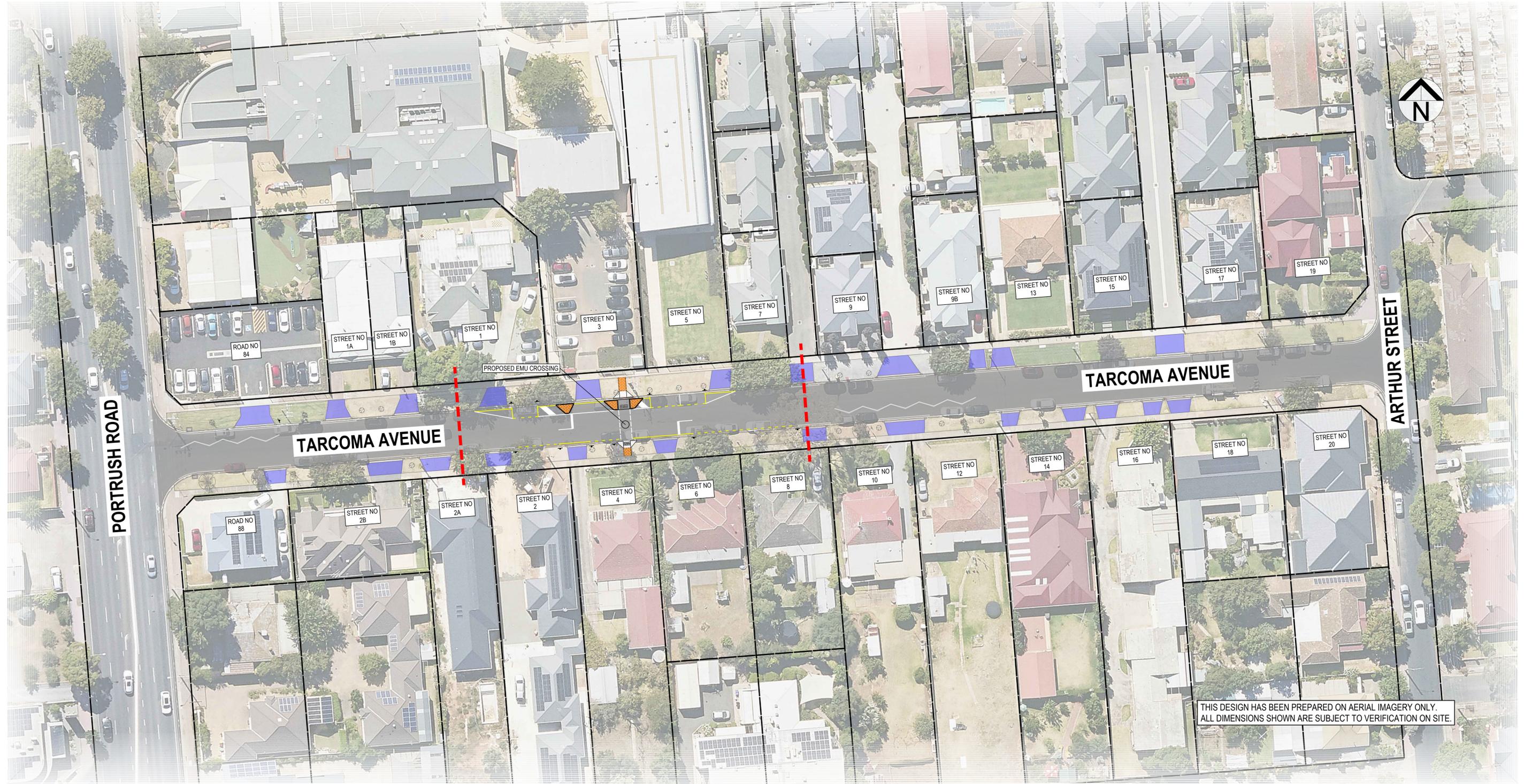
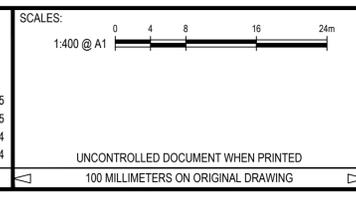


# SHEET INDEX

- SHEET C01 - LAYOUT PLAN & SHEET INDEX
- SHEET C02 - TYPICAL ROAD SECTION & DESIGN NOTES
- SHEET C03 - CIVIL DESIGN PLAN
- SHEET C04 - TRAFFIC CONTROL PLAN & SIGNAGE SCHEDULE
- SHEET C05 - CONSTRUCTION DETAILS (SHEET 1 OF 1)



REV	DESCRIPTION	DRAWN	CHECK	APP'D	DATE
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0	CONSTRUCTION	VW	BZ	DB	09.12.2024



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19 Young Street, Adelaide, SA 5000

info@be-engineersolutions.com.au  
ABN 90 631 262 756

CLIENT:

City of  
Norwood  
Payneham  
& St Peters

**TARCOMA AVENUE**  
PAYNEHAM SOUTH  
CITY OF NORWOOD PAYNEHAM & ST PETERS  
**PROPOSED EMU CROSSING**  
LAYOUT PLAN & SHEET INDEX

CONSTRUCTION			
DESIGN BY:	DRAWN BY:	PROJECT #	SHEET SIZE:
V.WANG	V.WANG	BE24-056	A1
DRAWING #		SHEET #	REV #
<b>BE24-056</b>		<b>C01</b>	<b>3</b>

**GENERAL DESIGN NOTES**

1. THESE NOTES SHALL BE APPLICABLE FOR ALL DESIGN PLANS THAT FORM PART OF THIS DRAWING SET.
2. WHERE APPLICABLE, REFER ADDITIONAL NOTES FOR CORRESPONDING CONSTRUCTION DISCIPLINES.
3. ALL WORKS TO BE PERFORMED IN ACCORDANCE WITH AS 1742 AS MODIFIED BY THE CODE OF TECHNICAL REQUIREMENTS FOR THE LEGAL USE OF TRAFFIC CONTROL DEVICES AND THE DIT PAVEMENT MARKING MANUAL.
4. ANY ALTERATIONS ON SITE TO BE CONFIRMED WITH THE SUPERINTENDENT.
5. DO NOT SCALE FROM THIS DRAWING.
6. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
7. THE LOCATION OF SERVICES SHOWN IS INDICATIVE ONLY UNLESS NOTED OTHERWISE.
8. UNDERGROUND SERVICE DEPTHS AND LOCATIONS SHALL BE CONFIRMED ON SITE BY DIRECT METHODOLOGY (HAND DIGGING / POT-HOLING) PRIOR TO UNDERTAKING ANY WORKS. WHERE REQUIRED, THE CONTRACTOR SHALL ARRANGE FOR THEIR RELOCATION IN ACCORDANCE WITH THE RELEVANT AUTHORITIES REQUIREMENTS.
9. THESE DRAWINGS ARE TO BE VIEWED AND PRINTED IN COLOUR, TO ENSURE THAT ALL FEATURES AND LINE WORK ARE DISPLAYED AS INTENDED.
10. BOUNDARY LOCATIONS SHOWN ARE INDICATIVE ONLY UNLESS NOTED OTHERWISE.
11. ANY DISCREPANCIES WITH THESE DRAWINGS ARE TO BE BROUGHT TO THE SUPERINTENDENT'S ATTENTION, AND CLARIFICATION SHALL BE SOUGHT BEFORE COMMENCING ON SITE.
12. THE SUPERINTENDENT IS TO BE NOTIFIED OF THE COMPLETION OF WORKS, AND IS TO BE PROVIDED WITH DETAILS OF ANY 'AS CONSTRUCTED' VARIATIONS TO THE DRAWINGS.
13. THE CONTRACTOR SHALL CONFIRM ALL LEVELS, DIMENSIONS AND QUANTITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS.
14. THE CONTRACTOR SHALL CONFIRM THE FINAL EXTENT OF WORKS WITH THE SUPERINTENDENT PRIOR TO CONSTRUCTION.

**TRAFFIC NOTES**

1. THESE NOTES TO BE READ IN CONJUNCTION WITH THE GENERAL DESIGN NOTES.
2. PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE DIT MASTER SPECIFICATION - ROADS.
3. REDUNDANT PAVEMENT MARKINGS SHALL BE REMOVED USING 'ENVIROBLAST' OR SIMILAR APPROVED IN ACCORDANCE WITH THE DIT PAVEMENT MARKING MANUAL.
4. RRPMS (RAISED RETROREFLECTIVE PAVEMENT MARKERS) SHALL BE INSTALLED IN ACCORDANCE WITH THE DIT PAVEMENT MARKING MANUAL.
5. ALL NIGHT STREET LIGHTING TO BE PROVIDED IN ACCORDANCE WITH AS 1158.
6. KERB RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH AS 1428.
7. ALL LANE DIMENSIONS QUOTED ARE TO THE CENTRE OF LINEMARKING OR TO THE FACE OF KERB.
8. ALL LINEMARKING SHALL BE 100mm WIDE UNLESS OTHERWISE NOTED.
9. ALL PAINTED KERBS AND LANE CHANGE ARROWS SHALL BE REFLECTORISED IN ACCORDANCE WITH AS 1742.

**LINEMARKING NOTES**

**LONGITUDINAL LINES**

**DIVIDING AND BARRIER LINES**  
BARRIER LINE (SINGLE UNBROKEN)\* - 100mm WIDE CONTINUOUS WHITE LINE

**EDGE LINES**  
EDGE LINE (STANDARD UNBROKEN)\* - 100mm WIDE CONTINUOUS WHITE LINE

**TRANSVERSE LINES**

**STOP LINES**  
STOP LINE (STANDARD ≤ 70km/h) - 450mm WIDE CONTINUOUS WHITE LINE

**MARKED FOOT CROSSING**  
MARKED FOOT CROSSING (STANDARD) - 150mm WIDE, 1.0m LONG WHITE LINE, 0.3m GAP

**PARKING CONTROL LINES**  
PARKING CONTROL EDGE LINES  
NO STOPPING AT ALL TIMES\* - 100mm WIDE CONTINUOUS YELLOW LINE  
RESTRICTED PARKING (OTHER THAN CLEARWAY)\* - 100mm WIDE, 0.6m LONG YELLOW LINE, 0.9m GAP

**OTHER**  
DIAGONAL STRIPES AND CHEVRON MARKINGS\* - 1000mm WIDE WHITE LINE AT 45°, SPACED @3.0m CENTRES.

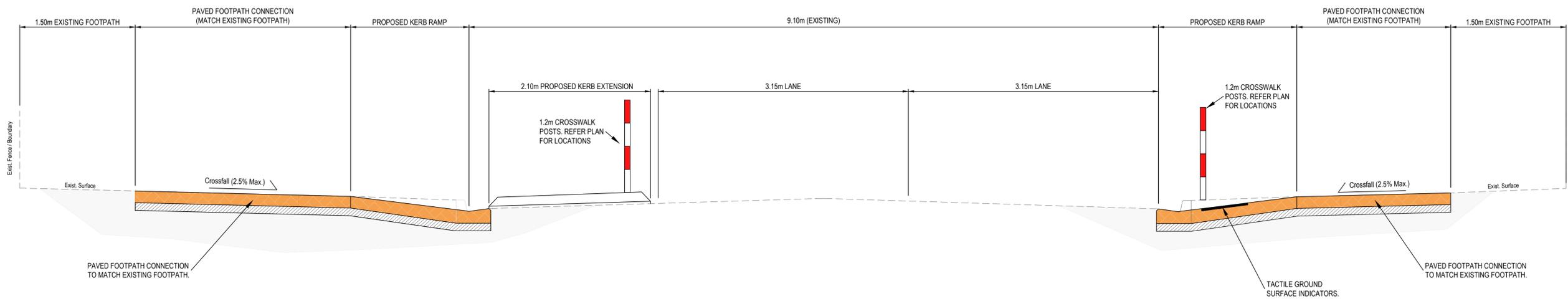
\* ALL LONGITUDINAL AND TRANSVERSE LINES EXCEPT ZIGZAG MARKINGS SHALL BE REFLECTORISED IN ACCORDANCE WITH AS 1742.

**SIGNAGE NOTES**

1. ALL ROAD SIGNS TO BE INSTALLED IN ACCORDANCE WITH THE DIT MASTER SPECIFICATION - ROADS AND AS 1742.
2. ALL ROAD SIGN SIZES TO BE IN ACCORDANCE WITH 'DIT OPERATIONAL INSTRUCTION 2.38 SIZES FOR STANDARD SIGNS'.
3. ALL ROAD SIGNS TO BE LOCATED SO THAT THE EDGE OF SIGN NEAREST THE ROAD IS LOCATED;
  - KERBED ROADS - AT LEAST 300mm FROM BACK OF KERB.
  - UN-KERBED ROADS - AT LEAST 600mm BACK FROM THE LINE OF GUIDE POSTS (MIN 2.0m - MAX 5.0m FROM EDGE OF SEAL).

**VEHICLE TURNING PATH NOTES**

THE TURNING PATHS SHOWN HAVE BEEN CREATED USING THE FOLLOWING CRITERIA  
 DESIGN VEHICLE : ASINZS 2890.1:2004, B99 VEHICLE  
 CHECKING VEHICLE : AUSTRROADS 2013, SERVICE VEHICLE  
 CLEARANCE OFFSET: 500mm



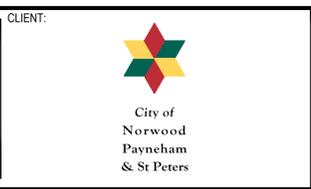
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SCALES:  
NOT TO SCALE

UNCONTROLLED DOCUMENT WHEN PRINTED

100 MILLIMETERS ON ORIGINAL DRAWING



**TARCOMA AVENUE**  
 PAYNEHAM SOUTH  
 CITY OF NORWOOD PAYNEHAM & ST PETERS  
**PROPOSED EMU CROSSING**

TYPICAL ROAD SECTIONS & CONSTRUCTION NOTES

CONSTRUCTION			
DESIGN BY: V.WANG	DRAWN BY: V.WANG	PROJECT # BE24-056	SHEET SIZE: A1
DRAWING # <b>BE24-056</b>		SHEET # <b>C02</b>	REV # <b>3</b>

**LEGEND - GENERAL CONSTRUCTION**

- PAVED FOOTPATH CONNECTION  
60mm ADBRI HOLLANDSTONE, PORTBLEND COLOUR, HERRINGBONE
- BROOM FINISH CONCRETE SLAB  
100mm MIN THICKNESS F62 CENTRAL 25MPa
- EXISTING DRIVEWAY
- EXTENT OF WORKS SHOWN THUS
- MEDIAN ISLAND KERB & PAVED INFILL  
60mm ADBRI HOLLANDSTONE, PORTBLEND COLOUR, HERRINGBONE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED BY COUNCIL
- PROPOSED KERB RAMP
- PF 1.8m HIGH POST WITH **CHILDREN CROSSING**  
FLAG R3-3. (REFER SHEET C05 FOR DETAIL)
- CP 1.2m HIGH CROSSWALK POST  
(REFER SHEET C05 FOR DETAIL)
- EXISTING STOBIE POLE
- PROPOSED ROAD SIGN

**LEGEND - SERVICES**

- GAS HP
- GAS
- TELECOMMUNICATIONS
- SEWER
- WATER

1. THE LOCATION OF SERVICES SHOWN ARE APPROXIMATE ONLY.  
2. ALL SERVICES TO BE LOCATED PRIOR TO CONSTRUCTION.

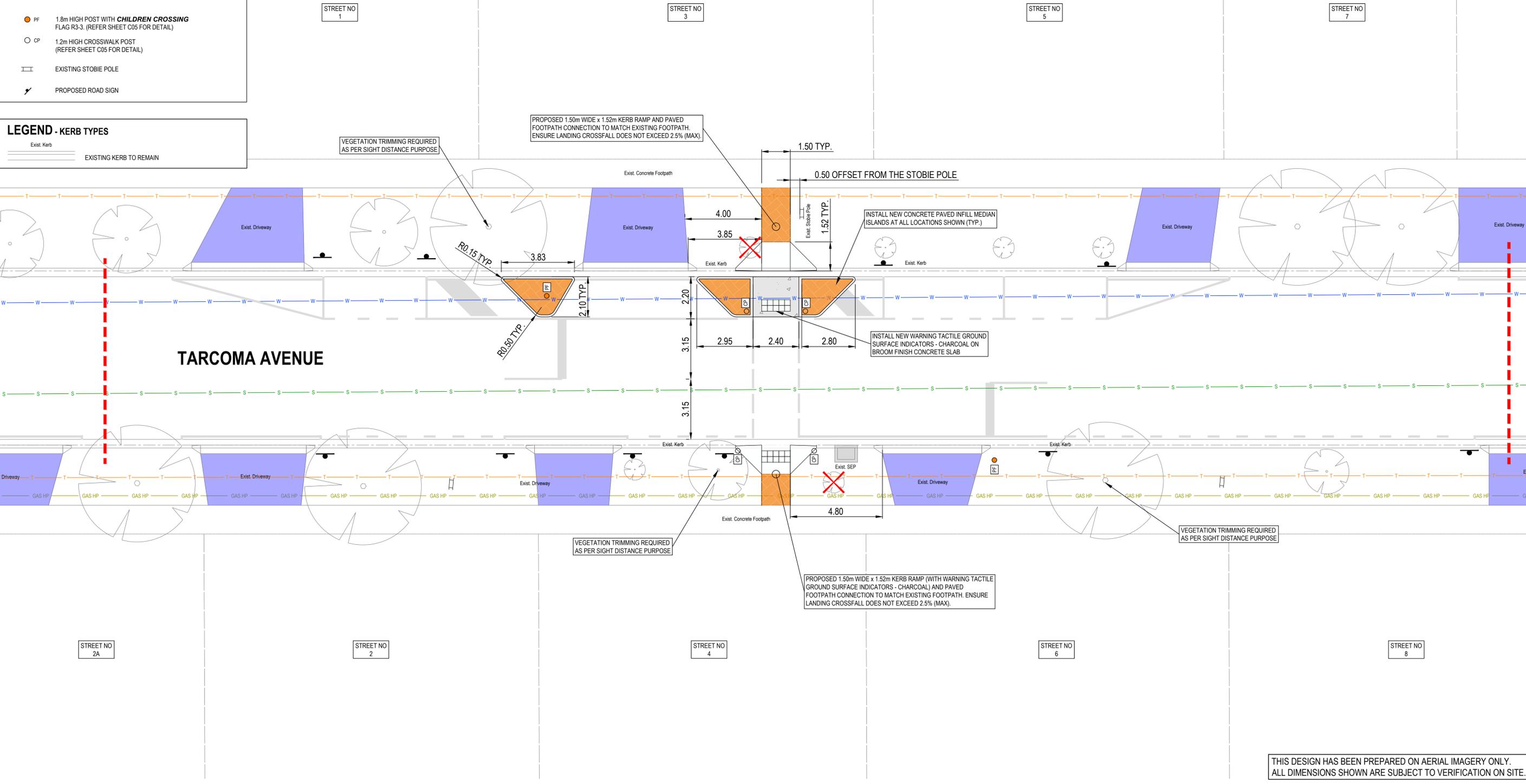
**--- CAUTION ---**  
**ALL SERVICES TO BE LOCATED PRIOR TO CONSTRUCTION**  
THE LOCATION OF SERVICES SHOWN ARE APPROXIMATE ONLY

**--- CAUTION ---**  
**HIGH PRESSURE GAS MAIN IN VICINITY OF WORKS**  
DO NOT EXCAVATE UNLESS APA GROUP PERSONNEL ARE PRESENT  
PHONE (08) 8159 1644 (48 HRS NOTICE IS REQUIRED)

**--- CAUTION ---**  
**SHALLOW TELECOMMUNICATIONS SERVICES IN VICINITY OF WORKS**  
PRECAUTIONS ARE TO BE TAKEN TO ENSURE THAT TELECOMMUNICATION SERVICES IN THE VICINITY OF WORKS ARE NOT DAMAGED BY CONSTRUCTION ACTIVITIES

**LEGEND - KERB TYPES**

- EXIST. KERB
- EXISTING KERB TO REMAIN



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REV	DESCRIPTION	DRAWN	CHECK	APPD	DATE

SCALES:  
1:100 @ A1

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19 Young Street, Adelaide, SA 5000

info@be-engineersolutions.com.au  
ABN 90 631 262 756

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**TARCOMA AVENUE**  
PAYNEHAM SOUTH  
CITY OF NORWOOD PAYNEHAM & ST PETERS  
**PROPOSED EMU CROSSING**  
CIVIL DESIGN PLAN

**CONSTRUCTION**

DESIGN BY: V.WANG	DRAWN BY: V.WANG	PROJECT # BE24-056	SHEET SIZE: A1
DRAWING # <b>BE24-056</b>		SHEET # <b>C03</b>	REV # <b>3</b>

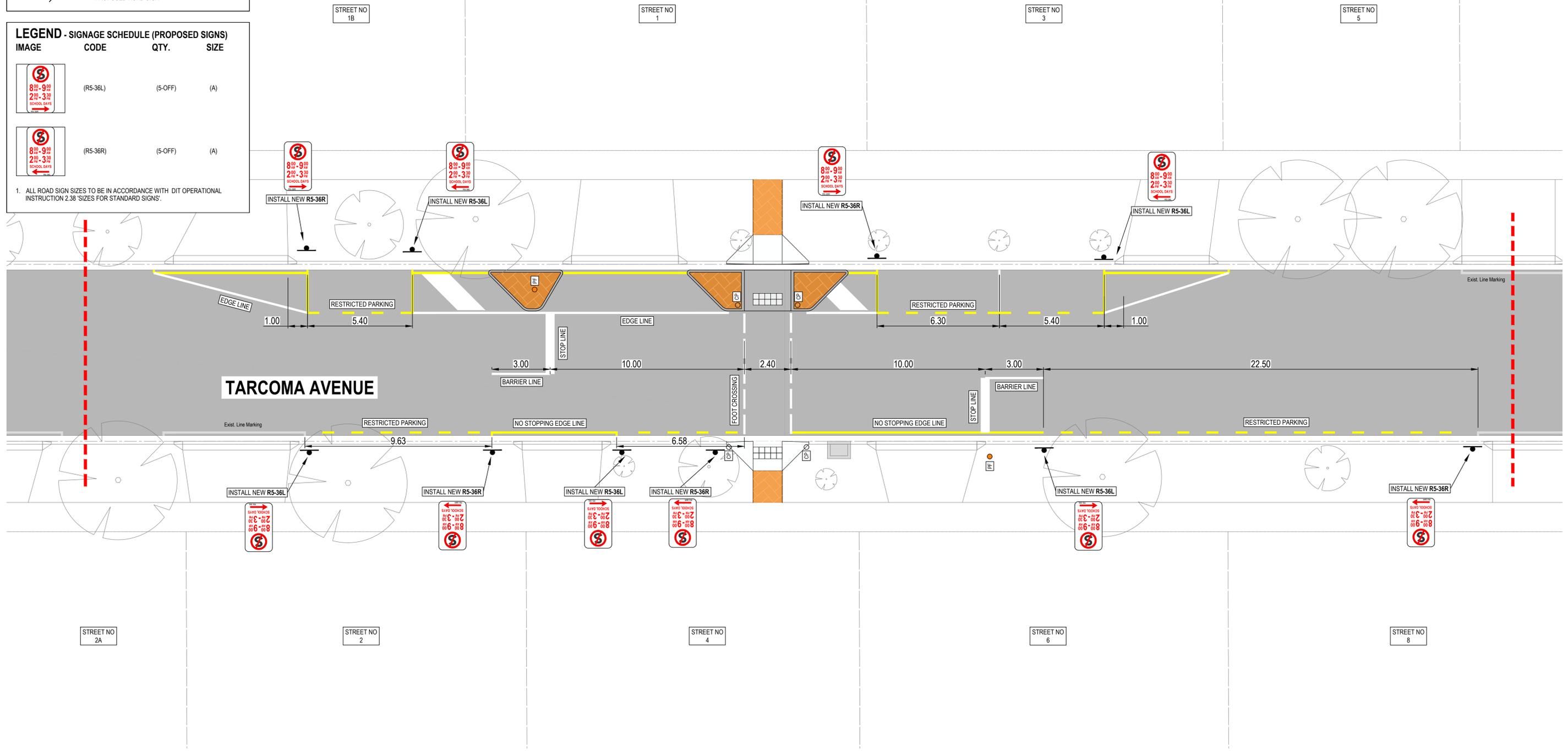
**LEGEND - TRAFFIC CONTROL**

- EXTENT OF WORKS SHOWN THUS
- EXISTING LINEMARKING
- DESCRIPTION: LINEMARKING - WHITE COLOUR (REFER NOTES FOR INFORMATION)
- DESCRIPTION: LINEMARKING - YELLOW COLOUR (REFER NOTES FOR INFORMATION)
- DIAGONAL MARKINGS - WHITE COLOUR
- PROPOSED KERB RAMP
- PROPOSED ROAD SIGN

**LEGEND - SIGNAGE SCHEDULE (PROPOSED SIGNS)**

IMAGE	CODE	QTY.	SIZE
	(R5-36L)	(5-OFF)	(A)
	(R5-36R)	(5-OFF)	(A)

1. ALL ROAD SIGN SIZES TO BE IN ACCORDANCE WITH DIT OPERATIONAL INSTRUCTION 2.38 'SIZES FOR STANDARD SIGNS'.



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SCALES:  
1:100 @ A1

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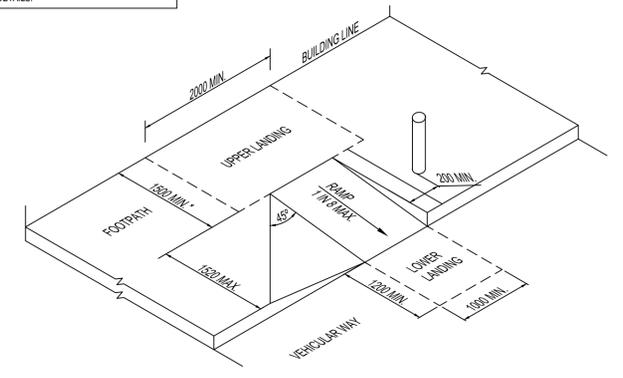
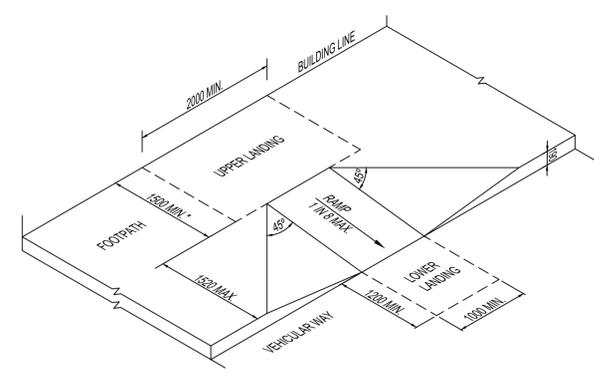
**TARCOMA AVENUE**  
PAYNEHAM SOUTH  
CITY OF NORWOOD PAYNEHAM & ST PETERS  
**PROPOSED EMU CROSSING**  
TRAFFIC CONTROL PLAN & SIGNAGE SCHEDULE

**CONSTRUCTION**

DESIGN BY: V.WANG	DRAWN BY: V.WANG	PROJECT # BE24-056	SHEET SIZE: A1
DRAWING # <b>BE24-056</b>		SHEET # <b>C04</b>	REV # <b>3</b>

**KERB RAMP SPECIFICATIONS - SHEET 2 OF 2 NOTES:**  
1. REFER SD 125 FOR DETAILS.

**KERB RAMP SPECIFICATIONS - SHEET 1 OF 2 NOTES:**  
1. RAMP(S) GIVING ACCESS TO ROADWAYS HAVING KERBS EACH SIDE SHALL BE PROVIDED IN PAIRS, ONE IN EACH FOOTPATH AND DIRECTLY OPPOSITE EACH OTHER.  
2. RAMP(S) OR OPENINGS SHALL BE PROVIDED IN ISLANDS WHICH LIE ON THE ROUTE ACROSS THE ROAD. THE OPENING SHALL NOT BE LESS THAN 1000mm WIDE (1200mm PREFERRED).  
3. TOP AND BOTTOM KERB RAMP(S) SHALL HAVE A SHARP GRADIENT TRANSITION.  
4. THE RAMP AND SLOPING SIDES SHALL BE SLIP RESISTANT WITH TACTILE SURFACE INDICATORS (CONTRASTING COLOUR), TYPE 'B' AND SHALL BE INSTALLED IN ACCORDANCE WITH AS 1428.4-2009.  
5. CONCRETE GRADE SHALL BE N32 FOR KERBS, GUTTERS AND RAMP(S).  
6. KERB RAMP(S) MUST CONFORM WITH AS1428.  
7. KERB RAMP WINGS CAN BE STEEPENED AND A HAND RAIL PROVIDED IN LOCATIONS WHERE ACCESS FROM THE SIDES IS NOT POSSIBLE, OR ON CURVES.

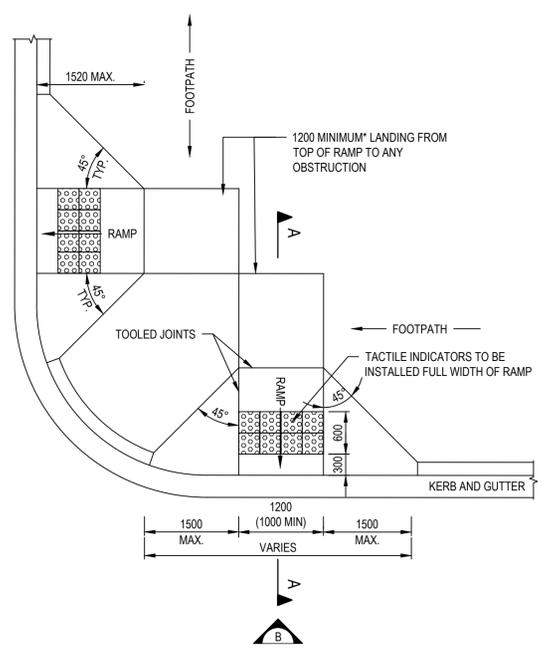


**KERB RAMP ISOMETRIC VIEW**  
\*WHERE THERE IS NO TURN INVOLVED, TOP LANDING MAY BE REDUCED TO 1200mm MIN. IN LENGTH

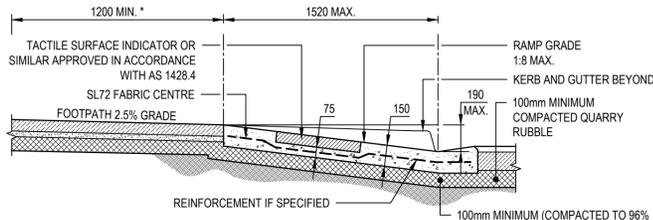
**KERB RAMP WITH VERTICAL SIDE - ISOMETRIC VIEW**  
\*WHERE THERE IS NO TURN INVOLVED, TOP LANDING MAY BE REDUCED TO 1200mm MIN. IN LENGTH

ALL MEASUREMENTS IN MILLIMETRES

**KERB RAMP SPECIFICATIONS - SHEET 2 OF 2**  
REFER INFRASTRUCTURE GUIDELINES (SA) SD 130 (MODIFIED)  
NOT TO SCALE



**KERB RAMP PLAN**



**SECTION A-A**

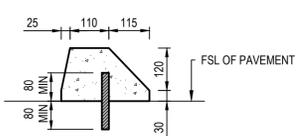


**ELEVATION B**

\* DENOTES MINIMUM DIMENSION. TO BE 1500 IF A TURN IN DIRECTION OF TRAVEL IS REQUIRED.

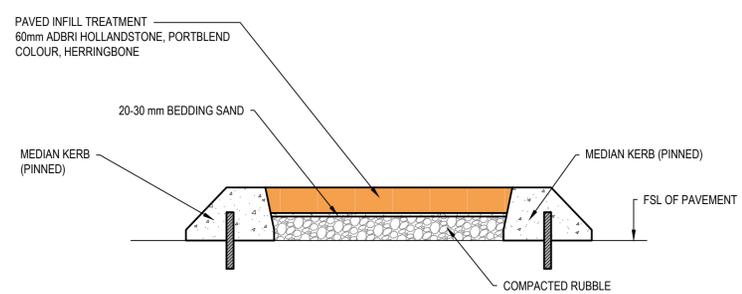
ALL MEASUREMENTS IN MILLIMETRES

**KERB RAMP SPECIFICATIONS - SHEET 1 OF 2**  
REFER INFRASTRUCTURE GUIDELINES (SA) SD 125  
NOT TO SCALE



ALL MEASUREMENTS IN MILLIMETRES

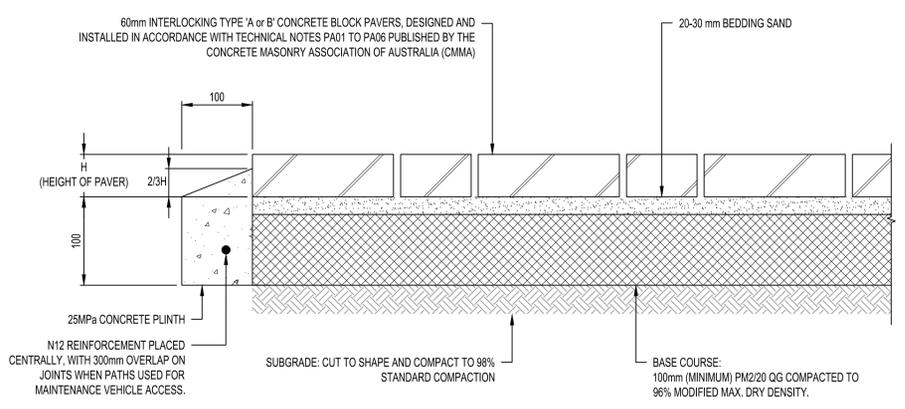
**PINNED IN KERB MEDIAN KERB**  
TYPICAL DETAIL  
NOT TO SCALE



ALL MEASUREMENTS IN MILLIMETRES

**PINNED IN KERB MEDIAN ISLAND**  
TYPICAL DETAIL  
NOT TO SCALE

**BLOCK PAVED FOOTPATH NOTES:**  
1. CONCRETE PLINTH TO BE USED WHERE NOT BACK OF KERB, OR BOTH SIDES OF FOOTPATH WHEN NOT BACK OF KERB OR AGAINST FIXED EDGE.  
2. MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT PUBLICATION OF THE CONCRETE MASONRY ASSOCIATION OF AUSTRALIA AND SHALL BE IN ACCORDANCE WITH BEST TRADE PRACTICE.  
3. PAVING BLOCKS TO BE LAID IN 90° HERRINGBONE PATTERN WITH HEADER COURSE UP TO THE CONCRETE PLINTH OR AS SPECIFIED.  
4. BLOCKS SHALL BE CONCRETE INTERLOCKING, COLOUR AND STYLE TO BE NOMINATED ON DRAWING APPROVED BY COUNCIL. ALL JOINTS TO BE FILLED WITH SUPERSAND/OR PAVELOCK SAND.  
5. ALL CUTTING OF PAVERS TO BE WITH MASONRY SAW ONLY.  
6. CLAY PAVERS OR OTHER NON INTERLOCKING PAVERS ARE SUBJECT TO COUNCIL APPROVAL BASED ON PERFORMANCE REQUIREMENTS INCLUDING SLIP RESISTANCE AND STRENGTH.



**SECTION THROUGH EDGE OF FOOTPATH**

**BLOCK PAVED FOOTPATH**  
REFER INFRASTRUCTURE GUIDELINES (SA) SD 220  
NOT TO SCALE

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CITY OF NORWOOD PAYNEHAM & ST PETERS  
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CONSTRUCTION DETAILS (SHEET 1 OF 1)

<b>CONSTRUCTION</b>			
DESIGN BY: V.WANG	DRAWN BY: V.WANG	PROJECT # BE24-056	SHEET SIZE: A1
DRAWING # <b>BE24-056</b>		SHEET # <b>C05</b>	REV # <b>3</b>