



City of
Greater Geraldton
a vibrant future



LAND DEVELOPMENT SUPPLEMENT

STANDARD DRAWINGS
NOVEMBER 2025

TABLE OF CONTENTS

DRAWING NUMBER	DRAWING TITLE
LDS-2025-001	PROJECT SIGN BOARD
LDS-2025-100	CONCRETE PATHWAY - LOCAL AND DISTRIBUTOR ROADS
LDS-2025-110	CONCRETE PATHWAY - ACCESS STREET
LDS-2025-120	CONCRETE PATHWAY - DETAILS (1 OF 2)
LDS-2025-130	CONCRETE PATHWAY - DETAILS (2 OF 2)
LDS-2025-200	STREET FURNITURE
LDS-2025-300	TREE PLANTING


NOTES

1. PROJECT SIGN BOARD FOOTINGS AND/OR SUPPORTS SHALL BE CERTIFIED BY AN ENGINEER.
2. MANDATORY INFORMATION (HIGHLIGHTED) MUST BE SUPPLIED AT SIZES SHOWN.
3. PROJECT SIGN BOARD TO BE ERECTED NO LESS THAN SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF WORKS ON SITE.
4. FONT STYLES AND/OR COLOUR SCHEME TO BE APPROVED BY THE CITY OF GREATER GERALDTON.
5. ALL DIMENSIONS ARE IN MILLIMETRES (mm)



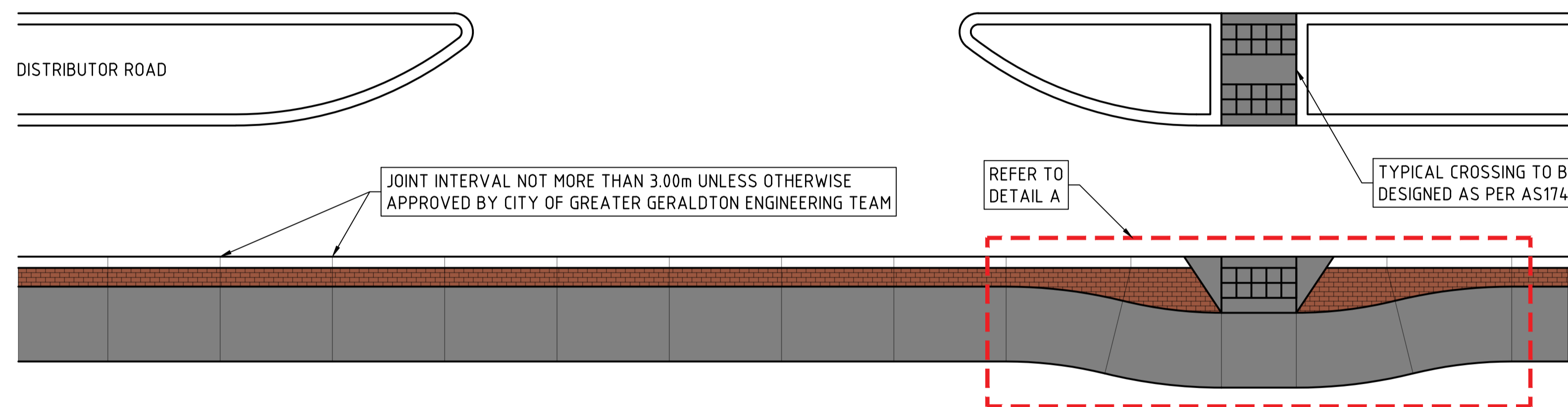
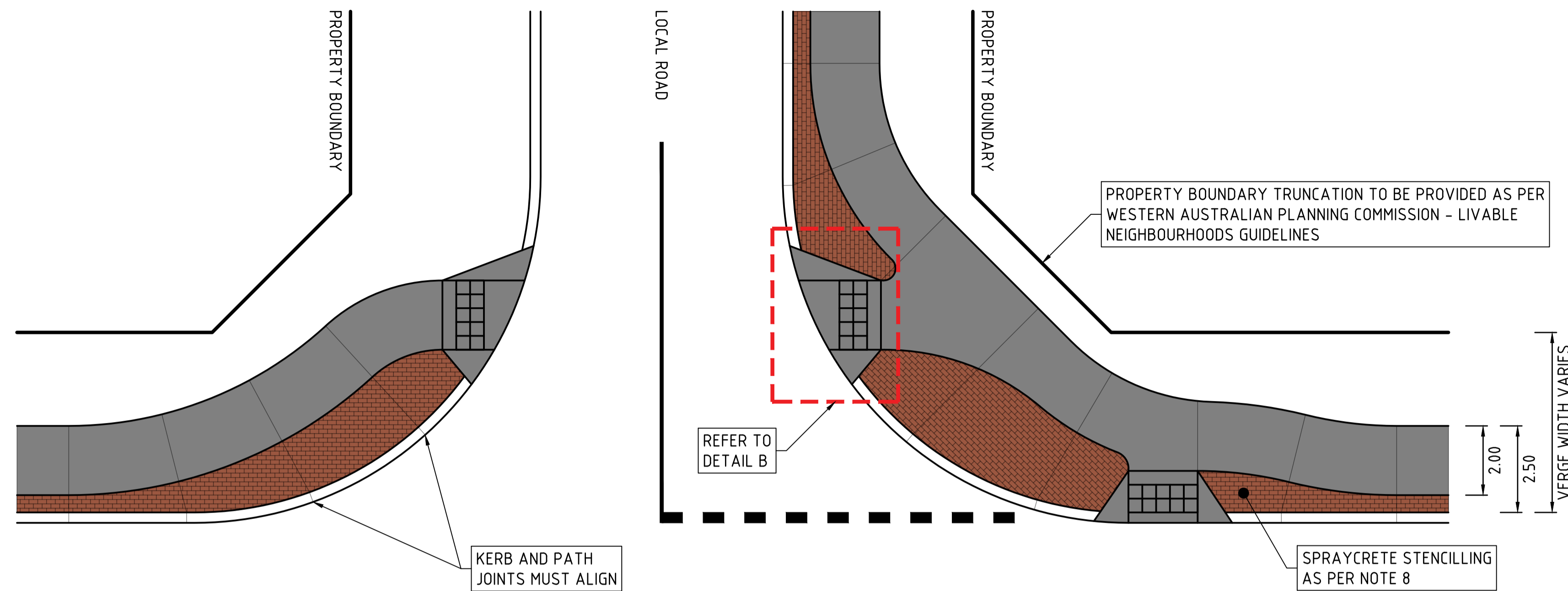
AMENDMENTS NO.	DESCRIPTION	APPROVED BY	DATE
0	APPROVED - ISSUED FOR USE	CE	28/11/2025
C	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	BD	28/11/2025
B	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	N/A	N/A
A	CONCEPT - ISSUED FOR APPROVAL	N/A	N/A



MANAGER PROJECT DELIVERY & ENGINEERING	CE	DATE: 28/11/25
PRINCIPAL ENGINEER	BD	DATE: 28/11/25
	COORD: TP	DATE: 11/10/25
	DSN: VH	DATE: 22/10/25

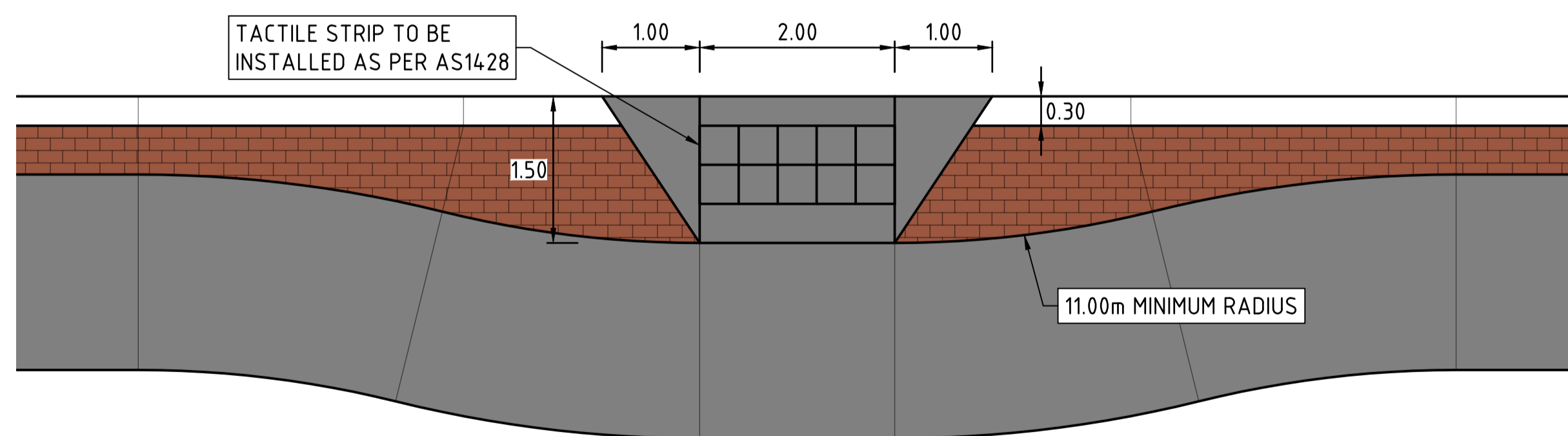
PROJECT TITLE:	LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS	
DRAWING TITLE:	PROJECT SIGN BOARD	
PROJECT NUMBER:	LDS-2025	SHEET NUMBER: 001

PAPER SIZE:	A1
SCALE:	AS SHOWN
SURVEYED BY:	N/A
DATE SURVEYED:	N/A
DATUM:	H N/A V N/A
REVISION NUMBER:	0

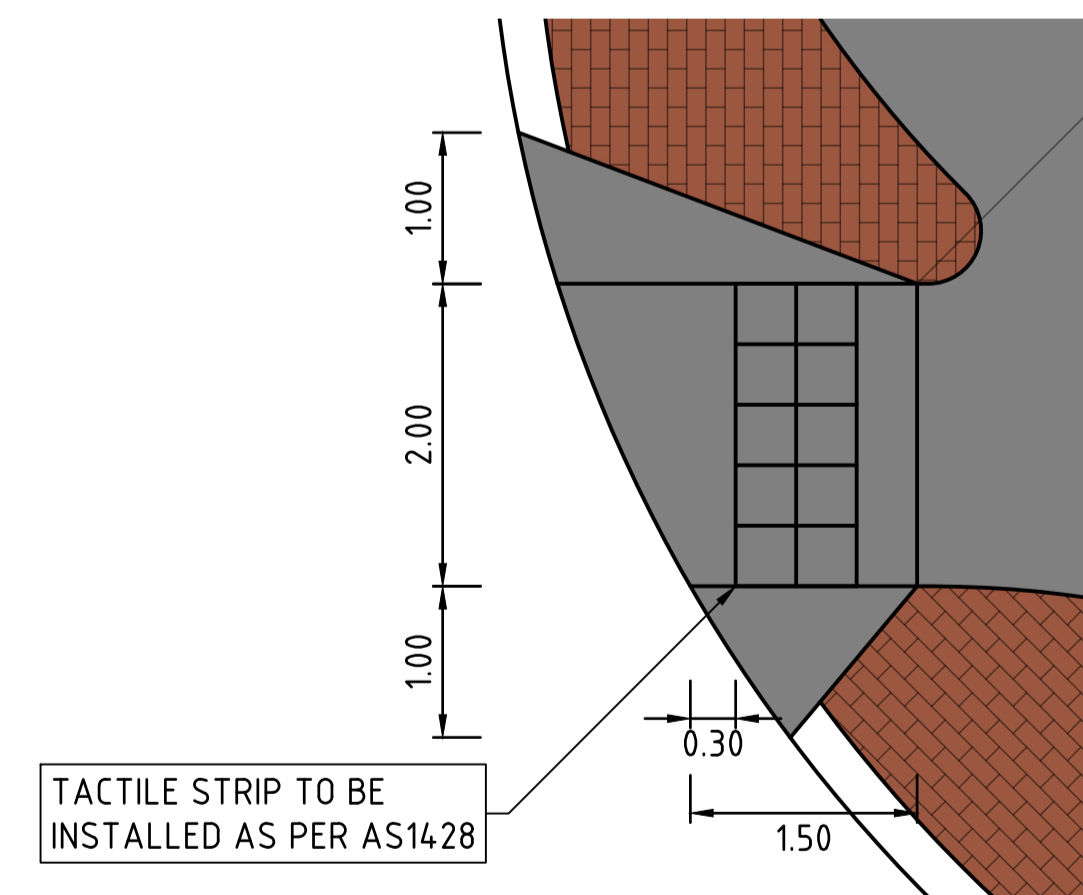


PROPERTY BOUNDARY

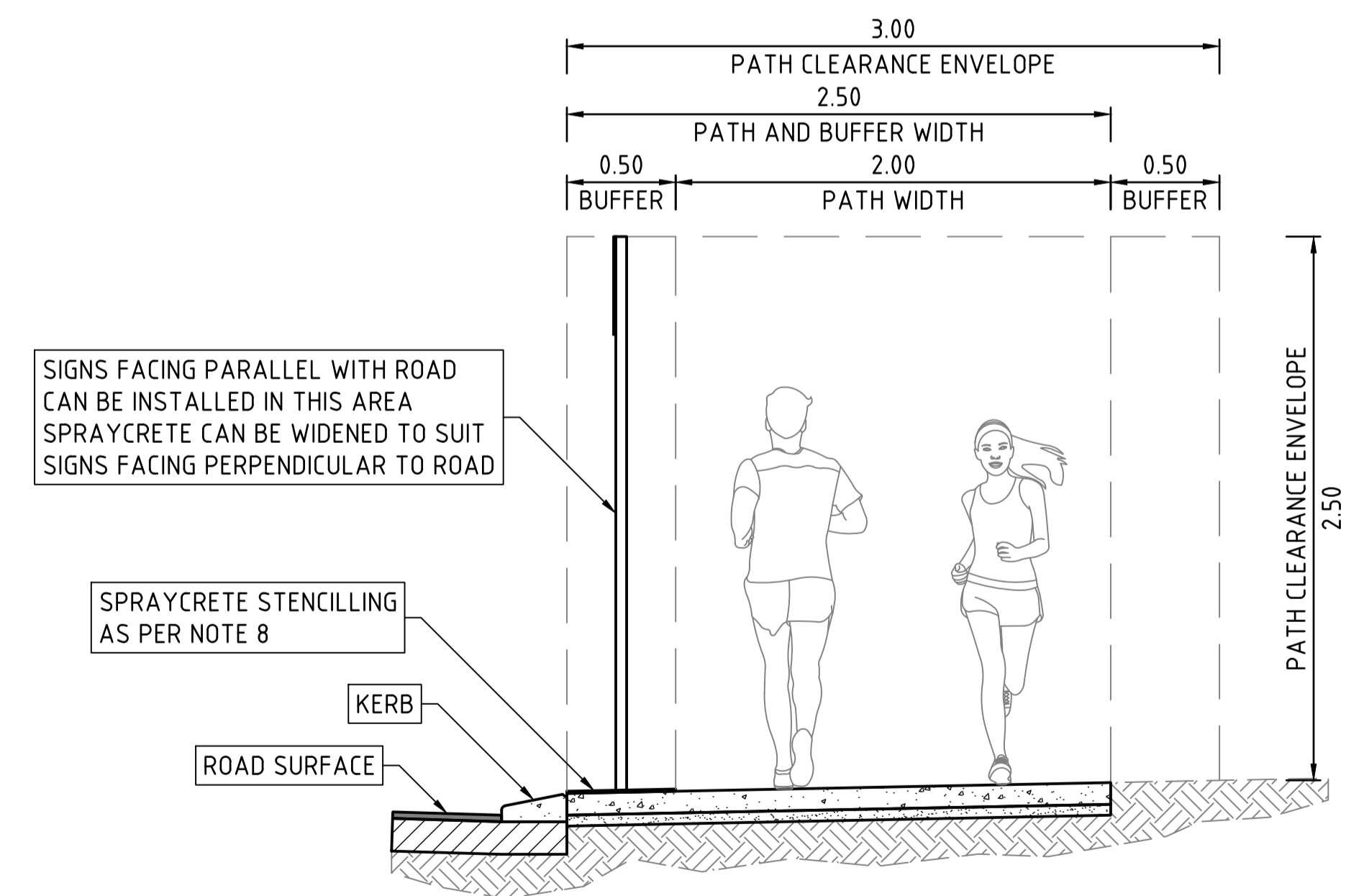
**LOCAL AND DISTRIBUTOR ROADS
TYPICAL INTERSECTION LAYOUT**
N.T.S.



DETAIL A
N.T.S.



DETAIL B
N.T.S.



TYPICAL PATH SECTION
N.T.S.

NOTES

- ALL WORK TO COMPLY WITH THE CITY OF GREATER Geraldton'S:
 - LAND DEVELOPMENT SUPPLEMENT.
 - LAND DEVELOPMENT SUPPLEMENT - STANDARD DRAWINGS.
- ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.
- STANDARD DRAWINGS ARE FOR REFERENCE ONLY. (DO NOT SCALE, USE DIMENSIONS REFERENCED ONLY).
- ALIGNMENTS ARE INDICATIVE ONLY, REFER TO THE FOLLOWING DOCUMENTATION FOR BEST PRACTICE:
 - DEPARTMENT OF TRANSPORT - PLANNING AND DESIGNING FOR RIDING IN WESTERN AUSTRALIA.
 - AUSTROADS PART 6A: PATHS FOR WALKING AND CYCLING.
 - MRWA SUPPLEMENT TO AUSTROADS GUIDE TO ROAD DESIGN - PART 6A - PATHS FOR WALKING AND CYCLING.
- EXPANSION JOINTS SHALL BE PROVIDED WHERE PATH ABUTS EXISTING CROSSOVERS.
- EXPANSION JOINTS IN KERB AND PATHWAY MUST ALIGN WHERE BOTH ARE PRESENT.
- BLACK TACTILES SHALL BE USED ON GREY CONCRETE PATHS. YELLOW TACTILES SHALL BE USED ON BLACK ASPHALT SURFACES. TACTILES INSTALLED ON ANY OTHER SURFACE SHALL BE OF A SHADE THAT CONTRASTS WITH THAT SURFACE, IN A WAY THAT IS NOTICABLE TO COLOURBLIND PEOPLE.
- SPRAYCRETE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. SPRAYCRETE SHALL BE RED, WITH A STRETCHER "BRICK" BOND PATTERN.
- PATH WIDTHS SHALL COMPLY WITH THE CITY OF GREATER Geraldton'S - ROAD AND SHARED PATHWAY HIERARCHY.
- SHARED PATHWAYS SHALL GENERALLY BE DESIGNED IN ACCORDANCE WITH:
 - AUSTROADS PART 6A: PATHS FOR WALKING AND CYCLING.
 ANY VARIATION FROM THIS GUIDE SHALL BE REFERRED TO CITY OF GREATER Geraldton ENGINEERING TEAM FOR APPROVAL.
- CONTRACTOR/CONSULTANT SHALL OBTAIN ALL RELATED INFORMATION FROM "BEFORE YOU DIG AUSTRALIA (BYDA)" PRIOR TO COMMENCING ANY DESIGN OR CONSTRUCTION WORKS, AND ENSURE ANY POTENTIAL CLASHES ARE ADEQUATELY DEALT WITH.
- CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32MPa.
- CONCRETE FINISH TO BE A NON-SLIP SURFACE.
- EDGES/SIDES OF CONCRETE SHALL BE BACKFILLED AFTER SEVEN DAYS TO ALLOW FOR PROPER CURING. NO VEHICULAR MOVEMENT OVER CONCRETE TO BE ALLOWED WITHIN THIS TIME PERIOD.

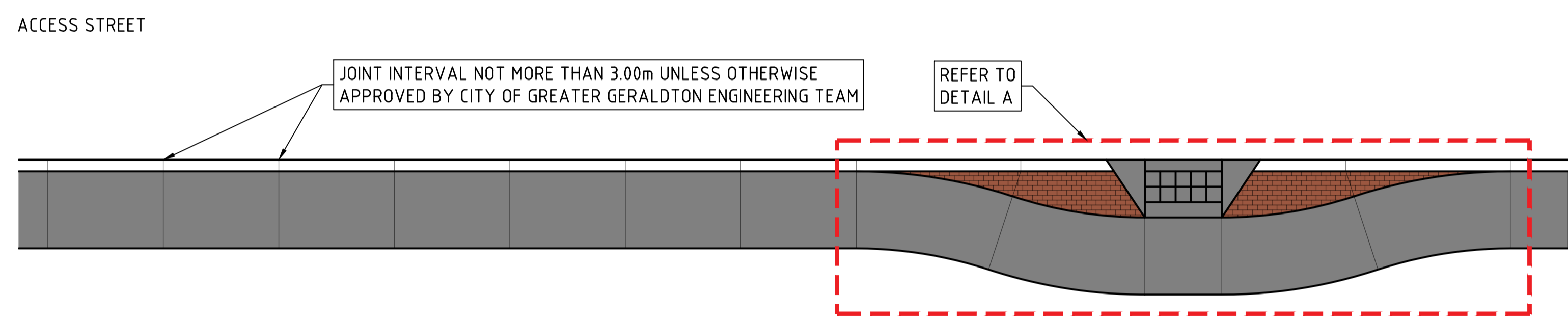
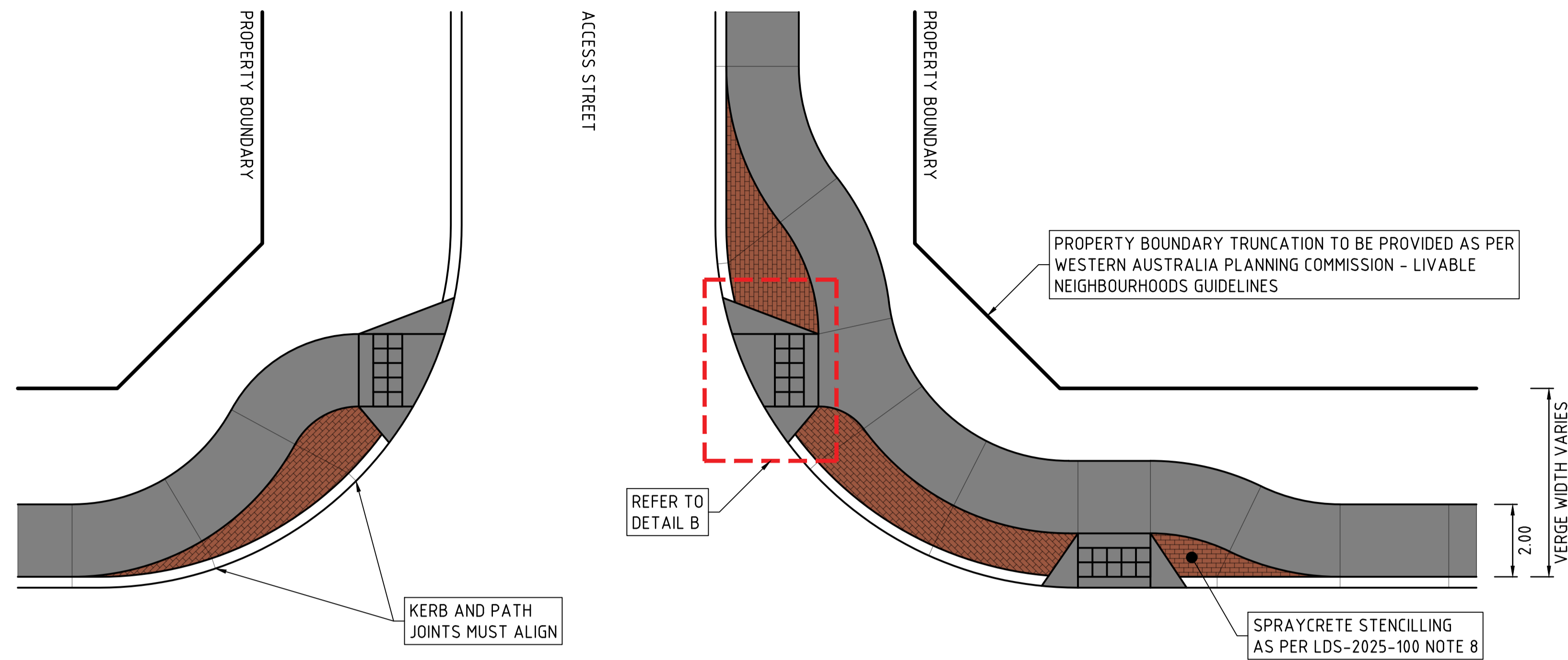
AMENDMENTS	NO.	DESCRIPTION	APPROVED BY	DATE
	0	APPROVED - ISSUED FOR USE	CE	28/11/2025
	C	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	BD	28/11/2025
	B	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	N/A	N/A
	A	CONCEPT - ISSUED FOR APPROVAL	N/A	N/A



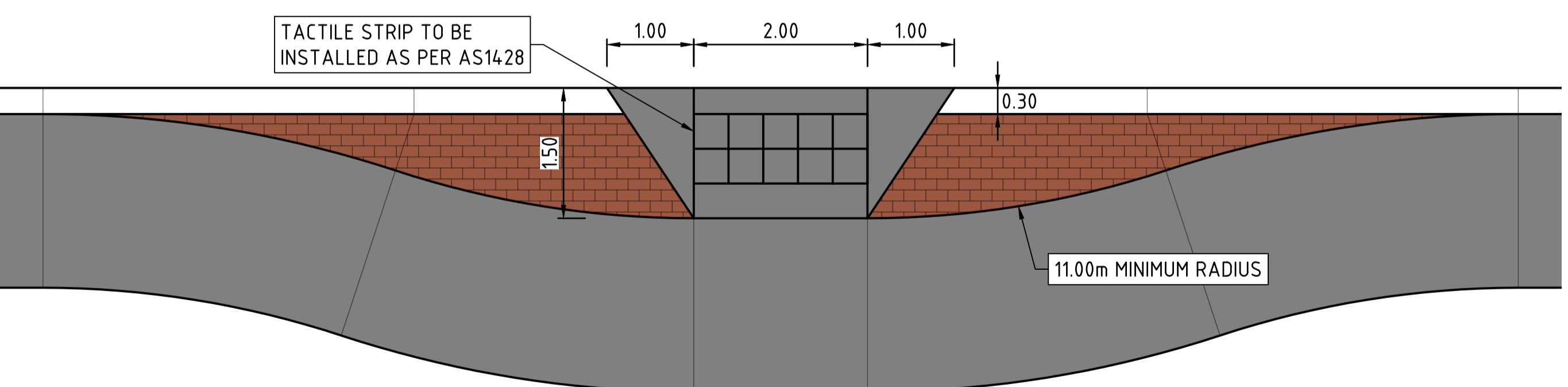
MANAGER PROJECT DELIVERY & ENGINEERING	CE	DATE: 28/11/25
PRINCIPAL ENGINEER	BD	DATE: 28/11/25
COORD:	TP	DATE: 11/10/25
DSN:	VH	DATE: 22/10/25

PROJECT TITLE:	LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS	
DRAWING TITLE:	CONCRETE PATHWAY - LOCAL AND DISTRIBUTOR ROADS	
PROJECT NUMBER:	LDS-2025	
SHEET NUMBER:	100	

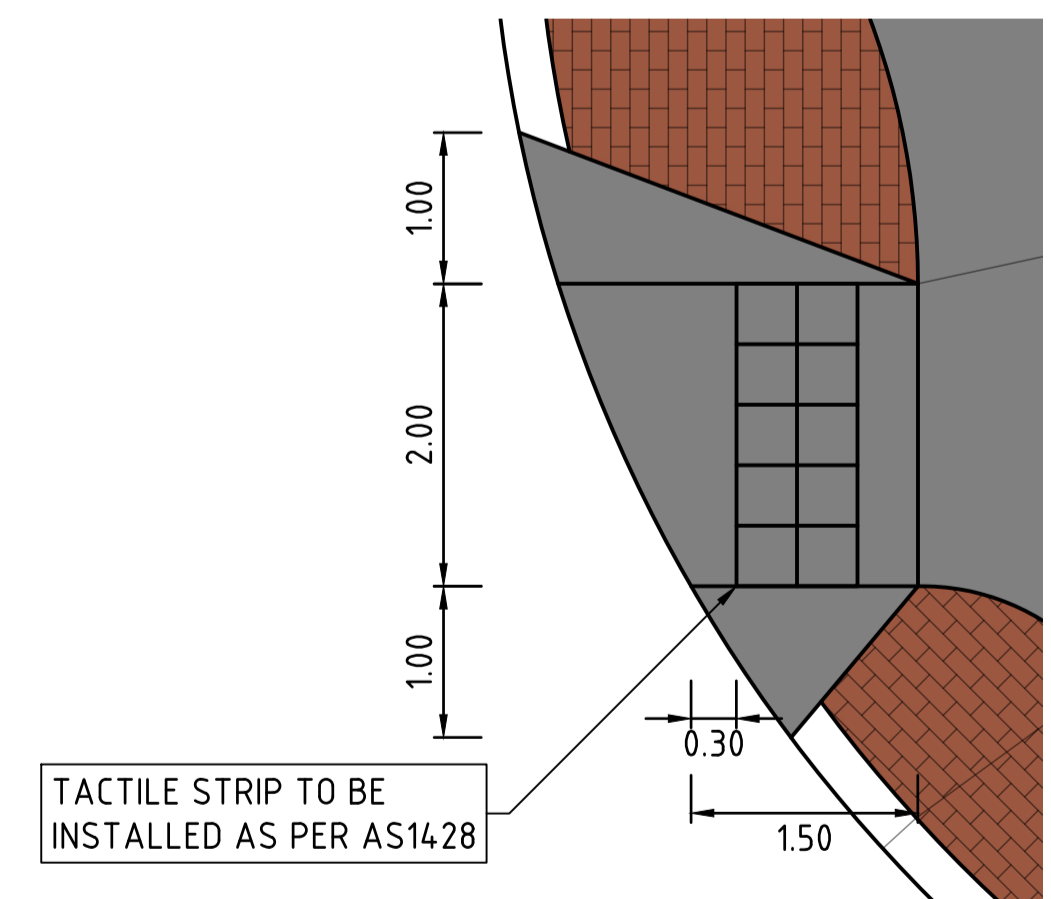
PAPER SIZE:	A1
SCALE:	AS SHOWN
SURVEYED BY:	N/A
DATE SURVEYED:	N/A
DATUM:	H N/A V N/A
REVISION NUMBER:	0



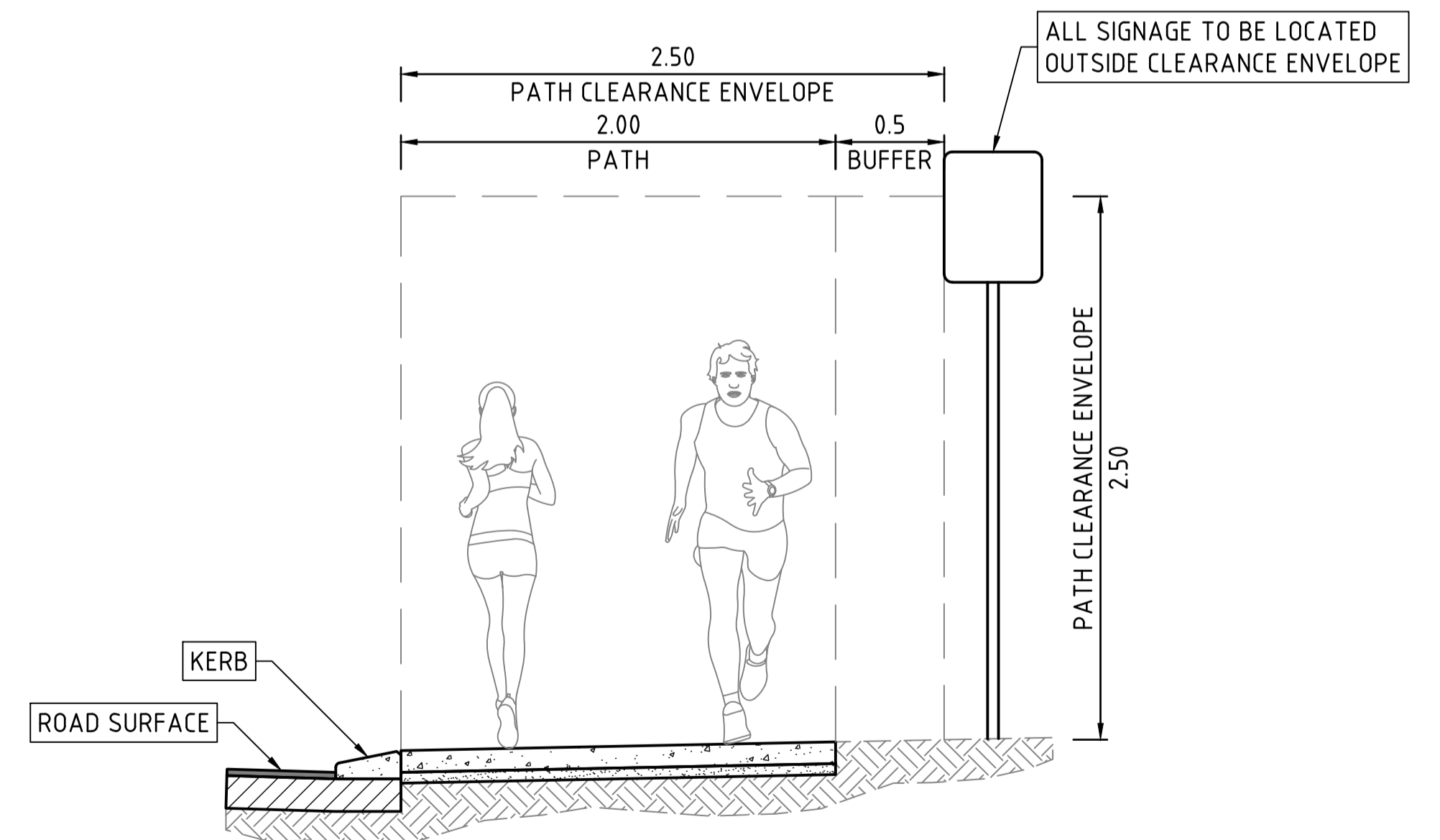
**ACCESS STREET
TYPICAL INTERSECTION LAYOUT**
N.T.S.



DETAIL A
N.T.S.



DETAIL B
N.T.S.



TYPICAL PATH SECTION
N.T.S.

NOTES

- REFER TO CITY OF GREATER GERALDTON - LAND DEVELOPMENT SUPPLEMENT - STANDARD DRAWINGS - LDS-2025-100 FOR STANDARD NOTES.

AMENDMENTS NO.	DESCRIPTION	APPROVED BY	DATE
0	APPROVED - ISSUED FOR USE	CE	28/11/2025
C	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	BD	28/11/2025
B	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	N/A	N/A
A	CONCEPT - ISSUED FOR APPROVAL	N/A	N/A

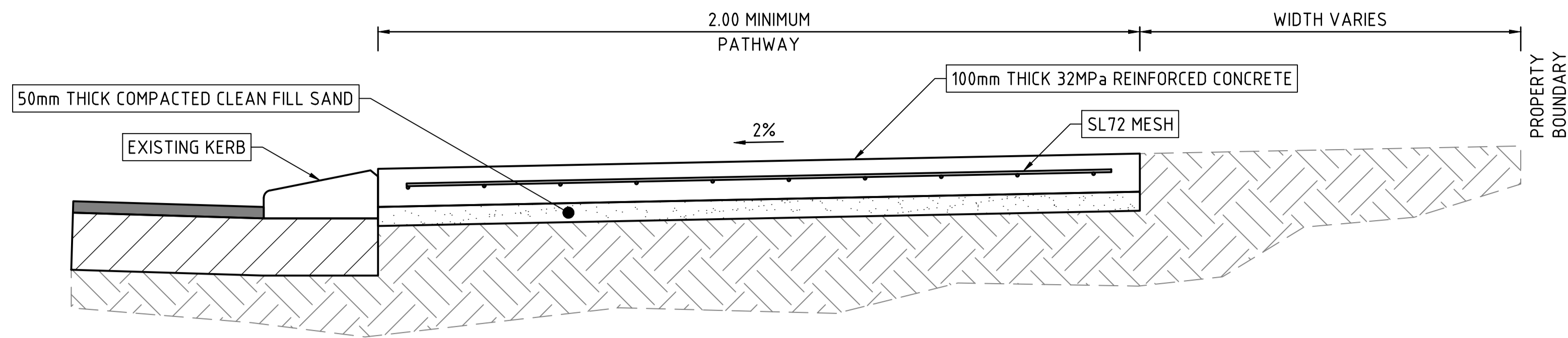


MANAGER PROJECT DELIVERY & ENGINEERING	CE	DATE: 28/11/25
PRINCIPAL ENGINEER	BD	DATE: 28/11/25
COORD:	TP	DATE: 11/10/25
DSN:	VH	DATE: 22/10/25

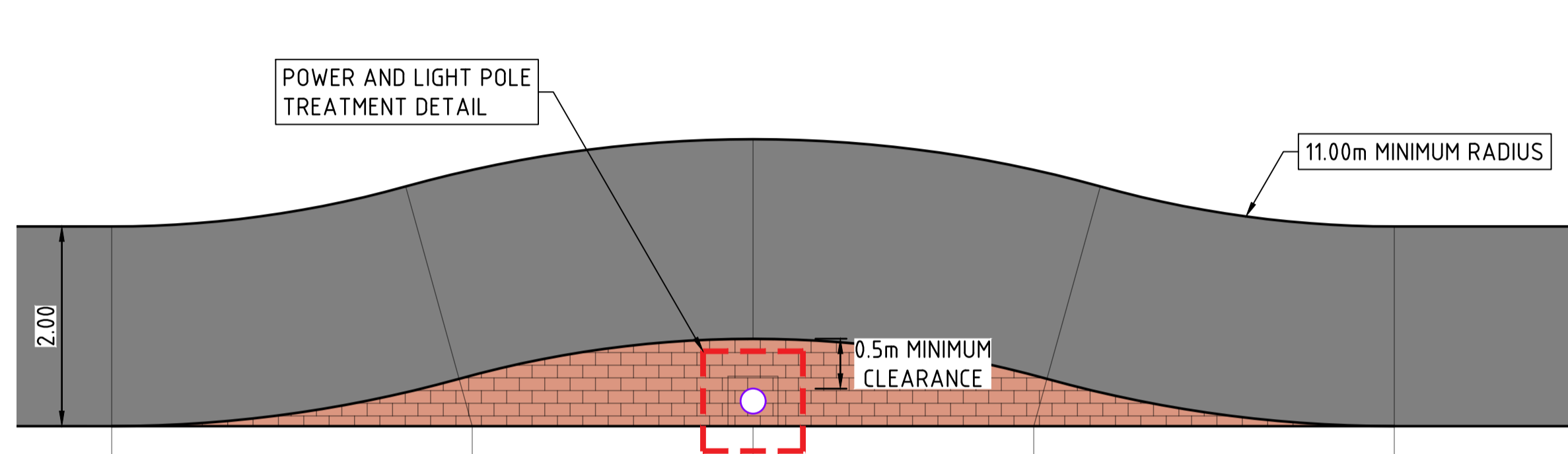
PROJECT TITLE:	LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS
DRAWING TITLE:	CONCRETE PATHWAY - ACCESS STREET
PROJECT NUMBER:	LDS-2025

LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS	
SHEET NUMBER:	110

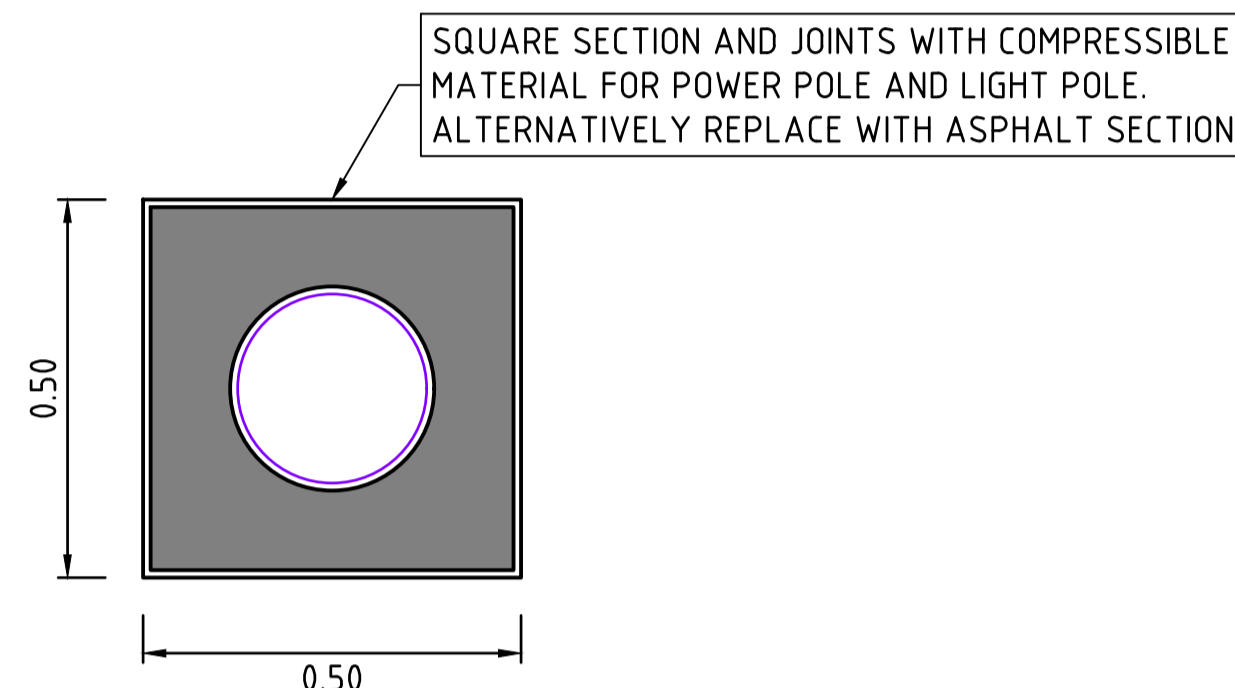
PAPER SIZE:	A1
SCALE:	AS SHOWN
SURVEYED BY:	N/A
DATE SURVEYED:	N/A
DATUM:	H N/A V N/A
REVISION NUMBER:	0



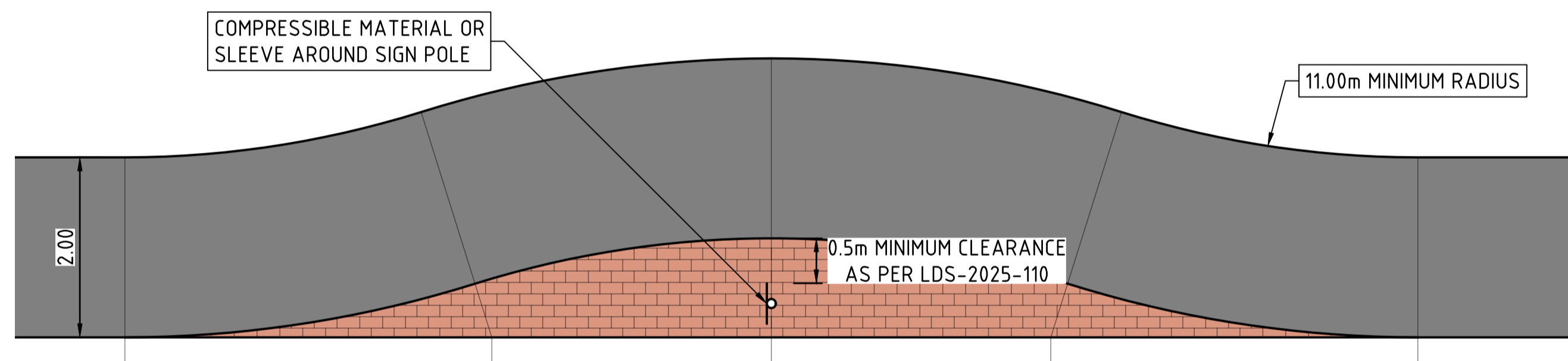
CONCRETE PATHWAY - TYPICAL SECTION
N.T.S.



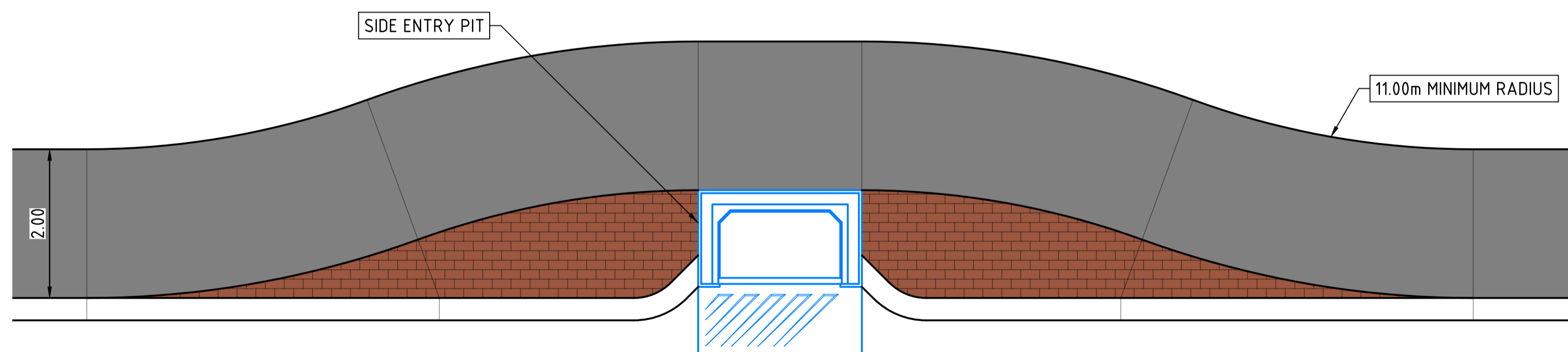
TYPICAL TREATMENT AROUND POWER POLE AND LIGHT POLE
N.T.S.



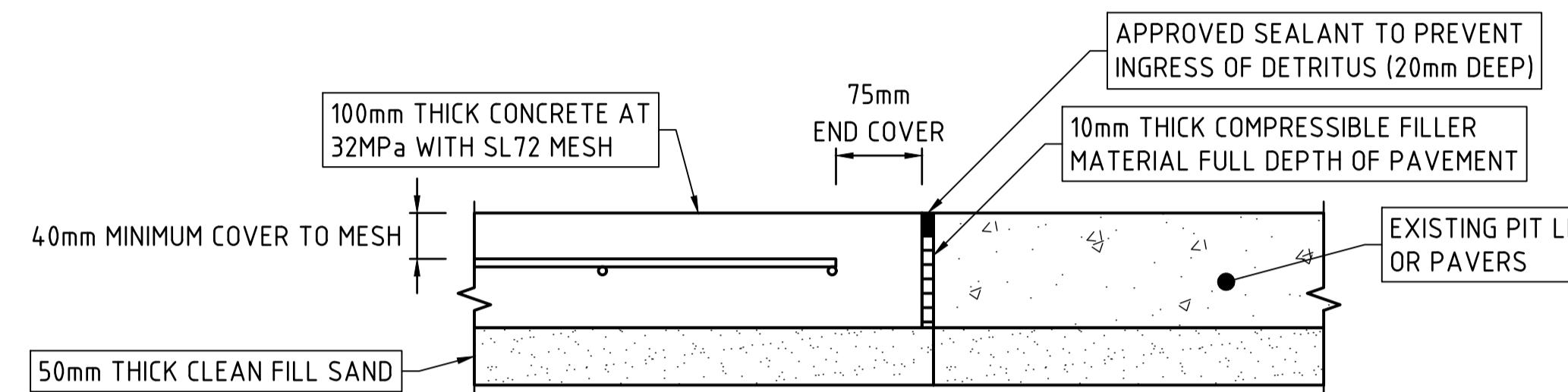
POWER POLE AND LIGHT POLE - TREATMENT DETAIL
N.T.S.



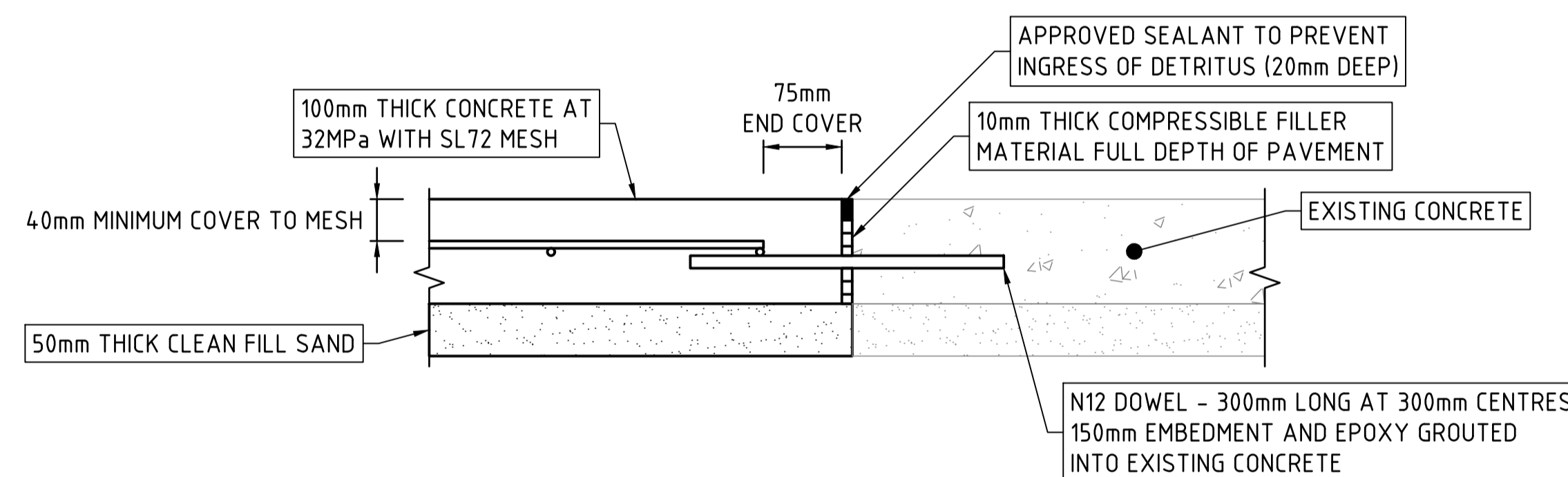
TYPICAL TREATMENT AROUND POWER POLE AND LIGHT POLE
N.T.S.



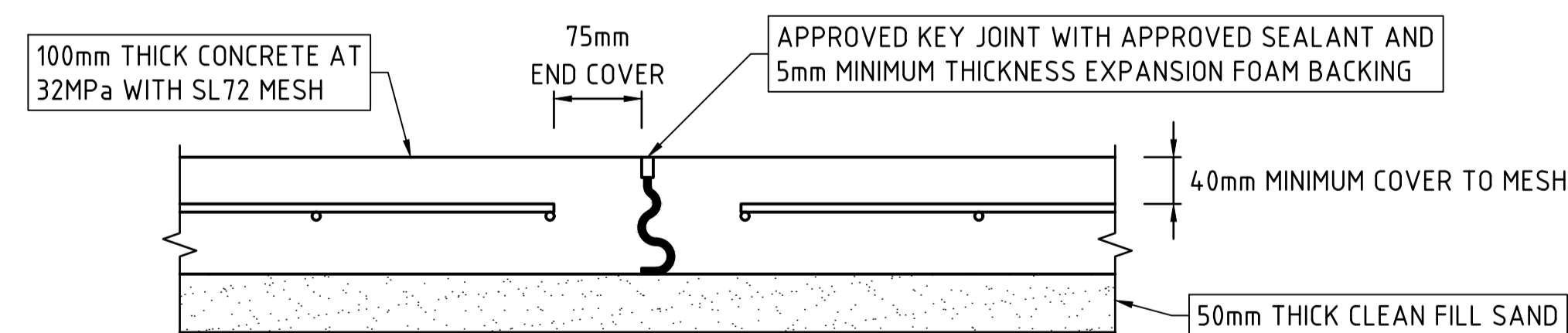
TYPICAL TREATMENT AROUND SIDE ENTRY PIT
N.T.S.



ISOLATION JOINT (IJ) DETAIL (100mm THICK)
ISOLATION JOINT TO BE PROVIDED BETWEEN
NEW AND EXISTING CONCRETE PIT LIDS OR PAVERS
N.T.S.



KEYED CONSTRUCTION JOINT (KCJ) DETAIL (100mm THICK)
KEY CONSTRUCTION JOINT TO BE PROVIDED BETWEEN
ALL ABUTTING NEW AND EXISTING CONCRETE WORKS
N.T.S.



KEY JOINT (KJ) DETAIL (100mm THICK)
MAXIMUM 3.00m SPACING
N.T.S.

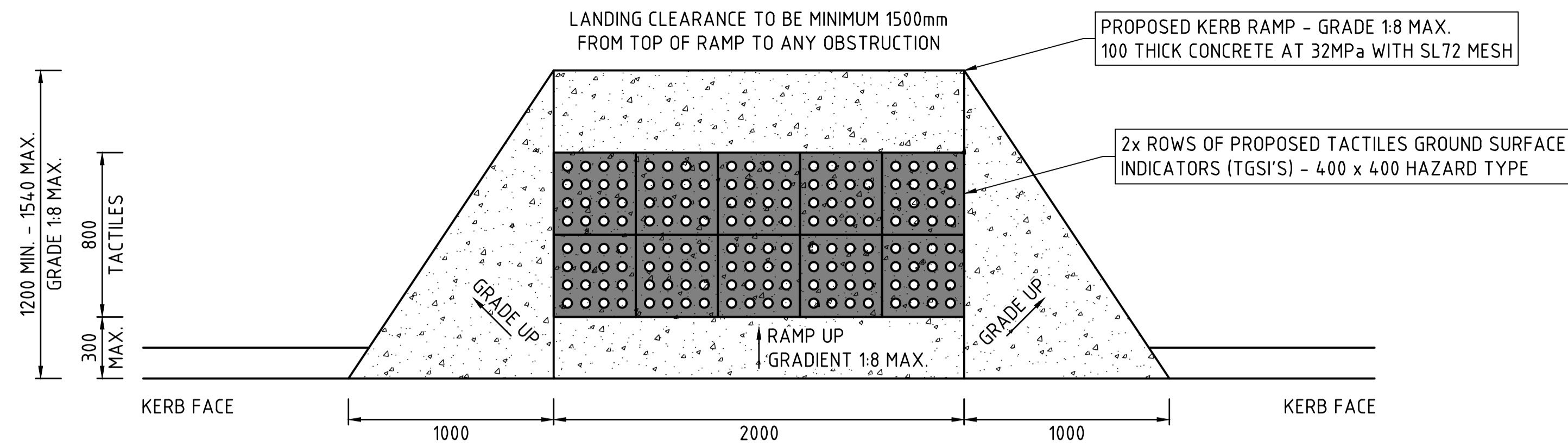
AMENDMENTS	NO.	DESCRIPTION	APPROVED BY	DATE
	0	APPROVED - ISSUED FOR USE	CE	28/11/2025
	C	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	BD	28/11/2025
	B	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	N/A	N/A
	A	CONCEPT - ISSUED FOR APPROVAL	N/A	N/A



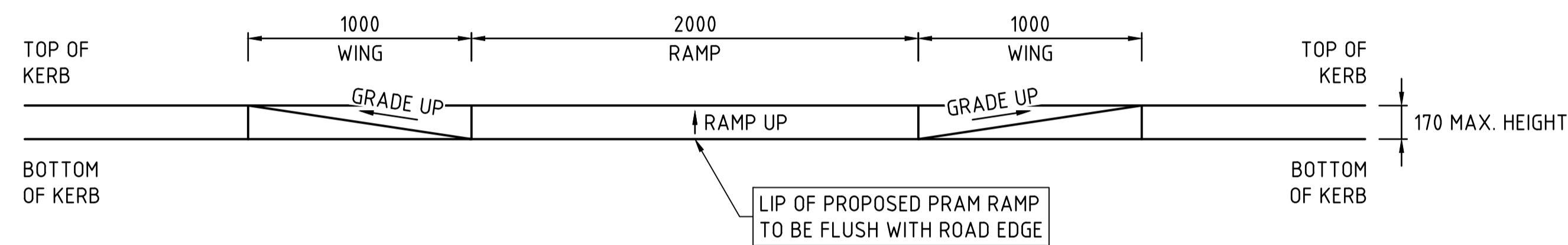
MANAGER PROJECT DELIVERY & ENGINEERING	CE	DATE: 28/11/25
PRINCIPAL ENGINEER	BD	DATE: 28/11/25
	COORD: TP	DATE: 11/10/25
	DSN: VH	DATE: 22/10/25

PROJECT TITLE:	LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS	
DRAWING TITLE:	CONCRETE PATHWAY - DETAILS (1 OF 2)	
PROJECT NUMBER:	LDS-2025	SHEET NUMBER: 120

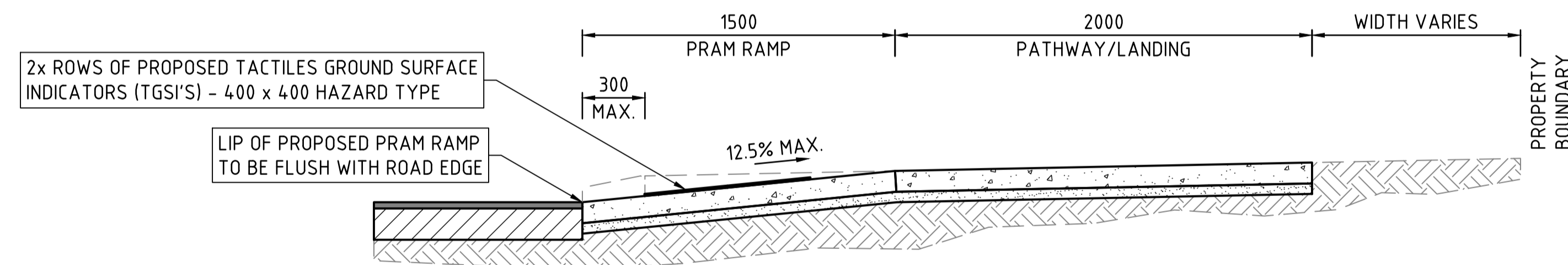
PAPER SIZE:	A1
SCALE:	AS SHOWN
SURVEYED BY:	N/A
DATE SURVEYED:	N/A
DATUM:	H N/A V N/A
REVISION NUMBER:	0



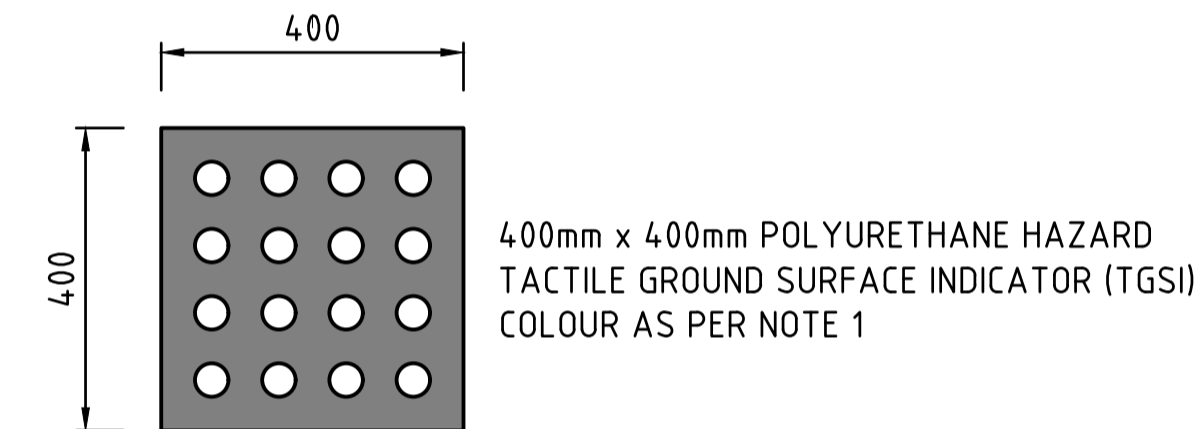
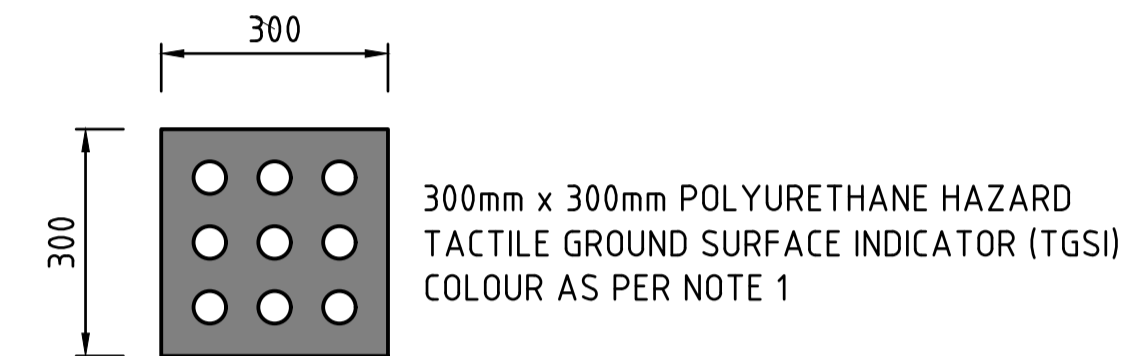
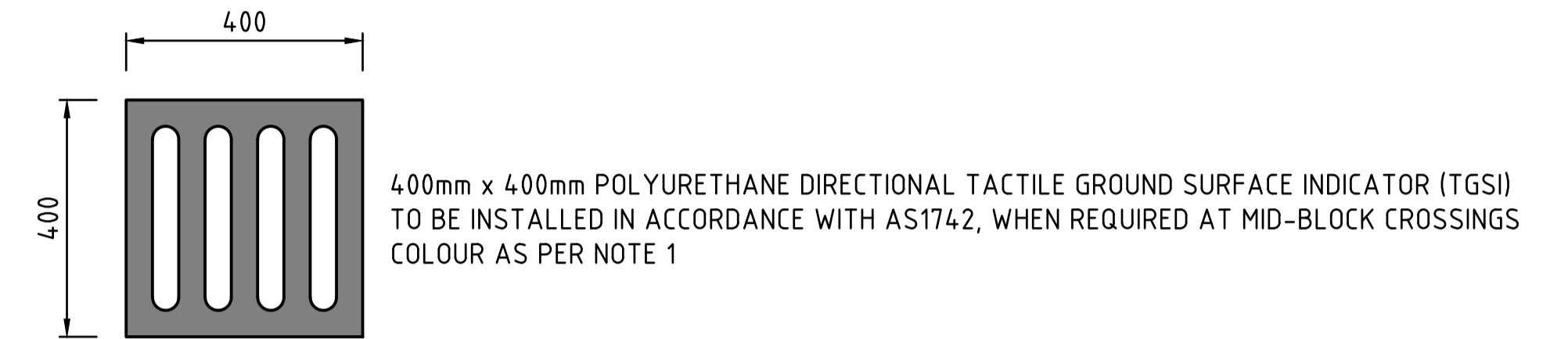
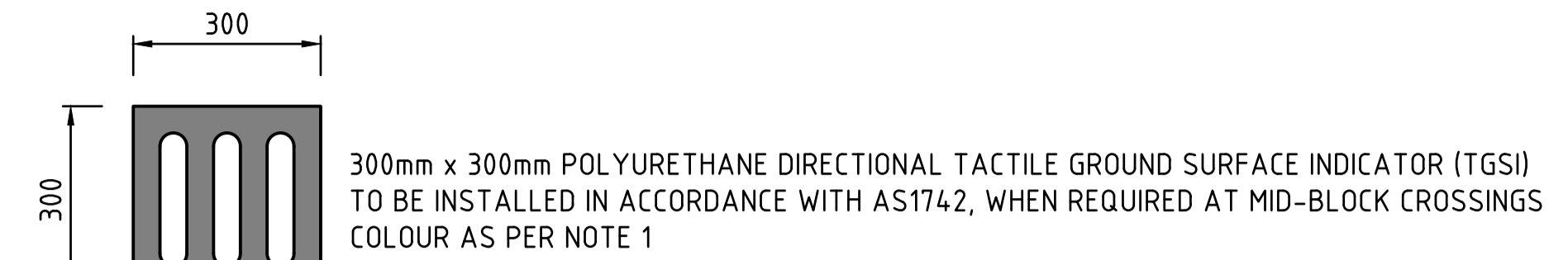
PRAM RAMP - TYPICAL DETAIL
N.T.S.



PRAM RAMP - TYPICAL PROFILE (FACE)
N.T.S.



PRAM RAMP - TYPICAL PROFILE (SECTION)
N.T.S.



TACTILE GROUND SURFACE INDICATOR (TGSII) DETAILS
N.T.S.

NOTES

- TACTILE GROUND SURFACE INDICATOR (TGSII) SHALL BE THE FOLLOWING COLOURS:
 - BLACK - FOR STANDARD GREY CONCRETE SURFACES.
 - YELLOW - FOR ASPHALT SURFACES.
 - TERRACOTA - FOR BUS STOPS.
 - OTHER SURFACES - MUST HAVE A 30% LUMINANCE CONTRAST WITH APPLIED SURFACE.

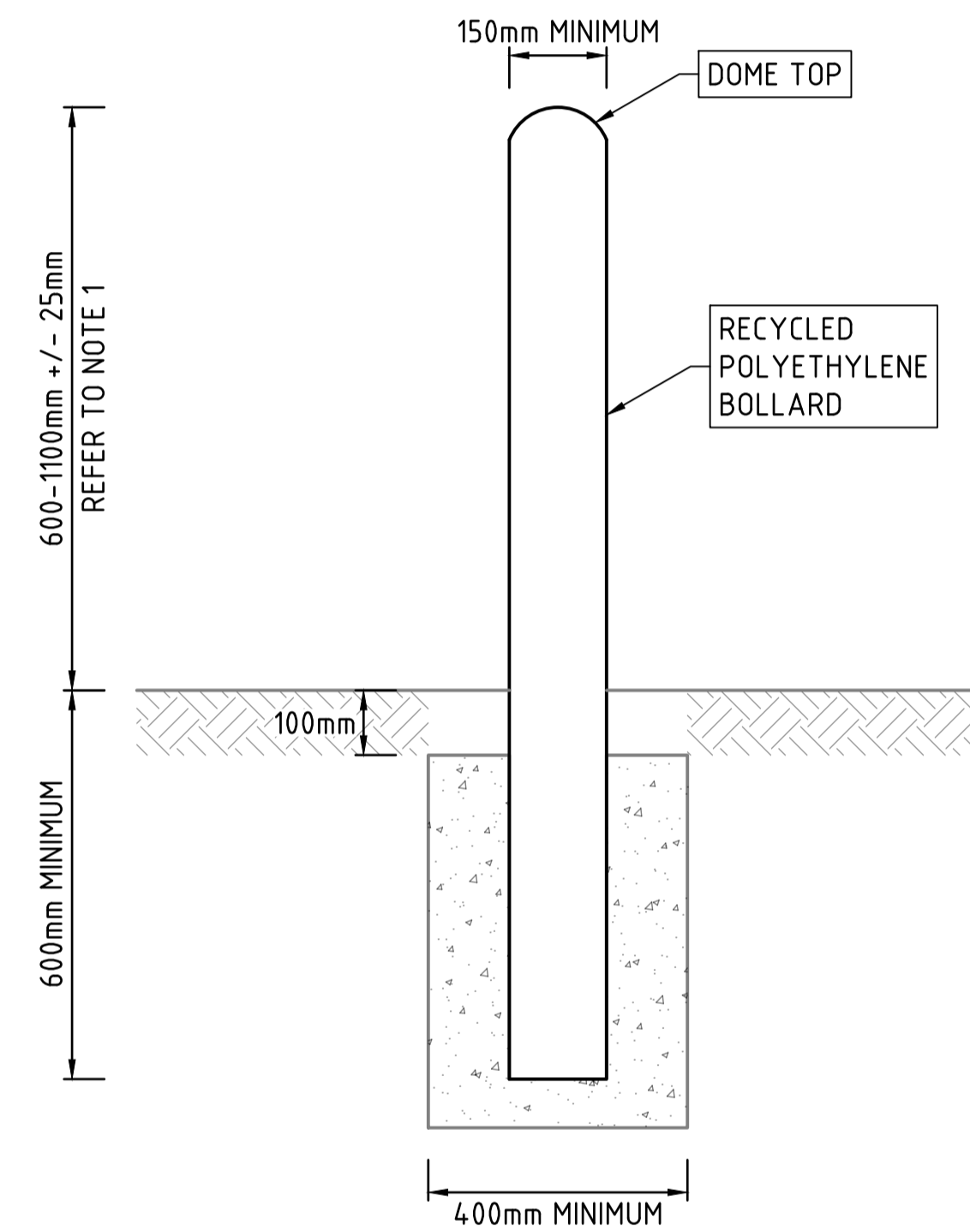
AMENDMENTS NO.	DESCRIPTION	APPROVED BY	DATE
0	APPROVED - ISSUED FOR USE	CE	28/11/2025
C	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	BD	28/11/2025
B	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	N/A	N/A
A	CONCEPT - ISSUED FOR APPROVAL	N/A	N/A



MANAGER PROJECT DELIVERY & ENGINEERING	CE	DATE: 28/11/25
PRINCIPAL ENGINEER	BD	DATE: 28/11/25
	COORD: TP	DATE: 11/10/25
	DSN: VH	DATE: 22/10/25

PROJECT TITLE:	LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS	
DRAWING TITLE:	CONCRETE PATHWAY - DETAILS (2 OF 2)	
PROJECT NUMBER:	LDS-2025	SHEET NUMBER: 130

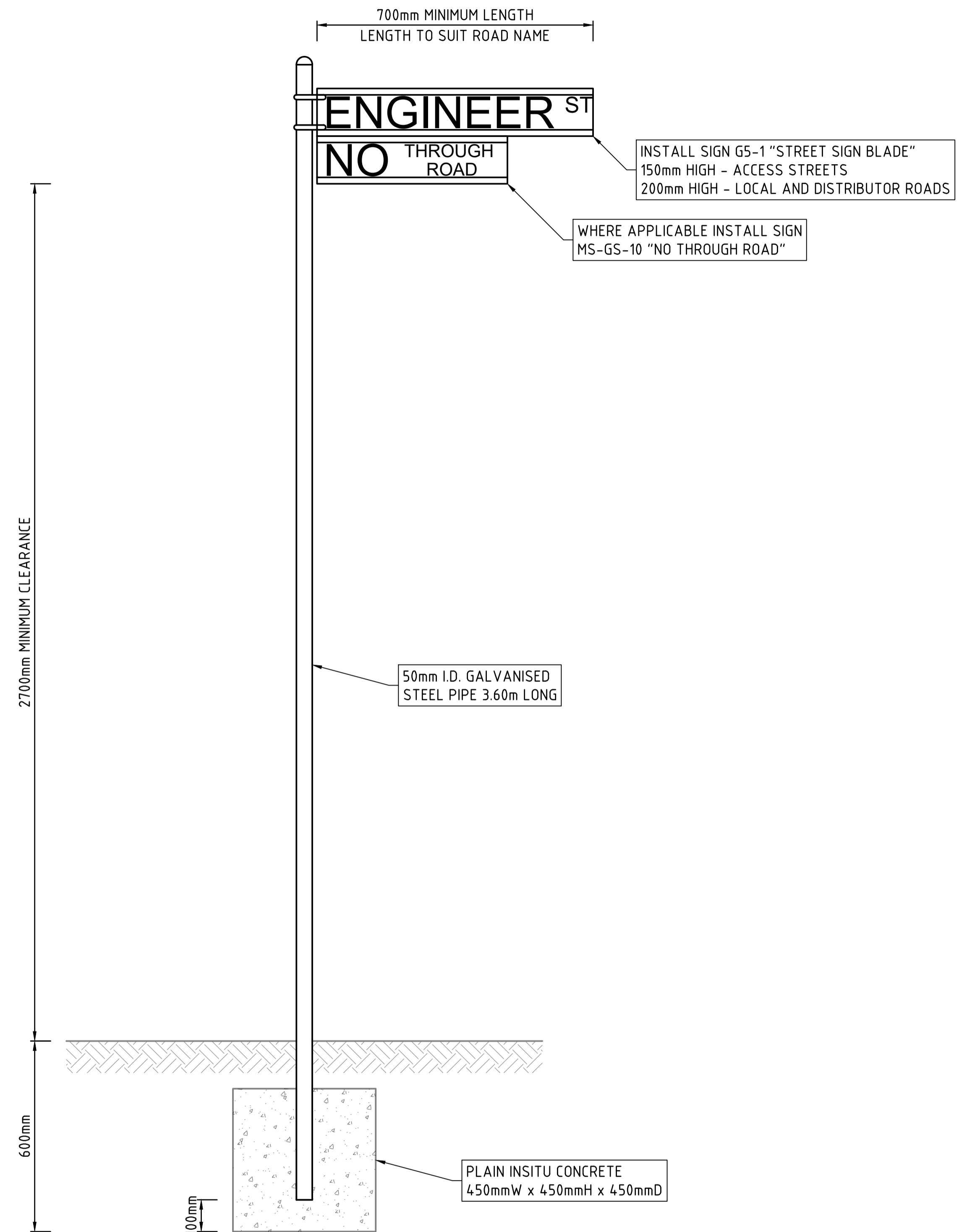
PAPER SIZE:	A1
SCALE:	AS SHOWN
SURVEYED BY:	N/A
DATE SURVEYED:	N/A
DATUM:	H N/A V N/A
REVISION NUMBER:	0



POLYETHYLENE BOLLARD DETAIL
N.T.S.

NOTES

1. WHERE APPLICABLE, RAILS SHALL BE SECURELY INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
2. WHERE RAILS ARE REQUIRED, POSTS SHALL NOT EXCEED 2.4 METRE SPACINGS.
3. WHERE ONLY BOLLARDS ARE REQUIRED, POST SPACINGS SHALL NOT EXCEED 1.5 METRES CENTRE-TO-CENTRE (THIS IS TO IMPEDE VEHICLE ACCESS).
4. POST TOPS AND RAIL ENDS SHALL BE FINISHED WITH A ROUNDED PROFILE, TOP TO BE SET LEVEL.
5. ALL PROPOSED INSTALLATIONS SHALL BE SUBMITTED TO CITY OF GREATER GERALDTON, FOR PRIOR WRITTEN APPROVAL.
6. ALL LOOSE SOIL IS TO BE REMOVED FROM EXCAVATION PRIOR TO CONCRETE BEING ADDED OR AS PER SUPERINTENDENTS INSTRUCTIONS.
7. FOOTINGS TO BE FILLED WITH MACHINE MIXED CONCRETE.



STANDARD STREET SIGN DETAIL
N.T.S.

NOTES

1. SIGN SHALL BE LOCATED ON 2.70m ALIGNMENT UNLESS OTHERWISE NOTED.

AMENDMENTS	NO.	DESCRIPTION	APPROVED BY	DATE
	0	APPROVED - ISSUED FOR USE	CE	28/11/2025
	C	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	BD	28/11/2025
	B	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	N/A	N/A
	A	CONCEPT - ISSUED FOR APPROVAL	N/A	N/A



MANAGER PROJECT DELIVERY & ENGINEERING	CE	DATE:	28/11/25	
PRINCIPAL ENGINEER	BD	DATE:	28/11/25	
	COORD:	TP	DATE:	11/10/25
	DSN:	VH	DATE:	22/10/25

PROJECT TITLE:	LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS		
DRAWING TITLE:	STREET FURNITURE		
PROJECT NUMBER:	LDS-2025	SHEET NUMBER:	200

PAPER SIZE:	A1
SCALE:	AS SHOWN
SURVEYED BY:	N/A
DATE SURVEYED:	N/A
DATUM:	H N/A V N/A
REVISION NUMBER:	0

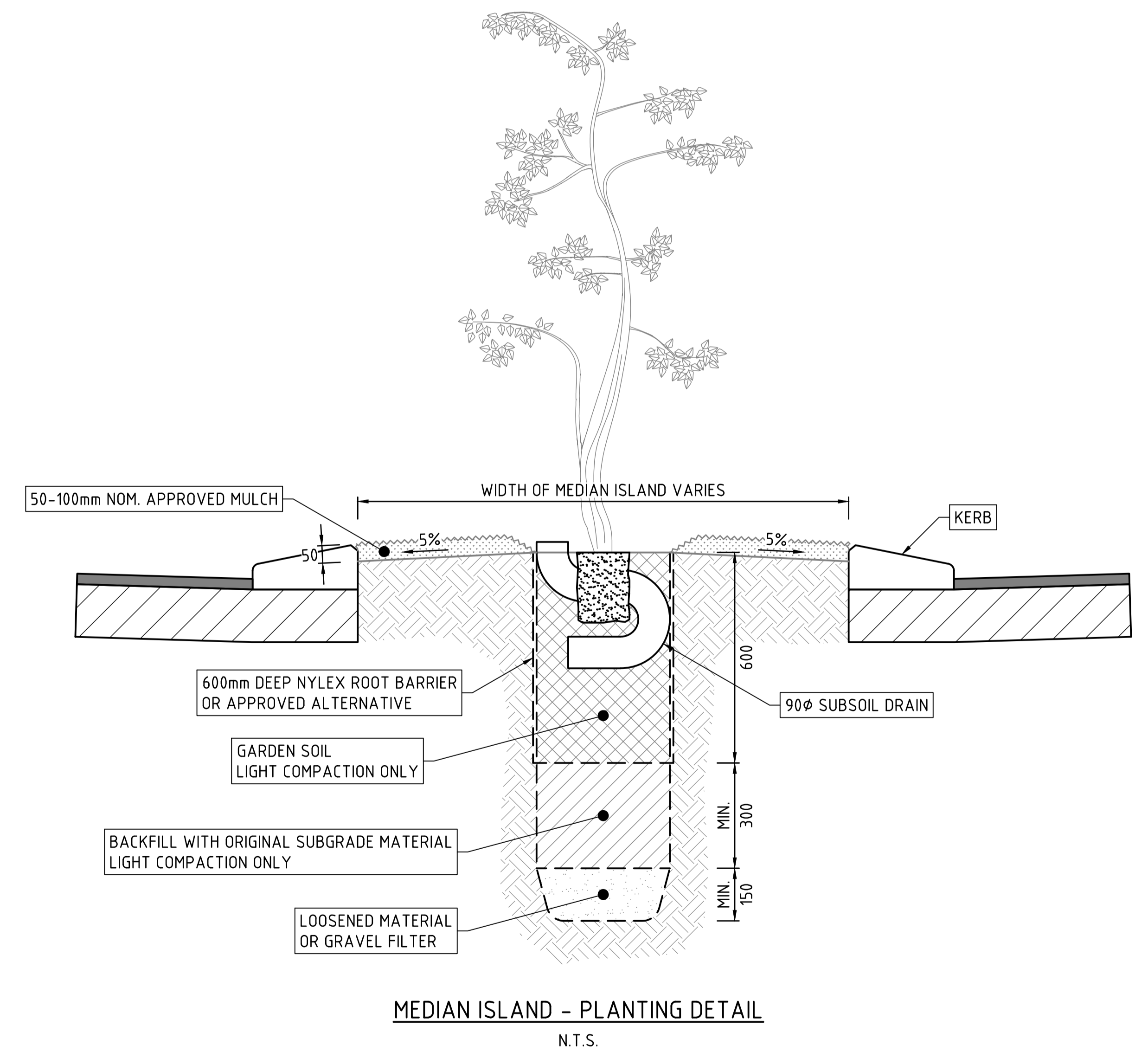
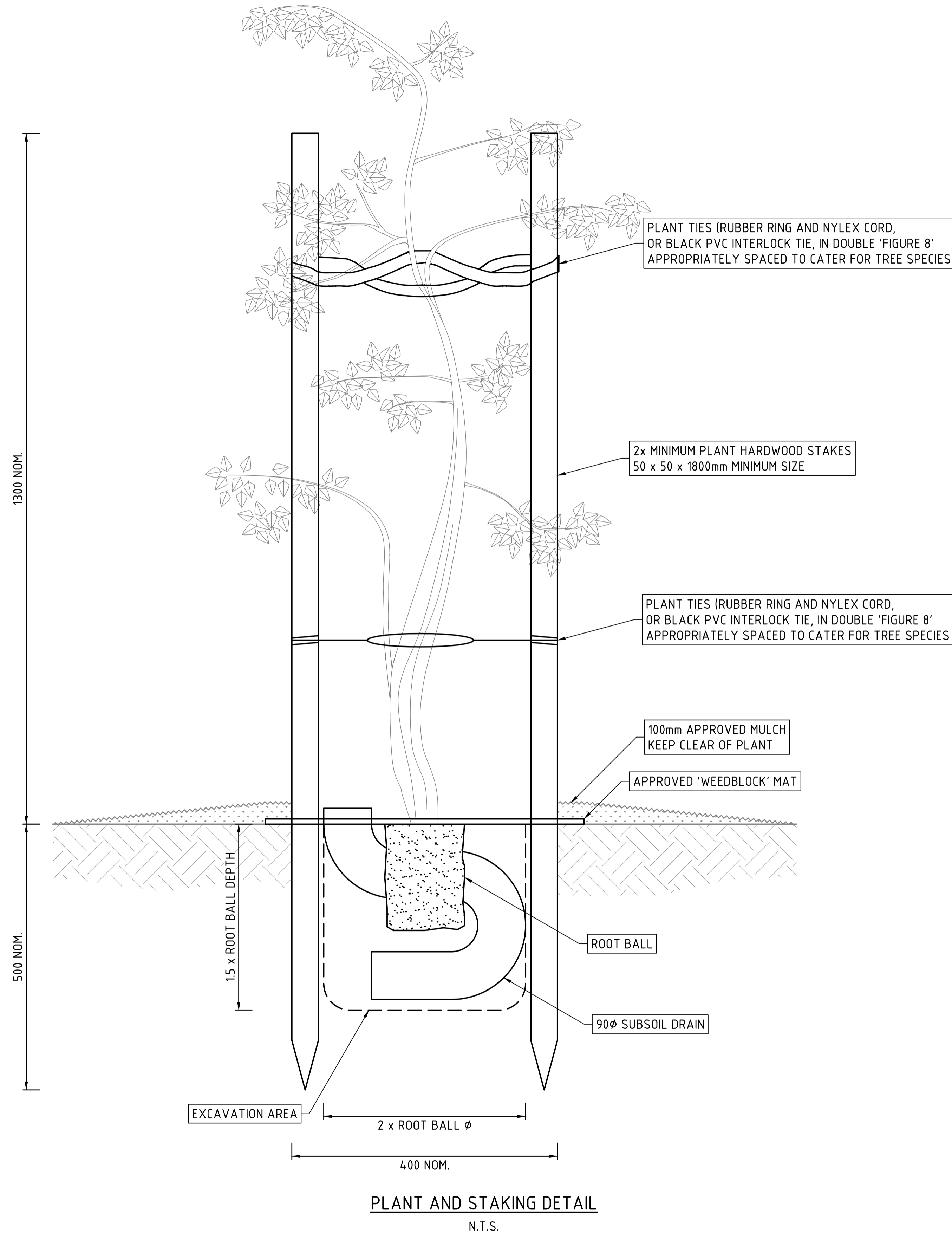
NOTES

1. PLANT SPECIES TO BE APPROVED BY THE CITY OF GREATER GERALDTON.

MEDIAN ISLAND PLANTING AS PER DRAWINGS AND NOTES BELOW:

- PROVIDE HOLE 3 TO 4 TIMES THE SIZE OF PLANT CONTAINER.
- BASE MATERIAL OF HOLE SHALL EITHER BE LOOSENED TO A MINIMUM DEPTH OF 150mm, OR BACKFILLED WITH A MINIMUM DEPTH OF 150mm GRAVEL FILTER MATERIAL.
- BACKFILL WITH ORIGINAL SUBGRADE MATERIAL, LIGHT COMPACTION ONLY.
- INSTALL 600mm DEEP NYLEX ROOT BARRIER.
- BACKFILL WITH APPROVED GARDEN SOIL TO 70mm BELOW ROOT BALL LEVEL.
- PRIOR TO PLANTING PLACE 5 LITRES OF WATER INTO HOLE AND ALLOW TO SOAK AWAY.
- ADD ADDITIONAL GARDEN SOIL MATERIAL TO ALLOW PLACEMENT OF UNDISTURBED ROOT BALL, ENSURE CROWN OF TREE IS AT CORRECT LEVEL AND BACKFILL TO HALF ROOT BALL HEIGHT.
- ADD AGRIFORM SLOW RELEASE 10 GRAM TABLETS OF NPK 20:4:3:4:1 ANALYSIS TO EACH TREE.
 - A. PROVIDE TWO TABLETS FOR TREES UP TO 500mm HIGH.
 - B. PROVIDE THREE TABLETS FOR TREE OVER 500mm HIGH.
 - C. PLACE TABLETS EQUIDISTANT AROUND TREE.
- COMPLETE BACKFILLING WITH APPROVED GARDEN SOIL, AVOID AIR POCKETS.
- FORM SAUCER SHAPED DEPRESSION AROUND BASE OF TREE AND WATER IMMEDIATELY.
- PLACE WEED CONTROL MAT
- FOLD EDGES OF MAT AND CREATE DOUBLE LAYER OUTER EDGES AND PIN WITH MINIMUM OF 4 GALVANISED PEGS PER EDGE.

2. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS SPECIFIED.



AMENDMENTS	NO.	DESCRIPTION	APPROVED BY	DATE
0	APPROVED - ISSUED FOR USE	CE	28/11/2025	
C	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	BD	28/11/2025	
B	CONCEPT - ISSUE FOR APPROVAL, MINOR REVISIONS CHANGED	N/A	N/A	
A	CONCEPT - ISSUED FOR APPROVAL	N/A	N/A	



MANAGER PROJECT DELIVERY & ENGINEERING	CE	DATE: 28/11/25
PRINCIPAL ENGINEER	BD	DATE: 28/11/25
	COORD:	TP DATE: 11/10/25
	DSN:	VH DATE: 22/10/25

PROJECT TITLE:	LAND DEVELOPMENT SUPPLEMENT STANDARD DRAWINGS	
DRAWING TITLE:	TREE PLANTING	
PROJECT NUMBER:	LDS-2025	SHEET NUMBER: 300

PAPER SIZE:	A1
SCALE:	AS SHOWN
SURVEYED BY:	N/A
DATE SURVEYED:	N/A
DATUM:	H N/A V N/A
REVISION NUMBER:	0