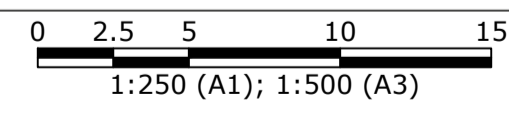


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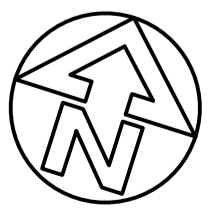
- PROPOSED STAGE BOUNDARY
- PROPOSED WATER MAIN (REFER SA WATER DRAWINGS)
- PROPOSED CST (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAIN (REFER SA WATER DRAWINGS)
- PROPOSED STORMWATER DRAIN (REFER SHEETS 070 TO 079)
- PROPOSED WATER CONNECTION (REFER SA WATER DRAWINGS)
- PROPOSED POTABLE WATER FITTINGS (REFER SA WATER DRAWINGS)
- PROPOSED SAPN PILLAR/UNDERGROUND PIT (REFER SAPN DRAWINGS)
- PROPOSED SAPN LIGHT POLE (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAN HOLE (REFER SA WATER DRAWINGS)
- PROPOSED MAINTENANCE SHAFT (REFER SA WATER DRAWINGS)
- PROPOSED SEWER I.O. (REFER SA WATER DRAWINGS)
- PROPOSED SEWER CONNECTION (REFER SA WATER DRAWINGS)
- PROPOSED STORM WATER KERB OUTLET
- PROPOSED SIDE ENTRY PIT (SEP) (REFER SHEETS 070 TO 079)
- PROPOSED JUNCTION BOX (JB) (REFER SHEETS 070 TO 079)
- PROPOSED HEADWALL (HW) (REFER SHEETS 070 TO 079)
- PROPOSED FOOTPATH
- DENOTES FUTURE DRIVEWAY LOCATION (BY OTHERS)
- DENOTES ALLOWABLE BOUNDARY BUILD (BY FUTURE OWNER)
- PROPOSED Ø100mm IRRIGATION CONDUIT. REFER GENERAL CONSTRUCTION DRAWINGS FOR IRRIGATION NOTES
- EXISTING WATER MAIN
- EXISTING CST
- EXISTING SEWER MAIN
- EXISTING STORMWATER DRAIN

FOR CONTINUATION REFER SHEET 011



SHEET SIZE
A1

COORDS: MGA94 ZONE 54
DATUM: ALL LEVELS TO A.H.D.
SCALE:
SURVEYED: ALEXANDER SYMONDS
SURVEY DATE: 19.10.2020
APPROVED / PROJECT LEADER



PUBLIC UTILITIES:
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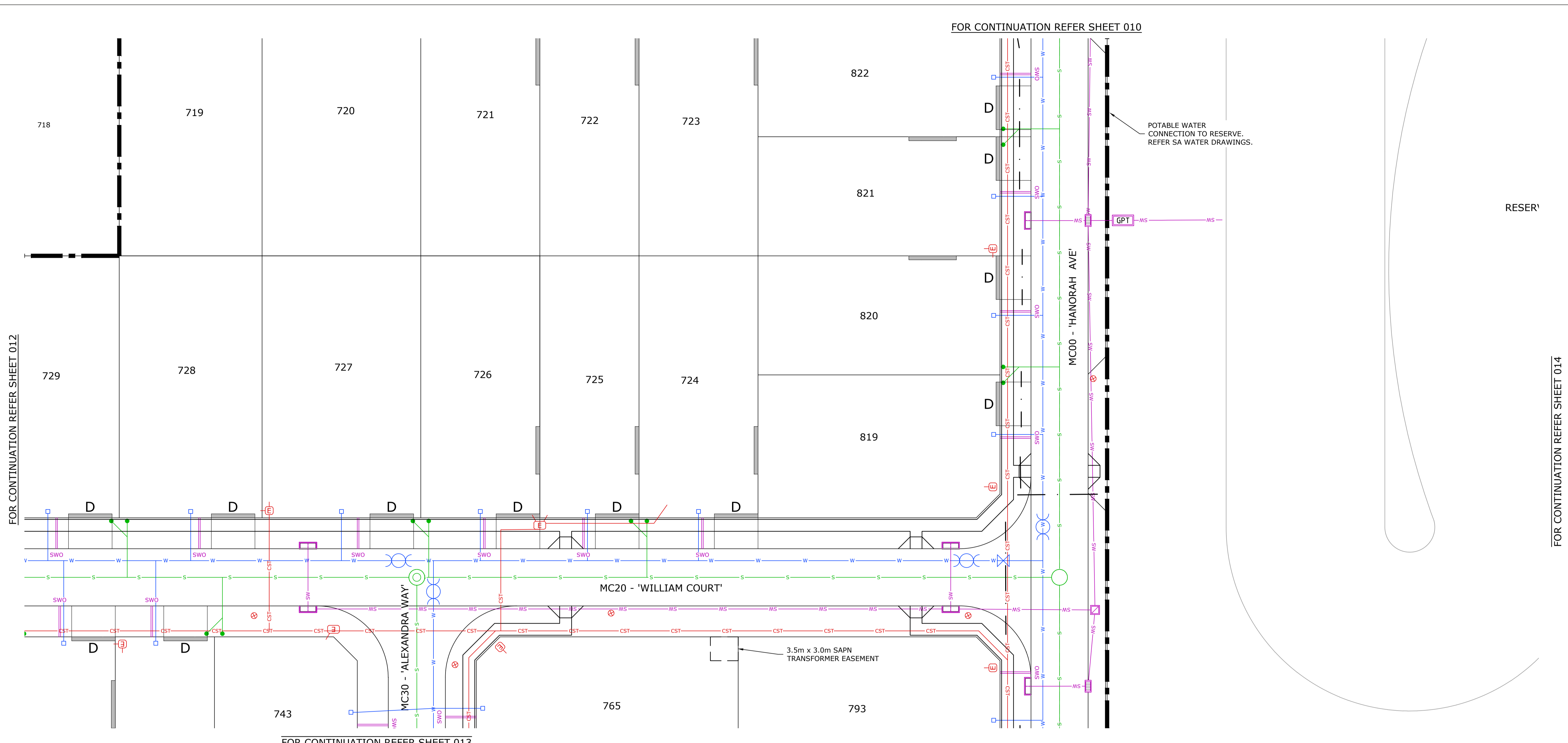
FOR CONSTRUCTION



ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
MASTER SERVICES PLAN - SHEET 1

REV	ISSUED FOR CONSTRUCTION	DATE	RIH	RIH	S, PAPE
0	AMENDMENT / REASON FOR ISSUE	16.06.22	DES.	DWN.	

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_03_SERVICES.DWG	211189	010	0



FOR CONTINUATION REFER SHEET 012

FOR CONTINUATION REFER SHEET 010

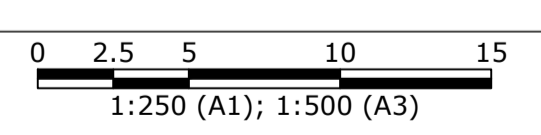
FOR CONTINUATION REFER SHEET 014

POTABLE WATER CONNECTION TO RESERVE. REFER SA WATER DRAWINGS.

RESERV

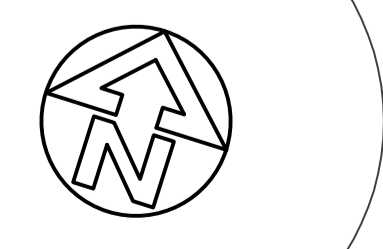
LEGEND:

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- PROPOSED WATER MAIN (REFER SA WATER DRAWINGS)
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- PROPOSED SAPN LIGHT POLE (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAN HOLE (REFER SA WATER DRAWINGS)
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- EXISTING WATER MAIN
- EXISTING CST
- EXISTING SEWER MAIN
- EXISTING STORMWATER DRAIN



SHEET SIZE
A1

COORDS: MGA94 ZONE 54
DATUM: ALL LEVELS TO A.H.D.
SCALE:
SURVEYED: ALEXANDER SYMONDS
SURVEY DATE: 19.10.2020
APPROVED / PROJECT LEADER



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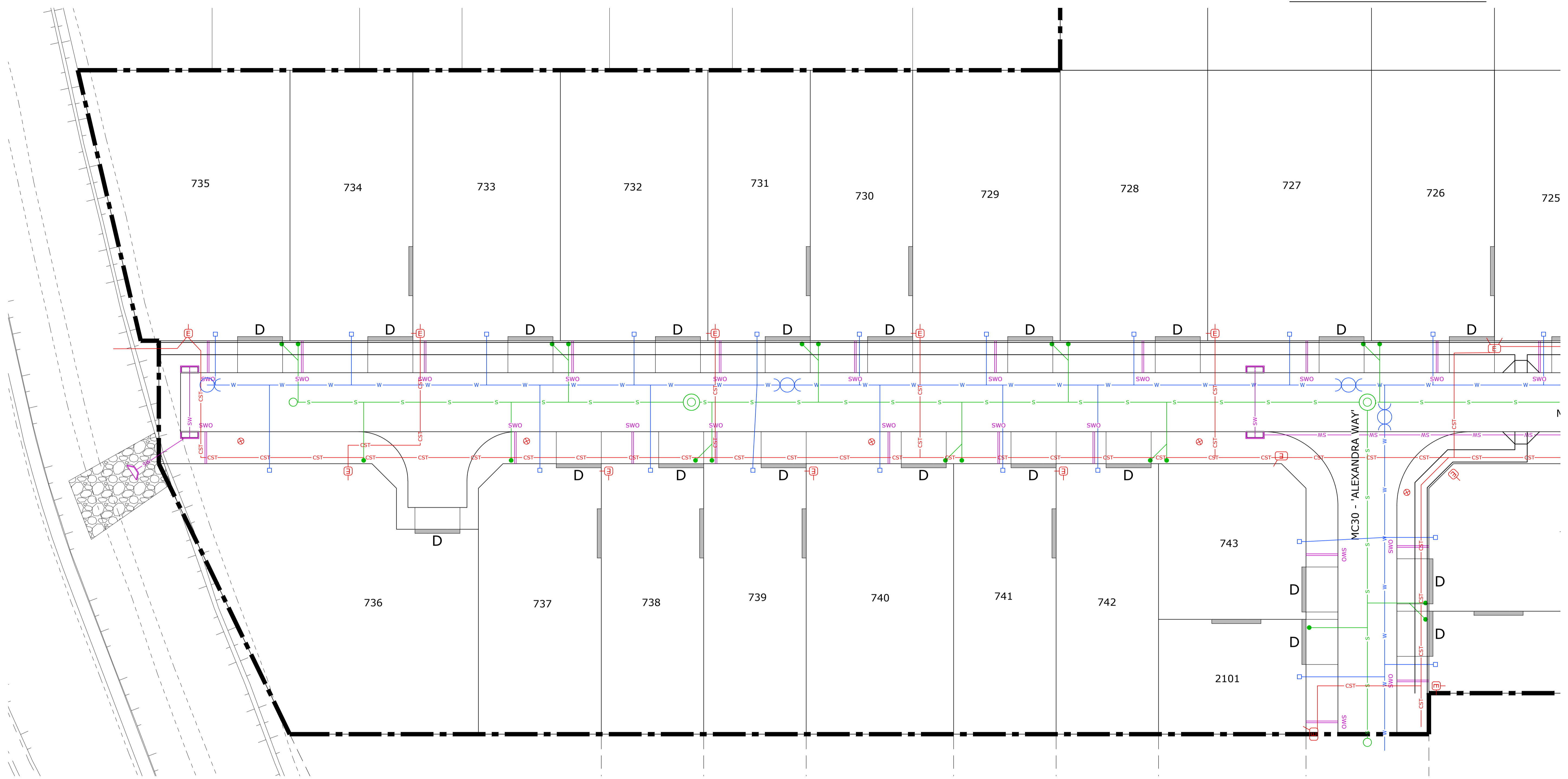
FOR CONSTRUCTION



ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
MASTER SERVICES PLAN - SHEET 2

REV	ISSUED FOR CONSTRUCTION	DATE	RIH DES.	RIH DWN.	S, PAPE
0	ISSUED FOR CONSTRUCTION	16.06.22	RIH	RIH	
	AMENDMENT / REASON FOR ISSUE				

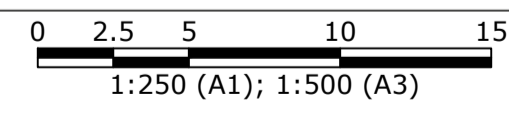
FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_03_SERVICES.DWG	211189	011	0



FOR CONTINUATION REFER SHEET 013

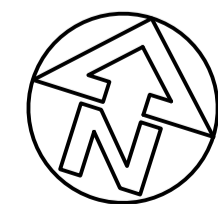
LEGEND:

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- PROPOSED WATER MAIN (REFER SA WATER DRAWINGS)
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- PROPOSED SEWER MAIN (REFER SA WATER DRAWINGS)
- PROPOSED STORMWATER DRAIN (REFER SHEETS 070 TO 079)
- PROPOSED WATER CONNECTION (REFER SA WATER DRAWINGS)
- PROPOSED POTABLE WATER FITTINGS (REFER SA WATER DRAWINGS)
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- PROPOSED SAPN LIGHT POLE (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAN HOLE (REFER SA WATER DRAWINGS)
- PROPOSED MAINTENANCE SHAFT (REFER SA WATER DRAWINGS)
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- PROPOSED SEWER CONNECTION (REFER SA WATER DRAWINGS)
- PROPOSED STORM WATER KERB OUTLET
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- EXISTING WATER MAIN
- EXISTING CST
- EXISTING SEWER MAIN
- EXISTING STORMWATER DRAIN



SHEET SIZE
A1

COORDS: MGA94 ZONE 54
DATUM: ALL LEVELS TO A.H.D.
SCALE:
SURVEYED: ALEXANDER SYMONDS
SURVEY DATE: 19.10.2020
APPROVED / PROJECT LEADER
S.PAPE



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FOR CONSTRUCTION



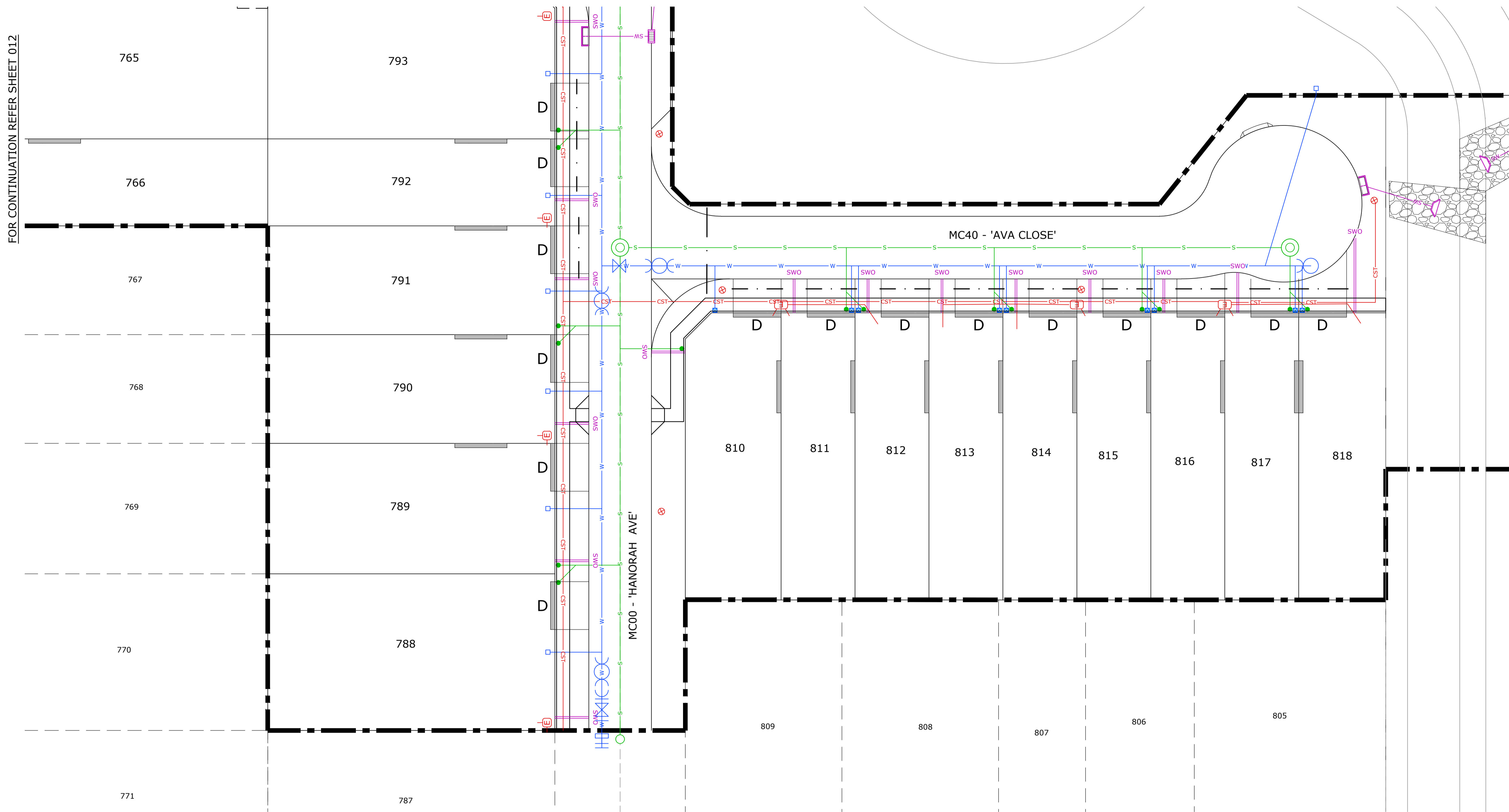
ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
MASTER SERVICES PLAN - SHEET 3

FILENAME: 211189_03_SERVICES.DWG	PROJECT NUMBER 211189	DRAWING NUMBER 012	REVISION 0
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FOR CONTINUATION REFER SHEET 011

FOR CONTINUATION REFER SHEET 012

FOR CONTINUATION REFER SHEET 014



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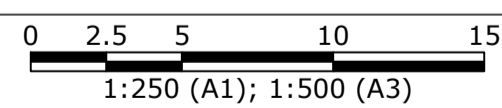
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- PROPOSED CST (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAIN (REFER SA WATER DRAWINGS)
- PROPOSED STORMWATER DRAIN (REFER SHEETS 070 TO 079)
- PROPOSED WATER CONNECTION (REFER SA WATER DRAWINGS)
- PROPOSED POTABLE WATER FITTINGS (REFER SA WATER DRAWINGS)

- PROPOSED SAPN PILLAR/UNDERGROUND PIT (REFER SAPN DRAWINGS)
- PROPOSED SAPN LIGHT POLE (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAN HOLE (REFER SA WATER DRAWINGS)
- PROPOSED MAINTENANCE SHAFT (REFER SA WATER DRAWINGS)
- PROPOSED SEWER I.O. (REFER SA WATER DRAWINGS)
- PROPOSED SEWER CONNECTION (REFER SA WATER DRAWINGS)

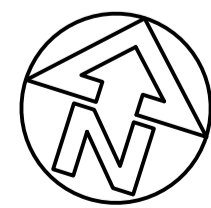
- PROPOSED STORM WATER KERB OUTLET
- PROPOSED SIDE ENTRY PIT (SEP) (REFER SHEETS 070 TO 079)
- PROPOSED JUNCTION BOX (JB) (REFER SHEETS 070 TO 079)
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- PROPOSED Ø100mm IRRIGATION CONDUIT. REFER GENERAL CONSTRUCTION DRAWINGS FOR IRRIGATION NOTES
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- EXISTING CST
- EXISTING SEWER MAIN
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SHEET SIZE
A1



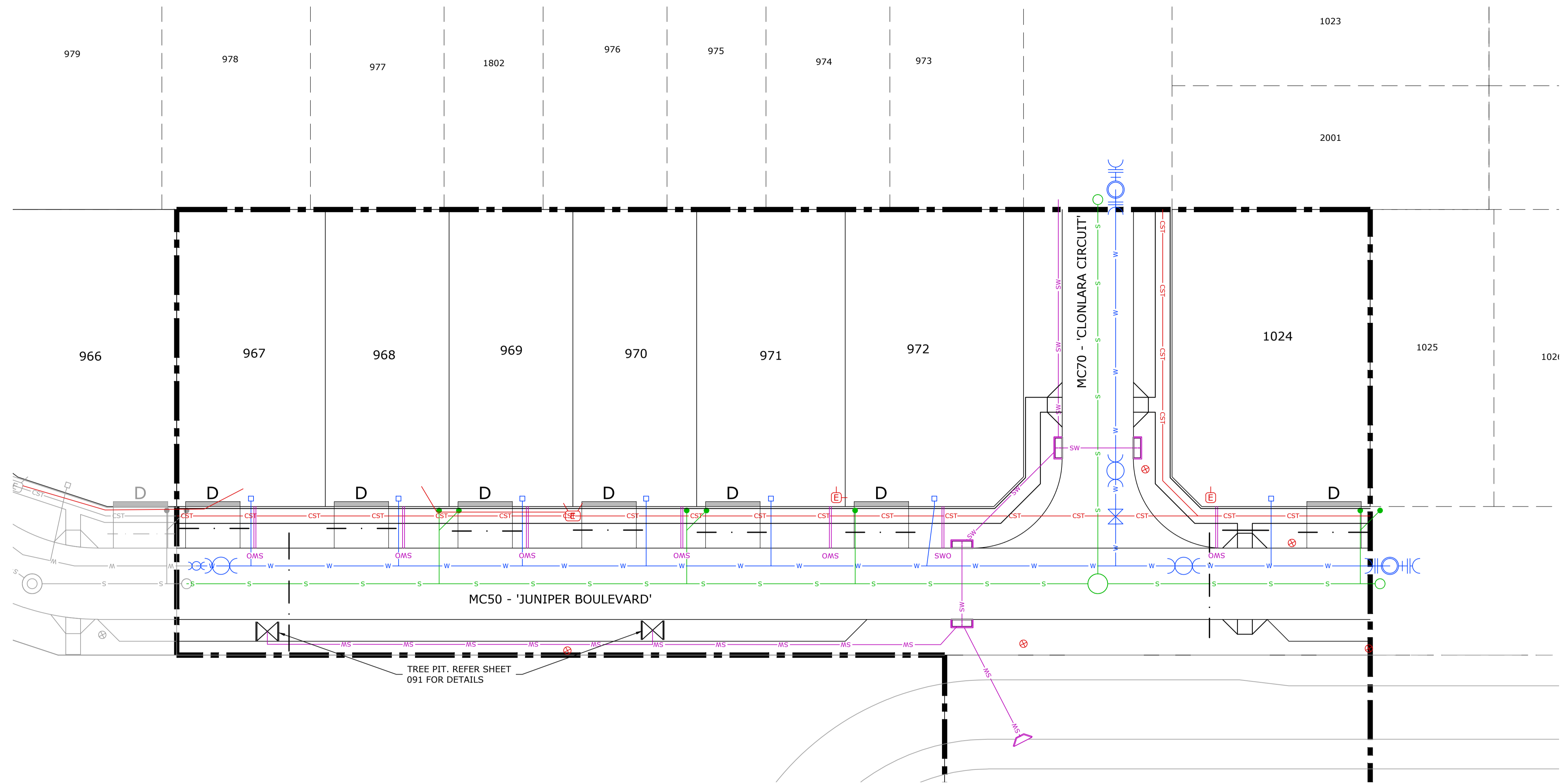
COORDS: MGA94 ZONE 54 DATUM: ALL LEVELS TO A.H.D.				
SCALE:				
SURVEYED: ALEXANDER SYMONDS SURVEY DATE: 19.10.2020				
APPROVED / PROJECT LEADER				
0 ISSUED FOR CONSTRUCTION	16.06.22	RIH	RIH	
REV AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	S.PAPE

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FOR CONSTRUCTION
ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
MASTER SERVICES PLAN - SHEET 4

FILENAME: 211189_03_SERVICES.DWG	PROJECT NUMBER 211189	DRAWING NUMBER 013	REVISION 0
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FOR CONTINUATION REFER SHEET 011

FOR CONTINUATION REFER SHEET 013

LEGEND:

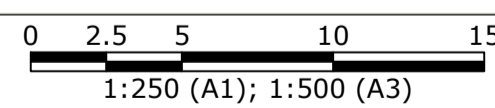
- PROPOSED STAGE BOUNDARY
- PROPOSED WATER MAIN (REFER SA WATER DRAWINGS)
- PROPOSED CST (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAIN (REFER SA WATER DRAWINGS)
- PROPOSED STORMWATER DRAIN (REFER SHEETS 070 TO 079)
- PROPOSED WATER CONNECTION (REFER SA WATER DRAWINGS)
- PROPOSED POTABLE WATER FITTINGS (REFER SA WATER DRAWINGS)

- PROPOSED SAPN PILLAR/UNDERGROUND PIT (REFER SAPN DRAWINGS)
- PROPOSED SAPN LIGHT POLE (REFER SAPN DRAWINGS)
- PROPOSED SEWER MAN HOLE (REFER SA WATER DRAWINGS)
- PROPOSED MAINTENANCE SHAFT (REFER SA WATER DRAWINGS)
- PROPOSED SEWER I.O. (REFER SA WATER DRAWINGS)
- PROPOSED SEWER CONNECTION (REFER SA WATER DRAWINGS)

- PROPOSED STORM WATER KERB OUTLET
- PROPOSED SIDE ENTRY PIT (SEP) (REFER SHEETS 070 TO 079)
- PROPOSED JUNCTION BOX (JB) (REFER SHEETS 070 TO 079)
- PROPOSED HEADWALL (HW) (REFER SHEETS 070 TO 079)
- PROPOSED FOOTPATH

- DENOTES FUTURE DRIVEWAY LOCATION (BY OTHERS)
- DENOTES ALLOWABLE BOUNDARY BUILD (BY FUTURE OWNER)
- PROPOSED Ø100mm IRRIGATION CONDUIT. REFER GENERAL CONSTRUCTION DRAWINGS FOR IRRIGATION NOTES
- EXISTING WATER MAIN
- EXISTING CST
- EXISTING SEWER MAIN
- EXISTING STORMWATER DRAIN

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100mm ON ORIGINAL DRAWING - DO NOT SCALE DRAWING

SHEET SIZE
A1

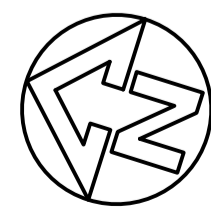
COORDS: MGA94 ZONE 54
DATUM: ALL LEVELS TO A.H.D.

SCALE:

SURVEYED: ALEXANDER SYMONDS
SURVEY DATE: 19.10.2020

APPROVED / PROJECT LEADER

S.PAPE



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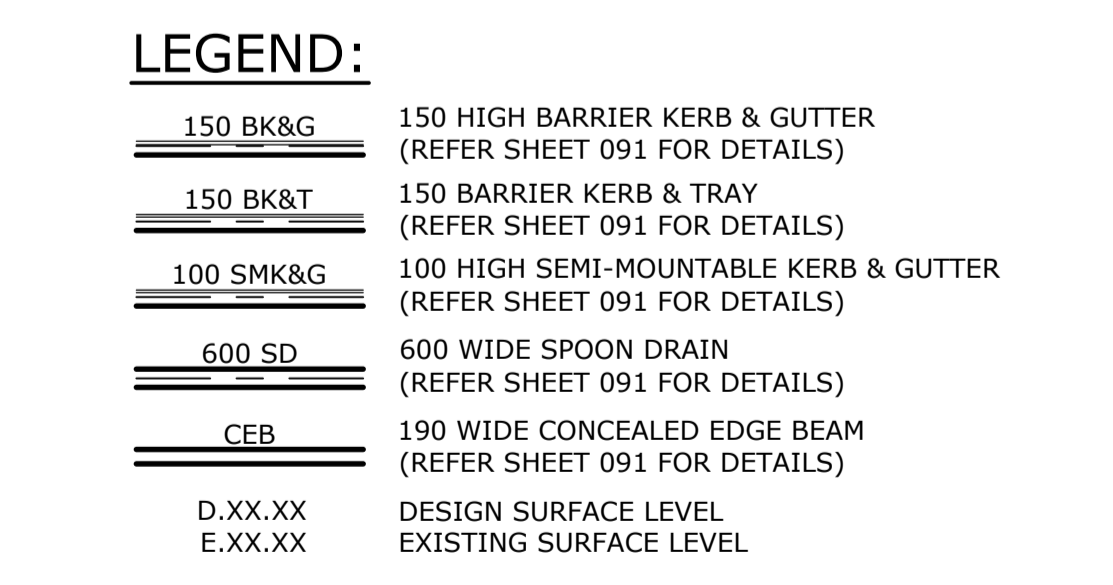
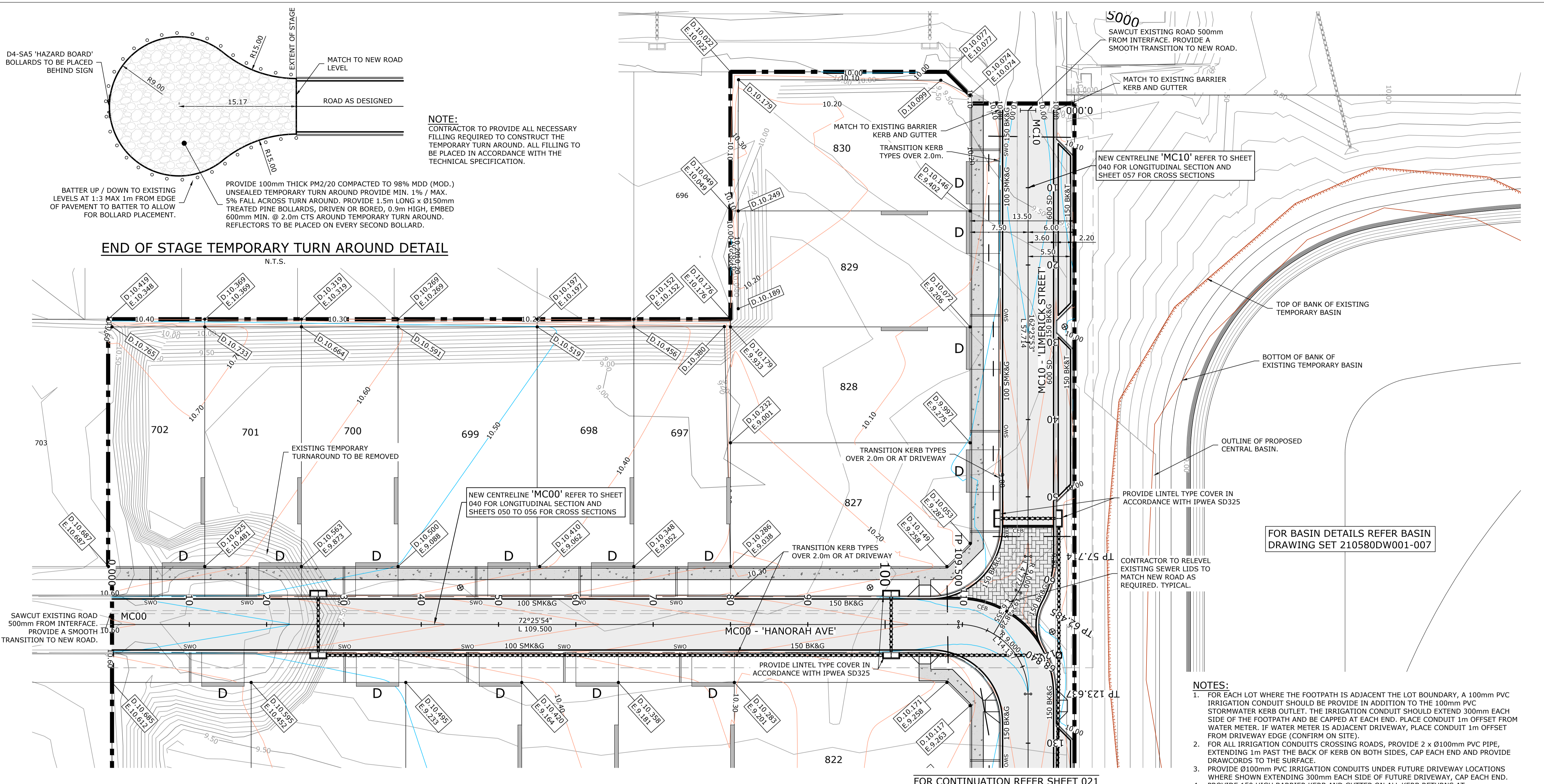
tonkin.com.au

ASTRAD PTY LTD

VIRGINIA GROVE - STAGE 13

D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
MASTER SERVICES PLAN - SHEET 5

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_03_SERVICES.DWG	211189	014	0



NOTE:
CONTRACTOR TO PROVIDE ALL NECESSARY FILLING REQUIRED TO CONSTRUCT THE TEMPORARY TURN AROUND. ALL FILLING TO BE PLACED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION.

PROVIDE 100mm THICK PM2/20 COMPACTED TO 98% MDD (MOD.) UNSEALED TEMPORARY TURN AROUND PROVIDE MIN. 1% / MAX. 5% FALL ACROSS TURN AROUND. PROVIDE 1.5m LONG x Ø150mm TREATED PINE BOLLARDS, DRIVEN OR BORED, 0.9m HIGH, EMBED 600mm MIN. @ 2.0m CTS AROUND TEMPORARY TURN AROUND. REFLECTORS TO BE PLACED ON EVERY SECOND BOLLARD.

END OF STAGE TEMPORARY TURN AROUND DETAIL
N.T.S.

- NOTES:**
- FOR EACH LOT WHERE THE FOOTPATH IS ADJACENT THE LOT BOUNDARY, A 100mm PVC IRRIGATION CONDUIT SHOULD BE PROVIDED IN ADDITION TO THE 100mm PVC STORMWATER KERB OUTLET. THE IRRIGATION CONDUIT SHOULD EXTEND 300mm EACH SIDE OF THE FOOTPATH AND BE CAPPED AT EACH END. PLACE CONDUIT 1m OFFSET FROM WATER METER. IF WATER METER IS ADJACENT DRIVEWAY, PLACE CONDUIT 1m OFFSET FROM DRIVEWAY EDGE (CONFIRM ON SITE).
 - FOR ALL IRRIGATION CONDUITS CROSSING ROADS, PROVIDE 2 x Ø100mm PVC PIPE, EXTENDING 1m PAST THE BACK OF KERB ON BOTH SIDES, CAP EACH END AND PROVIDE DRAWCORDS TO THE SURFACE.
 - PROVIDE Ø100mm PVC IRRIGATION CONDUITS UNDER FUTURE DRIVEWAY LOCATIONS WHERE SHOWN EXTENDING 300mm EACH SIDE OF FUTURE DRIVEWAY, CAP EACH END.
 - PROVIDE 150 HIGH BARRIER KERB AND GUTTER ON ALL KERB RETURNS AT INTERSECTIONS AND EXTEND MINIMUM 6.0m PAST TANGENT POINTS.
 - TRAFFIC CONTROL DETAILS AND RETROREFLECTIVE RAISED PAVEMENT MARKERS INSTALLED IN ACCORDANCE WITH AUSTRALIAN STANDARD 'AS 1742 MANUAL OF TRAFFIC CONTROL DEVICES' AS MODIFIED BY DIT'S CODE OF TECHNICAL REQUIREMENTS, AND THE DIT 'PAVEMENT MARKING MANUAL'.
 - REFER TO SHEETS 080 TO 084 FOR STREET SIGN LOCATIONS. FOR SIGN INSTALLATION DETAILS REFER TO 'DIT MASTER SPECIFICATION, PART RD-LM-C4 SIGN INSTALLATION' & CITY OF PLAYFORD REQUIREMENTS.
 - ANY BATTERS REQUIRED DURING CONSTRUCTION TO BE GRADED BACK TO EXISTING AT 1 IN 5 MAXIMUM.

LEGEND:

- 150 BK&G 150 HIGH BARRIER KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
- 150 BK&T 150 BARRIER KERB & TRAY (REFER SHEET 091 FOR DETAILS)
- 100 SMK&G 100 HIGH SEMI-MOUNTABLE KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
- 600 SD 600 WIDE SPOON DRAIN (REFER SHEET 091 FOR DETAILS)
- CEB 190 WIDE CONCEALED EDGE BEAM (REFER SHEET 091 FOR DETAILS)
- D.XX.XX DESIGN SURFACE LEVEL
- E.XX.XX EXISTING SURFACE LEVEL

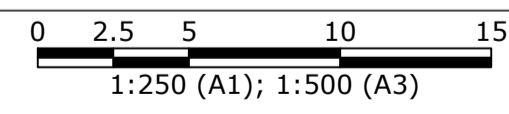
- CONCRETE KERB RAMP (REFER IPWEA DETAIL SD125 & SD130)
- PROPOSED SIDE ENTRY PIT (SEP) (REFER SHEETS 070 TO 079)
- PROPOSED JUNCTION BOX (JB) (REFER SHEETS 070 TO 079)
- PROPOSED GRATED INLET PIT (GIP) (REFER SHEETS 070 TO 079)
- PROPOSED HEADWALL (HW) (REFER SHEETS 070 TO 079)
- PROPOSED STORM WATER KERB OUTLET (REFER SHEET 091 FOR DETAILS)
- PROPOSED LIGHT POLE (REFER SAPN DRAWINGS)

- D DENOTES FUTURE DRIVEWAY LOCATION (BY OTHERS)
- DENOTES ALLOWABLE BOUNDARY BUILD (BY FUTURE OWNER)
- EXISTING STORMWATER DRAIN
- PROPOSED STORMWATER DRAIN (REFER SHEETS 070 TO 079)
- NEW ROAD PAVEMENT (REFER SHEET 085 FOR DETAILS)
- BLOCK PAVED THRESHOLD (REFER SHEET 085 FOR DETAILS)
- NEW 1.5m WIDE FOOTPATH (REFER SHEET 085 FOR DETAILS)

- 9.90 FINISHED SURFACE MINOR CONTOURS (0.1m INTERVAL)
- 10.00 FINISHED SURFACE MAJOR CONTOURS (0.5m INTERVAL)
- 9.90 EXISTING SURFACE MINOR CONTOURS (0.1m INTERVAL)
- 10.00 EXISTING SURFACE MAJOR CONTOURS (0.5m INTERVAL)
- PROPOSED STAGE BOUNDARY
- PROPOSED Ø100mm IRRIGATION CONDUIT. REFER TO NOTES

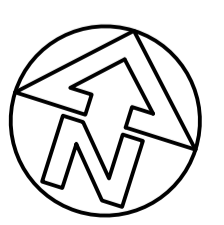
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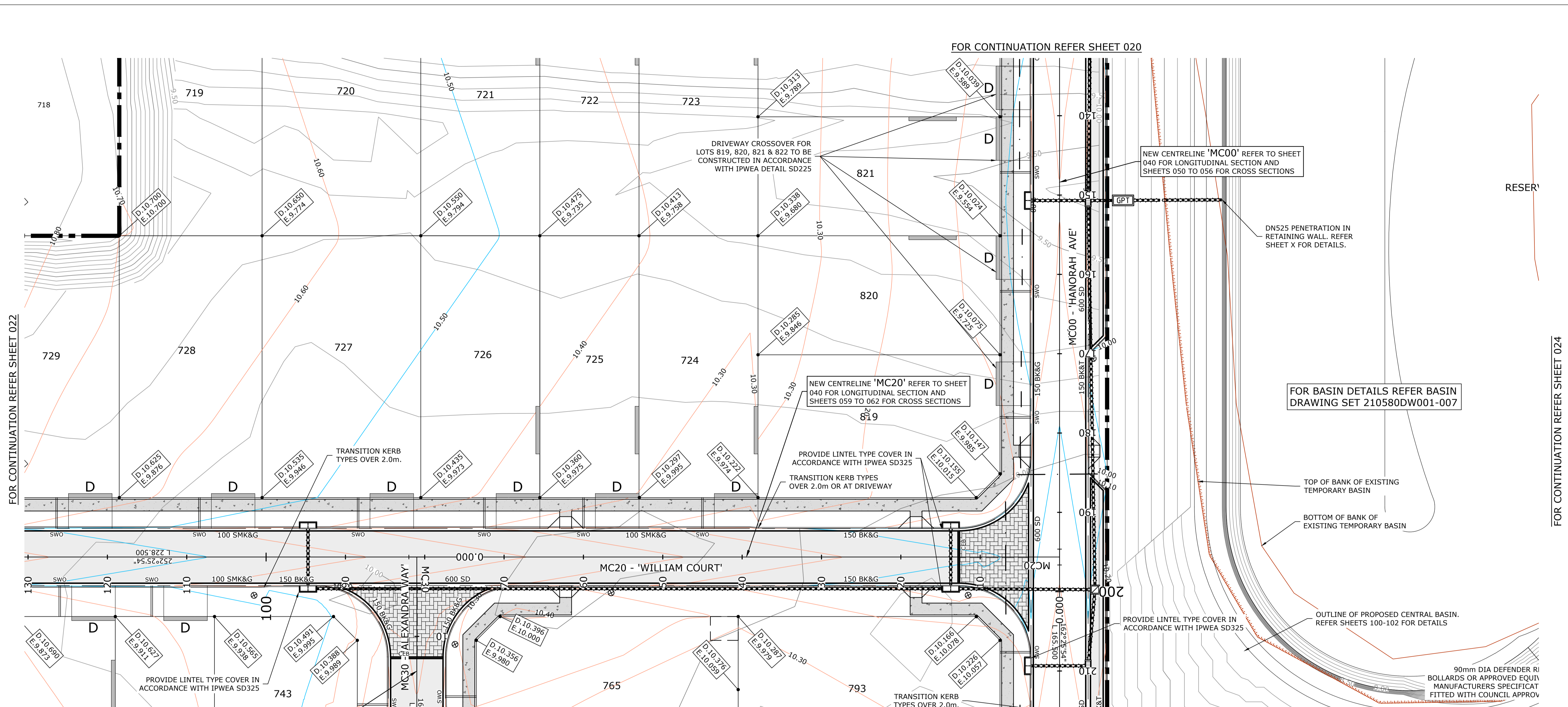
SHEET SIZE
A1

COORDS: MGA94 ZONE 54				
DATUM: ALL LEVELS TO A.H.D.				
SCALE:				
SURVEYED: ALEXANDER SYMONDS				
SURVEY DATE: 19.10.2020				
APPROVED / PROJECT LEADER				
0 ISSUED FOR CONSTRUCTION	16.06.22	RIH	RIH	
REV AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	S.PAPE



FOR CONSTRUCTION
ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
GENERAL CONSTRUCTION PLAN - SHEET 1

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_04_GENERAL_CONSTRUCTION.DWG	211189	020	0



FOR CONTINUATION REFER SHEET 022 (left), FOR CONTINUATION REFER SHEET 023 (bottom), FOR CONTINUATION REFER SHEET 024 (right), FOR CONTINUATION REFER SHEET 020 (top)

- LEGEND:**
- 150 BK&G 150 HIGH BARRIER KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
 - 150 BK&T 150 BARRIER KERB & TRAY (REFER SHEET 091 FOR DETAILS)
 - 100 SMK&G 100 HIGH SEMI-MOUNTABLE KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
 - 600 SD 600 WIDE SPOON DRAIN (REFER SHEET 091 FOR DETAILS)
 - CEB 190 WIDE CONCEALED EDGE BEAM (REFER SHEET 091 FOR DETAILS)
 - D.XX.XX DESIGN SURFACE LEVEL
 - E.XX.XX EXISTING SURFACE LEVEL

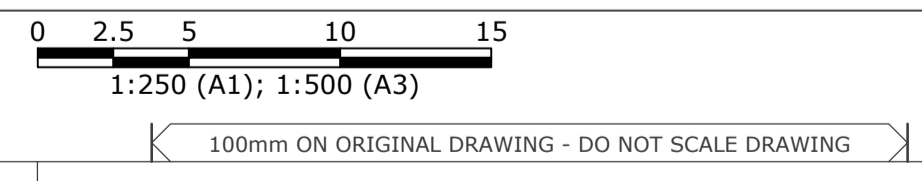
- CONCRETE KERB RAMP (REFER IPWEA DETAIL SD125 & SD130)
- PROPOSED SIDE ENTRY PIT (SEP) (REFER SHEETS 070 TO 079)
- PROPOSED JUNCTION BOX (JB) (REFER SHEETS 070 TO 079)
- PROPOSED GRATED INLET PIT (GIP) (REFER SHEETS 070 TO 079)
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- PROPOSED STORM WATER KERB OUTLET (REFER SHEET 091 FOR DETAILS)
- PROPOSED LIGHT POLE (REFER SAPN DRAWINGS)

- DENOTES FUTURE DRIVEWAY LOCATION (BY OTHERS)
- DENOTES ALLOWABLE BOUNDARY BUILD (BY FUTURE OWNER)
- EXISTING STORMWATER DRAIN
- PROPOSED STORMWATER DRAIN (REFER SHEETS 070 TO 079)
- NEW ROAD PAVEMENT (REFER SHEET 085 FOR DETAILS)
- BLOCK PAVED THRESHOLD (REFER SHEET 085 FOR DETAILS)
- NEW 1.5m WIDE FOOTPATH (REFER SHEET 085 FOR DETAILS)

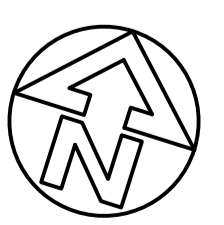
- 9.90 FINISHED SURFACE MINOR CONTOURS (0.1m INTERVAL)
- 10.00 FINISHED SURFACE MAJOR CONTOURS (0.5m INTERVAL)
- 9.90 EXISTING SURFACE MINOR CONTOURS (0.1m INTERVAL)
- 10.00 EXISTING SURFACE MAJOR CONTOURS (0.5m INTERVAL)
- PROPOSED STAGE BOUNDARY
- PROPOSED 100mm IRRIGATION CONDUIT. REFER TO NOTES

- NOTES:**
- FOR EACH LOT WHERE THE FOOTPATH IS ADJACENT THE LOT BOUNDARY, A 100mm PVC IRRIGATION CONDUIT SHOULD BE PROVIDED IN ADDITION TO THE 100mm PVC STORMWATER KERB OUTLET. THE IRRIGATION CONDUIT SHOULD EXTEND 300mm EACH SIDE OF THE FOOTPATH AND BE CAPPED AT EACH END. PLACE CONDUIT 1m OFFSET FROM WATER METER. IF WATER METER IS ADJACENT DRIVEWAY, PLACE CONDUIT 1m OFFSET FROM DRIVEWAY EDGE (CONFIRM ON SITE).
 - FOR ALL IRRIGATION CONDUITS CROSSING ROADS, PROVIDE 2 x Ø100mm PVC PIPE, EXTENDING 1m PAST THE BACK OF KERB ON BOTH SIDES, CAP EACH END AND PROVIDE DRAWCORDS TO THE SURFACE.
 - PROVIDE Ø100mm PVC IRRIGATION CONDUITS UNDER FUTURE DRIVEWAY LOCATIONS WHERE SHOWN EXTENDING 300mm EACH SIDE OF FUTURE DRIVEWAY, CAP EACH END.
 - PROVIDE 150 HIGH BARRIER KERB AND GUTTER ON ALL KERB RETURNS AT INTERSECTIONS AND EXTEND MINIMUM 6.0m PAST TANGENT POINTS.
 - TRAFFIC CONTROL DETAILS AND RETROREFLECTIVE RAISED PAVEMENT MARKERS INSTALLED IN ACCORDANCE WITH AUSTRALIAN STANDARD 'AS 1742 MANUAL OF TRAFFIC CONTROL DEVICES' AS MODIFIED BY DIT'S CODE OF TECHNICAL REQUIREMENTS, AND THE DIT 'PAVEMENT MARKING MANUAL'.
 - REFER TO SHEETS 080 TO 084 FOR STREET SIGN LOCATIONS. FOR SIGN INSTALLATION DETAILS REFER TO 'DIT MASTER SPECIFICATION, PART RD-LM-C4 SIGN INSTALLATION' & CITY OF PLAYFORD REQUIREMENTS.
 - ANY BATTERS REQUIRED DURING CONSTRUCTION TO BE GRADED BACK TO EXISTING AT 1 IN 5 MAXIMUM.

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SHEET SIZE
A1



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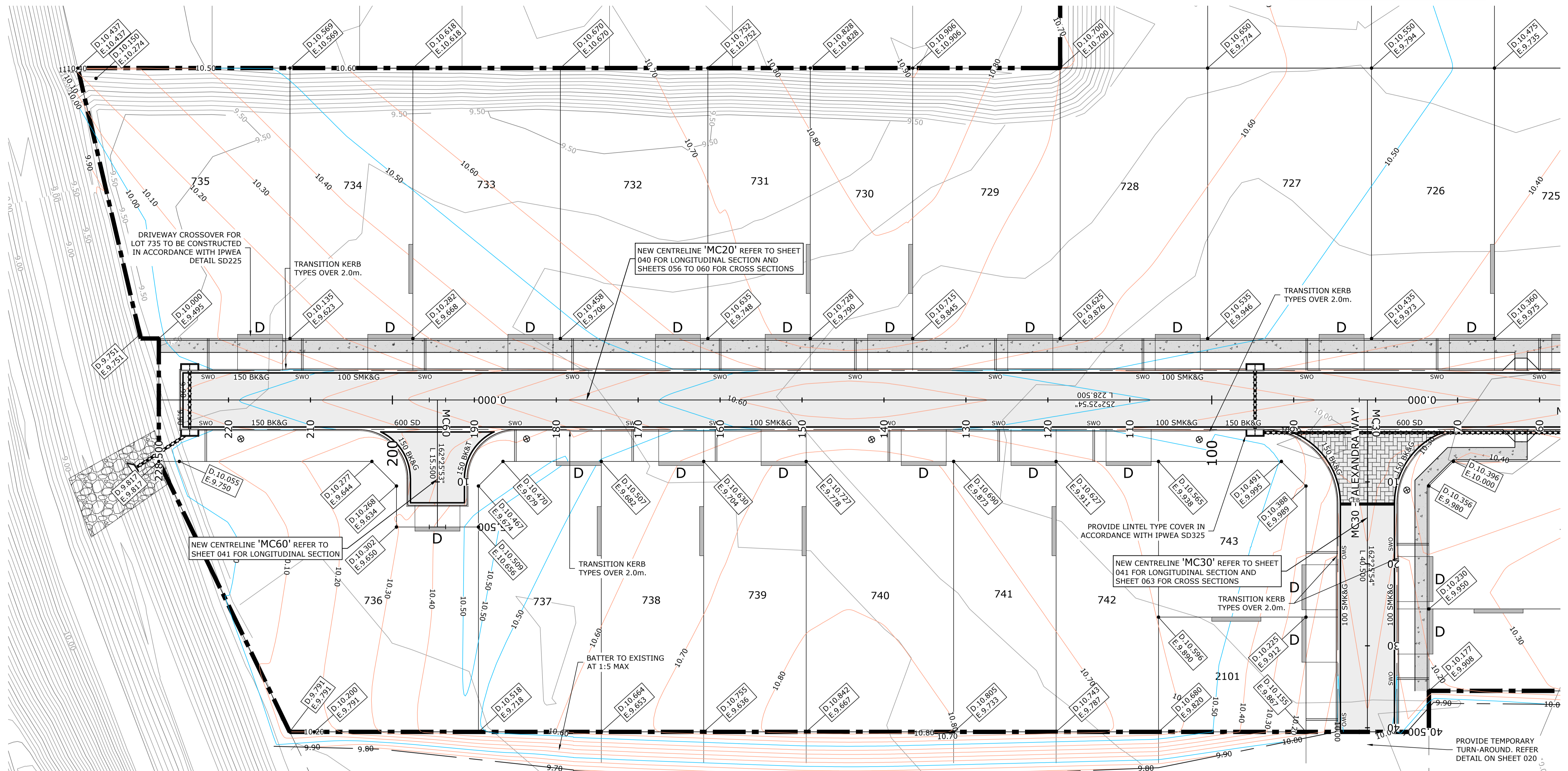


FOR CONSTRUCTION
ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
GENERAL CONSTRUCTION PLAN - SHEET 2

REV	ISSUED FOR CONSTRUCTION	DATE	DES.	RIH	RIH
0	ISSUED FOR CONSTRUCTION	16.06.22	RIH	RIH	
	AMENDMENT / REASON FOR ISSUE				

COORDS: MGA94 ZONE 54
DATUM: ALL LEVELS TO A.H.D.
SCALE:
SURVEYED: ALEXANDER SYMONDS
SURVEY DATE: 19.10.2020
APPROVED / PROJECT LEADER
S.PAPE

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_04_GENERAL_CONSTRUCTION.DWG	211189	021	0



FOR CONTINUATION REFER SHEET 023

- LEGEND:**
- 150 BK&G 150 HIGH BARRIER KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
 - 150 BK&T 150 BARRIER KERB & TRAY (REFER SHEET 091 FOR DETAILS)
 - 100 SMK&G 100 HIGH SEMI-MOUNTABLE KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
 - 600 SD 600 WIDE SPOON DRAIN (REFER SHEET 070 TO 079)
 - CEB 190 WIDE CONCEALED EDGE BEAM (REFER SHEET 091 FOR DETAILS)
 - D.XX.XX DESIGN SURFACE LEVEL
 - E.XX.XX EXISTING SURFACE LEVEL

- CONCRETE KERB RAMP (REFER IPWEA DETAIL SD125 & SD130)
- PROPOSED SIDE ENTRY PIT (SEP) (REFER SHEETS 070 TO 079)
- PROPOSED JUNCTION BOX (JB) (REFER SHEETS 070 TO 079)
- PROPOSED GRATED INLET PIT (GIP) (REFER SHEETS 070 TO 079)
- PROPOSED HEADWALL (HW) (REFER SHEETS 070 TO 079)
- PROPOSED STORM WATER KERB OUTLET (REFER SHEET 091 FOR DETAILS)
- PROPOSED LIGHT POLE (REFER SAPN DRAWINGS)

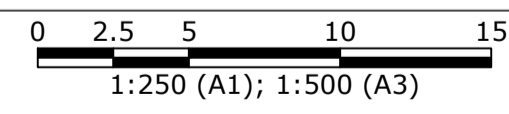
- DENOTES FUTURE DRIVEWAY LOCATION (BY OTHERS)
- DENOTES ALLOWABLE BOUNDARY BUILD (BY FUTURE OWNER)
- EXISTING STORMWATER DRAIN
- PROPOSED STORMWATER DRAIN (REFER SHEETS 070 TO 079)
- NEW ROAD PAVEMENT (REFER SHEETS 070 TO 079)
- BLOCK PAVED THRESHOLD (REFER SHEET 085 FOR DETAILS)
- NEW 1.5m WIDE FOOTPATH (REFER SHEET 085 FOR DETAILS)

- 9.90 FINISHED SURFACE MINOR CONTOURS (0.1m INTERVAL)
- 10.00 FINISHED SURFACE MAJOR CONTOURS (0.5m INTERVAL)
- 9.90 EXISTING SURFACE MINOR CONTOURS (0.1m INTERVAL)
- 10.00 EXISTING SURFACE MAJOR CONTOURS (0.5m INTERVAL)
- PROPOSED STAGE BOUNDARY
- - - PROPOSED Ø100mm IRRIGATION CONDUIT. REFER TO NOTES

NOTES:

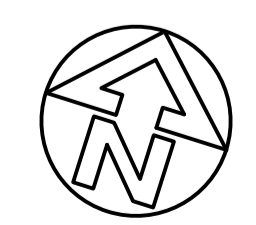
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2. FOR ALL IRRIGATION CONDUITS CROSSING ROADS, PROVIDE 2 x Ø100mm PVC PIPE, EXTENDING 1m PAST THE BACK OF KERB ON BOTH SIDES, CAP EACH END AND PROVIDE DRAWCORDS TO THE SURFACE.
3. PROVIDE Ø100mm PVC IRRIGATION CONDUITS UNDER FUTURE DRIVEWAY LOCATIONS WHERE SHOWN EXTENDING 300mm EACH SIDE OF FUTURE DRIVEWAY, CAP EACH END.
4. PROVIDE 150 HIGH BARRIER KERB AND GUTTER ON ALL KERB RETURNS AT INTERSECTIONS AND EXTEND MINIMUM 6.0m PAST TANGENT POINTS.
5. 'TRAFFIC CONTROL DETAILS AND RETROREFLECTIVE RAISED PAVEMENT MARKERS INSTALLED IN ACCORDANCE WITH AUSTRALIAN STANDARD 'AS 1742 MANUAL OF TRAFFIC CONTROL DEVICES' AS MODIFIED BY DIT'S CODE OF TECHNICAL REQUIREMENTS, AND THE DIT 'PAVEMENT MARKING MANUAL'.
6. REFER TO SHEETS 080 TO 084 FOR STREET SIGN LOCATIONS. FOR SIGN INSTALLATION DETAILS REFER TO 'DIT MASTER SPECIFICATION, PART RD-LM-C4 SIGN INSTALLATION' & CITY OF PLAYFORD REQUIREMENTS.
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SHEET SIZE
A1

COORDS: MGA94 ZONE 54
DATUM: ALL LEVELS TO A.H.D.
SCALE:
SURVEYED: ALEXANDER SYMONDS
SURVEY DATE: 19.10.2020
APPROVED / PROJECT LEADER



PUBLIC UTILITIES:
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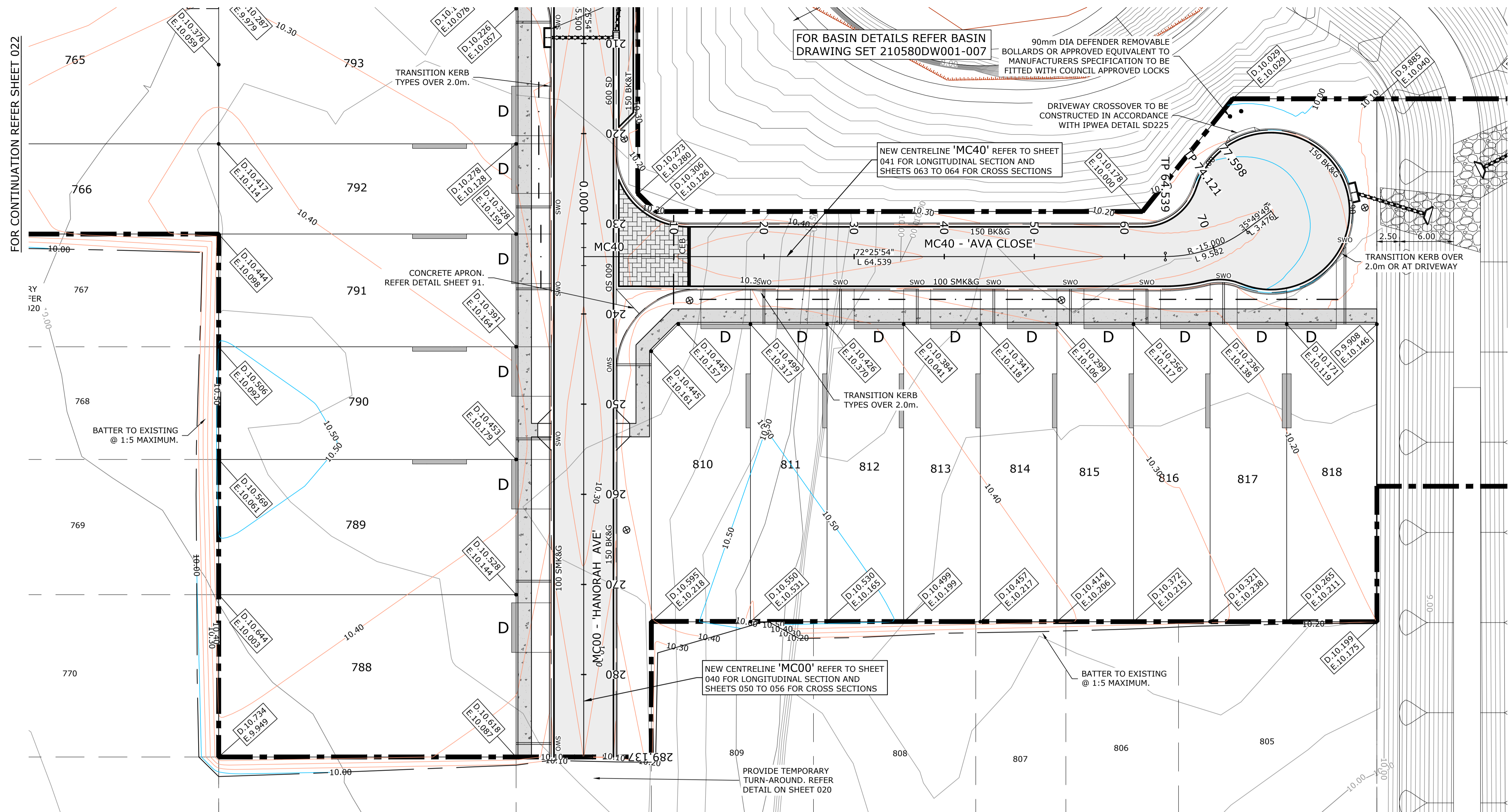


FOR CONSTRUCTION
ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
GENERAL CONSTRUCTION PLAN - SHEET 3

REV	ISSUED FOR CONSTRUCTION	DATE	RIH	RIH	S.PAPE
	AMENDMENT / REASON FOR ISSUE	DATE	DES.	DWN.	
0	ISSUED FOR CONSTRUCTION	16.06.22	RIH	RIH	

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_04_GENERAL_CONSTRUCTION.DWG	211189	022	0

FOR CONTINUATION REFER SHEET 021



FOR BASIN DETAILS REFER BASIN DRAWING SET 210580DW001-007

90mm DIA DEFENDER REMOVABLE BOLLARDS OR APPROVED EQUIVALENT TO MANUFACTURERS SPECIFICATION TO BE FITTED WITH COUNCIL APPROVED LOCKS

DRIVEWAY CROSSOVER TO BE CONSTRUCTED IN ACCORDANCE WITH IPWEA DETAIL SD225

NEW CENTRELINE 'MC40' REFER TO SHEET 041 FOR LONGITUDINAL SECTION AND SHEETS 063 TO 064 FOR CROSS SECTIONS

MC40 - 'AVA CLOSE'

NEW CENTRELINE 'MC00' REFER TO SHEET 040 FOR LONGITUDINAL SECTION AND SHEETS 050 TO 056 FOR CROSS SECTIONS

PROVIDE TEMPORARY TURN-AROUND. REFER DETAIL ON SHEET 020

LEGEND:

- 150 BK&G 150 HIGH BARRIER KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
- 150 BK&T 150 BARRIER KERB & TRAY (REFER SHEET 091 FOR DETAILS)
- 100 SMK&G 100 HIGH SEMI-MOUNTABLE KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
- 600 SD 600 WIDE SPOON DRAIN (REFER SHEET 070 TO 079)
- CEB 190 WIDE CONCEALED EDGE BEAM (REFER SHEET 091 FOR DETAILS)
- D.XX.XX DESIGN SURFACE LEVEL
- E.XX.XX EXISTING SURFACE LEVEL

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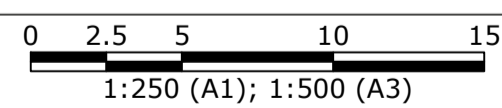
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- 10.00 EXISTING SURFACE MAJOR CONTOURS (0.5m INTERVAL)
- PROPOSED STAGE BOUNDARY
- PROPOSED Ø100mm IRRIGATION CONDUIT. REFER TO NOTES

NOTES:

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SHEET SIZE A1

COORDS: MGA94 ZONE 54 DATUM: ALL LEVELS TO A.H.D.

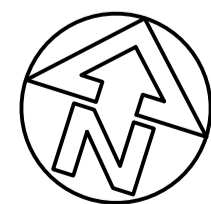
SCALE:

SURVEYED: ALEXANDER SYMONDS SURVEY DATE: 19.10.2020

APPROVED / PROJECT LEADER

REV	ISSUED FOR CONSTRUCTION	DATE	RIH	RIH
	AMENDMENT / REASON FOR ISSUE		DES.	DWN.
0	ISSUED FOR CONSTRUCTION	16.06.22	RIH	RIH

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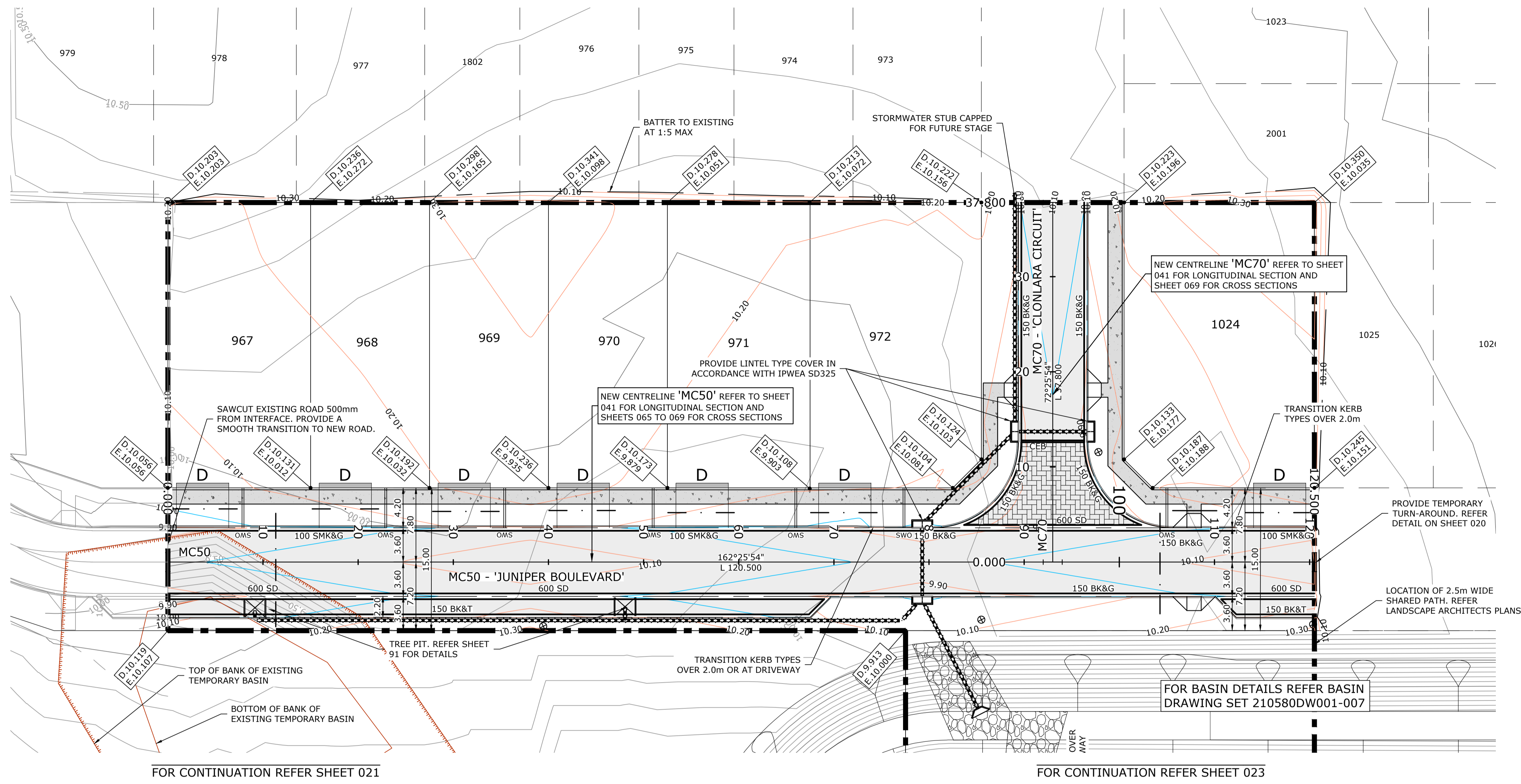


tonkin.com.au

FOR CONSTRUCTION

ASTRAD PTY LTD
 VIRGINIA GROVE - STAGE 13
 D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
 GENERAL CONSTRUCTION PLAN - SHEET 4

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_04_GENERAL_CONSTRUCTION.DWG	211189	023	0



- LEGEND:**
- 150 BK&G 150 HIGH BARRIER KERB & GUTTER (REFER SHEET 091 FOR DETAILS)
 - 150 BK&T 150 BARRIER KERB & TRAY (REFER SHEET 091 FOR DETAILS)
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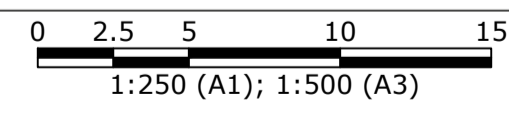
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- PROPOSED STAGE BOUNDARY
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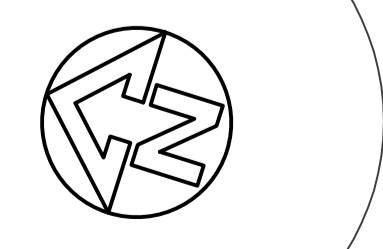
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SHEET SIZE
A1

REV	ISSUED FOR CONSTRUCTION	DATE	RIH	RIH	REASON FOR ISSUE
0	ISSUED FOR CONSTRUCTION	16.06.22	RIH	RIH	
	AMENDMENT /	DATE	DES.	DWN.	

COORDS: MGA94 ZONE 54
DATUM: ALL LEVELS TO A.H.D.
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SURVEYED: ALEXANDER SYMONDS
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APPROVED / PROJECT LEADER
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FOR CONSTRUCTION
ASTRAD PTY LTD
VIRGINIA GROVE - STAGE 13
D/N: 292/D003/20 - SHEEDY ROAD VIRGINIA
GENERAL CONSTRUCTION PLAN - SHEET 5

FILENAME:	PROJECT NUMBER	DRAWING NUMBER	REVISION
211189_04_GENERAL_CONSTRUCTION.DWG	211189	024	0