



May 2024

STANDARD DRAWINGS


wyndhamcity
city. coast. country

STANDARD DRAWING INDEX

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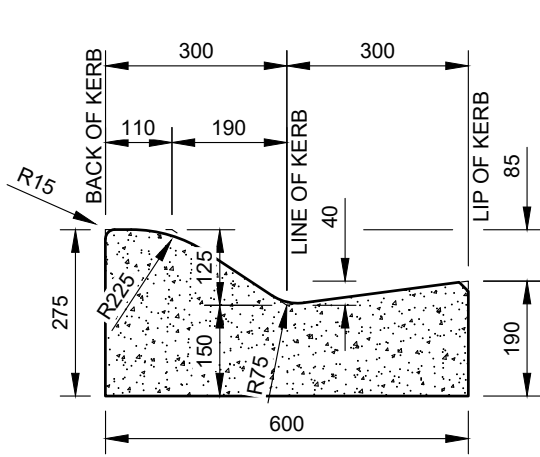
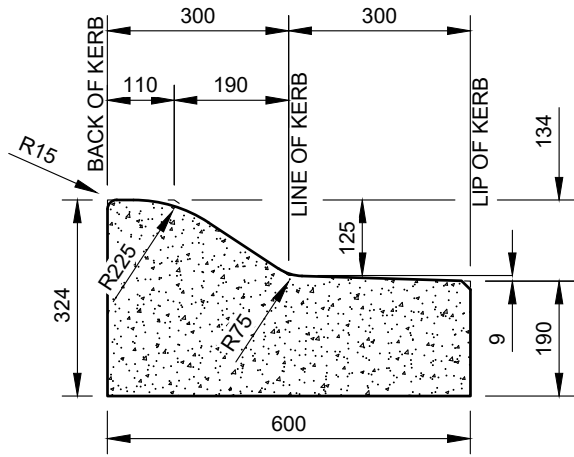
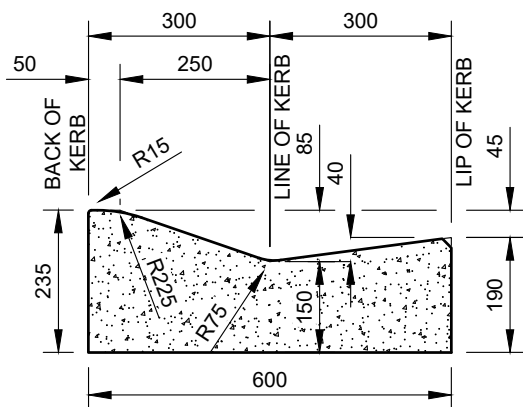
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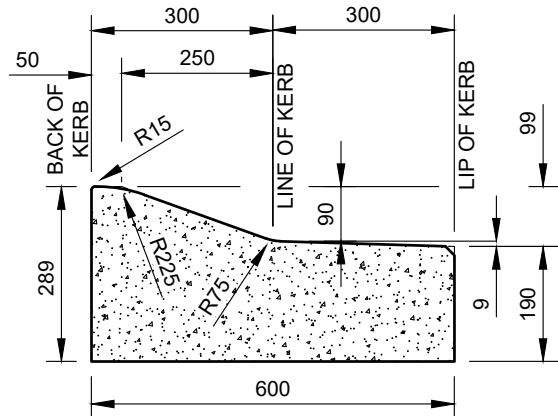
SD11-1	Typical Road Sign Locations And Street Name Plate Detail
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Drawing name: M:\Engineering Services\Engineering Design Projects\References\RESOURCE References\WCC Standard Drawings\SD1-1.dwg (28 May, 2024)

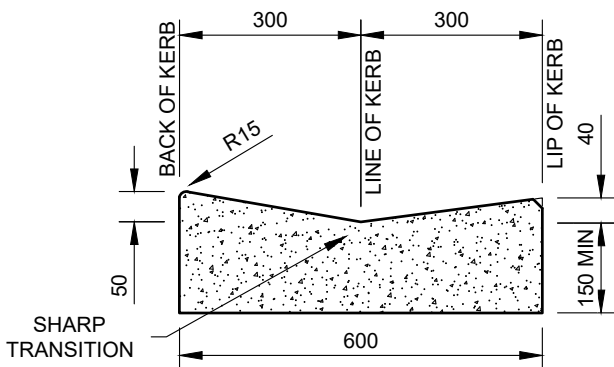
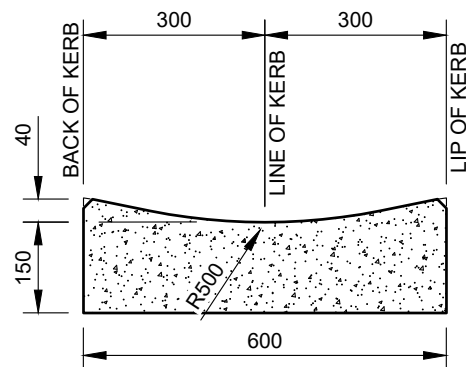
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CONDITIONS OF USE</div> <div>  <div> 45 PRINCES HIGHWAY
WERRIBEE, VIC 3030 </div> <div> TEL: 1300 023 411
wyndham.vic.gov.au </div> </div> </div> | CAD FILE: SD1-1.DWG |
| A | MINOR AMENDMENTS | | 19-06-07 | | DRAWN DATE: FEB 2024 |
| B | UPDATED TO REFLECT CURRENT STANDARDS | M.BRIGANDI | 21-05-24 | | REVISION: B |
| | | | | | DRAWING NO.:
SD1-1 |
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| GENERAL NOTES: <div> -DRAWINGS ARE NOT TO SCALE.
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**SM2****SM3****WSM2**

RESTRICTED USE ONLY
REFER TO SD1-1 NOTE 7

**WSM3**

RESTRICTED USE ONLY
REFER TO SD1-1 NOTE 7

**M2****INVERT CHANNEL****NOTES:**

1. CONCRETE SHALL BE NORMAL CLASS N25 COMPLYING WITH THE REQUIREMENTS OF AS. 1379. REFER TO WCC SPEC 703 FOR REQUIREMENTS OF CONCRETE TO BE USED IN EXTRUSION MACHINES.
2. WEAKENED PLANE JOINTS (WPJ) TO BE PLACED AT 2500mm CENTRES.
3. CHAMFERS ARE 15mm X 15mm UNLESS OTHERWISE SHOWN.
4. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		19-06-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

KERB PROFILES
SM2, SM3, WSM2, WSM3, M2, INVERT CHANNEL45 PRINCES HIGHWAY
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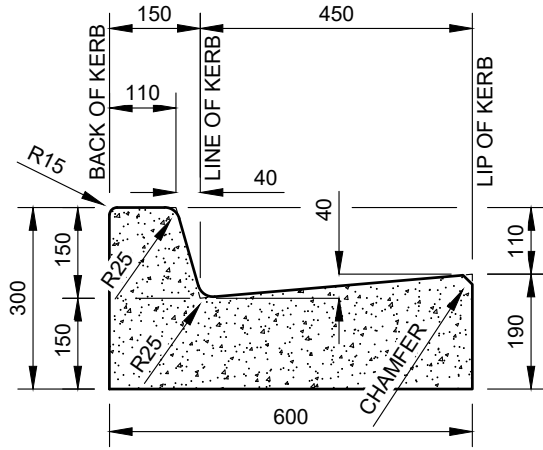
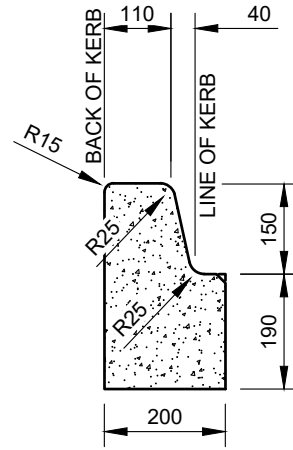
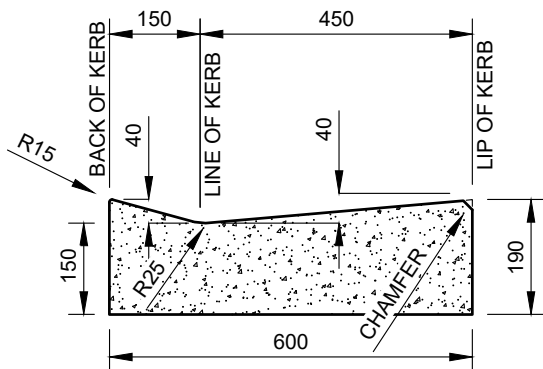
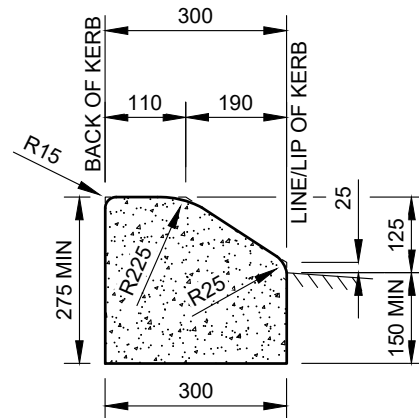
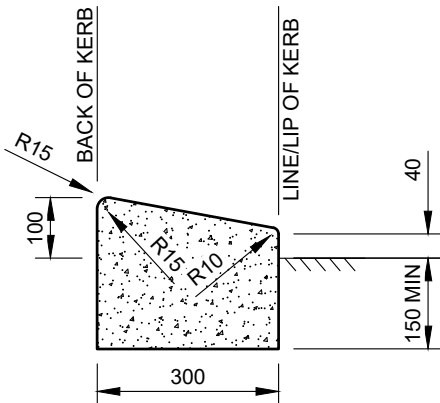
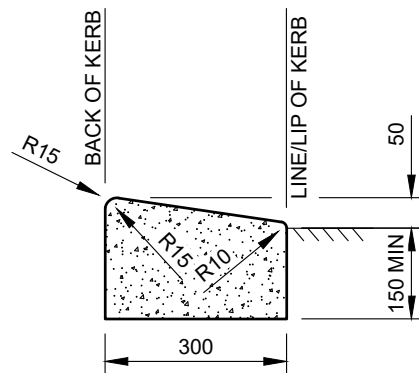
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SD1-2**GENERAL NOTES:**

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**WB2****B1****MWB2**WYNDHAM CITY COUNCIL'S
MODIFIED BARRIER KERB**SM1****M4****M1**

NOTES:

1. CONCRETE SHALL BE NORMAL CLASS N25 COMPLYING WITH THE REQUIREMENTS OF AS. 1379. REFER TO WCC SPEC 703 FOR REQUIREMENTS OF CONCRETE TO BE USED IN EXTRUSION MACHINES.
2. WEAKENED PLANE JOINTS (WPJ) TO BE PLACED AT 2500mm CENTRES.
3. CHAMFERS ARE 15mm X 15mm UNLESS OTHERWISE SHOWN.
4. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		19-06-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

KERB PROFILES
WB2, B1, MWB2, SM1, M4, M145 PRINCES HIGHWAY
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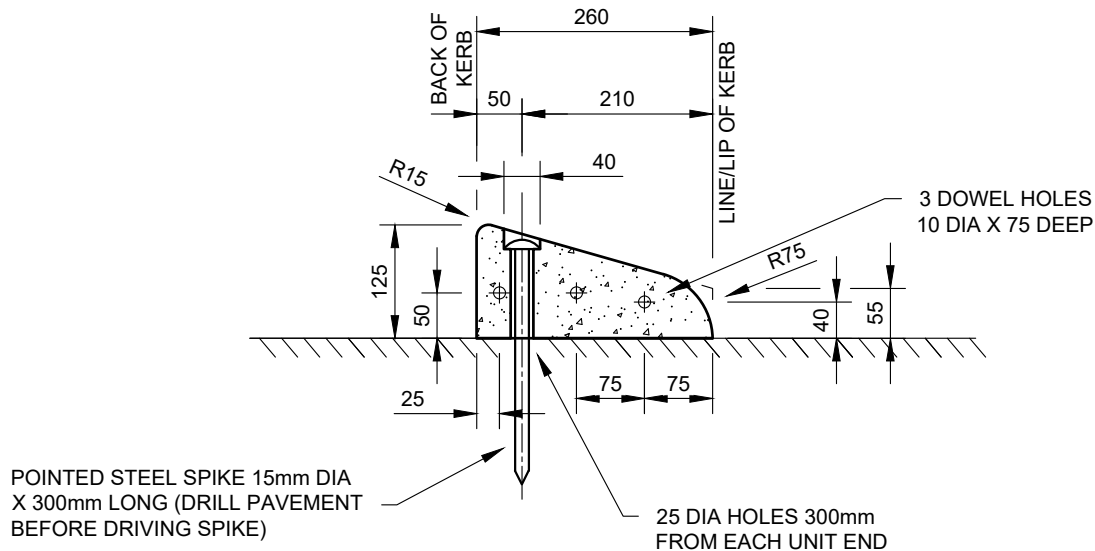
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SD1-3

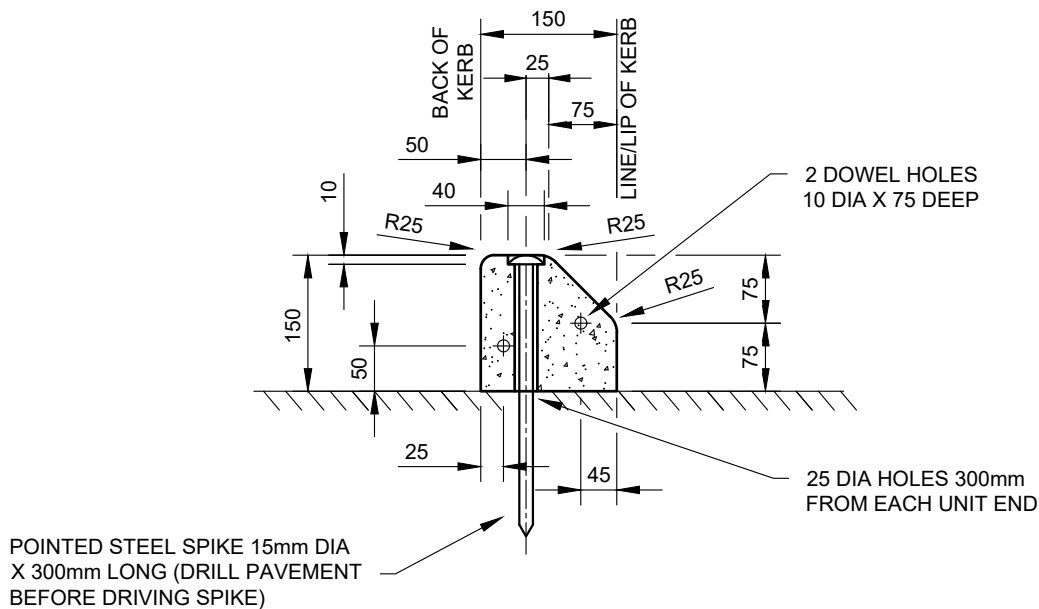
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SPIKED SEMI MOUNTABLE KERB (PRE-CAST)



SPIKED BARRIER KERB (PRE-CAST)

NOTES:

1. SPIKES TO BE HOT DIPPED GALVANISED.
2. CONCRETE SHALL BE NORMAL CLASS N25 COMPLYING WITH THE REQUIREMENTS OF AS 1379. REFER TO WCC SPEC 703 FOR REQUIREMENTS OF CONCRETE TO BE USED IN EXTRUSION MACHINES.
3. PRE-CAST UNITS SHALL HAVE WEIGHT IMPRINTS FOR OH&S MANUAL HANDLING PURPOSES. THE LIFTING SHALL BE 25mm MIN.
4. PRE-CAST UNITS ARE TO HAVE LIFTING HOLES AS PER THE REQUIREMENTS OF AS 3996.
5. POINTED STEEL SPIKE 15mm DIA x 300mm LONG (DRILL PAVEMENT BEFORE DRIVING SPIKE).
6. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.
7. SPIKED KERBS TO BE CONCRETE UNLESS OTHERWISE APPROVED BY COUNCIL.

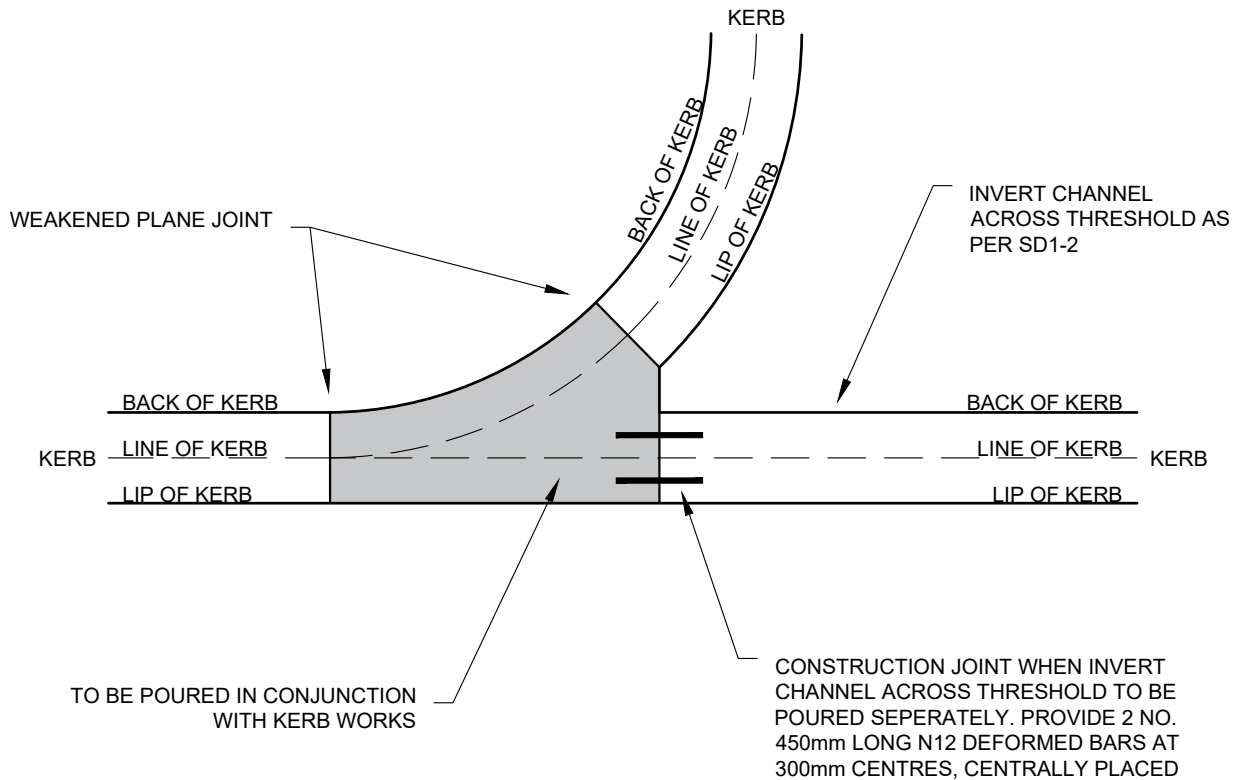
REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		19-06-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24
D	MINOR DRAFTING UPDATES	M.BRIGANDI	10-09-24

KERB PROFILES CONCRETE SPIKED KERBS		
		
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TYPICAL TREATMENT FOR INVERT CHANNEL ACROSS THRESHOLD

NOTES:

1. CONCRETE SHALL BE NORMAL CLASS N25 COMPLYING WITH THE REQUIREMENTS OF AS. 1379. REFER TO WCC SPEC 703 FOR REQUIREMENTS OF CONCRETE TO BE USED IN EXTRUSION MACHINES.
2. WEAKENED PLANE JOINTS (WPJ) TO BE PLACED AT 2500mm CENTRES.
3. CHAMFERS ARE 15mm X 15mm UNLESS OTHERWISE SHOWN.
4. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.
5. A WEAKENED PLANE JOINT SHALL BE PLACED AT THE END OF EACH CONCRETE POUR.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		17-07-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

TYPICAL TREATMENT FOR INVERT CHANNEL ACROSS THRESHOLD



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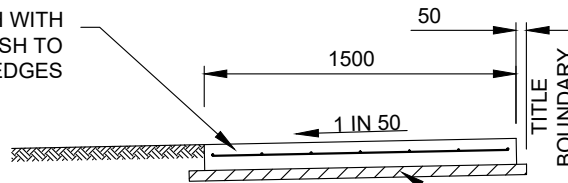
SD1-5

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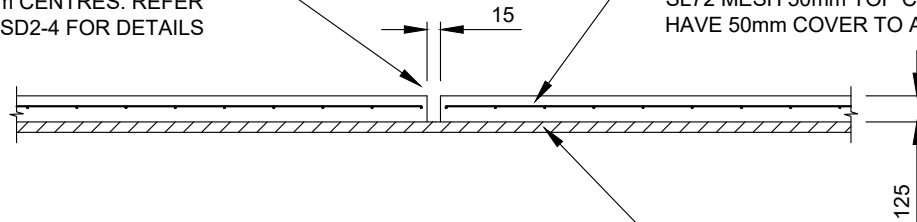
125mm THICK N25 CONCRETE PATH WITH
SL72 MESH 50mm TOP COVER. MESH TO
HAVE 50mm COVER TO ALL EDGES



SECTION A - A

50mm MECHANICALLY COMPACTED
DEPTH OF CLASS 3, 20mm NOM.
SIZE FINE CRUSHED ROCK

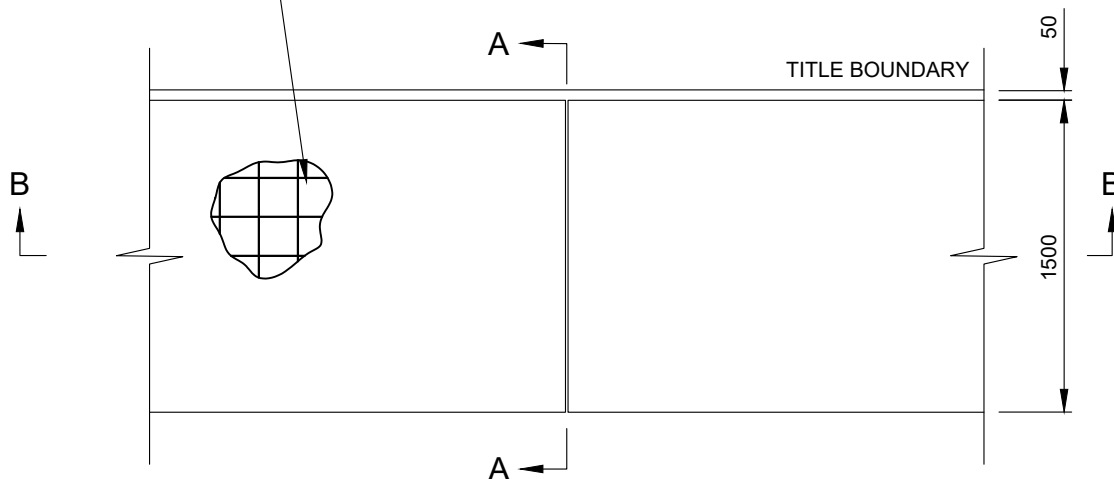
EXPANSION JOINTS LOCATED BOTH
SIDES OF VEHICLE CROSSING AND
AT A MAX OF 12m CENTRES. REFER
TO SD2-4 FOR DETAILS



SECTION B - B

50mm MECHANICALLY COMPACTED
DEPTH OF CLASS 3, 20mm NOM.
SIZE FINE CRUSHED ROCK

125mm THICK N25 CONCRETE
PATH WITH SL72 MESH 50mm
TOP COVER. MESH TO HAVE
50mm COVER TO ALL EDGES



PLAN

NOTES :

1. TIE BARS TO BE INSTALLED AT 400mm MAXIMUM CENTRES, WITH 4 BARS MINIMUM, COMMENCING 150mm FROM EDGE.
2. WEAKENED PLANE JOINTS LOCATED AT SPACING EQUAL TO THE WIDTH OF THE PATH AND MADE WITH A 'T' IRON OR CONCRETE SAW CUT.
3. CONCRETE TO BE LIGHT BROOM FINISHED WITH EDGE AND JOINTS NEATLY TOOLED AFTER THE BROOM IS APPLIED.
4. ALL FINISHED SURFACES TO COMPLY WITH AS 4586 SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIAL.
5. THE USE OF COLOURED CONCRETE MUST BE APPROVED BY COUNCIL. MINIMUM STRENGTH OF COLOURED CONCRETE TO BE 32 MPa.
6. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 1-3. MINOR DRAFTING MODIFICATIONS		19-06-07
C	ADDED NOTE 5		01-09-09
D	EDITED GRADING & MESH		05-04-13
E	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24
F	MINOR DRAFTING MODIFICATIONS	M.BRIGANDI	10-12-24

FOOTPATH AGAINST TITLE BOUNDARY



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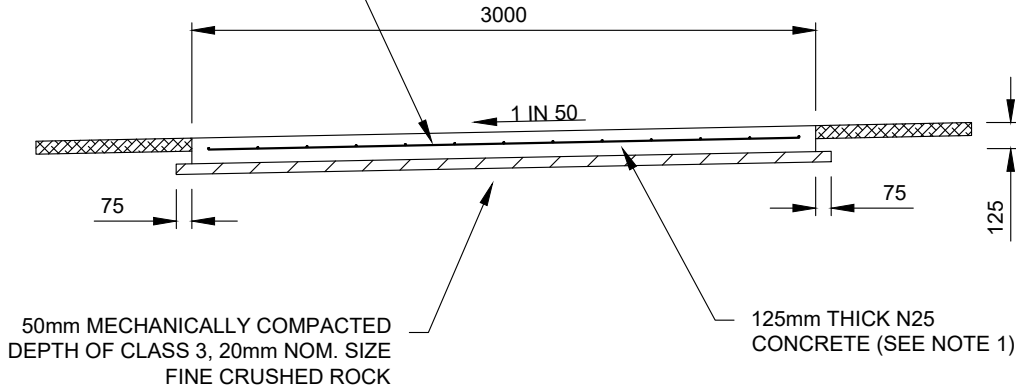
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SD2-1

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125mm THICK N25 CONCRETE
PATH WITH SL72 MESH 50mm
TOP COVER. MESH TO HAVE
50mm COVER TO ALL EDGES



SHARED PATH

2500mm MINIMUM WIDTH IN
CONSTRAINED LOCATIONS

NOTES :

1. CONCRETE STRENGTH IS 25 MPa AT 28 DAYS.
2. TIE BARS TO BE INSTALLED AT 400mm MAXIMUM CENTRES, WITH 4 BARS MINIMUM, COMMENCING 150mm FROM EDGE.
3. COUNCIL'S PRAM CROSSING DETAIL TO BE USED AT ROADWAYS (REFER TO SD3-1).
4. SHARED PATH TO HAVE 30mm DEEP SAWCUT JOINTS AT 3m CENTRES (NO TOOLED JOINTS) AND EXPANSION JOINTS AT 12m MAXIMUM CENTRES AND ONE BAY EITHER SIDE OF VEHICLE CROSSINGS.
5. CONCRETE TO BE LIGHT BROOM FINISHED WITH EDGE AND JOINTS NEATLY TOOLED AFTER THE BROOM IS APPLIED.
6. ALL FINISHED SURFACES TO COMPLY WITH AS 4586 SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIAL.
7. ANY EXPOSED AGGREGATE SURFACE FINISH IS TO BE ACHIEVED BY SANDBLASTING AFTER AT LEAST 48 HOURS CURING TIME.
8. N12mm DIAMETER DEFORMED BARS AT 300mm CENTRES TO JOIN OLD CONCRETE TO NEW WHEN REINSTATING BROKEN FOOTPATH OR AS DIRECTED BY COUNCIL OFFICER.
9. THE USE OF COLOURED CONCRETE MUST BE APPROVED BY COUNCIL. MINIMUM STRENGTH OF COLOURED CONCRETE TO BE 32 MPa.
10. SHARED PATHS TO BE 2500mm IN WIDTH MINIMUM. REFER TO APPROVED CONSTRUCTION PLAN FOR ACTUAL WIDTH.
11. WHERE SHARED PATH IS ALSO USED AS A MAINTENANCE ACCESS TRACK, REFER TO SD4-5 FOR CONCRETE, REINFORCEMENT AND BEDDING SPECIFICATIONS.
12. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 1-3. MINOR DRAFTING MODIFICATIONS		19-06-07
C	ADDED NOTE 9		01-09-09
D	EDITED GRADING & MESH		05-04-13
E	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

SHARED PATH (ALL LOCATIONS)



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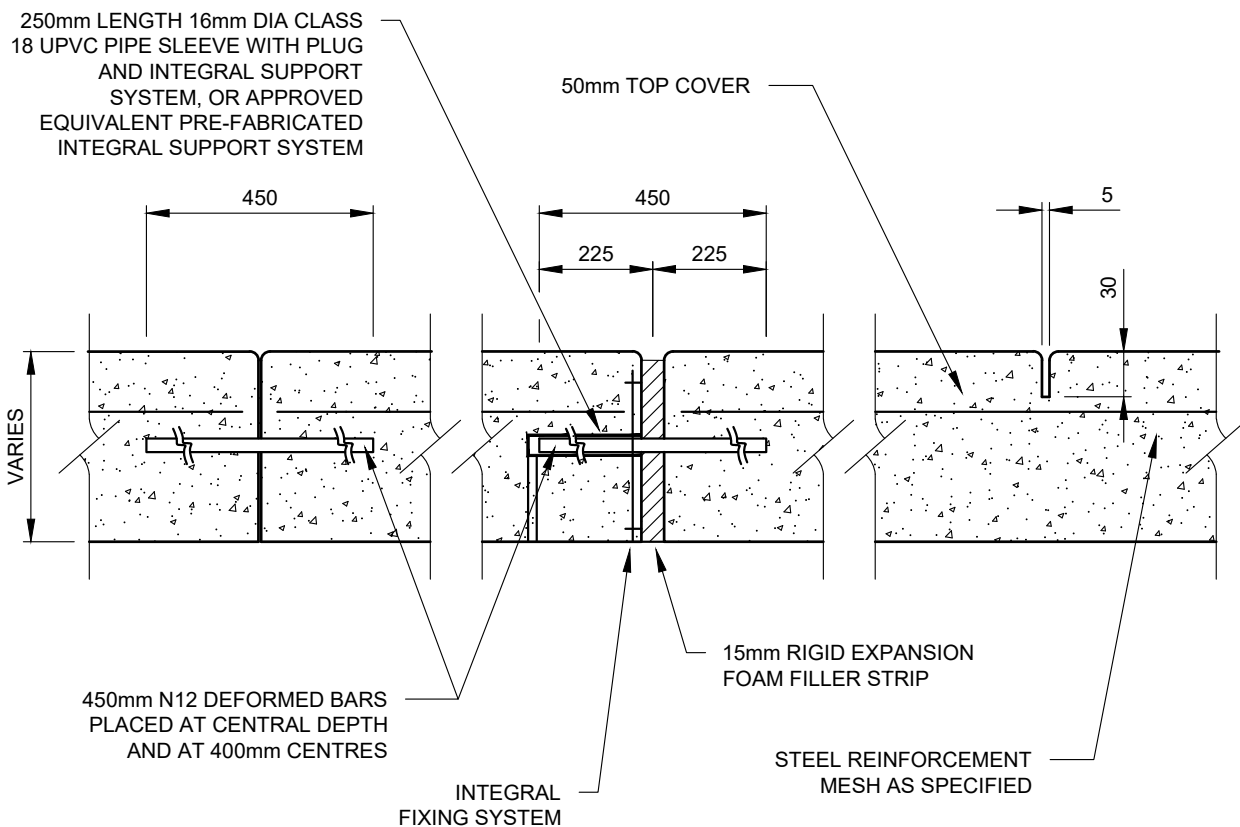
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SD2-3

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CONSTRUCTION JOINT

EXPANSION JOINT

WEAKENED PLANE JOINTS

CONCRETE SAWCUT OR
'T' IRON AS PER NOTE 2

NOTES:

1. TIE BARS TO BE INSTALLED AT 400 MAXIMUM CENTRES, WITH 4 BARS MINIMUM, COMMENCING 150 FROM EDGE.
2. DOWEL BARS TO BE INSTALLED AT 400 MAXIMUM CENTRES COMMENCING AT A MINIMUM OF 100 AND A MAXIMUM OF 200 FROM THE EDGE OF PATH. 16 DIAMETER PVC SLEEVE WITH END CAP OR CLOSED END TO BE FITTED TO ONE END OF THE BAR. DOWEL BARS TO BE SECURELY TIED TO LONGITUDINAL REINFORCING MESH.
3. EXPANSION JOINTS LOCATED BOTH SIDES OF VEHICLE CROSSING AND AT A MAXIMUM OF 12000 CENTRES.
4. WEAKENED PLANE JOINTS LOCATED AT SPACING EQUAL TO THE WIDTH OF THE PATH AND MADE WITH A 'T' IRON OR CONCRETE SAW CUT.
5. IN SHARED PATHS WEAKENED PLANE JOINTS MUST BE MADE BY CONCRETE SAW CUTTING.
6. COUNCIL APPROVED PREFABRICATED EXPANSION JOINT AND/OR JOINING SYSTEMS WITH 450 N12 DEFORMED BARS PLACED AT CENTRAL DEPTH AND AT 400 CENTRES.
7. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED LEADER & NOTES, MINOR DRAFTING MODIFICATIONS		19-06-07
C	ADDED NOTE 7		01-09-09
D	REMOVE BITUMEN REQUIREMENT IN EXPANSION JOINT		05-04-13
E	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

CONCRETE PATH AND PAVEMENT JOINTS DETAILS



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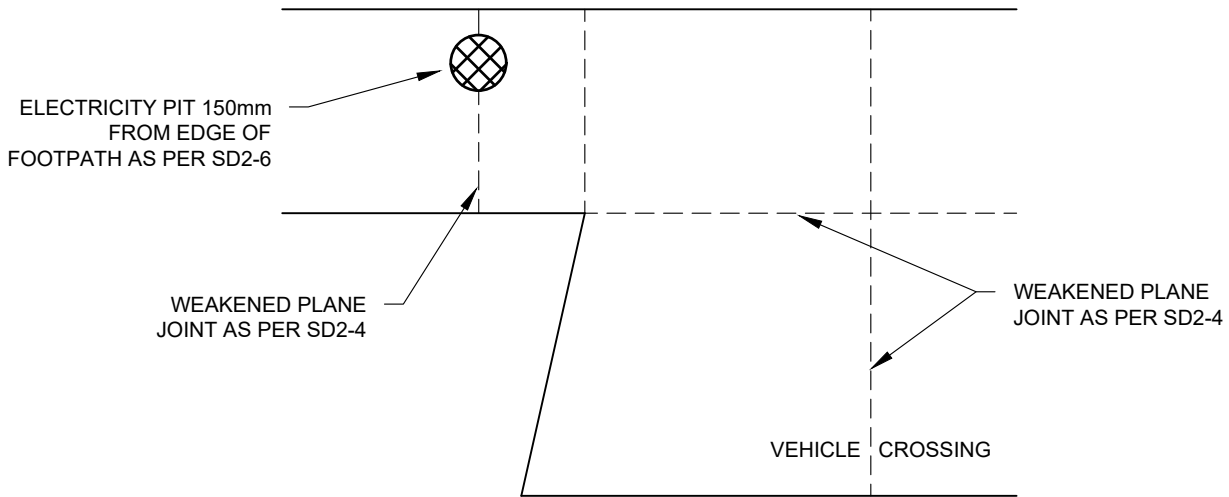
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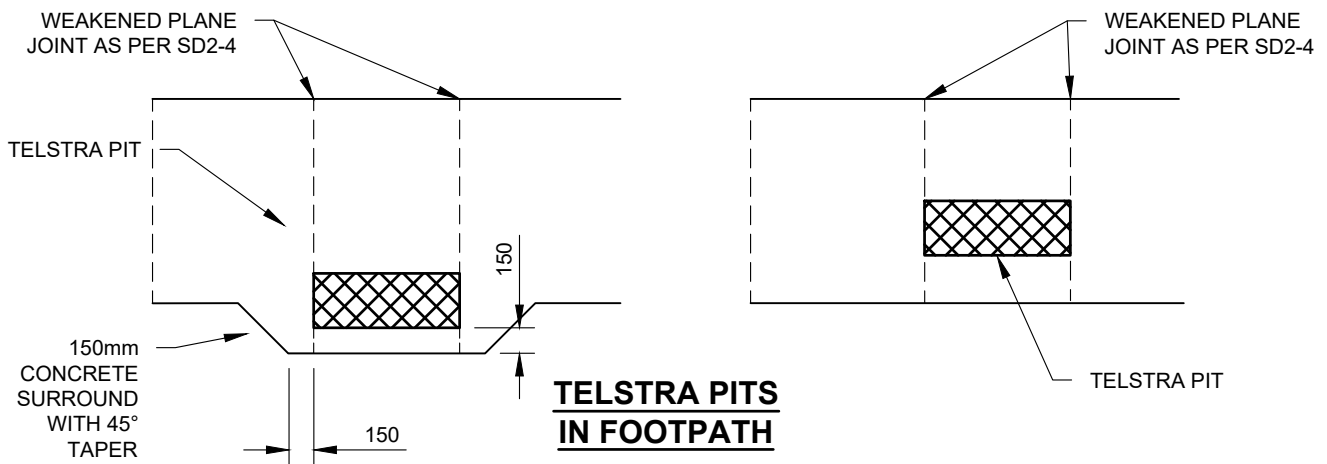
SD2-4

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
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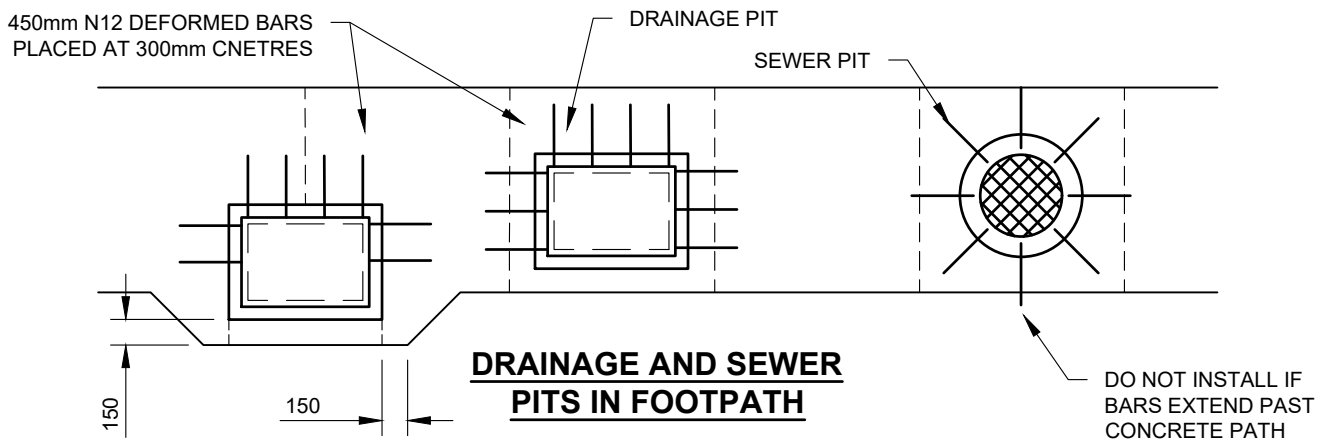
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ELECTRICITY PIT IN FOOTPATH



TELSTRA PITS IN FOOTPATH



DRAINAGE AND SEWER PITS IN FOOTPATH

NOTES:

1. WEAKENED PLANE JOINT SPACING TO BE AT PATH WIDTH.
2. MINIMUM SPACING BETWEEN WEAKENED PLANE JOINTS IS 500mm.
3. REFER TO SD2-5A & SD2-6 FOR PIT COLLAR DETAILS.
4. FOR CONSTRUCTION DETAILS ON DRAINAGE AND SEWER PITS, REFER TO SD2-5A
5. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 2-4, MINOR DRAFTING MODIFICATIONS		19-06-07
C	DETAILS CHANGE FOR DRAINAGE AND SEWER PITS		JULY 19
D	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

TYPICAL CONCRETE FOOTPATH TREATMENT AT SERVICE AUTHORITY PITS



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
wyndham.vic.gov.au

CAD FILE: SD2-5.DWG

DRAWN DATE: FEB 2024

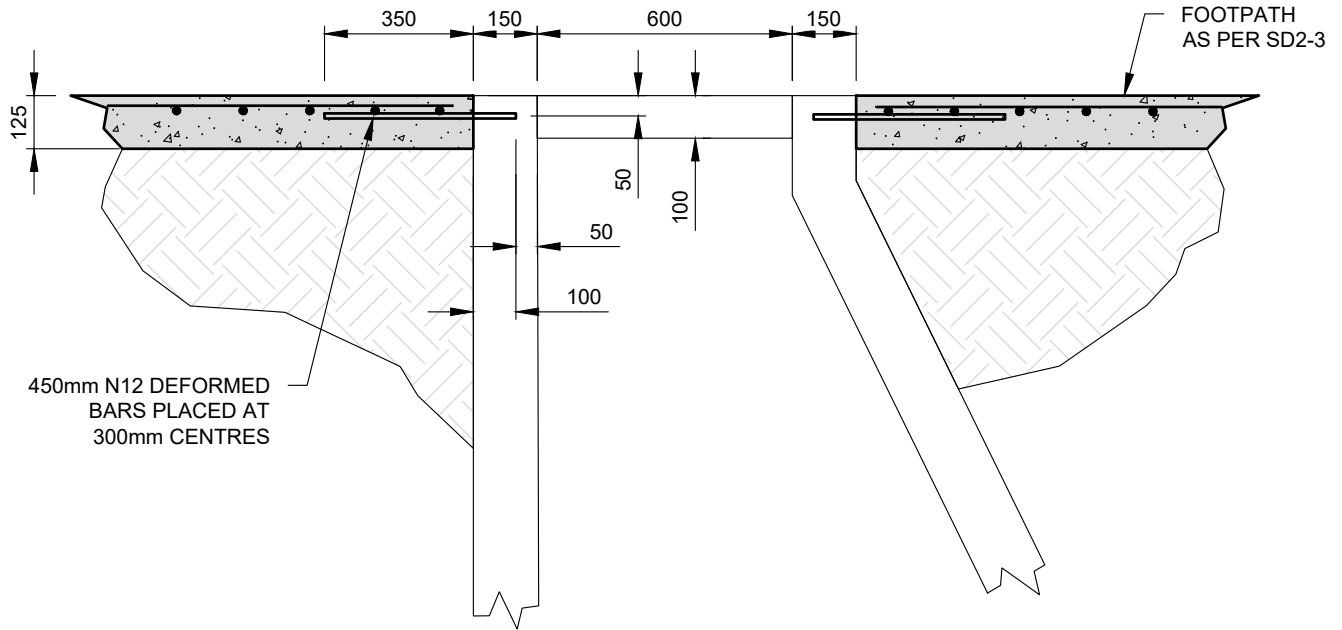
REVISION: D

DRAWING NO.:

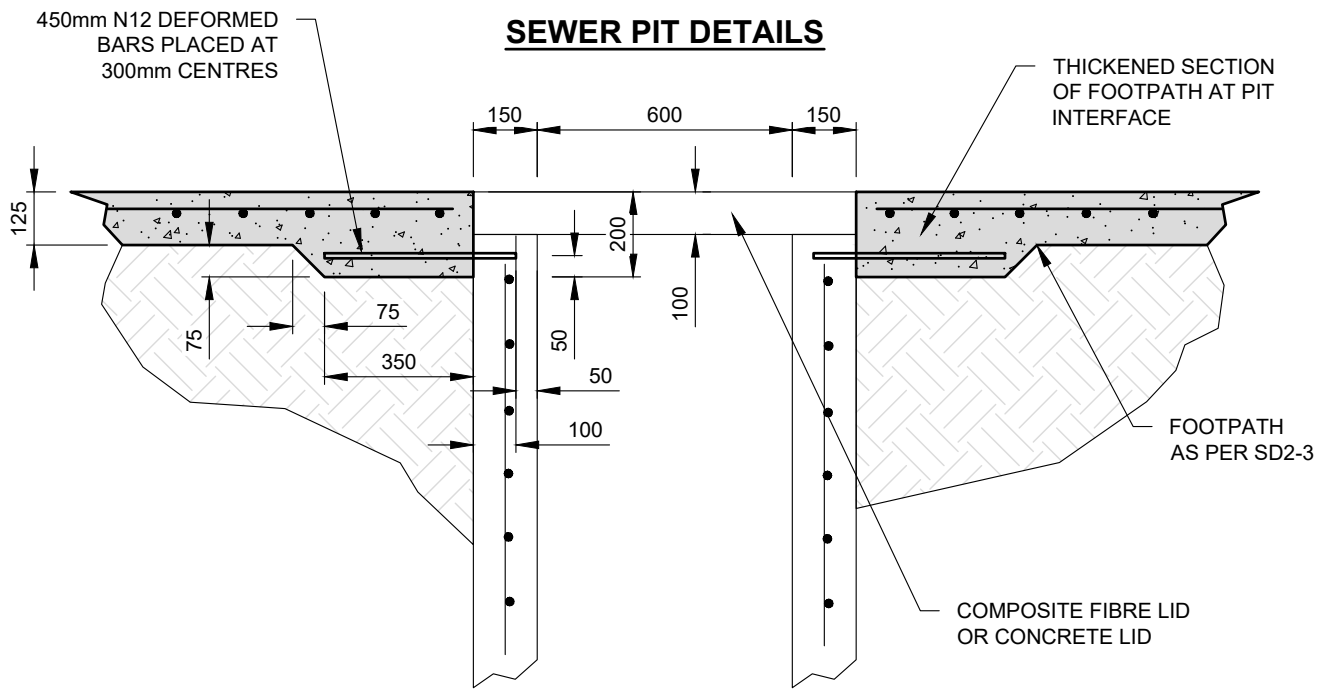
SD2-5

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD2-5A.dwg (28 May, 2024)



SEWER PIT DETAILS



DRAINAGE PIT DETAILS

NOTES:

1. ALL DIMENSIONS GIVEN ARE INDICATIVE ONLY AND DIMENSIONS ON SITE MAY VARY.
2. REFER TO SD2-5 FOR FURTHER INFORMATION ON DOWEL BAR SPACING ARRANGEMENTS.
3. REFER TO SD2-6 FOR PIT COLLAR DETAILS.
4. ALL DIMENSIONS IN MILLIMETRES UNLESS SHOWN OTHERWISE.

REV	AMENDMENTS	APPROVAL	DATE
A	ISSUED FOR CONSTRUCTION		JULY 19
B	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

TYPICAL CONCRETE FOOTPATH CONSTRUCTION DETAILS AT SEWER & DRAINAGE PITS



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
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CAD FILE: SD2-5A.DWG

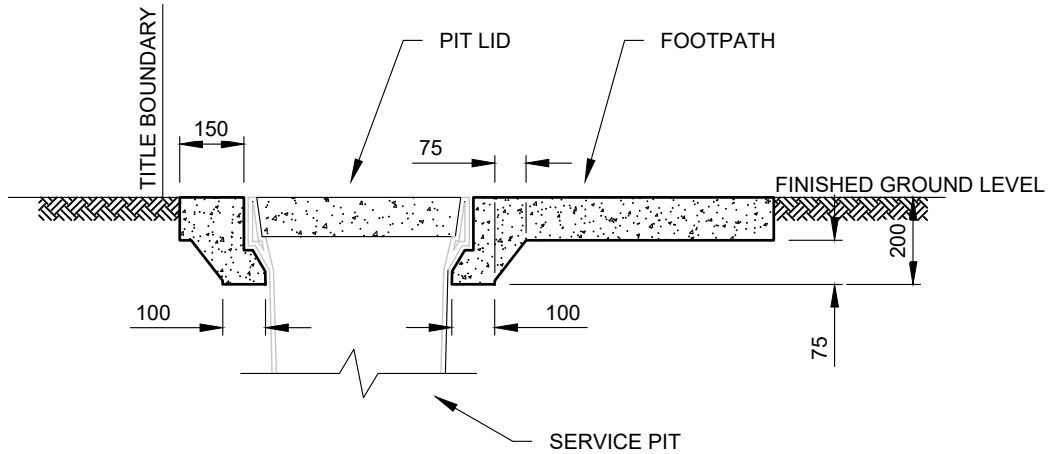
DRAWN DATE: FEB 2024

REVISION: B

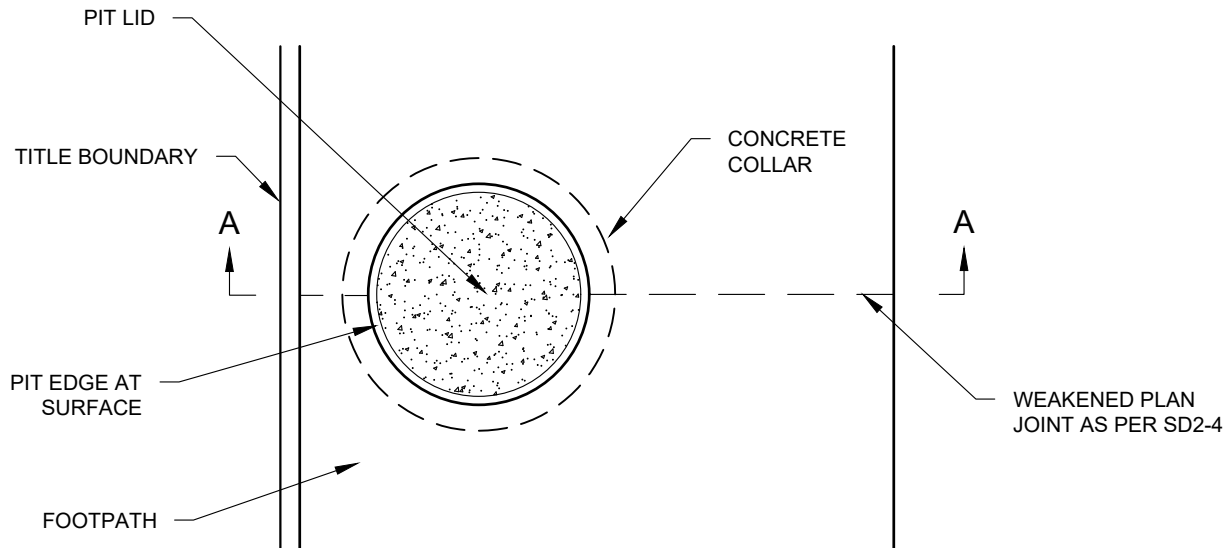
DRAWING NO.:
SD2-5A

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD2-6.dwg (28 May, 2024)



SECTION A-A



PLAN

NOTES :

1. THE SERVICE PIT IS TO BE INSTALLED WITH ITS OUTER EDGE NOT LESS THAT 150mm FROM THE EDGE OF THE FOOTPATH.
2. THE CONCRETE COLLAR SUPPORT IS TO BE 200mm THICK WITHIN THE FOOTPATH.
3. FOOTPATH REINFORCEMENT TO BE CONTINUOUS ON ALL SIDES OF THE PIT.
4. FOOTPATH REINSTATEMENT WIDTH TO MATCH EXISTING FOOTPATH WIDTH.
5. CONCRETE STRENGTH OF 25MPA AT 28 DAYS.
6. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 1 & 2. MINOR DRAFTING MODIFICATIONS		20-06-09
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

ELECTRICAL PIT IN FOOTPATH



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
wyndham.vic.gov.au

CAD FILE: SD2-6.DWG

DRAWN DATE: FEB 2024

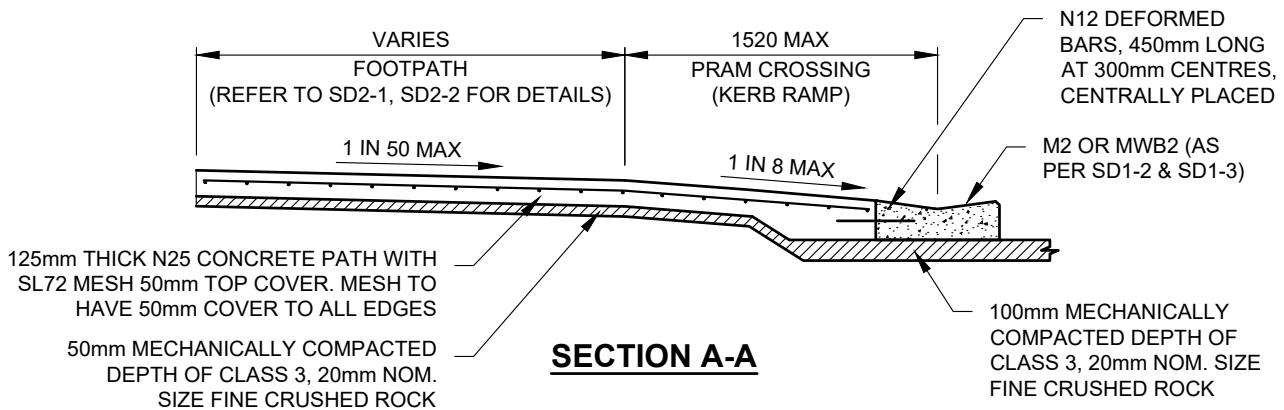
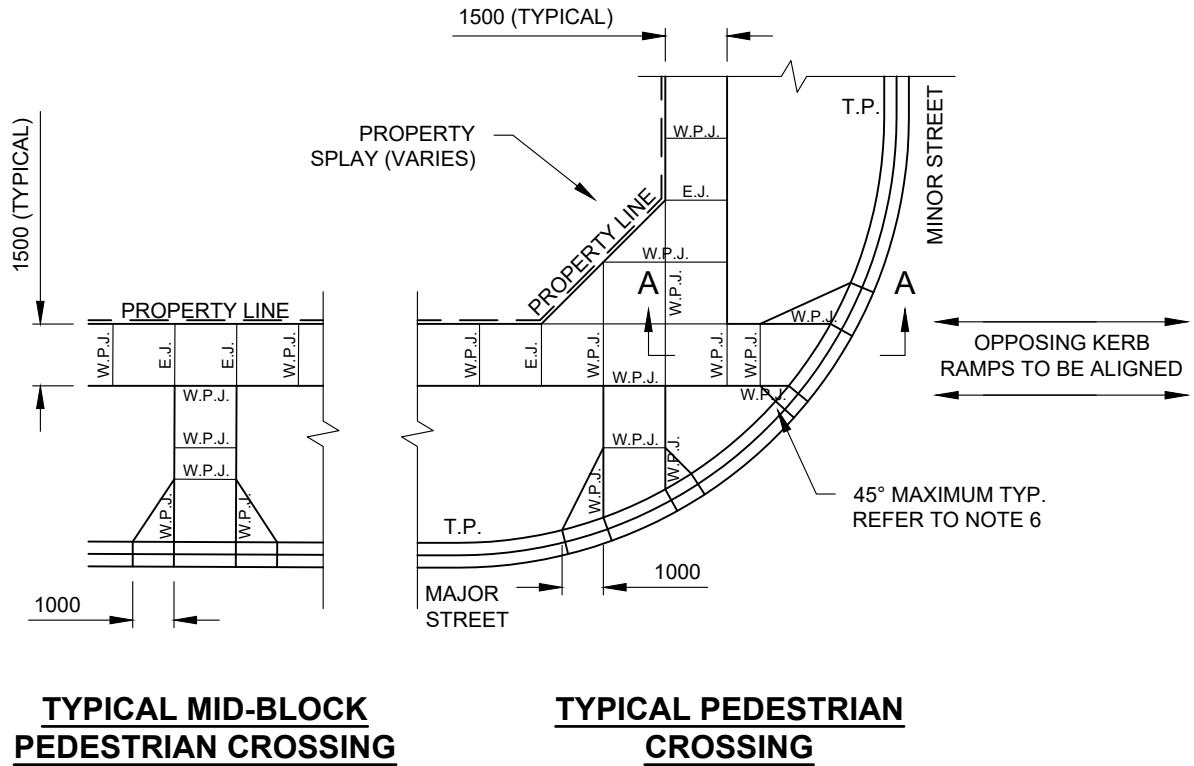
REVISION: C

DRAWING NO.:

SD2-6

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).


Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD3-1.dwg (27 Mar. 2025)



NOTES :

1. TACTILE GROUND SURFACE INDICATORS (TGSI'S) TO BE INSTALLED AT LOCATIONS SHOWN ON THE APPROVED PLANS, IN ACCORDANCE WITH AS1428.4 AND WCC TECHNICAL SPECIFICATION 790 - TACTILE GROUND SURFACE INDICATORS.
2. ALL FINISHED SURFACES MUST COMPLY WITH AS 4586 - SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS.
3. FOR KERB RAMP RETRO-FITTING, SAW-CUT EXISTING KERB AND DRILL IN N12 DEFORMED BARS 450mm LONG AT 300mm CENTRES, PARALLEL TO KERB.
4. SPLAYS TO BE 1000mm WITH KERB TRANSITION, OR AT 45° IF KERB RAMP LENGTH IS LESS THAN 1000mm.
5. CONCRETE TO BE LIGHT BROOM FINISH, UNLESS OTHERWISE SPECIFIED, WITH EDGES AND JOINTS NEATLY TOOLED AFTER THE BROOM IS APPLIED.
6. ALL TRANSITIONS IN RAMP AND SPLAY GRADE SHALL BE SHARP, TO ASSIST PEDESTRIAN NAVIGATION.
7. NO BULLNOSE IN THE INVERT OF KERB SHALL BE ACCEPTED.
8. REFER TO WCC TECHNICAL SPECIFICATIONS AND SD2-4 FOR JOINT DETAILS.
9. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

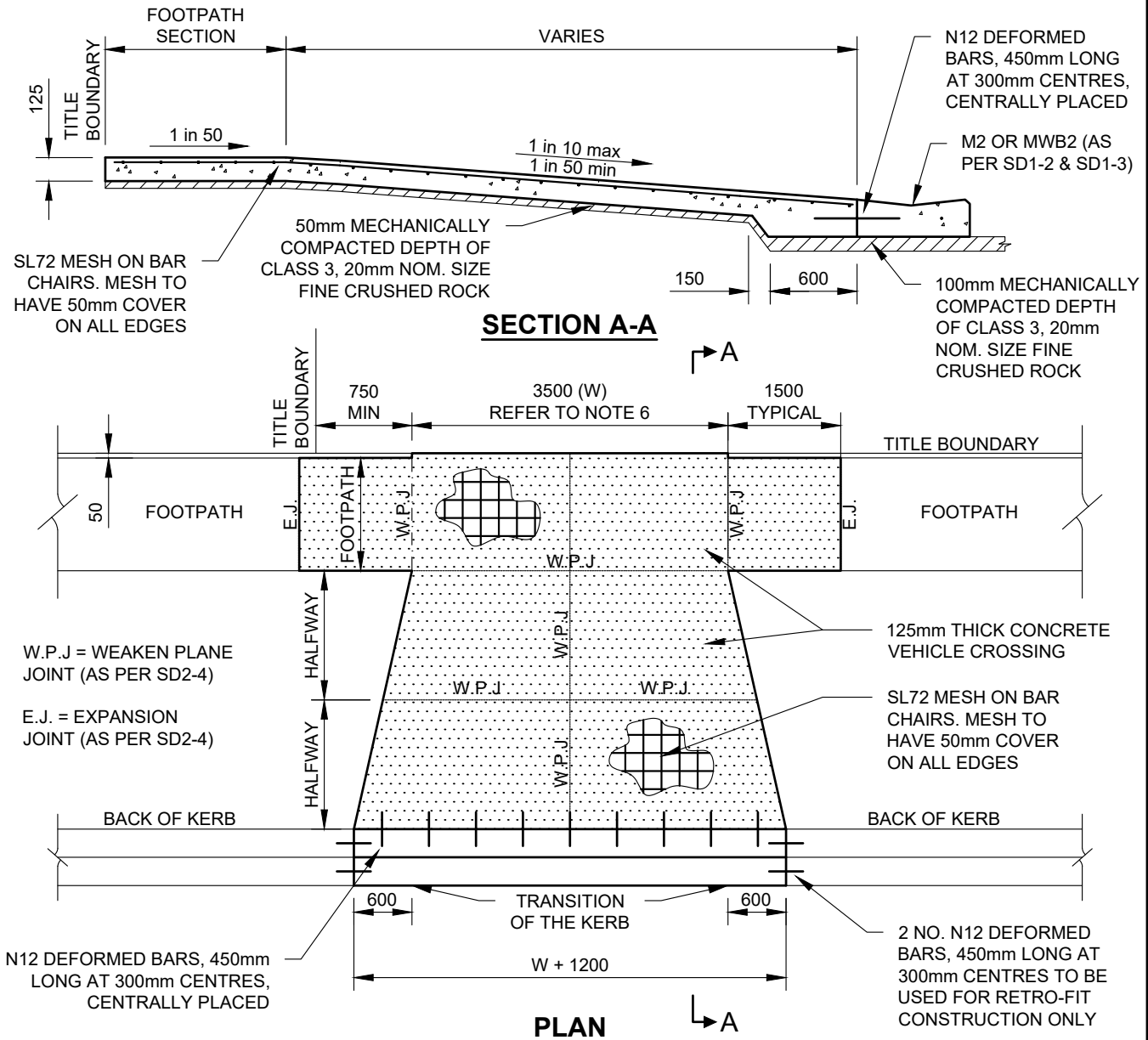
REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 1 & 2. MINOR DRAFTING MODIFICATIONS		19-06-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24
D	MINOR DRAFTING UPDATES	M.BRIGANDI	10-09-24
E	MINOR DRAFTING UPDATES	M.BRIGANDI	27-03-25

PRAM CROSSING DETAILS		
		
45 PRINCES HIGHWAY WERRIBEE, VIC 3030	TEL: 1300 023 411 wyndham.vic.gov.au	

CAD FILE: SD3-1.DWG
DRAWN DATE: FEB 2024
REVISION: E
DRAWING NO.: SD3-1

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD4-1.dwg (27 Mar, 2025)



NOTES :

1. NO BULLNOSE IN THE LINE OF KERB.
2. CONCRETE TO BE LIGHT BROOM FINISH WITH EDGES AND JOINTS NEATLY TOOLED AFTER THE BROOM IS APPLIED.
3. ALL FINISHED SURFACES TO COMPLY WITH AS 4586 - SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS.
4. NO PATTERN-PAVE FINISH OR COLOURED CONCRETE IS TO BE USED. WHERE PERMISSION IS GRANTED TO USE COLOURED CONCRETE STRENGTH TO BE 32MPa.
5. EXPANSION JOINT SHALL HAVE N12 DIAMETER DEFORMED BARS 450mm LONG AT 400mm MAXIMUM CENTRES, WITH 4 BARS MINIMUM, COMMENCING 150mm FROM EDGE.
6. WIDTH OF CROSSING (W) 3500 UNLESS OTHERWISE APPROVED BY COUNCIL.
7. CONCRETE STRENGTH OF 25MPa AT 28 DAYS.
8. REINFORCING TO BE PLACED 50mm FROM TOP OF SLAB WITH 50mm COVER TO ALL EDGES.
9. MODIFICATION OF VEHICLE CROSSING WIDTH AND SPLAYS SHALL BE SUBJECT TO CONSENT FOR WORKS ON ROAD RESERVE.
10. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

MINIMUM CLEARANCES

SCENARIO	DISTANCE
BETWEEN CROSSOVERS	7.0m AT KERB
DRAINAGE PITS	0.75m
TRAFFIC MANAGEMENT DEVICES	1.0m
UTILITY SERVICES ASSETS	1.0m
STREET LIGHT	1.0m
INTERSECTIONS (REFER TO AS 2890.1)	6m FROM KERB TANGENT POINT
PRAM CROSSING	2.0m
TREES	2.5m
FIRE HYDRANT	1.0m
LEGAL POINT OF DISCHARGE	1.0m

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 03, 04, 05 & 06. DRAFTING MODIFICATIONS		19-06-07
C	EDITED NOTE 04		01-09-09
D	EDITED AS PER GROWTH AREA AUTHORITY STANDARD		05-04-13
E	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24
F	DRAFTING ERROR CORRECTED	M.BRIGANDI	10-12-24
G	MINOR DRAFTING UPDATES	M.BRIGANDI	27-03-25

**SINGLE RESIDENTIAL VEHICLE CROSSING
FOOTPATH AGAINST TITLE BOUNDARY**



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
wyndham.vic.gov.au

CAD FILE: SD4-1.DWG

DRAWN DATE: FEB 2024

REVISION: G

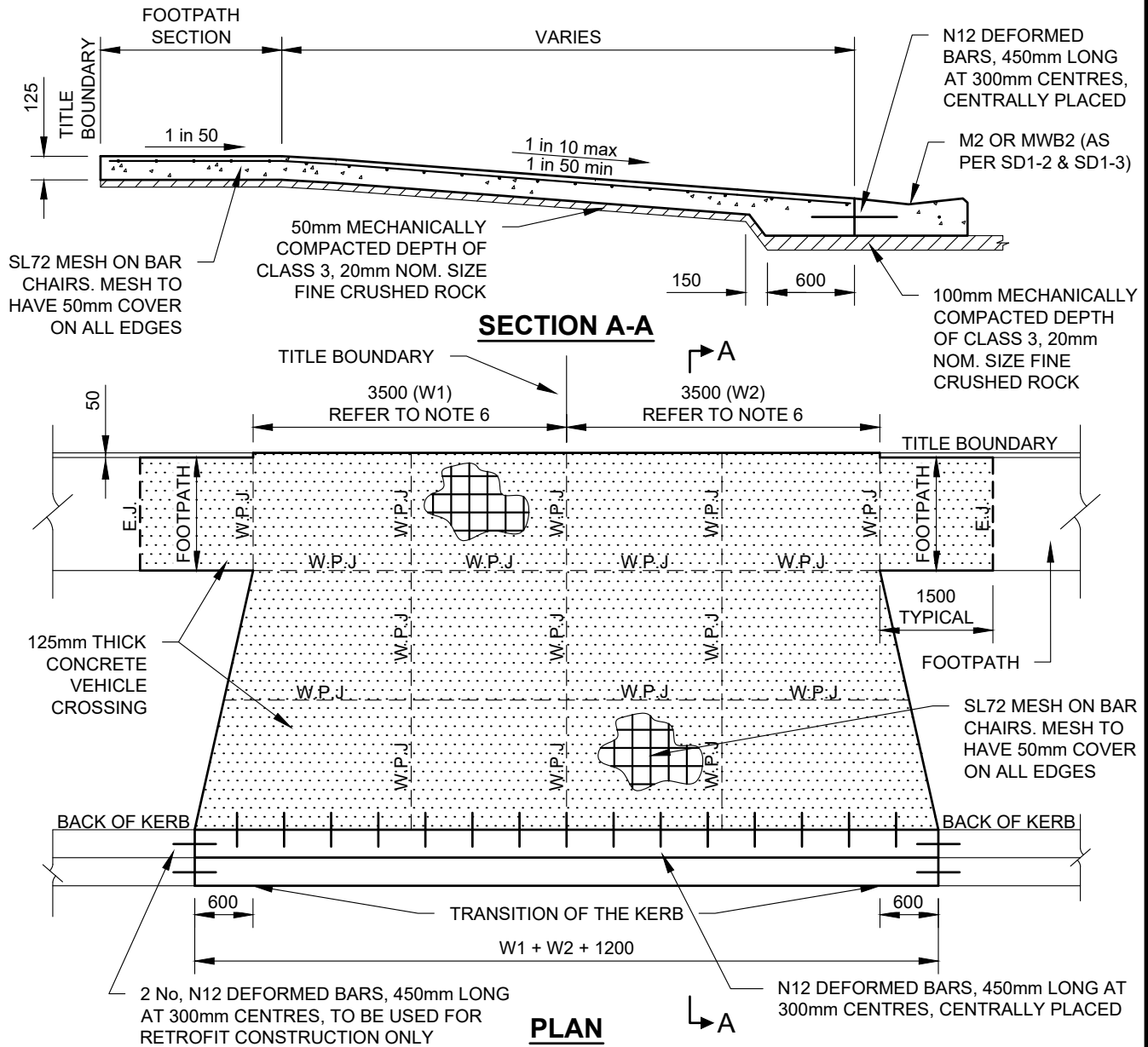
DRAWING NO.:

SD4-1

GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD4-3.dwg (27 Mar. 2025)



REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 03, 04, 05 & 06. DRAFTING MODIFICATIONS		19-06-07
C	EDITED NOTE 04		01-09-09
D	EDITED AS PER GROWTH AREA AUTHORITY STANDARD		05-04-13
E	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24
F	MINOR DRAFTING UPDATES	M.BRIGANDI	27-03-25

DOUBLE RESIDENTIAL VEHICLE CROSSING
FOOTPATH AGAINST TITLE BOUNDARY



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
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CAD FILE: SD4-3.DWG

DRAWN DATE: FEB 2024

REVISION: F

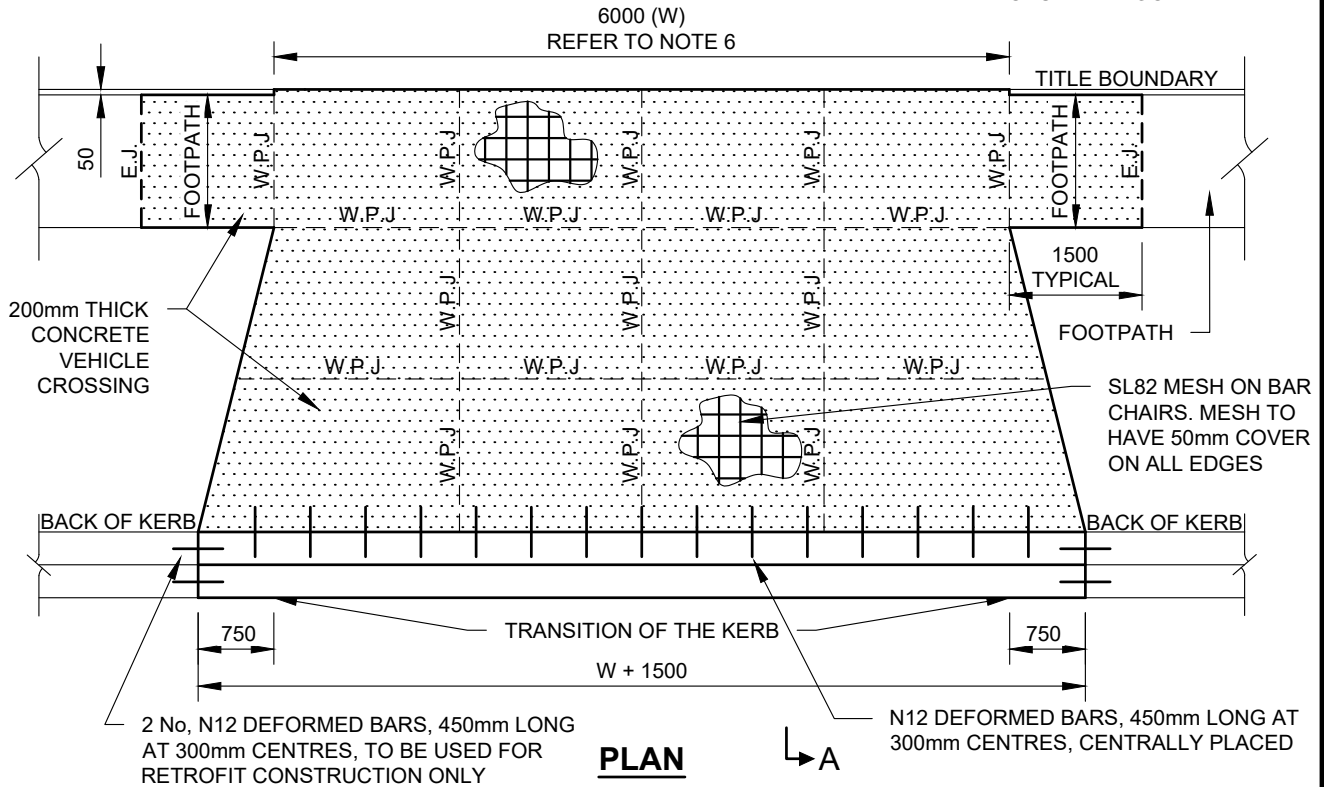
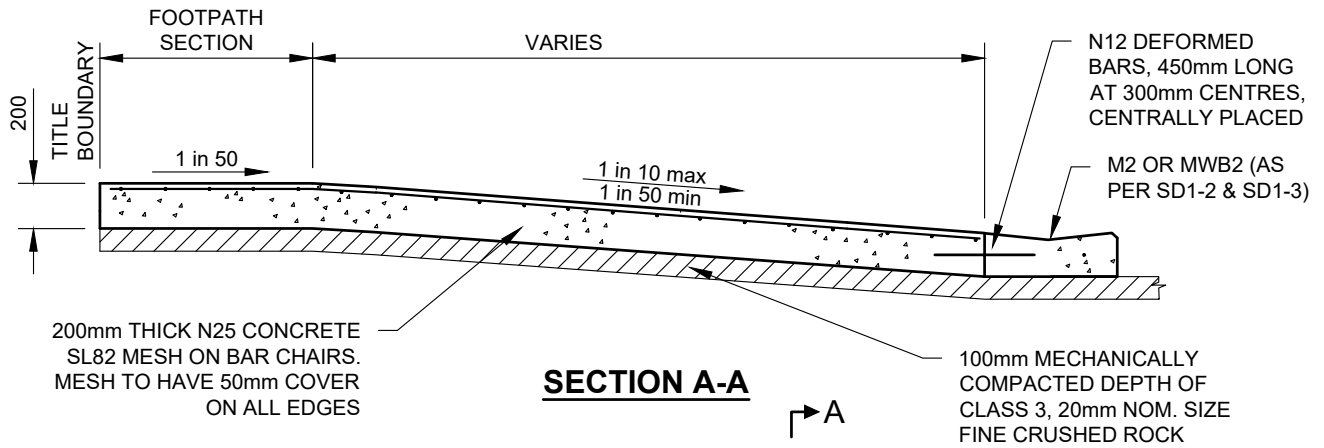
DRAWING NO.:

SD4-3

GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD4-5.dwg (27 Mar, 2025)



NOTES :

1. NO BULLNOSE IN THE LINE OF KERB.
2. CONCRETE TO BE LIGHT BROOM FINISH WITH EDGES AND JOINTS NEATLY TOOLED AFTER THE BROOM IS APPLIED.
3. ALL FINISHED SURFACES TO COMPLY WITH AS 4586 - SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS.
4. NO PATTERN-PAVE FINISH OR COLOURED CONCRETE IS TO BE USED. WHERE PERMISSION IS GRANTED TO USE COLOURED CONCRETE STRENGTH TO BE 32MPa.
5. EXPANSION JOINT SHALL HAVE N12 DIAMETER DEFORMED BARS 450mm LONG AT 400mm MAXIMUM CENTRES, WITH 4 BARS MINIMUM, COMMENCING 150mm FROM EDGE.
6. WIDTH OF CROSSING (W) 6000 UNLESS OTHERWISE APPROVED BY COUNCIL.
7. CONCRETE STRENGTH OF 25MPa AT 28 DAYS.
8. REINFORCING TO BE PLACED 50mm FROM TOP OF SLAB WITH 50mm COVER TO ALL EDGES.
9. MODIFICATION OF VEHICLE CROSSING WIDTH AND SPLAYS SHALL BE SUBJECT TO CONSENT FOR WORKS ON ROAD RESERVE.
10. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

W.P.J = WEAKEN PLANE JOINT (AS PER SD2-4)
E.J. = EXPANSION JOINT (AS PER SD2-4)

MINIMUM CLEARANCES

SCENARIO	DISTANCE
BETWEEN CROSSOVERS	7.0m AT KERB
DRAINAGE PITS	0.75m
TRAFFIC MANAGEMENT DEVICES	1.0m
UTILITY SERVICES ASSETS	1.0m
STREET LIGHT	1.0m
INTERSECTIONS (REFER TO AS 2890.1)	6m FROM KERB TANGENT POINT
PRAM CROSSING	2.0m
TREES	2.5m
FIRE HYDRANT	1.0m
LEGAL POINT OF DISCHARGE	1.0m

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED NOTES 03, 04, 05 & 06. DRAFTING MODIFICATIONS		20-06-07
C	EDITED NOTE 04. REMOVED TITLE BOUNDARY		01-09-09
D	EDITED FOOTPATH GRADING		05-04-13
E	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24
F	MINOR DRAFTING UPDATES	M.BRIGANDI	27-03-25

HEAVY DUTY VEHICLE CROSSING FOOTPATH AGAINST TITLE BOUNDARY



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

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wyndham.vic.gov.au

CAD FILE: SD4-5.DWG

DRAWN DATE: FEB 2024

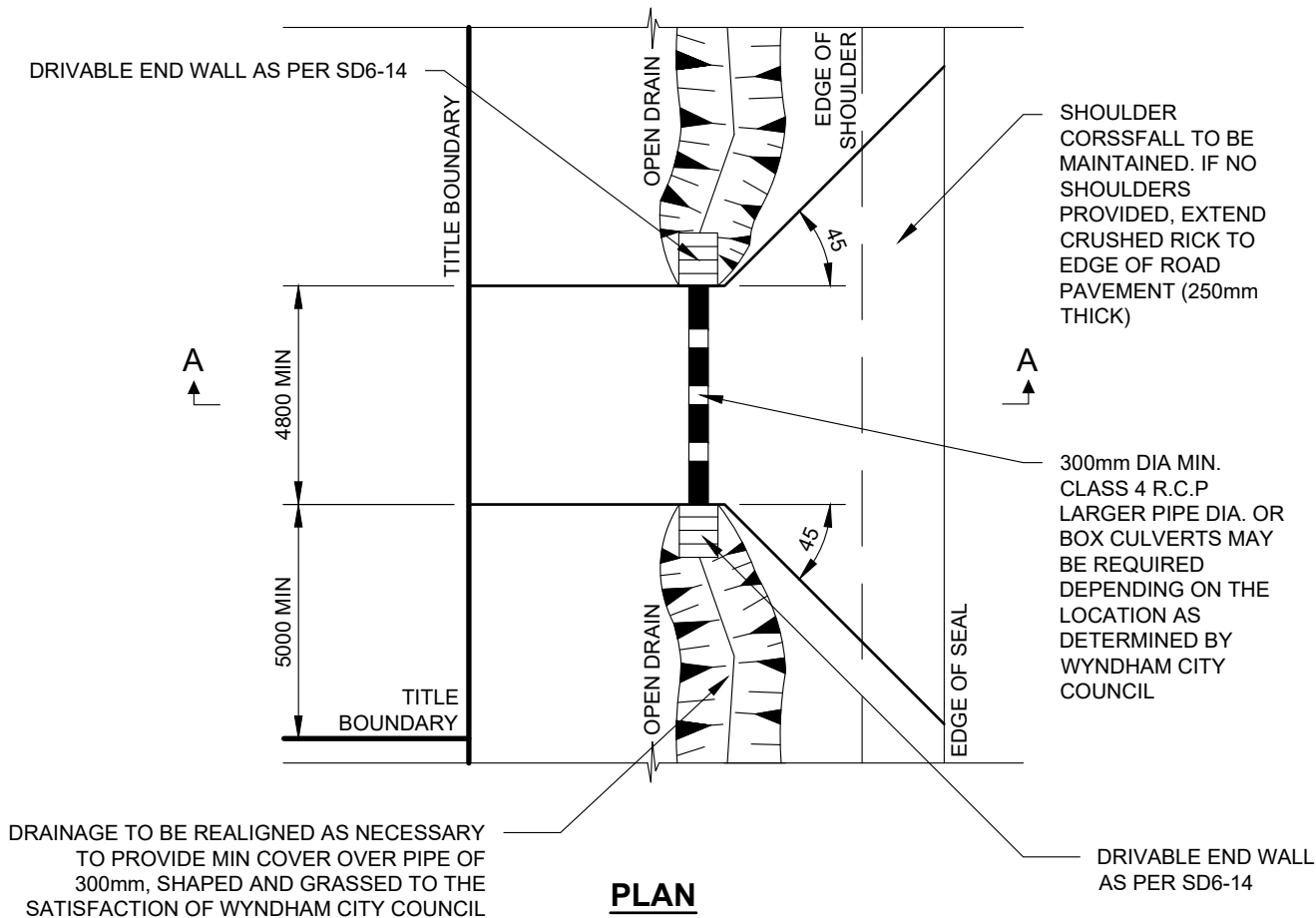
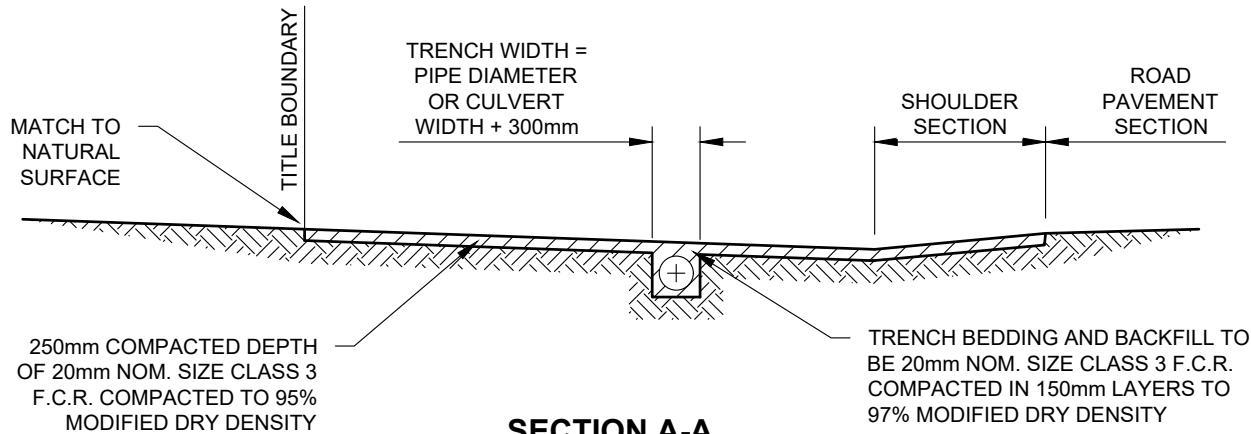
REVISION: F

DRAWING NO.:

SD4-5

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD4-6.dwg (28 May, 2024)



NOTES:

1. INVERT LEVEL OR PIPE/CULVERT TO MATCH EXISTING INVERT LEVEL OF OPEN DRAIN UNLESS OTHERWISE SPECIFIED BY WYNDHAM CITY COUNCIL.
2. 300mm MINIMUM COVER TO TOP OF PIPE/CULVERT.
3. 100mm MINIMUM BEDDING DEPTH.

REV	AMENDMENTS	APPROVAL	DATE
B	TRENCH SHAPE CHANGED, MINOR DRAFTING MODS		05-07-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

RURAL VEHICLE CROSSING



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
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CAD FILE: SD4-6.DWG

DRAWN DATE: FEB 2024

REVISION: C

DRAWING NO.:

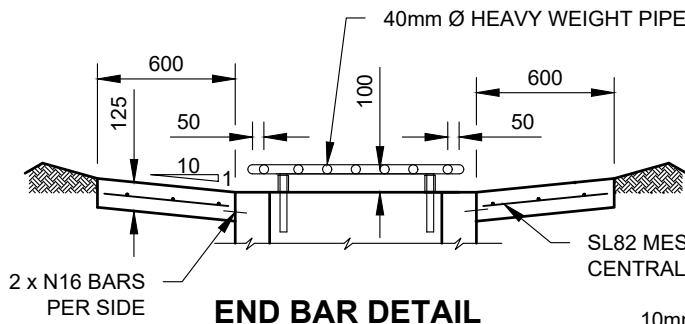
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GENERAL NOTES:

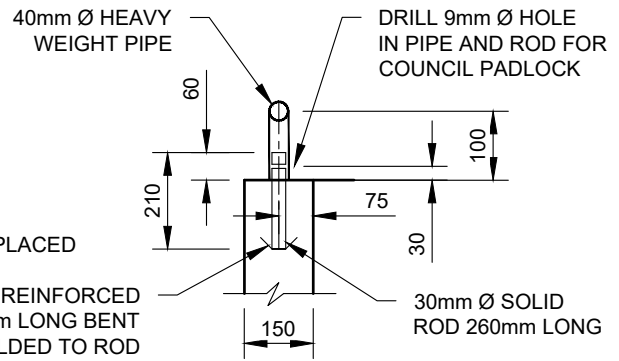
- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

- GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

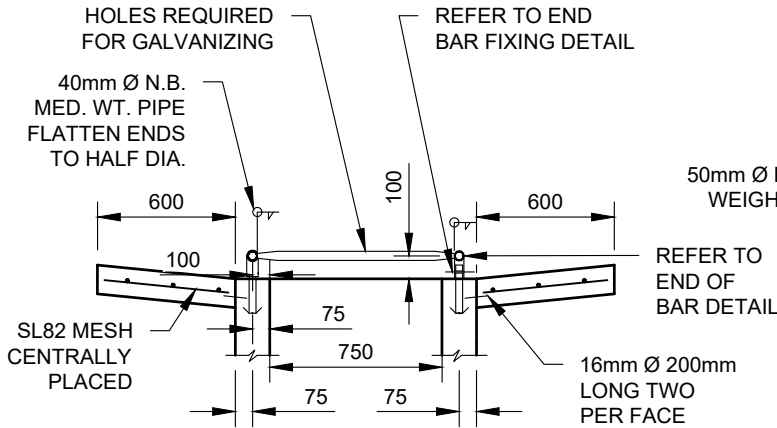
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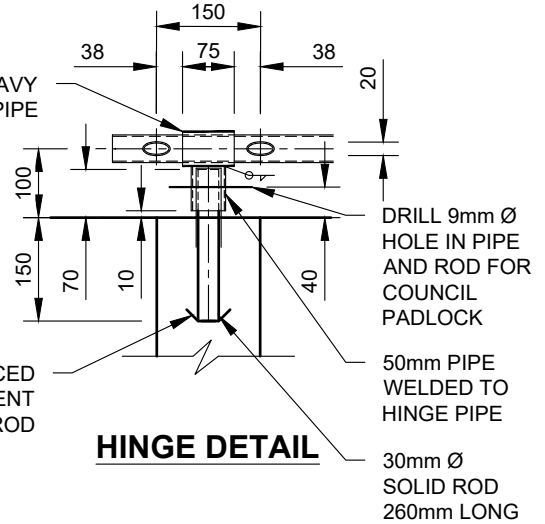
END BAR DETAIL



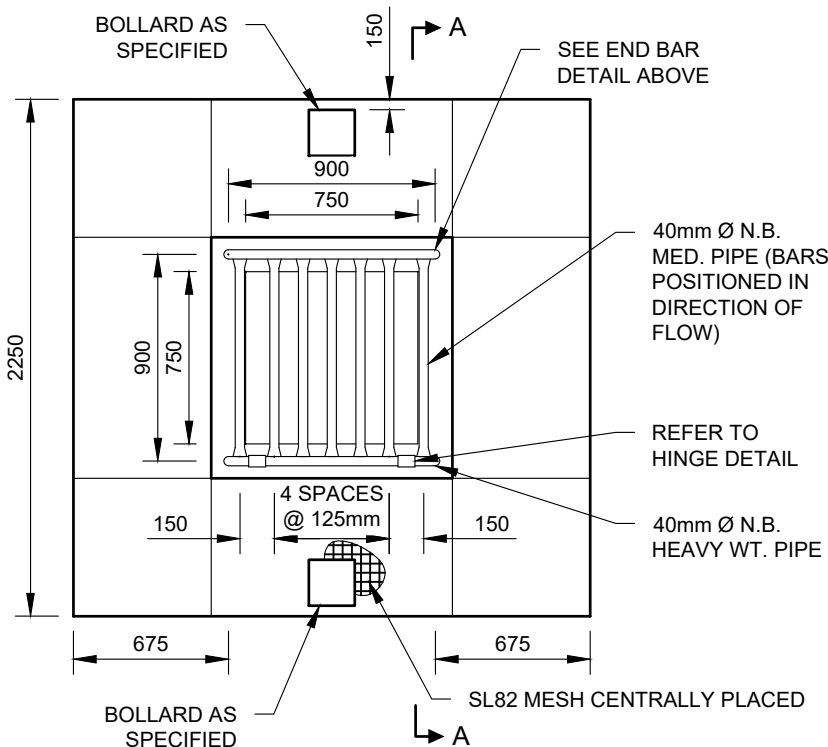
END BAR FIXING DETAIL



SECTION A-A



HINGE DETAIL



PLAN

NOTES:

1. ALL WELDS TO BE 6mm FILLET UNLESS SHOWN OTHERWISE.
2. AFTER FABRICATION GRILLE AND FIXING ROD TO BE HOT DIPPED GALVANIZED STEEL.
3. PADLOCKS TO BE PURCHASED FROM COUNCIL. (TYPE A5-101).
4. PROVIDE 2 SQUARE TYPE BOLLARDS AROUND PIT IN APRON.
5. TO BE LOCATED IN FLOOD-WAYS ONLY.
6. CONCRETE STRENGTH OF 32MPa AT 28 DAYS.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		13-05-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

**RAISED PIT GRILL
FOR PITS OPENING - 750 X 750
FLOODWAYS**



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
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CAD FILE: SD5-3.DWG

DRAWN DATE: FEB 2024

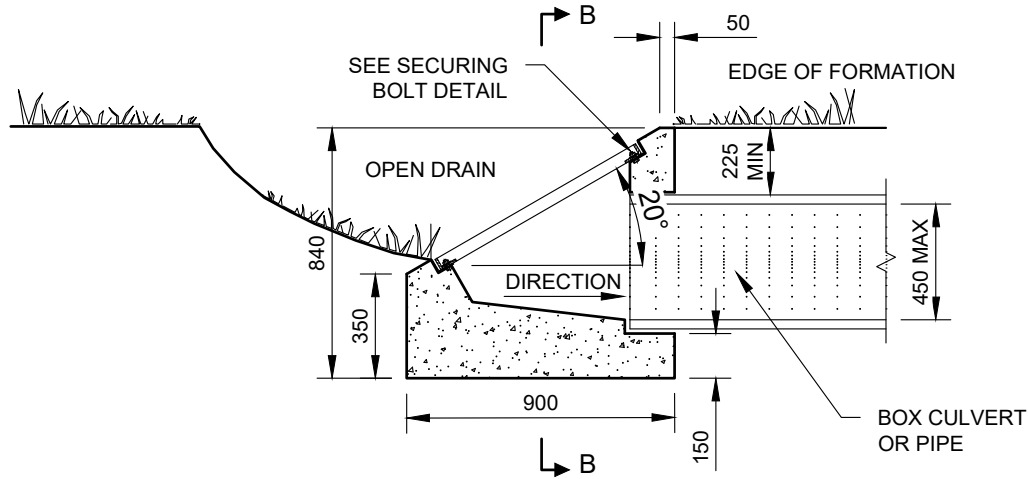
REVISION: C

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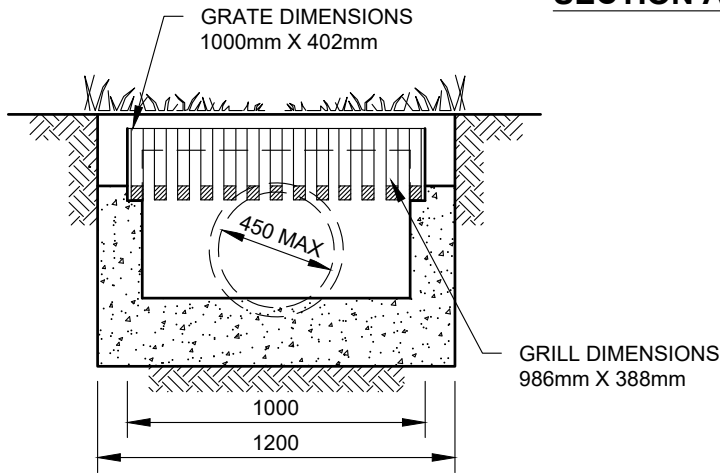
SD5-3

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-4.dwg (28 May, 2024)



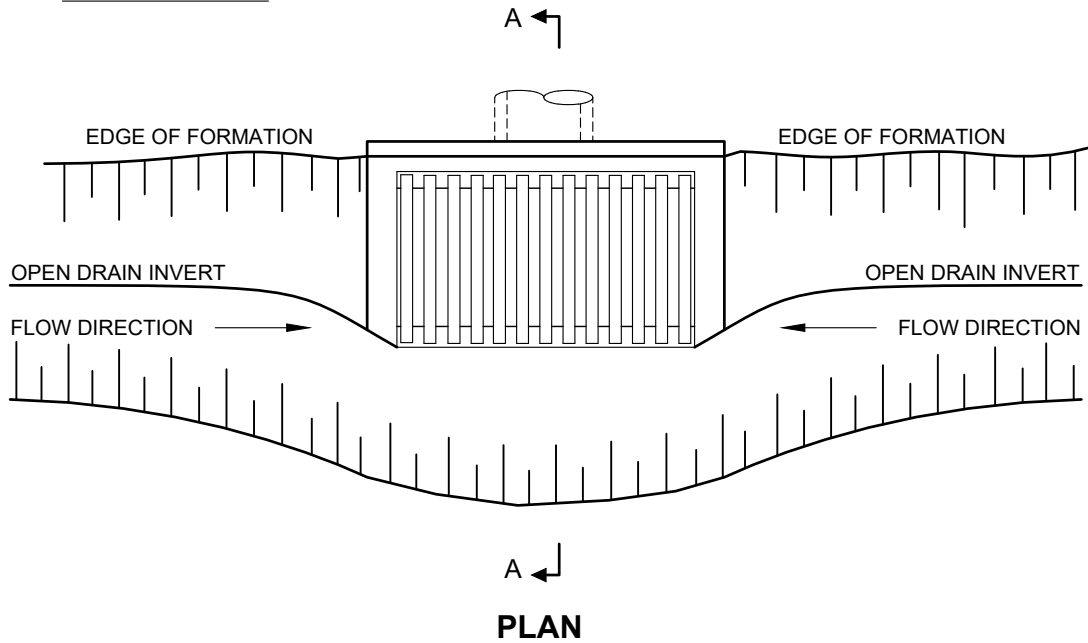
SECTION A-A



SECTION B-B

NOTES:

1. REINFORCEMENT NOT REQUIRED FOR THIS PIT TYPE.
2. ALL PITS TO BE LOCATED A MINIMUM OF 1m CLEAR OF VEHICLE CROSSINGS.
3. CLASS D GRILL TO BE USED AS APPROVED BY COUNCIL.
4. NOT TO BE CONSTRUCTED WITHIN CLEAR ZONE.
5. CONCRETE STRENGTH OF 32MPa AT 28 DAYS.



PLAN

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		13-05-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

**SHALLOW INLET CATCH PIT FOR OPEN DRAIN
FOR PIPES UP TO 450mm DIAMETER**



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

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CAD FILE: SD5-4.DWG

DRAWN DATE: FEB 2024

REVISION: C

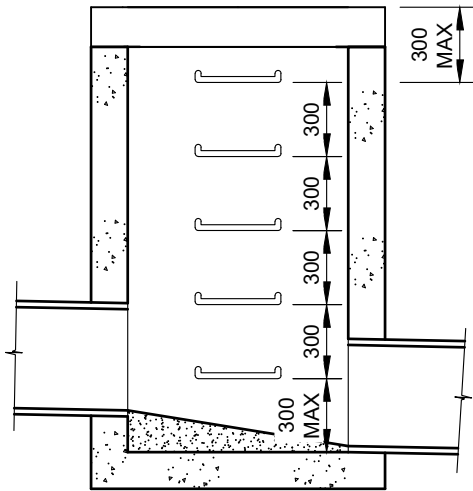
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SD5-4

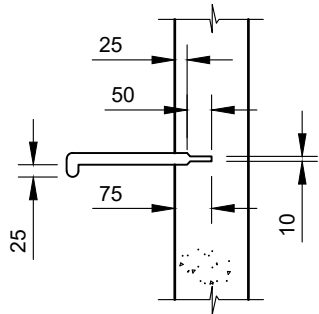
GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

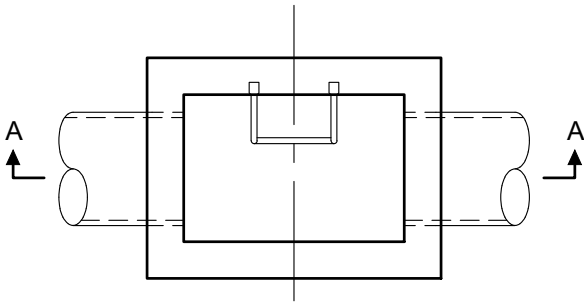
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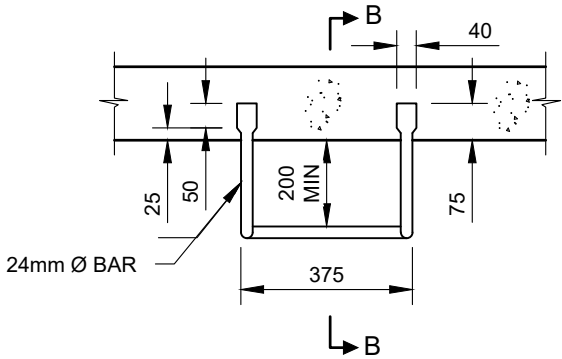
SECTION A-A



SECTION B-B



PLAN



STEP IRON DETAILS

- NOTES :
1. PITS DEEPER THAN 1000mm TO BE FITTED WITH STEP IRONS.
 2. STEP IRONS TO BE LOCATED:
 - DIRECTLY BELOW THE OPENING IN THE COVER.
 - DESIRABLY ON A WALL WITHOUT PIPE OPENINGS.
 - DESIRABLY ON THE WIDEST SIDE OF PIT.
 - STEP IRONS CHANGING PIT FACE ARE TO BE PROVIDED WITH 1.2m OVERLAP.
 3. STEP IRONS TO BE HOT DIP GALVANIZED TO AS4680 AND TO BE STRUCTURAL GRADE 250 IN ACCORDANCE WITH AS3679. ALL EDGES ARE TO BE ROUNDED.
 4. GATIC PS2-PF POLYPROPYLENE STEPS (OR APPROVED EQUIVALENT) MAY BE USED AND INSTALLED ACCORDING TO THE MANUFACTURERS SPECIFICATIONS.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		24-05-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

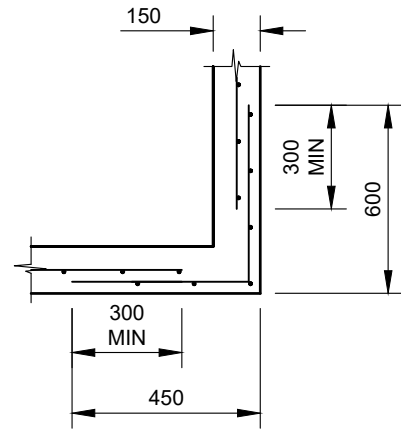
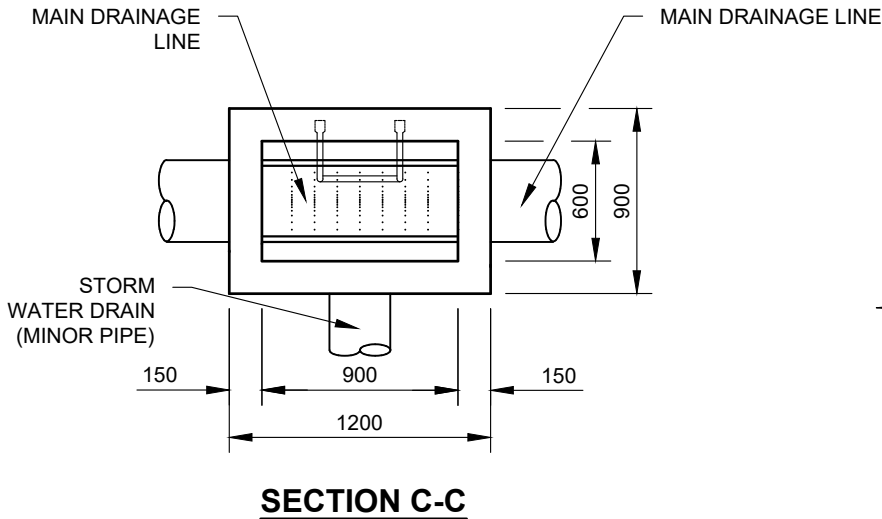
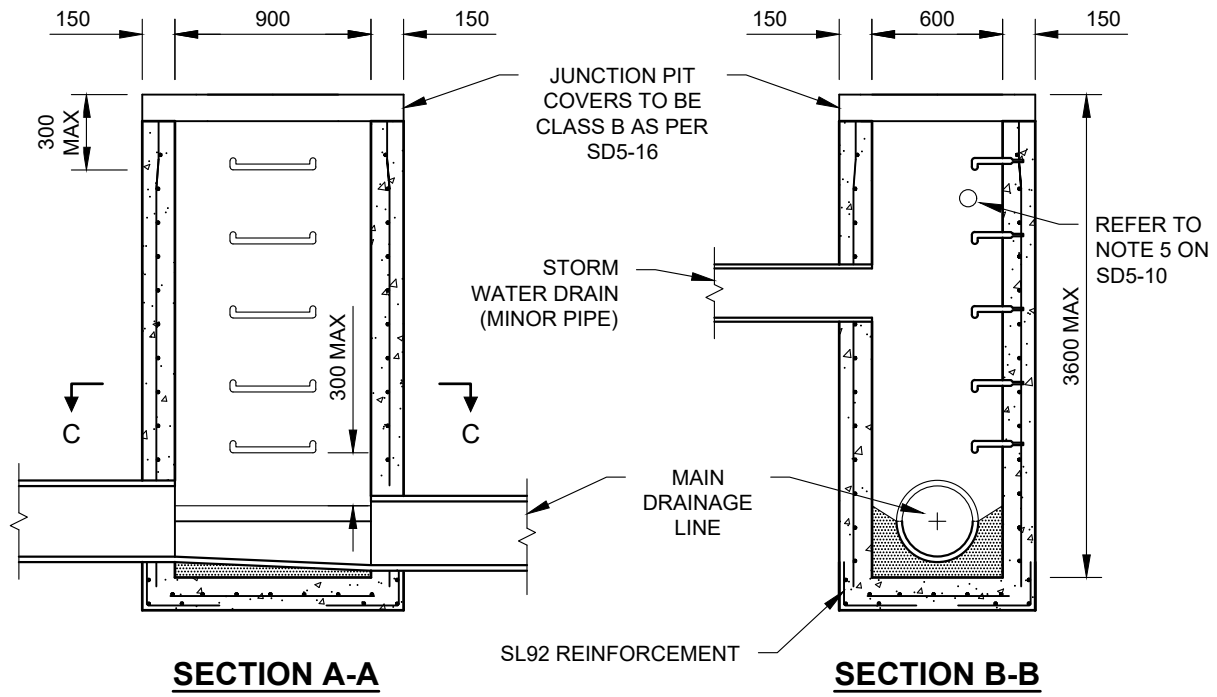
STEP IRON DETAILS		

CAD FILE: SD5-7.DWG
DRAWN DATE: FEB 2024
REVISION: C
DRAWING NO.: SD5-7

GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

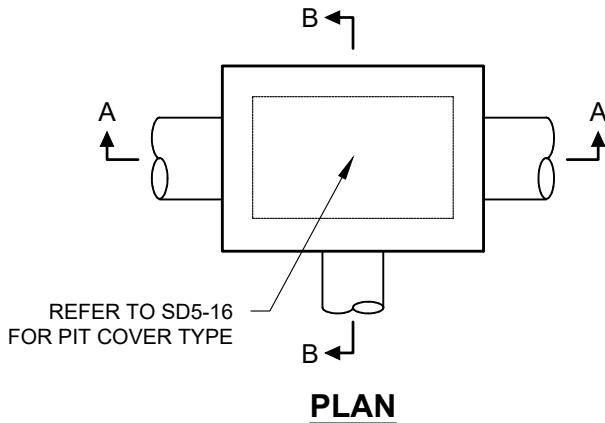
Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-8.dwg (28 May, 2024)



CORNER DETAILS (PLAN VIEW)

NOTES

1. REFER TO NOTES 1-15 ON SD5-10.



PLAN

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		24-05-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

STORM WATER JUNCTION PIT FOR PIPES UP TO 525mm DIAMETER AND 3600mm MAXIMUM DEPTH



45 PRINCES HIGHWAY
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CAD FILE: SD5-8.DWG

DRAWN DATE: FEB 2024

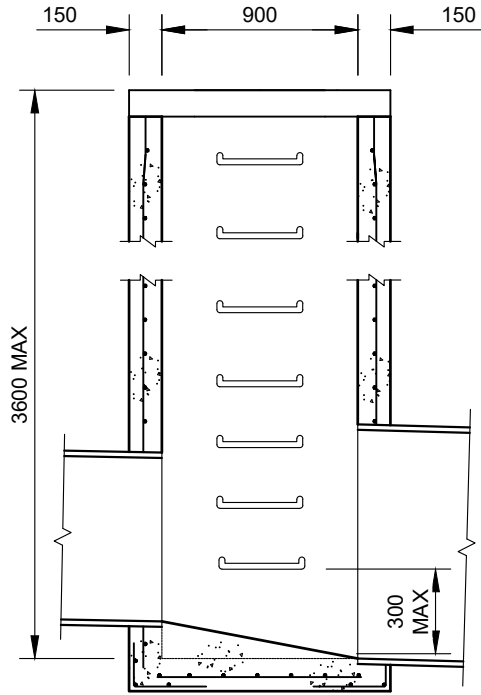
REVISION: C

DRAWING NO.:

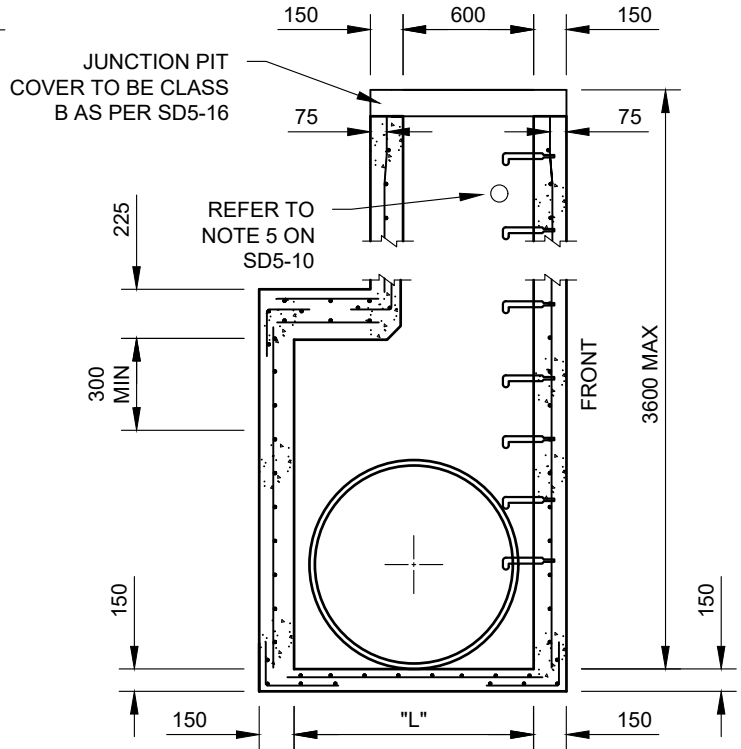
SD5-8

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-9.dwg (28 May, 2024)



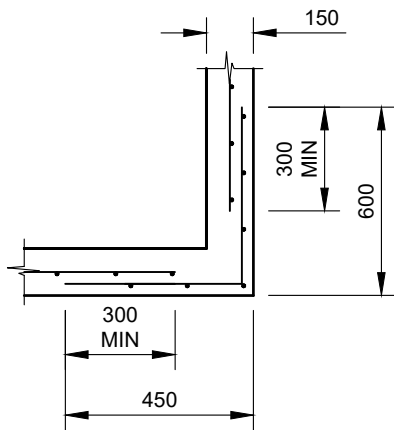
SECTION A - A



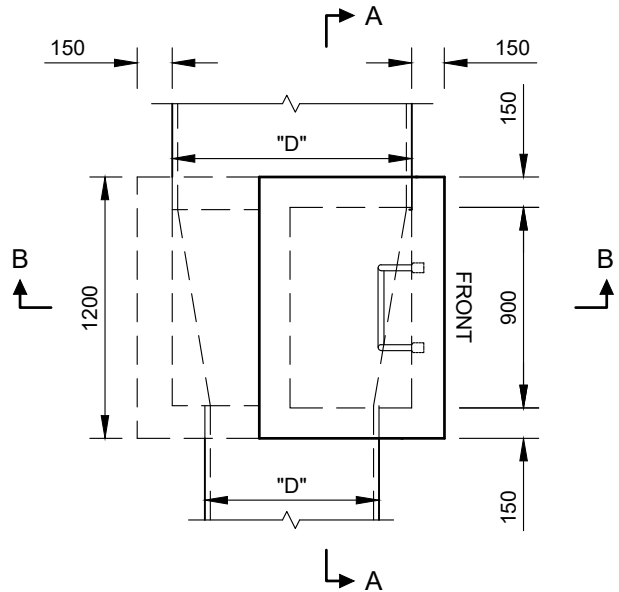
SECTION B - B

PIT LENGTH "L"	REINFORCEMENT
UP TO 1200	SL 92
1201-1800	RL 918
1801-2400	RL 1218

REINFORCEMENT DETAILS



CORNER DETAILS (PLAN VIEW)



PLAN

NOTES
1. REFER TO NOTES 1-17 ON SD5-10.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		28-05-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

STORM WATER JUNCTION PIT
FOR PIPES 600mm DIAMETER AND
GREATER, WITH 3600mm MAXIMUM DEPTH



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CAD FILE: SD5-9.DWG

DRAWN DATE: FEB 2024

REVISION: C


DRAWING NO.:

SD5-9

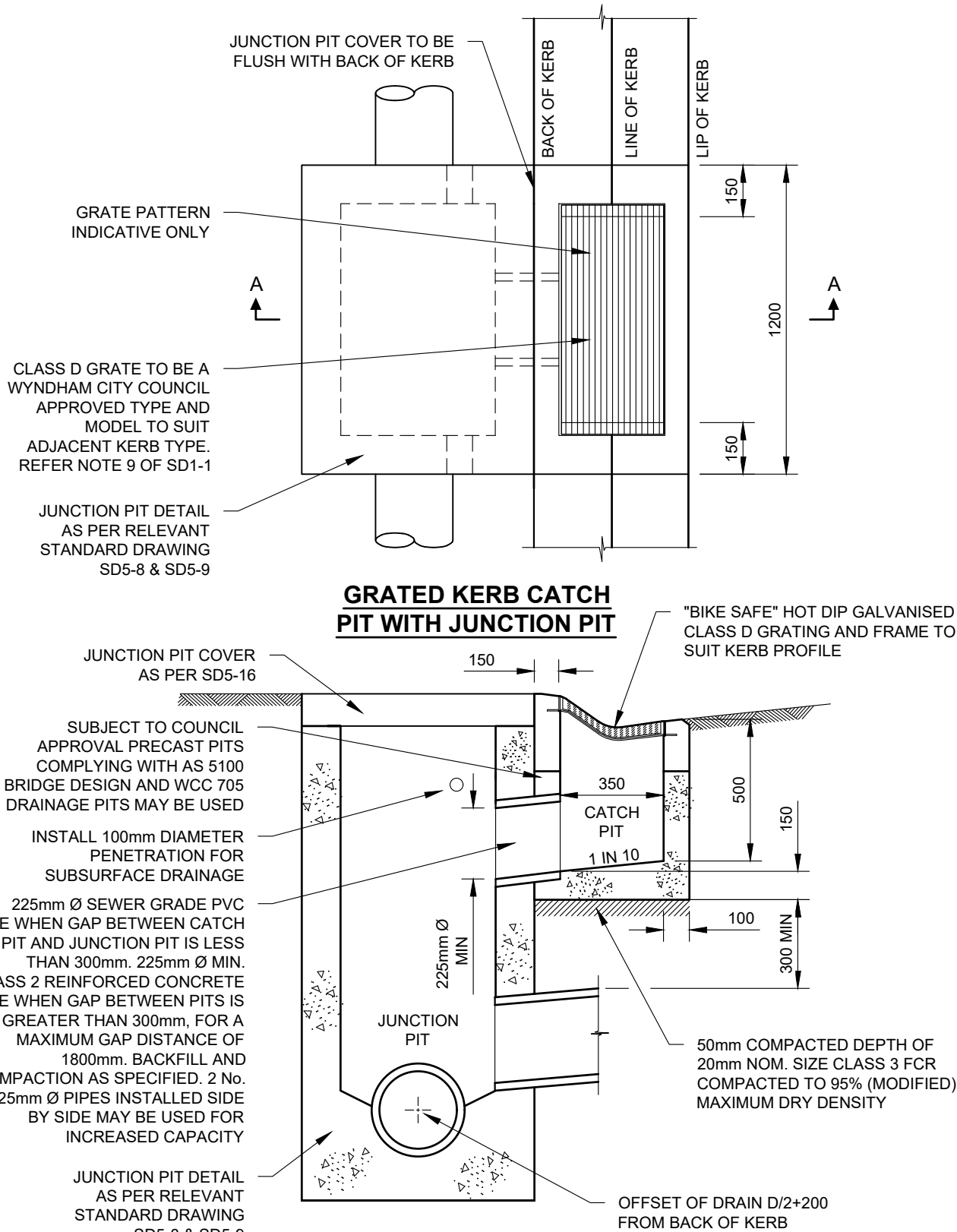
GENERAL NOTES:
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-10.dwg (28 May, 2024)

- ### **NOTES THAT ONLY APPLY TO SD5-9**

- | | | | | | |
|----------------|--------------------------------------|------------|----------|---|-------------------------------|
| REV | AMENDMENTS | APPROVAL | DATE | <div>NOTES FOR STORM WATER JUNCTION PITS</div> <div>  <div> 45 PRINCES HIGHWAY
WERRIBEE, VIC 3030 </div> <div> TEL: 1300 023 411
wyndham.vic.gov.au </div> </div> | CAD FILE: SD5-10.DWG |
| B | MINOR DRAFTING MODIFICATIONS | | 28-05-07 | | DRAWN DATE: FEB 2024 |
| C | UPDATED TO REFLECT CURRENT STANDARDS | M.BRIGANDI | 21-05-24 | | REVISION: C |
| | | | | | DRAWING NO.:
SD5-10 |
| | | | | | |
| GENERAL NOTES: | | | | -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE). | |

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-13(i).dwg (28 May, 2024)



SECTION A-A

NOTES :

1. CONCRETE STRENGTH OF 32MPa AT 28 DAYS.
2. BEDDING AS PER WCC SPECIFICATION 705 - DRAINAGE PITS AND COVERS.
3. CHANNEL GRATES TO COMPLY WITH AS 3996, BE FITTED WITH AN APPROVED LOCKING DEVICE AND HAVE A CLEAR OPENING OF 900mm X 350mm.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		17-05-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

GRATED KERB CATCH PIT FOR SM2, WSM2 AND M2 KERB TYPES WITH JUNCTION PIT



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CAD FILE: SD5-13(i).DWG

DRAWN DATE: FEB 2024

REVISION: C

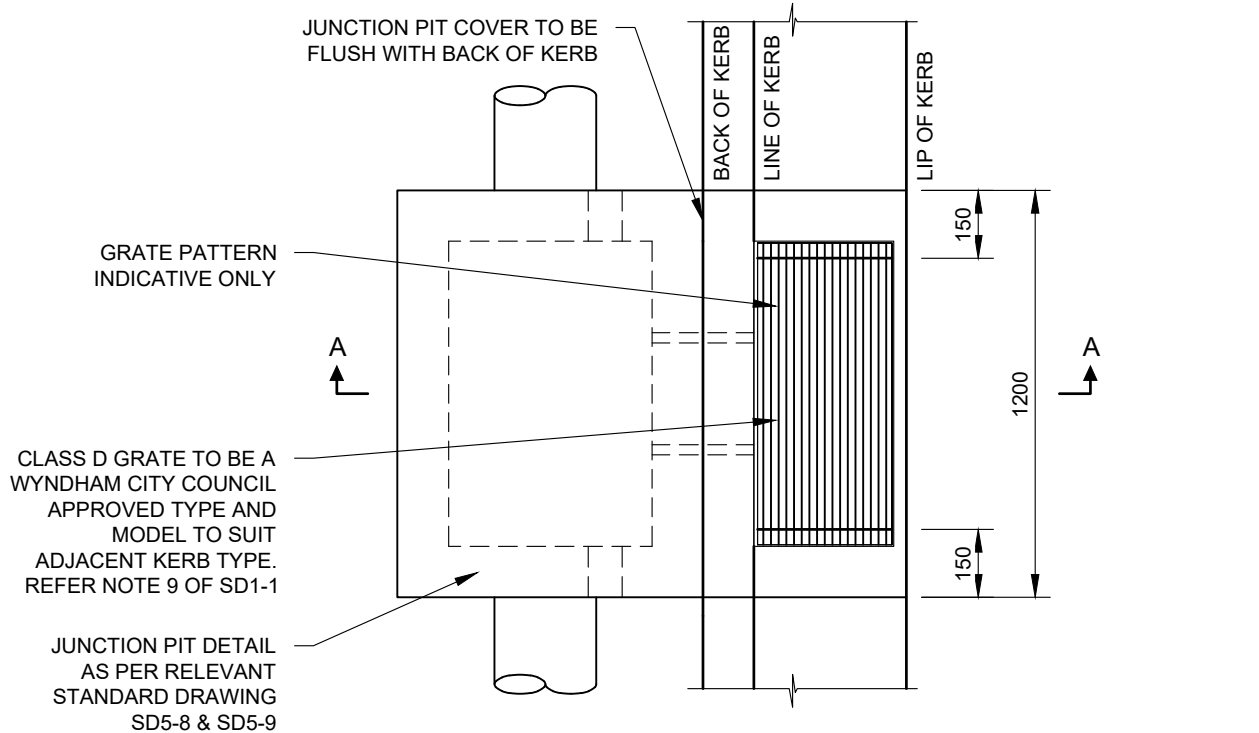
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SD5-13(i)

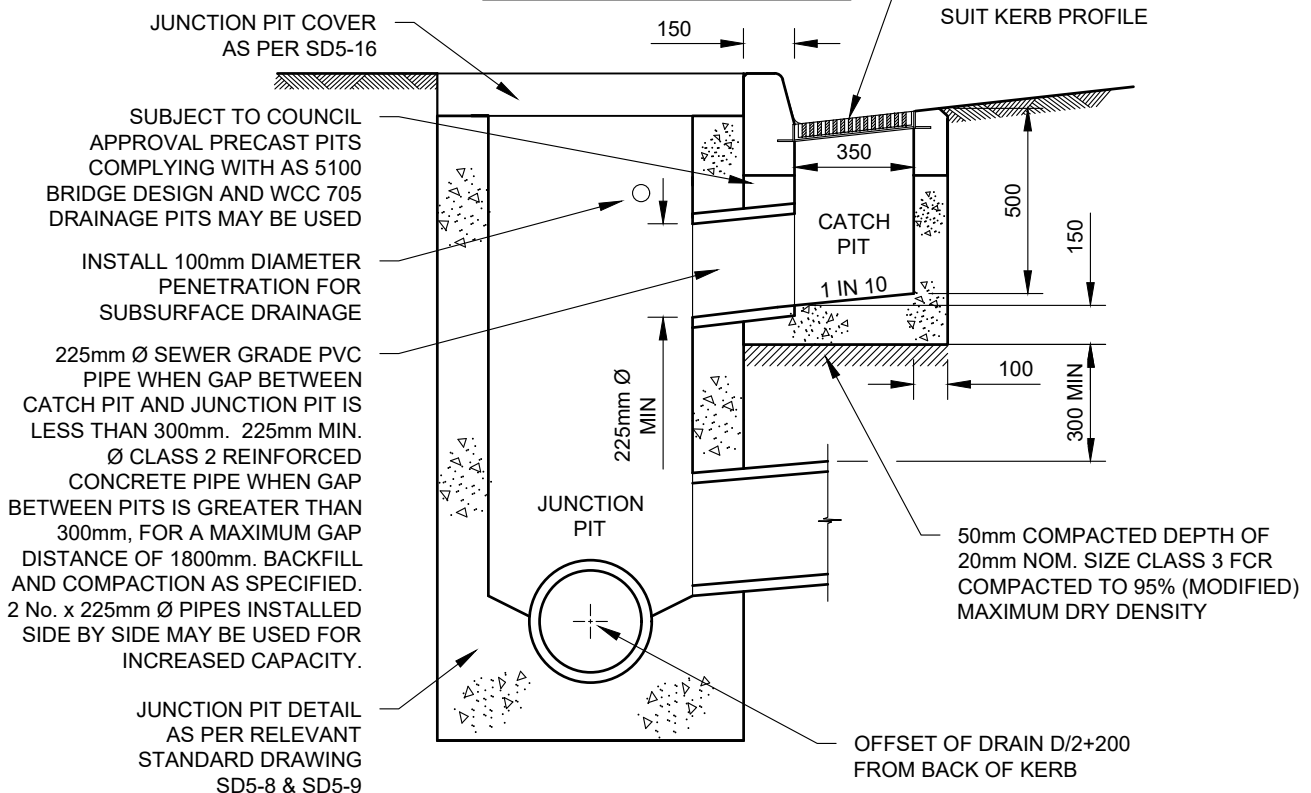
GENERAL NOTES:

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- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-14(i).dwg (28 May, 2024)



GRATED KERB CATCH PIT WITH JUNCTION PIT



SECTION A-A

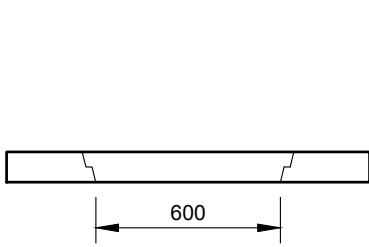
NOTES :

1. CONCRETE STRENGTH OF 32MPa AT 28 DAYS.
2. BEDDING AS PER WCC SPECIFICATION 705 - DRAINAGE PITS AND COVERS.
3. CHANNEL GRATES TO COMPLY WITH AS 3996, BE FITTED WITH AN APPROVED LOCKING DEVICE AND HAVE A CLEAR OPENING OF 900mm X 350mm.

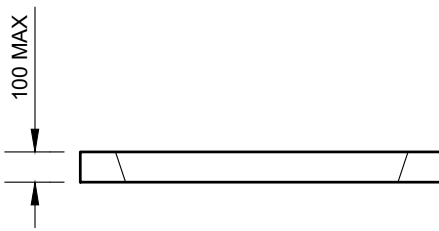
REV	AMENDMENTS	APPROVAL	DATE	GRATED KERB CATCH PIT FOR WB2 KERB TYPE WITH JUNCTION PIT	CAD FILE: SD5-14(i).DWG
B	MINOR DRAFTING MODIFICATIONS		12-06-08		DRAWN DATE: FEB 2024
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24	 45 PRINCES HIGHWAY WERRIBEE, VIC 3030 TEL: 1300 023 411 wyndham.vic.gov.au	REVISION: C
					DRAWING NO.: SD5-14(i)

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-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

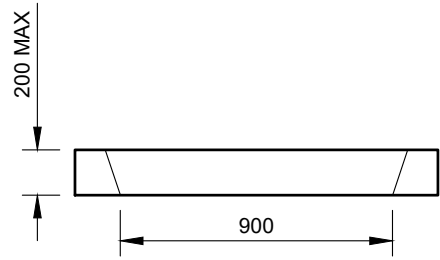
Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD5-16.dwg (28 May, 2024)



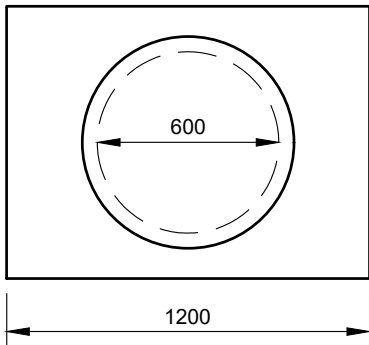
**SECTION VIEW
CLASS B**



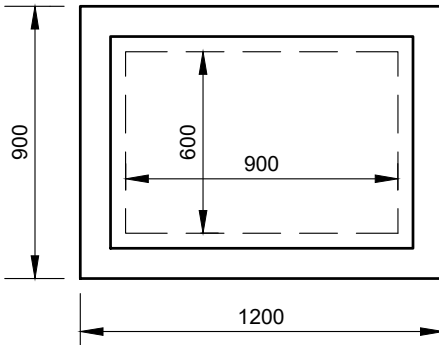
**SECTION VIEW
CLASS B**



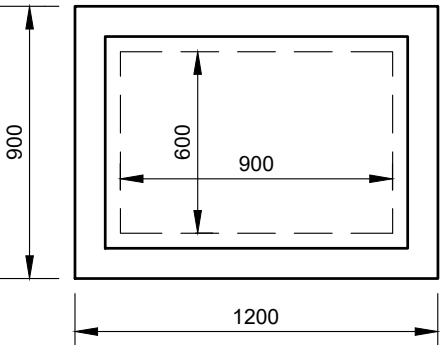
**SECTION VIEW
CLASS D**



**CLASS B
JUNCTION PIT
COVER PLAN**



**CLASS B
JUNCTION PIT
COVER PLAN**



**CLASS D
JUNCTION PIT
COVER PLAN**

NOTES :

1. ALL JUNCTION PIT COVERS, INSERTS, FRAMES, LIFTING KEYHOLES AND LUGS SHALL COMPLY WITH AS 3996.
2. CLASS D HEAVY DUTY JUNCTION PIT COVER TO BE USED WHERE;
 - JUNCTION PITS ARE LOCATED WITHIN THE ROAD PAVEMENT.
 - JUNCTION PITS ARE LOCATED WITHIN 0.75m OF INDUSTRIAL VEHICLE CROSSINGS.
 - AS SPECIFIED OR DIRECTED BY WYNDHAM CITY COUNCIL.
 - JUNCTION PIT COVER IS POSSIBLY SUBJECTED TO HEAVY TRAFFIC.
3. JUNCTION PIT COVERS TO BE A WYNDHAM CITY COUNCIL APPROVED TYPE AND MODEL. REFER TO NOTES 8 & 9 OF SD1-1.
4. PIT COVERS TO BE IMPRINTED WITH THE CLASS OF THE COVER AND WEIGHT.
5. WHERE POLYMERIC PIT COVERS ARE USED, THEY ARE TO BE FITTED WITH AN APPROVED LOCKING DEVICE AND INSTALLED TO OPEN ON THE VERGE SIDE OF THE ROAD.
6. WHERE POLYMERIC PIT COVERS ARE USED, THEY ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND HAVE A CLEAR OPENING OF 900mm X 600mm.
7. CONCRETE PIT COVERS TO BE INSTALLED ON A 5mm BED OF MORTAR.

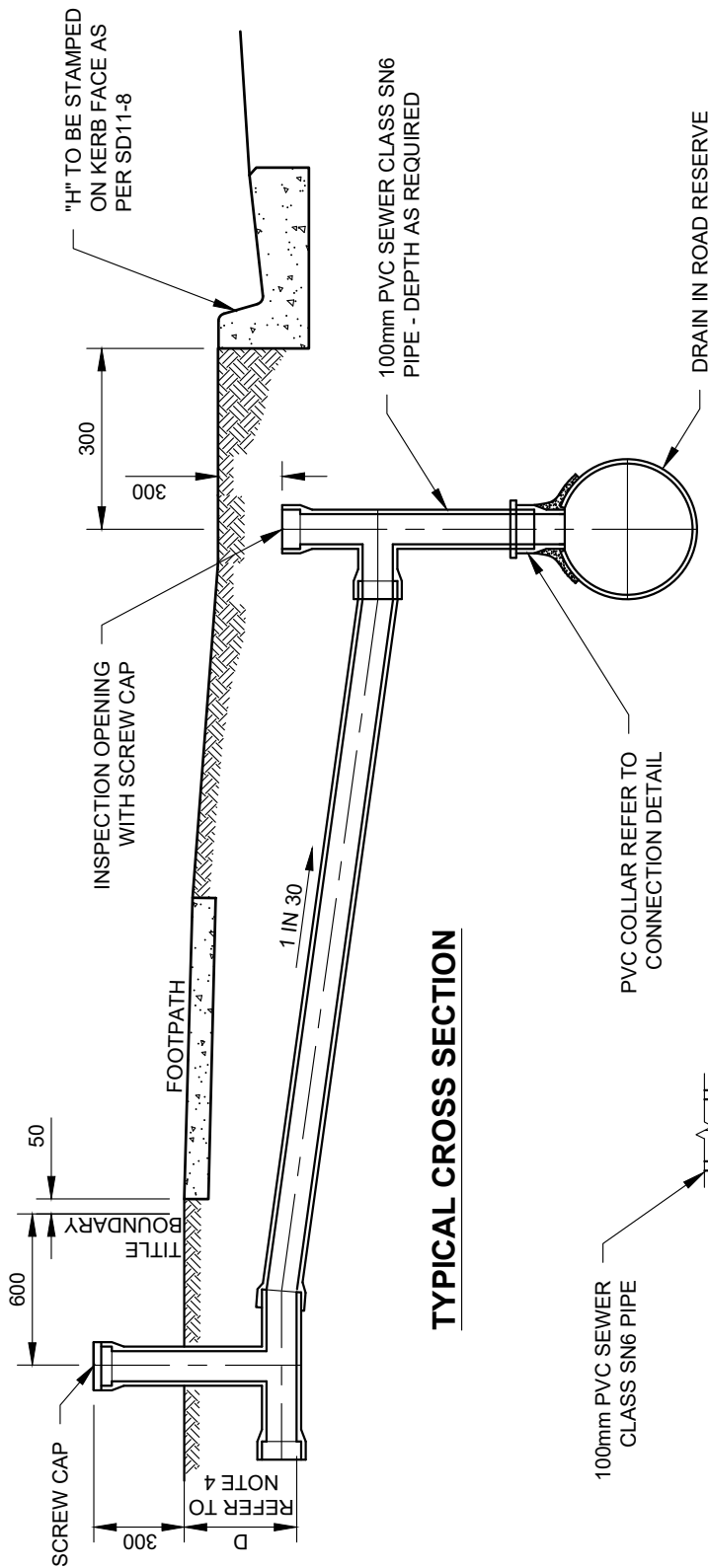
REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		12-06-08
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

JUNCTION PIT COVERS INSERT & FRAME		
		
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CAD FILE: SD5-16.DWG
DRAWN DATE: FEB 2024
REVISION: C
DRAWING NO.: SD5-16

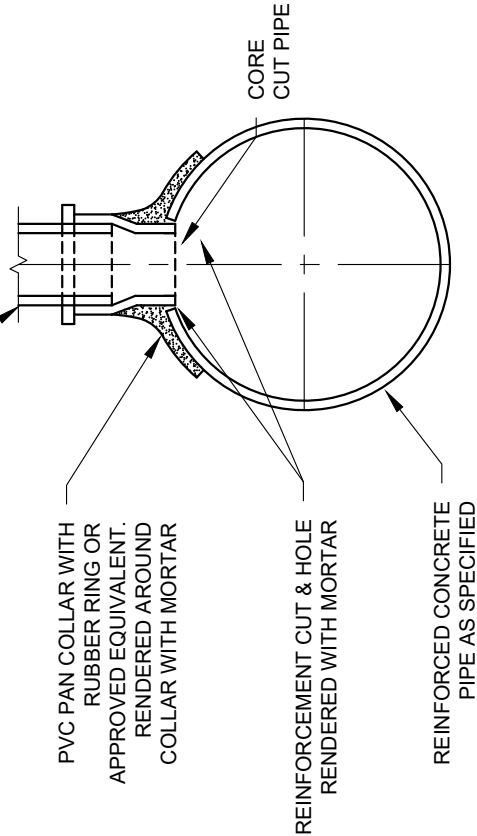
GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD6-2.dwg (29 May, 2024)



TYPICAL CROSS SECTION

- NOTES:
1. FOR DRAINS WITH INVERTS 600mm DEEP OR LESS FROM FINISH SURFACE, REFER TO SD6-3 (EASEMENT CONNECTION TO PIPE).
 2. ALL PROPERTY CONNECTION PIPES AND FITTINGS TO BE OF 100mm PVC SEWER CLASS SN6. REFER AS 1260.
 3. ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT OR RUBBER RING JOINTS.
 4. DEPTH 'D' = 400mm MINIMUM UNLESS OTHERWISE APPROVED BY COUNCIL.
 5. BACKFILL AROUND RISER PIPE WITH CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE.
 6. BED PROPERTY CONNECTION PIPE ON 50mm COMPACTED 20mm CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE.
 7. BACKFILL TRENCH WITH CLASS 3 20mm CRUSHED ROCK OR CLASS 3 20mm CRUSHED CONCRETE TO 100mm ABOVE THE PROPERTY CONNECTION.
 8. NOT APPLICABLE TO MELBOURNE WATER CORPORATION (MWC) DRAINAGE ASSETS. FOR MWC WORKS REFER TO MWC LAND DEVELOPMENT MANUAL.
 9. WHERE INSPECTION OPENINGS ARE LOCATED WITHIN A PAVED SURFACE, AN APPROVED HEAVY DUTY CAST IRON FITZROY BOX MUST BE INSTALLED.



DETAIL

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		16-05-07
C	INCREASED HD INSPECTION POINT COVER TO 300mm		01-09-09
D	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

PROPERTY CONNECTION TO UNDERGROUND DRAIN



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CAD FILE: SD6-2.DWG

DRAWN DATE: FEB 2024

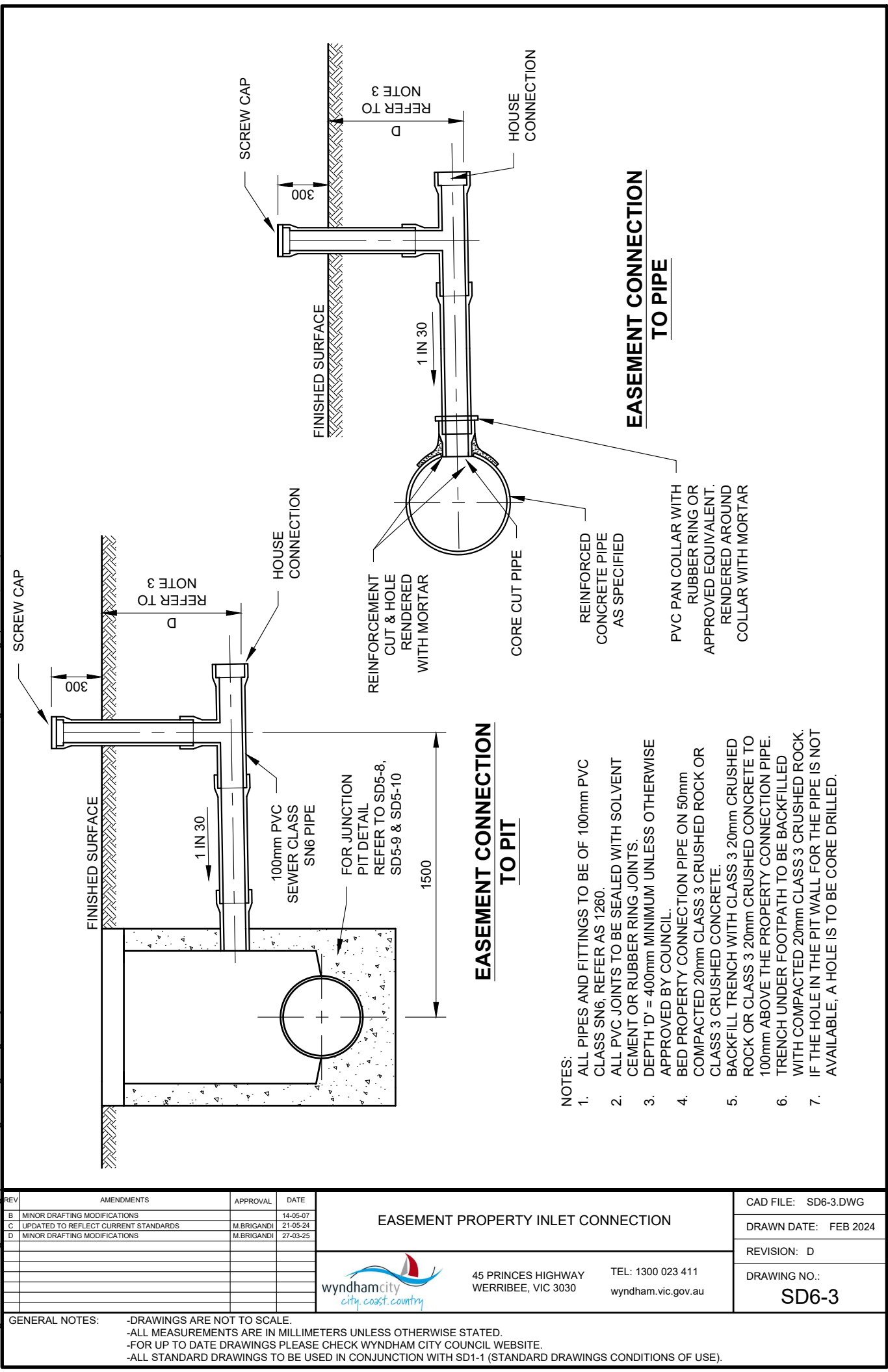
REVISION: D

DRAWING NO.:

SD6-2

GENERAL NOTES:

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- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).



EASEMENT CONNECTION TO PIT

EASEMENT CONNECTION TO PIPE

NOTES:

1. ALL PIPES AND FITTINGS TO BE OF 100mm PVC CLASS SN6, REFER AS 1260.
2. ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT OR RUBBER RING JOINTS.
3. DEPTH 'D' = 400mm MINIMUM UNLESS OTHERWISE APPROVED BY COUNCIL.
4. BED PROPERTY CONNECTION PIPE ON 50mm COMPACTED 20mm CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE.
5. BACKFILL TRENCH WITH CLASS 3 20mm CRUSHED ROCK OR CLASS 3 20mm CRUSHED CONCRETE TO 100mm ABOVE THE PROPERTY CONNECTION PIPE.
6. TRENCH UNDER FOOTPATH TO BE BACKFILLED WITH COMPACTED 20mm CLASS 3 CRUSHED ROCK.
7. IF THE HOLE IN THE PIT WALL FOR THE PIPE IS NOT AVAILABLE, A HOLE IS TO BE CORE DRILLED.

GENERAL NOTES:

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[illegible]

EASEMENT PROPERTY INLET CONNECTION



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DRAWN DATE: FEB 2024

REVISION: D

DRAWING NO.:

SD6-3

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-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).



TYPICAL CROSS SECTION UNDER PAVEMENT

TYPICAL CROSS
SECTION WITHIN
ROAD RESERVE

NOTES:

1. COMPACTION TESTS TO BE UNDERTAKEN BY A NATA REGISTERED TESTER FOR SEWER AND DRAINAGE TRENCH BACKFILL, AND THE RESULTS FORWARDED TO WYNDHAM CITY COUNCIL'S CONSTRUCTION SUPERVISOR.
2. REFER TO WYNDHAM CITY COUNCIL'S GENERAL SPECIFICATION, SECTION 701, FOR DETAILS ON MATERIALS AND COMPACTION CRITERIA.
3. TRENCH WIDTH = PIPE OUTSIDE DIAMETER + 400mm.
4. IF TRENCH IS IN/THROUGH EXISTING PAVEMENT, REINSTATEMENT WIDTH OF PAVEMENT IS:
 - WEARING COURSE = TRENCH WIDTH + 1000mm EACH SIDE OF TRENCH.

[illegible]

CULVERT TRENCH BACKFILLING SPECIFICATIONS



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CAD FILE: SD6-10A.DWG

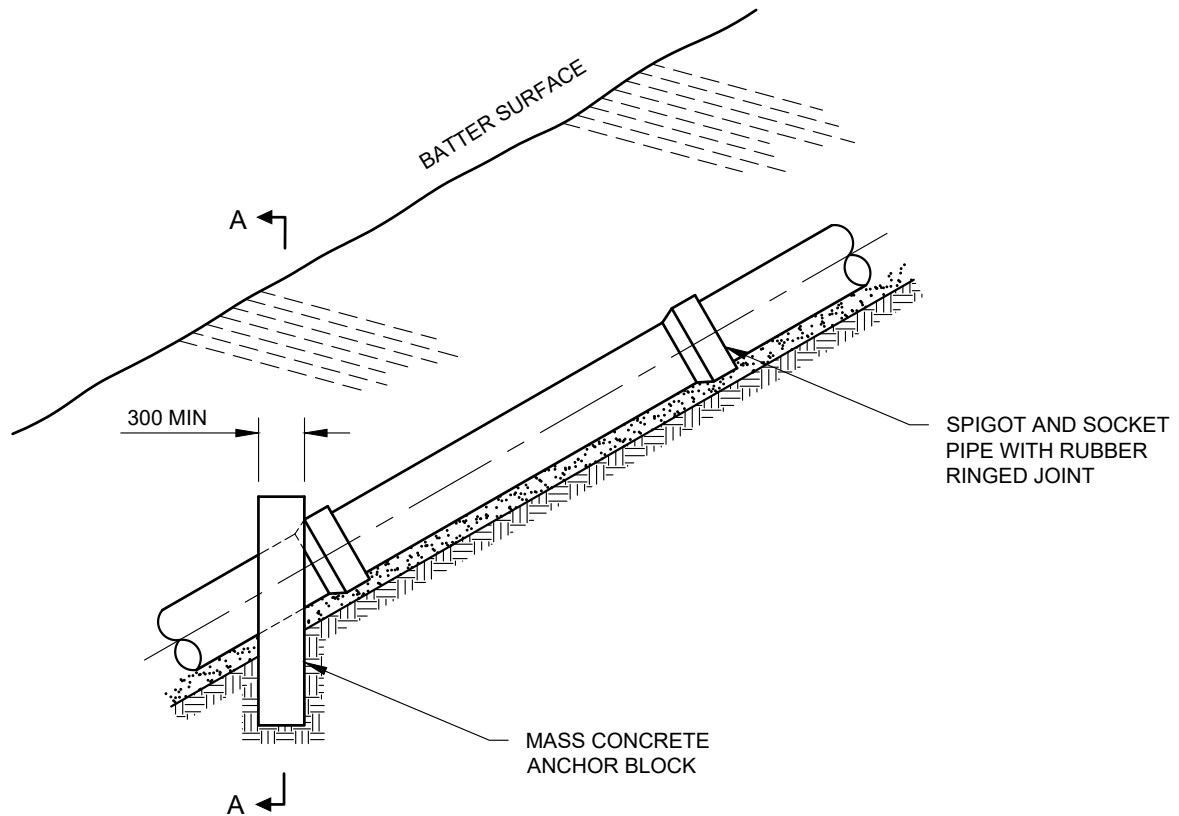
DRAWN DATE: FEB 2024

REVISION: C

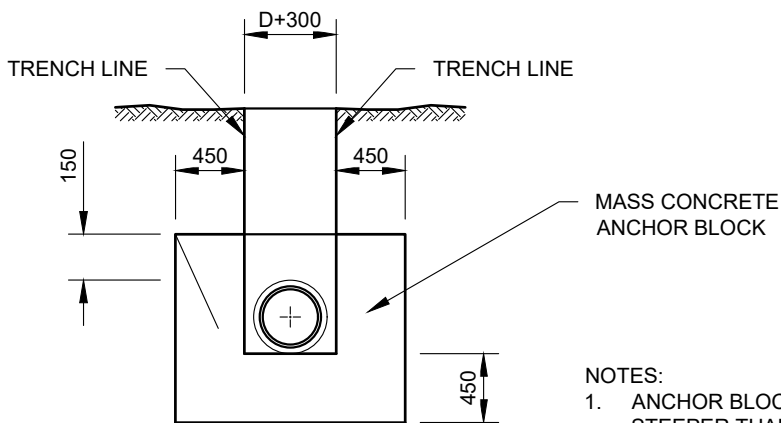
DRAWING NO.:
SD6-10A

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD6-11.dwg (28 May, 2024)



SECTION VIEW



SECTION A-A

NOTES:

1. ANCHOR BLOCKS TO BE USED WHERE THE PIPE SLOPE IS STEEPER THAN 1 IN 3 AND PIPE LENGTH IS GREATER THAN 15m.
2. ANCHOR BLOCKS TO BE LOCATED APPROXIMATELY 2.4m FROM THE OUTLET END, AND;
 - (a) AT 6m SPACINGS FOR DRAINAGE LENGTH 15m - 30m.
 - (b) 10m SPACING FROM DRAINAGE LENGTHS 30m - 40m.
 - (c) 15m SPACING FOR DRAINAGE LENGTHS GREATER THAN 40m.
3. CONCRETE STRENGTH OF 25MPa AT 28 DAYS.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		16-05-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

ANCHOR BLOCK DETAILS FOR PIPES UP TO 600 DIAMETER



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CAD FILE: SD6-11.DWG

DRAWN DATE: FEB 2024

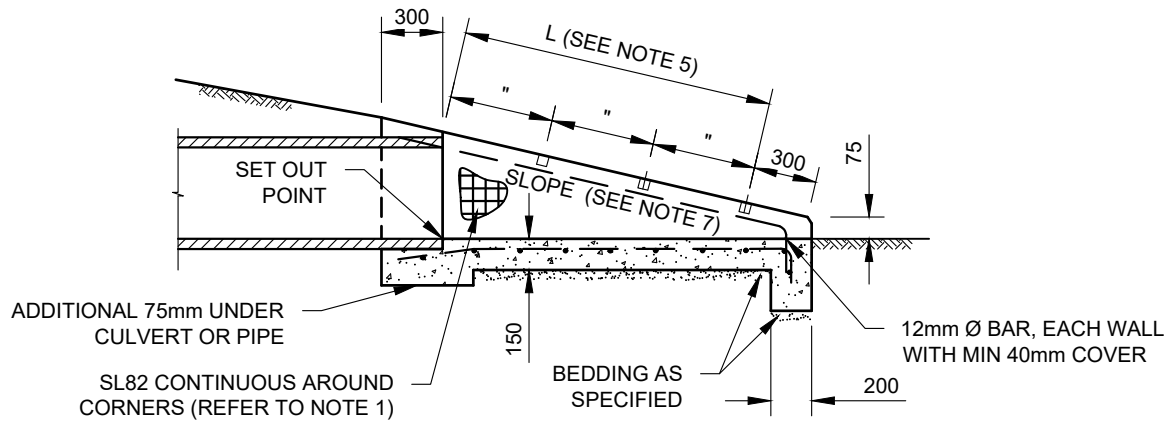
REVISION: C

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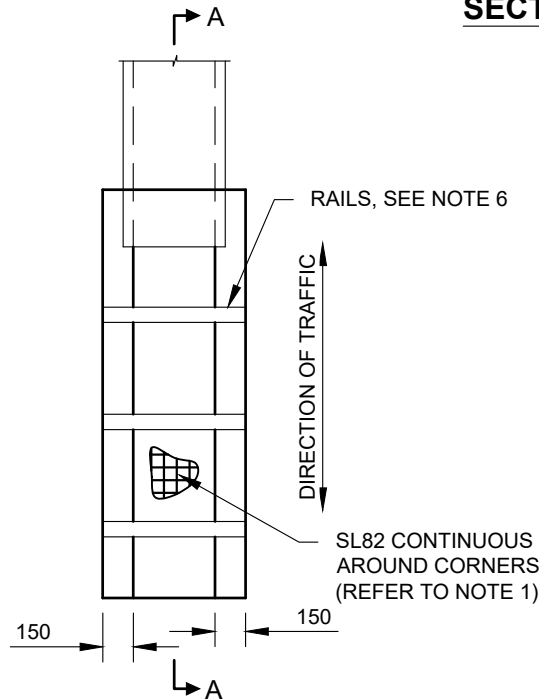
SD6-11

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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD6-14.dwg (28 May, 2024)

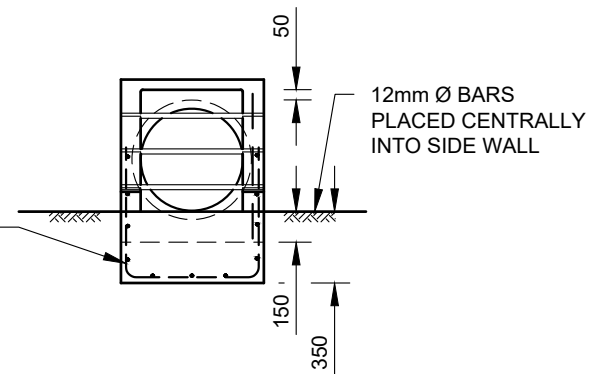


SECTION A-A



PLAN

L (mm)	TOTAL NUMBER OF RAILS
100 - 600	1
601 - 1200	2
1201 - 1800	3
1801 - 2400	4



END ELEVATION

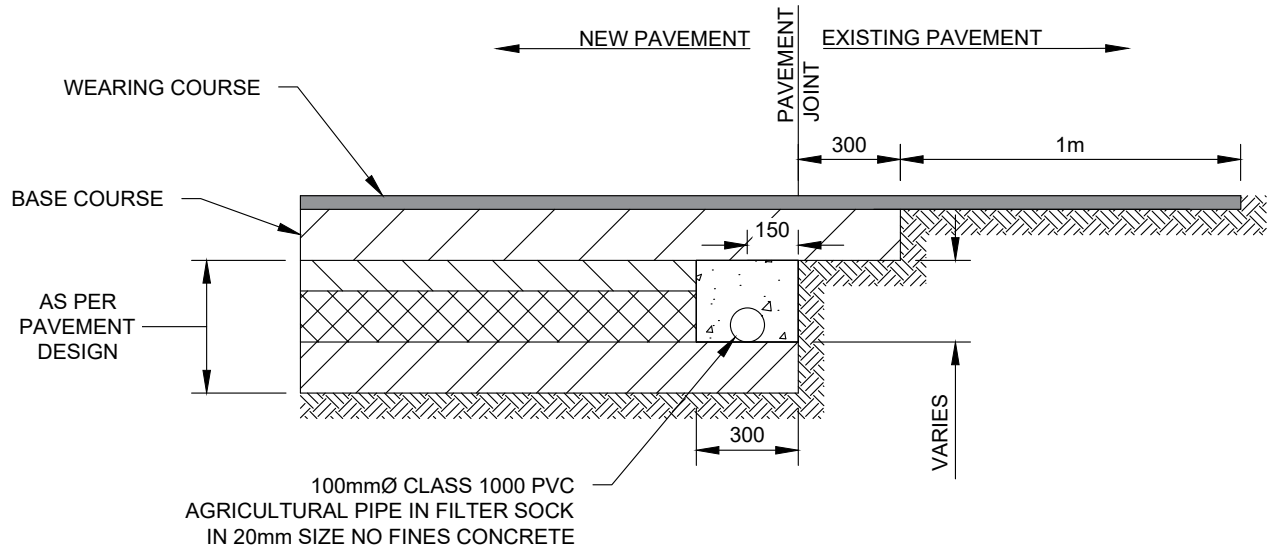
NOTES:

1. REINFORCEMENT, SL82 UNLESS OTHERWISE SPECIFIED, TO BE CONTINUOUS AROUND CORNERS AND LOCATED AS SHOWN. CLEAR COVER 50mm MIN. LAPS: FABRICS 300mm MIN BARS 25mm x BAR DIAMETER MIN.
2. DISTRIBUTION BARS 12mm Ø AT 200mm CENTRES.
3. CONCRETE TO BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER COMPLYING WITH THE REQUIREMENTS OF AS 1379. EXPOSURE CLASSIFICATIONS UP TO AND INCLUDING B1.
4. EXPOSED EDGES TO HAVE 20mm x 20mm CHAMFERS.
5. RAILS WITHIN LENGTH "L" SHALL BE EVENLY SPACED. THE MAXIMUM SPACING SHALL NOT EXCEED 600mm.
6. RAILS ARE 60.3mm DIAMETER GALVANISED TUBES 5.4mm THICK. THESE ARE TO BE GROUTED INTO THE SLOTS IN THE WALLS.
7. SLOPE OF ENDWALL TO MATCH BATTER SLOPE. MAXIMUM SLOPE 1 IN 6.
8. ENDWALLS TO BE CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF AS 3600.

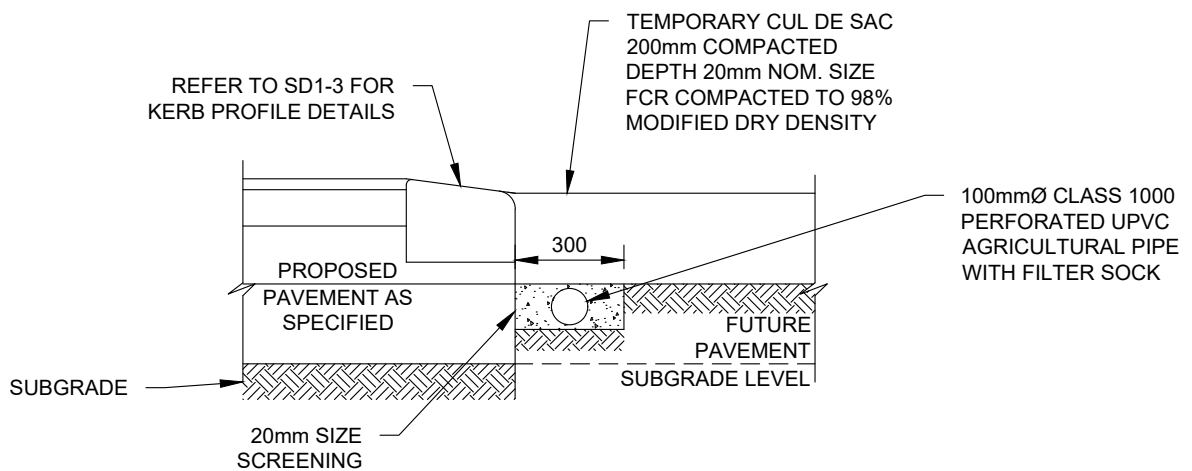
REV	AMENDMENTS	APPROVAL	DATE	DRIVEABLE CULVERT ENDWALL (PIPE CULVERT UP TO 600mm Ø AND BOX CULVERTS UP TO 600mm Ø WIDE)	CAD FILE: SD6-14.DWG
B	MINOR DRAFTING MODIFICATIONS, DELETED NOTE 8		16-05-07		
C	MINOR DRAFTING MODIFICATIONS		09-12-09	wyndhamcity city.coast.country	DRAWN DATE: FEB 2024
D	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24		REVISION: D
				45 PRINCES HIGHWAY WERRIBEE, VIC 3030	DRAWING NO.: SD6-14
				TEL: 1300 023 411 wyndham.vic.gov.au	

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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD7-2.dwg (27 Mar, 2025)



SUBSURFACE DRAIN AT INTERSECTING PAVEMENTS



TEMPORARY EDGE STRIP

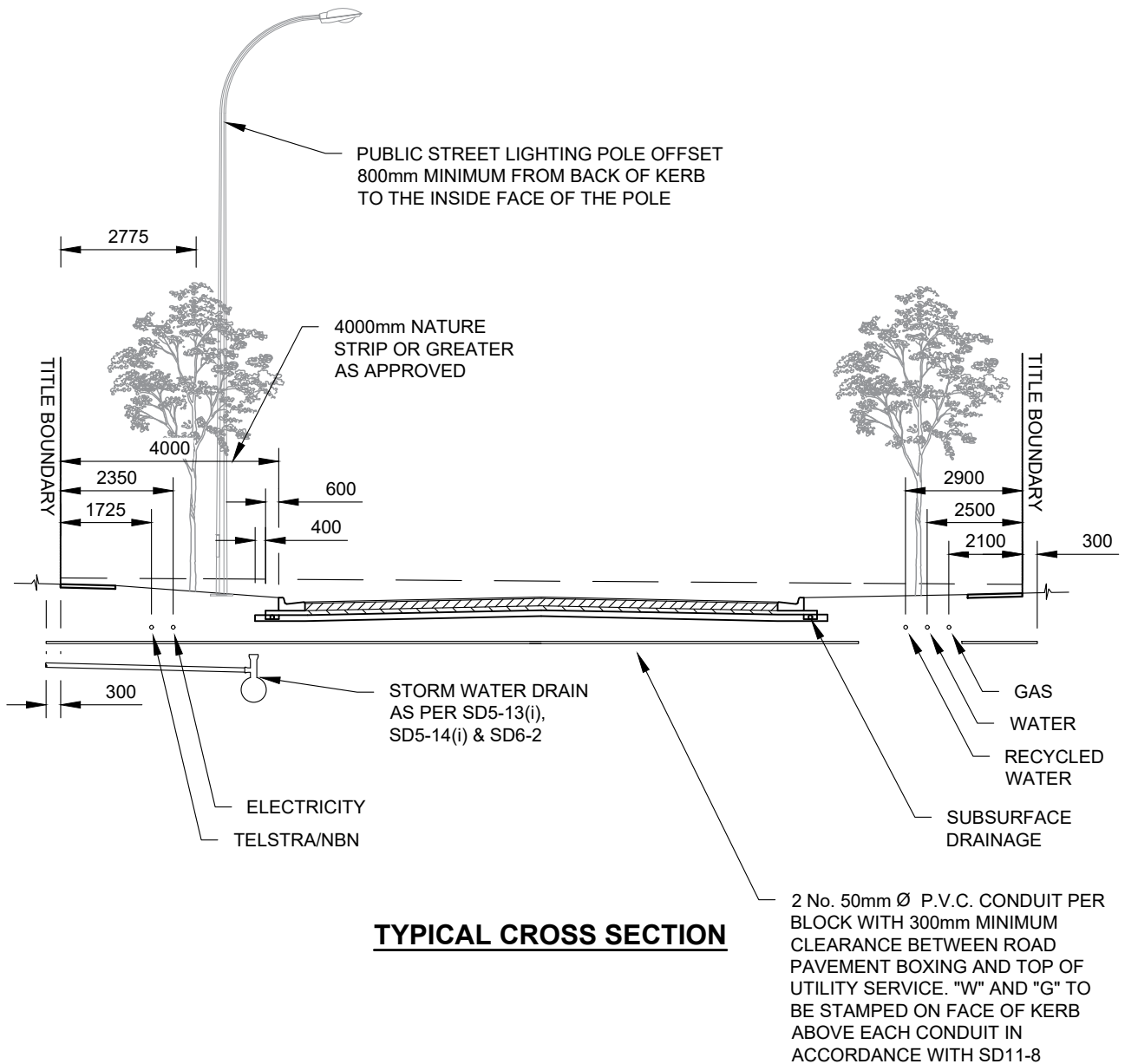
NOTES:

1. PAVEMENT PERMEABLE SUB-BASE TO EXTEND OVER AGRICULTURAL DRAINS .
2. THICKNESS OF PERMEABLE SUB-BASE AND SHOULDER AS PER DRAWINGS.
3. MINIMUM GRADE OF SUBSURFACE DRAINS TO BE 1 IN 300.
4. WHERE AGRICULTURAL DRAINS TO BE PROVIDED UNDER KERB, NO FINES CONCRETE TO BE USED AS BACKFILL.
5. TEMPORARY SUBSURFACE DRAIN & KERB TO BE REMOVED WHEN FUTURE PAVEMENT IS BEING CONSTRUCTED.

REV	AMENDMENTS	APPROVAL	DATE	SUBSURFACE DRAINAGE		CAD FILE: SD7-2.DWG
A	DELETED AND EDITED NOTES, ADDED 3%		22-04-2007			DRAWN DATE: FEB 2024
B	MINOR DRAFTING MODIFICATIONS		19-06-2007	 45 PRINCES HIGHWAY WERRIBEE, VIC 3030 TEL: 1300 023 411 wyndham.vic.gov.au		REVISION: E
C	MINOR DRAFTING MODIFICATIONS		12-01-2010			DRAWING NO.: SD7-2
D	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24			
E	MINOR DRAFTING UPDATES	M.BRIGANDI	27-03-25			

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD8-1.dwg (28 May, 2024)



NOTES:

1. WATER OFFSET TO BE 2250mm IF GAS IS ON THE OPPOSITE SIDE OF THE STREET.
2. SERVICE OFFSETS TO BE APPROVED BY SUBDIVISIONS ENGINEER FOR NEW SUBDIVISION WORKS.
3. CONDUITS TO EXTEND TO 1500mm BEHIND BACK OF KERB. GAS CONDUIT TO EXTEND 300mm INTO THE ALLOTMENT WHERE FOOTPATH IS TO BE CONSTRUCTED AND 300mm PAST OFF STREET PARKING BAYS.
4. CONDUITS TO BE 300mm PVC CLASS 12 IN INDUSTRIAL AND COMMERCIAL ESTATES.
5. APPROVAL FROM COUNCIL AND THE APPROPRIATE SERVICE AUTHORITY IS REQUIRED FOR CHANGES TO SERVICE OFFSETS.
6. WHERE ONE FOOTPATH IS TO BE PROVIDED IT IS TO BE LOCATED ON THE LOW SIDE OF THE STREET UNLESS OTHERWISE SPECIFIED.
7. GAS AND WATER ARE TO BE LOCATED ON THE HIGH SIDE OF THE STREET.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		17-07-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

ROAD & STREET CROSS SECTION
TYPICAL SERVICE LOCATIONS



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
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CAD FILE: SD8-1.DWG

DRAWN DATE: FEB 2024

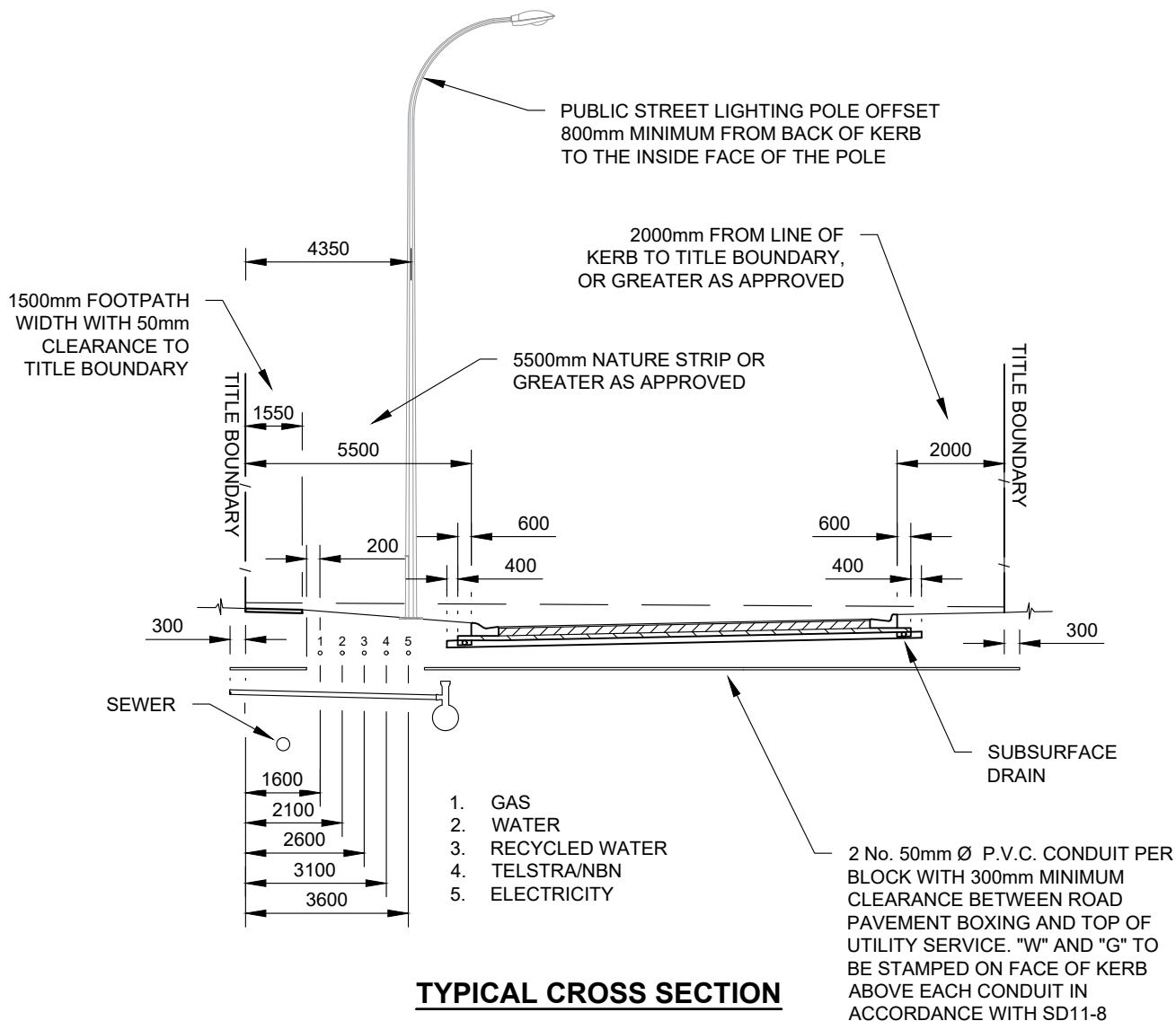
REVISION: C

DRAWING NO.:

SD8-1

GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
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- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).




TYPICAL CROSS SECTION

2 No. 50mm Ø P.V.C. CONDUIT PER
BLOCK WITH 300mm MINIMUM
CLEARANCE BETWEEN ROAD
PAVEMENT BOXING AND TOP OF
UTILITY SERVICE. "W" AND "G" TO
BE STAMPED ON FACE OF KERB
ABOVE EACH CONDUIT IN
ACCORDANCE WITH SD11-8

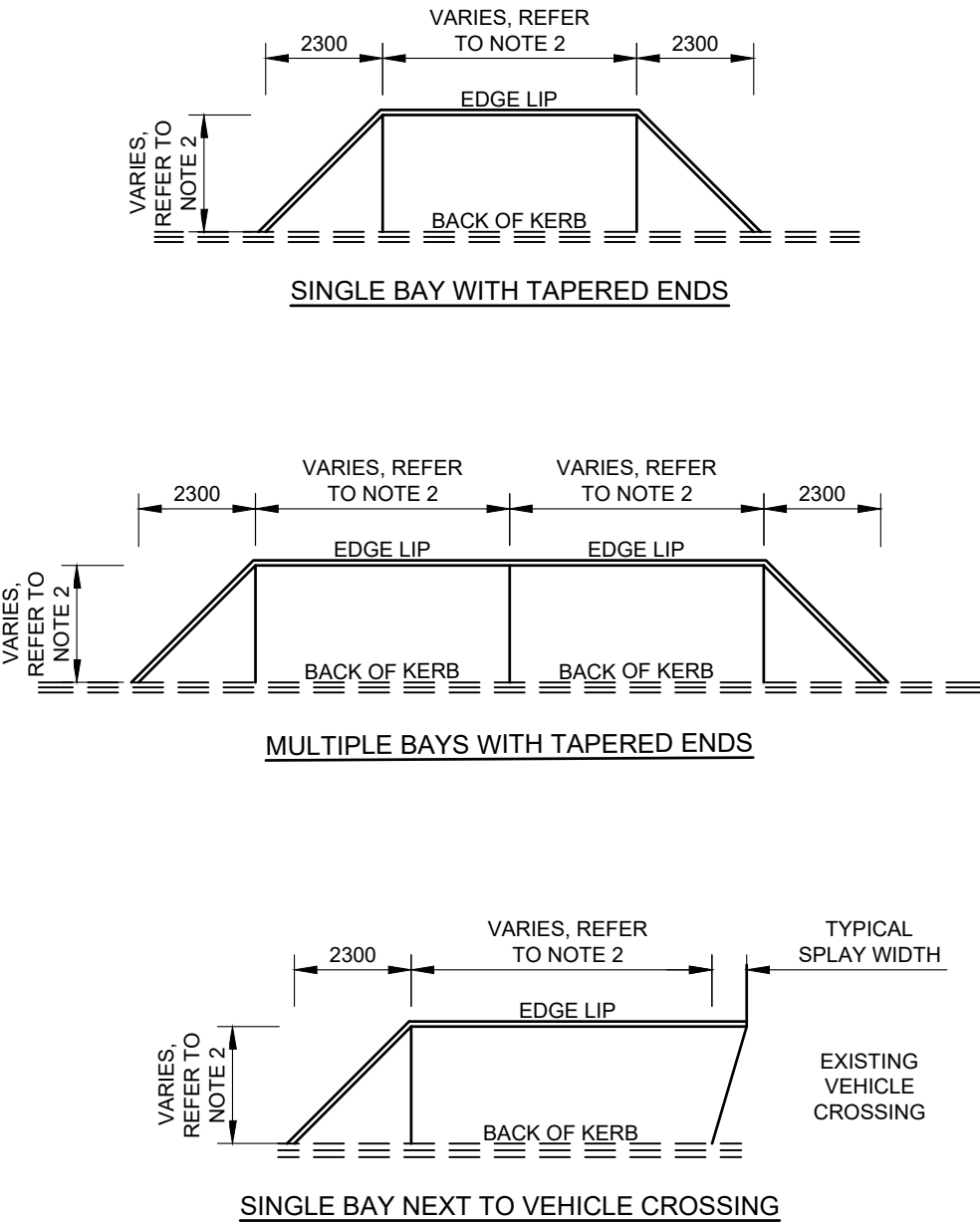
NOTES:

1. SERVICE OFFSETS TO BE APPROVED BY SUBDIVISIONS ENGINEER FOR NEW SUBDIVISION WORKS.
2. CONDUITS TO EXTEND TO 1500mm BEHIND BACK OF KERB. GAS CONDUIT TO EXTEND 300mm INTO THE ALLOTMENT WHERE FOOTPATH IS TO BE CONSTRUCTED AND 300mm PAST OFF STREET PARKING BAYS.
3. CONDUITS TO BE 300mm PVC CLASS 12 IN INDUSTRIAL AND COMMERCIAL ESTATES.
4. APPROVAL FROM COUNCIL AND THE APPROPRIATE SERVICE AUTHORITY IS REQUIRED IF THERE ARE ANY CHANGES TO SERVICE OFFSETS.
5. CRUSHED ROCK BACKFILL FOR GAS & WATER TRENCH.

REV		AMENDMENTS	APPROVAL	DATE	<p align="center">ROAD & STREET CROSS SECTION TYPICAL SERVICE LOCATIONS (LOOP ROAD ABUTTING ARTERIAL/MAIN ROAD)</p>		CAD FILE: SD8-1B.DWG	
B	SERVICE OFFSETS CHANGED			20-01-10			DRAWN DATE: FEB 2024	
C	UPDATED TO REFLECT CURRENT STANDARDS		M.BRIGANDI	21-05-24			REVISION: D	
D	MINOR DRAFTING UPDATES		M.BRIGANDI	10-09-24			DRAWING NO.: SD8-1B	
					 <div> <p>45 PRINCES HIGHWAY WERRIBEE, VIC 3030</p> <p>TEL: 1300 023 411 wyndham.vic.gov.au</p> </div>			

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
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-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD9-1.dwg (28 May, 2024)



- NOTE:
- 1. ON-STREET PARKING BAYS TO BE CONSTRUCTED IN ACCORDANCE WITH SD11-6.
 - 2. PARKING BAY DIMENSIONS FOR ALL TYPES, INCLUDING ACCESSIBLE, PARALLEL AND ANGLED PARKING BAYS, ARE TO BE DESIGNED IN ACCORDANCE WITH AS2890.5.
 - 3. NEATLY TRANSITION PARKING BAY, INCLUDING EDGE LIP, TO MATCH LEVELS OF ABUTTING VEHICLE CROSSINGS AND/OR KERBS.

REV	AMENDMENTS	APPROVAL	DATE	ON-STREET CAR PARKING		CAD FILE: SD9-1.DWG
B	DELETED (NOTE 3), MINOR DRAFTING MODIFICATIONS		17-07-07			DRAWN DATE: FEB 2024
C	TAPER ADDED TO PARKING BAY NEXT TO CROSSOVER		09-12-09	 45 PRINCES HIGHWAY WERRIBEE, VIC 3030		REVISION: D
D	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24			DRAWING NO.: SD9-1
				TEL: 1300 023 411 wyndham.vic.gov.au		

GENERAL NOTES:

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- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

[illegible]

COLLAPSABLE BOLLARD DETAIL



45 PRINCES HIGHWAY
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CAD FILE: SD10-1.DWG

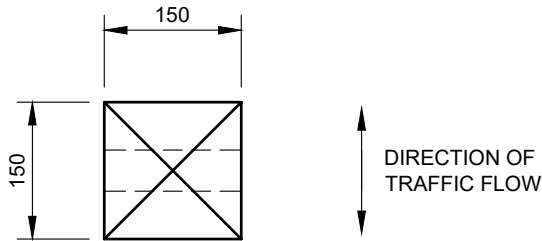
DRAWN DATE: FEB 2024

REVISION: D

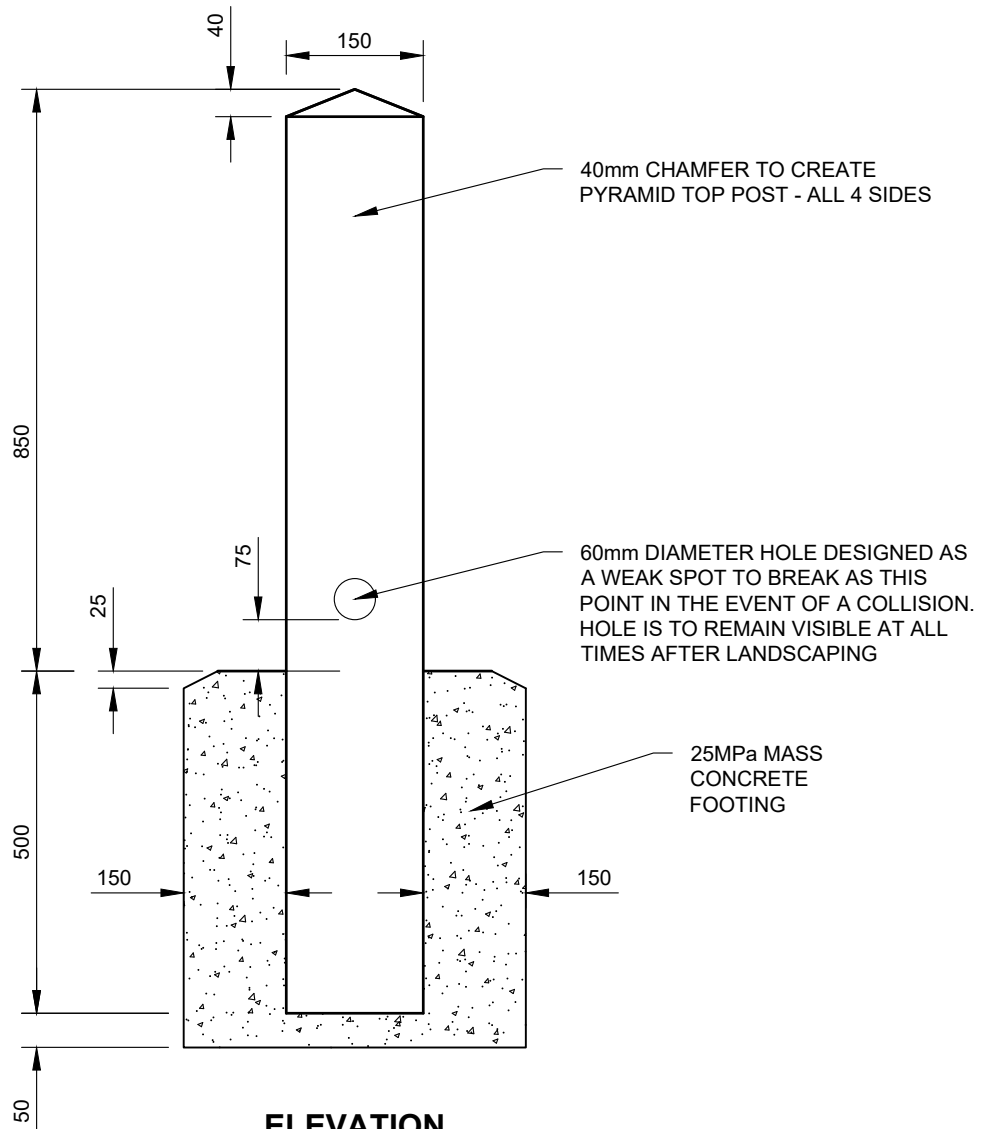
DRAWING NO.:

SD10-1

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).




PLAN OF BOLLARD



- NOTES:**
1. BOLLARDS TO BE OFFSET AT LEAST 1m FROM BACK OF KERB.
 2. ALL DIMENSIONS ARE IN MILLIMETRES.
 3. CONCRETE STRENGTH OF 25MPa AT 28 DAYS.
 4. BOLLARDS ARE TO BE INSTALLED WITH HOLES PERPENDICULAR TO THE DIRECTION OF TRAFFIC.
 5. SPACING BETWEEN BOLLARDS TO BE 1.6m INCLUDING WHEN LOCATED ACROSS A PATH.
 6. DELINEATION AS PER SD10-1 PROVIDED WHEN IN THE VICINITY OF SUP'S OR CYCLE PATH OR AS DIRECTED.
 7. BOLLARDS SHALL BE MADE FROM COMPOSITE MATERIAL, RECYCLED PLASTIC OR FSC TIMBER AS APPROVED BY COUNCIL

REV	AMENDMENTS	APPROVAL	DATE
B	ADDED NOTE 4		12-01-2010
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

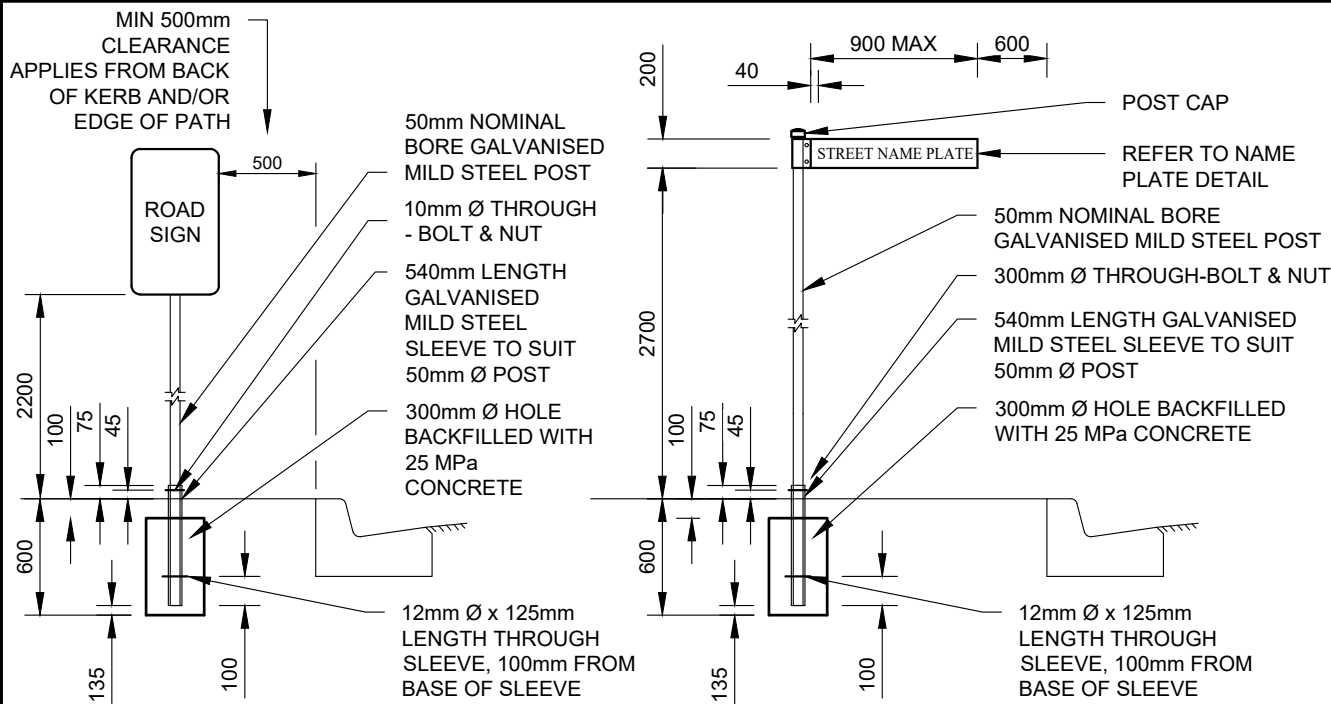
FIXED BOLLARD DETAIL		
		
45 PRINCES HIGHWAY WERRIBEE, VIC 3030	TEL: 1300 023 411 wyndham.vic.gov.au	

CAD FILE: SD10-2.DWG
DRAWN DATE: FEB 2024
REVISION: C
DRAWING NO.: SD10-2

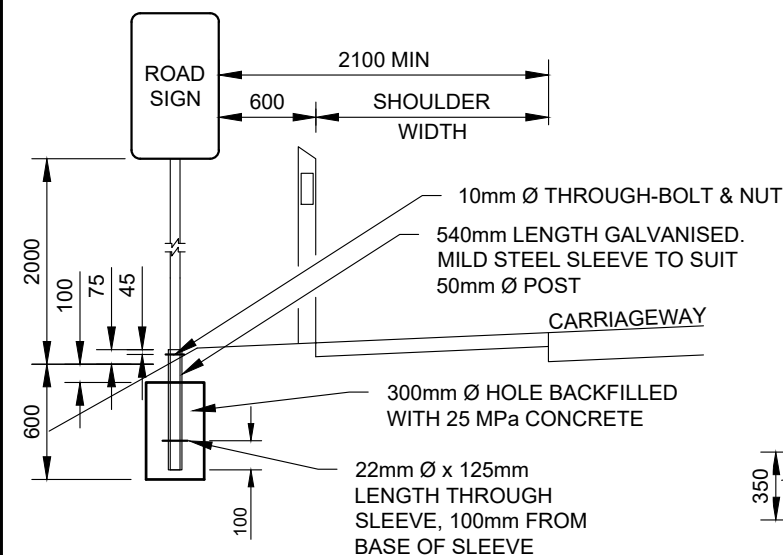
GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

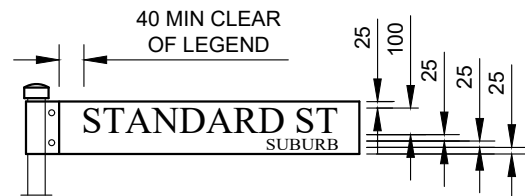
Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD11-1.dwg (28 May, 2024)



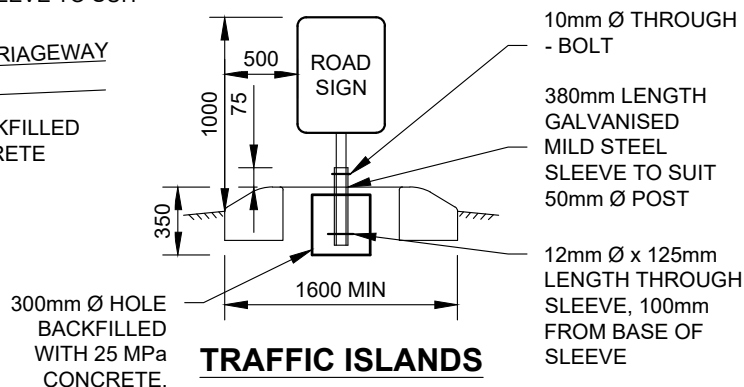
BEHIND BACK OF KERB AND CHANNEL



BEHIND SHOULDER



NAME PLATE DETAIL



TRAFFIC ISLANDS

NOTES :

1. POST TOP TO BE 50mm BELOW THE TOP EDGE OF THE SIGN AND TO BE CAPPED.
2. FOR TRAFFIC ISLANDS NARROWER THAN 1.6m REFER TO WYNDHAM CITY COUNCIL'S TRAFFIC ENGINEER.
3. SIGNS IN THE PAVED AREAS TO BE SLEEVED, WITH BOLT THROUGH SLEEVE & POST.
4. ALL SIGNS TO BE DESIGNED, PRODUCED AND INSTALLED IN ACCORDANCE WITH AS 1743.
5. STREET SIGN COLOUR TO BE BLACK TEXT ON WHITE BACKGROUND.
6. ALL SIGNS TO BE CLASS 400 IN ACCORDANCE WITH AS/NZS 1906.1.
7. SUBURB IS POST CODE SUBURB.
8. ALUMINIUM MATERIAL MAY BE USED WHERE REQUIRED, SUBJECT TO APPROVAL BY COUNCIL.

REV	AMENDMENTS	APPROVAL	DATE
B	DELETED NOTE 4, MINOR DRAFTING MODIFICATIONS		17-07-07
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

TYPICAL ROAD SIGN LOCATIONS AND STREET NAME PLATE DETAIL



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

TEL: 1300 023 411
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CAD FILE: SD11-1.DWG

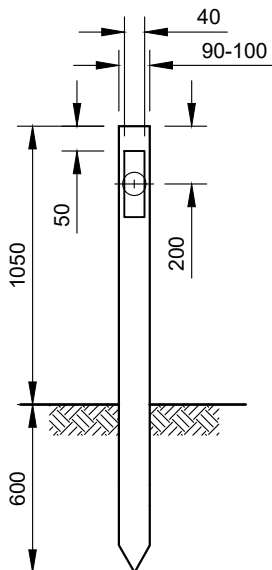
DRAWN DATE: FEB 2024

REVISION: C

DRAWING NO.:

SD11-1

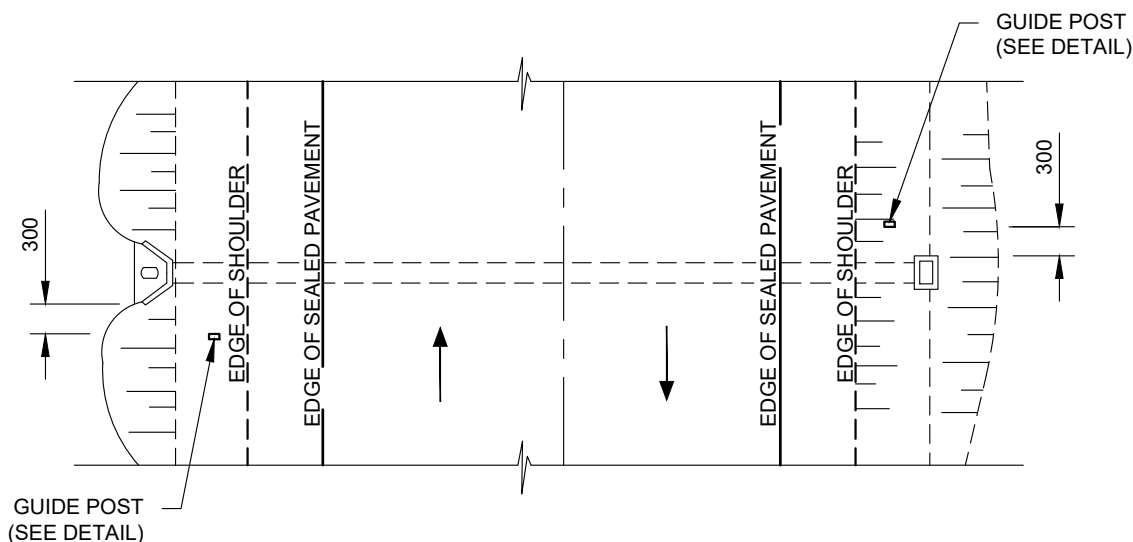
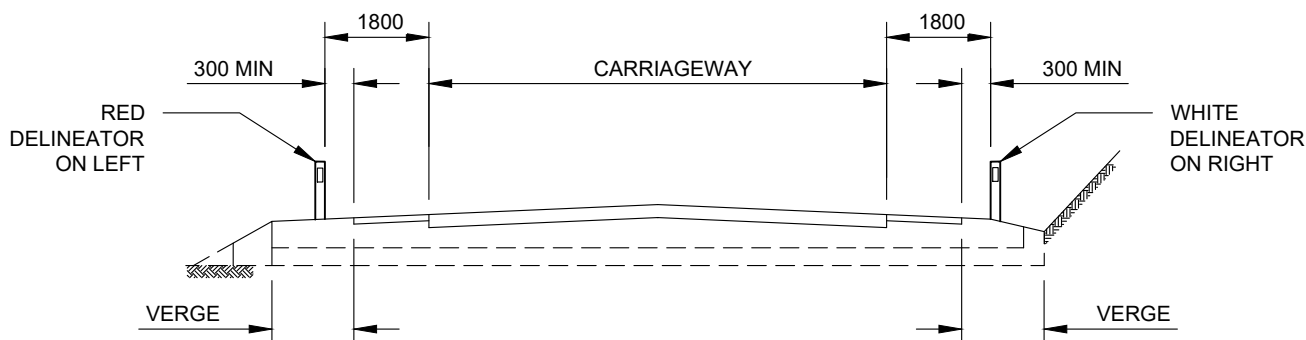
GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).



NOTES:

1. GUIDE POST TO BE FLEXIBLE PLASTIC OR FLEXIBLE STEEL POST AS APPROVED BY COUNCIL.
2. FOR DETAILS OF GUIDE POST SPACING AND SPECIAL TREATMENTS AT BRIDGES AND CULVERTS, REFER TO VICROADS TRAFFIC ENGINEERING MANUAL - VOLUME 2 PART 2.02.
3. DELINEATORS TO BE RED ON LEFT SIDE OF THE ROAD AND WHITE ON THE RIGHT SIDE OF THE ROAD.
4. ALL GUIDE POSTS TO BE INSTALLED IN ACCORDANCE WITH WCC SPECIFICATION SECTION 709.
5. THE STANDARD DELINEATOR IS THE 80mm dia. CIRCULAR CORNER-CUBE TYPE, RED OR WHITE, CONFORMING WITH THE DISCRETE DEVICE TYPE DELINEATOR AS SPECIFIED IN AS/NZS 1906.2.
6. SHEETING TYPE DELINEATORS SHALL HAVE A TOTAL MINIMUM REFLECTIVE OUTPUT EQUIVALENT TO 100cm² OF CLASS 1A RETROREFLECTIVE MATERIAL AS DEFINED IN AS/NZS 1906.2. THE WIDTH OF REFLECTIVE MATERIAL SHALL BE 40mm MINIMUM. ONLY ONE TYPE OF DELINEATOR SHALL BE USED AT ANY ONE LOCATION. RETROREFLECTIVE MATERIAL TO BE PLACED IN MANUFACTURES PREFERRED ORIENTATION TO GIVE OPTIMUM PERFORMANCE.
7. WHERE LOCATED ON A KERBED CARRIAGEWAY, GUIDE POSTS SHALL BE INSTALLED 600mm BEHIND FACE OF KERB.

GUIDE POSTS DETAILS



LATERAL OF CULVERT GUIDE POSTS

REV	AMENDMENTS	APPROVAL	DATE
B	DELETED NOTES, MINOR DRAFTING MODIFICATIONS		17-07-2007
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

GUIDE POST DETAIL



45 PRINCES HIGHWAY
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CAD FILE: SD11-2.DWG

DRAWN DATE: FEB 2024

REVISION: C

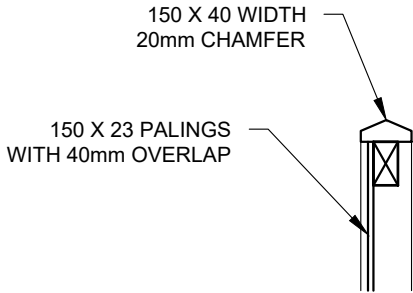
DRAWING NO.:

SD11-2

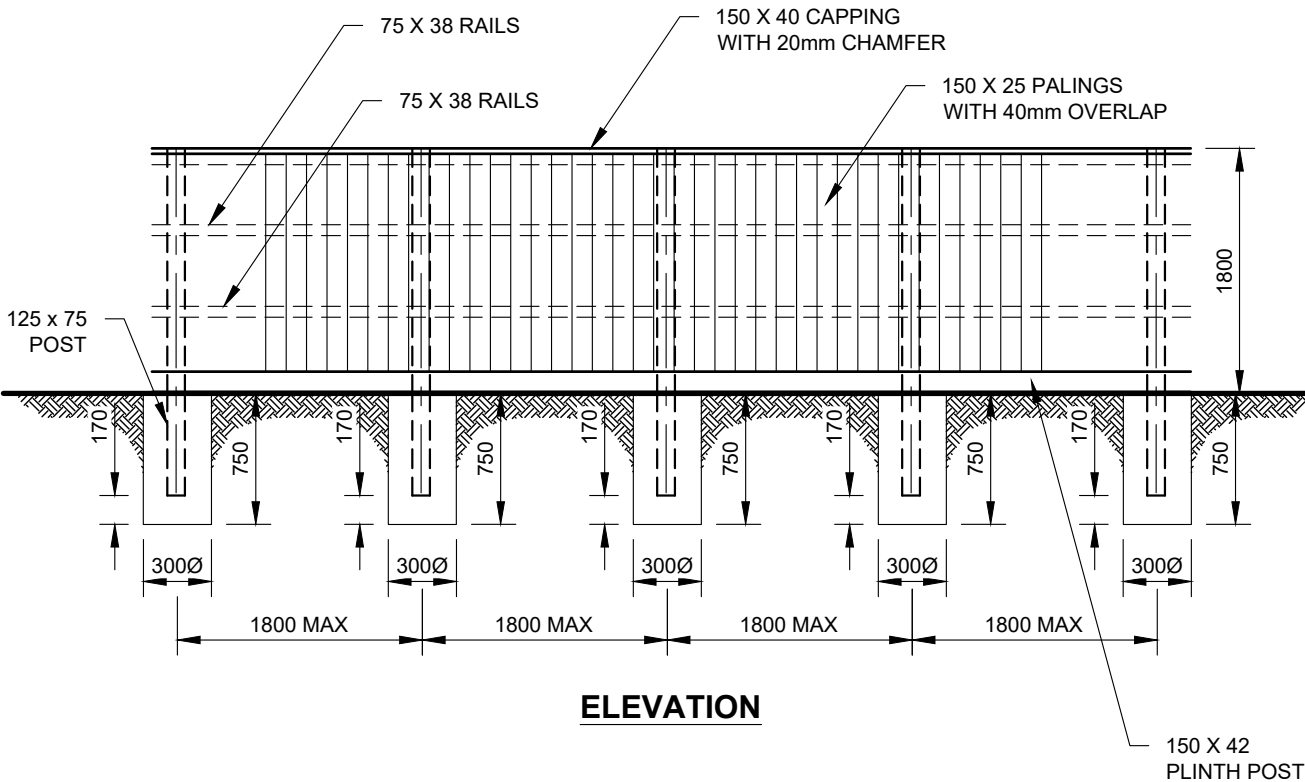
GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).

Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD11-5A.dwg (28 May, 2024)



SIDE VIEW




ELEVATION

- NOTES:
1. POSTS ARE TO BE INSTALLED AT ALL INTERSECTING TITLE BOUNDARIES AND A COMPLETE WING OF STANDARD PALING FENCE AT 1800mm HEIGHT.
 2. WHERE FENCE ABUTTS EASEMENTS, OR IN HIGH WIND AREAS (AS DETERMINED BY A COUNCIL OFFICER) POST DEPTH TO BE INCREASED TO 1200mm.
 3. CONCRETE STRENGTH OF 25MPA AT 28 DAYS.

REV	AMENDMENTS	APPROVAL	DATE
B	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

NOISE ABSORBING HIGH WIND TREATED PINE FENCE



45 PRINCES HIGHWAY
WERRIBEE, VIC 3030

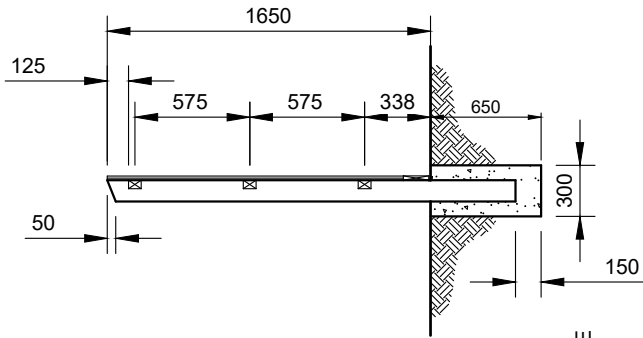
TEL: 1300 023 411
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CAD FILE: SD11-5A.DWG
DRAWN DATE: FEB 2024
REVISION: B
DRAWING NO.: SD11-5A

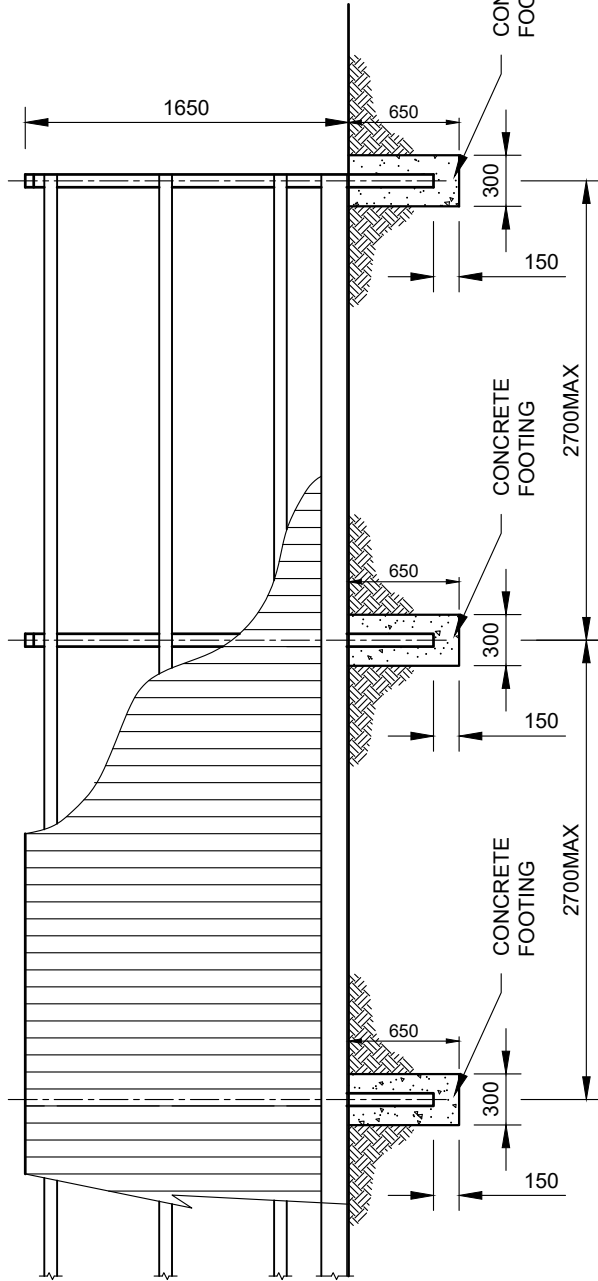
GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD11-5B.dwg (28 May, 2024)



PROFILE



ELEVATION

FENCE REQUIREMENTS

ITEM	MATERIAL
POSTS	125 x 75 RED GUM
RAILS	75 x 50 TREATED PINE
PLINTHS	150 x 25 TREATED PINE
PALINGS	12 THICK TREATED PINE
FOOTING	300Ø X 650 CONCRETE FOOTING

- NOTES:
1. CONCRETE STRENGTH OF 20MPa AT 28 DAYS.
 2. FENCES OVER 2m IN HEIGHT WILL REQUIRE A BUILDING PERMIT.
 3. SLURRY MIXES (EG. A COMBINATION OF CONCRETE AND SOIL) ARE NOT PERMITTED UNDER ANY CIRCUMSTANCES.

REV	AMENDMENTS	APPROVAL	DATE
B	EDITED (20MPa) MINOR DRAFTING MODIFICATIONS		17-07-2007
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

STANDARD DETAILS FOR ALL COUNCIL SHARED FENCING



45 PRINCES HIGHWAY
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CAD FILE: SD11-5B.DWG

DRAWN DATE: FEB 2024

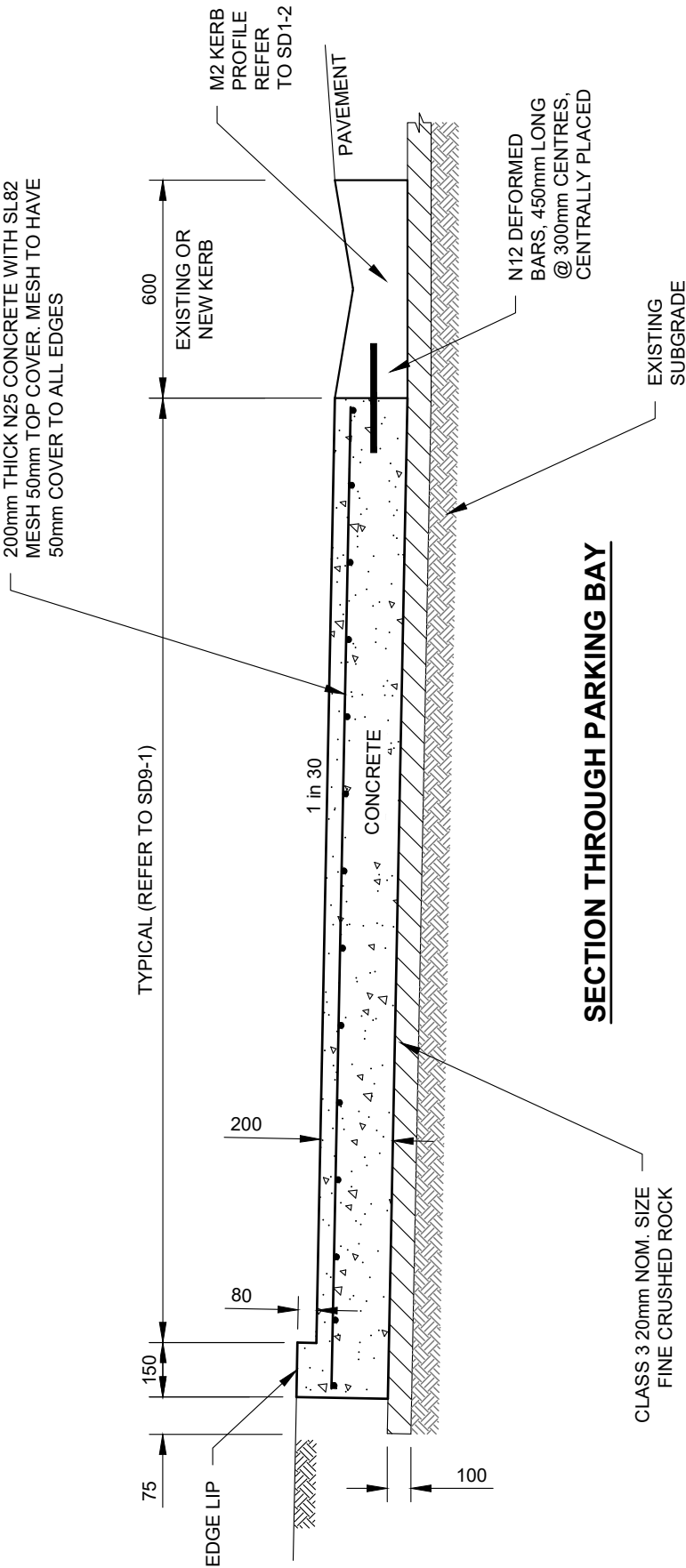
REVISION: C

DRAWING NO.:

SD11-5B

GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
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- ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).



NOTES:

1. CONCRETE FINISH TO BE LIGHT BROOM FINISH, NEATLY TOOLED UNLESS OTHERWISE SPECIFIED.
2. ALL BARRIER KERB IS TO BE REINSTATED WITH MWB2 KERB PROFILE (REFER TO SD1-3).
3. CONCRETE STRENGTH OF 25MPa AT 28 DAYS.
4. WHERE PERMISSION IS GRANTED TO USE COLOURED CONCRETE STRENGTH TO BE 32MPa.
5. WEAKENED PLANE JOINTS LOCATED AT SPACINGS EQUAL TO THE WIDTH OF THE PARKING BAY AND MADE WITH A 'T' IRON OR CONCRETE SAW CUT AS PER SD2-4.

REV	AMENDMENTS	APPROVAL	DATE
B	MINOR DRAFTING MODIFICATIONS		17-07-07
C	INCREASED CONCRETE DEPTH TO 200mm. ADDED NOTE 4		01-09-09
D	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24

CONCRETE PARKING BAY DETAILS



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CAD FILE: SD11-6.DWG

DRAWN DATE: FEB 2024

REVISION: D

DRAWING NO.:

SD11-6

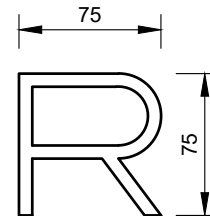
GENERAL NOTES:

- DRAWINGS ARE NOT TO SCALE.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
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Drawing name: M:\Engineering Services\Engineering Design Projects\RESOURCE References\WCC Standard Drawings\SD11-8.dwg (28 May, 2024)

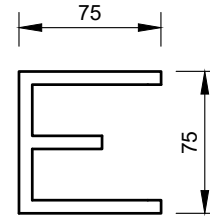
RECYCLED WATER SERVICE

THIS SYMBOL SHALL BE MARKED ON THE FACE OF THE KERB IMMEDIATELY ABOVE THE POSITION WHERE A RECYCLED WATER SERVICE CONDUIT IS PLACED.



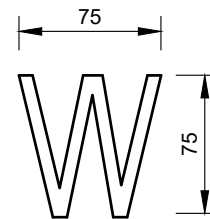
ELECTRICAL SERVICE

THIS SYMBOL SHALL BE MARKED ON THE FACE OF THE KERB IMMEDIATELY ABOVE THE POSITION WHERE AN ELECTRICAL SERVICE CONDUIT IS PLACED.



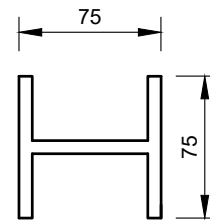
WATER SERVICE

THIS SYMBOL SHALL BE MARKED ON THE FACE OF THE KERB IMMEDIATELY ABOVE THE POSITION WHERE A WATER SERVICE CONDUIT IS PLACED ACROSS THE ROADWAY.



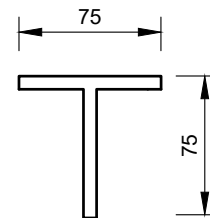
PROPERTY STORMWATER CONNECTION

THIS SYMBOL SHALL BE MARKED ON THE FACE OF THE KERB IN LINE WITH THE POSITION WHERE A PROPERTY STORMWATER CONNECTION IS PROVIDED TO AN UNDERGROUND STORMWATER PIPE OR PIT.



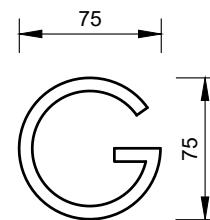
TELECOMMUNICATION SERVICE

THIS SYMBOL SHALL BE MARKED ON THE FACE OF THE KERB IMMEDIATELY ABOVE THE POSITION WHERE A TELECOMMUNICATIONS SERVICE CONDUIT IS PLACED.




GAS SERVICE

THIS SYMBOL SHALL BE MARKED ON THE FACE OF THE KERB IMMEDIATELY ABOVE THE POSITION WHERE A GAS SERVICE CONDUIT IS PLACED.



NOTE:

1. WIDTH AND DEPTH OF LETTERS TO BE 2-5mm.

REV	AMENDMENTS	APPROVAL	DATE	SERVICE CONDUIT MARKINGS		CAD FILE: SD11-8.DWG
B	MINOR DRAFTING MODIFICATIONS		17-07-07			DRAWN DATE: FEB 2024
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24	 <div>45 PRINCES HIGHWAY WERRIBEE, VIC 3030</div> <div>TEL: 1300 023 411 wyndham.vic.gov.au</div>		REVISION: C
						DRAWING NO.: SD11-8
GENERAL NOTES:				-DRAWINGS ARE NOT TO SCALE. -ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED. -FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE. -ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).		


Technical drawing of a square window frame. The drawing shows a square frame with a central opening. The outermost square has a side length of 913 mm, indicated by dimension lines on the left and bottom. The frame consists of multiple concentric squares, with the outermost square having a hatched pattern. The innermost square is the central opening.

Diagram illustrating the required marking on the cover. The cover is 280mm wide and 280mm high. Two arrows point to the center of the cover, indicating the location for the 'SURVEY CO-ORDINATION ACT TO BE MARKED ON COVER'.

COVER DETAILS

COVER AND LID FOR SURVEY MARKS TYPE A1

1. PSM TO BE LOCATED WITHIN FOOTPATH AREA.
2. LEVEL TO BE REDUCED TO A.H.D.
3. REFERENCE TO BE A.M.G COORDINATES.
4. CONCRETE STRENGTH OF 25MPa AT 28 DAYS.
5. LEVEL AND COORDINATES TO BE LODGED WITH THE RELEVANT STATE GOVERNMENT DEPARTMENT.

REV	AMENDMENTS	APPROVAL	DATE	PERMANENT SURVEY MARK HIGH STABILITY	CAD FILE: SD11-10.DWG
B	MINOR DRAFTING MODIFICATIONS		17-07-07		DRAWN DATE: FEB 2024
C	UPDATED TO REFLECT CURRENT STANDARDS	M.BRIGANDI	21-05-24		REVISION: C
					DRAWING NO.: SD11-10
				<div><div>45 PRINCES HIGHWAY WERRIBEE, VIC 3030</div><div>TEL: 1300 023 411 wyndham.vic.gov.au</div></div>	

GENERAL NOTES: -DRAWINGS ARE NOT TO SCALE.
-ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
-FOR UP TO DATE DRAWINGS PLEASE CHECK WYNDHAM CITY COUNCIL WEBSITE.
-ALL STANDARD DRAWINGS TO BE USED IN CONJUNCTION WITH SD1-1 (STANDARD DRAWINGS CONDITIONS OF USE).