17001-C-0233	ROAD 10 PLAN & LONGITUDINAL SECTION SHEET 3 OF 3	C
17001-C-0241	ROAD 11 PLAN & LONGITUDINAL SECTION SHEET 1 OF 2	C
17001-C-0242	ROAD 11 PLAN & LONGITUDINAL SECTION SHEET 2 OF 2	C
17001-C-0251	ROAD 12 PLAN & LONGITUDINAL SECTION	C
17001-C-0261	ROAD 13 & 14 PLAN & LONGITUDINAL SECTION	C
17001-C-0281	ROAD 15 PLAN & LONGITUDINAL SECTION	C
17001-C-0291	ROAD 16 PLAN & LONGITUDINAL SECTION	C
17001-C-0311	ROAD 18 PLAN & LONGITUDINAL SECTION	C
17001-C-0331	ROAD 20 PLAN & LONGITUDINAL SECTION SHEET 1 OF 2	C
17001-C-0332	ROAD 20 PLAN & LONGITUDINAL SECTION SHEET 2 OF 2	A
17001-C-0351	ROAD 21 PLAN & LONGITUDINAL SECTION SHEET 1 OF 2	C
17001-C-0352	ROAD 21 PLAN & LONGITUDINAL SECTION SHEET 2 OF 2	A
17001-C-0371	ROAD 22 PLAN & LONGITUDINAL SECTION SHEET 1 OF 2	C
17001-C-0381	ROAD 23 PLAN & LONGITUDINAL SECTION SHEET 1 OF 2	C
17001-C-0382	ROAD 23 PLAN & LONGITUDINAL SECTION SHEET 2 OF 2	C
17001-C-0391	ROAD 17 PLAN & LONGITUDINAL SECTION SHEET	C
17001-C-0395	TYPICAL LOCAL ROAD & LOCAL ROAD INTERSECTION	C

DRAWING No.	DRAWING TITLE	REV
17001-C-0396	TYPICAL COLLECTOR & LOCAL ROAD INTERSECTION	B
STORMWATER		
17001-C-0400	STORMWATER GENERAL ARRANGEMENT	B
17001-C-0401	STORMWATER LAYOUT PLAN SHEET 1 OF 3	B
17001-C-0402	STORMWATER LAYOUT PLAN SHEET 2 OF 3	B
17001-C-0403	STORMWATER LAYOUT PLAN SHEET 3 OF 3	B
17001-C-0420	STORMWATER CENTRAL BASIN PLAN & TYPICAL SECTION	A
17001-C-0430	STORMWATER CENTRAL SWALE INTERIM & FUTURE LAYOUT	A
WASTEWATER		
17001-C-0500	WASTEWATER GENERAL ARRANGEMENT	B
17001-C-0501	WASTEWATER LAYOUT PLAN SHEET 1 OF 3	B
17001-C-0502	WASTEWATER LAYOUT PLAN SHEET 2 OF 3	B
17001-C-0503	WASTEWATER LAYOUT PLAN SHEET 3 OF 3	B
17001-C-0510	WASTEWATER LONGITUDINAL SECTION SHEET 1	B
17001-C-0511	WASTEWATER LONGITUDINAL SECTION SHEET 2	B
17001-C-0520	WASTEWATER PUMP STATION DETAILS	B
WATER SUPPLY		
17001-C-0600	WATER SUPPLY GENERAL ARRANGEMENT	B
17001-C-0601	WATER SUPPLY LAYOUT PLAN SHEET 1 OF 3	B
17001-C-0602	WATER SUPPLY LAYOUT PLAN SHEET 2 OF 3	B
17001-C-0603	WATER SUPPLY LAYOUT PLAN SHEET 3 OF 3	B
UTILITY SERVICES		
17001-C-0700	UTILITY SERVICES GENERAL ARRANGEMENT	B
17001-C-0701	UTILITY SERVICES LAYOUT PLAN SHEET 1 OF 3	B
17001-C-0702	UTILITY SERVICES LAYOUT PLAN SHEET 2 OF 3	B
17001-C-0703	UTILITY SERVICES LAYOUT PLAN SHEET 3 OF 3	B

REV	DESCRIPTION	BY	DATE
B	FOR INFORMATION	GCJ	27.11.20
A	FOR INFORMATION	GCJ	17.04.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY L. MACCAFFREY	DATE 17.04.20
DRAWN BY G. JONES	DATE 17.04.20
APPROVED BY —	DATE —

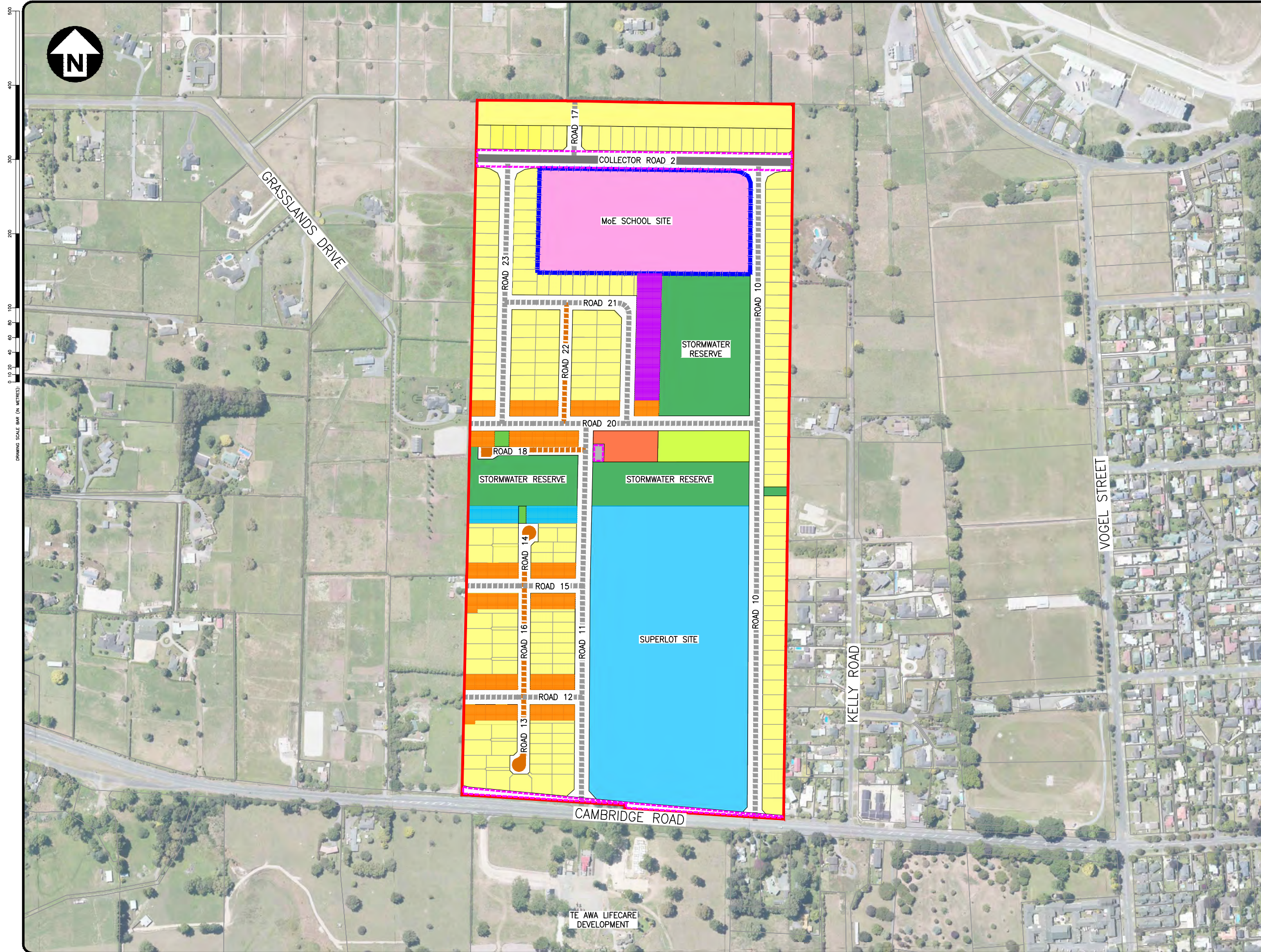


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
DRAWING LIST



DISCIPLINE	REVISION No.
CIVIL ENGINEERING	B
DRAWING No.	17001-C-0101



LEGEND	
	3MS DEVELOPMENT BOUNDARY
	INDICATIVE BLOCK BOUNDARIES
	COLLECTOR ROAD
	LOCAL ROAD
	LOCAL ACCESS ROAD
	GENERAL RESIDENTIAL
	COMPACT RESIDENTIAL OVERLAY
	TERRACED RESIDENTIAL HOUSING
	VISITOR ACCOMMODATION OVERLAY
	INDICATIVE SCHOOL AREA
	NEIGHBORHOOD CENTRE
	STORMWATER RESERVE
	LOCAL OPEN SPACE (RESERVE)
	ACTIVE RECREATION (RESERVE)

F	FOR INFORMATION	GCJ	10.08.20
E	FOR INFORMATION	LPM	06.07.20
D	FOR INFORMATION	LPM	24.04.20
C	FOR INFORMATION	GCJ	17.04.20
REV	DESCRIPTION	BY	DATE

APPROVAL STATUS		FOR INFORMATION	
DESIGNED BY	L. MCCAFFREY	DATE	15.01.20
DRAWN BY	G. JONES	DATE	15.01.20
APPROVED BY	—	DATE	—

CLIENT NAME

PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

DRAWING TITLE

GENERAL ARRANGEMENT

PRODUCED BY

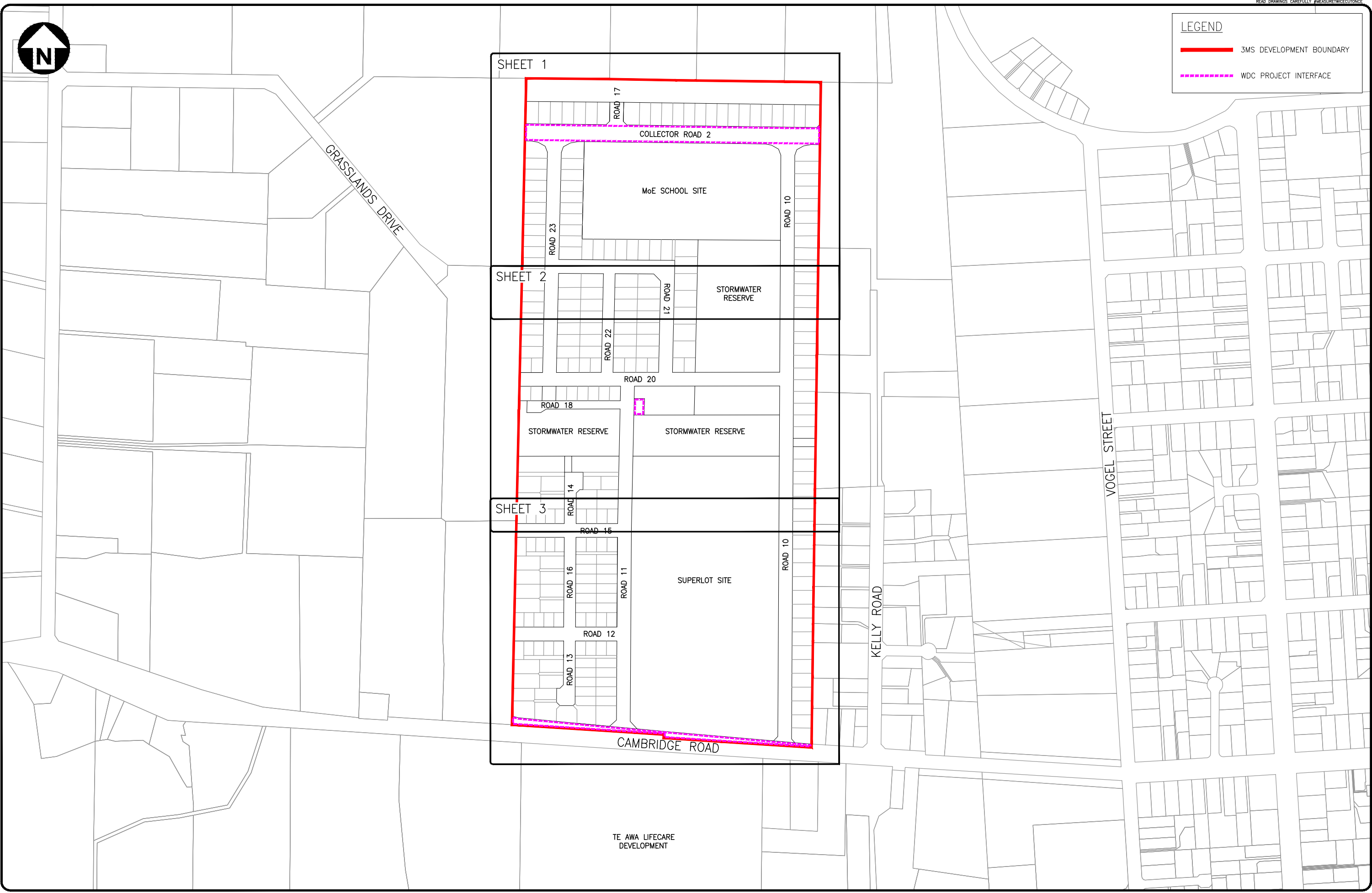
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DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0105		



DRAWING SCALE BAR (IN METRES)

LEGEND

- 3MS DEVELOPMENT BOUNDARY
- WDC PROJECT INTERFACE



REV	DESCRIPTION	BY	DATE
B	FOR INFORMATION	GCJ	27.11.20
A	FOR INFORMATION	GCJ	17.04.20

FOR INFORMATION

DESIGNED BY	DATE
L. MCCAFFREY	03.04.20
DRAWN BY	DATE
G. JONES	03.04.20
APPROVED BY	DATE
—	—



PROJECT NAME

3MS RESIDENTIAL
DEVELOPMENT

MASTER PLAN

DRAWING TITLE

SHEET LAYOUT



DRAWING SCALE	1:5000	REVISION No. B
DISCIPLINE	CIVIL ENGINEERING	
DRAWING No.	17001-C-0109	



DRAWING SCALE BAR (IN METRES)



LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - - - WDC WORKS BOUNDARY
- 1.0 DESIGN CONTOUR (1.0m INTERVAL)
- DESIGN CONTOUR (0.1m INTERVAL)

- NOTES:**
1. CONCEPT DESIGN ONLY. EARTHWORKS CONTOURS SHOWN ARE BASED ON PROPOSED DESIGN SURFACE LEVELS
 2. DESIGN OF EARTHWORKS (AND ASSOCIATED INFRASTRUCTURE) IS STILL SUBJECT TO FURTHER DESIGN DEVELOPMENT AND APPROVAL BY RELEVANT AUTHORITIES
 3. THE FINAL STRUCTURE PLAN LAYOUT IS SUBJECT TO CONFIRMATION BY WAIPA DISTRICT COUNCIL
 4. EXISTING CONTOURS SHOWN ARE BASED ON WRC LIDAR INFORMATION (2007/2008)

TE AWA LIFECARE DEVELOPMENT

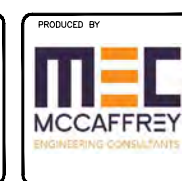
REV	DESCRIPTION	BY	DATE
B	FOR INFORMATION	GCJ	27.11.20
A	FOR INFORMATION	GCJ	17.04.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY L. MCCAFFREY	DATE 03.04.20
DRAWN BY G. JONES	DATE 03.04.20
APPROVED BY —	DATE —

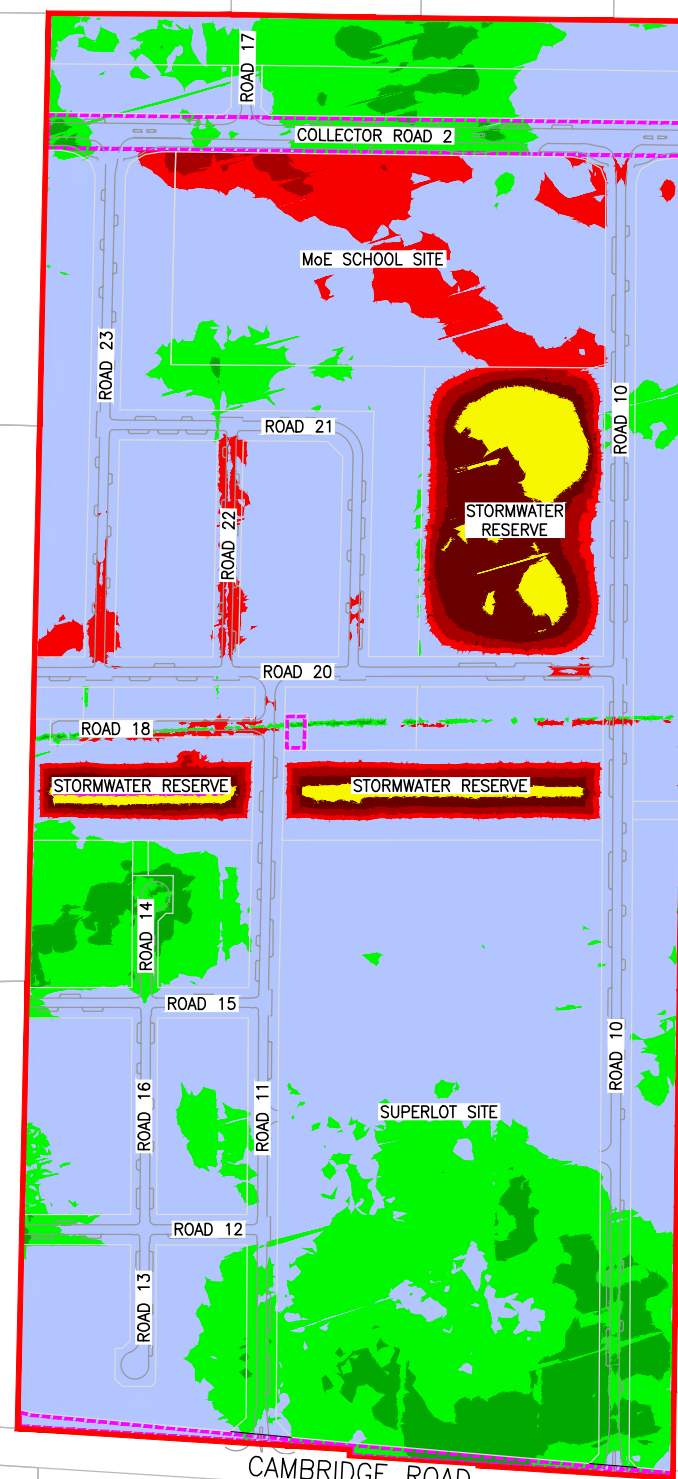


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
EARTHWORKS DESIGN CONTOURS
GENERAL ARRANGEMENT



DRAWING SCALE 1:5000	B
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0110	



LEGEND

- 3MS DEVELOPMENT BOUNDARY
- WDC WORKS BOUNDARY
- > 4m CUT
- 3.0m TO 4.0m CUT
- 2.0m TO 3.0m CUT
- 1.0m TO 2.0m CUT
- 0.5m TO 1.0m CUT
- SITE CONTOURING (<0.5m)
- 0.5m TO 1.0m FILL
- 1.0m TO 2.0m FILL
- 2.0m TO 3.0m FILL
- 3.0m TO 4.0m FILL
- >4.0m FILL

- NOTES**
1. CONCEPT DESIGN ONLY. CUT FILL DIAGRAM SHOWN ARE BASED ON DIFFERENCE BETWEEN PROPOSED DESIGN SURFACE LEVELS AND EXISTING SURFACE ACROSS THE DEVELOPMENT SITE.
 2. DESIGN OF EARTHWORKS (AND ASSOCIATED INFRASTRUCTURE) IS STILL SUBJECT TO FURTHER DESIGN DEVELOPMENT AND APPROVAL BY RELEVANT AUTHORITIES
 3. THE FINAL DEVELOPMENT LAYOUT IS SUBJECT TO CONFIRMATION BY 3MS AND WAIPA DISTRICT COUNCIL
 4. EXISTING SURFACE BASED ON WRC LIDAR INFORMATION (2007/2008)

TE AWA LIFECARE DEVELOPMENT

REV	DESCRIPTION	BY	DATE
B	FOR INFORMATION	GCJ	27.11.20
A	FOR INFORMATION	GCJ	17.04.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY L. MCCAFFREY	DATE 13.03.20
DRAWN BY G. JONES	DATE 13.03.20
APPROVED BY	DATE



PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

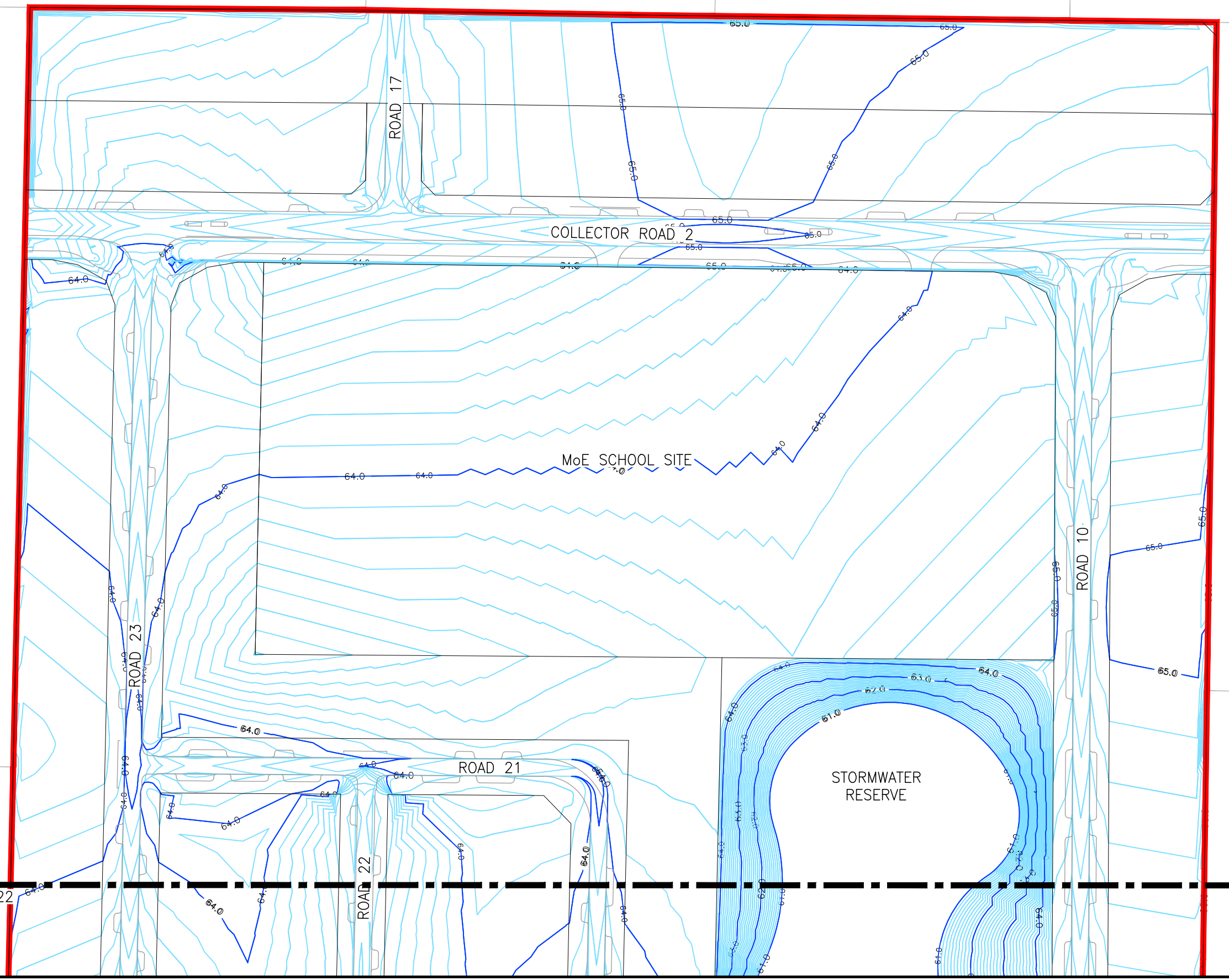
DRAWING TITLE
EARTHWORKS CUT FILL DIAGRAM
GENERAL ARRANGEMENT



DRAWING SCALE	REVISION No.
1:5000	B
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0112	



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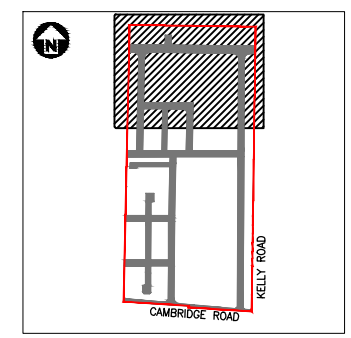


LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - - - WDC WORKS BOUNDARY
- 66 DESIGN CONTOUR (1.0m INTERVAL)
- DESIGN CONTOUR (0.2m INTERVAL)

- NOTES:**
1. CONCEPT DESIGN ONLY. EARTHWORKS CONTOURS SHOWN ARE BASED ON PROPOSED DESIGN SURFACE LEVELS
 2. DESIGN OF EARTHWORKS (AND ASSOCIATED INFRASTRUCTURE) IS STILL SUBJECT TO FURTHER DESIGN DEVELOPMENT AND APPROVAL BY RELEVANT AUTHORITIES
 3. THE FINAL STRUCTURE PLAN LAYOUT IS SUBJECT TO CONFIRMATION BY WAIPA DISTRICT COUNCIL
 4. EXISTING CONTOURS SHOWN ARE BASED ON WRC LIDAR INFORMATION (2007/2008)

MATCHLINE
17001-C-0122



KEY PLAN

REV	DESCRIPTION	BY	DATE
B	FOR INFORMATION	GCJ	27.11.20
A	FOR INFORMATION	GCJ	17.04.20

FOR INFORMATION

DESIGNED BY	DATE
L. MCCAFFREY	03.04.20
DRAWN BY	DATE
G. JONES	03.04.20
APPROVED BY	DATE
—	—



PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
EARTHWORKS DESIGN CONTOURS LAYOUT PLAN
SHEET 1 OF 3



DRAWING SCALE 1:1500	REVISION No. B
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0121	







17001-C-012
MATCHLINE

DRAWING SCALE BAR (IN METRES)

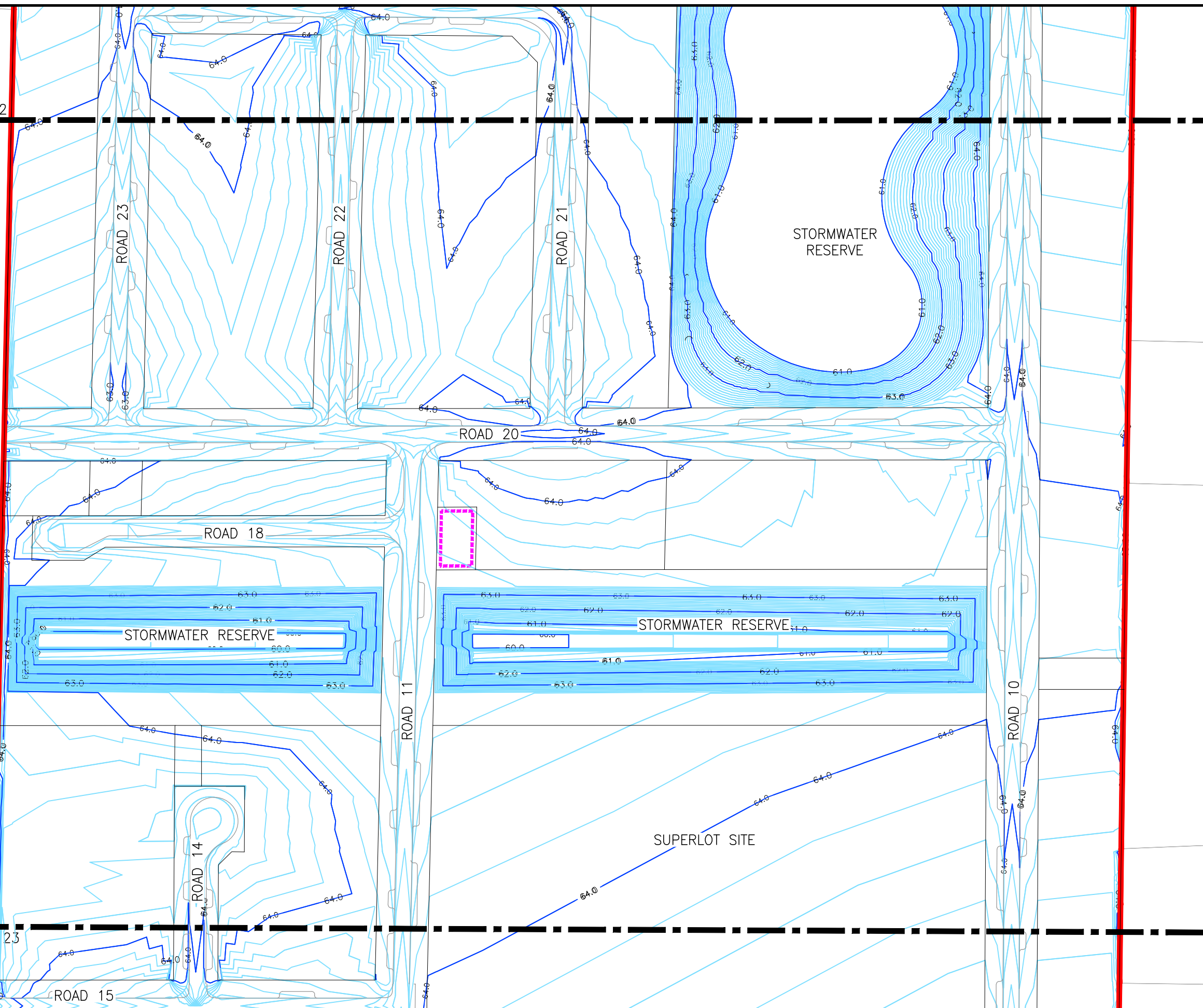


LEGEND

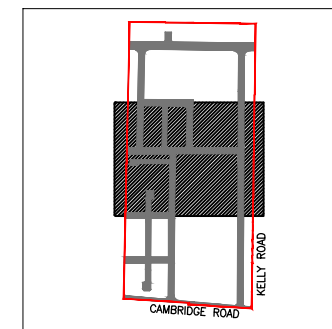
-  3MS DEVELOPMENT BOUNDARY
-  WDC WORKS BOUNDARY
-  66 DESIGN CONTOUR (1.0m INTERVAL)
-  DESIGN CONTOUR (0.2m INTERVAL)

NOTES:

1. CONCEPT DESIGN ONLY. EARTHWORKS CONTOURS SHOWN ARE BASED ON PROPOSED DESIGN SURFACE LEVELS
2. DESIGN OF EARTHWORKS (AND ASSOCIATED INFRASTRUCTURE) IS STILL SUBJECT TO FURTHER DESIGN DEVELOPMENT AND APPROVAL BY RELEVANT AUTHORITIES
3. THE FINAL STRUCTURE PLAN LAYOUT IS SUBJECT TO CONFIRMATION BY WAIPA DISTRICT COUNCIL
4. EXISTING CONTOURS SHOWN ARE BASED ON WRC LIDAR INFORMATION (2007/2008)



MATCHLINE
17001-C-0123



KEY PLAN

REV	DESCRIPTION	BY	DATE
B	FOR INFORMATION	GCJ	27.11.20
A	FOR INFORMATION	GCJ	17.04.20

APPROVAL STATUS			
FOR INFORMATION			
DESIGNED BY	L. MCCAFFREY	DATE	03.04.20
DRAWN BY	G. JONES	DATE	03.04.20
APPROVED BY	—	DATE	—

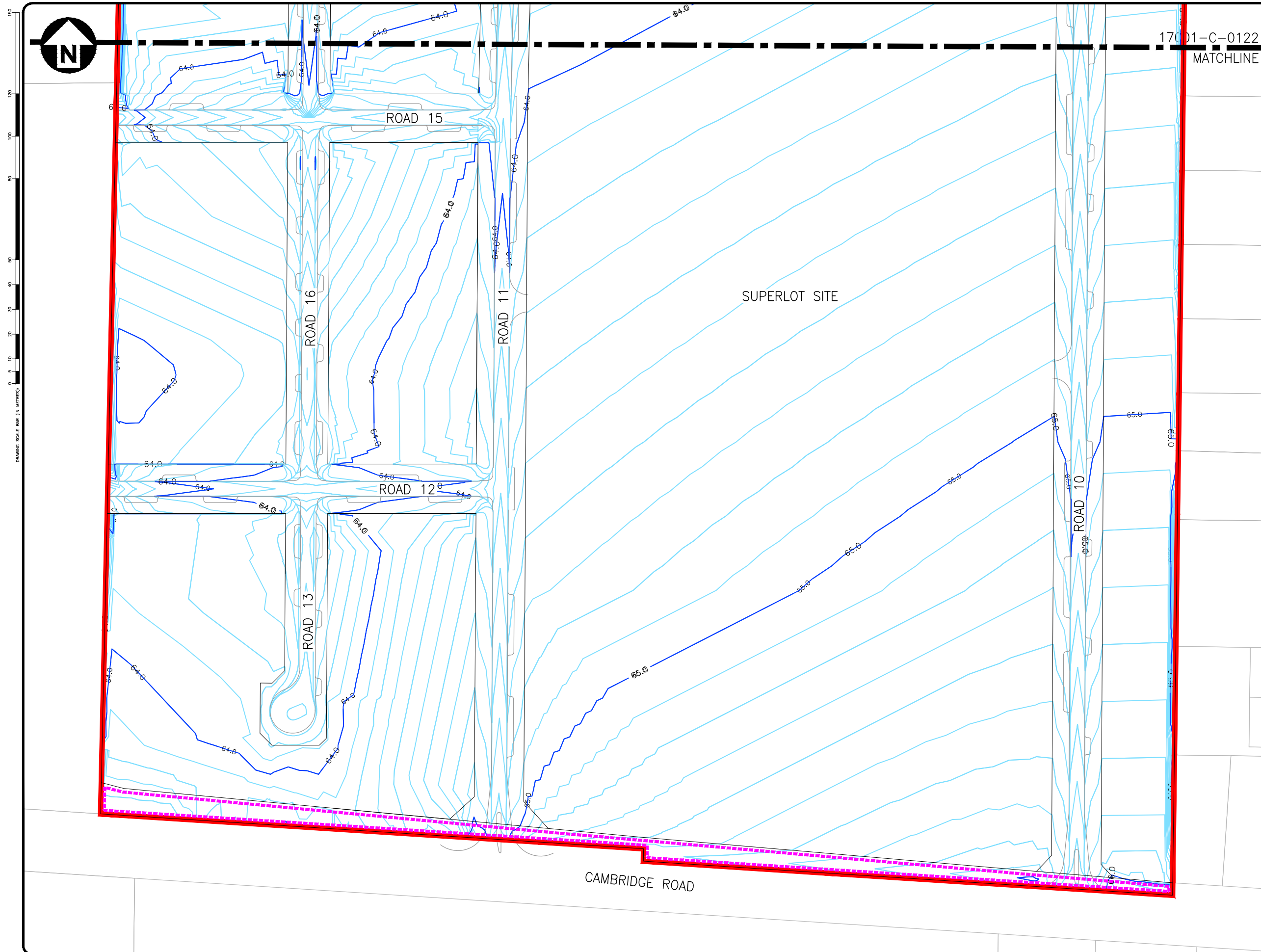


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
EARTHWORKS DESIGN CONTOURS LAYOUT PLAN
SHEET 2 OF 3



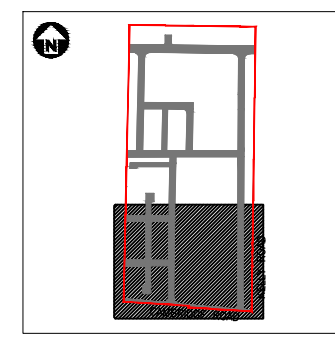
DRAWING SCALE	REVISION No.
1:1500	B
DISCIPLINE	CIVIL ENGINEERING
DRAWING No.	17001-C-0122



LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - WDC WORKS BOUNDARY
- 66 DESIGN CONTOUR (1.0m INTERVAL)
- DESIGN CONTOUR (0.2m INTERVAL)

- NOTES:**
1. CONCEPT DESIGN ONLY. EARTHWORKS CONTOURS SHOWN ARE BASED ON PROPOSED DESIGN SURFACE LEVELS
 2. DESIGN OF EARTHWORKS (AND ASSOCIATED INFRASTRUCTURE) IS STILL SUBJECT TO FURTHER DESIGN DEVELOPMENT AND APPROVAL BY RELEVANT AUTHORITIES
 3. THE FINAL STRUCTURE PLAN LAYOUT IS SUBJECT TO CONFIRMATION BY WAIPA DISTRICT COUNCIL
 4. EXISTING CONTOURS SHOWN ARE BASED ON WRC LIDAR INFORMATION (2007/2008)



KEY PLAN

REV	DESCRIPTION	BY	DATE
B	FOR INFORMATION	GCJ	27.11.20
A	FOR INFORMATION	GCJ	17.04.20

APPROVAL STATUS

FOR INFORMATION

DESIGNED BY	DATE
L. MCCAFFREY	03.04.20
DRAWN BY	DATE
G. JONES	03.04.20
APPROVED BY	DATE
—	—



PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

DRAWING TITLE

EARTHWORKS DESIGN CONTOURS LAYOUT PLAN

SHEET 3 OF 3



DRAWING SCALE	1:1500	REVISION No.	B
DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0123		

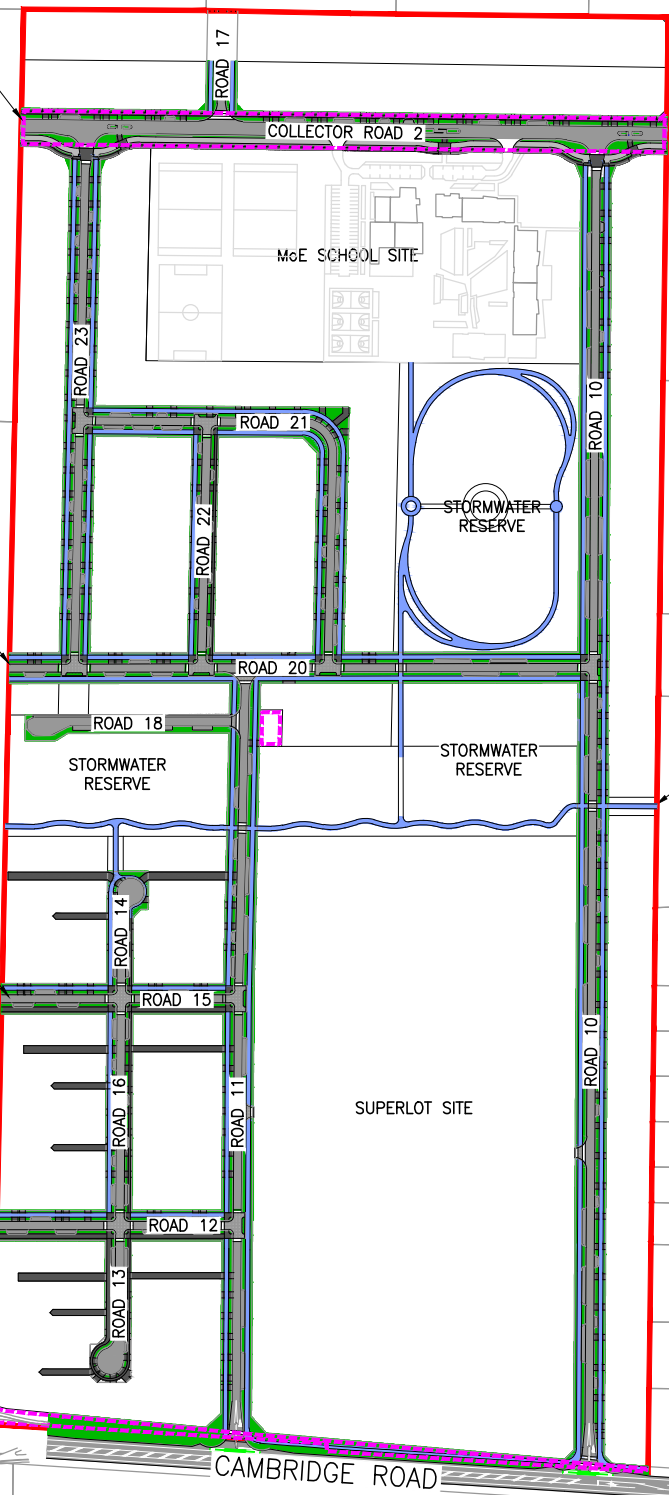


DRAWING SCALE BAR (IN METRES):
0 10 20 40 60 80 100 200 400 600

GRASSLANDS DRIVE

FUTURE COLLECTOR ROAD LINK TO STAGE 2 & 3 DEVELOPMENT AREAS (BY OTHERS)

FUTURE COLLECTOR ROAD LINK TO TAYLOR STREET ACROSS TOWN BELT RESERVE (BY OTHERS)



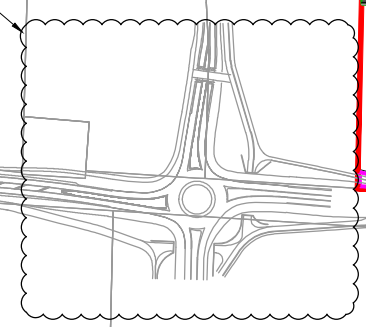
FUTURE LOCAL ROAD LINK TO STAGE 2 & 3 DEVELOPMENT AREAS (BY OTHERS)

FUTURE SHARED CONNECTION TO TOWN BELT RECREATIONAL RESERVE (BY OTHERS)

FUTURE LOCAL ROAD LINK TO STAGE 2 & 3 DEVELOPMENT AREAS (BY OTHERS)

FUTURE LOCAL ROAD LINK TO STAGE 2 & 3 DEVELOPMENT AREAS (BY OTHERS)

NEW WDC C2/C3 ROUNDABOUT INTERSECTION (BY OTHERS)



LEGEND

- 3MS DEVELOPMENT BOUNDARY
- WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
 2. THE LOCATION OF VEHICLE ACCESSWAYS AND CARPARKING TO BE CONFIRMED DURING DETAILED DESIGN
 3. KERB CUT DOWNS TO BE CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.1
 4. ALL VEHICLE CROSSINGS TO BE RESIDENTIAL TYPE AND CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.2
 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	27.11.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY	DATE



PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

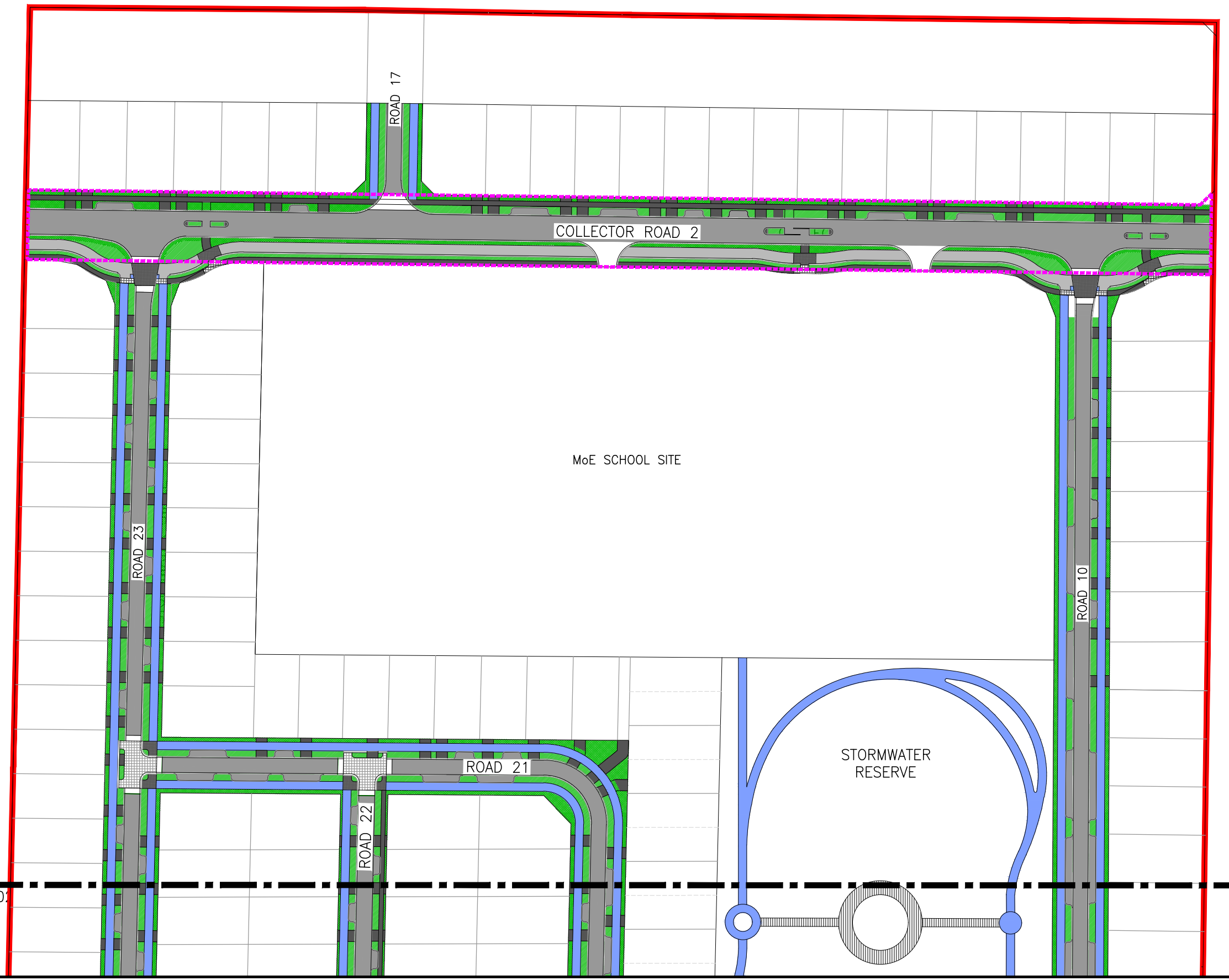
DRAWING TITLE
ROADING
GENERAL ARRANGMENT



DRAWING SCALE 1:5000	C
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0200	



DRAWING SCALE BAR (IN METRES)

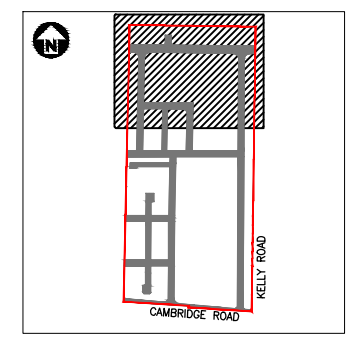


LEGEND

- 3MS DEVELOPMENT BOUNDARY
- WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- ### NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
 2. THE LOCATION OF VEHICLE ACCESSWAYS AND CARPARKING TO BE CONFIRMED DURING DETAILED DESIGN
 3. KERB CUT DOWNS TO BE CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.1
 4. ALL VEHICLE CROSSINGS TO BE RESIDENTIAL TYPE AND CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.2
 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED

MATCHLINE
17001-C-020



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	27.11.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY —	DATE —

CLIENT NAME

PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

DRAWING TITLE

ROADING LAYOUT PLAN

SHEET 1 OF 3

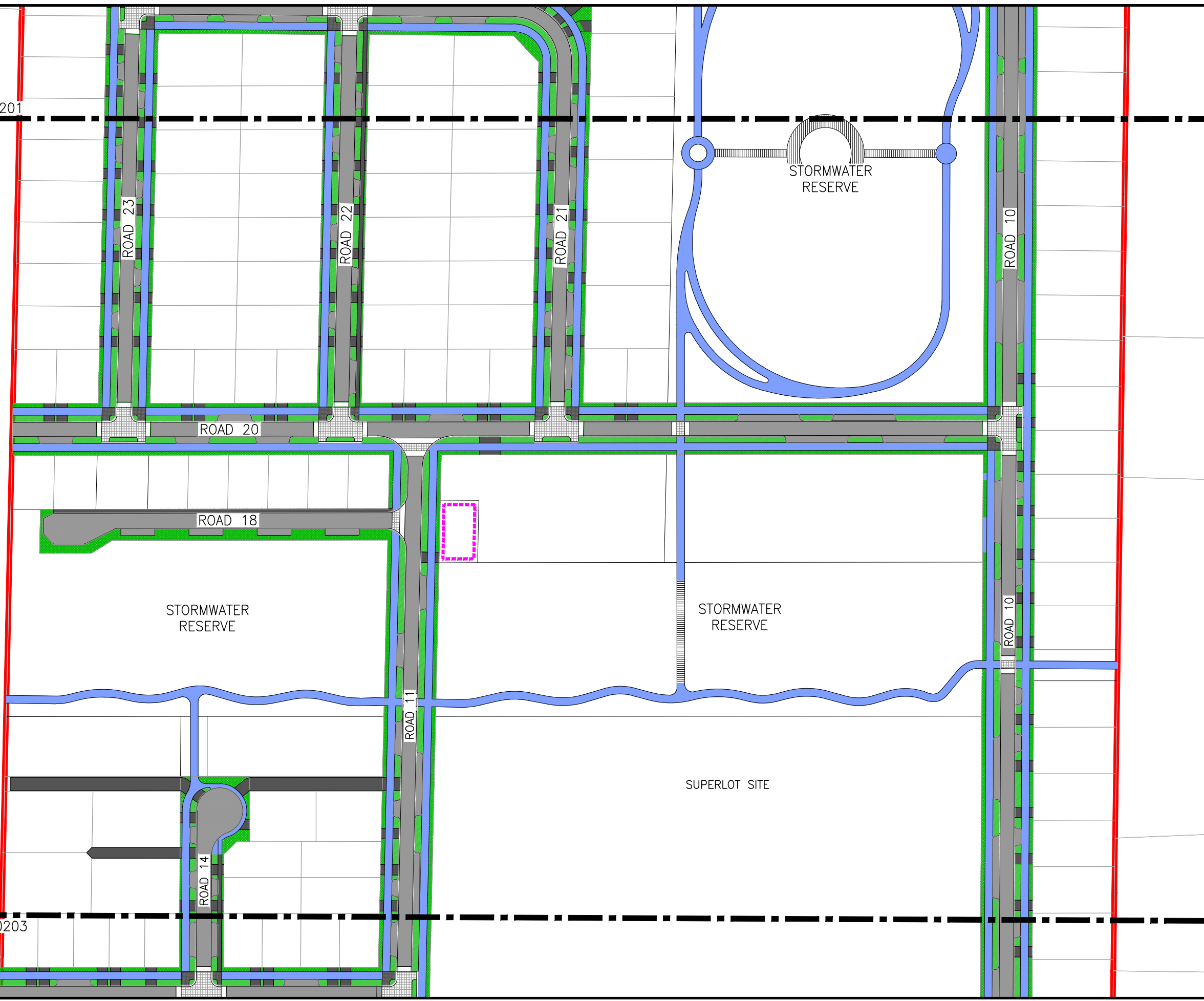
PRODUCED BY

DRAWING SCALE	REVISION No.
1:1500	C
DISCIPLINE	
CIVIL ENGINEERING	
DRAWING No.	
17001-C-0201	



17001-C-0201
MATCHLINE

DRAWING SCALE BAR (IN METRES):
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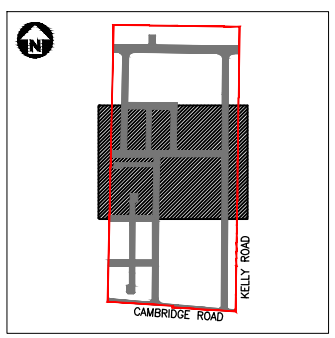


LEGEND

- 3MS DEVELOPMENT BOUNDARY
- WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

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KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	27.11.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY	L. MCCAFFREY
DATE	30.03.20
DRAWN BY	G. JONES
DATE	30.03.20
APPROVED BY	—
DATE	—

CLIENT NAME

PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

DRAWING TITLE

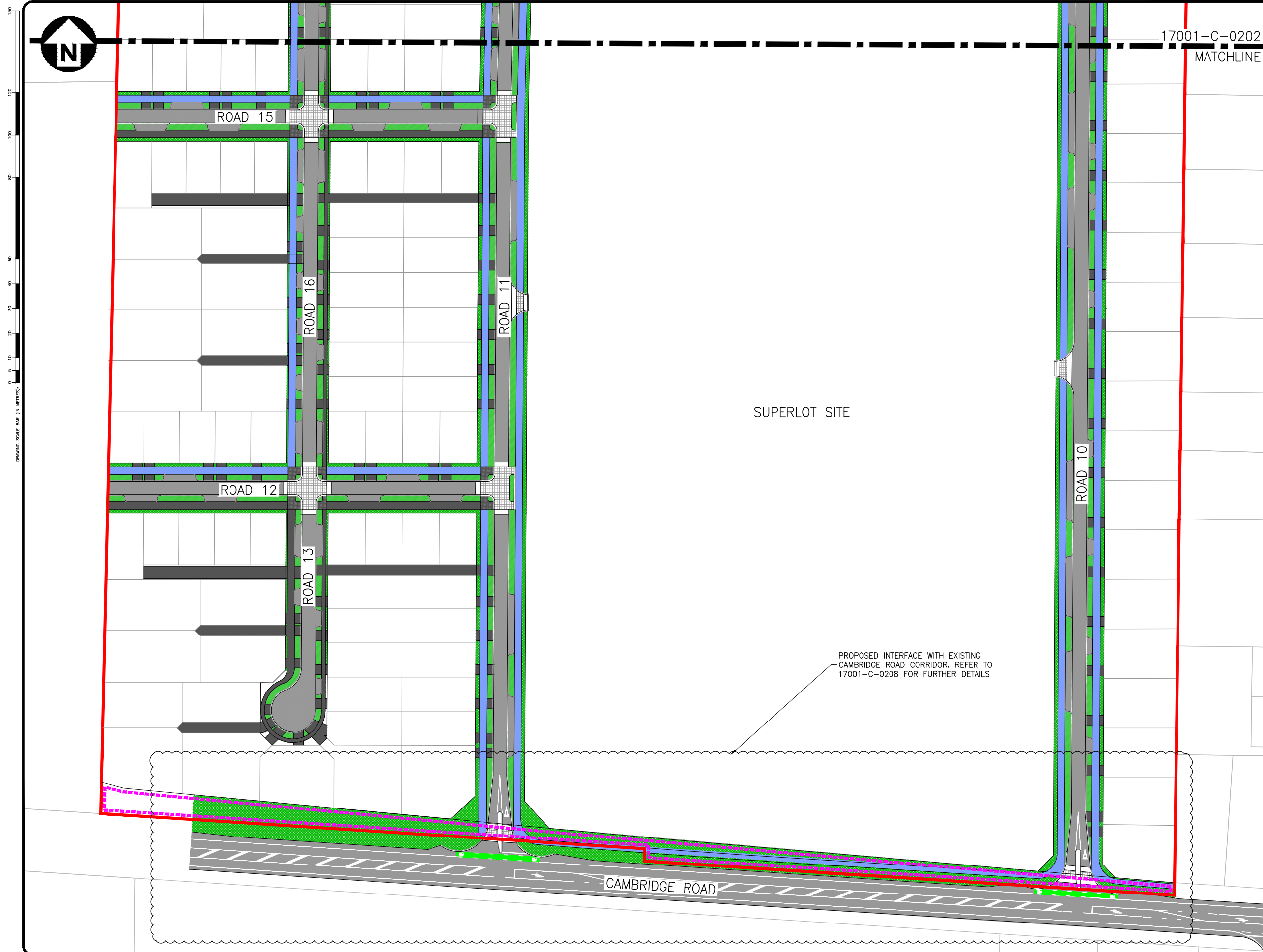
ROADING LAYOUT PLAN

SHEET 2 OF 3

PRODUCED BY

ENGINEERING CONSULTANTS

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DISCIPLINE	CIVIL ENGINEERING	
DRAWING No.	17001-C-0202	



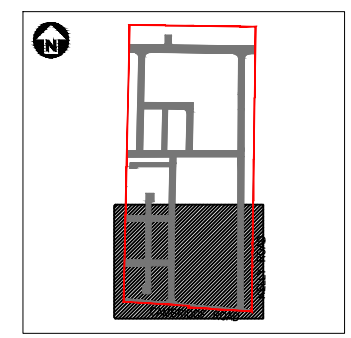
LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
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SUPERLOT SITE

PROPOSED INTERFACE WITH EXISTING CAMBRIDGE ROAD CORRIDOR. REFER TO 17001-C-0208 FOR FURTHER DETAILS



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	27.11.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY	DATE

CLIENT NAME

PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

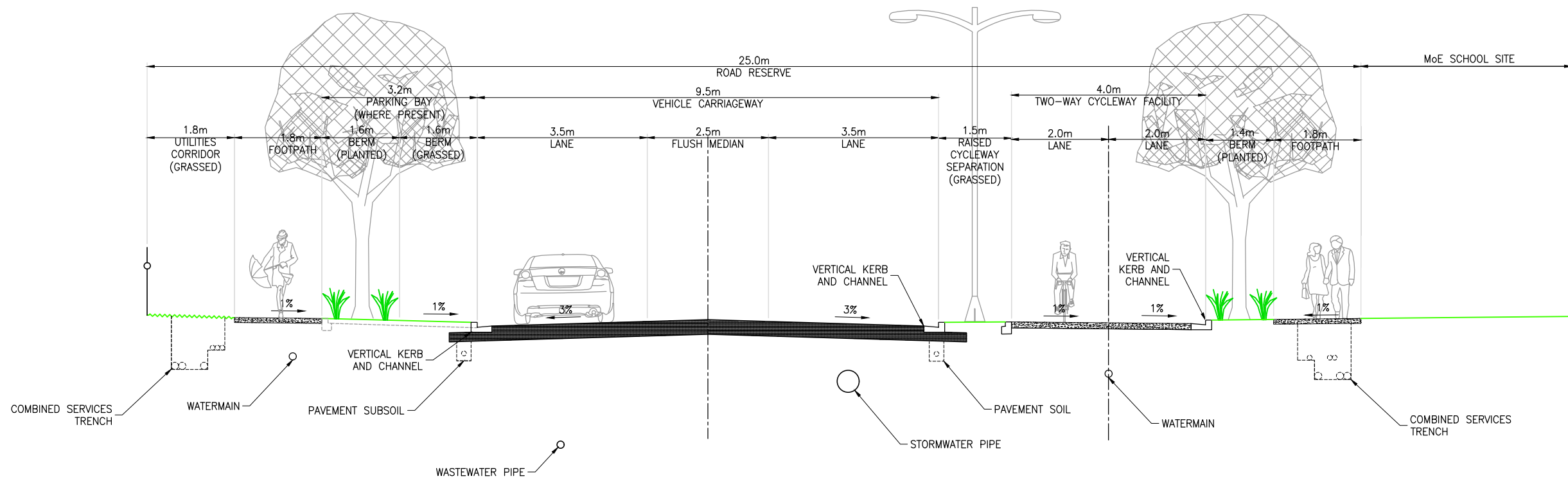
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ROADING LAYOUT PLAN

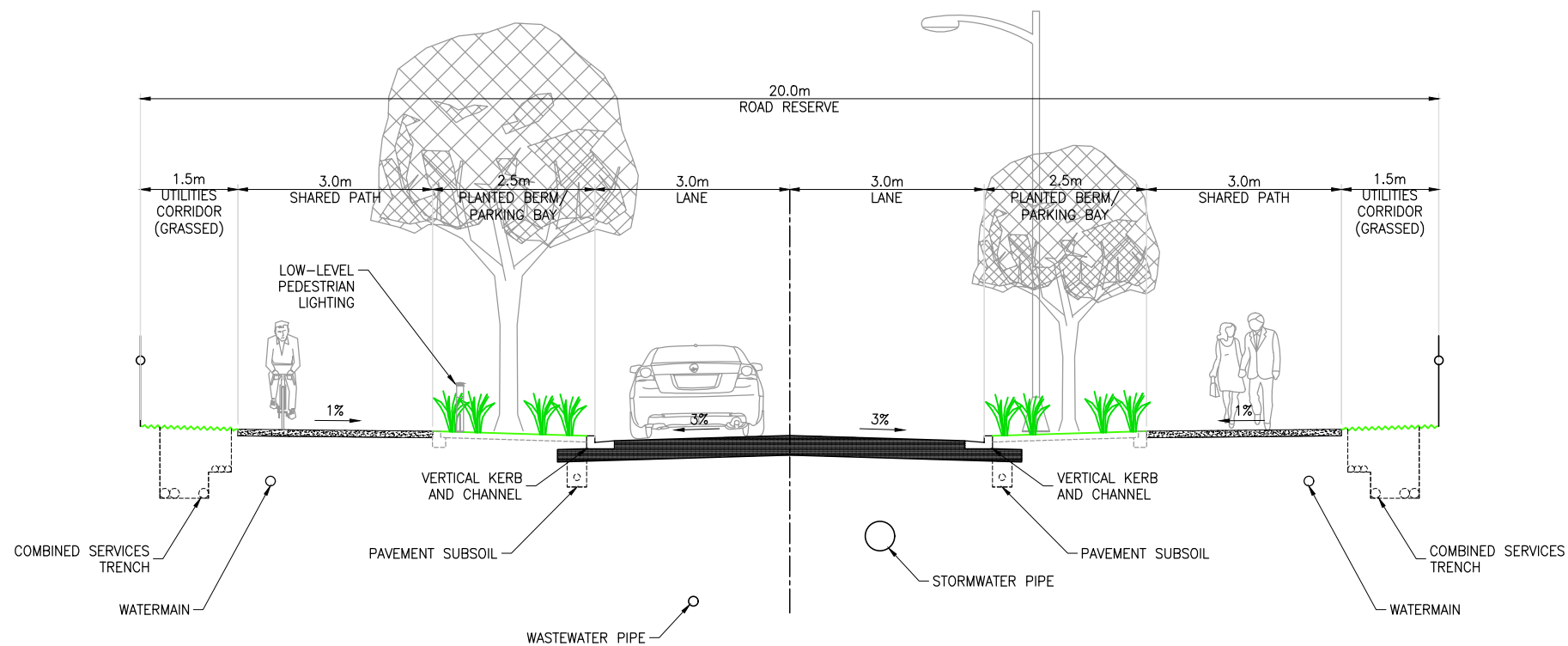
SHEET 3 OF 3

PRODUCED BY

DRAWING SCALE	1:1500	REVISION No.	C
DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0203		



TYPICAL CROSS SECTION – 25m WDC COLLECTOR ROAD
(COLLECTOR ROAD 2)



TYPICAL CROSS SECTION – 20m LOCAL ROAD
(ROAD 10, 12, 15, 17, 19, 20 21 & 23)

NOTES:

1. TYPICAL SECTIONS SHOWN ARE CONCEPTS FOR DISCUSSION PURPOSES ONLY.
2. LOCATION OF WATER SERVICES SHOWN IS INDICATIVE ONLY AND SUBJECT TO FURTHER DESIGN.

DRAWING SCALE BAR (IN METRES)

I	FOR INFORMATION – COLLECTOR ROAD UPDATED	LPM	27.11.20
H	FOR INFORMATION – 3MS ONLY UPDATE	LPM	04.11.20
G	FOR INFORMATION	GCJ	10.08.20
F	FOR INFORMATION	GCJ	17.04.20
REV	DESCRIPTION	BY	DATE

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY	DATE
L. MCCAFFREY	15.01.20
DRAWN BY	DATE
G. JONES	15.01.20
APPROVED BY	DATE
—	—

CLIENT NAME

PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

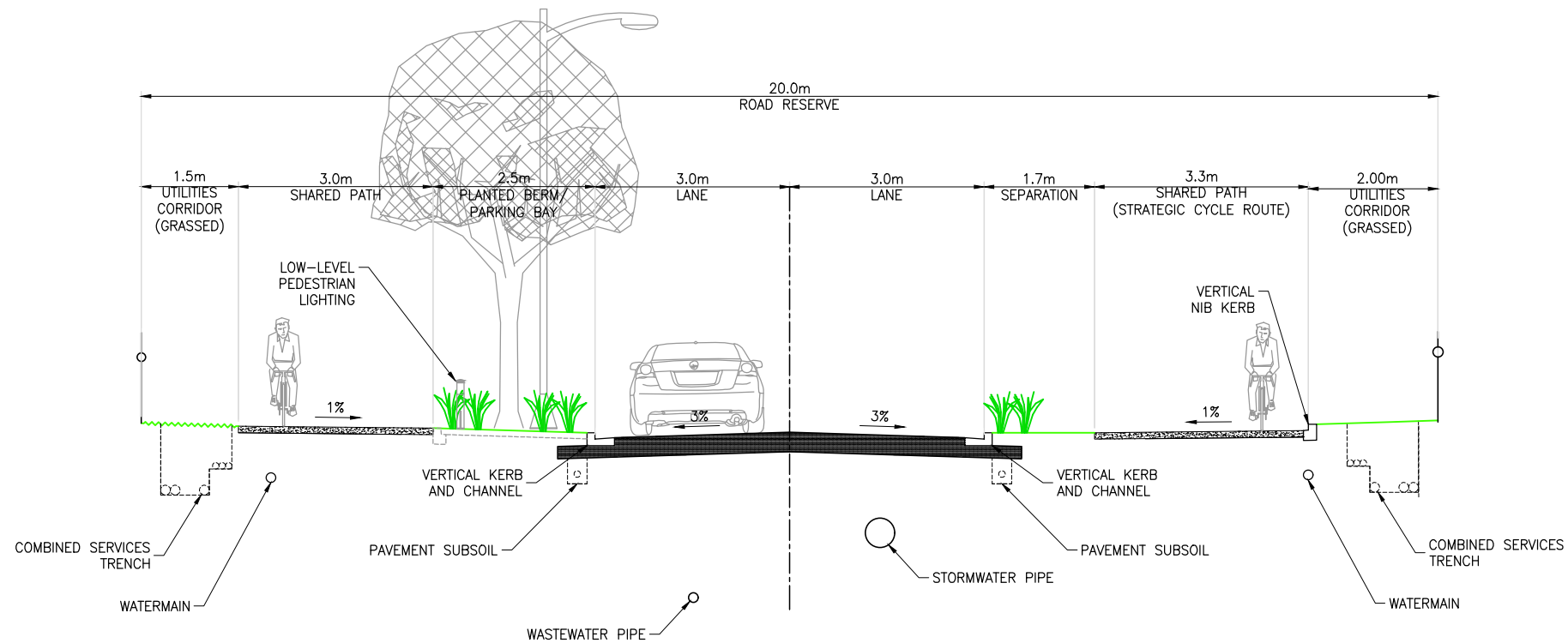
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ROADING NETWORK
TYPICAL CROSS SECTIONS

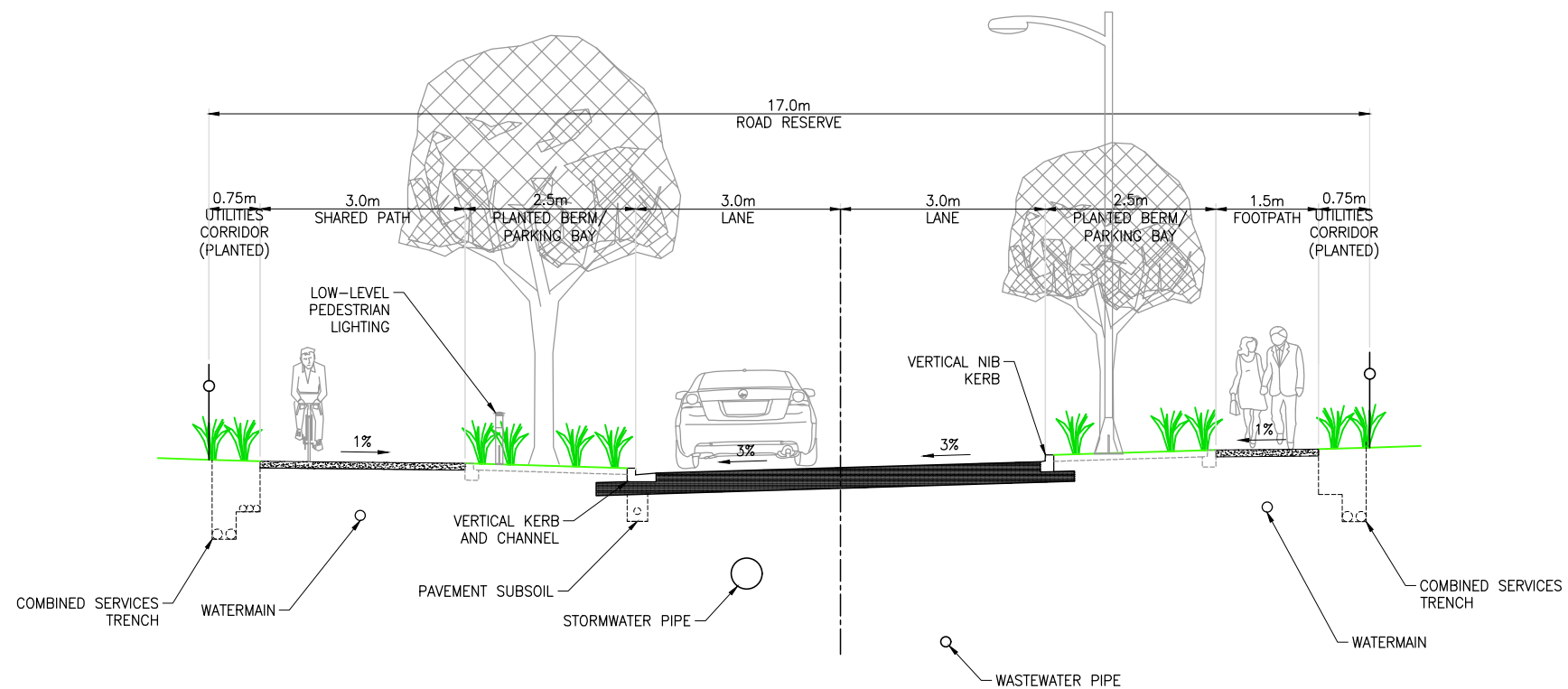
SHEET 1

PRODUCED BY

DRAWING SCALE	1:100	REVISION No.	1
DISCIPLINE	CIVIL ENGINEERING	DRAWING No.	17001-C-0204



TYPICAL CROSS SECTION – 20m LOCAL ROAD / STRATEGIC CYCLING CONNECTION
(ROAD 11)



TYPICAL CROSS SECTION – 17m LOCAL ACCESS ROAD
(ROAD 13, 14, 16 & 22)

NOTES:

1. TYPICAL SECTIONS SHOWN ARE CONCEPTS FOR DISCUSSION PURPOSES ONLY.
2. LOCATION OF WATER SERVICES SHOWN IS INDICATIVE ONLY AND SUBJECT TO FURTHER DESIGN.

DRAWING SCALE BAR (IN METRES)

G	FOR INFORMATION – 3MS ONLY UPDATE	LPM	03.11.20
F	FOR INFORMATION	GCJ	10.08.20
E	FOR INFORMATION	GCJ	17.04.20
D	FOR INFORMATION	LPM	30.03.20
REV	DESCRIPTION	BY	DATE

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY	DATE
L. MCCAFFREY	15.01.20
DRAWN BY	DATE
G. JONES	15.01.20
APPROVED BY	DATE
—	—

CLIENT NAME

PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

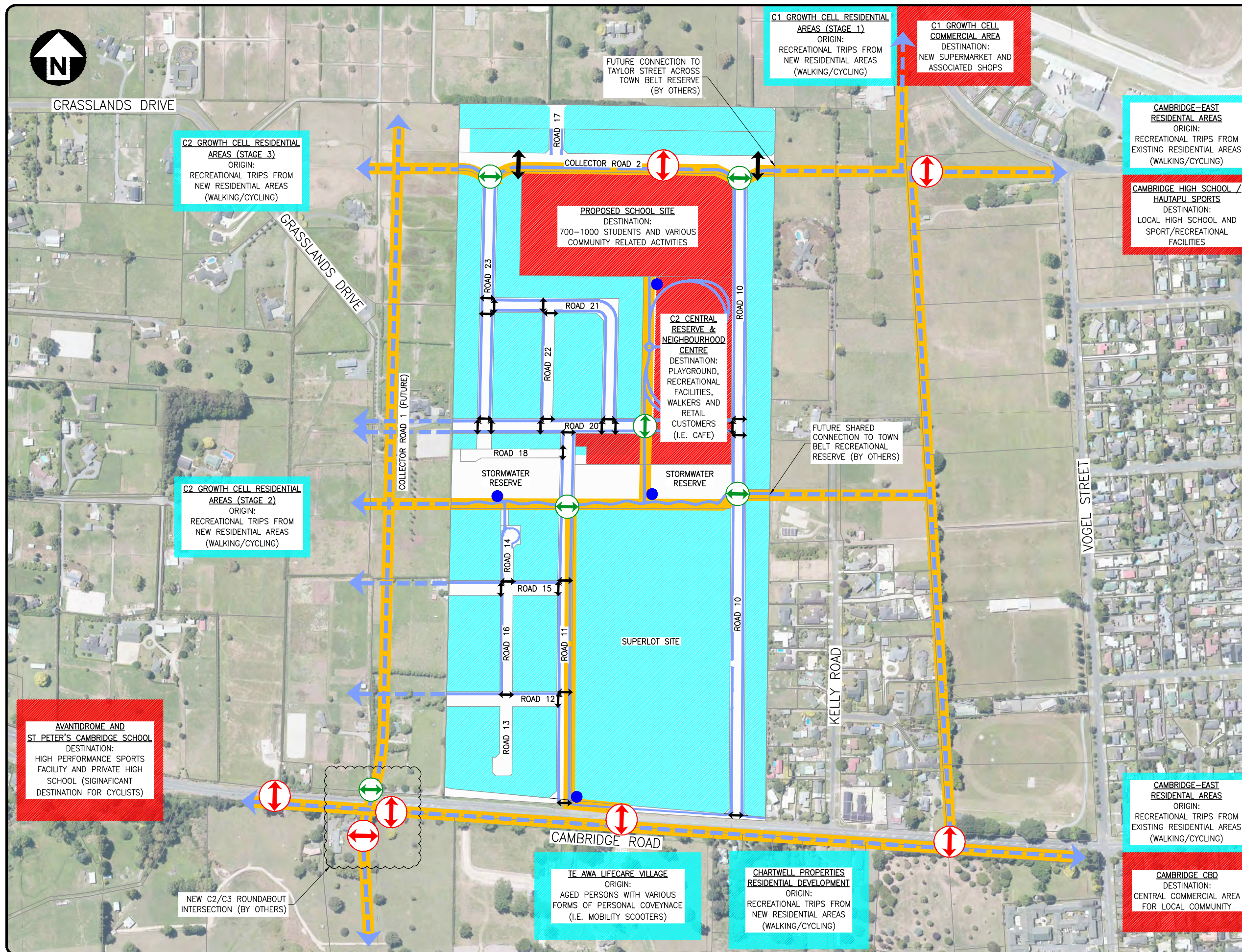
DRAWING TITLE

ROADING NETWORK TYPICAL CROSS SECTIONS

SHEET 2

PRODUCED BY

DRAWING SCALE	1:100	REVISION No. G
DISCIPLINE	CIVIL ENGINEERING	
DRAWING No.	17001-C-0205	



LEGEND

- 3MS DEVELOPMENT BOUNDARY
- CENTRAL CYCLEWAY (TWO-WAY)
- SHARED PATH
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- STRUCTURE PLAN WALKING/CYCLING STRATEGY
- ORIGIN WALKING/CYCLING JOURNEY ORIGIN
- DESTINATION WALKING/CYCLING JOURNEY DESTINATION
- STRATEGIC CONNECTIVITY
- FUTURE WALKING/CYCLING NETWORK LINK
- STRATEGIC WALKING/CYCLING CROSSING
- PRIORITY WALKING/CYCLING CROSSING (i.e. VEHICLES GIVE-WAY)
- STANDARD WALKING/CYCLING CROSSING
- POSSIBLE CYCLE PARKING/RELATED AMENITIES FACILITIES

AVANTIDROME AND ST PETER'S CAMBRIDGE SCHOOL
 DESTINATION:
 HIGH PERFORMANCE SPORTS FACILITY AND PRIVATE HIGH SCHOOL (SIGNIFICANT DESTINATION FOR CYCLISTS)

C2 GROWTH CELL RESIDENTIAL AREAS (STAGE 3)
 ORIGIN:
 RECREATIONAL TRIPS FROM NEW RESIDENTIAL AREAS (WALKING/CYCLING)

C2 GROWTH CELL RESIDENTIAL AREAS (STAGE 2)
 ORIGIN:
 RECREATIONAL TRIPS FROM NEW RESIDENTIAL AREAS (WALKING/CYCLING)

TE AWA LIFECARE VILLAGE
 ORIGIN:
 AGED PERSONS WITH VARIOUS FORMS OF PERSONAL COVEYNACE (I.E. MOBILITY SCOOTERS)

CHARTWELL PROPERTIES RESIDENTIAL DEVELOPMENT
 ORIGIN:
 RECREATIONAL TRIPS FROM NEW RESIDENTIAL AREAS (WALKING/CYCLING)

C1 GROWTH CELL RESIDENTIAL AREAS (STAGE 1)
 ORIGIN:
 RECREATIONAL TRIPS FROM NEW RESIDENTIAL AREAS (WALKING/CYCLING)

C1 GROWTH CELL COMMERCIAL AREA
 DESTINATION:
 NEW SUPERMARKET AND ASSOCIATED SHOPS

CAMBRIDGE-EAST RESIDENTIAL AREAS
 ORIGIN:
 RECREATIONAL TRIPS FROM EXISTING RESIDENTIAL AREAS (WALKING/CYCLING)

CAMBRIDGE HIGH SCHOOL / HAUTAPU SPORTS
 DESTINATION:
 LOCAL HIGH SCHOOL AND SPORT/RECREATIONAL FACILITIES

CAMBRIDGE-EAST RESIDENTIAL AREAS
 ORIGIN:
 RECREATIONAL TRIPS FROM EXISTING RESIDENTIAL AREAS (WALKING/CYCLING)

CAMBRIDGE CBD
 DESTINATION:
 CENTRAL COMMERCIAL AREA FOR LOCAL COMMUNITY

PROPOSED SCHOOL SITE
 DESTINATION:
 700-1000 STUDENTS AND VARIOUS COMMUNITY RELATED ACTIVITIES

C2 CENTRAL RESERVE & NEIGHBOURHOOD CENTRE
 DESTINATION:
 PLAYGROUND, RECREATIONAL FACILITIES, WALKERS AND RETAIL CUSTOMERS (I.E. CAFE)

FUTURE SHARED CONNECTION TO TOWN BELT RECREATIONAL RESERVE (BY OTHERS)

FUTURE CONNECTION TO TAYLOR STREET ACROSS TOWN BELT RESERVE (BY OTHERS)

NEW C2/C3 ROUNDABOUT INTERSECTION (BY OTHERS)

D	FOR INFORMATION	GCJ	27.11.20
C	FOR INFORMATION	LPM	17.03.20
B	FOR INFORMATION	GCJ	30.03.20
A	FOR INFORMATION	LPM	31.01.20
REV	DESCRIPTION	BY	DATE

FOR INFORMATION

DESIGNED BY	L. MCCAFFREY	DATE	31.01.20
DRAWN BY	L. MCCAFFREY	DATE	31.01.20
APPROVED BY		DATE	

CLIENT NAME

PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

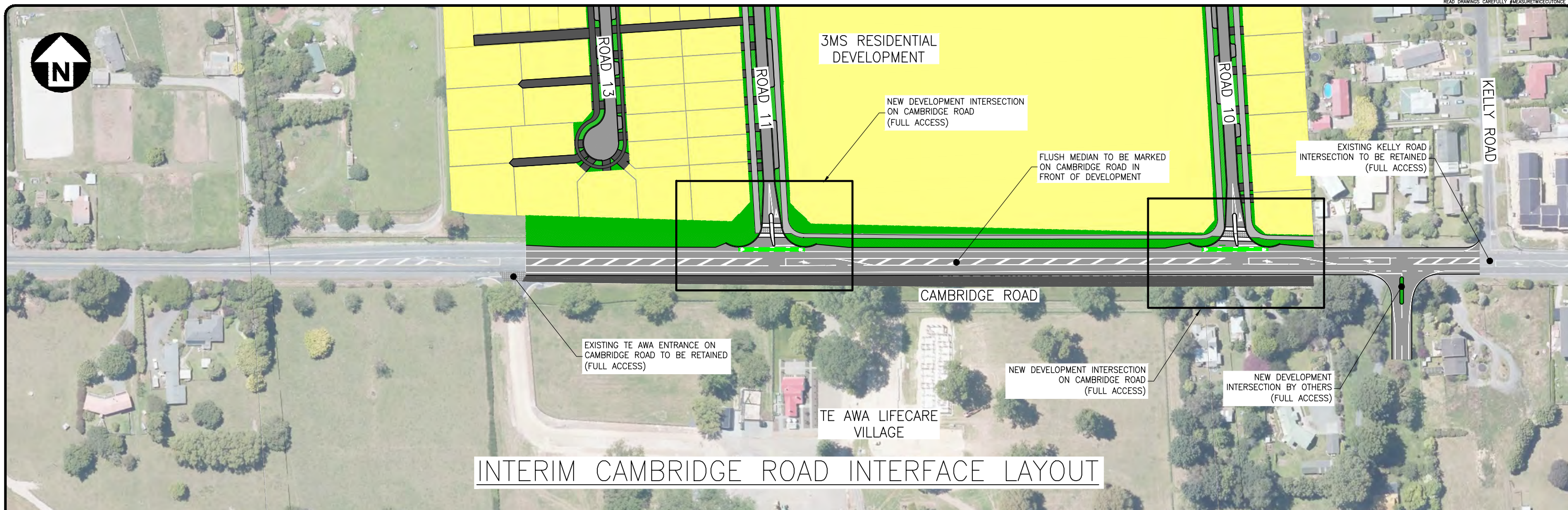
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TRANSPORT NETWORK WALKING & CYCLING NETWORK

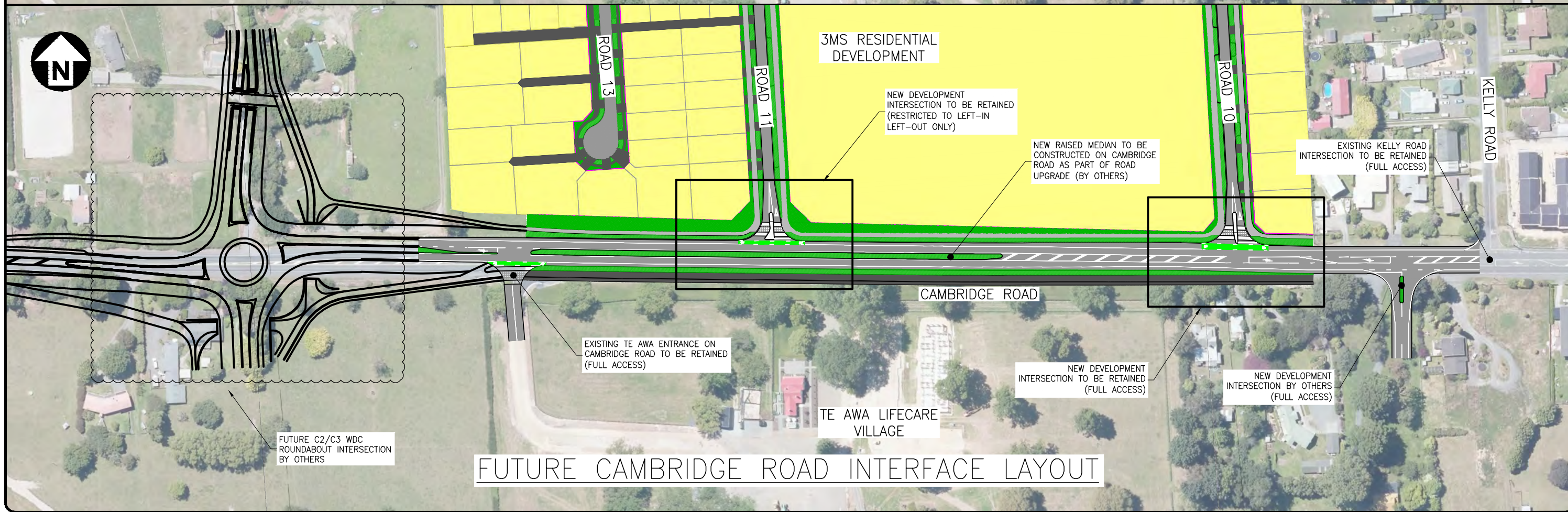
GENERAL ARRANGEMENT

PRODUCED BY

DRAWING SCALE	1:5000	REVISION No.	D
DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0207		



INTERIM CAMBRIDGE ROAD INTERFACE LAYOUT



FUTURE CAMBRIDGE ROAD INTERFACE LAYOUT

A	FOR INFORMATION	LPM	27.11.20	
REV	DESCRIPTION	BY	DATE	

APPROVAL STATUS		FOR INFORMATION	
DESIGNED BY	L. MCCAFFREY	DATE	27.11.20
DRAWN BY	L. MCCAFFREY	DATE	27.11.20
APPROVED BY		DATE	

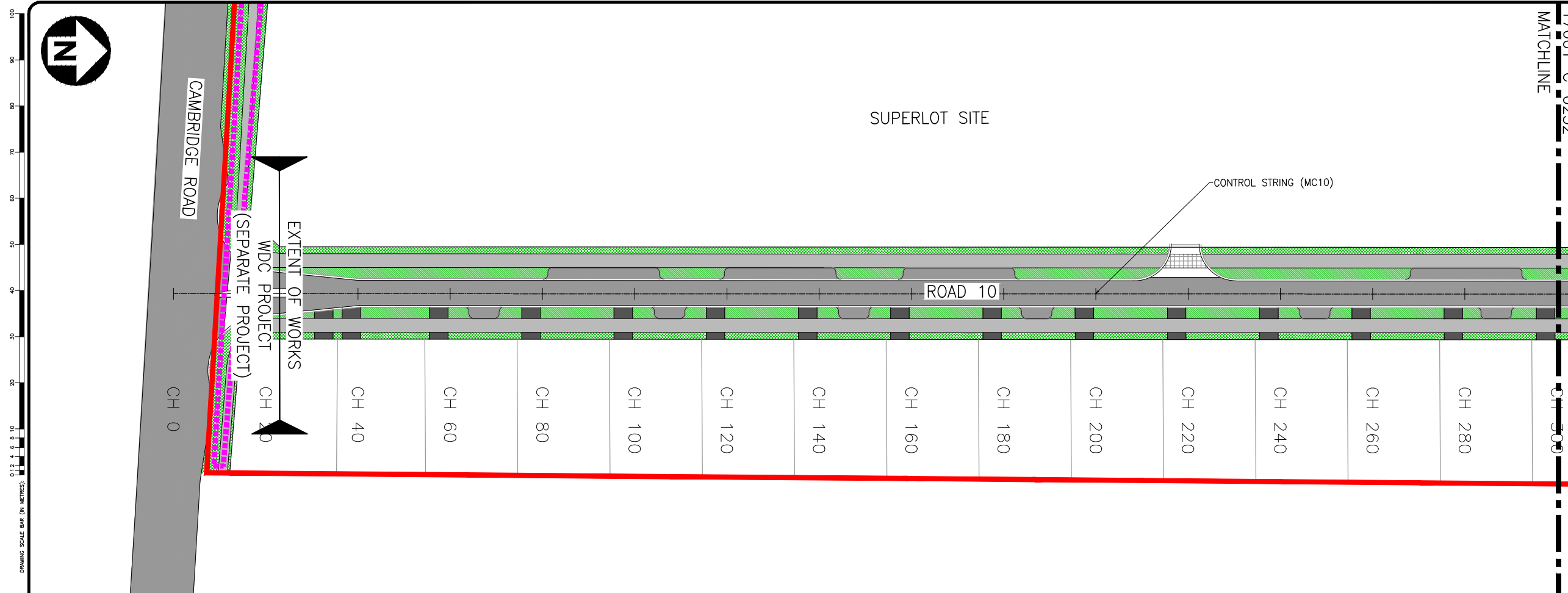


PROJECT NAME	3MS RESIDENTIAL DEVELOPMENT
	MASTER PLAN

DRAWING TITLE	TRANSPORT NETWORK CAMBRIDGE ROAD INTERFACE
	INTERIM AND FUTURE LAYOUT



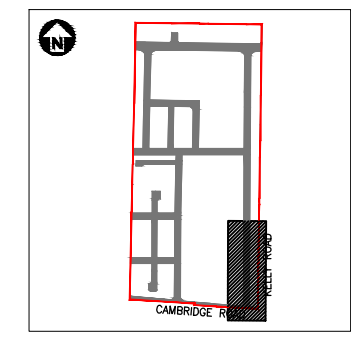
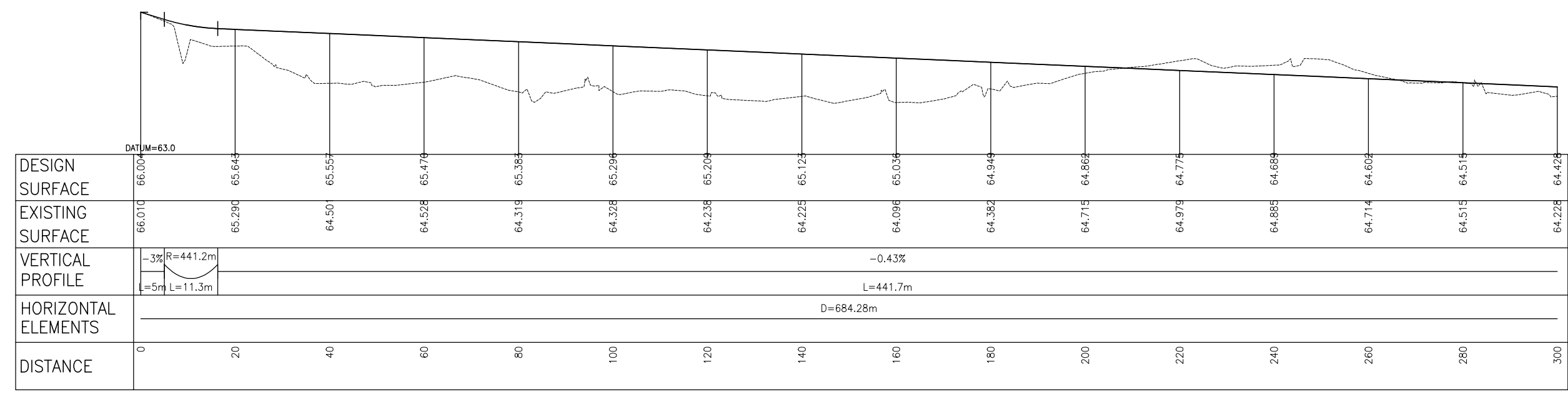
DRAWING SCALE	1:2000	REVISION No.	A
DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0207		



LEGEND

- 3MS DEVELOPMENT BOUNDARY
- WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
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REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS

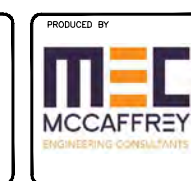
FOR INFORMATION

DESIGNED BY	DATE
L. MCCAFFREY	30.03.20
DRAWN BY	DATE
G. JONES	30.03.20
APPROVED BY	DATE
-	-

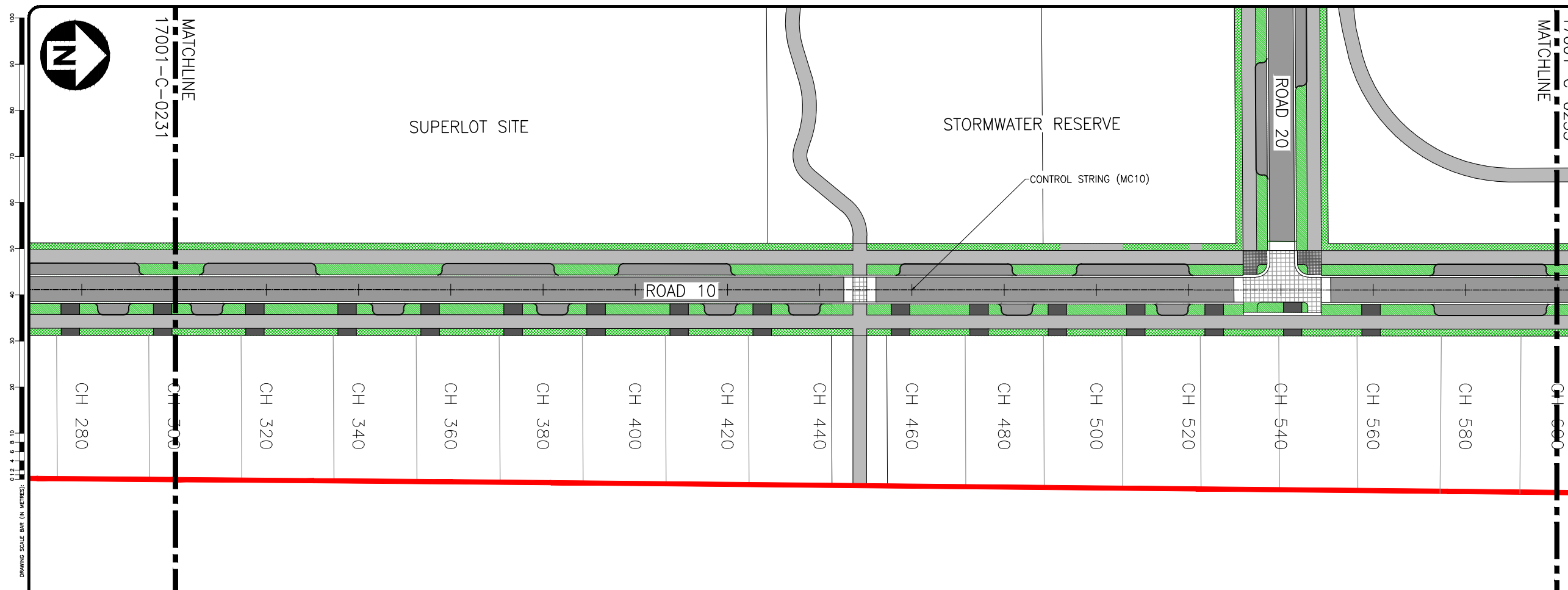


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 10
PLAN & LONGITUDINAL SECTION
SHEET 1 OF 3



DRAWING SCALE	REVISION No.
1:1000	C
DISCIPLINE	DRAWING No.
CIVIL ENGINEERING	17001-C-0231

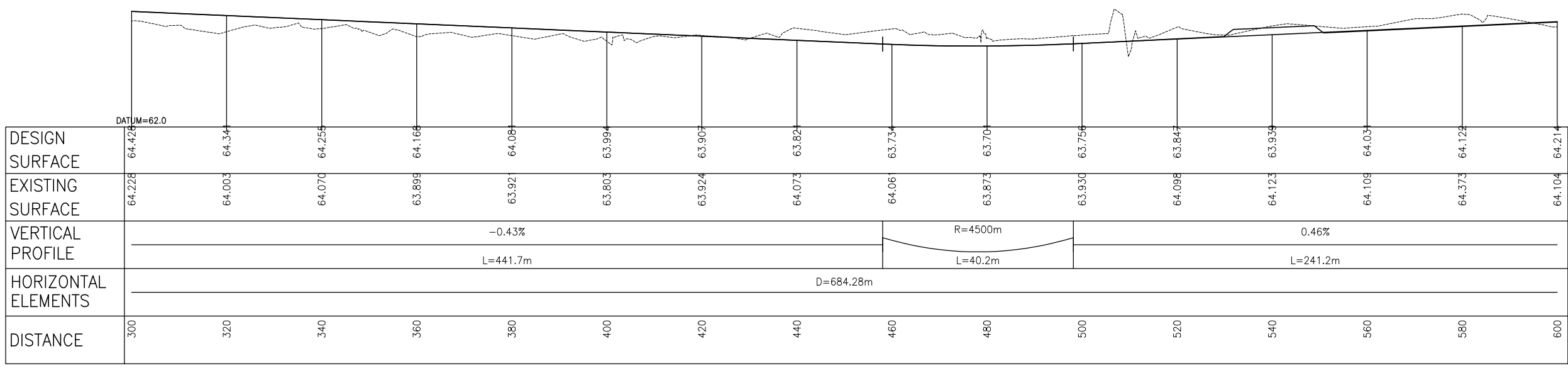


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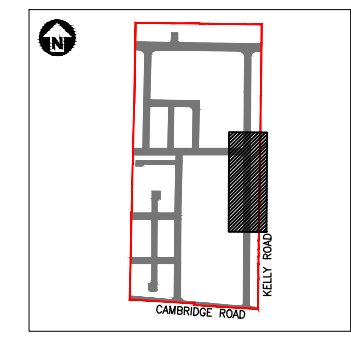
- 3MS DEVELOPMENT BOUNDARY
- - - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
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LAYOUT PLAN
SCALE = 1:1000



LONGITUDINAL SECTION - (MC10)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS

FOR INFORMATION

DESIGNED BY	DATE
L. MCCAFFREY	30.03.20
DRAWN BY	DATE
G. JONES	30.03.20
APPROVED BY	DATE
—	—



PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

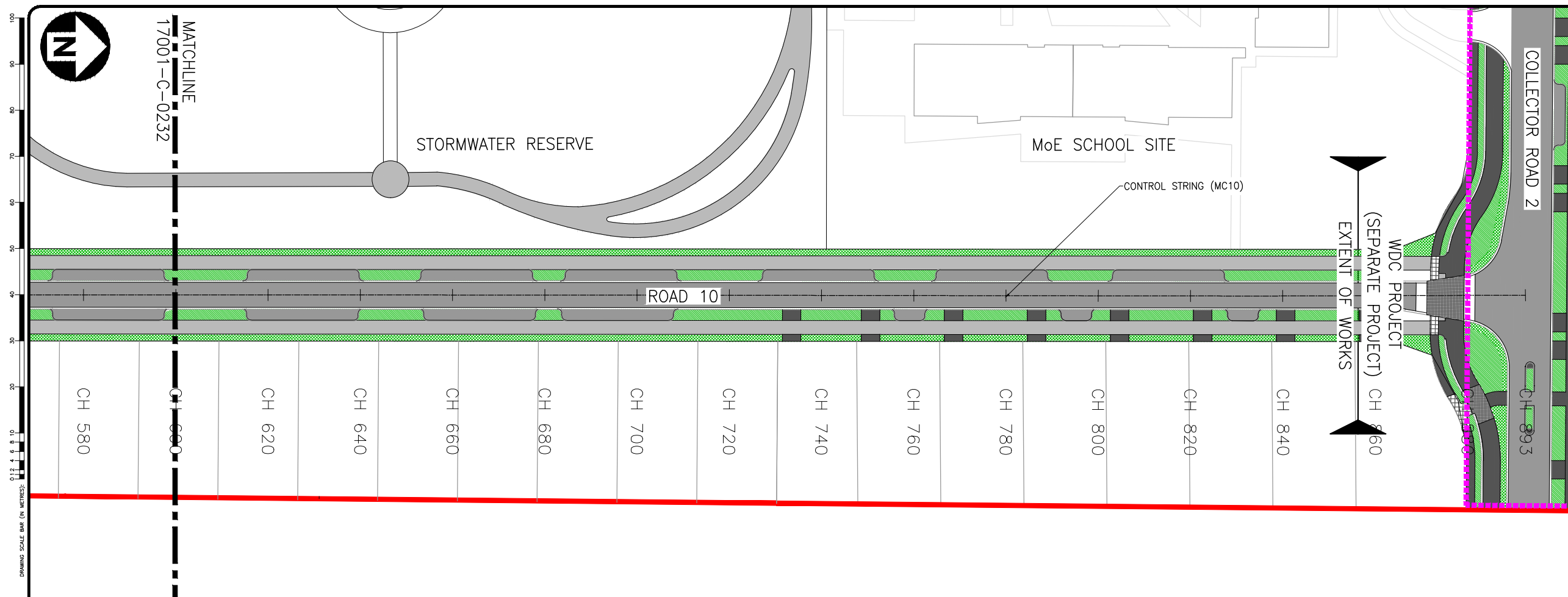
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ROAD 10
PLAN & LONGITUDINAL SECTION

SHEET 2 OF 3



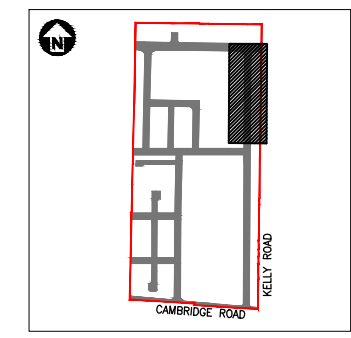
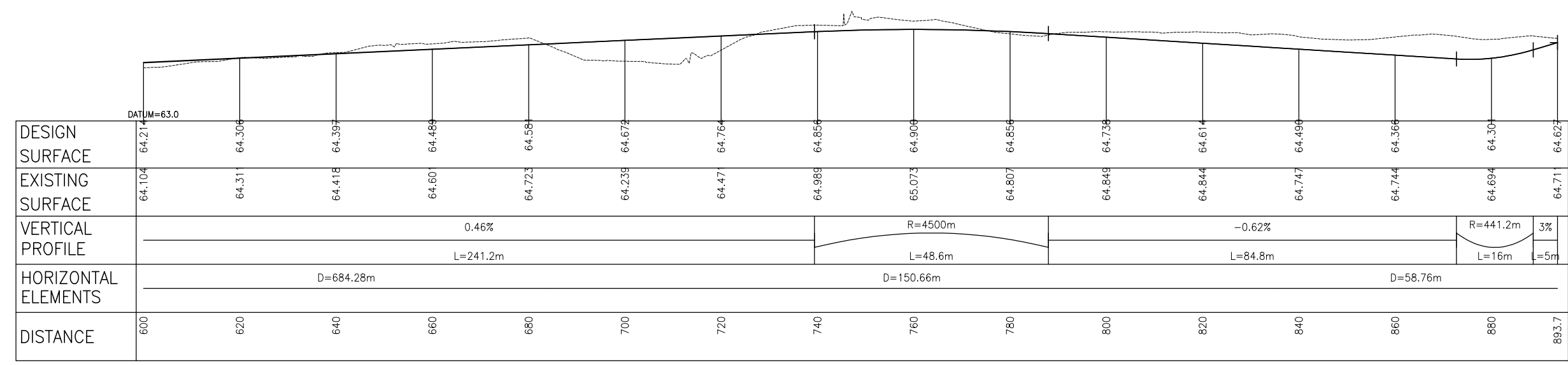
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1:1000	C
DISCIPLINE	DRAWING No.
CIVIL ENGINEERING	17001-C-0232



LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
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LONGITUDINAL SECTION - (MC10)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS

FOR INFORMATION

DESIGNED BY	DATE
L. MCCAFFREY	30.03.20
DRAWN BY	DATE
G. JONES	30.03.20
APPROVED BY	DATE

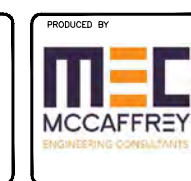


PROJECT NAME

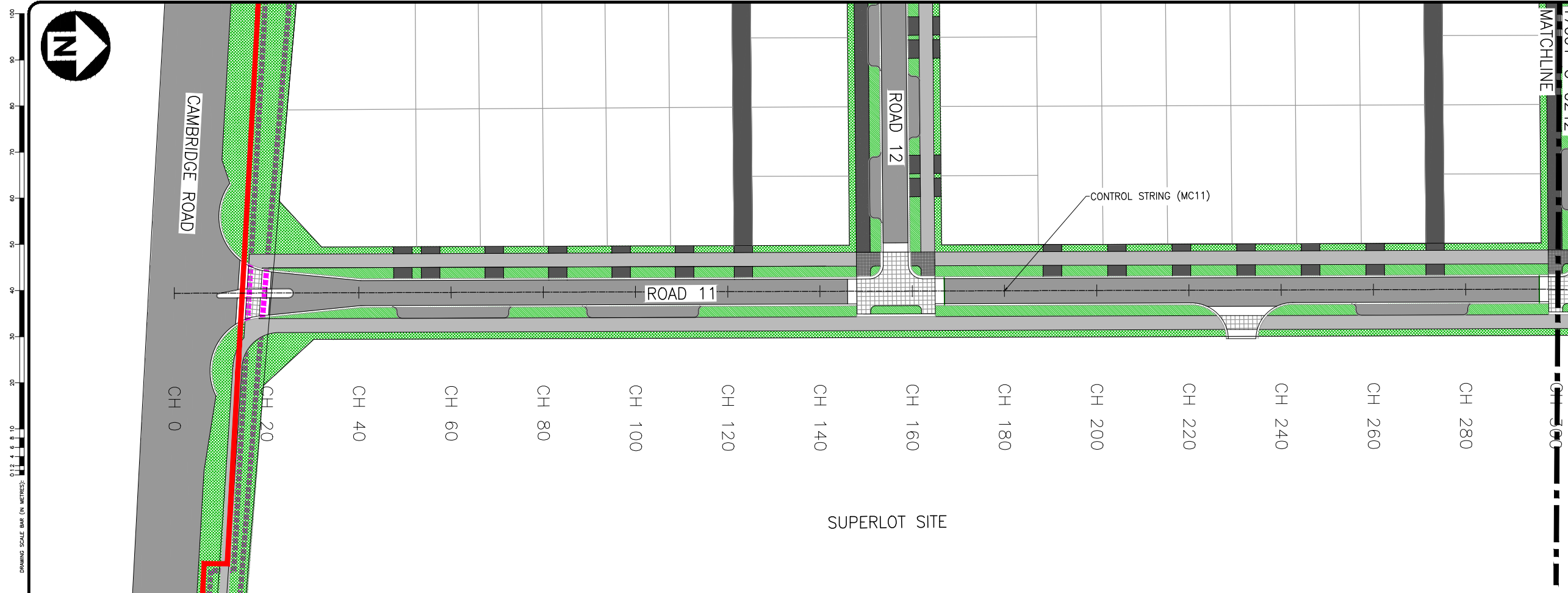
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE

ROAD 10
PLAN & LONGITUDINAL SECTION
SHEET 3 OF 3



DRAWING SCALE	REVISION No.
1:1000	C
DISCIPLINE	DRAWING No.
CIVIL ENGINEERING	17001-C-0233

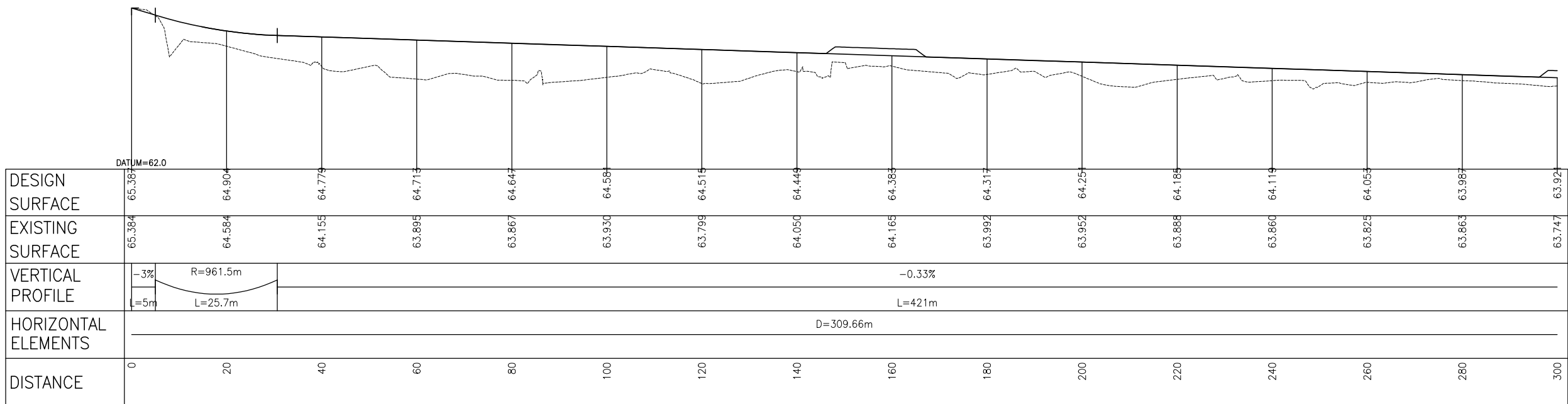


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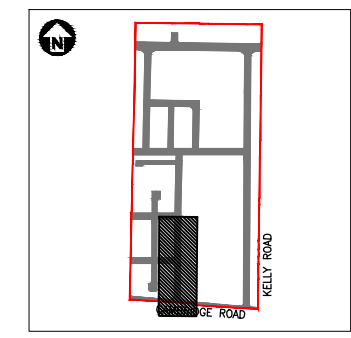
- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
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LAYOUT PLAN
SCALE = 1:1000



LONGITUDINAL SECTION - (MC11)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS

FOR INFORMATION

DESIGNED BY	DATE
L. MCCAFFREY	30.03.20
DRAWN BY	DATE
G. JONES	30.03.20
APPROVED BY	DATE
—	—



PROJECT NAME

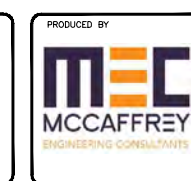
3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

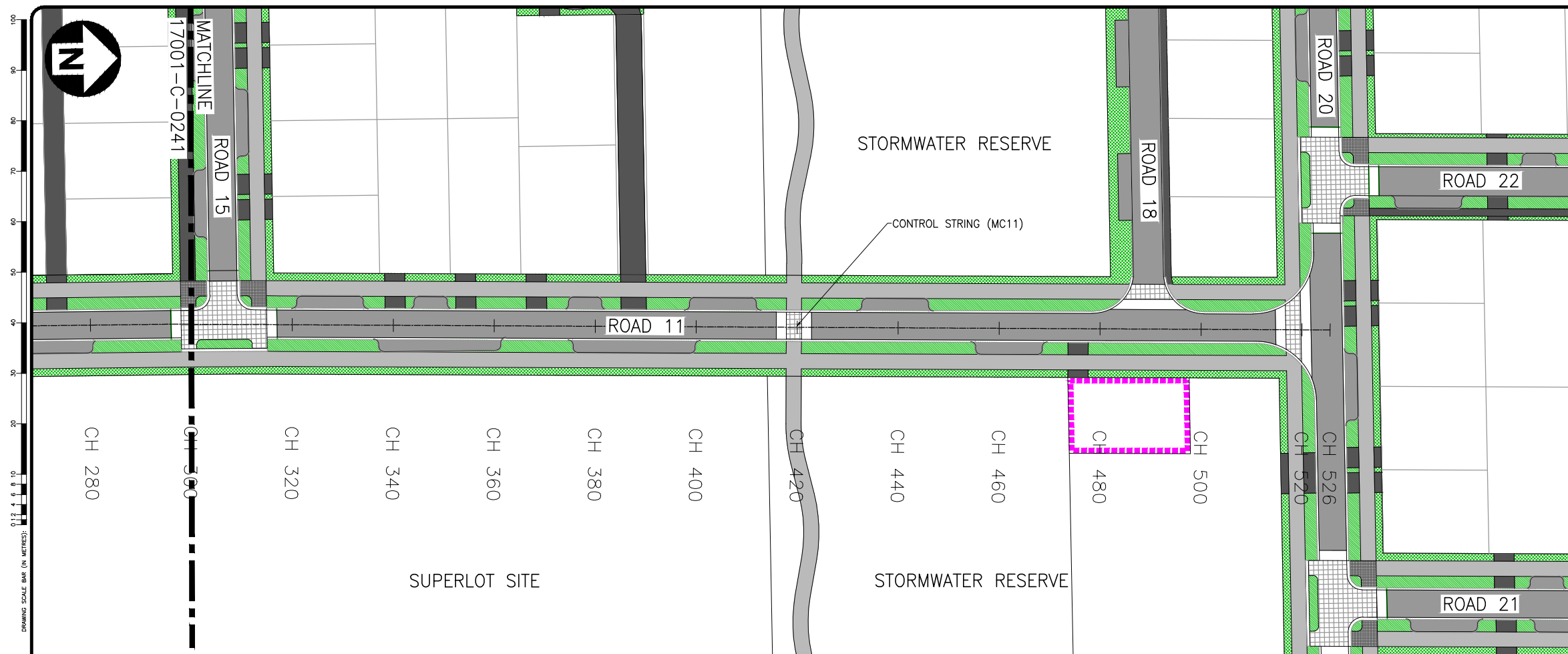
DRAWING TITLE

ROAD 11
PLAN & LONGITUDINAL SECTION

SHEET 1 OF 2



DRAWING SCALE	1:1000	REVISION No.	C
DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0241		

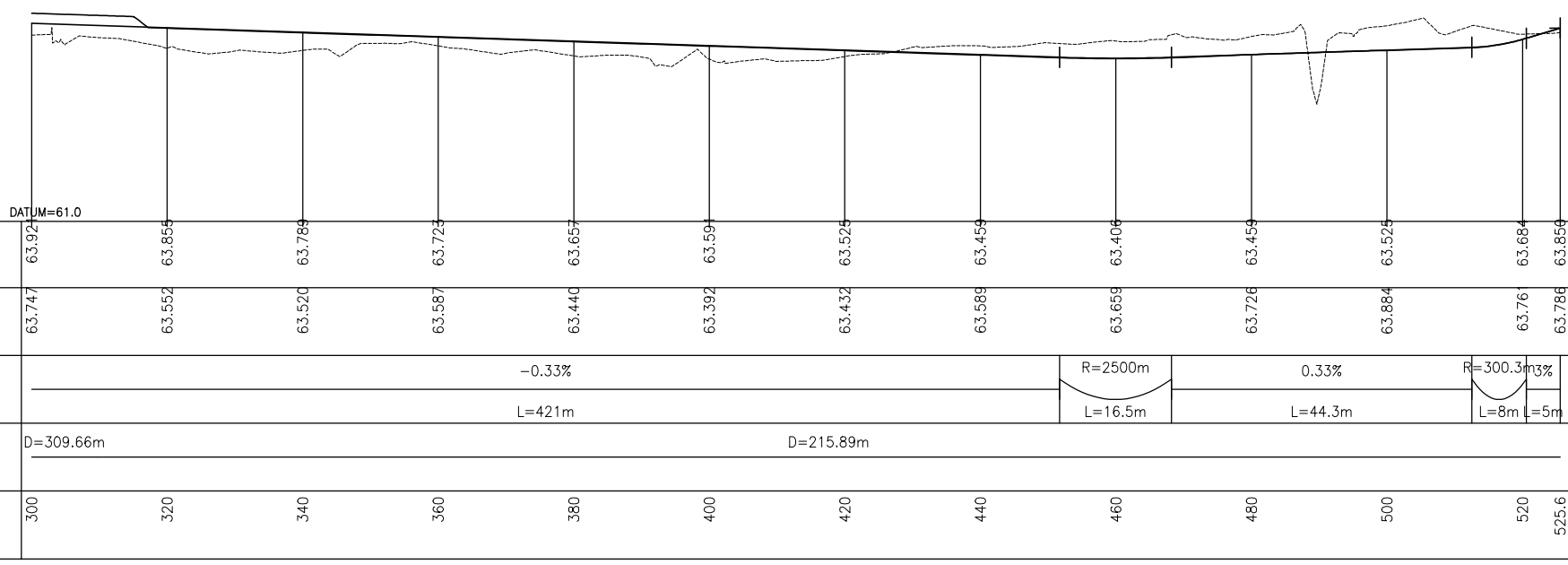


LAYOUT PLAN
SCALE = 1:1000

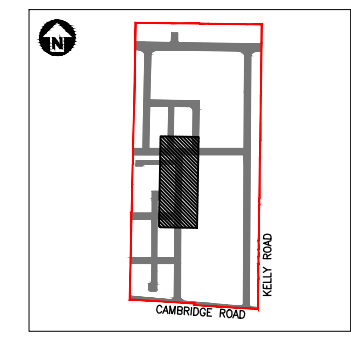
LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
 2. THE LOCATION OF VEHICLE ACCESSWAYS AND CARPARKING TO BE CONFIRMED DURING DETAILED DESIGN
 3. KERB CUT DOWNS TO BE CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.1
 4. ALL VEHICLE CROSSINGS TO BE RESIDENTIAL TYPE AND CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.2
 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC11)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS: **FOR INFORMATION**

DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY	DATE

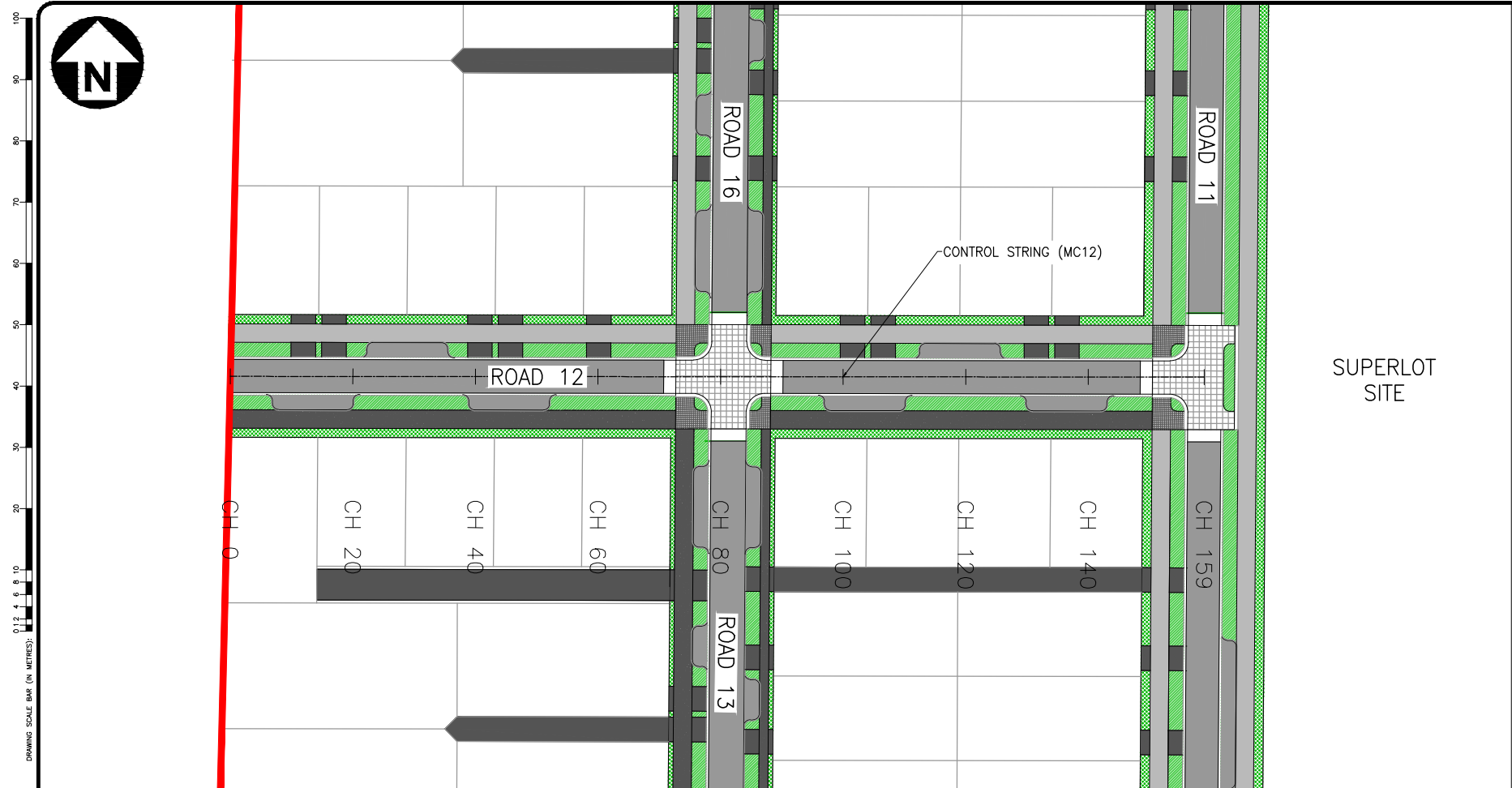


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 11
PLAN & LONGITUDINAL SECTION
SHEET 2 OF 2



DRAWING SCALE 1:1000	REVISION No. C
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0242	

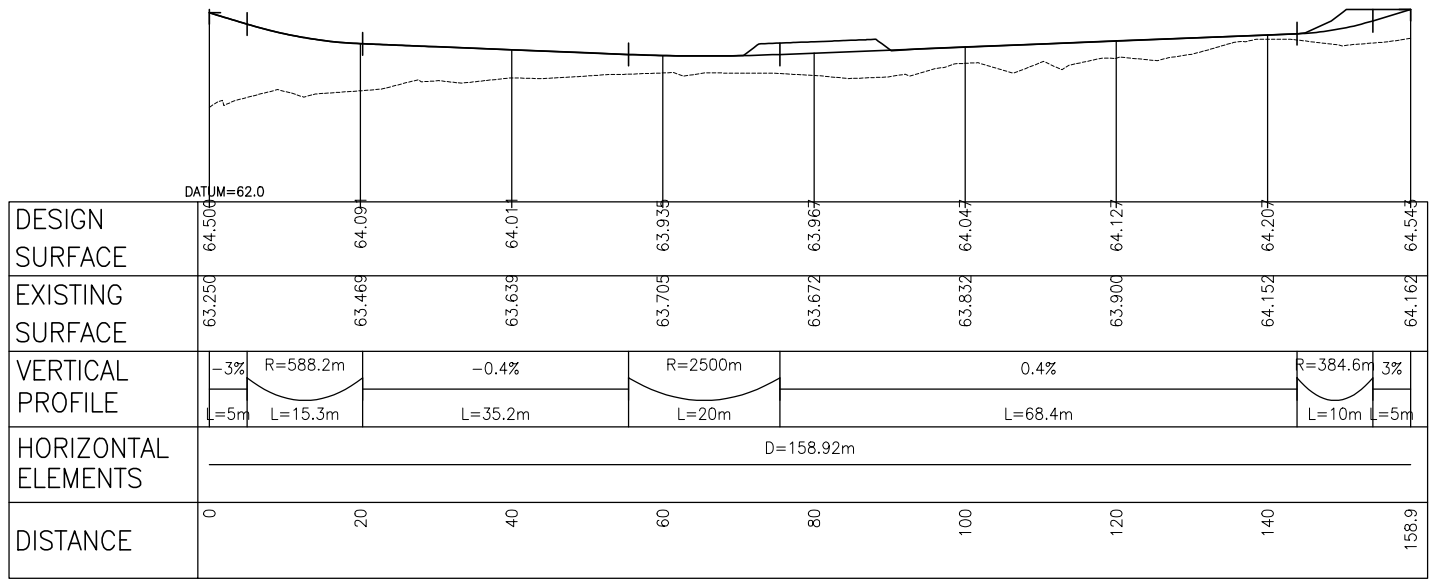


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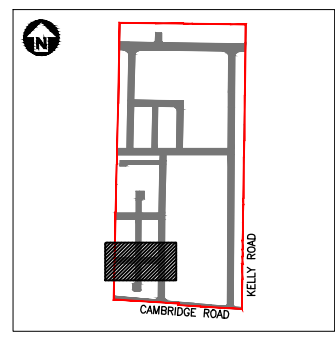
LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
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 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC12)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS

FOR INFORMATION

DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY —	DATE —



PROJECT NAME

3MS RESIDENTIAL DEVELOPMENT

MASTER PLAN

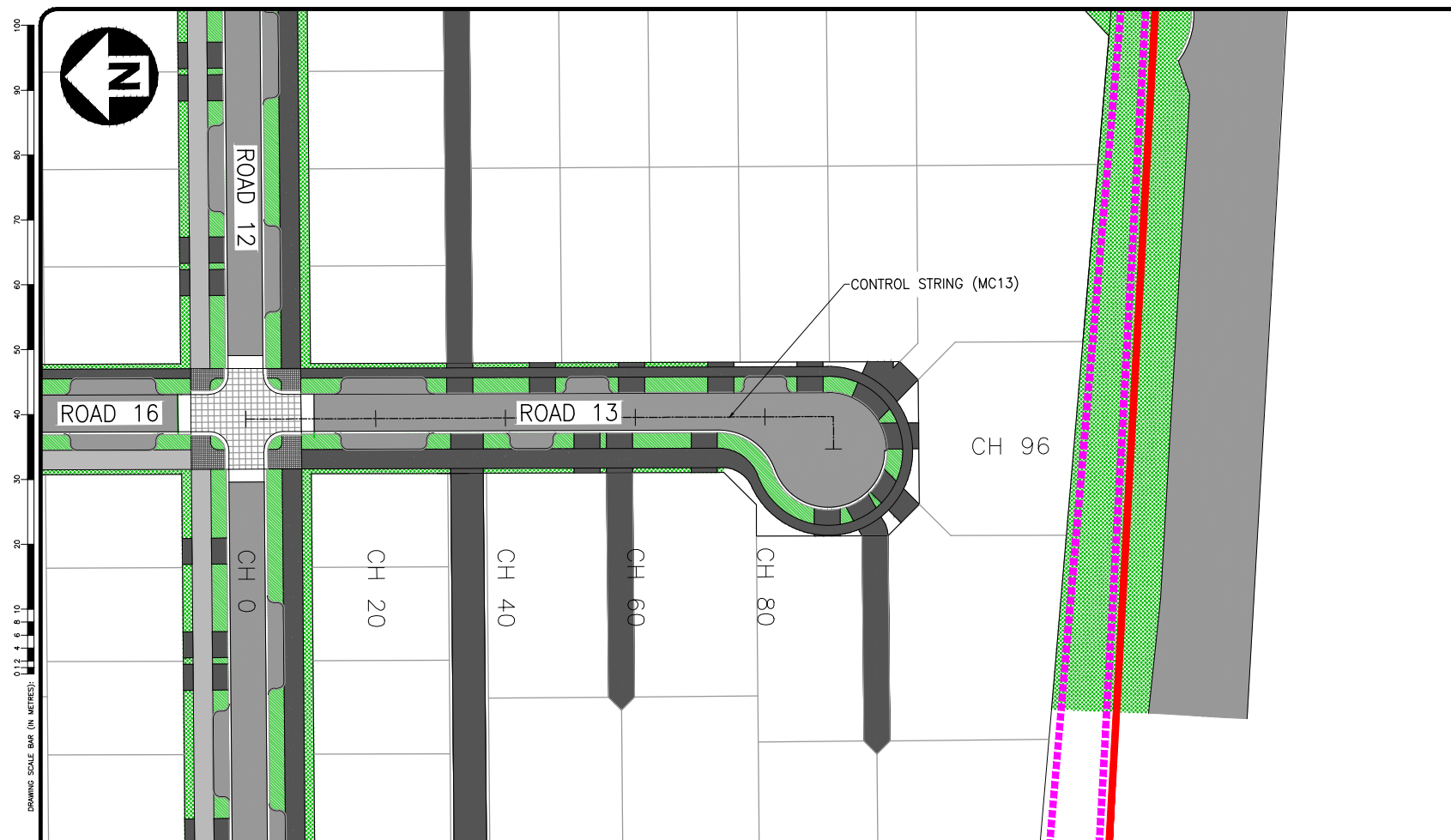
DRAWING TITLE

ROAD 12
PLAN & LONGITUDINAL SECTION

SHEET 1



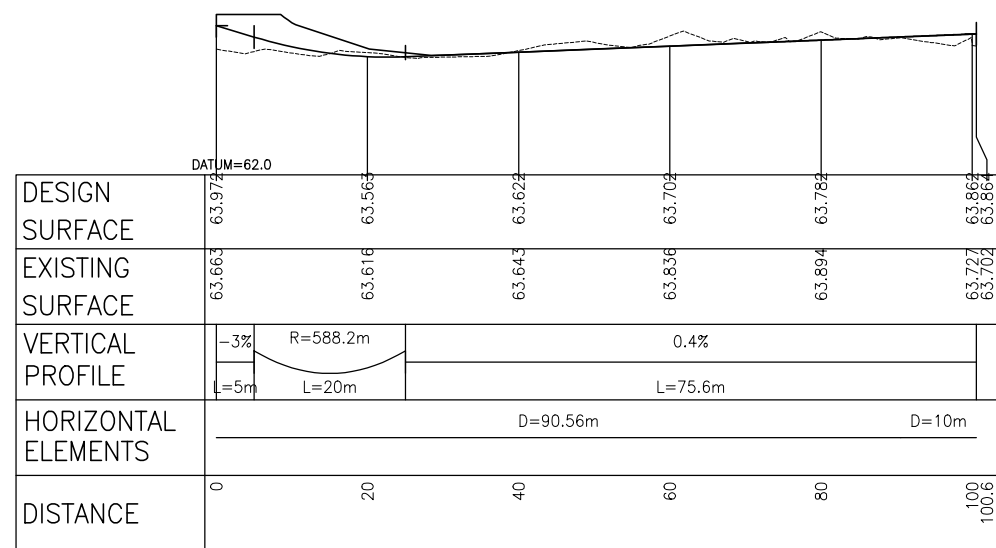
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DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0251		



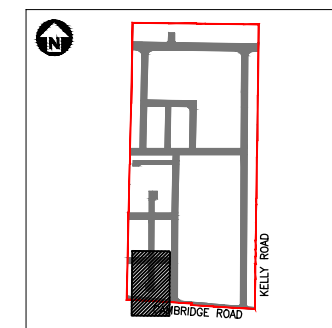
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SCALE = 1:1000

LEGEND	
	3MS DEVELOPMENT BOUNDARY
	WDC BOUNDARY
	CYCLE WAY
	SHARED PATH
	ROAD PAVING
	ACCESSWAY/DRIVEWAY
	FOOTPATH
	INTERSECTION RAISED TABLE/ROAD CROSSING
	GRASS
	PLANTING
	SPECIMEN TREES

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
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LONGITUDINAL SECTION - (MC13)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY	L. MCCAFFREY
DATE	30.03.20
DRAWN BY	G. JONES
DATE	30.03.20
APPROVED BY	-
DATE	-

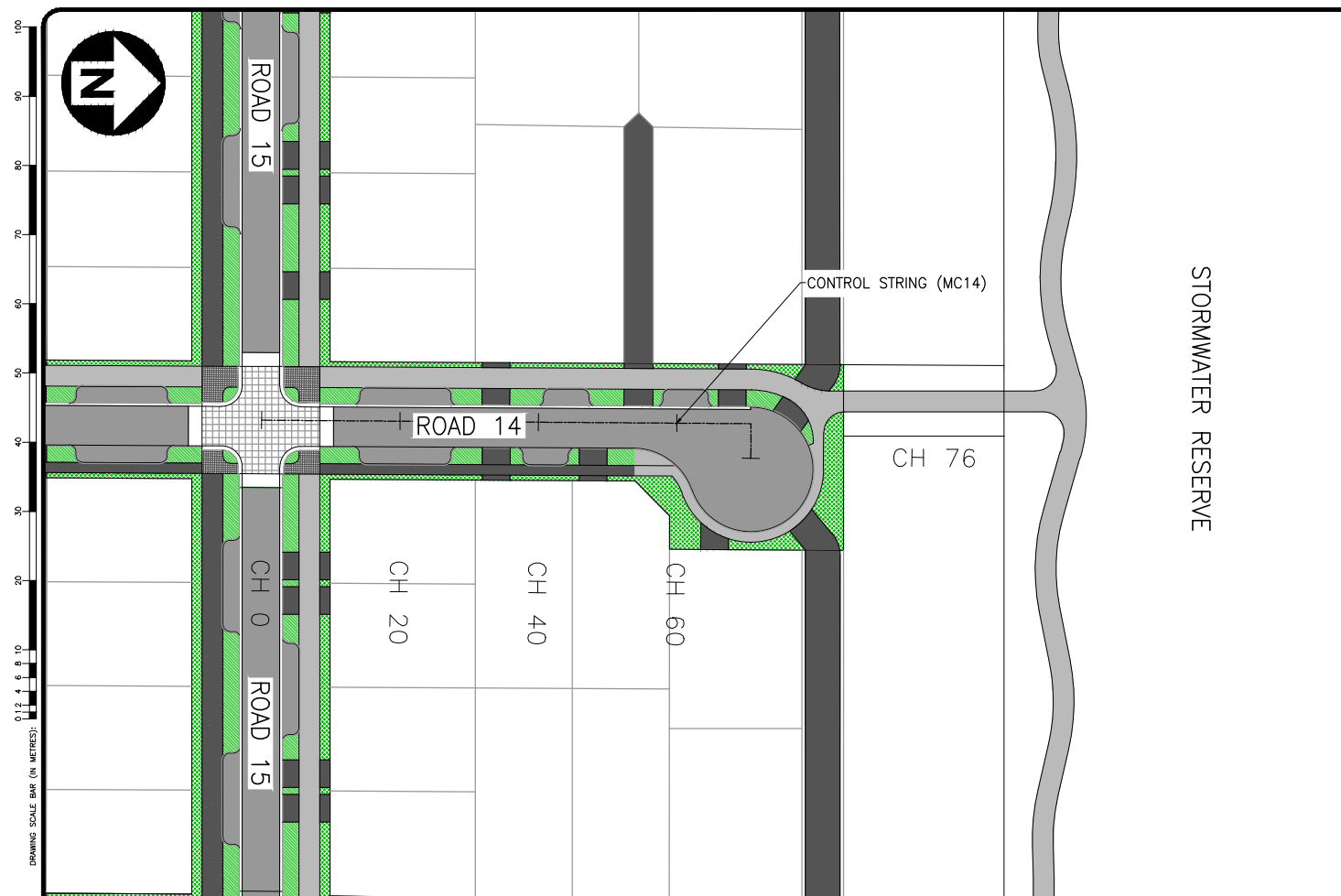


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 13
PLAN & LONGITUDINAL SECTION



DRAWING SCALE	REVISION No.
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DISCIPLINE	
CIVIL ENGINEERING	
DRAWING No.	
17001-C-0261	

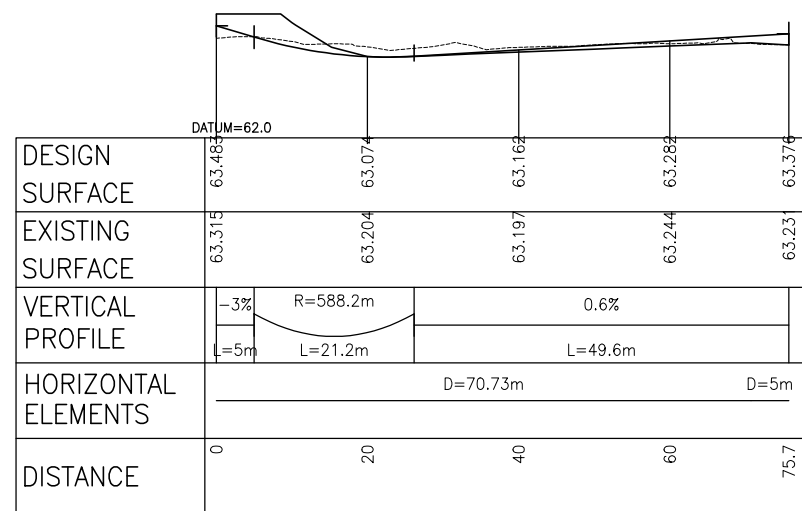


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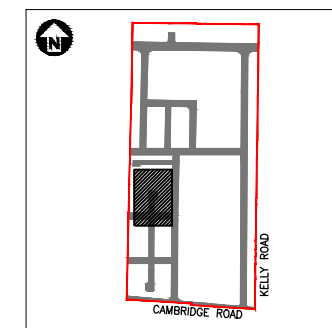
LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
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 4. ALL VEHICLE CROSSINGS TO BE RESIDENTIAL TYPE AND CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.2
 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC14)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS: **FOR INFORMATION**

DESIGNED BY: L. MCCAFFREY	DATE: 30.03.20
DRAWN BY: G. JONES	DATE: 30.03.20
APPROVED BY: —	DATE: —

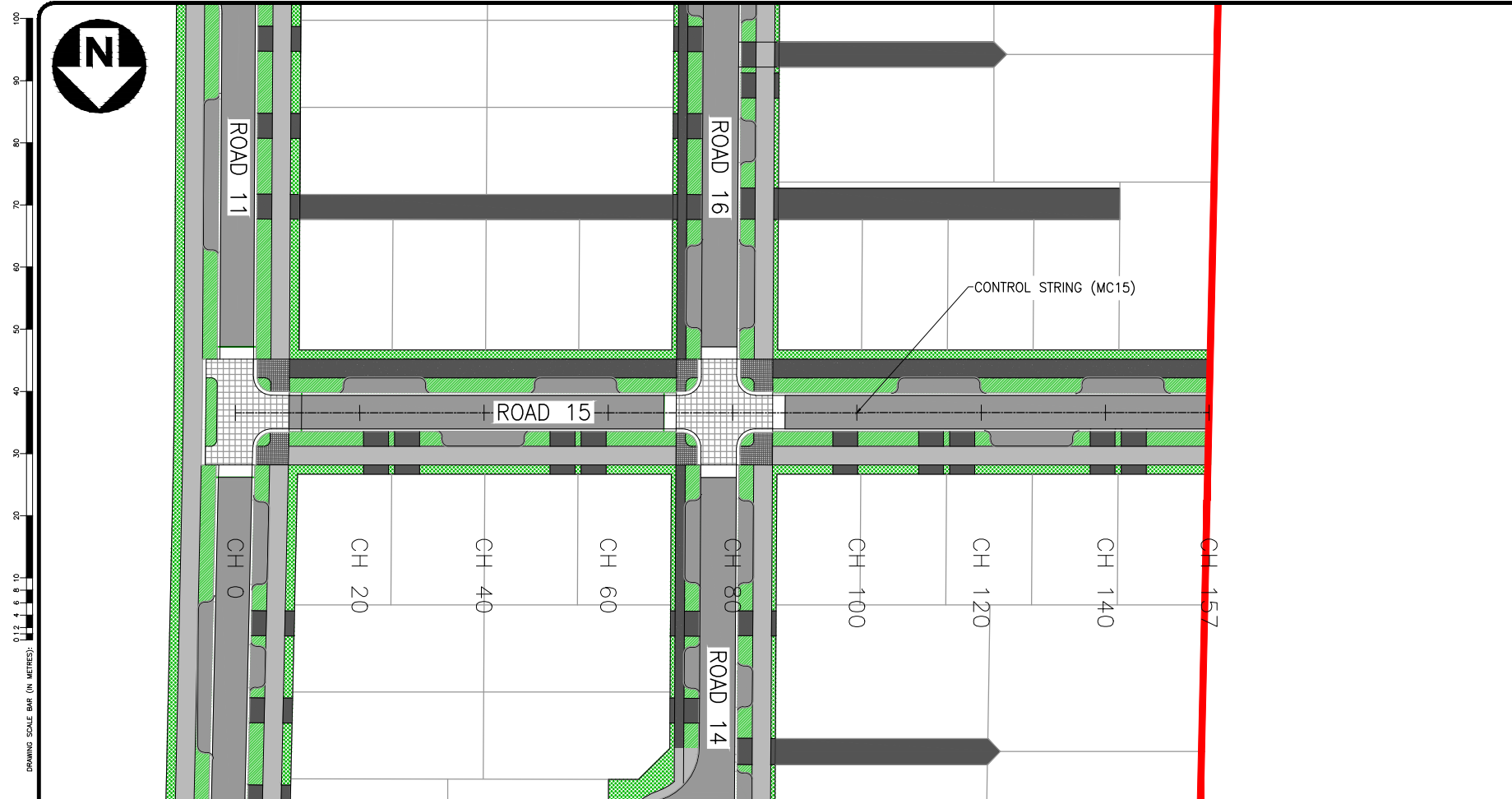


PROJECT NAME: 3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE: ROAD 14
PLAN & LONGITUDINAL SECTION



DRAWING SCALE: 1:1000	REVISION No. C
DISCIPLINE: CIVIL ENGINEERING	
DRAWING No. 17001-C-0271	

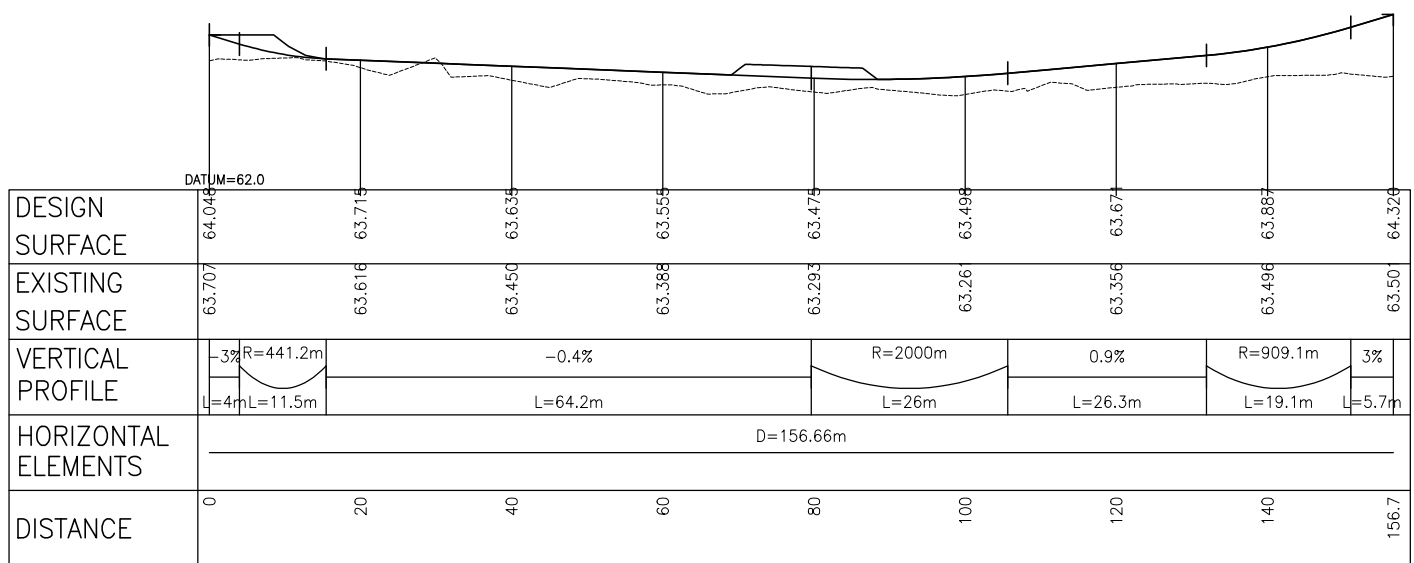


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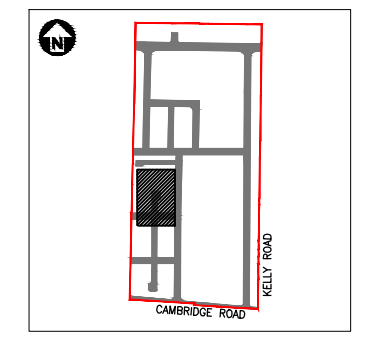
LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
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 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC15)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS

FOR INFORMATION

DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY	DATE

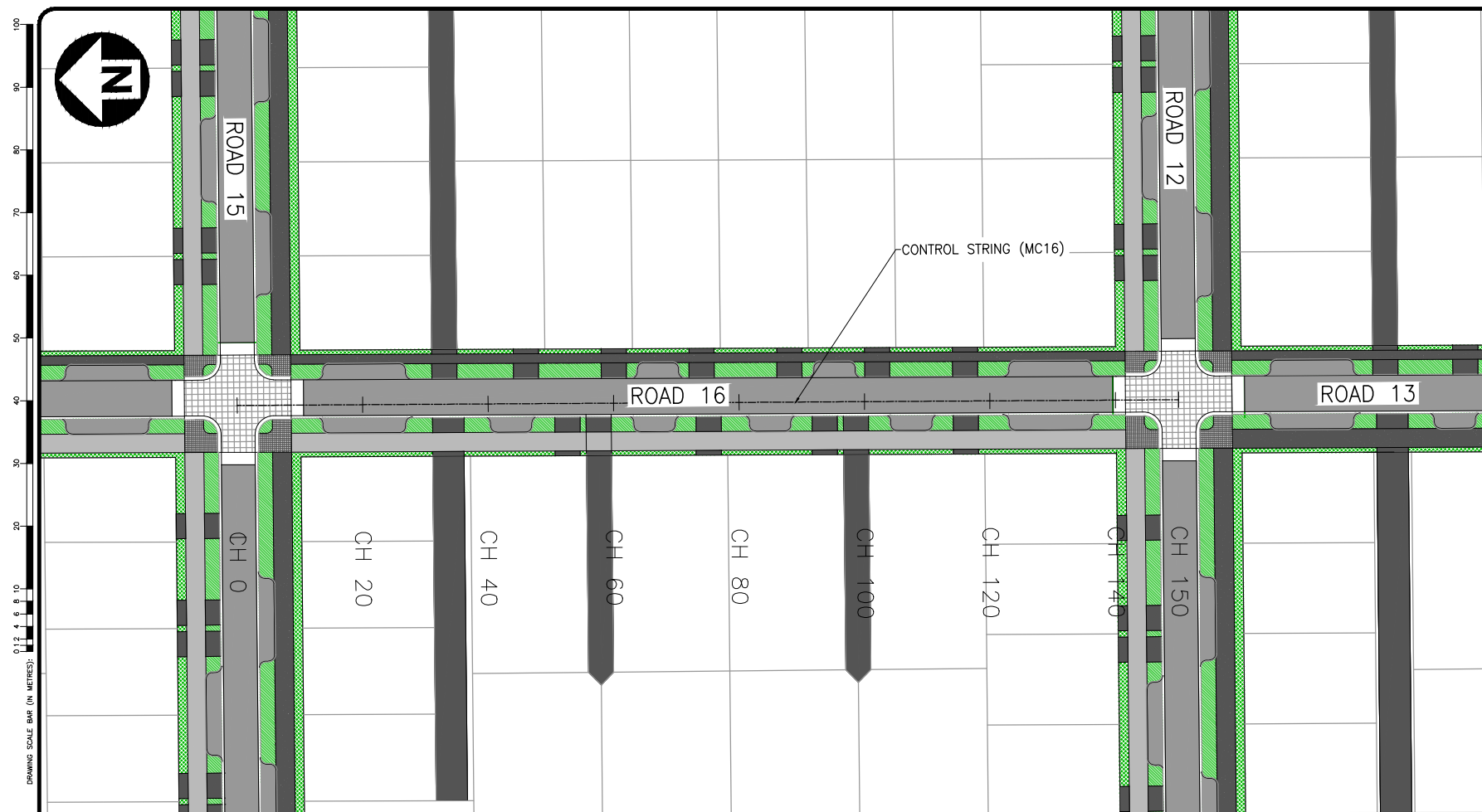


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 15
PLAN & LONGITUDINAL SECTION



DRAWING SCALE 1:1000	REVISION No. C
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0281	



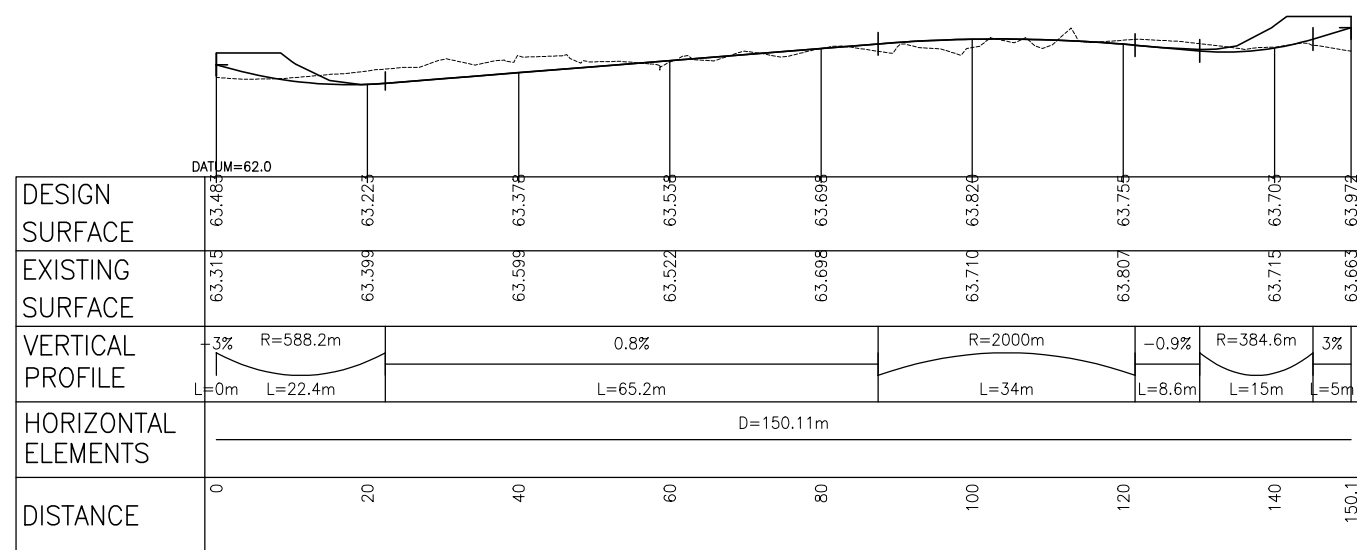
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SCALE = 1:1000

LEGEND

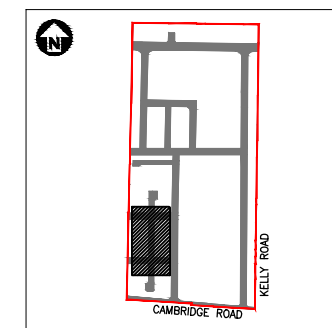
- 3MS DEVELOPMENT BOUNDARY
- WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
2. THE LOCATION OF VEHICLE ACCESSWAYS AND CARPARKING TO BE CONFIRMED DURING DETAILED DESIGN
3. KERB CUT DOWNS TO BE CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.1
4. ALL VEHICLE CROSSINGS TO BE RESIDENTIAL TYPE AND CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.2
5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC16)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY	L. MCCAFFREY
DATE	30.03.20
DRAWN BY	G. JONES
DATE	30.03.20
APPROVED BY	-
DATE	-

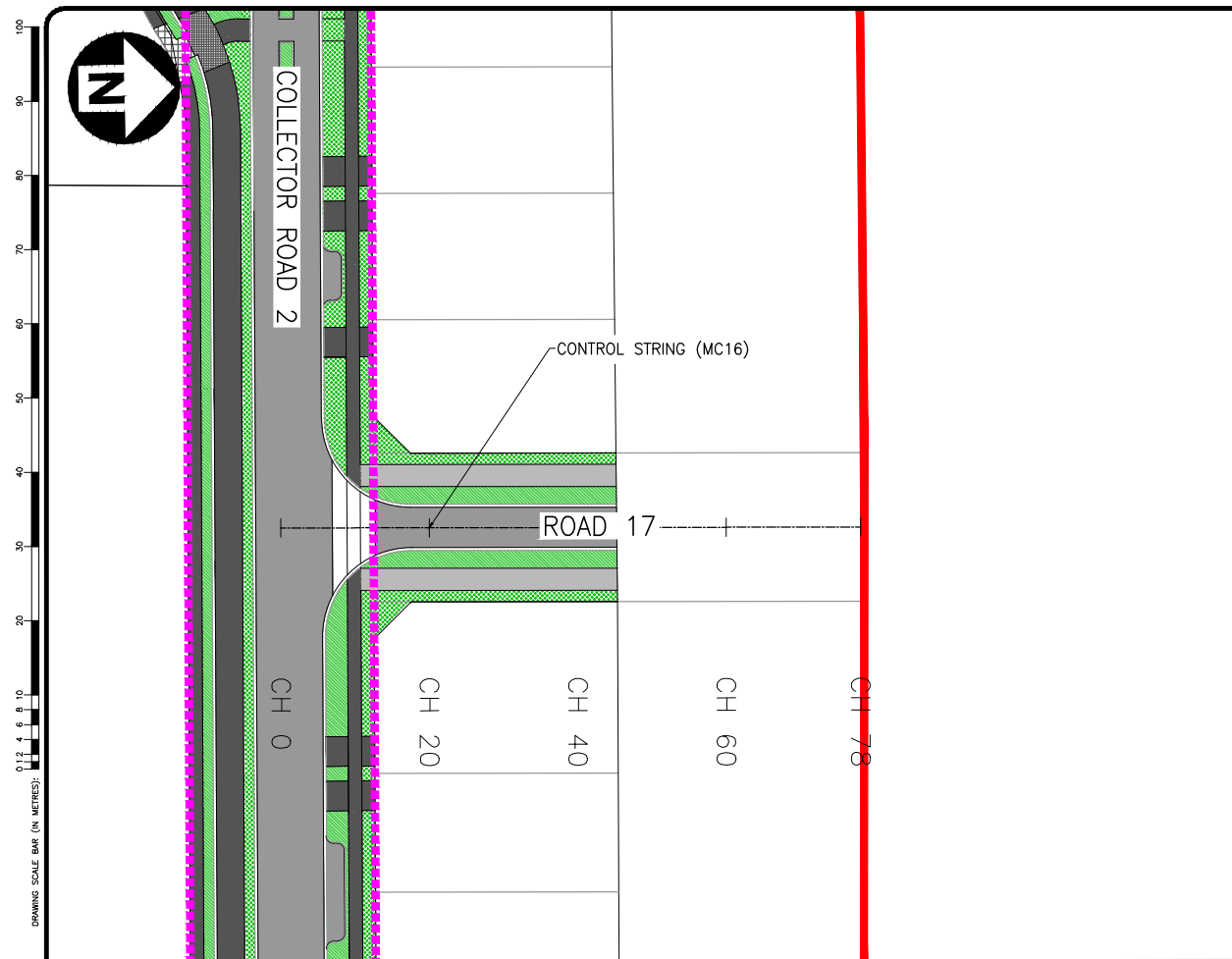


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 16
PLAN & LONGITUDINAL SECTION



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DISCIPLINE	CIVIL ENGINEERING		
DRAWING No.	17001-C-0291		

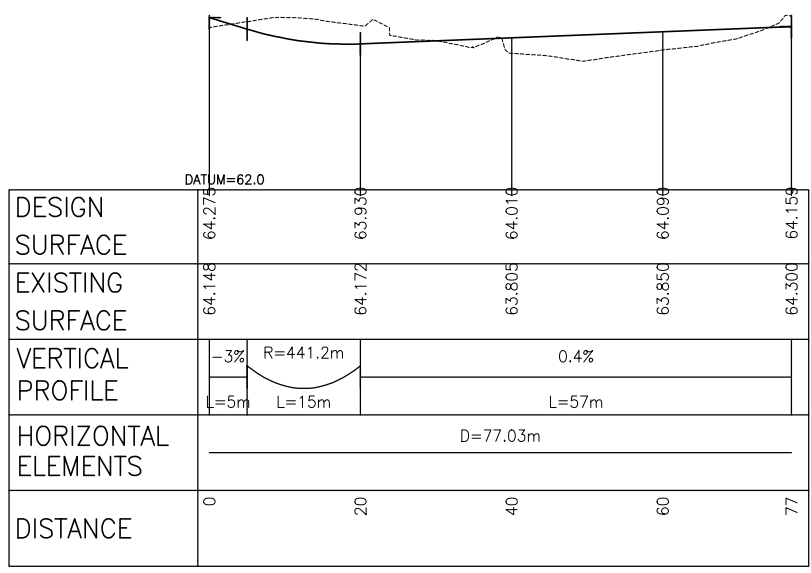


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SCALE = 1:1000

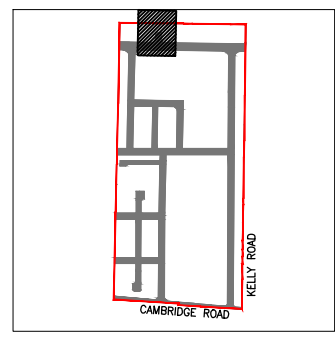
LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
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 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC17)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	G CJ	30.03.20

FOR INFORMATION	
DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY —	DATE —

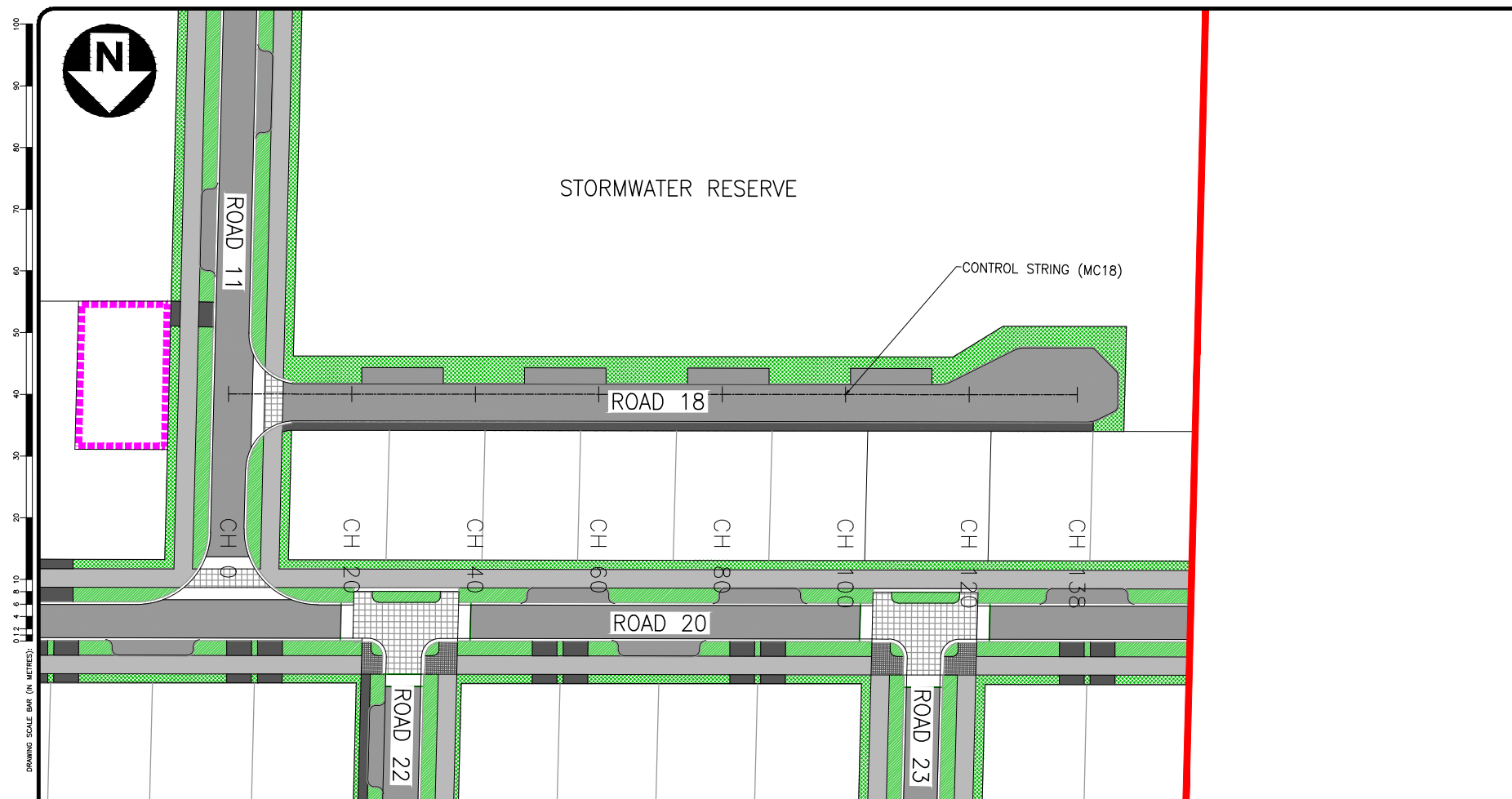


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 17
PLAN & LONGITUDINAL SECTION



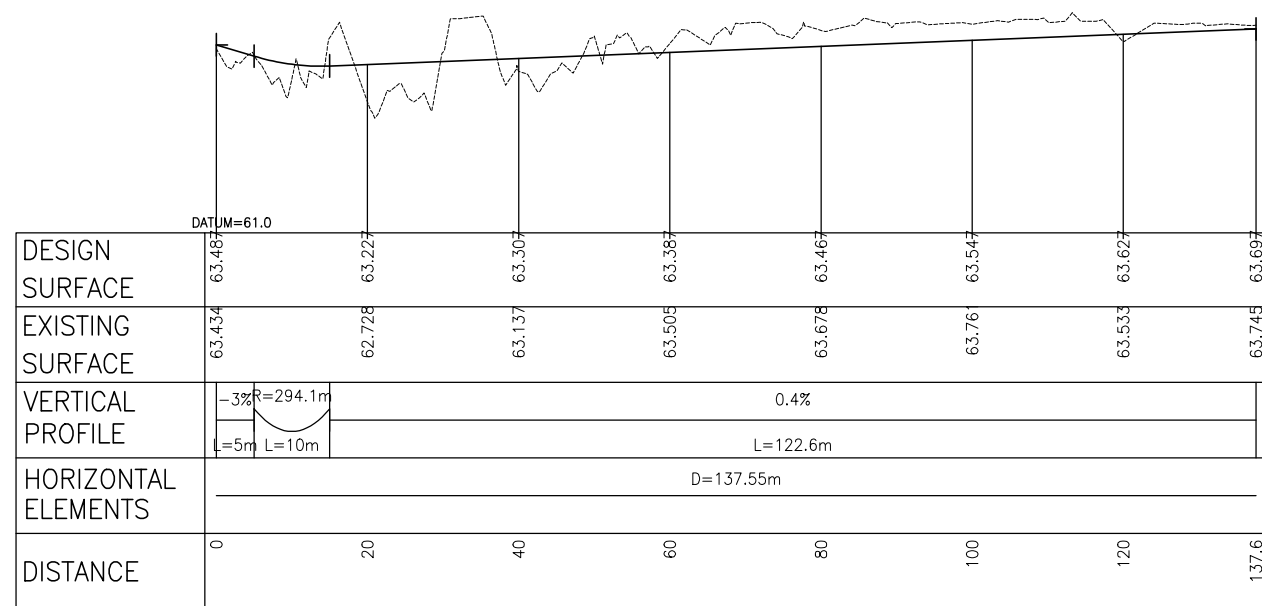
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DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0291	



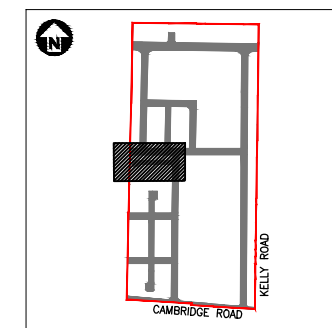
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SCALE = 1:1000

LEGEND	
	3MS DEVELOPMENT BOUNDARY
	WDC BOUNDARY
	CYCLE WAY
	SHARED PATH
	ROAD PAVING
	ACCESSWAY/DRIVEWAY
	FOOTPATH
	INTERSECTION RAISED TABLE/ROAD CROSSING
	GRASS
	PLANTING
	SPECIMEN TREES

- NOTES
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 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC18)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY	L. MCCAFFREY
DATE	30.03.20
DRAWN BY	G. JONES
DATE	30.03.20
APPROVED BY	-
DATE	-

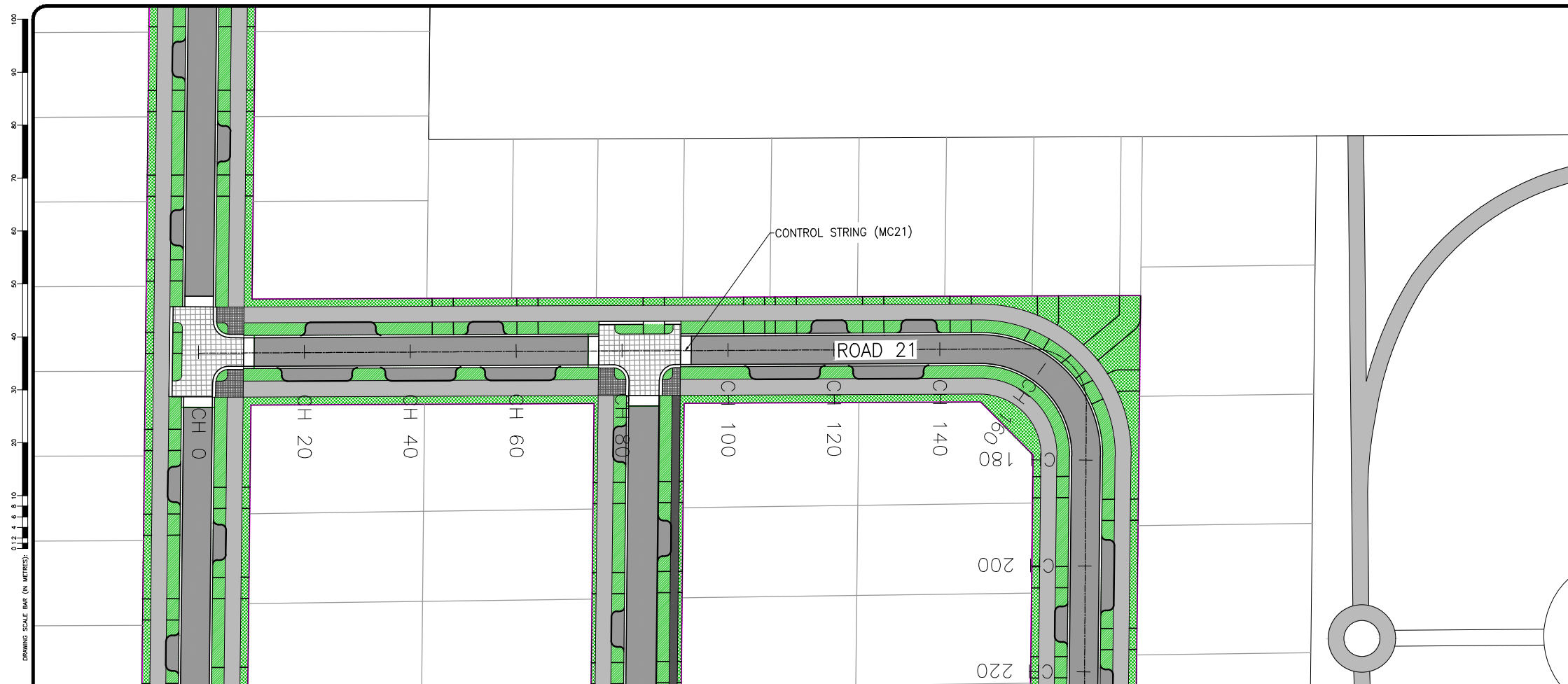


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 18
PLAN & LONGITUDINAL SECTION



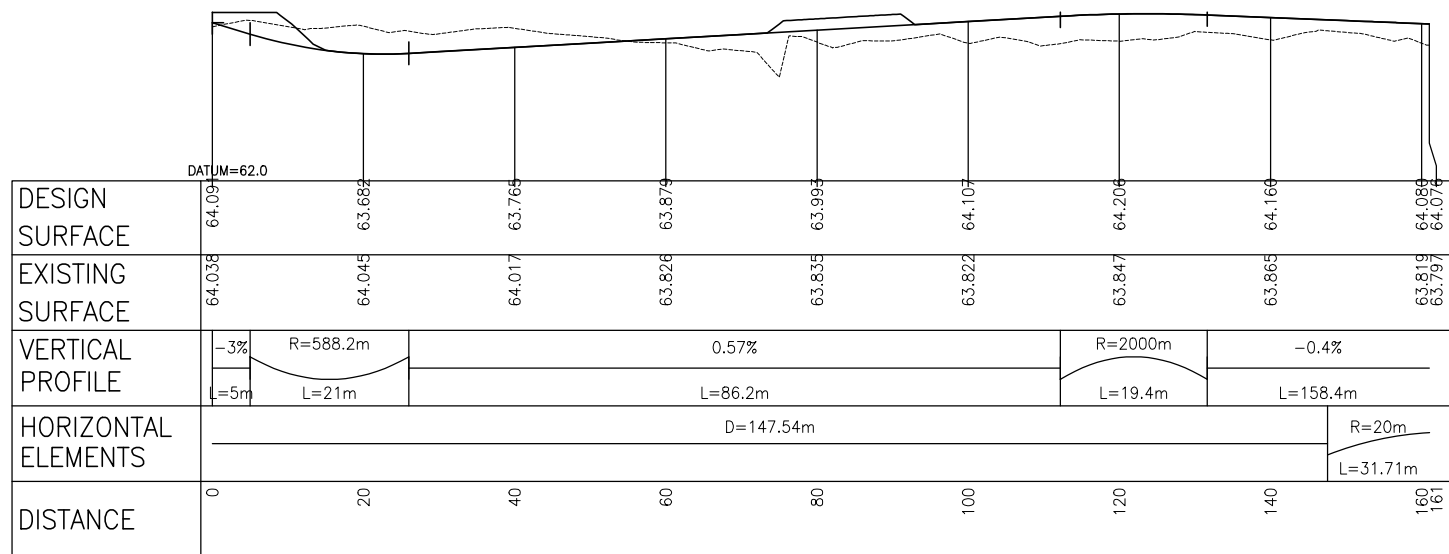
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CIVIL ENGINEERING	
DRAWING No.	
17001-C-0311	



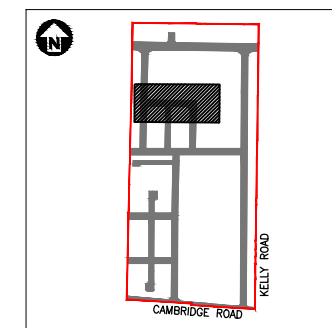
LAYOUT PLAN
SCALE = 1:1000

LEGEND	
	3MS DEVELOPMENT BOUNDARY
	WDC BOUNDARY
	CYCLE WAY
	SHARED PATH
	ROAD PAVING
	ACCESSWAY/DRIVEWAY
	FOOTPATH
	INTERSECTION RAISED TABLE/ROAD CROSSING
	GRASS
	PLANTING
	SPECIMEN TREES

- NOTES
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 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC21)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	GCJ	12.11.20

APPROVAL STATUS	
FOR INFORMATION	
DESIGNED BY	L. MCCAFFREY
DATE	12.11.20
DRAWN BY	G. JONES
DATE	12.11.20
APPROVED BY	-
DATE	-

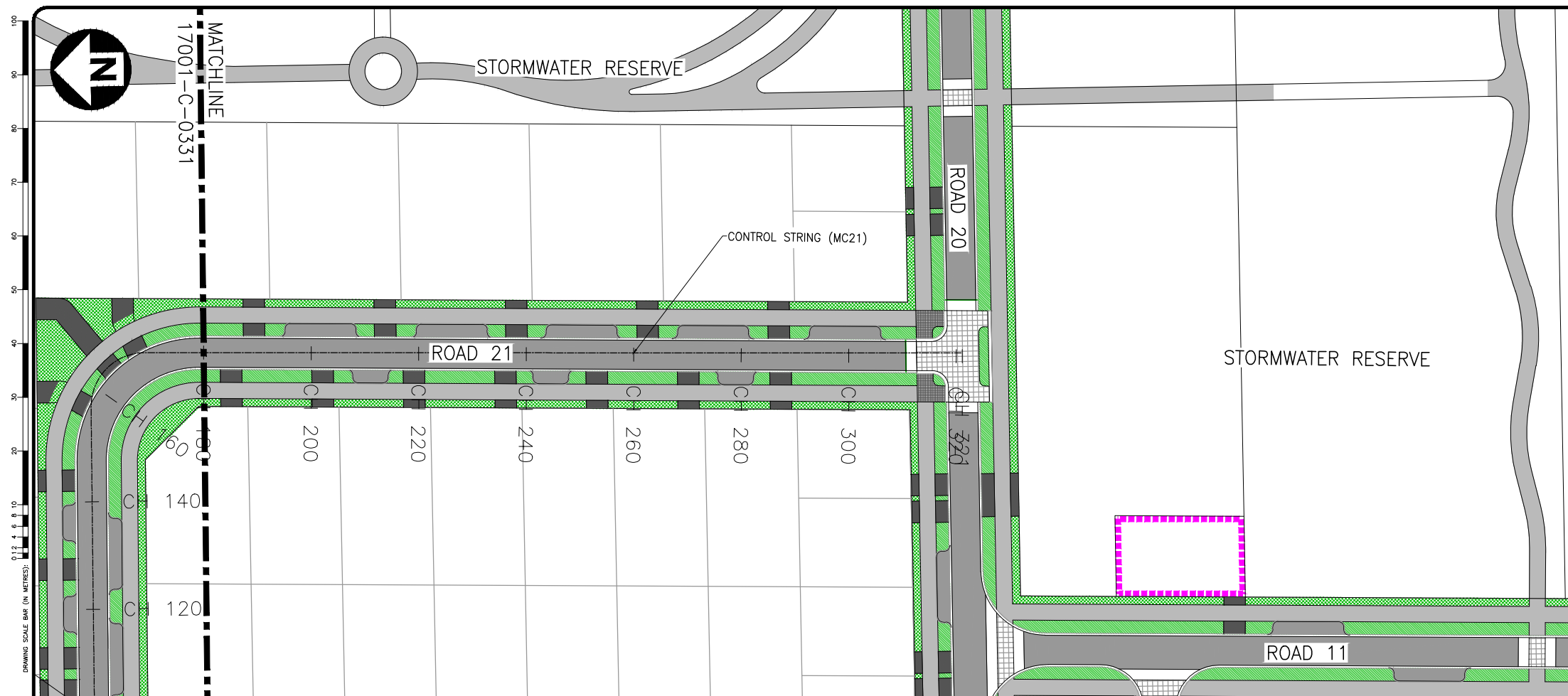


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 21 PLAN & LONGITUDINAL SECTION
SHEET 1 OF 2



DRAWING SCALE	REVISION No.
1:1000	A
DISCIPLINE	CIVIL ENGINEERING
DRAWING No.	17001-C-0321

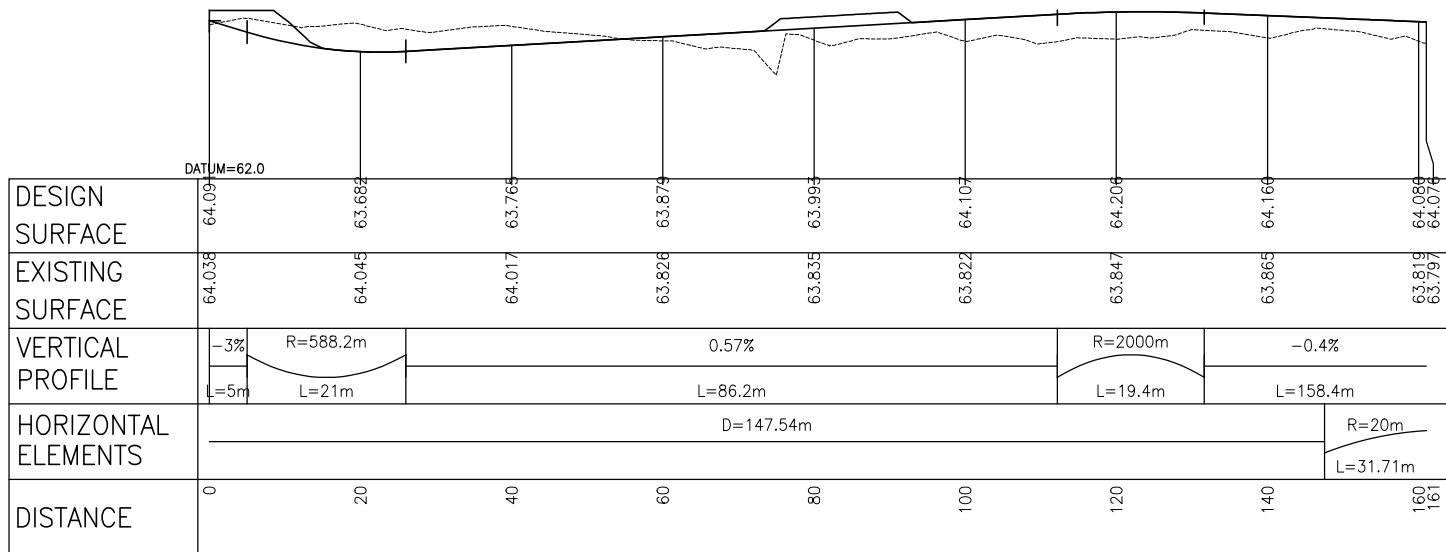


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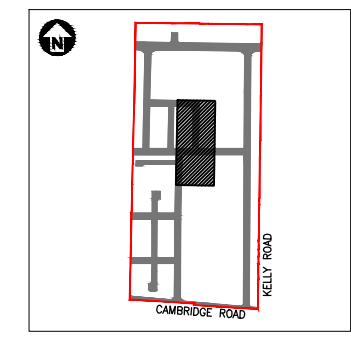
- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- ### NOTES
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 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED

LAYOUT PLAN
SCALE = 1:1000



LONGITUDINAL SECTION - (MC21)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	GCJ	12.11.20

FOR INFORMATION	
DESIGNED BY L. MCCAFFREY	DATE 12.11.20
DRAWN BY G. JONES	DATE 12.11.20
APPROVED BY -	DATE -

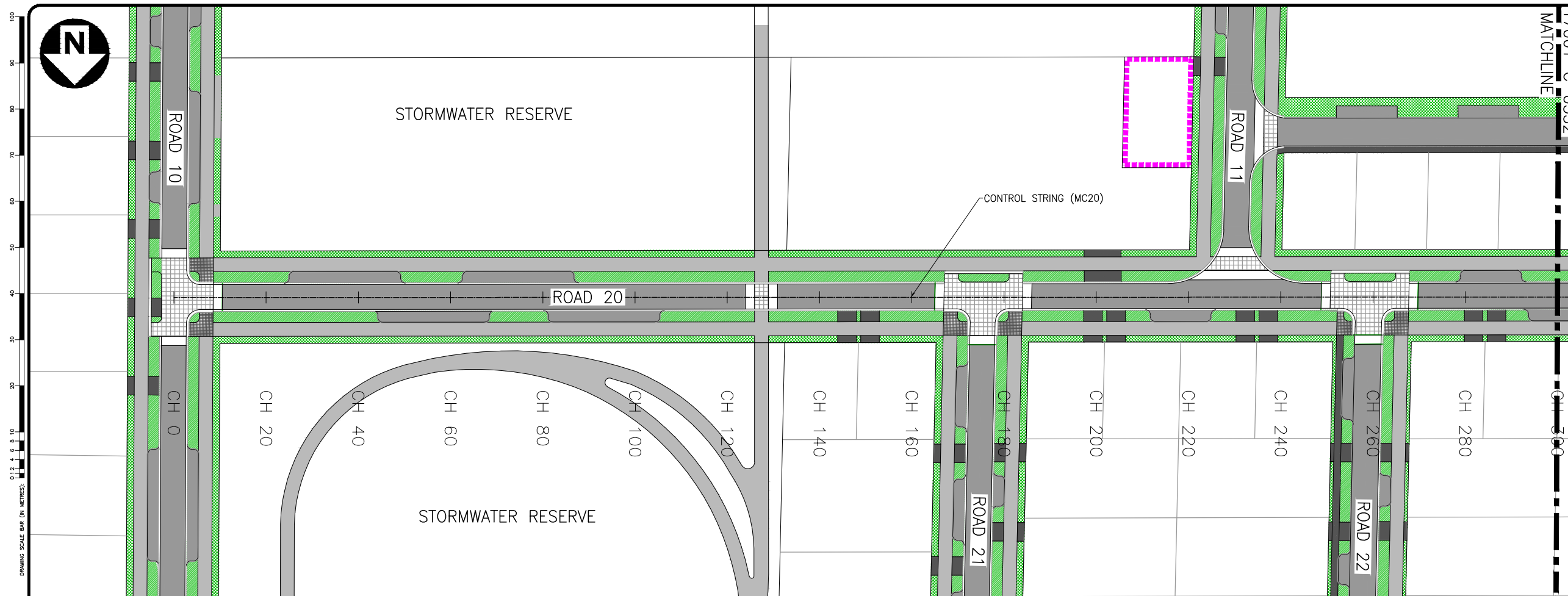


PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 21
PLAN & LONGITUDINAL SECTION
SHEET 1 OF 2



DRAWING SCALE 1:1000	REVISION No. A
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0322	

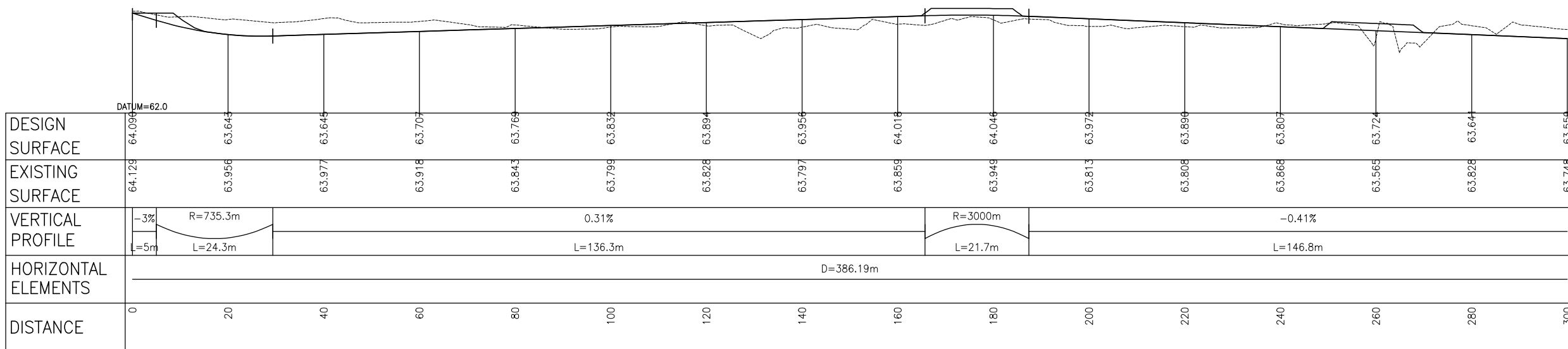


LAYOUT PLAN
SCALE = 1:1000

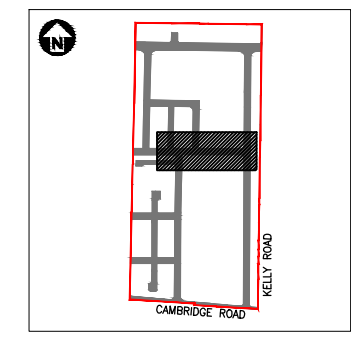
LEGEND

- 3MS DEVELOPMENT BOUNDARY
- - - WDC BOUNDARY
- CYCLE WAY
- SHARED PATH
- ROAD PAVING
- ACCESSWAY/DRIVEWAY
- FOOTPATH
- INTERSECTION RAISED TABLE/ROAD CROSSING
- GRASS
- PLANTING
- SPECIMEN TREES

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION (RITS) UNLESS OTHERWISE SPECIFIED
 2. THE LOCATION OF VEHICLE ACCESSWAYS AND CARPARKING TO BE CONFIRMED DURING DETAILED DESIGN
 3. KERB CUT DOWNS TO BE CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.1
 4. ALL VEHICLE CROSSINGS TO BE RESIDENTIAL TYPE AND CONSTRUCTED IN ACCORDANCE WITH RITS D3.1.2
 5. ALL KERBS TO BE VERTICAL KERB & CHANNEL PROFILE UNLESS OTHERWISE SPECIFIED



LONGITUDINAL SECTION - (MC20)
HORIZONTAL SCALE=1:1000; VERTICAL SCALE=1:100



KEY PLAN

REV	DESCRIPTION	BY	DATE
C	FOR INFORMATION	GCJ	10.08.20
B	FOR INFORMATION	GCJ	17.04.20
A	FOR INFORMATION	GCJ	30.03.20

APPROVAL STATUS: **FOR INFORMATION**

DESIGNED BY L. MCCAFFREY	DATE 30.03.20
DRAWN BY G. JONES	DATE 30.03.20
APPROVED BY	DATE



PROJECT NAME
3MS RESIDENTIAL DEVELOPMENT
MASTER PLAN

DRAWING TITLE
ROAD 20
PLAN & LONGITUDINAL SECTION



DRAWING SCALE 1:1000	REVISION No. C
DISCIPLINE CIVIL ENGINEERING	
DRAWING No. 17001-C-0331	