

PAVEMENT LEGEND

ASPHALT OVERLAY / PROFILE & RESHEET (TYPE H ASPHALT)

PROFILE EXISTING ASPHALT ROAD PAVEMENT WHERE REQUIRED TO ALLOW FOR MINIMUM 40mm DEPTH TYPE H SIZE 14mm ASPHALT WEARING COURSE. GlasGrid 8511 GEOTEXTILE, OR COUNCIL APPROVED EQUIVALENT, IS TO BE INSTALLED BENEATH WEARING COURSE LAYER. APPLY VARYING DEPTH SIZE 10mm TYPE H REGULATION COURSE WHERE REQUIRED AND AS DIRECTED BY COUNCIL SUPERINTENDENT. TACK COAT AS NECESSARY FOLLOWING PROFILING OF EXISTING ASPHALT.

ASPHALT OVERLAY / PROFILE & RESHEET (TYPE V ASPHALT)

PROFILE EXISTING ASPHALT ROAD PAVEMENT WHERE REQUIRED TO ALLOW FOR MINIMUM 40mm DEPTH TYPE V SIZE 14mm ASPHALT WEARING COURSE. GlasGrid 8511 GEOTEXTILE, OR COUNCIL APPROVED EQUIVALENT, IS TO BE INSTALLED BENEATH WEARING COURSE LAYER. APPLY VARYING DEPTH SIZE 10mm TYPE H REGULATION COURSE WHERE REQUIRED AND AS DIRECTED BY COUNCIL SUPERINTENDENT. TACK COAT AS NECESSARY FOLLOWING PROFILING OF EXISTING ASPHALT.

PARTIAL PAVEMENT RECONSTRUCTION (TYPE H ASPHALT)

- WEARING COURSE:- 40mm DEPTH OF TYPE H SIZE 14mm ASPHALT.
- GlasGrid 8511 GEOTEXTILE, OR COUNCIL APPROVED EQUIVALENT.
- STRUCTURAL COURSE:- 70mm DEPTH OF TYPE SI SIZE 20mm ASPHALT.
- BASE COURSE:- 100mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK, COMPACTED TO 96% MODIFIED MDD.
- SUB-BASE COURSE:- APPROX. 100mm DEPTH OF EXISTING SIZE 20mm CRUSHED ROCK.

PARTIAL PAVEMENT RECONSTRUCTION (TYPE V ASPHALT)

- WEARING COURSE:- 40mm DEPTH OF TYPE V SIZE 14mm ASPHALT.
- GlasGrid 8511 GEOTEXTILE, OR COUNCIL APPROVED EQUIVALENT.
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- BASE COURSE:- 100mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK, COMPACTED TO 96% MODIFIED MDD.
- SUB-BASE COURSE:- APPROX. 100mm DEPTH OF EXISTING SIZE 20mm CRUSHED ROCK.

ASPHALT RAISED PAVEMENT FLAT TOP

CONSTRUCT NEW ASPHALT FLAT TOP USING TYPE V SIZE 10mm ASPHALT.

ASPHALT RAISED PAVEMENT RAMPS

CONSTRUCT NEW ASPHALT RAMPS USING TYPE V SIZE 10mm ASPHALT.

CONCRETE FOOTPATH

CONSTRUCT 125mm DEPTH REINFORCED (SL72 MESH) CONCRETE FOOTPATH ON 50mm DEPTH CLASS 3 FCR, AS PER MCC STD DWG MCC-401.

CONCRETE PRAM CROSSING

CONSTRUCT CONCRETE PRAM CROSSINGS AS PER MCC STD DWG MCC-405 & MCC-406.

CONCRETE "RESIDENTIAL" VEHICLE CROSSING

CONSTRUCT 150mm DEPTH REINFORCED (SL72 MESH) 25MPa CONCRETE "RESIDENTIAL" VEHICLE CROSSINGS ON 50mm DEPTH CLASS 3 FCR, AS PER MCC STD DWG MCC-501. ALSO REFER TO DETAILS ON SHEET 2.

CONCRETE "INDUSTRIAL" VEHICLE CROSSING

CONSTRUCT 200mm DEPTH REINFORCED (SL82 MESH) 32MPa CONCRETE "INDUSTRIAL" VEHICLE CROSSINGS ON 75mm DEPTH CLASS 3 FCR, AS PER MCC STD DWG MCC-502. ALSO REFER TO DETAILS ON SHEET 2.

CONCRETE "RESIDENTIAL" DRIVEWAY - WITHIN PRIVATE PROPERTY

CONSTRUCT 150mm DEPTH REINFORCED (SL72 MESH) 25MPa CONCRETE "RESIDENTIAL" DRIVEWAY AS PER THE RESIDENTIAL VEHICLE CROSSING STD DWG MCC-501. NOTE:- IF THE EXISTING CONCRETE IS FOUND TO BE OF A HIGHER STANDARD THAN THE COUNCIL STD DWG MCC-501 THEN THE HIGHER STANDARD IS TO BE REINSTATED.

CONCRETE "INDUSTRIAL" DRIVEWAY - WITHIN PRIVATE PROPERTY

CONSTRUCT 200mm DEPTH REINFORCED (SL82 MESH) 32MPa CONCRETE "INDUSTRIAL" DRIVEWAY AS PER THE INDUSTRIAL VEHICLE CROSSING STD DWG MCC-502. NOTE:- IF THE EXISTING CONCRETE IS FOUND TO BE OF A HIGHER STANDARD THAN THE COUNCIL STD DWG MCC-502 THEN THE HIGHER STANDARD IS TO BE REINSTATED. THIS AREA ALSO INCLUDES THE AREA OF TRENCH REINSTATEMENT WITHIN PROPERTY No. 100 NEW STREET WITHIN THE PRIVATE ROAD & CAR PARK AREAS.

ASPHALT & BRICK EDGING DRIVEWAY - WITHIN PRIVATE PROPERTY

EXISTING ASPHALT & BRICK EDGING VEHICLE CROSSING IS TO BE RECONSTRUCTED AS REQUIRED BY REUSING THE EXISTING BRICKS WHERE POSSIBLE TO SUIT NEW FOOTPATH LEVELS. THE ASPHALT & BRICK EDGING ARE TO MATCH EXISTING CONDITIONS. ALL AS DIRECTED BY COUNCIL'S SUPERINTENDENT.

MOLAN STREET TRENCH REINSTATEMENT (TYPE H ASPHALT)

- WEARING COURSE:- 40mm DEPTH OF TYPE H SIZE 14mm ASPHALT.
- STRUCTURAL COURSE:- 70mm DEPTH OF TYPE SI SIZE 20mm ASPHALT.

REFER TO NOTES ON PLANS

REFER TO NOTES ON PLANS

REFER TO NOTES ON PLANS

REFER TO NOTES ON PLANS

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"SM1 TYPE ISLAND"

CONSTRUCT CONCRETE TRAFFIC ISLAND AS PER STD. DWG. MCC-604. SURFACE TREATMENT FOR ISLAND INFILL TO BE BRICK STENCIL PATTERN IN RED BRICK COLOUR. CONCRETE FOR PEDESTRIAN CUT THROUGH TO BE PLAIN COLOUR & FINISH.

"M4 TYPE ISLAND"

CONSTRUCT CONCRETE TRAFFIC ISLAND AS PER STD. DWG. MCC-604 USING M4 TYPE KERB IN LIEU OF SM1 TYPE. ALL CONCRETE FOR THIS ISLAND TYPE IS TO BE 200mm DEPTH 32MPa CONCRETE WITH SL82 MESH (PLACED CENTRALLY), ON PREPARED 150mm MIN. THICKNESS, CLASS 3 CRUSHED ROCK. CONCRETE SURFACE IS TO BE PLAIN COLOUR & FINISH.

ASPHALT FOOTPATH

CONSTRUCT 30mm COMPACTED DEPTH OF SIZE 7mm TYPE N ASPHALT FOOTPATH ON 100mm DEPTH CLASS 3 SIZE 20mm FCR, AS PER MCC STD DWG MCC-402.

PAVEMENT RECONSTRUCTION AROUND PROPOSED ROAD HUMPS

REFER TO STD DWG MCC-605 WITH THE FOLLOWING AMENDMENTS TO THE PAVEMENT COMPOSITION:

- WEARING COURSE:- 40mm DEPTH OF TYPE V SIZE 14mm ASPHALT.
- STRUCTURAL COURSE:- 70mm DEPTH OF TYPE SI SIZE 20mm ASPHALT.
- BASE COURSE:- 350mm DEPTH OF 20mm CLASS 2 FCR.

REINSTATEMENT OF NATURE STRIPS

REINSTATEMENT OF NATURE STRIPS / BATTERS, INCLUDING SUPPLY AND SPREADING OF 100mm DEPTH TOP SOIL AND HYDRO MULCHING.

**WARNING**  
BEWARE OF UNDERGROUND SERVICES  
THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVIDED ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.

**NOTE:**  
THE APPOINTED CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE COUNCIL, CONSULTANT AND ITS EMPLOYEES AGAINST ANY CLAIM FOR INJURY, LOSS OR DAMAGE THAT IS MADE ARISING OUT OF THE NEGLIGENCE ACTS OR OMISSIONS OF THE CONTRACTOR. ALL INFORMATION PROVIDED ON THESE PLANS SHALL BE CROSS REFERENCED BY THE APPOINTED CONTRACTOR. IF THERE IS ANY PERCEIVED AMBIGUITY OR INFORMATION IS NOT UNDERSTOOD BY THE CONTRACTOR, THEN THE CONTRACTOR SHOULD CONTACT COUNCIL'S SUPERINTENDENT IMMEDIATELY FOR CLARIFICATION. COUNCIL SHOULD BE GIVEN THE OPPORTUNITY AND SUFFICIENT TIME TO INVESTIGATE, PRIOR TO ANY CONSTRUCTION COMMENCING OR CONTINUING. CRE WILL NOT BE HELD RESPONSIBLE OR LIABLE AGAINST ANY CLAIM MADE FOR MISINTERPRETATION OF THE SUPPLIED PLANS.

LEGEND	TOP	EX TELSTRA OPTIC FIBRE	HPG	EX HIGH PRESSURE GAS MAIN	
	T	EX TELSTRA CABLE & PIT	S	EX SOWER & PIT	
W	EX WATER MAIN	ABW	EX ABANDONED WATER MAIN	G	EX GAS MAIN
ABG	EX ABANDONED GAS MAIN	E	EX U/G ELECTRICITY CABLE	E	EX O/H ELECTRICITY CABLE
O	EX OPTUS CABLE	HD	EX HOUSE DRAIN	STOP VALVE	FIRE PLUG
				FIRE HYDRANT (ABOVE GROUND)	FIRE HYDRANT (GROUND LEVEL)
				ELECTRICITY SUPPLY POLE	E.S.P. WITH LIGHT
				LIGHT POLE ONLY	TELECOM PILLAR
				EXISTING POST	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL
				TRAFFIC SIGNAL POLE	UNCLASSIFIED PIT
				EX. SIGN	FENCE
				EXISTING BOLLARD	LIMIT OF WORKS
				RUBBISH BIN	EX DRAIN & PIT
				PSM	PROPOSED DRAIN & PIT
				STN/TBM	
NO.		AMENDMENTS		DATE	

CRE CONSULTING ENGINEERS PTY LTD

Civil • Municipal • Drainage • Project Management

704 Mount Alexander Road, Moonee Ponds, Vic, 3039  
Phone: (03) 9370 5522 Fax: (03) 9370 5533  
Email: admin@creconsulting.com.au

DESIGNED : CRE	DATE : 07/08/19
CHECKED :	DATE :
SURVEYED: COUNCIL	DATE : JULY 2019
SURVEY DATUM : A.H.D. & MGA	
SCALES : AS SHOWN	@A1

CLIENT:

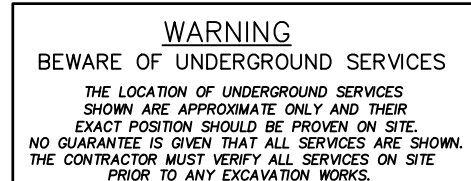
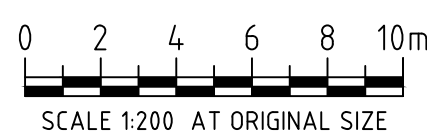
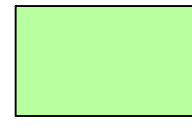
NEW STREET, RINGWOOD ROAD REHABILITATION & DRAINAGE UPGRADES  PAVEMENT PLAN	
CRE REF: 2375-(REV-P13).DWG	CRE REV. NO.: P13
AMEND. NO.: -	DWG. NO. 2375
SHEET: 12 OF 122	SIZE: A1

TENDER ISSUE



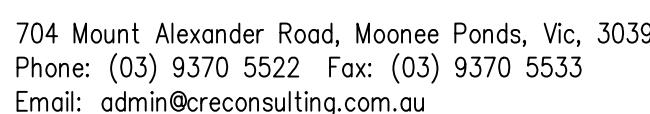







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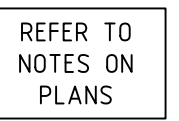



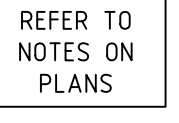


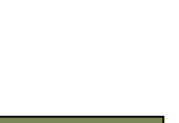



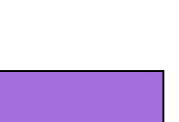


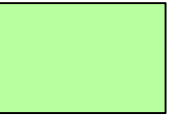
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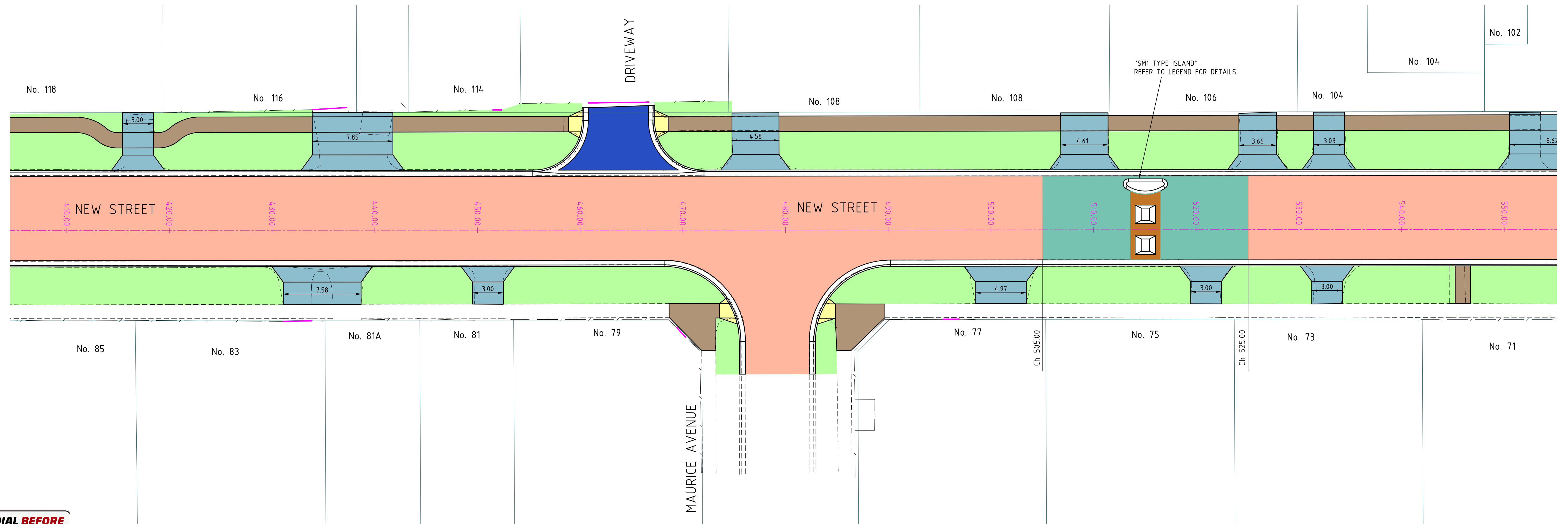
 Maroondah  
City Council

CRE REF: 2375-(REV-P13).DWG	
CRE REV. NO.: P13	
AMEND. NO.: -	
DWG.NO. <b>2375</b>	
SHEET: 14 OF 122	SIZE: A1



### PAVEMENT LEGEND

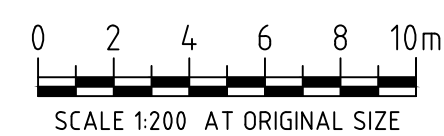
	<b>ASPHALT OVERLAY / PROFILE &amp; RESHEET (TYPE H ASPHALT)</b> PROFILE EXISTING ASPHALT ROAD PAVEMENT WHERE REQUIRED TO ALLOW FOR MINIMUM 40mm DEPTH TYPE H SIZE 14mm ASPHALT WEARING COURSE. GlasGrid 8511 GEOFABRIC, OR COUNCIL APPROVED EQUIVALENT, IS TO BE INSTALLED BENEATH WEARING COURSE LAYER. APPLY VARYING DEPTH SIZE 10mm TYPE H REGULATION COURSE WHERE REQUIRED AND AS DIRECTED BY COUNCIL SUPERINTENDENT. TACK COAT AS NECESSARY FOLLOWING PROFILING OF EXISTING ASPHALT.		<b>ASPHALT RAISED PAVEMENT FLAT TOP</b> CONSTRUCT NEW ASPHALT FLAT TOP USING TYPE V SIZE 10mm ASPHALT.		<b>CONCRETE "RESIDENTIAL" DRIVEWAY - WITHIN PRIVATE PROPERTY</b> CONSTRUCT 150mm DEPTH REINFORCED (SL72 MESH) 25MPa CONCRETE "RESIDENTIAL" DRIVEWAY AS PER THE RESIDENTIAL VEHICLE CROSSING STD DWG MCC-501. NOTE:- IF THE EXISTING CONCRETE IS FOUND TO BE OF A HIGHER STANDARD THAN THE COUNCIL STD DWG MCC-501 THEN THE HIGHER STANDARD IS TO BE REINSTATEMENT.		<b>"SM1 TYPE ISLAND"</b> CONSTRUCT CONCRETE TRAFFIC ISLAND AS PER STD. DWG. MCC-604. SURFACE TREATMENT FOR ISLAND INFILL TO BE BRICK STENCIL PATTERN IN RED BRICK COLOUR. CONCRETE FOR PEDESTRIAN CUT THROUGH TO BE PLAIN COLOUR & FINISH.
	<b>ASPHALT OVERLAY / PROFILE &amp; RESHEET (TYPE V ASPHALT)</b> PROFILE EXISTING ASPHALT ROAD PAVEMENT WHERE REQUIRED TO ALLOW FOR MINIMUM 40mm DEPTH TYPE V SIZE 14mm ASPHALT WEARING COURSE. GlasGrid 8511 GEOFABRIC, OR COUNCIL APPROVED EQUIVALENT, IS TO BE INSTALLED BENEATH WEARING COURSE LAYER. APPLY VARYING DEPTH SIZE 10mm TYPE H REGULATION COURSE WHERE REQUIRED AND AS DIRECTED BY COUNCIL SUPERINTENDENT. TACK COAT AS NECESSARY FOLLOWING PROFILING OF EXISTING ASPHALT.		<b>ASPHALT RAISED PAVEMENT RAMPS</b> CONSTRUCT NEW ASPHALT RAMPS USING TYPE V SIZE 10mm ASPHALT.		<b>CONCRETE "INDUSTRIAL" DRIVEWAY - WITHIN PRIVATE PROPERTY</b> CONSTRUCT 200mm DEPTH REINFORCED (SL82 MESH) 32MPa CONCRETE "INDUSTRIAL" DRIVEWAY AS PER THE INDUSTRIAL VEHICLE CROSSING STD DWG MCC-502. NOTE:- IF THE EXISTING CONCRETE IS FOUND TO BE OF A HIGHER STANDARD THAN THE COUNCIL STD DWG MCC-502 THEN THE HIGHER STANDARD IS TO BE REINSTATEMENT. THIS AREA ALSO INCLUDES THE AREA OF TRENCH REINSTATEMENT WITHIN PROPERTY No. 100 NEW STREET WITHIN THE PRIVATE ROAD & CAR PARK AREAS.		<b>"M4 TYPE ISLAND"</b> CONSTRUCT CONCRETE TRAFFIC ISLAND AS PER STD. DWG. MCC-604 USING M4 TYPE KERB IN LIEU OF SM1 TYPE. ALL CONCRETE FOR THIS ISLAND TYPE IS TO BE 200mm DEPTH 32MPa CONCRETE WITH SL82 MESH (PLACED CENTRALLY), ON PREPARED 150mm MIN. THICKNESS, CLASS 3 CRUSHED ROCK. CONCRETE SURFACE IS TO BE PLAIN COLOUR & FINISH.
	<b>PARTIAL PAVEMENT RECONSTRUCTION (TYPE H ASPHALT)</b> <ul style="list-style-type: none"> <li>WEARING COURSE:- 40mm DEPTH OF TYPE H SIZE 14mm ASPHALT.</li> <li>GlasGrid 8511 GEOFABRIC OF COUNCIL APPROVED EQUIVALENT.</li> <li>STRUCTURAL COURSE:- 70mm DEPTH OF TYPE SI SIZE 20mm ASPHALT.</li> <li>BASE COURSE:- 100mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK. COMPACTED TO 96% MODIFIED MDD.</li> <li>SUB-BASE COURSE:- APPROX. 100mm DEPTH OF EXISTING SIZE 20mm CRUSHED ROCK.</li> </ul>		<b>CONCRETE FOOTPATH</b> CONSTRUCT 125mm DEPTH REINFORCED (SL72 MESH) CONCRETE FOOTPATH ON 50mm DEPTH CLASS 3 FCR, AS PER MCC STD DWG MCC-401.		<b>ASPHALT &amp; BRICK EDGING DRIVEWAY - WITHIN PRIVATE PROPERTY</b> EXISTING ASPHALT & BRICK EDGING VEHICLE CROSSING IS TO BE RECONSTRUCTED AS REQUIRED BY REUSING THE EXISTING BRICKS WHERE POSSIBLE TO SUIT NEW FOOTPATH LEVELS. THE ASPHALT & BRICK EDGING ARE TO MATCH EXISTING CONDITIONS. ALL AS DIRECTED BY COUNCIL'S SUPERINTENDENT.		<b>ASPHALT FOOTPATH</b> CONSTRUCT 30mm COMPACTED DEPTH OF SIZE 7mm TYPE N ASPHALT FOOTPATH ON 100mm DEPTH CLASS 3 SIZE 20mm FCR, AS PER MCC STD DWG MCC-402.
	<b>PARTIAL PAVEMENT RECONSTRUCTION (TYPE V ASPHALT)</b> <ul style="list-style-type: none"> <li>WEARING COURSE:- 40mm DEPTH OF TYPE V SIZE 14mm ASPHALT.</li> <li>GlasGrid 8511 GEOFABRIC OF COUNCIL APPROVED EQUIVALENT.</li> <li>STRUCTURAL COURSE:- 70mm DEPTH OF TYPE SI SIZE 20mm ASPHALT.</li> <li>BASE COURSE:- 100mm DEPTH OF IMPORTED CLASS 2 SIZE 20mm CRUSHED ROCK. COMPACTED TO 96% MODIFIED MDD.</li> <li>SUB-BASE COURSE:- APPROX. 100mm DEPTH OF EXISTING SIZE 20mm CRUSHED ROCK.</li> </ul>		<b>CONCRETE "RESIDENTIAL" VEHICLE CROSSING</b> CONSTRUCT 150mm DEPTH REINFORCED (SL72 MESH) 25MPa CONCRETE "RESIDENTIAL" VEHICLE CROSSINGS ON 50mm DEPTH CLASS 3 FCR, AS PER MCC STD DWG MCC-501. ALSO REFER TO DETAILS ON SHEET 2.		<b>MOLAN STREET TRENCH REINSTATEMENT (TYPE H ASPHALT)</b> <ul style="list-style-type: none"> <li>WEARING COURSE:- 40mm DEPTH OF TYPE H SIZE 14mm ASPHALT.</li> <li>STRUCTURAL COURSE:- 70mm DEPTH OF TYPE SI SIZE 20mm ASPHALT.</li> </ul>		<b>PAVEMENT RECONSTRUCTION AROUND PROPOSED ROAD HUMPS</b> REFER TO STD DWG MCC-605 WITH THE FOLLOWING AMENDMENTS TO THE PAVEMENT COMPOSITION: <ul style="list-style-type: none"> <li>WEARING COURSE:- 40mm DEPTH OF TYPE V SIZE 14mm ASPHALT.</li> <li>STRUCTURAL COURSE:- 70mm DEPTH OF TYPE SI SIZE 20mm ASPHALT.</li> <li>BASE COURSE:- 350mm DEPTH OF 20mm CLASS 2 FCR.</li> </ul>
			<b>CONCRETE "INDUSTRIAL" VEHICLE CROSSING</b> CONSTRUCT 200mm DEPTH REINFORCED (SL82 MESH) 32MPa CONCRETE "INDUSTRIAL" VEHICLE CROSSINGS ON 75mm DEPTH CLASS 3 FCR, AS PER MCC STD DWG MCC-502. ALSO REFER TO DETAILS ON SHEET 2.				<b>REINSTATEMENT OF NATURE STRIPS</b> REINSTATEMENT OF NATURE STRIPS / BATTERS, INCLUDING SUPPLY AND SPREADING OF 100mm DEPTH TOP SOIL AND HYDRO MULCHING.



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LEGEND			
— TGF —	EX TELSTRA OPTIC FIBRE	— HPG —	EX HIGH PRESSURE GAS MAIN
T	EX TELSTRA CABLE & PIT	◇	STOP VALVE
S	EX SEWER & PIT	◇	FIRE PUG
W	EX WATER MAIN	◇	FIRE HYDRANT (ABOVE GROUND)
AWB	EX ABANDONED WATER MAIN	◇	FIRE HYDRANT (GROUND LEVEL)
G	EX GAS MAIN	⊕	ELECTRICITY SUPPLY LOLE
ABG	EX ABANDONED GAS MAIN	⊕	E.S.P. WITH LIGHT
E	EX U/V ELECTRICITY CABLE	⊕	LIGHT POLE ONLY
E	EX O/V ELECTRICITY CABLE	⊕	TELECOM PILLAR
Q	EX OPTIC CABLE	⊕	EXISTING POST
— HO —	EX H <sub>2</sub> O O'BAIN		
— TS —	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL	+	TRAFFIC SIGNAL POLE
+	TRAFFIC SIGNAL POLE	—	FENCE
—	FENCE	⊕	EX. SIGN
⊕	EX. SIGN	⊕	EXISTING BOLLARD
⊕	EXISTING BOLLARD	⊕	RUBBISH BIN
⊕	RUBBISH BIN	⊕	EX DRAIN & PIT
⊕	EX DRAIN & PIT	⊕	PROPOSED DRAIN & PIT
⊕	PROPOSED DRAIN & PIT	⊕	PSM
⊕	PSM	⊕	STN/TBM
⊕	STN/TBM	⊕	UNCLASSIFIED PIT
⊕	UNCLASSIFIED PIT	⊕	TREE
⊕	TREE	⊕	LIMIT OF WORKS
⊕	LIMIT OF WORKS		

[illegible]

CRE CONSULTING ENGINEERS PTY LTD  
Civil • Municipal • Drainage • Project Management

704 Mount Alexander Road, Moonee Ponds, Vic, 3039  
Phone: (03) 9370 5522 Fax: (03) 9370 5533  
Email: [admin@creconsulting.com.au](mailto:admin@creconsulting.com.au)

DESIGNED : CRE	DATE : 07/08/19
CHECKED : DATE :	
SURVEYED: COUNCIL	DATE : JULY 2019
SURVEY DATUM : A.H.D. & MGA	
SCALES : AS SHOWN	©A1

CLIENT:
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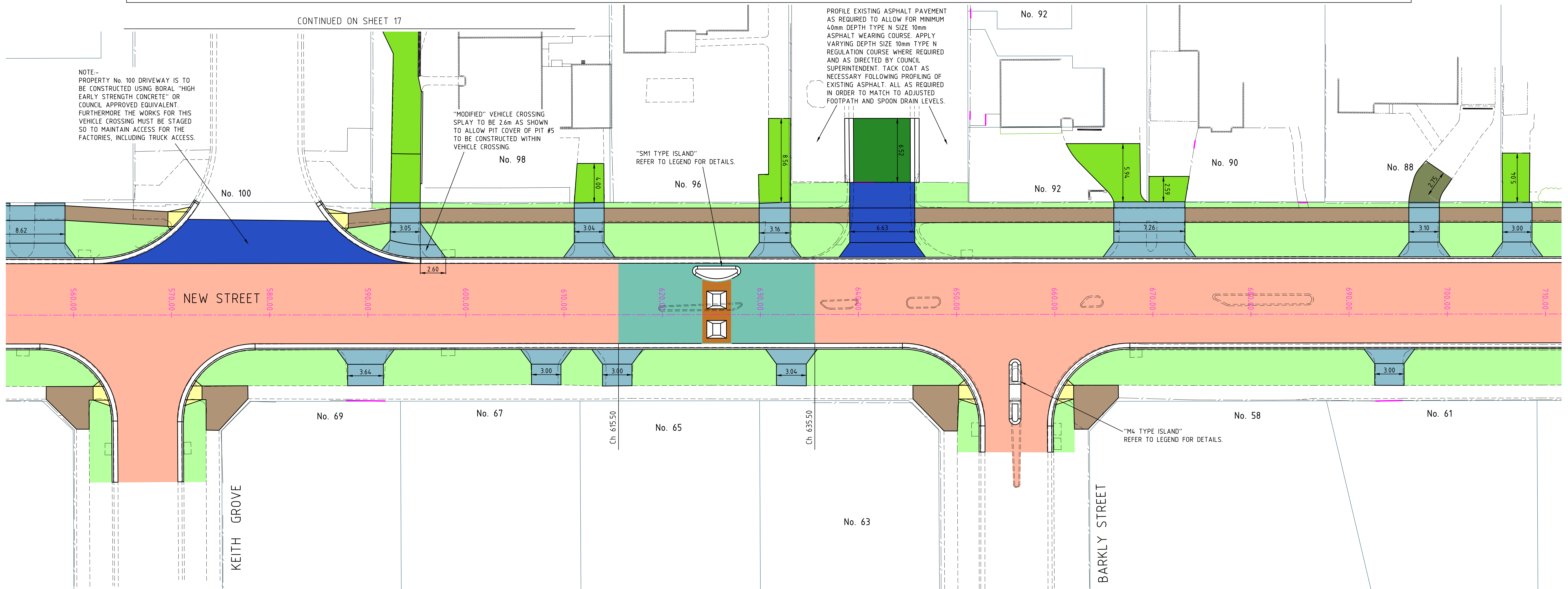


NEW STREET, RINGWOOD  
ROAD REHABILITATION & DRAINAGE UPGRADES  
PAVEMENT PLAN

CRE REF: 2375-(REV-P13).DWG	
CRE REV. NO.: P13	
AMEND. NO.: -	
DWG.NO. <b>2375</b>	
SHEET: 15 OF 122	SIZE: A1

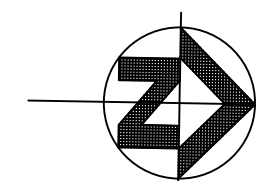
TENDER ISSUE





<p>NEW STREET, RINGWOOD ROAD REHABILITATION &amp; DRAINAGE UPGRADES</p> <p>PAVEMENT PLAN</p>	CRE REF: 2375-(REV-P13).DWG	
	CRE REV. NO.: P13	
	AMEND. NO.: -	
	DWG. NO. <b>2375</b>	
	SHEET: 16 OF 122	SIZE: A1





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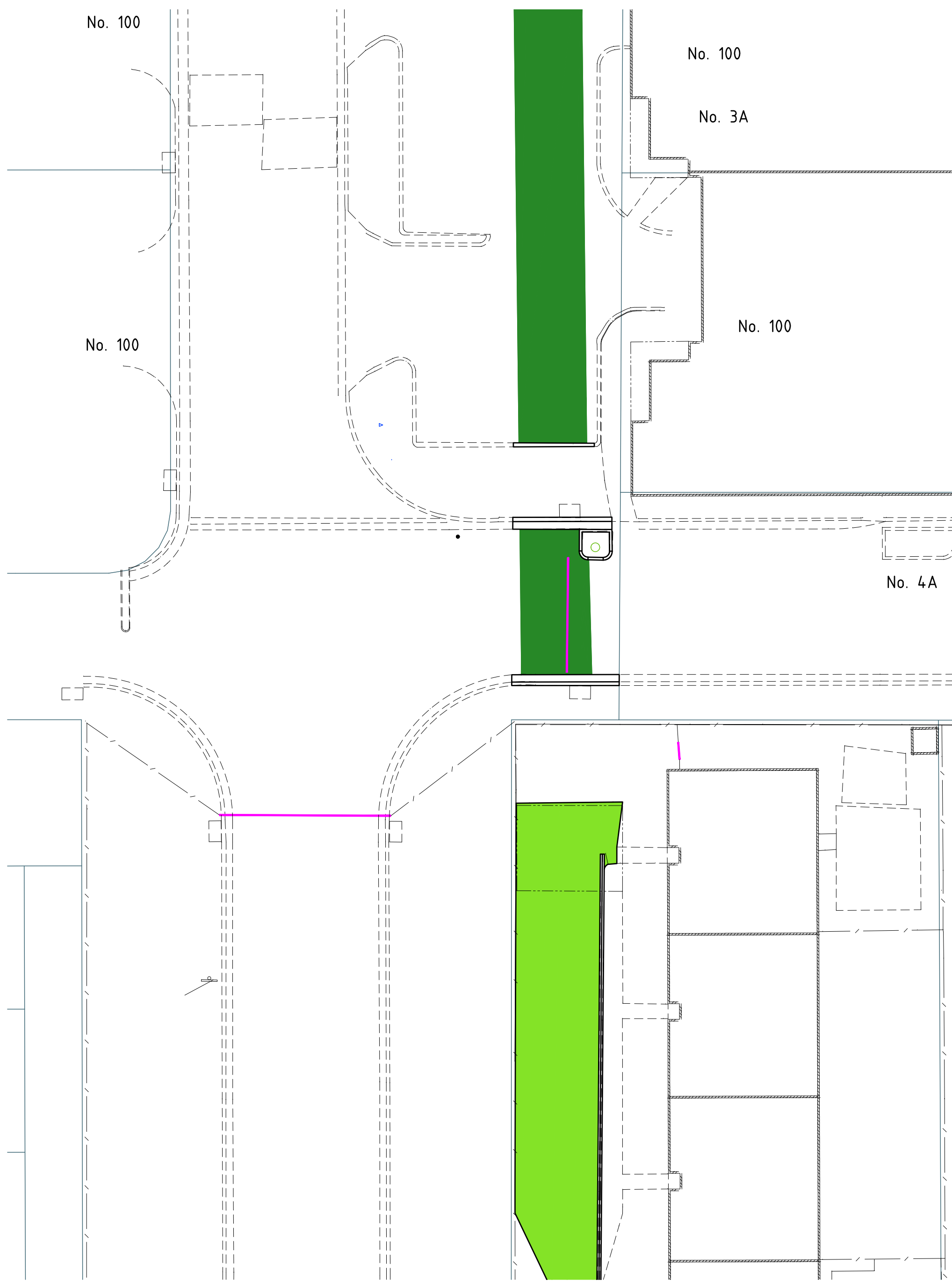
PAVEMENT LEGEND



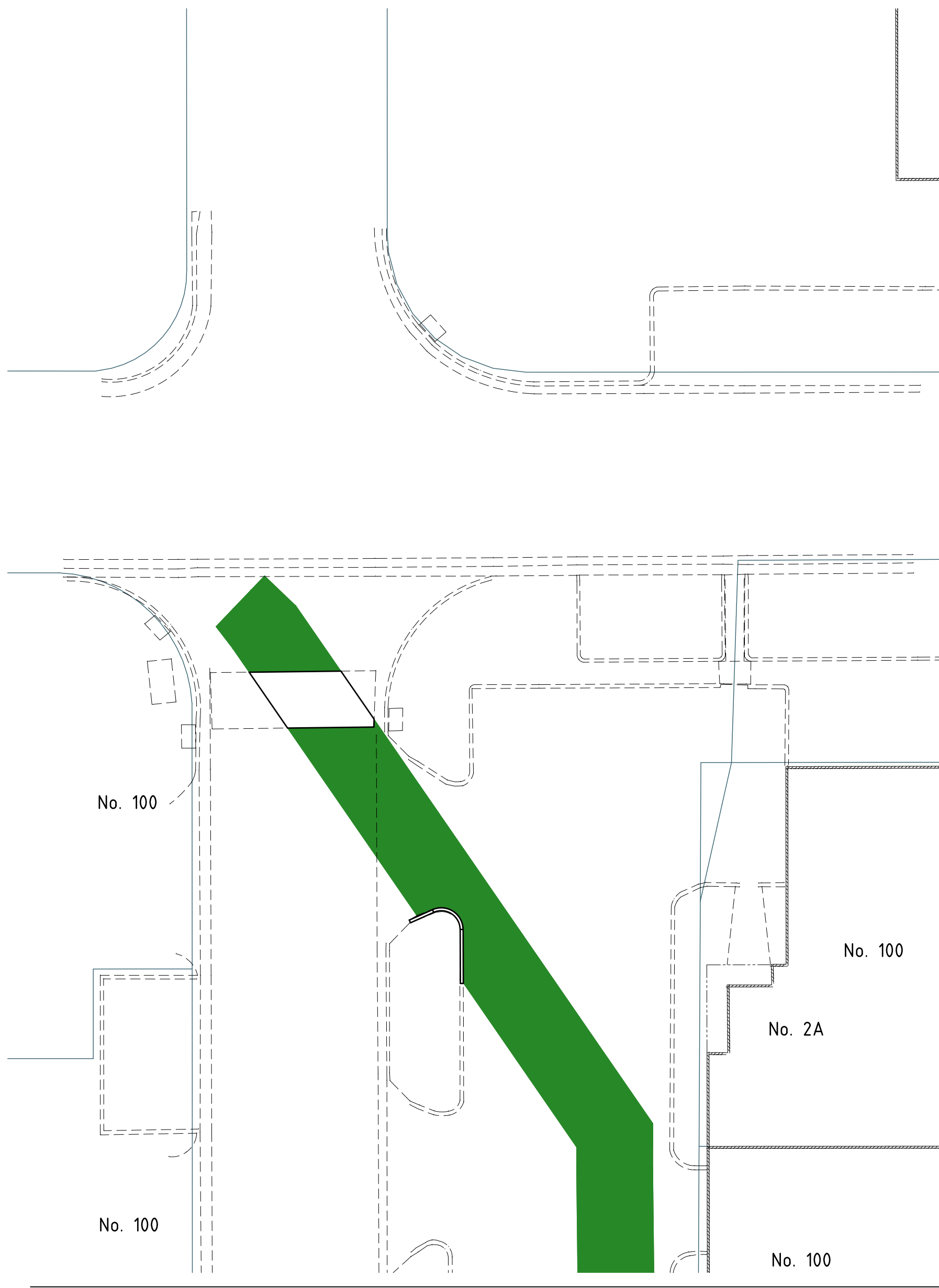
CONCRETE "RESIDENTIAL" DRIVEWAY - WITHIN PRIVATE PROPERTY  
CONSTRUCT 150mm DEPTH REINFORCED (SL72 MESH) 25MPa CONCRETE  
"RESIDENTIAL" DRIVEWAY AS PER THE RESIDENTIAL VEHICLE CROSSING STD  
DWG MCC-501. NOTE:- IF THE EXISTING CONCRETE IS FOUND TO BE OF A  
HIGHER STANDARD THAN THE COUNCIL STD DWG MCC-501 THEN THE HIGHER  
STANDARD IS TO BE REINSTATED.



CONCRETE "INDUSTRIAL" DRIVEWAY - WITHIN PRIVATE PROPERTY  
CONSTRUCT 200mm DEPTH REINFORCED (SL82 MESH) 32MPa CONCRETE  
"INDUSTRIAL" DRIVEWAY AS PER THE INDUSTRIAL VEHICLE CROSSING STD  
DWG MCC-502. NOTE:- IF THE EXISTING CONCRETE IS FOUND TO BE OF A  
HIGHER STANDARD THAN THE COUNCIL STD DWG MCC-502 THEN THE  
HIGHER STANDARD IS TO BE REINSTATED. THIS AREA ALSO INCLUDES THE  
AREA OF TRENCH REINSTATEMENT WITHIN PROPERTY No. 100 NEW STREET  
WITHIN THE PRIVATE ROAD & CAR PARK AREAS.



CONTINUED FROM SHEET 18



CONTINUED FROM ABOVE LEFT



**WARNING**  
BEWARE OF UNDERGROUND SERVICES  
THE LOCATION OF UNDERGROUND SERVICES  
SHOWN ARE APPROXIMATE ONLY AND THEIR  
EXACT POSITION SHOULD BE PROVIDED ON SITE.  
NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN.  
THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE  
PRIOR TO ANY EXCAVATION WORKS.

NOTE:  
THE APPOINTED CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE COUNCIL, CONSULTANT AND ITS EMPLOYEES AGAINST ANY CLAIM FOR  
INJURY, LOSS OR DAMAGE THAT IS MADE ARISING OUT OF THE NEGLIGENCE ACTS OR OMISSIONS OF THE CONTRACTOR. ALL INFORMATION PROVIDED  
ON THESE PLANS SHALL BE CROSS REFERENCED BY THE APPOINTED CONTRACTOR. IF THERE IS ANY PERCEIVED AMBIGUITY OR INFORMATION IS  
NOT UNDERSTOOD BY THE CONTRACTOR, THEN THE CONTRACTOR SHOULD CONTACT COUNCIL'S SUPERINTENDENT IMMEDIATELY FOR CLARIFICATION.  
COUNCIL SHOULD BE GIVEN THE OPPORTUNITY AND SUFFICIENT TIME TO INVESTIGATE, PRIOR TO ANY CONSTRUCTION COMMENCING OR CONTINUING.  
CRE WILL NOT BE HELD RESPONSIBLE OR LIABLE AGAINST ANY CLAIM MADE FOR MISINTERPRETATION OF THE SUPPLIED PLANS.



LEGEND	—TOP— EX TELSTRA OPTIC FIBRE	—HPG— EX HIGH PRESSURE GAS MAIN
	—T— EX TELSTRA CABLE & PIT —S— EX SEWER & PIT —W— EX WATER MAIN —ABW— EX ABANDONED WATER MAIN —G— EX GAS MAIN —ABG— EX ABANDONED GAS MAIN —E— EX U/G ELECTRICITY CABLE —E— EX O/H ELECTRICITY CABLE —O— EX OPTUS CABLE —HD— HOUSE DRAIN	STOP VALVE FIRE PLUG FIRE HYDRANT (ABOVE GROUND) FIRE HYDRANT (GROUND LEVEL) ELECTRICITY SUPPLY POLE E.S.P. WITH LIGHT LIGHT POLE ONLY TELECOM PILLAR EXISTING POST
	—TS— TRAFFIC SIGNAL PIT, CABLE, PEDESTAL —TP— TRAFFIC SIGNAL POLE —F— EX. SIGN —B— EXISTING BOLLARD —R— RUBBISH BIN —PSM— EX DRAIN & PIT —STN/TBM— PROPOSED DRAIN & PIT	UNCLASSIFIED PIT TREE LIMIT OF WORKS PROPOSED DRAIN & PIT

NO.	AMENDMENTS	DATE

**CRE CONSULTING ENGINEERS PTY LTD**  
Civil • Municipal • Drainage • Project Management

704 Mount Alexander Road, Moonee Ponds, Vic, 3039  
Phone: (03) 9370 5522 Fax: (03) 9370 5533  
Email: admin@creconsulting.com.au

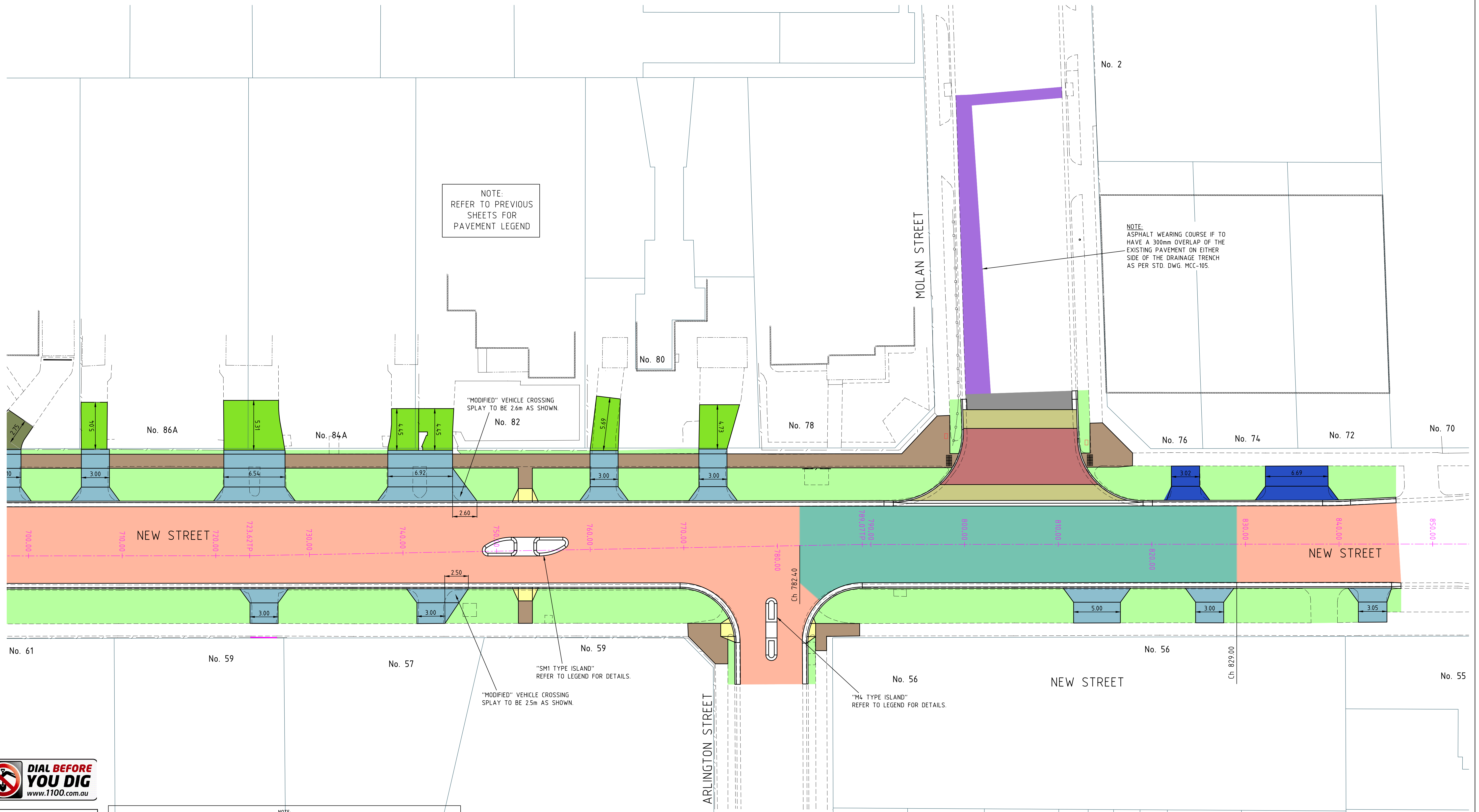
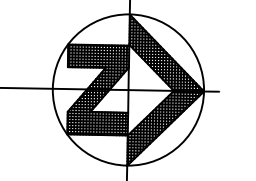
DESIGNED : CRE	DATE : 07/08/19
CHECKED : DATE :	
SURVEYED: COUNCIL	DATE : JULY 2019
SURVEY DATUM : A.H.D. & MGA	
SCALES : AS SHOWN	@A1



NEW STREET, RINGWOOD  
ROAD REHABILITATION & DRAINAGE UPGRADES  
PAVEMENT PLAN

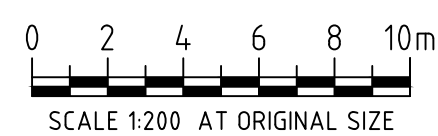
TENDER ISSUE

CRE REF: 2375-(REV-P13).DWG
CRE REV. NO.: P13
AMEND. NO.: -
DWG.NO. <b>2375</b>
SHEET: 17 OF 122
SIZE: A1



**WARNING**  
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LEGEND	—TOP—	EX TELSTRA OPTIC FIBRE	—HPG—	EX HIGH PRESSURE GAS MAIN		
	T	EX TELSTRA CABLE & PIT	◇	STOP VALVE	—TS—	TRAFFIC SIGNAL PIT, CABLE, PEDESTAL
	S	EX SEWER & PIT	⬢	FIRE PLUG	+	TRAFFIC SIGNAL POLE
	W	EX WATER MAIN	⦿	FIRE HYDRANT (ABOVE GROUND)	—	UNCLASSIFIED PIT
	ABW	EX ABANDONED WATER MAIN	⦿	FIRE HYDRANT (GROUND LEVEL)	—	FENCE
	G	EX GAS MAIN	⦿	ELECTRICITY SUPPLY POLE	+	EX. SIGN
	ABG	EX ABANDONED GAS MAIN	⦿	E.S.P. WITH LIGHT	⦿	LIMIT OF WORKS
	E	EX U/G ELECTRICITY CABLE	⦿	LIGHT POLE ONLY	⦿	EXISTING BOLLARD
	E	EX O/H ELECTRICITY CABLE	⦿	TELECOM PILLAR	⦿	RUBBISH BIN
	O	EX OPTUS CABLE	⦿	EXISTING POST	⦿	EX DRAIN & PIT
—HD—	EX HOUSE DRAIN			⦿	PROPOSED DRAIN & PIT	
				⦿	PSM	
				⦿	STN/TBM	

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SCALES : AS SHOWN @A1

CLIENT:  
**Maroondah**  
City Council

NEW STREET, RINGWOOD  
ROAD REHABILITATION & DRAINAGE UPGRADES  
PAVEMENT PLAN

**TENDER ISSUE**  
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