

SCALE: HORI 1:250 VERT 1:50

NOTES

ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAN COUNCIL STANDARDS.

- . COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE AUCKLAND VERTICAL DATUM 1946.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- PIPE BEDDING: 0 10% GRANULAR BEDDING,10 20%
 WEAK CONCRETE BEDDING.GREATER THAN 20%
 WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
 EACH CONNECTION SHALL BE MARKED BY A
- 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
- APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
- HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
- 3. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
- ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M
- 10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
- 1. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

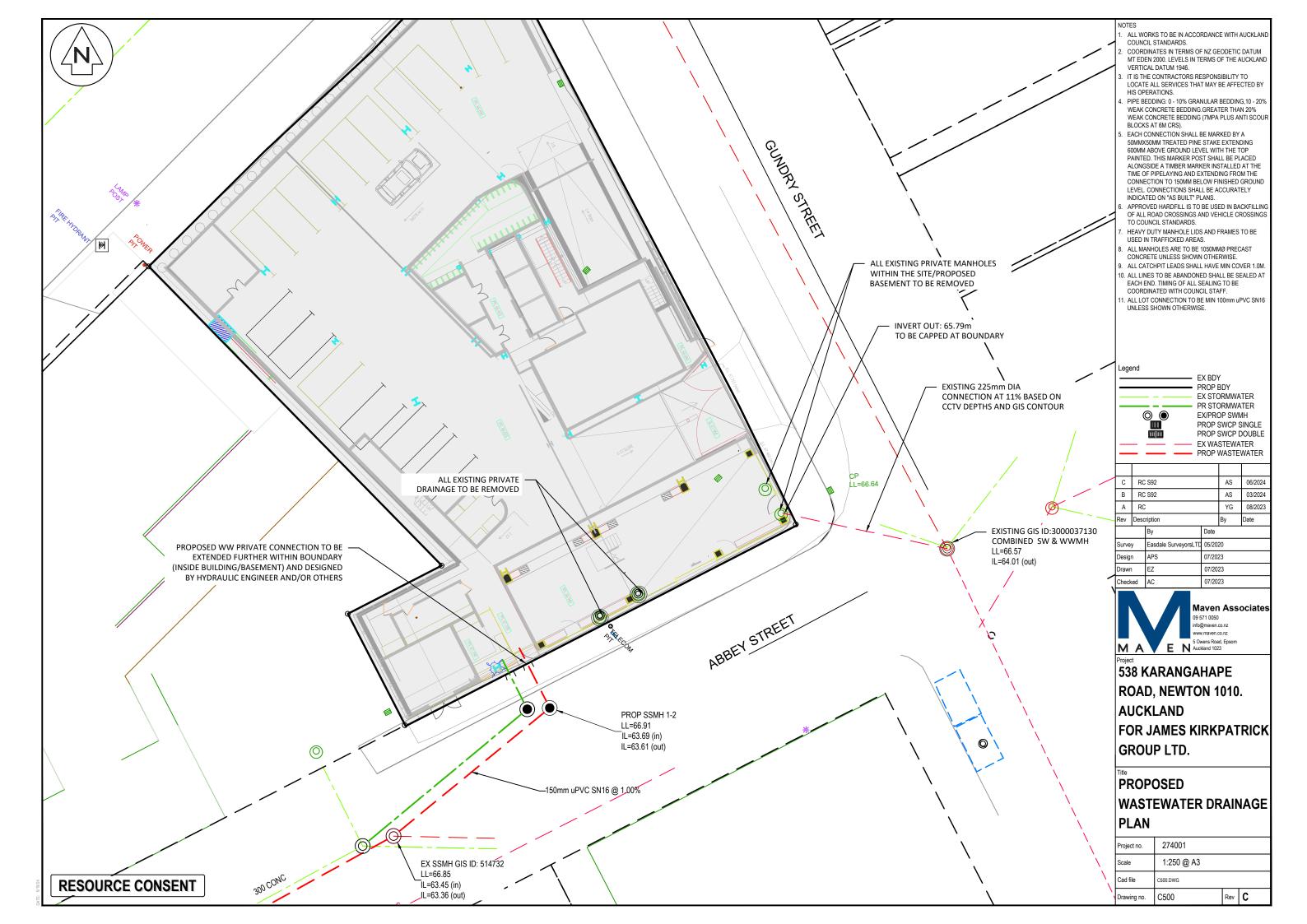
С	FOR RC			AS	06/2024
В	RC	S92		AS	03/2024
Α	FOR INFORMATION			AS	05/2024
Rev	Description			Ву	Date
		Ву	Date		
Survey		Easdale SurveyorsLTD 05/2020			
Design		APS	07/2023		
Drawn		EZ	07/2023		
Checked		AC	07/2023		

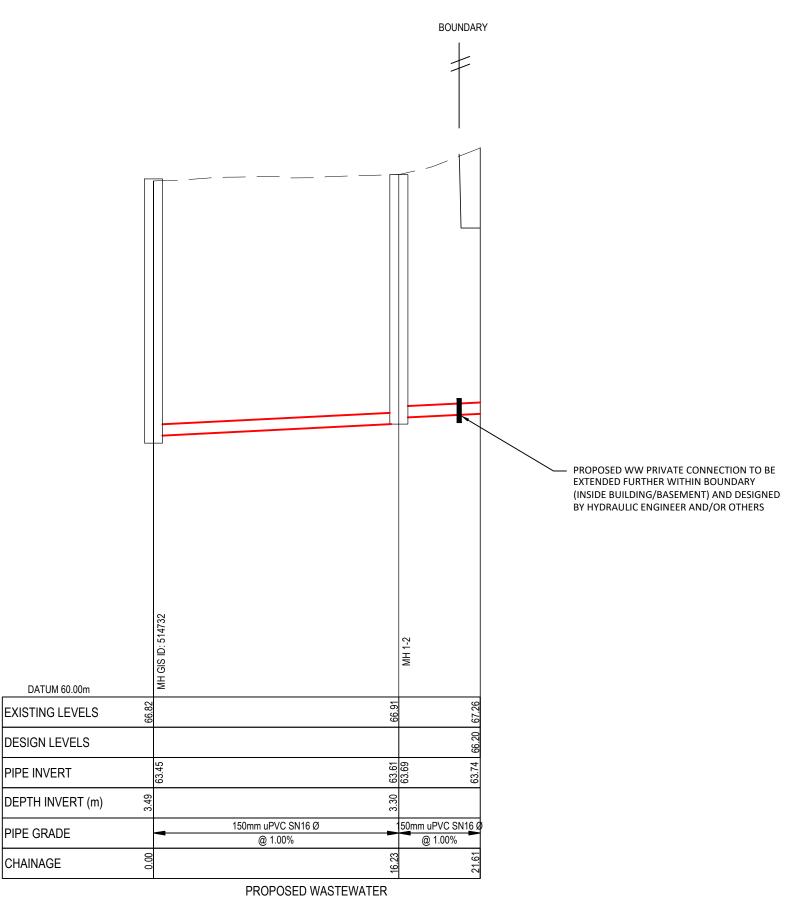


538 KARANGAHAPE ROAD, NEWTON 1010. AUCKLAND FOR JAMES KIRKPATRICK GROUP LTD.

PROPOSED STORMWATER DRAINAGE LONGSECTION

Project no.	274001		
Scale	1:250 @ A3		
Cad file	C400.DWG		
Drawing no.	C410	Rev	C





SCALE: HORI 1:250 VERT 1:50

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.

- COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE AUCKLAND VERTICAL DATUM 1946.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- HIS OPERATIONS.
 PIPE BEDDING: 0 10% GRANULAR BEDDING, 10 20% WEAK CONCRETE BEDDING GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
 EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 60MMA DOVE CODDING LEVEL WITH THE TOP
- 5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PACCED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
- 6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
- 7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
- 8. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
- 9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M
- 10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
- 11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

С	RC	S92		AS	06/2024
В	RC S92			AS	03/2024
А	FOR INFORMATION			AS	05/2024
Rev	Description			Ву	Date
Ву		Date			
Survey		Easdale SurveyorsLTD 05/2020			
Design		APS	07/2023		
Drawn		EZ	07/2023		
Checked		AC	07/2023		



538 KARANGAHAPE ROAD, NEWTON 1010. AUCKLAND FOR JAMES KIRKPATRICK GROUP LTD.

PROPOSED WASTEWATER DRAINAGE LONGSECTION

Project no.	274001		
Scale	1:250 @ A3		
Cad file	C500.DWG		
Drawing no.	C510	Rev	C