

NOT FOR CONSTRUCTION

88 MURRAYS FLAT ROAD, TOWRANG PROPOSED NEW METAL SCRAP YARD

GENERAL NOTES

- DURING CONSTRUCTION THE WORK IS TO BE SIGNPOSTED AND MARKED TO THE REQUIREMENTS OF AS1742.2-1994 AND AS1742.3-2002 "TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS".
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S TECHNICAL SPECIFICATION AND TO BEST PRACTICE STANDARDS.
- EXISTING SURFACE FITTINGS OF THE SERVICES SHALL BE ADJUSTED AS NECESSARY TO THE REQUIREMENTS OF THE RELEVANT AUTHORITY.
- SUITABLE VEHICULAR ACCESS SHALL BE MAINTAINED TO EACH LOT OR ALTERNATIVE ARRANGEMENTS MADE WITH THE OWNERS.
- ALL SERVICES TO BE CHECKED FOR LEVEL AND LOCATION PRIOR TO COMMENCEMENT OF WORK.
- ALL SERVICES AFFECTED BY NEW WORK TO BE ADJUSTED AS REQUIRED TO SUIT AND TO THE SATISFACTION OF THE RELEVANT AUTHORITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND ADJUSTING UTILITY SERVICES TO ADJACENT PROPERTIES AS NECESSARY. LOCATIONS OF ALL SERVICES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND ARE TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORKS. INDIVIDUAL SERVICE CONNECTIONS TO HOUSES ARE NOT SHOWN ON THIS PLAN. CONTACT DIAL BEFORE YOU DIG PH: 1100
- EXISTING SIGNS TO REMAIN UNLESS OTHER WISE NOTED.
- ALL LINEMARKING AND RRPMS REMOVED OR AFFECTED DURING THE COURSE OF THE WORKS IS TO BE REINSTATED UNLESS NOTED OTHERWISE. ALL LINEMARKING IS TO COMPLY WITH RMS SPECIFICATION R141 - "PAVEMENT MARKING" AND TO BE THERMOPLASTIC TYPE AND INCLUDE PLASTIC BEADS IN ACCORDANCE WITH RMS SPECIFICATIONS 3357 AND 3355 RESPECTIVELY. ALL RRPMS TO COMPLY WITH RMS SPECIFICATION R62.
- THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING SURROUNDING AREAS NOT REQUIRED TO BE REPLACED OR RESET AS PART OF THE WORKS SHALL NOT BE DAMAGED DURING THE COURSE OF THE WORKS.
- ASPHALTIC CONCRETE SHALL CONFORM TO COUNCIL REQUIREMENTS.
- INSPECTIONS ARE REQUIRED AT THE FOLLOWING STAGES AND AS OTHERWISE DIRECTED BY THE COUNCIL
ROAD PAVEMENT
 - SUBGRADE TRIMMED AND CONSOLIDATED PRIOR TO FIRST PAVEMENT COURSE.
 - EACH PAVEMENT LAYER SPREAD AND COMPACTED.
 - PAVEMENT COMPLETED PRIOR TO SEALING
- CONCRETE WORKS**
 - EXCAVATION COMPLETED
 - FORMWORK AND REINFORCEMENT SET
 - CONCRETE FORMED AND CURED
- LINEMARKING AND SIGNPOSTING TO BE INSTALLED AS SOON AS PRACTICABLE.
- KERB FACES OF ALL ISLANDS TO BE PAINTED WHITE AND TO INCLUDE GLASS BEADS IN ACCORDANCE WITH RMS SPECIFICATION No. 3353.
- KERB RAMPS TO BE PROVIDED WITH LENGTH FROM FACE OF KERB TO BACK OF RAMP AS SPECIFIED.
- USE CAUTION TO PRESERVE HERITAGE LISTED STREET NAME PLAQUES EMBEDDED IN FOOTPATH WHEN CONSTRUCTION FOOTPATHS AND KERB RAMPS (IF SHOWN). NO STATE SURVEY MARKS ARE TO BE REMOVED PRIOR TO CONSULTING WITH COUNCIL'S SURVEYOR.
- MAINTAIN "CHANGED TRAFFIC CONDITIONS AHEAD" SIGNS ON ALL APPROACHES 75-100m IN ADVANCE OF THE INTERSECTION DURING THE CONSTRUCTION WORK.
- ALL TRAFFIC SIGNS TO COMPLY WITH RMS QA SPECIFICATION R65 AND TO BE OF HIGH INTENSITY CLASS 1.
- ALL PATHWAYS WHERE AFFECTED BY CONSTRUCTION WORKS SHALL BE RECONSTRUCTED TO COUNCIL'S STANDARD SPECIFICATION.
- EXISTING LINEMARKING IS TO BE REMOVED BY GRINDING WHERE NEW LINEMARKING IS REQUIRED OR PROVIDED.
- ALL SIGNPOSTING ON SPLITTER, KERB OR PEDESTRIAN REFUGE ISLANDS TO BE ERECTED USING V-NOTCH INSERTS EMBEDDED INTO CONCRETE (OR SIMILAR AS APPROVED BY COUNCIL).
- ALL CONCRETE ELEMENTS TO BE OF 25MPa UNLESS OTHERWISE STATED.

DRAWING SCHEDULE

- 1/12 - NOTES & SCHEDULES
2/12 - GENERAL LAYOUT-PROPERTY
3/12 - GENERAL LAYOUT-INTERSECTION 1
4/12 - GENERAL LAYOUT-INTERSECTION 2
5/12 - SIGNS AND LINES-INTERSECTION 1
6/12 - SIGNS AND LINES-INTERSECTION 2
7/12 - TURNING PATHS- AV TRUCK - PROPERTY
8/12 - TURNING PATHS- B99 VEHICLE
9/12 - TURNING PATHS- MRV VEHICLE
10/12 - TURNING PATHS- AV TRUCK
11/12 - SISD ASSESSMENT- HORIZONTAL ALIGNMENT
12/12 - SISD ASSESSMENT- HORIZONTAL ALIGNMENT



IMPORTANT
STATE SURVEY MARKS TO REMAIN IN TACT AT ALL TIMES.

IMPORTANT
THE LOCATION OF UNDERGROUND SERVICES HAVE NOT BEEN SHOWN ON THIS PLAN.

NOTE
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

EROSION AND SEDIMENT CONTROL

- GENERAL MEASURES
 - STOCKPILES SHALL BE CONFINED TO ONE CENTRAL AREA WHERE POSSIBLE.
 - EROSION CONTROL MEASURES TO BE IN PLACE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK. MEASURES ARE APPLIED TO PROTECT ADJOINING PROPERTIES FROM EROSION AND SILT DAMAGE.
 - EROSION CONTROL MEASURES NOT TO BE REMOVED UNTIL CONSTRUCTION IS COMPLETED AND SITE HAS BEEN REHABILITATED.
 - REHABILITATION INCLUDES COMPLETION OF ALL CONSTRUCTION WORK AND LANDSCAPING, SEEDING OR TURFING OF ALL BATTERS AND FILL AREAS.
 - PIPED DRAINAGE NETWORKS SHOULD BE INSTALLED AND CONNECTED AS EARLY AS POSSIBLE.
 - ALL AREAS NOT SUBJECT TO CONSTRUCTION WORKS SHALL BE RETAINED FREE FROM DISTURBANCE OR DAMAGE DURING THE CURRENCY OF THE CONTRACT. SHOULD THESE AREAS BECOME DISTURBED OR DAMAGED, THEY SHALL BE RE-INSTATED BY THE CONTRACTOR.
 - ALL AREAS NOT SUBJECT TO CONSTRUCTION WORKS SHALL BE RETAINED FREE FROM DISTURBANCE OR DAMAGE DURING THE CURRENCY OF THE CONTRACT. SHOULD THESE AREAS BECOME DISTURBED OR DAMAGED, THEY SHALL BE RE-INSTATED BY THE CONTRACTOR AT NO COST TO THE PRINCIPAL.
- STABILISATION OF DISTURBED AREAS.
 - STABILISATION OF DISTURBED AREAS SHALL BE IN ACCORDANCE WITH COUNCIL'S SPECIFICATION FOR GRASSING AND/OR SPECIFICATION FOR LANDSCAPE WORKS. THE FOLLOWING SHALL BE APPLIED FOR THE CONTROL OF EROSION AND SEDIMENTATION:-
 - STABILISATION OF DENUDEED AREAS SHALL COMMENCE AS SOON AS POSSIBLE AFTER THE AREAS HAVE BEEN DISTURBED.
 - ALL STABILISATION MEASURES SHALL BE UNDERTAKEN PRIOR TO THE END OF THE MAINTENANCE PERIOD.
- MAINTENANCE
 - ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE MAINTAINED IN A SATISFACTORY WORKING ORDER THROUGHOUT THE CONTRACT, MAINTENANCE AND DEFECTS LIABILITY PERIODS OR UNTIL SUCH EARLIER TIME AS THE AREA HAS BEEN STABILISED AND THE SUPERINTENDENT DIRECTS THAT THE DEVICE BE REMOVED.
 - THE CONTRACTOR SHALL INSPECT ALL DEVICES AFTER EACH STORM FOR STRUCTURAL DAMAGE OR CLOGGING BY SILT AND OTHER DEBRIS AND MAKE PROMPT REPAIRS OR REPLACEMENT.
- SEDIMENT CONTROL DEVICES (S.C.D.)
 - THESE SHALL BE CONSTRUCTED AT INLETS TO STORMWATER SYSTEMS TO TRAP THE SEDIMENT IN RUNOFF. SECTIONS 11.3.02/03/04/06 OF THE N.S.W. DEPARTMENT OF HOUSING CONSTRUCTION SPECIFICATION, 1989 EDITION, SHALL APPLY.

GENERAL NOTES (ADDITIONAL)

- PROVIDE EXPANSION JOINTS AS APPROPRIATE BUT SPACED NOT MORE THAN 6M AND DUMMY JOINTS EVERY 1.5M. CONTRACTOR TO ENSURE THAT ALL EXPANSION JOINTS ARE LOCATED EQUALLY ON EITHER SIDE OF TREE TRUNK.
- PROVIDE SAFE ACCESSWAY ON ROAD FOR PEDESTRIANS IF FOOTPATH IS BARRICADED COMPLETELY DURING WORK.
- EXISTING DRIVEWAYS TO REMAIN UNLESS NOTED OTHERWISE.
- PROVIDE SOFT LEAF BUFFALO "SHADEMASTER" TURF ON 100mm THICK PREPARED TOPSOIL FOR ALL NEW GRASSED NATURE STRIPS AND WHERE DAMAGED DUE TO CONSTRUCTION WORK.
- THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING SURROUNDING AREAS NOT REQUIRED TO BE REPLACED OR RESET AS PART OF THE WORKS SHALL NOT BE DAMAGED DURING COURSE OF THE WORKS.
- UNBOUND AREAS ARE TO BE IDENTIFIED WITH COUNCIL'S REPRESENTATIVE AFTER EXCAVATION OF FOOTPATH. ANY UNBOUND AREAS TO BE EXCAVATED AN ADDITIONAL 75mm & REPLACED WITH 75mm THICK COMPACTED DGB20.
- CONTRACTOR TO ENSURE THAT A 500X500MM EXCLUSION ZONE IS PROVIDED AROUND ALL POWER POLES IE NO CONCRETE TO BE POURED IN THIS EXCLUSION ZONE. EXCLUSION ZONE AREA TO BE FILLED WITH ASPHALT COLD MIX ONLY (25MM THICK).
- CONCRETE STRENGTH SHALL BE 25MPa (AT 28 DAYS). CONCRETE SLUMP SHALL BE 80MM (MAX).
- ALL NEW PRAM RAMPS ARE TO BE ALIGNED IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- STATE SURVEY MARKS (SSM's) ARE NOT TO BE DISTURBED UNLESS OTHERWISE NOTED & ONLY AFTER CONSULTATION WITH COUNCIL'S SURVEYOR IN THE FIRST INSTANCE. REMOVED SSM'S MUST BE RETURNED TO SURVEYOR AS SOON AS POSSIBLE.
- PROVIDE TREE ROOT BARRIER TYPE RB600H TO EXISTING & NEW TREES (IN 3m LENGTHS OR TO SUIT) AS SUPPLIED BY 'SURE GRO' (TEL # 03 9558 1060) OR SIMILAR APPROVED.

EARTHWORKS

- EXCAVATION SHALL BE CARRIED OUT TO THE DEPTHS & DIMENSIONS SHOWN OR IMPLIED ON THE PLANS AND/OR THE DOCUMENTS. OR TO SUCH GREATER DEPTHS & DIMENSIONS, AS WILL ENSURE SOUND, PERMANENT FOUNDATIONS. ALL EXCAVATIONS SHALL BE APPROVED BY THE SUPERINTENDENT BEFORE ANY MATERIALS OR STRUCTURES ARE PLACED.
- REMOVAL OF TOPSOIL: TOPSOIL SHALL BE STRIPPED FROM WITHIN THE AREA OF WORKS INCLUSIVE OF BATTERS & SHALL BE DISPOSED OR STOCKPILES AS DIRECTED BY THE SUPERINTENDENT. THE THICKNESS OF THE TOPSOIL STRIPPING SHALL NOT BE LESS THAN 100mm.
- REMOVAL OF UNSUITABLE MATERIALS: ALL EXPOSED DELETERIOUS MATERIALS WHICH, IN THE OPINION OF THE SUPERINTENDENT, ARE UNSUITABLE FOR THE PLACING OF FILLING SHALL BE REMOVED & DISPOSED OF. IF UNSOUND OR UNSUITABLE MATERIAL IS ENCOUNTERED AT THE SPECIFIED EXCAVATION LEVEL, ADDITIONAL EXCAVATION & REPLACEMENT WITH COMPACTED APPROVED MATERIAL MAY BE ORDERED.
- WHERE FILLING IS REQUIRED, MATERIAL IS TO BE SELECTED IN DISCUSSION WITH AND TO THE SATISFACTION OF THE SUPERINTENDENT. ALL IMPORTED FILL MATERIAL SHALL BE VIRGIN EXCAVATED NATURAL MATERIAL (VENM) FREE FROM CHEMICAL OR OTHER CONTAMINATION. A CONTAMINATION REPORT ON THE PROPOSED IMPORTED FILL MATERIAL, FROM A NATA REGISTERED LABORATORY, MAY BE REQUIRED BY COUNCIL PRIOR TO PLACEMENT OF FILL.
- COMPACTION AROUND STRUCTURES, UNDER APRONS ETC: UNDISTURBED SUBGRADE OR APPROVED MATERIAL TO BE COMPACTED TO 95% OF THE STANDARD MAXIMUM DRY DENSITY & IS TO BE WITHIN -1 TO +2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD COMPACTION TEST (A.S 1289.5.1.1)
- PROVIDE PENNSETUM CLANDESTINUM (KIKUYU) TURF ON 200 THICK TOPSOIL, UNLESS NOTED OTHERWISE
- PROVIDE CYNODON DACTYLON (COMMON COUCH) TURF ON 200 THICK TOPSOIL , UNLESS NOTED OTHERWISE
- REINFORCED TURF: PROVIDE TURF CYNODON DACTYLON (COMMON COUCH) ON 25 THICK TOP SOIL LAID ON GEOTEXTILE (REFER TO NOTE PS2 ii), WHICH IN TURN IS LAID ON 175 THICK TOPSOIL. GEOTEXTILE TO BE STRETCHED HORIZONTALLY, ANCHORED WITH STEEL PEGS (500 LONG) AT 500 CENTRES. ALL FREE EDGES TO BE ANCHORED IN A 300 WIDE x 300 DEEP TRENCH. TRENCH TO BE BACKFILLED & COMPACTED TO THE SATISFACTION OF THE SUPERINTENDENT.
- HYDROMULCH OR HYDROSEED ALL OTHER DISTURBED AREAS NOT COVERED BY NOTES E6, E7 & ES. SPECIFICATIONS FOR HYDROMULCH OR HYDROSEEDING TO BE DETERMINED BY THE SUPERINTENDENT.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CARRIED OUT IN ACCORDANCE WITH LANDCOM'S "MANAGING URBAN STORMWATER: SOILS & CONSTRUCTION" VOLUME 1.

CONCRETE

- C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENT. FORMWORK TO BE IN ACCORDANCE WITH A.S. 3610.
C2. CONCRETE QUALITY.

ELEMENT	SLUMP	MAX AGGREGATE SIZE	CEMENT TYPE	CEMENT GRADE
ALL	80mm	20mm	GP	25MPa

NO ADMIXTURES SHALL BE USED WITHOUT THE APPROVAL OF THE ENGINEER.

- C3. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SHOWN-

ELEMENT	SURFACE OF MEMBER IN INTERIOR ENVIRONMENT	SURFACE OF MEMBER IN ABOVE GROUND EXTERIOR ENVIRONMENT	SURFACE OF MEMBER IN CONTACT WITH GROUND (1)	SURFACE OF MEMBER IN WATER
ALL	35	45	55	75

NOTE:
1. COVER MAY BE REDUCED BY 10mm IF THE SURFACE IS PROTECTED BY A DAMP-PROOF MEMBRANE.
2. SLABS EXPOSED TO CORROSIVE VAPOURS, CORROSIVE GROUND WATER, SEA WATER, OR SPRAY ARE TO HAVE REINFORCEMENT COVER AS NOTED ON THE DRAWINGS.

- C4. SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
C5. CONSTRUCTION JOINTS WHERE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER.
C6. EXPANSION JOINTS: JOINTS SHALL HAVE DOWEL BARS PLACED CENTRALLY WITH BOND BREAKING COMPOUND ON ONE END. THE JOINT WILL BE FILLED WITH SUITABLE SILICON OR POLYURETHANE SEALANT.
C7. CRACK CONTROL JOINTS: JOINTS SHALL BE TOOL FINISHED AT 4m INTERVALS (30mm DEEP) BETWEEN EXPANSION JOINTS AND CREATED IMMEDIATELY AFTER CONCRETE PLACEMENT.
C8. STRUCTURAL JOINT BONDING: EXISTING CONCRETE IS TO BE THOROUGHLY SCABBLED AND CLEANED AT ALL INTERFACES WITH NEW WORK TO OBTAIN A SOUND SURFACE. SURFACE IS TO BE PREPARED WITH AN APPROVED WET TO DRY EXPOXY BINDER (TO PS6) PRIOR TO PLACING NEW CONCRETE.
C9. BEAM DEPTHS ARE WRITTEN FIRST AND INCLUDE SLAB THICKNESS IF ANY.
C10. NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
C11. ALL CONCRETE TO BE MECHANICALLY VIBRATED IN FORM TO GIVE MAXIMUM COMPACTION WITHOUT SEGREGATION OF CONCRETE. VIBRATORS SHALL NOT BE USED TO SPREAD CONCRETE.
C12. ALL FORMS SHALL BE DESIGNED SUCH THAT EXPOSED CONCRETE EDGES SHALL HAVE A MINIMUM OF 15mm CHAMFER AND ALL EXPOSED RE-ENTRANT CORNERS SHALL HAVE A MINIMUM OF 15mm FILLET UNLESS NOTED OTHERWISE.
C13. CONCRETE STRENGTH TO BE GRADE N32, A.S. 3600 (32 MPa) THROUGHOUT UNLESS NOTED OTHERWISE.
C14. CONCRETE BLINDING LAYER STRENGTH TO BE GRADE 15, A.S. 3600 (15 MPa) THROUGHOUT UNLESS NOTED OTHERWISE.
C15. CEMENT MORTAR SHALL BE MIXED IN THE RATIO OF 4 PART SAND : 1 PART CEMENT AND WITH STRENGTH NOT LESS THAN 12 MPa.

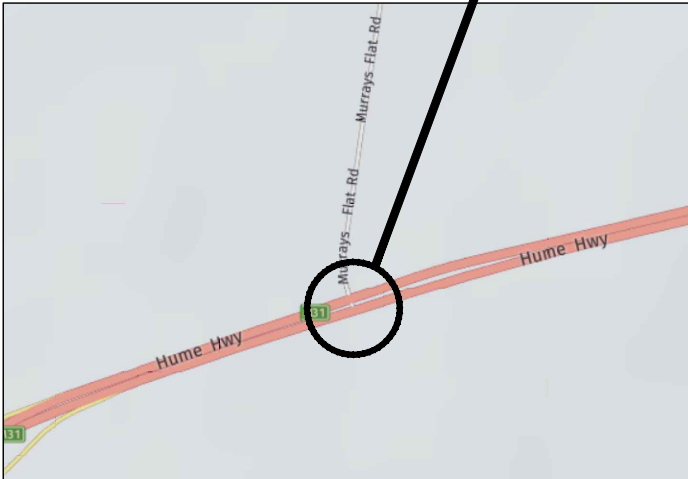
REINFORCEMENT

- C1. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY. IT IS NOT NECESSARILY SHOWN IN TRUE PROJECTION.
C2. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN. THE WRITTEN APPROVAL OF THE ENGINEER SHALL BE OBTAINED FOR ANY OTHER SPLICES WHERE THE LAP LENGTH IS NOT SHOWN. IT SHALL BE SUFFICIENT TO DEVELOP THE FULL STRENGTH OF THE REINFORCEMENT.
C10. WELDING OF REINFORCEMENT WILL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.
C11. PIPES OR CONDUITS SHALL NOT BE PLACED WITHIN THE CONCRETE COVER TO REINFORCEMENT WITHOUT THE APPROVAL OF THE ENGINEER. THE CONCRETE COVER TO EMBEDDED PIPES OR CONDUITS SHALL BE A MINIMUM OF 20mm.
C12. REINFORCEMENT SHALL COMPLY WITH A.S. 4671, A.S. 3000, A.S. 1302, A.S. 1303 AND A.S. 1304.
C12. REINFORCEMENT SYMBOLS:-

REINF. TYPE	GRADE	SAA CODE	SYMBOL
DEFORMED BAR	D500	AS1302	N
PLAIN ROUND BAR	R250	AS1302	R
RECTANGULAR MESH		AS1304	RL
SQUARE MESH		AS1304	SL
TRENCH MESH		AS1304	L TM
- C13. ALL REINFORCEMENT FABRIC SHALL COMPLY WITH AS 1303 AND AS 1304 AND SHALL BE SUPPLIED AS FLAT SHEETS.
C14. ALL STEELWORK NOMINATED SHALL BE HOT DIP GALVANISED AFTER FABRICATION, IN ACCORDANCE WITH A.S. 1650.
C15. ALL WELDING SHALL COMPLY WITH A.S. 1554.
C16. WORKMANSHIP AND MATERIALS SHALL COMPLY WITH A.S. 4100.
C17. CARE TO BE TAKEN WITH WELDING AND GALVANISING TECHNIQUES. ALL OUT OF TRUE MEMBERS SHALL BE RECTIFIED. ALL WELDS TO BE NEATLY FINISHED & GROUND SMOOTH. ALL EXCESS GALVANISING TO BE REMOVED.
C14. ALL THE REQUIREMENTS OF THE ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE.
C12. PLACING: REINFORCEMENT SHALL BE FIRMLY SECURED IN POSITION IN THE FORMS & THE COVER AS DETAILED ON THE DRAWINGS MAINTAINED. BAR CHAIRS SHALL BE SOLID PLASTIC OR PLASTIC TIPPED STEEL CHAIRS AND SHALL BE PLACED AT NOT GREATER THAN 1000mm CENTRES EACH WAY.
C13. STRUCTURE REINFORCEMENT: UNLESS SHOWN OTHERWISE, TO CONSIST OF SL81 MESH CENTRALLY PLACED, WITH N12 CORNER BARS (500 LEGS) AT 200 CTRS TO ALL CORNERS, PROVIDE N12 TRIMMER BARS TO ALL FREE EDGES OF MESH.
C14. LAP LENGTH: WHERE LAPPING OF REINFORCEMENT OCCURS THE MINIMUM LAP LENGTH SHALL BE AS FOLLOWS:
N12 - 400mm LAP
N16 - 600mm LAP
N20 - 850mm LAP
N24 - 1000mm LAP
FABRIC - 2 TRANSVERSE BARS + 25mm

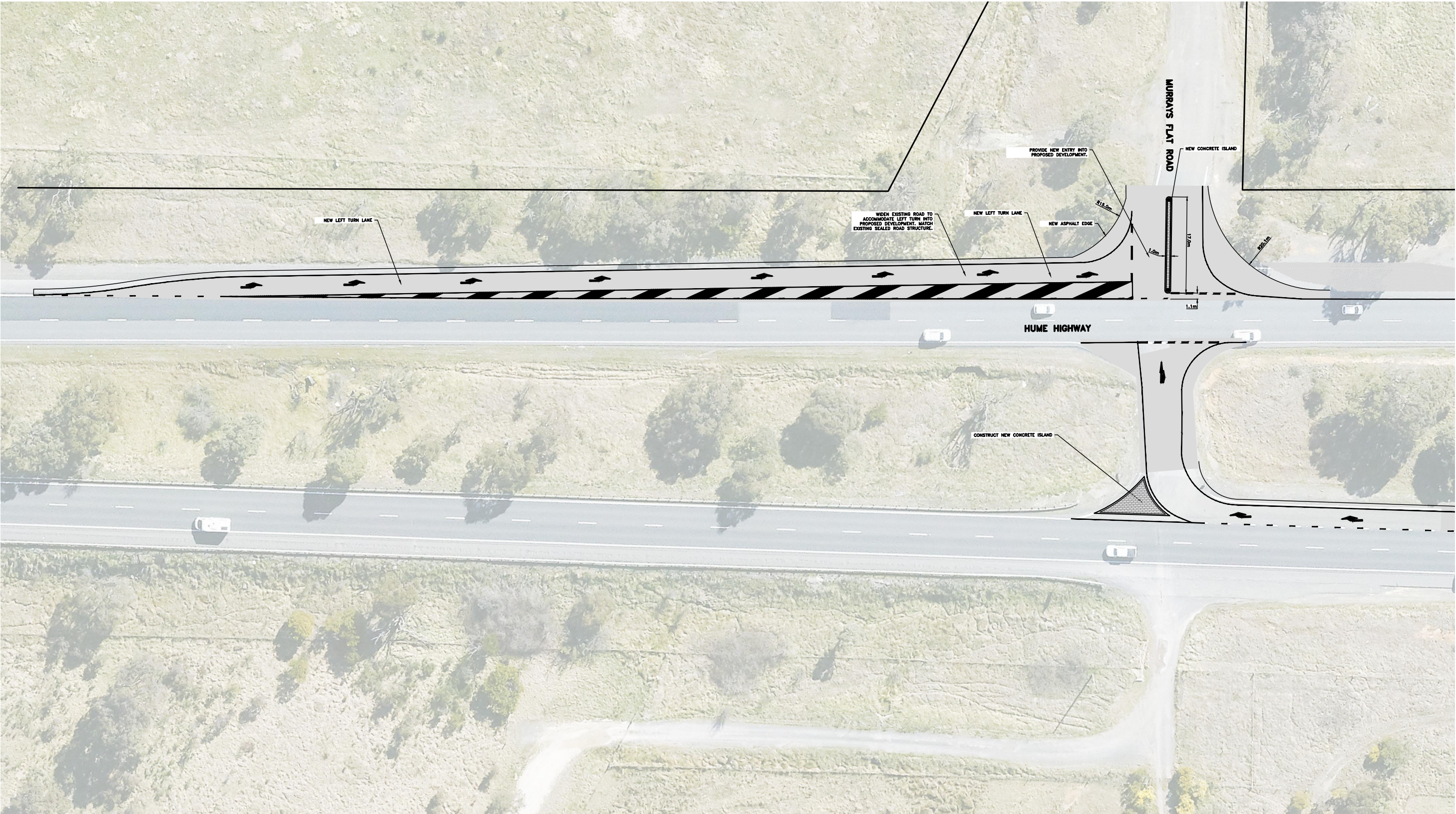
SPECIAL CONDITIONS

- DUST CONTROL: TO LIMIT DUST AFFECTATION TO ADJOINING PROPERTIES, DUST SUPPRESSANTS ARE TO BE USED AS NECESSARY. IF THE PREVAILING WEATHER CONDITIONS ARE SUCH THAT, IN THE OPINION OF THE SUPERINTENDENT, A DUST RISK TO THE ADJACENT PROPERTIES EXISTS, THEN THE CONTRACTOR, AT THE DIRECTION OF THE SUPERINTENDENT SHALL BE REQUIRED TO CEASE THOSE OPERATIONS CAUSING THE DUST NUISANCE.
- VIBRATION NEAR PROPERTIES: NO VIBRATING ROLLERS TO BE USED IN THE VICINITY OF PROPERTIES. HOUSES IN CLOSE PROXIMITY TO BE INSPECTED PRIOR TO THE COMMENCEMENT OF WORK.
- EXISTING ENVIRONMENT: NO DISTURBANCE TO OCCUR TO THOSE PARTS OF THE SITE NOT DIRECTLY AFFECTED BY THE WORKS. NO EXCAVATION FILLING, DUMPING, BURNING OF TREE STUMPS, OR ANY OTHER ACTIVITY IS PERMITTED IN THESE AREAS. THE STATUS OF THE ENVIRONMENT & ECOLOGY MUST BE STRICTLY PRESERVED. DISTURBED AREAS MUST BE REINSTATED.
- SAFETY OF THE GENERAL PUBLIC SHALL BE PROVIDED DURING THE CONSTRUCTION WORK. SAFETY FENCE BARRIERS SHALL BE PROVIDED TO PREVENT UNAUTHORISED PERSONNEL ENTERING THE WORK SITE.
- TRAFFIC CONTROL: ALL MEASURES TO CONTROL OR DIVERT VEHICULAR AND PEDESTRIAN TRAFFIC IS TO BE COVERED BY A TRAFFIC CONTROL PLAN PREPARED BY AN AUTHORISED PERSON.



LOCATION OF WORKS

TITLE		Hemanote Consultants	
NOTES AND SCHEDULES			
PROJECT NAME AND ADDRESS			
PROPOSED NEW METAL SCRAP YARD 88 MURRAYS FLAT RD TOWRANG		HEMANOTE CONSULTANTS ABN 94 606 345 117 PO BOX 743 MOOREBANK NSW 1875 CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au	
SCALE N/A	DWG. No.	TBC	
DATE 29/09/2025			
DRAWN BY P.G.	CHK. BY HT		
AMENDMENT R2	SHEET No. 1 OF 12		
NOTE: THE INFORMATION CONTAINED IN THIS PLAN IS SOLEY BASED ON THE INSTRUCTIONS OF OUR CLIENT AND THE FINDINGS OF HEMANOTE CONSULTANTS. IT IS NOT INTENDED FOR USE OR SHOULD NOT BE RELIED UPON BY ANY THIRD PARTY. NO RESPONSIBILITY IS UNDERTAKEN BY HEMANOTE CONSULTANTS TO ANY THIRD PARTY. THIS PLAN REMAINS THE PROPERTY OF HEMANOTE CONSULTANTS.			



GENERAL LAYOUT

TITLE GENERAL LAYOUT		Hemanote Consultants	
PROJECT NAME AND ADDRESS PROPOSED NEW METAL SCRAP YARD 88 MURRAYS FLAT RD TOWRANG		HEMANOTE CONSULTANTS ABN 94 606 345 117 PO BOX 743 MOOREBANK NSW 1875 CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au	
SCALE 1:400 (A3)	DATE 29/09/2025	TBC	
DRWN BY P.G.	CHK BY HT		
AMENDMENT R2	SHEET No. 3 OF 12	NOTE: THE INFORMATION CONTAINED IN THIS PLAN IS SOLEY BASED ON THE INSTRUCTIONS OF OUR CLIENT AND THE FINDINGS OF HEMANOTE CONSULTANTS. IT IS NOT INTENDED FOR USE OR SHOULD NOT BE RELIED UPON BY ANY THIRD PARTY. NO RESPONSIBILITY IS UNDERTAKEN BY HEMANOTE CONSULTANTS TO ANY THIRD PARTY. THIS PLAN REMAINS THE PROPERTY OF HEMANOTE CONSULTANTS.	



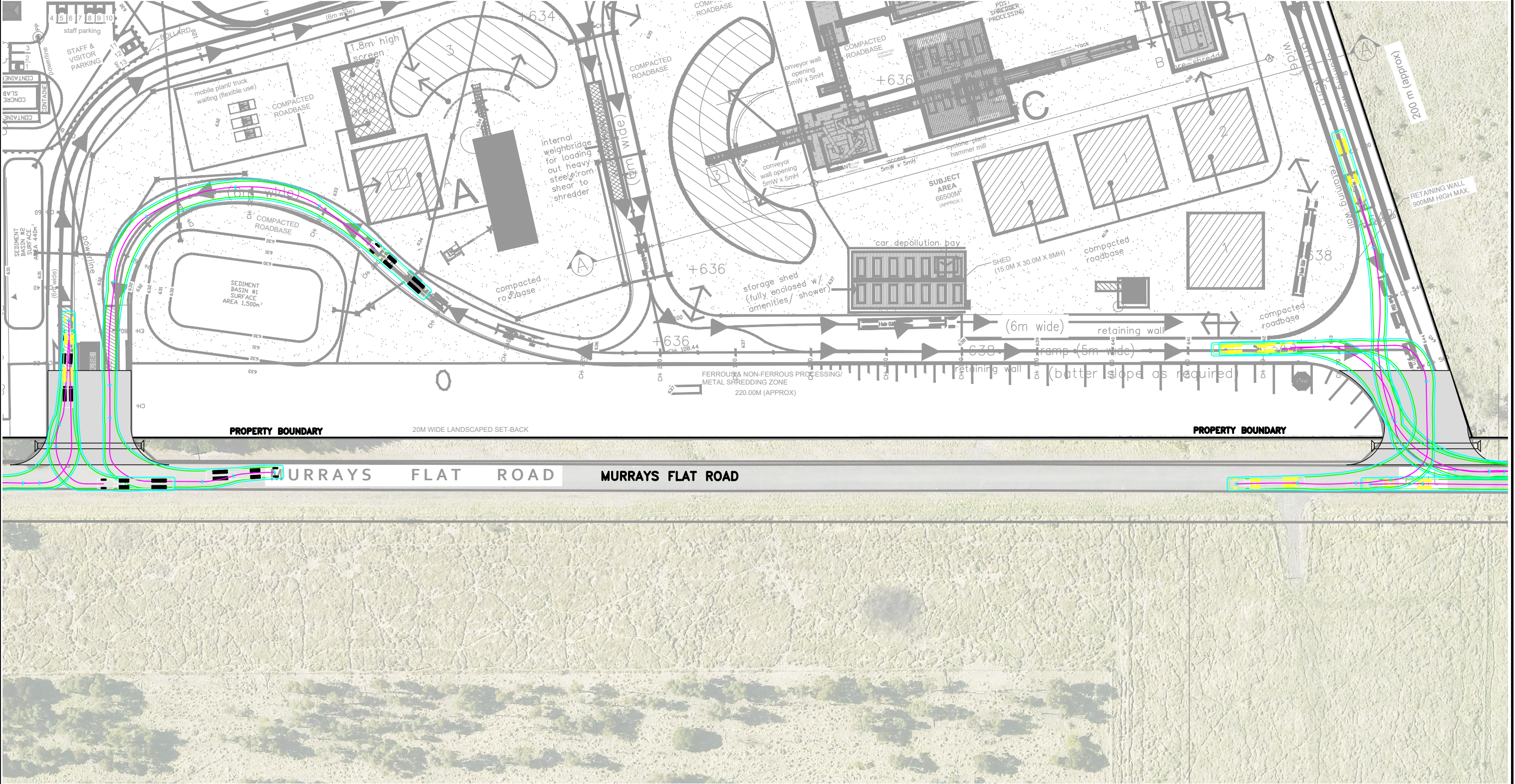
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SCALE 1:400 (A3)	DATE 29/09/2025	TBC	
DRAWN BY P.G.	CHECKED BY HT		
AMENDMENT R2	SHEET No. 4 OF 12	NOTE: THE INFORMATION CONTAINED IN THIS PLAN IS SOLEY BASED ON THE INSTRUCTIONS OF OUR CLIENT AND THE FINDINGS OF HEMANOTE CONSULTANTS. IT IS NOT INTENDED FOR USE OR SHOULD NOT BE RELIED UPON BY ANY THIRD PARTY. NO RESPONSIBILITY IS UNDERTAKEN BY HEMANOTE CONSULTANTS TO ANY THIRD PARTY. THIS PLAN REMAINS THE PROPERTY OF HEMANOTE CONSULTANTS.	



SIGNS AND LINES

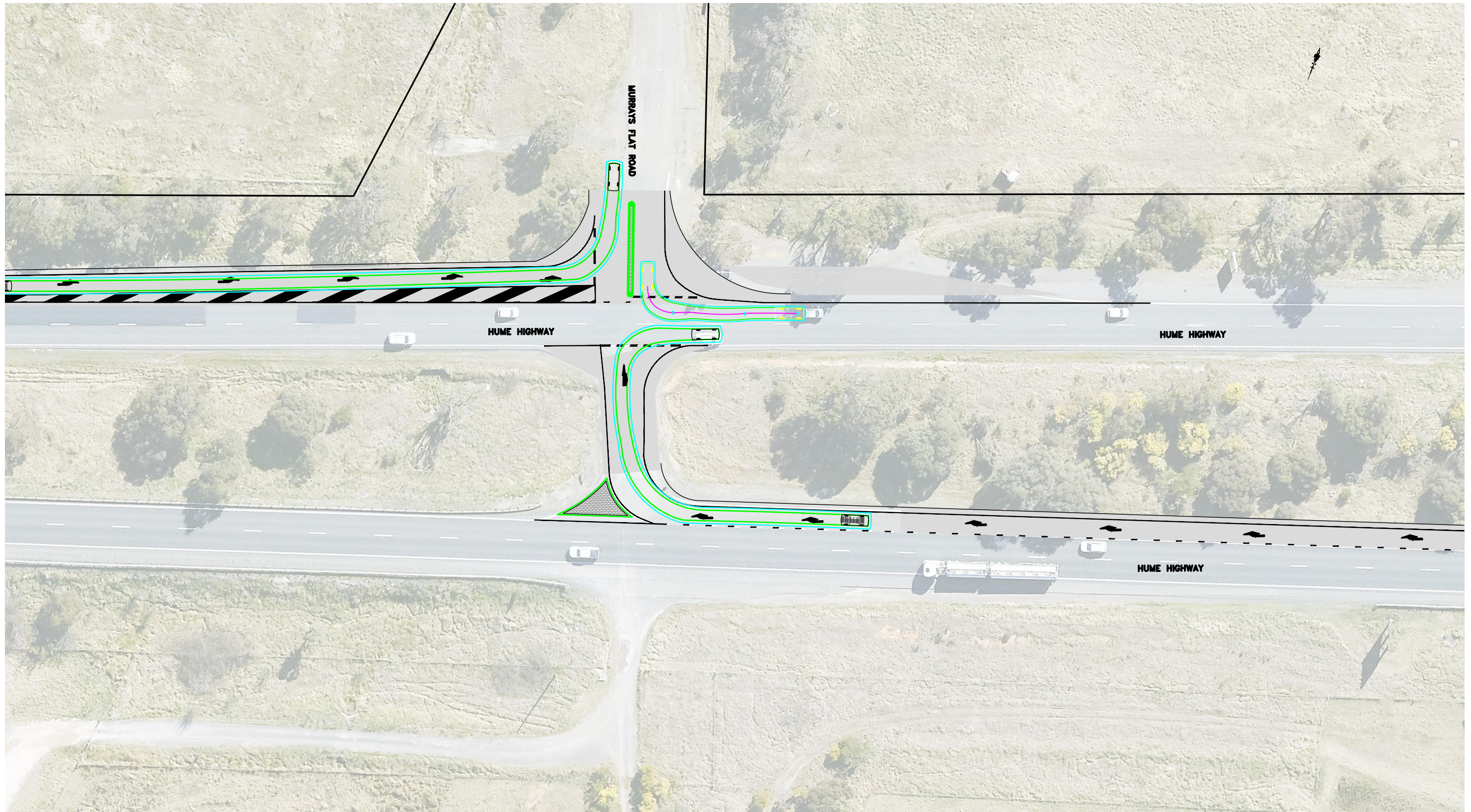
TITLE SIGNS AND LINES		Hemanote Consultants	
PROJECT NAME AND ADDRESS PROPOSED NEW METAL SCRAP YARD 88 MURRAYS FLAT RD TOWRANG			
SCALE 1:400 (A3)		DWG. No. TBC	
DATE 29/09/2025		SHEET No. 6 OF 12	
DRAWN BY P.G.	CHECKED BY HT	CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au	
AMENDMENT R2			
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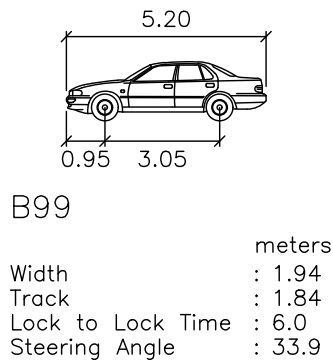
LEGEND		
CYAN LINE		DENOTES OFFSET OF 0.5M FROM OUTER BODY LINE OF THE VEHICLE
GREEN LINE		DENOTES OUTER BODY LINE OF THE VEHICLE

TURNING PATHS – AV

TITLE TURNING PATH – AV		Hemanote Consultants	
PROJECT NAME AND ADDRESS PROPOSED NEW METAL SCRAP YARD 88 MURRAYS FLAT RD TOWRANG			
SCALE 1:400 (A3)	DWG. No.	HEMANOTE CONSULTANTS ABN 94 606 345 117 PO BOX 743 MOOREBANK NSW 1875 CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au	
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DRAWN BY P.G.			CHECKED BY HT
AMENDMENT R2			SHEET No. 7 OF 12
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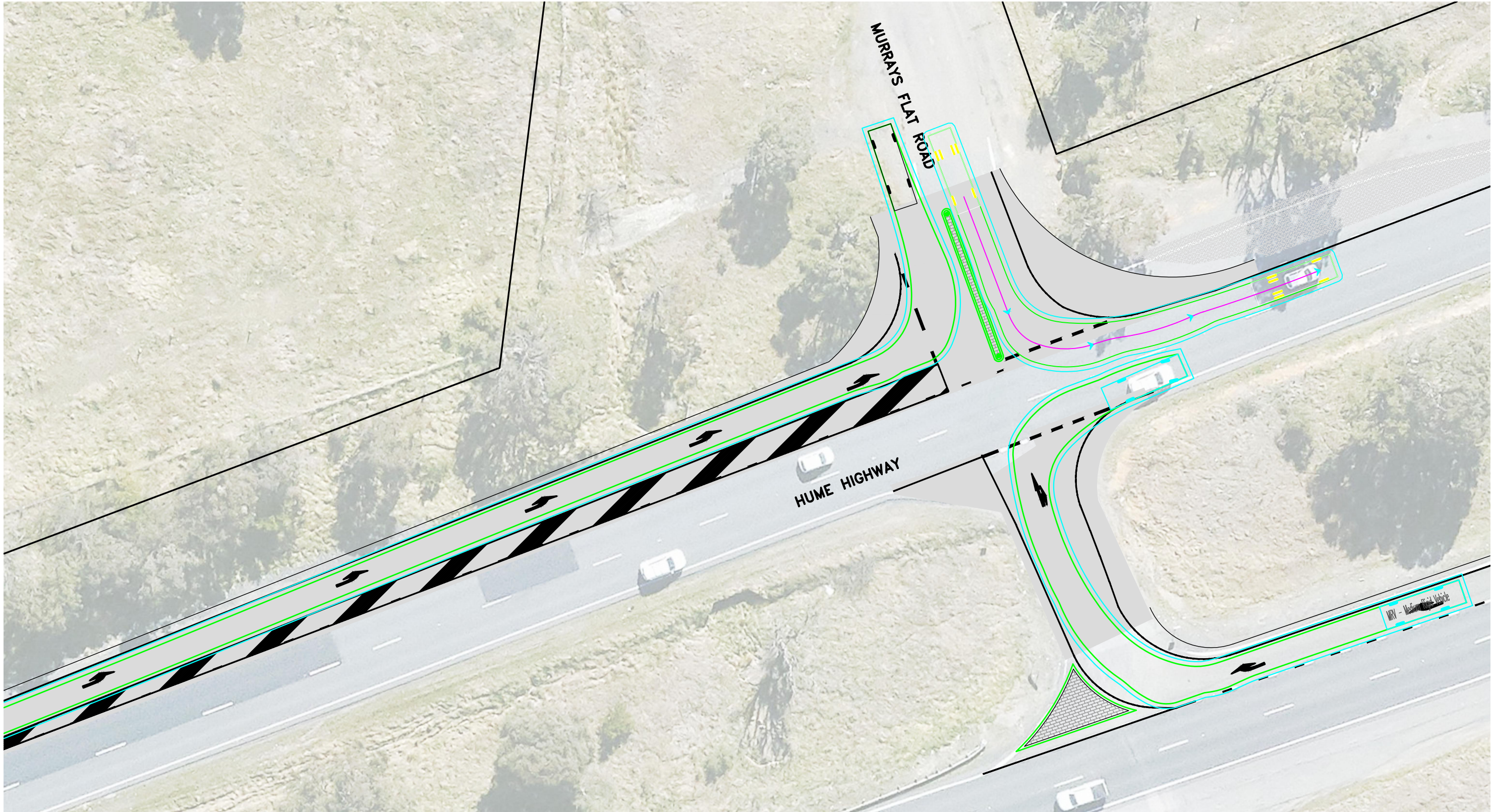


LEGEND		
CYAN LINE		DENOTES OFFSET OF 0.5M FROM OUTER BODY LINE OF THE VEHICLE
GREEN LINE		DENOTES OUTER BODY LINE OF THE VEHICLE

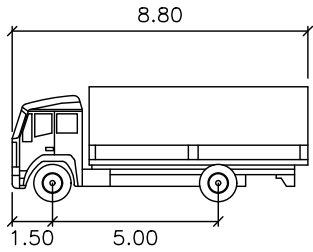


TURNING PATHS– B99 VEHICLE

TITLE TURNING PATHS – B99 VEHICLE		Hemanote Consultants
PROJECT NAME AND ADDRESS PROPOSED NEW METAL SCRAP YARD 88 MURRAYS FLAT RD TOWRANG		
SCALE 1:400 (A3)	DWG. No. TBC	HEMANOTE CONSULTANTS ABN 94 606 345 117 PO BOX 743 MOOREBANK NSW 1875 CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au
DATE 29/09/2025	DRWN. BY P.G.	
CHK. BY HT	SHEET No. 8 OF 12	
NOTE: THE INFORMATION CONTAINED IN THIS PLAN IS SOLEY BASED ON THE INSTRUCTIONS OF OUR CLIENT AND THE FINDINGS OF HEMANOTE CONSULTANTS. IT IS NOT INTENDED FOR USE OR SHOULD NOT BE RELIED UPON BY ANY THIRD PARTY. NO RESPONSIBILITY IS UNDERTAKEN BY HEMANOTE CONSULTANTS TO ANY THIRD PARTY. THIS PLAN REMAINS THE PROPERTY OF HEMANOTE CONSULTANTS.		



LEGEND		
CYAN LINE		DENOTES OFFSET OF 0.5M FROM OUTER BODY LINE OF THE VEHICLE
GREEN LINE		DENOTES OUTER BODY LINE OF THE VEHICLE

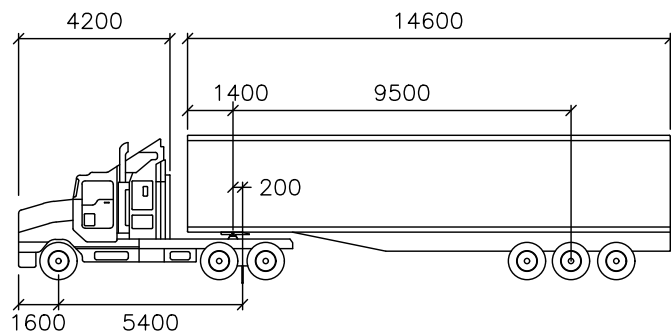
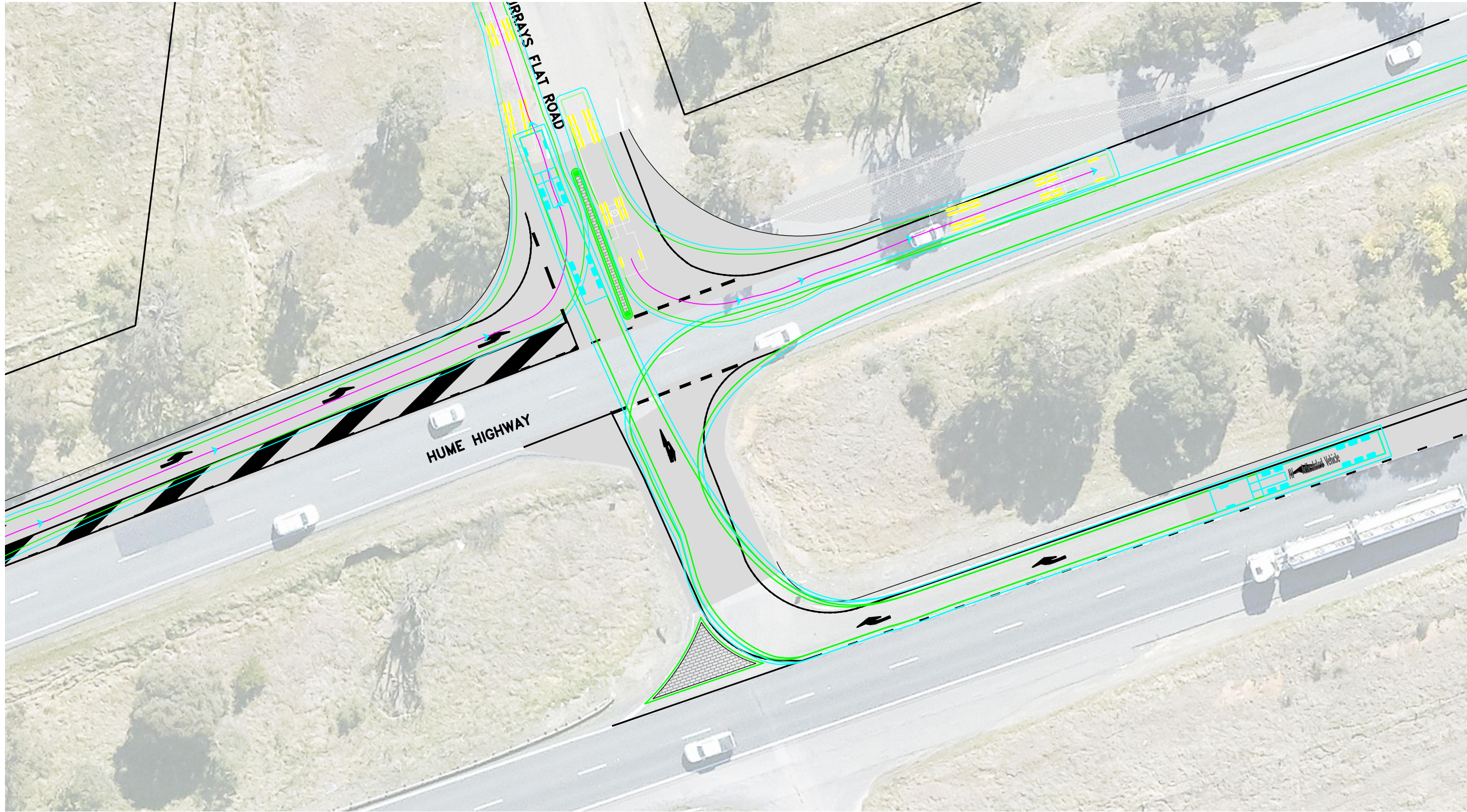


MRV	
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 34.0

TITLE TURNING PATHS – MRV VEHICLE		Hemanote Consultants
PROJECT NAME AND ADDRESS PROPOSED NEW METAL SCRAP YARD 88 MURRAYS FLAT RD TOWRANG		
SCALE 1:400 (A3)	DWG. No. TBC	HEMANOTE CONSULTANTS ABN 94 606 345 117 PO BOX 743 MOOREBANK NSW 1875 CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au
DATE 29/09/2025		
DRAWN BY P.G.	CHECKED BY HT	
AMENDMENT R2	SHEET No. 9 OF 12	
NOTE: THE INFORMATION CONTAINED IN THIS PLAN IS SOLEY BASED ON THE INSTRUCTIONS OF OUR CLIENT AND THE FINDINGS OF HEMANOTE CONSULTANTS. IT IS NOT INTENDED FOR USE OR SHOULD NOT BE RELIED UPON BY ANY THIRD PARTY. NO RESPONSIBILITY IS UNDERTAKEN BY HEMANOTE CONSULTANTS TO ANY THIRD PARTY. THIS PLAN REMAINS THE PROPERTY OF HEMANOTE CONSULTANTS.		

NOT FOR CONSTRUCTION

TURNING PATHS– MRV VEHICLE



AV

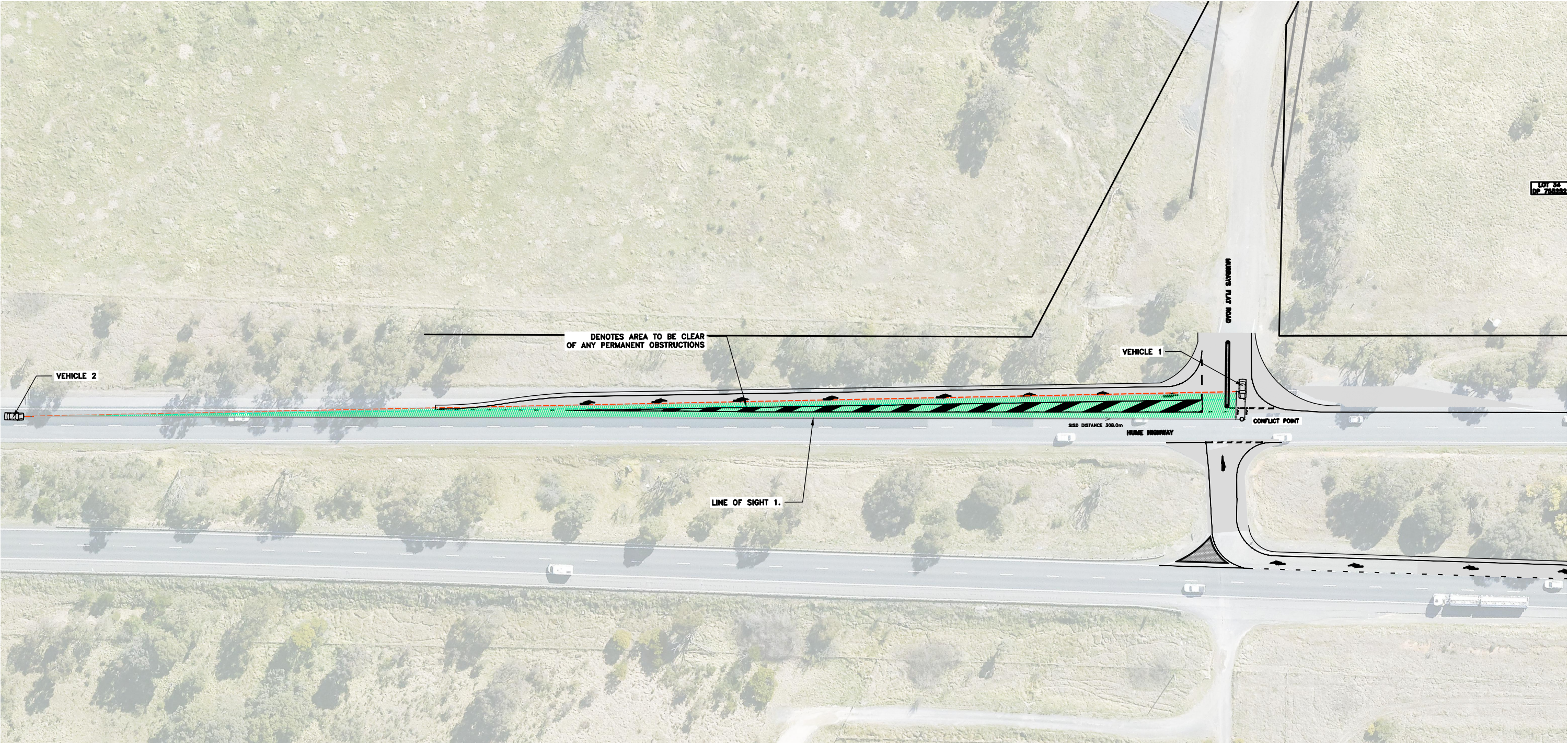
Tractor Width	: 2500	Lock to Lock Time	: 6.0
Tractor Track	: 2500	Steering Angle	: 28.3
Tractor Wheelbase	: 2500	Articulating Angle	: 72.0
Trailer Track	: 2500		

LEGEND		
CYAN LINE		DENOTES OFFSET OF 0.5M FROM OUTER BODY LINE OF THE VEHICLE
GREEN LINE		DENOTES OUTER BODY LINE OF THE VEHICLE

TURNING PATHS— AV TRUCK

NOT FOR CONSTRUCTION

TITLE TURNING PATHS — AV TRUCK		Hemanote		Consultants
PROJECT NAME AND ADDRESS PROPOSED NEW METAL SCRAP YARD 88 MURRAYS FLAT RD TOWRANG		HEMANOTE CONSULTANTS ABN 94 606 345 117 PO BOX 743 MOOREBANK NSW 1875 CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au		
SCALE 1:400 (A3)	DWG. No.			TBC
DATE 29/09/2025				
DRAWN BY P.G.	CHK. BY HT			
AMENDMENT R2	SHEET No. 10 OF 12			
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SISD ASSESSMENT	
V	110km/h
d	0.36
Rt	1.5sec
correction	-2
SISD = 308m	

LEGEND		
LINE OF SIGHT 1		DENOTES LINE OF SIGHT BETWEEN DRIVER ON MAIN ROAD AND VEHICLE ON MINOR ROAD (7m BACK FROM CONFLICT POINT)

NOT FOR CONSTRUCTION

SISD ASSESSMENT– HORIZONTAL ALIGNMENT

TITLE

SISD ASSESSMENT–
HORIZONTAL
ALIGNMENT

PROJECT NAME AND ADDRESS

PROPOSED NEW METAL
SCRAP YARD
88 MURRAY'S FLAT RD
TOWRANG

SCALE
1:400 (A3)

DATE
29/09/2025

DRWN BY
P.G.

CHK. BY
HT

AMENDMENT
R2

DWG. No.

TBC

SHEET No.
11 OF 12

Hemanote

Consultants

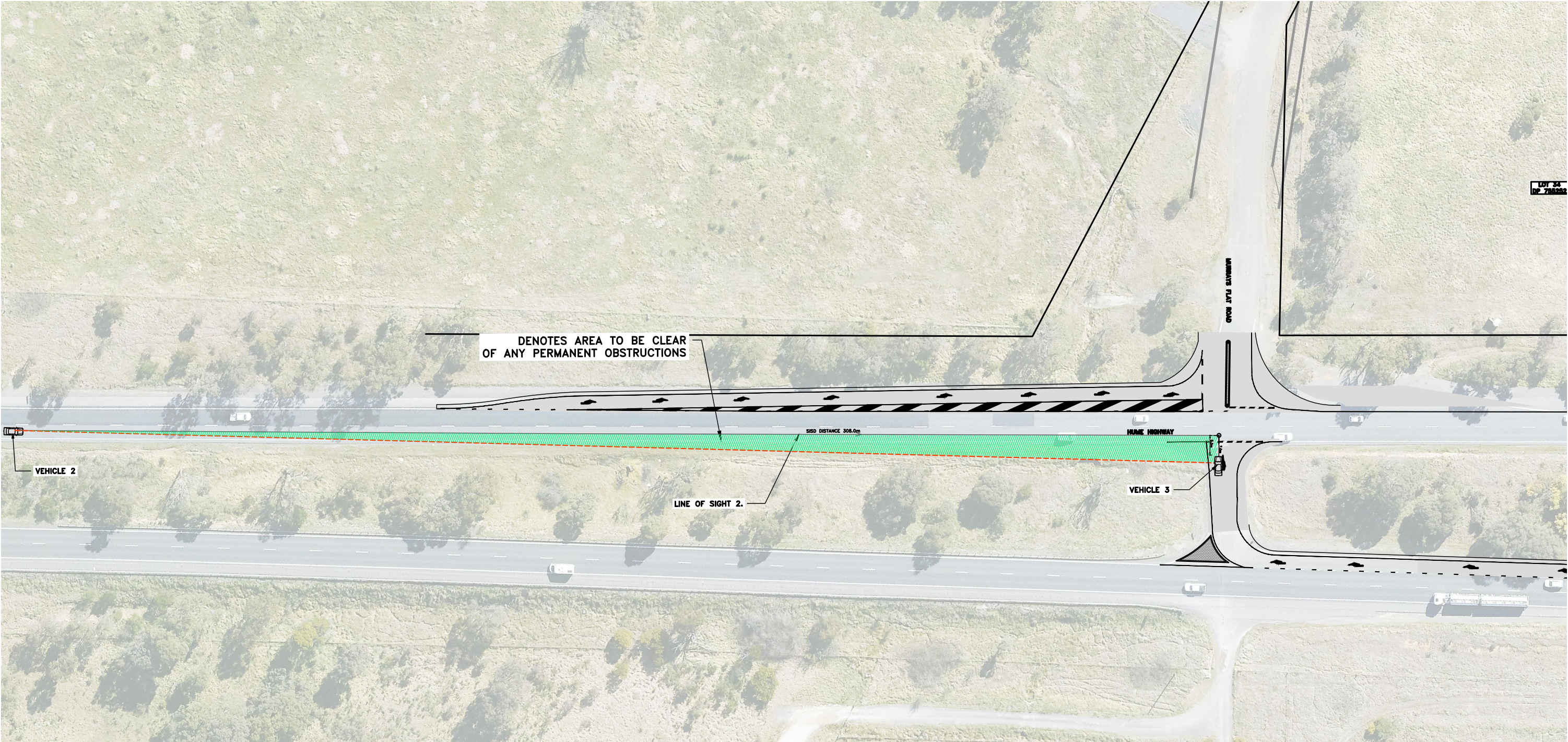
HEMANOTE CONSULTANTS

ABN 94 606 345 117

PO BOX 743
MOOREBANK NSW 1875

CONTACTS: 0414 251 845 & 0414 445 497
EMAIL: projects@hemanote.com.au

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SISD ASSESSMENT	
V	110km/h
d	0.36
Rt	1.5sec
correction	-2
SISD = 308m	

LEGEND		
LINE OF SIGHT 2		DENOTES LINE OF SIGHT BETWEEN DRIVER ON MAIN ROAD AND VEHICLE ON MINOR ROAD (7m BACK FROM CONFLICT POINT)

TITLE		Hemanote Consultants	
SISD ASSESSMENT— HORIZONTAL ALIGNMENT			
PROJECT NAME AND ADDRESS			
PROPOSED NEW METAL SCRAP YARD 88 MURRAY'S FLAT RD TOWRANG			
SCALE 1:400 (A3)	DWG. No.	HEMANOTE CONSULTANTS ABN 94 606 345 117 PO BOX 743 MOOREBANK NSW 1875 CONTACTS: 0414 251 845 & 0414 445 497 EMAIL: projects@hemanote.com.au	
DATE 29/09/2025	TBC		
DRAWN BY P.G.	CHK. BY HT		
AMENDMENT R2	SHEET No. 12 OF 12		
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SISD ASSESSMENT— HORIZONTAL ALIGNMENT