

# Streetscape Standard Drawings List

## SS-100 Series - Hardscape/Paving Details

<b>Drawing Number</b>	<b>Drawing Title</b>	<b>Revision Date</b>
<b>SS-100</b>	Unit Pavers on Concrete Base	January 2023
<b>SS-101A</b>	Unit Pavers on Granular Base	January 2023
<b>SS-101B</b>	Permeable Unit Pavers	January 2023
<b>SS-101C</b>	Vegetative Paving	January 2023
<b>SS-102A</b>	Unit Paver Median on Concrete Base	January 2023
<b>SS-102B</b>	Unit Paver Median on Concrete Base over Bridge Deck	January 2023
<b>SS-102C</b>	Impressed/Stamped Coloured Concrete Median over Bridge Deck	January 2023
<b>SS-103</b>	Unit Paver Median on Granular Base	January 2023
<b>SS-104A</b>	Impressed/Stamped Coloured Concrete Median	January 2023
<b>SS-104B</b>	Sodded Median with Coloured Concrete Splash Strips	January 2023
<b>SS-105A</b>	Coloured Concrete Splash Strip for Concrete Barrier Curb with Standard Gutter Boulevards	January 2023
<b>SS-105B</b>	Pervious Coloured Concrete Splash Strip for Concrete Barrier Curb with Standard Gutter Boulevards	January 2023
<b>SS-105C</b>	Porous Coloured Asphalt Splash Strip for Concrete Barrier Curb with Standard Gutter Boulevards	January 2023
<b>SS-106</b>	Concrete Sidewalk with Inlaid Unit Paver Solider Course	January 2023
<b>SS-107</b>	Concrete Edge Restraint for Unit Pavers	January 2023
<b>SS-108</b>	Steel Edge Restraint for Unit Pavers	January 2023
<b>SS-109</b>	Typical Zebra Pavement Marking Detail at Signalized Intersections Using "TrafficPatternsXD"	January 2023
<b>SS-110</b>	Unit Pavers at Curb Ramps	January 2023

# Streetscape Standard Drawings List

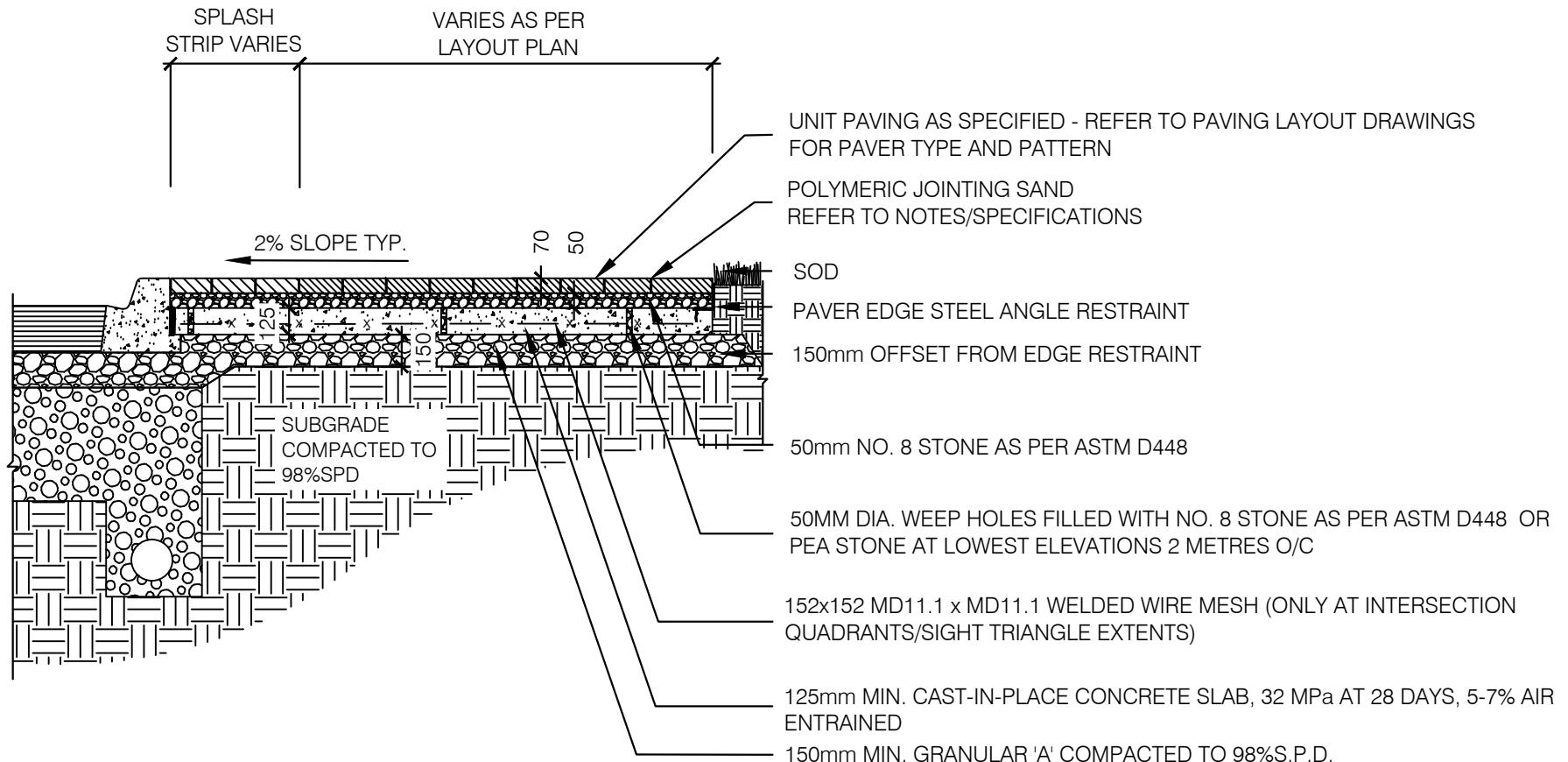
## SS-200 Series - Planter Details

<b>Drawing Number</b>	<b>Drawing Title</b>	<b>Revision Date</b>
SS-200A	Cast-In-Place Median Planter Wall I	January 2023
SS-200B	Cast-In-Place Median Planter Wall Layout Detail I	January 2023
SS-200C	Concrete Planter Wall Contraction and Expansion Joint Detail	January 2023
SS-200D	Planter Wall Coping Unit	January 2023
SS-200E	Planter Wall Coping Unit	January 2023
SS-200F	Planter Wall Coping Unit	January 2023
SS-201A	Pre-Cast Architectural Boulevard Planter	January 2023
SS-201B	Pre-Cast Architectural Boulevard Planter Layout	January 2023
SS-202A	Cast-In-Place Median Planter II	January 2023
SS-202B	Cast-In-Place Median Planter Layout II	January 2023
SS-203	Cast-In-Place Concrete Planter Curb	January 2023
SS-204	Typical Armour Stone Retaining Wall with Sidewalk	October 2025

# Streetscape Standard Drawings List

## SS-300 Series - Site Furniture/Fixtures Details

<b>Drawing Number</b>	<b>Drawing Title</b>	<b>Revision Date</b>
SS-300	Bridge Plaque	January 2023
SS-301	Banner Pole on Concrete Base	January 2023
SS-302A	Unit Pavers in Median Island Adjacent Object Markers/Posts	January 2023
SS-302B	Coloured Concrete in Median Island Adjacent Object Markers/Posts	January 2023
SS-304	Pedestrian and Cyclist Barricade	October 2025



NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 32 MPa AT 28 DAYS, 5-7% AIR ENTRAINED
3. POLYMERIC JOINTING SAND TO BE APPLIED FLUSH WITH TOP OF PAVERS
4. POLYMERIC SAND TO BE WATERED AS PER THE MANUFACTURE'S INSTRUCTIONS
5. CONTROL JOINTS ON CURBS TO BE COVERED WITH A 100mmx200mm FILTER CLOTH ON THE  
 INSIDE OF CURB TO PREVENT MIGRATION OF JOINTING SAND.
6. WELDED WIRE MESH IS TO HAVE A 60mm OFFSET FROM ALL SURFACES OF THE CONCRETE.  
 ANY FINISHED CONCRETE WITH EXPOSED STEEL REINFORCEMENT SHALL BE REPLACED.
7. CONTROL JOINTS SHALL BE LAID OUT WITH THE JOINTS AT 1500mm O.C WITH AN EXPANSION  
 JOINT EVERY THIRD JOINT.



Public Works  
Transportation

UNIT PAVERS ON CONCRETE BASE

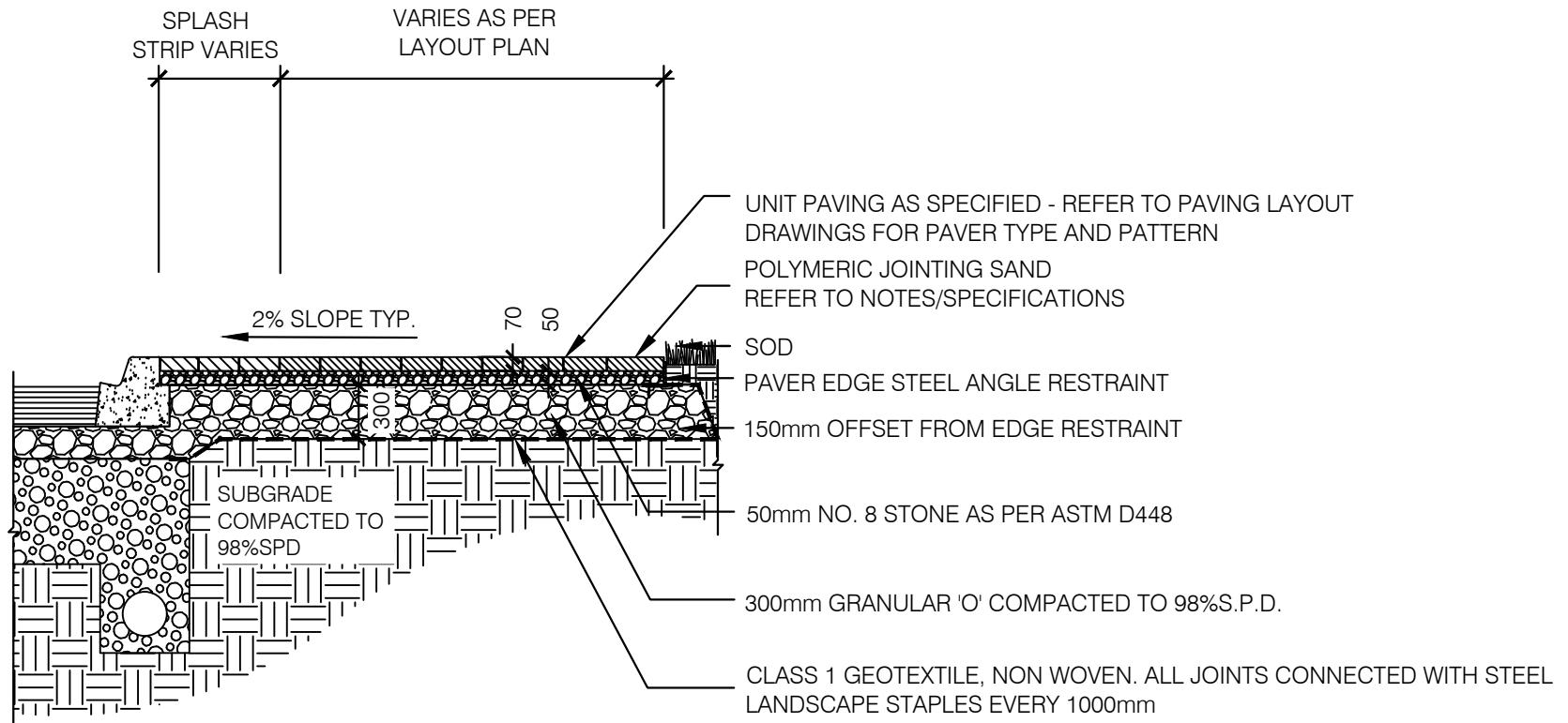
DATE: JANUARY 2023    SCALE N.T.S.

REV.

X

X

SS-100

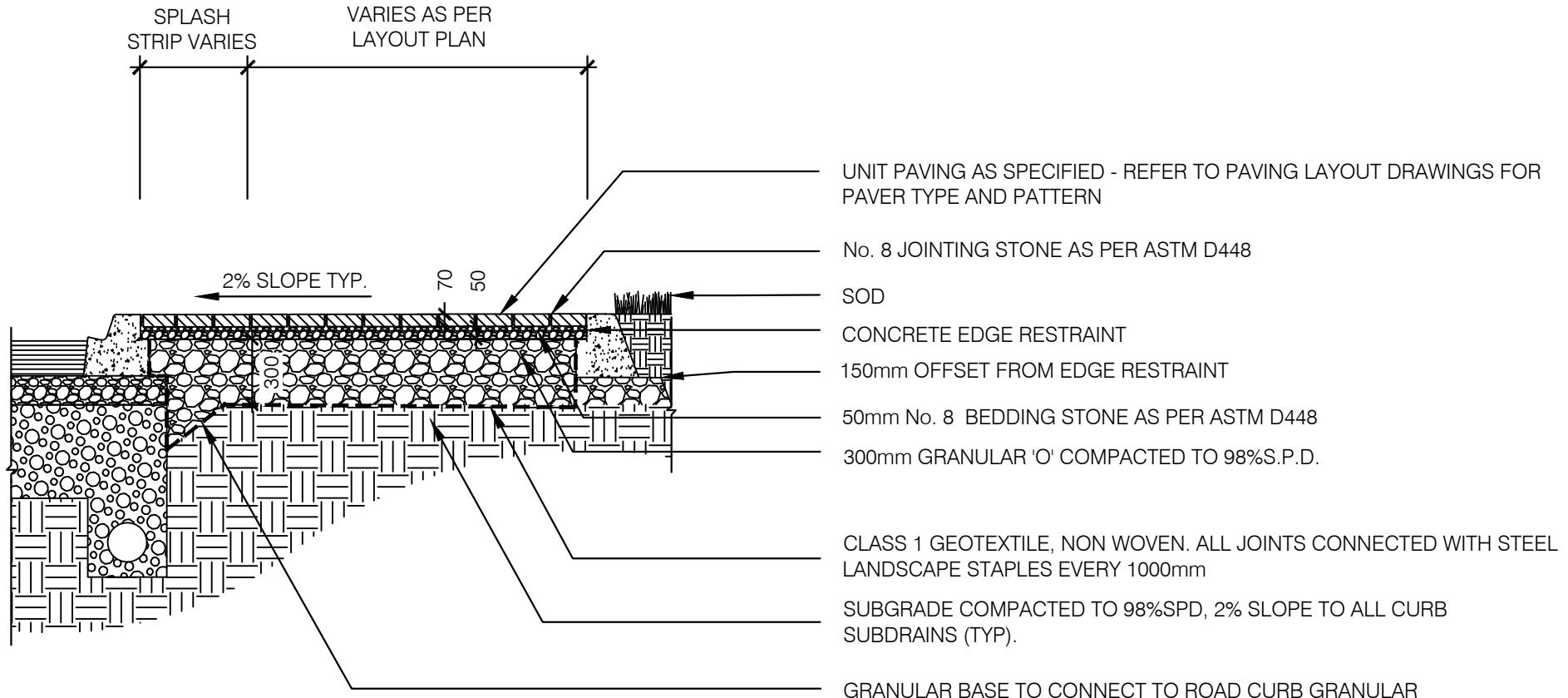


NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. POLYMERIC JOINTING SAND TO BE APPLIED FLUSH WITH TOP OF PAVERS
3. POLYMERIC SAND TO BE WATERED AS PER THE MANUFACTURES INSTRUCTIONS
4. CONTROL JOINTS ON CURBS TO BE COVERED WITH A 100mmx200mm FILTER CLOTH ON THE INSIDE OF CURB TO PREVENT MIGRATION OF JOINTING SAND

**UNIT PAVERS ON GRANULAR BASE**

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-101A	



**Public Works  
Transportation**

NOTES:

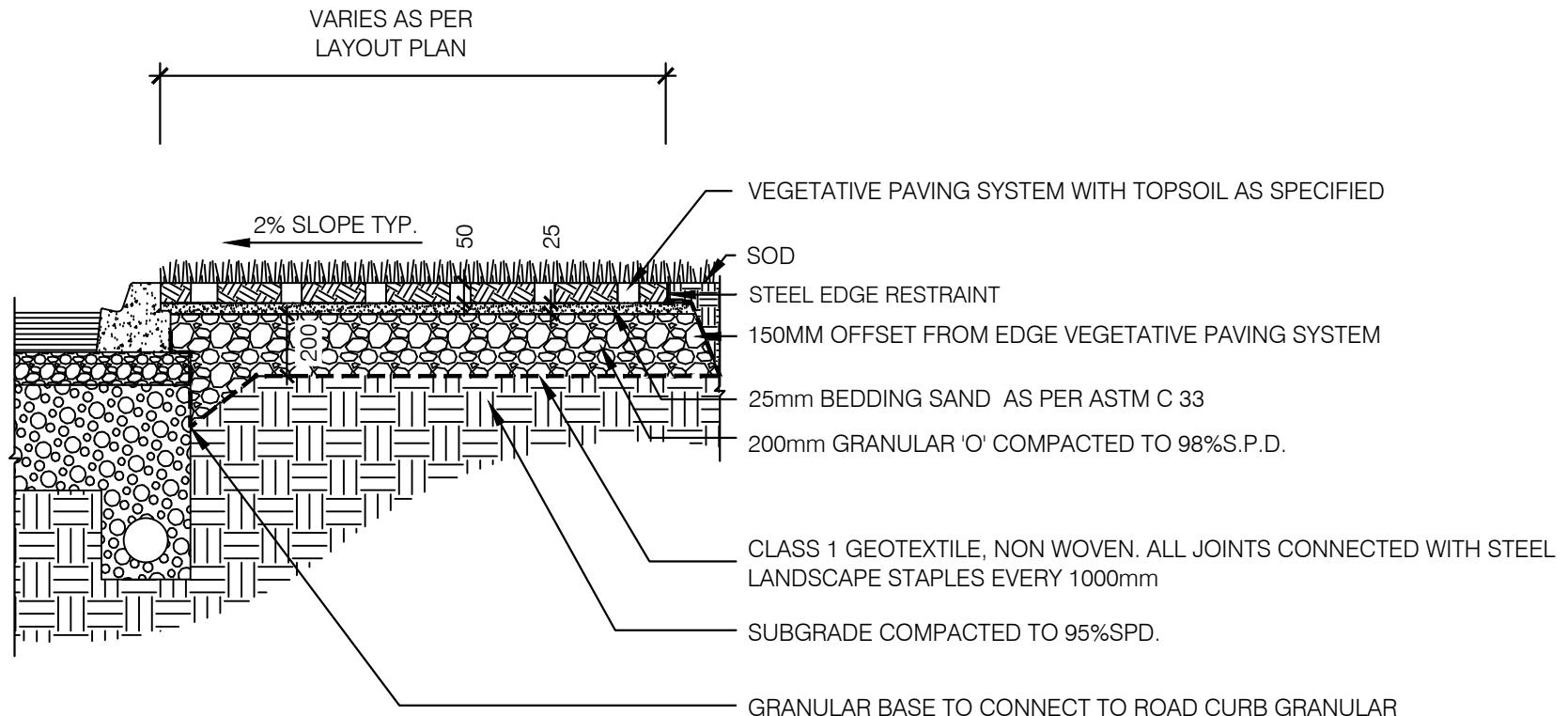
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. JOINTING STONE TO BE APPLIED FLUSH WITH TOP OF PAVERS
3. ALL JOINTING, BEDDING, AND SUBBASE TO BE CLEAR ANGULAR STONE WITH NO ROUNDS.
4. PAVER JOINT OR OPENING FILL AGGREGATE SHALL USE NO. 8 MATERIAL AS DESCRIBED ABOVE, SMALLER AGGREGATE (NO. 89, 9 OR 10, PER ASTM D448) MAY BE SUBSTITUTED IF REQUIRED TO FILL NARROWER JOINTS OR OPENINGS.

**PERMEABLE UNIT PAVERS**

DATE: JANUARY 2023    SCALE N.T.S.

REV.    X    X

SS-101B



NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED

VEGETATIVE PAVING

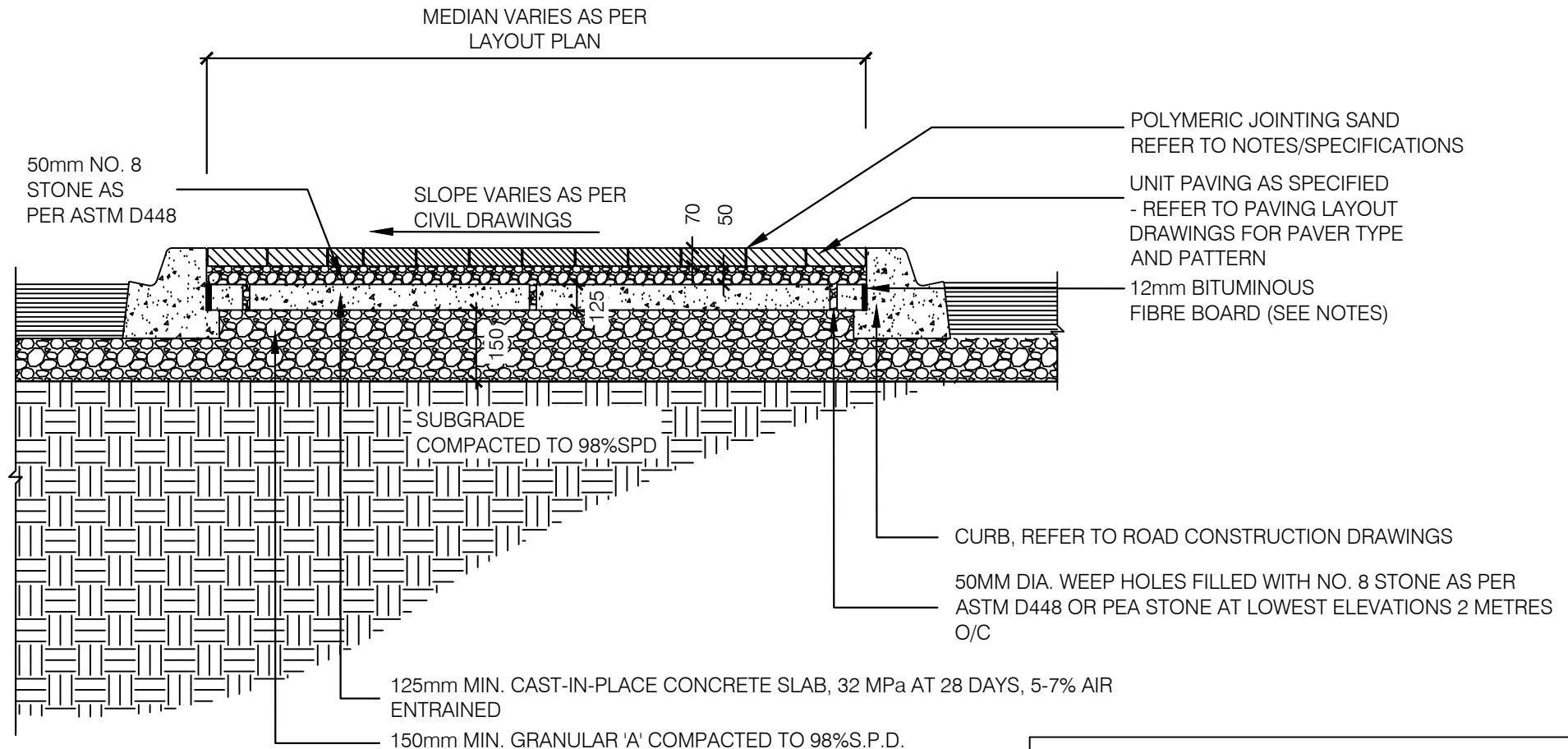
DATE: JANUARY 2023 SCALE N.T.S.

REV.

X

X

SS-101C



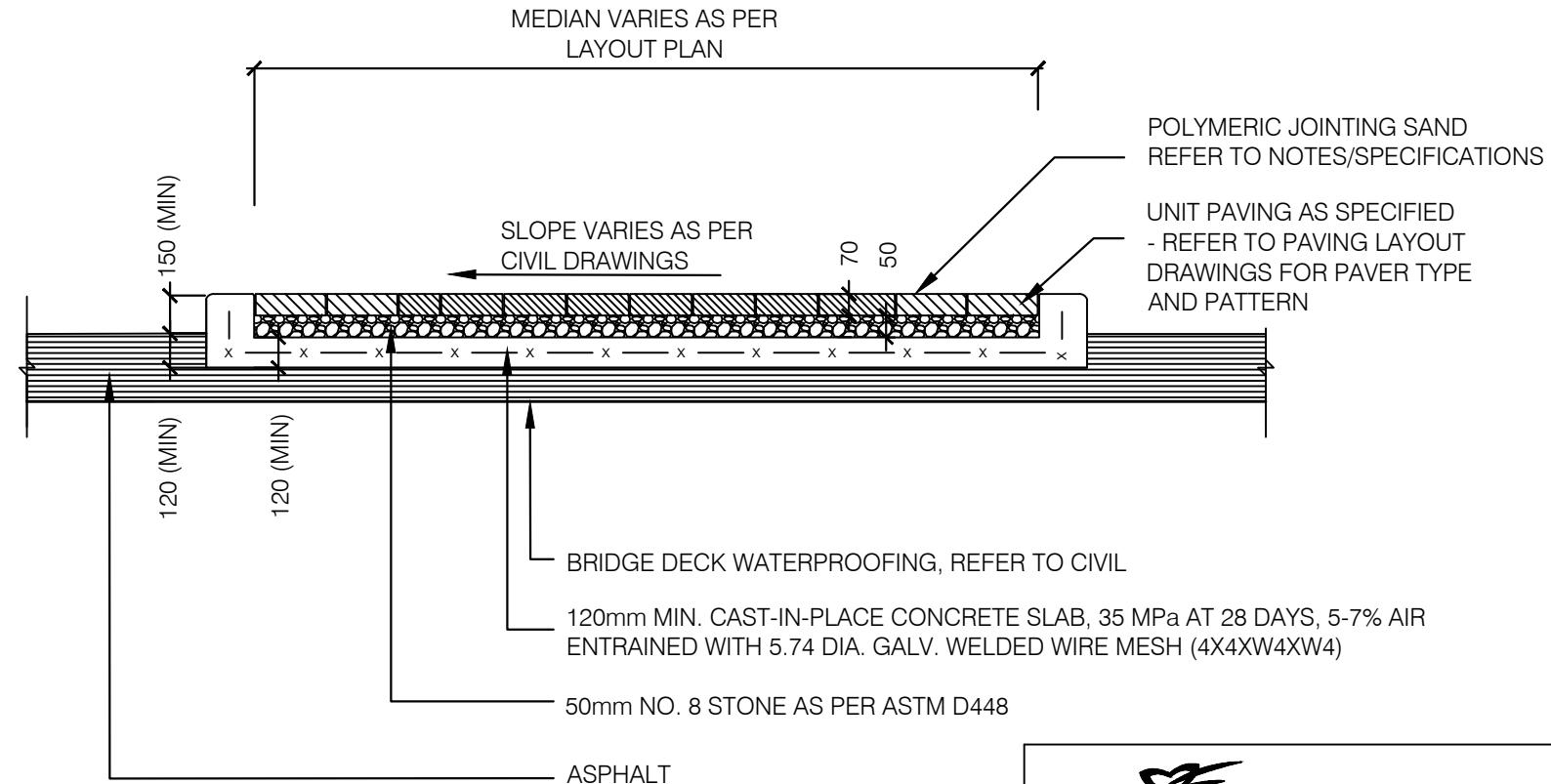
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 32 MPa AT 28 DAYS, 5-7% AIR ENTRAINED.
3. POLYMERIC JOINTING SAND TO BE APPLIED FLUSH WITH TOP OF PAVERS
4. POLYMERIC SAND TO BE WATERED AS PER THE MANUFACTURE'S INSTRUCTIONS
5. CONTROL JOINTS ON CURBS TO BE COVERED WITH A 100mmx200mm FILTER CLOTH ON THE INSIDE OF CURB TO PREVENT MIGRATION OF JOINTING SAND
6. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD



UNIT PAVER MEDIAN ON CONCRETE BASE

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-102A	



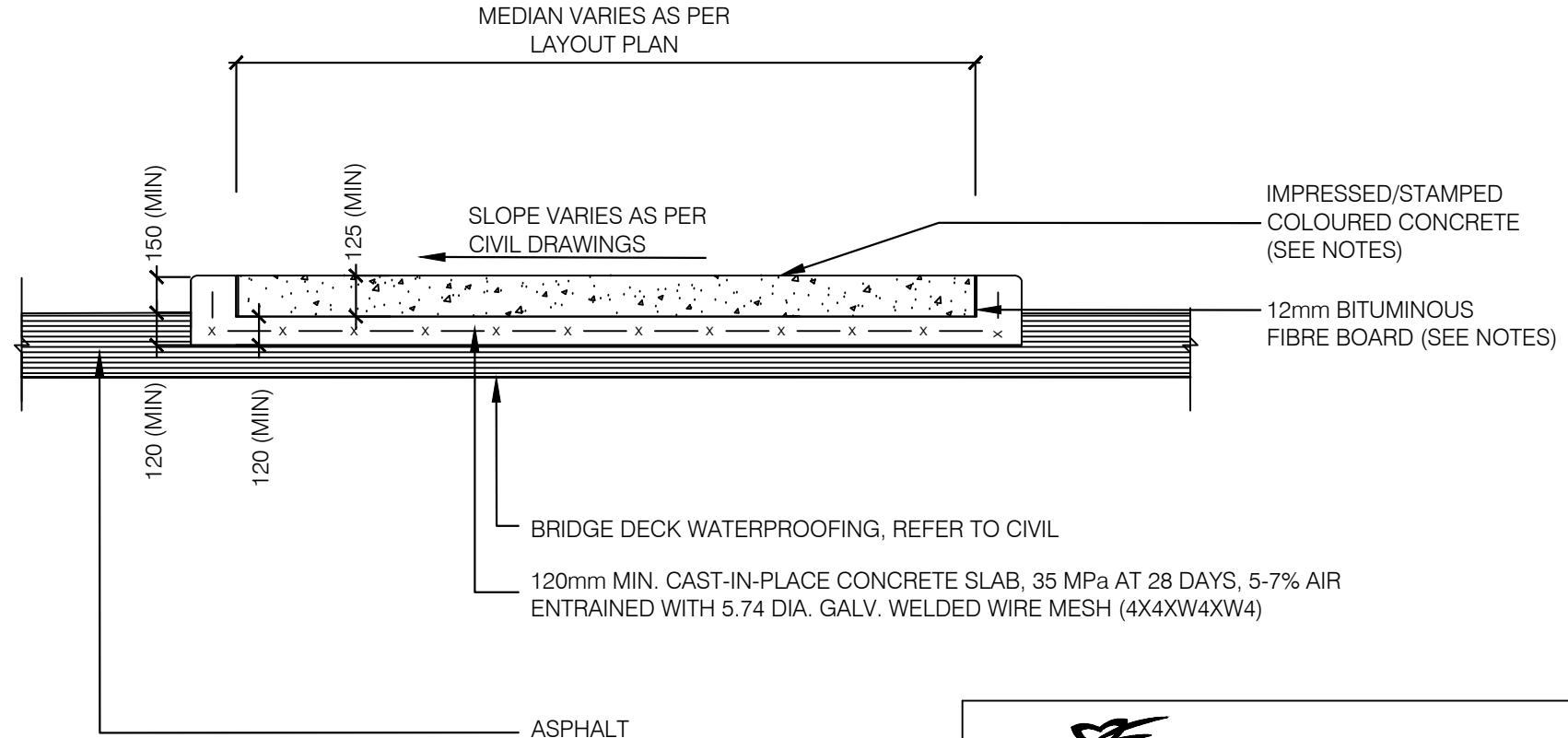
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 35 MPa AT 28 DAYS, 5-7% AIR ENTRAINED.
3. POLYMERIC JOINTING SAND TO BE APPLIED FLUSH WITH TOP OF PAVERS
4. POLYMERIC SAND TO BE WATERED AS PER THE MANUFACTURE'S INSTRUCTIONS
5. CONTROL JOINTS ON CURBS TO BE COVERED WITH A 100mmx200mm FILTER CLOTH ON THE INSIDE OF CURB TO PREVENT MIGRATION OF JOINTING SAND



UNIT PAVER MEDIAN ON CONCRETE  
BASE OVER BRIDGE DECK

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-102B	



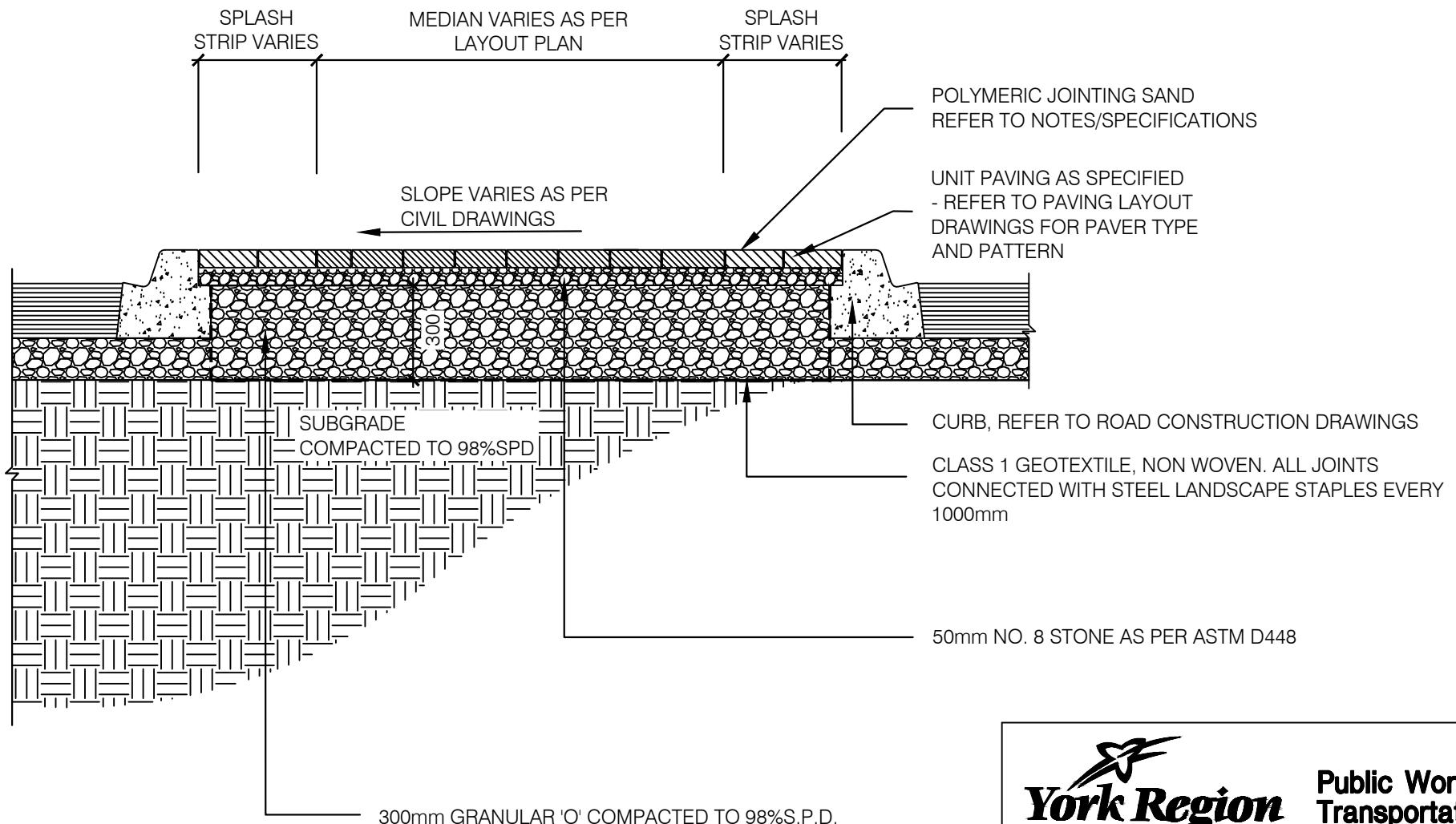
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 35MPa AT 28 DAYS AND BE 5-7% AIR ENTRAINED.
3. CONTROL JOINTS TO BE LOCATED AT MAXIMUM INTERVALS OF 1.5m OC. JOINTS TO BE SAW CUT TO A DEPTH OF 30mm.
4. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD SET AT 12mm BELOW GRADE AND FINISHED WITH CONCRETE COLOUR MATCHED POLYSULPHITE SEALANT FLUSH WITH FINISHED GRADE. LOCATE EXPANSION JOINTS EVERY THIRD JOINT AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES.



IMPRINTED/STAMPED COLOURED CONCRETE MEDIAN OVER BRIDGE DECK

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-102C	



**UNIT PAVER MEDIAN ON GRANULAR BASE**

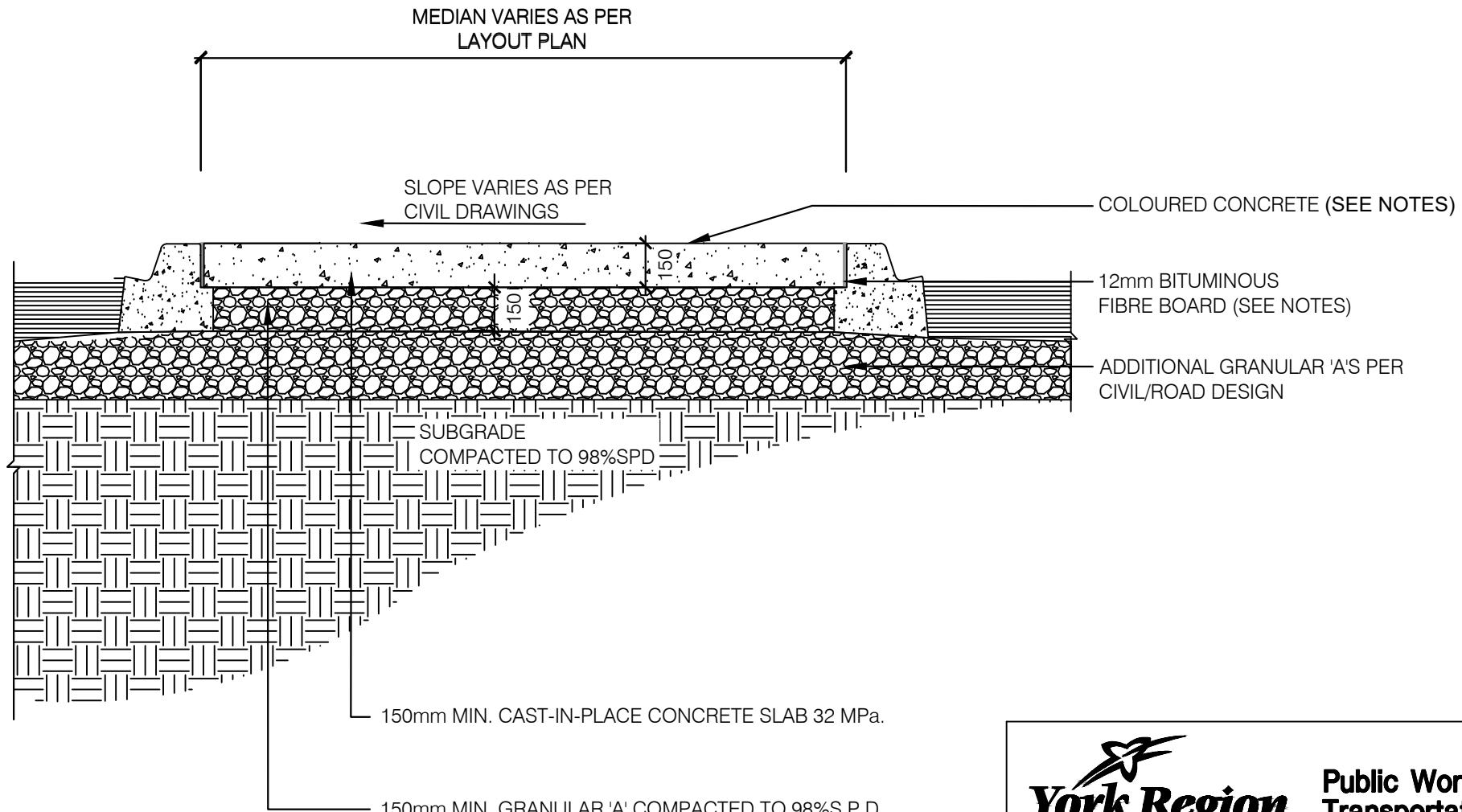
DATE: JANUARY 2023    SCALE N.T.S.

REV.    X    X

SS-103

**NOTES:**

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. POLYMERIC JOINTING SAND TO BE APPLIED FLUSH WITH TOP OF PAVERS
3. POLYMERIC SAND TO BE WATERED AS PER THE MANUFACTURE'S INSTRUCTIONS
4. CONTROL JOINTS ON CURBS TO BE COVERED WITH A 100mmx200mm FILTER CLOTH ON THE INSIDE OF CURB TO PREVENT MIGRATION OF JOINTING SAND



NOTES:

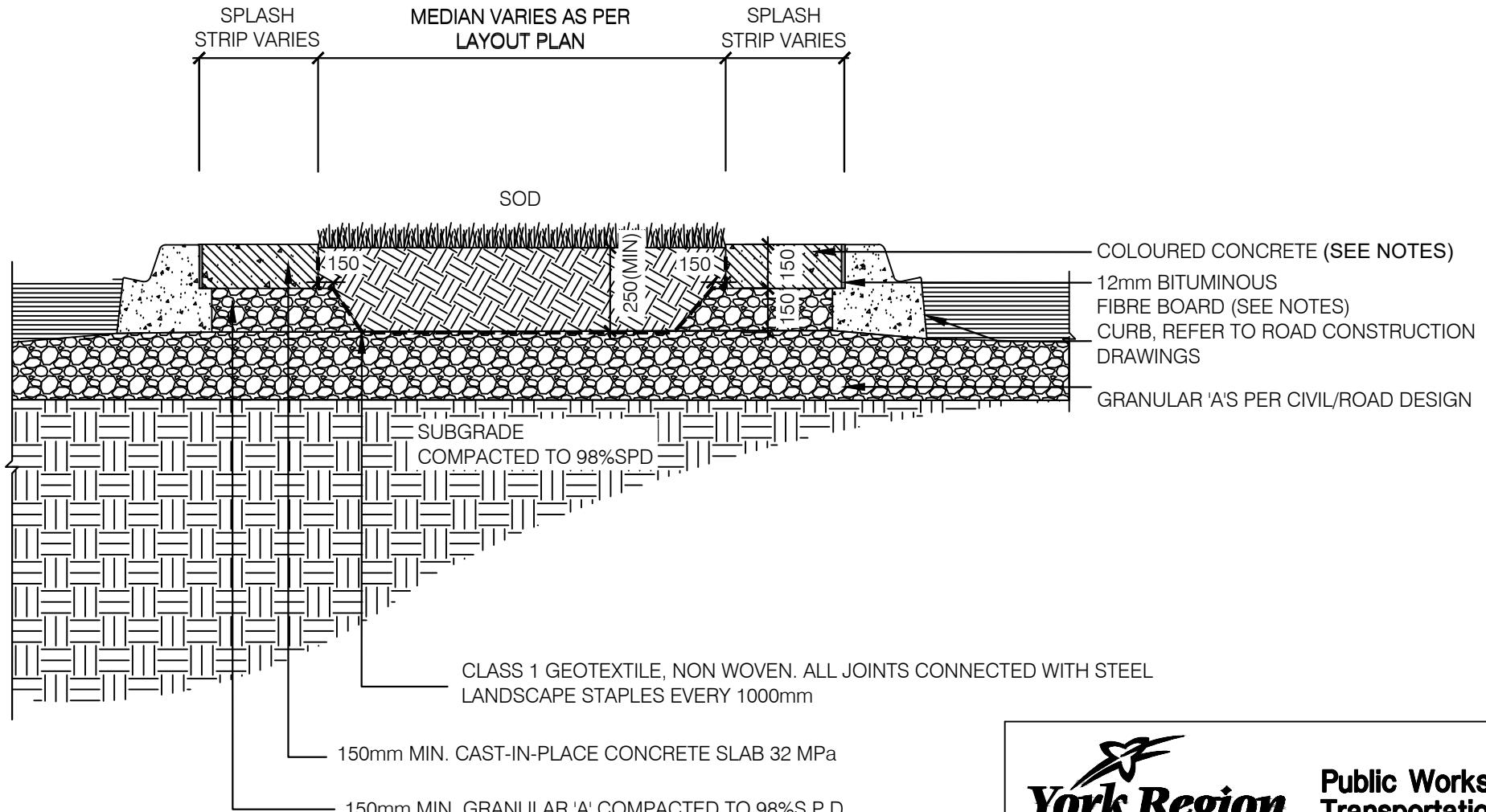
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 32MPa AT 28 DAYS AND BE 5-7% AIR ENTRAINED.
3. CONTROL JOINTS TO BE LOCATED AT MAXIMUM INTERVALS OF 1.5m OC. JOINTS TO BE SAW CUT TO A DEPTH OF 30mm.
4. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD SET AT 12mm BELOW GRADE AND FINISHED WITH CONCRETE COLOUR MATCHED POLYSULPHITE SEALANT FLUSH WITH FINISHED GRADE. LOCATE EXPANSION JOINTS EVERY THIRD JOINT AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES.



IMPRESSED/STAMPED COLOURED CONCRETE MEDIAN

DATE: JANUARY 2023    SCALE N.T.S.

REV.    X    X    SS-104A



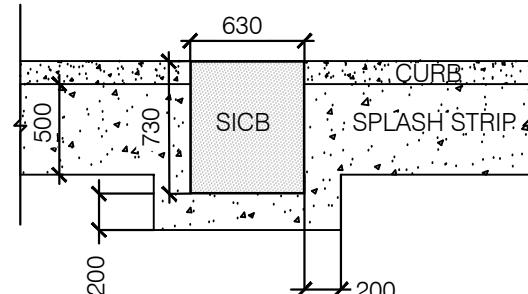
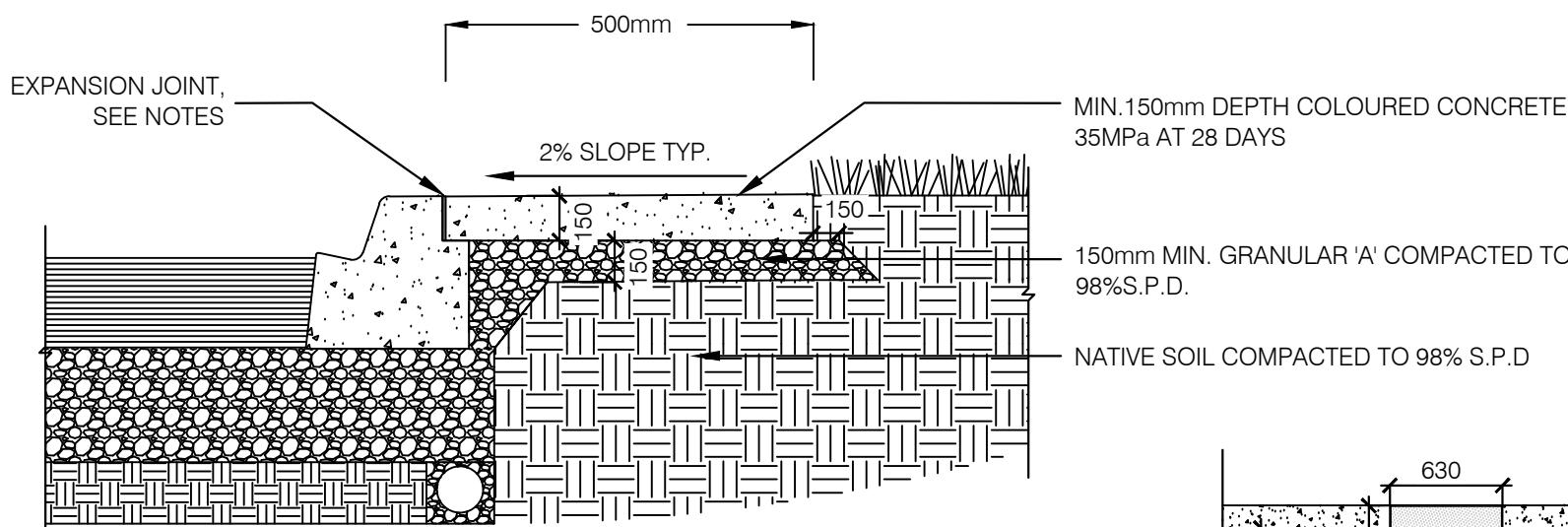
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 32MPa AT 28 DAYS AND BE 5-7% AIR ENTRAINED.
3. CONTROL JOINTS TO BE LOCATED AT MAXIMUM INTERVALS OF 1.5m OC. JOINTS TO BE SAW CUT TO A DEPTH OF 30mm.
2. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD SET AT 12mm BELOW GRADE AND FINISHED WITH CONCRETE COLOUR MATCHED POLYSULPHITE SEALANT FLUSH WITH FINISHED GRADE. LOCATE EXPANSION JOINTS EVERY THIRD JOINT AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES.



SODDED MEDIAN WITH COLOURED CONCRETE SPLASH STRIPS

DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	X	X	SS-104B



PAVING AT SIDE INLET CATCH BASINS

NOTES:

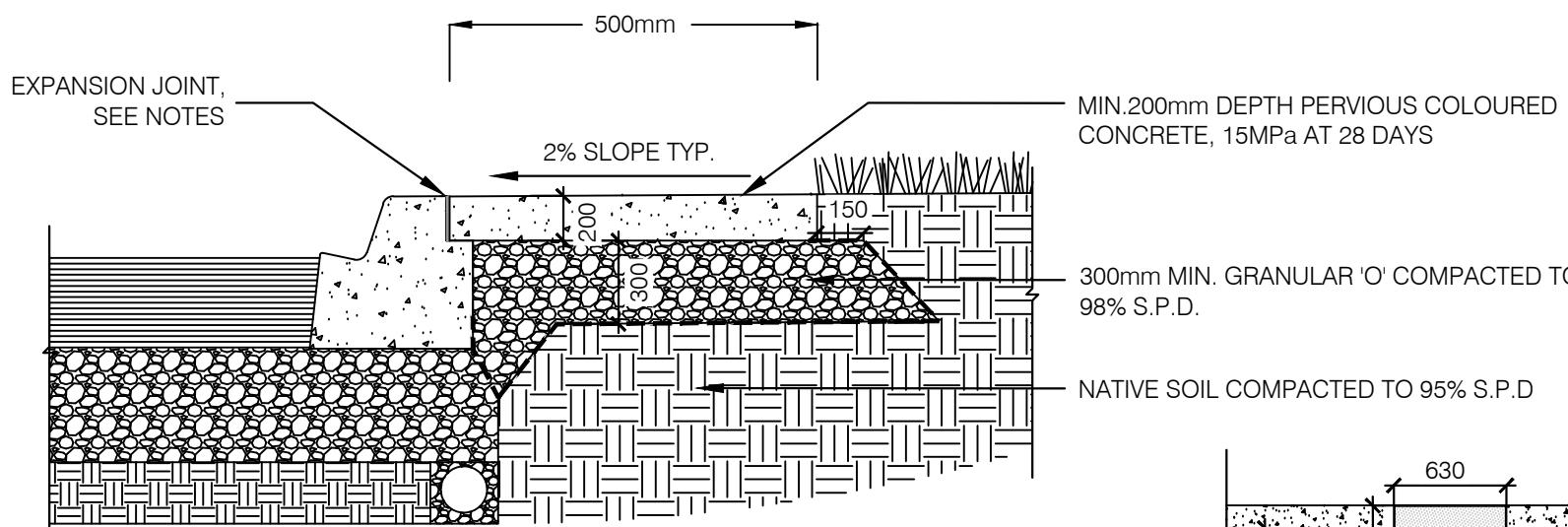
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 35MPa AT 28 DAYS AND BE 5-7% AIR ENTRAINED.
3. CONTROL JOINTS TO BE LOCATED AT MAXIMUM INTERVALS OF 1.5m OC. CONTROL JOINTS TO BE SAW CUT TO A DEPTH OF 30mm.
4. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD SET AT 12mm BELOW GRADE AND FINISHED WITH CONCRETE COLOUR MATCHED POLYSULPHITE SEALANT FLUSH WITH FINISHED GRADE. LOCATE EXPANSION JOINTS EVERY THIRD JOINT AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES.
5. COLOURED CONCRETE TO HAVE BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.
6. CONTROL AND EXPANSION JOINTS TO BE BROOM FINISHED AFTER TOOLED.



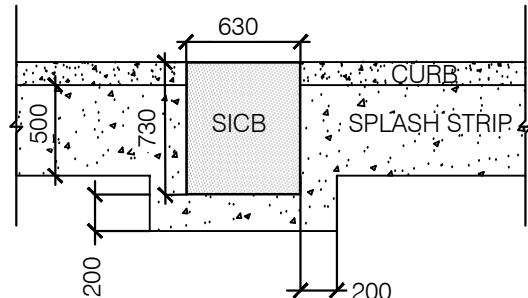
COLOURED CONCRETE SPLASH  
STRIP FOR CONCRETE BARRIER  
CURB WITH STANDARD GUTTER  
BOULEVARDS

DATE: JANUARY 2023      SCALE N.T.S.

REV. X X SS-105A



SPLASH STRIP SECTION



PAVING AT SIDE INLET CATCH BASINS

NOTES:

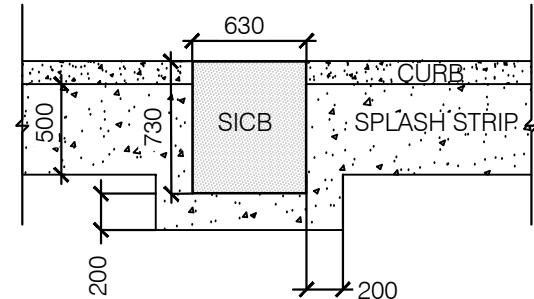
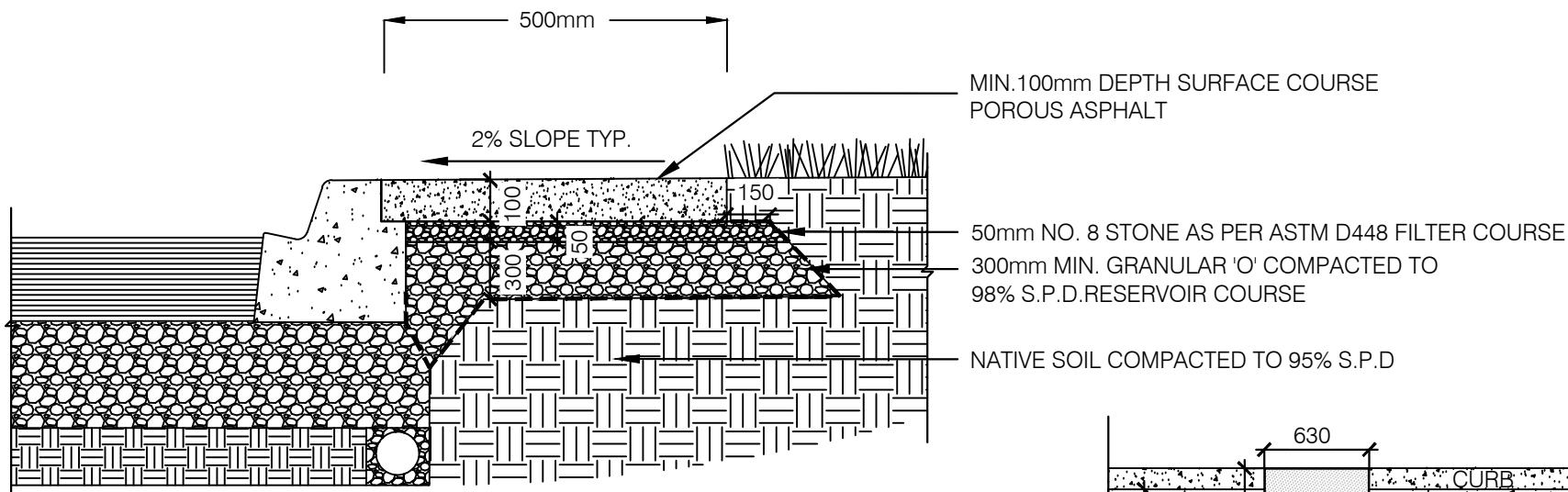
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CONCRETE TO BE 15MPa AT 28 DAYS AS PER CSA A23.2-9C.
3. CONTROL JOINTS TO BE LOCATED AT MAXIMUM INTERVALS OF 1.5m OC. CONTROL JOINTS TO BE SAW CUT TO A DEPTH OF 30mm.
4. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD SET AT 12mm BELOW GRADE AND FINISHED WITH CONCRETE COLOUR MATCHED POLYSULPHITE SEALANT FLUSH WITH FINISHED GRADE. LOCATE EXPANSION JOINTS EVERY THIRD JOINT AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES.



PERVIOUS COLOURED CONCRETE  
SPLASH STRIP FOR CONCRETE  
BARRIER CURB WITH STANDARD  
GUTTER BOULEVARDS

DATE: JANUARY 2023      SCALE N.T.S.

REV.      X      X      SS-105B



PAVING AT SIDE INLET CATCH BASINS

NOTES:

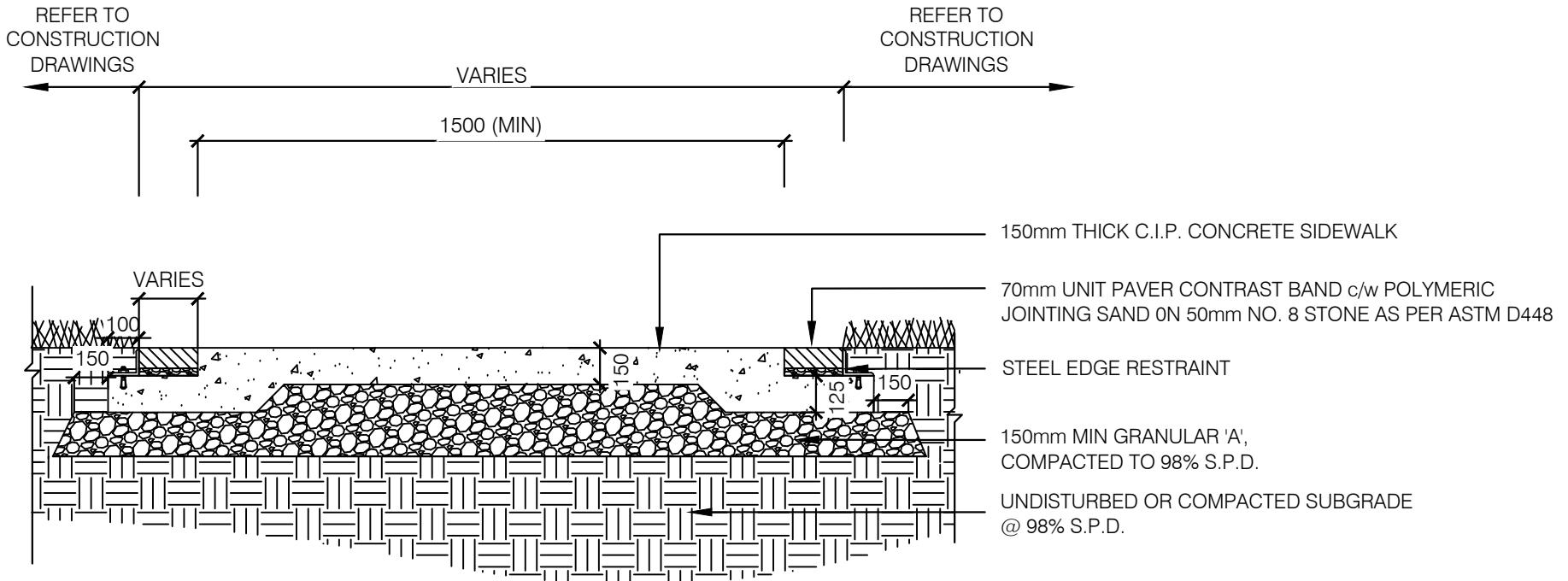
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED



POROUS COLOURED ASPHALT  
SPLASH STRIP FOR CONCRETE  
BARRIER CURB WITH STANDARD  
GUTTER BOULEVARDS

DATE: JANUARY 2023 SCALE N.T.S.

REV. X X SS-105C



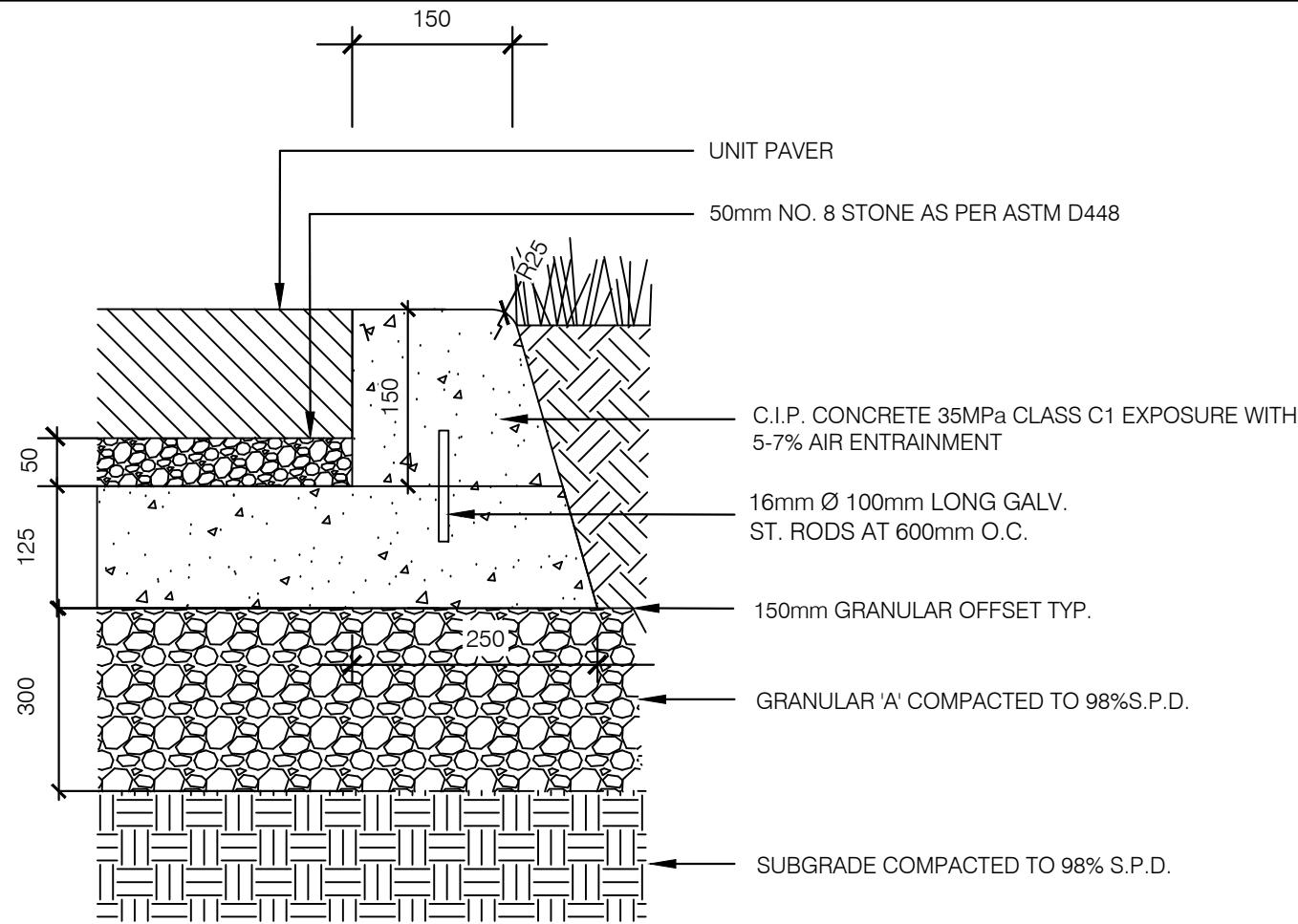
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE TO BE 32MPa AT 28 DAYS AND BE 5-7% AIR ENTRAINED.
3. CONTROL JOINTS TO BE LOCATED AT MAXIMUM INTERVALS OF 1.5m OC. CONTROL JOINTS TO BE SAW CUT TO A DEPTH OF 30mm.
4. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD SET AT 12mm BELOW GRADE AND FINISHED WITH CONCRETE COLOUR MATCHED POLYSULPHITE SEALANT FLUSH WITH FINISHED GRADE. LOCATE EXPANSION JOINTS EVERY THIRD JOINT AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES.



CONCRETE SIDEWALK WITH INLAID UNIT PAVER SOLIDER COURSE

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-106	



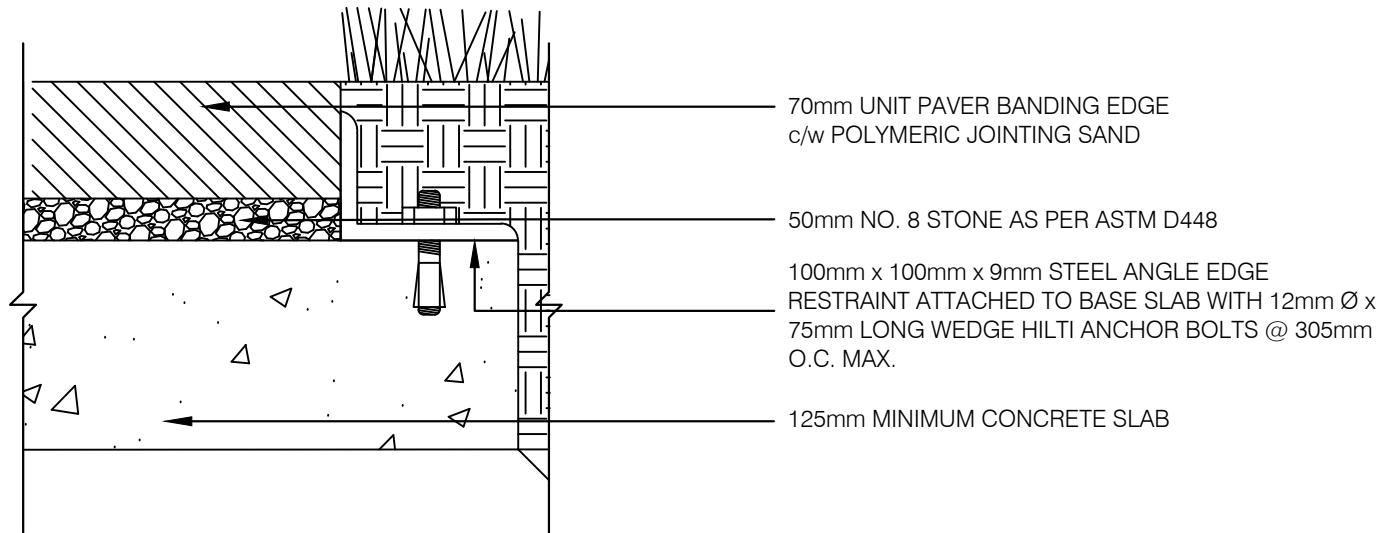
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE TO BE 35MPa CLASS C1 EXPOSURE WITH 5-7% AIR ENTRAINMENT
3. CONTROL JOINTS TO BE LOCATED AT MAXIMUM INTERVALS OF 1.5m OC. CONTROL JOINTS TO BE SAW CUT TO A DEPTH OF 30mm.
4. EXPANSION JOINTS TO BE 12mm BITUMINOUS FIBRE BOARD SET AT 12mm BELOW GRADE AND FINISHED WITH CONCRETE COLOUR MATCHED POLYSULPHITE SEALANT FLUSH WITH FINISHED GRADE. LOCATE EXPANSION JOINTS EVERY THIRD JOINT AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES.



**CONCRETE EDGE RESTRAINT FOR  
UNIT PAVERS**

DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	X	X	SS-107



NOTES:

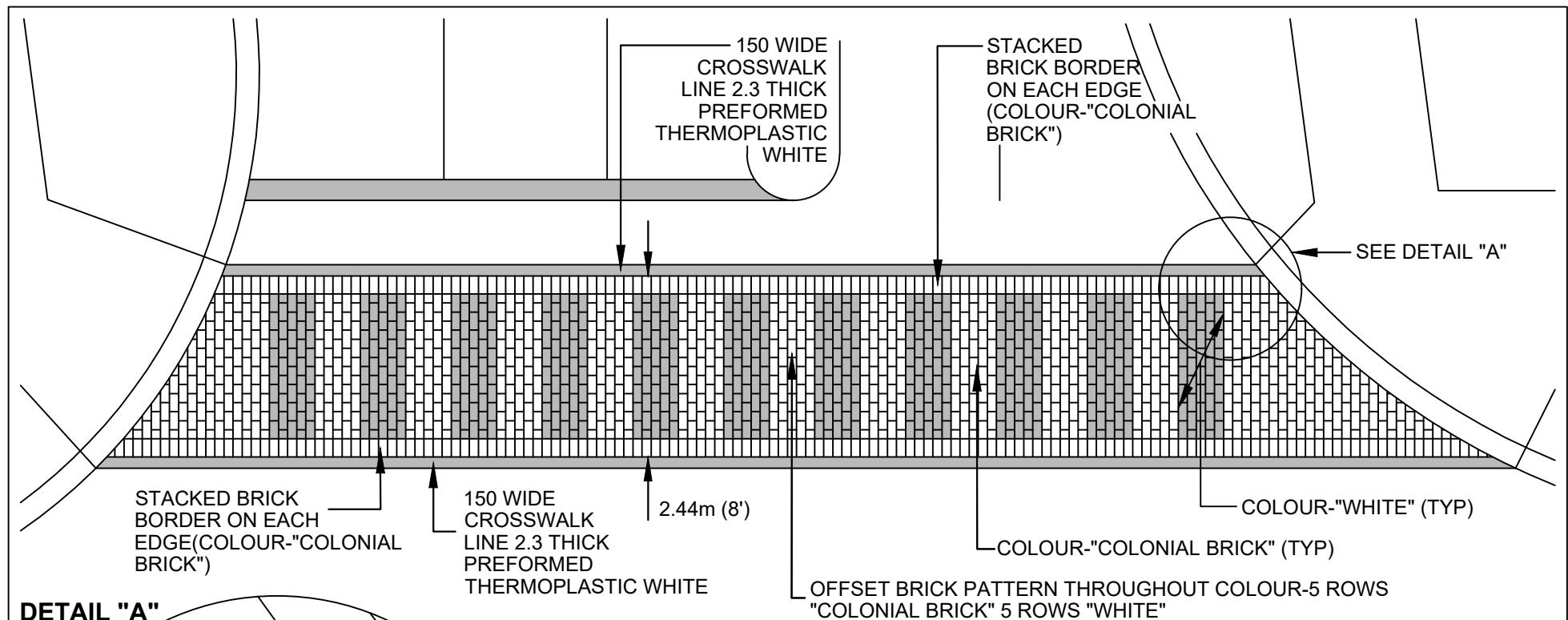
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. TOP OF EDGE RESTRAINT TO BE 20mm BELOW SURFACE OF UNIT PAVERS.



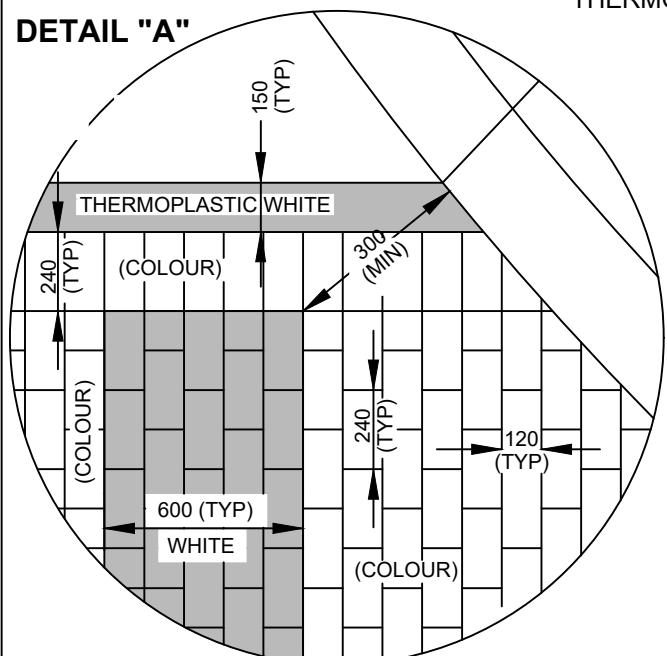
STEEL EDGE RESTRAINT FOR UNIT  
PAVERS

DATE: JANUARY 2023    SCALE N.T.S.

REV.	X	X	SS-108
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DETAIL "A"



NOTES:

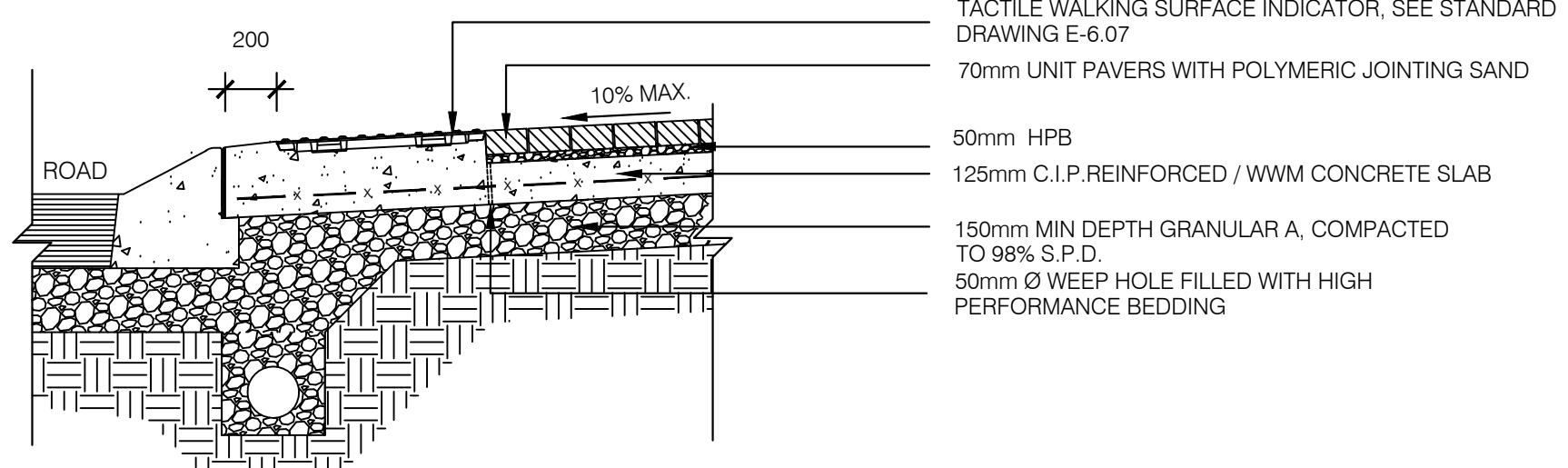
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. SEE STANDARD DRAWING DS-400 FOR PAVEMENT MARKING LEGEND.
3. THIS STANDARD IS TO BE USED AS A GUIDE ONLY AND WILL REQUIRE ADJUSTMENTS TO SUIT FIELD CONDITIONS.
4. NO WHITE BAR SHALL BE PLACED WITHIN 300mm OF THE RADIUS.
5. IN PLACE OF "COLONIAL RED", AN ALTERNATE COLOUR MAY BE SUBSTITUTED TO BETTER COORDINATE WITH THE PROPOSED ADJOINING STREETSCAPING WORK.
6. SEE STD. DWG. DS-408 FOR TYPICAL CROSSWALK LAYOUT AT SIGNALIZED INTERSECTIONS.



Public Works  
Transportation

TYPICAL ZEBRA PAVEMENT MARKING  
DETAIL AT SIGNALIZED INTERSECTIONS  
USING "TRAFFICPATTERNSXD"

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-109	



NOTES:

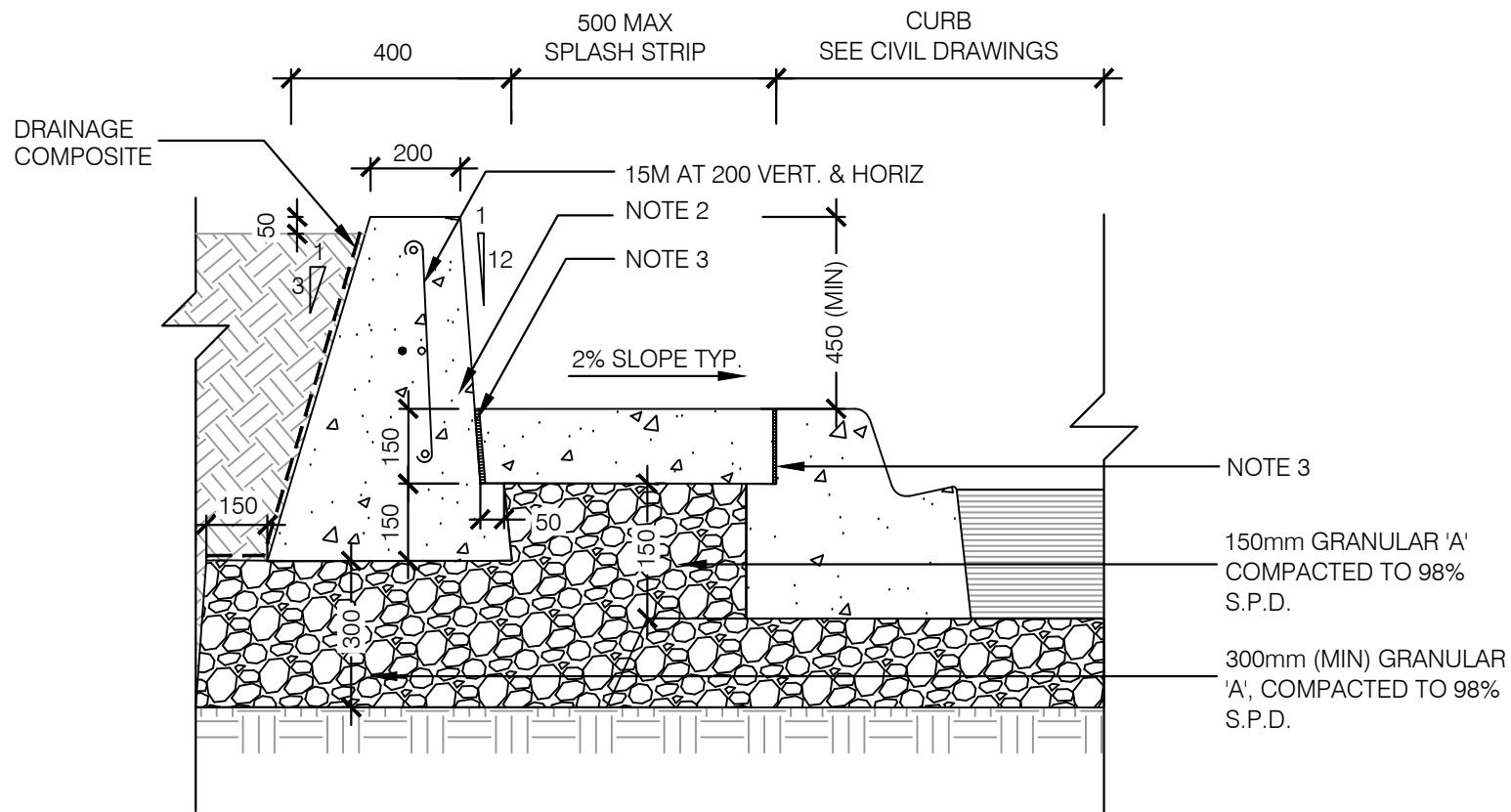
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE TRAFFIC AND ELECTRICAL CONTRACT DRAWINGS AND DETAILS.
3. POLYMERIC JOINTING SAND TO BE APPLIED FLUSH WITH TOP OF PAVERS
4. POLYMERIC SAND TO BE WATERED AS PER THE MANUFACTURES INSTRUCTIONS
5. UNIT PAVERS NOT SUITABLE FOR POLYMERIC JOINTING SAND SHALL HAVE REGULAR CLEAN JOINTING SAND WITH A SEALER APPLIED, UNLESS OTHERWISE DIRECTED BY THE CONTRACT ADMINISTRATOR
6. CONTROL JOINTS ON CURBS TO BE COVERED WITH A 100mmx200mm FILTER CLOTH ON THE INSIDE OF CURB TO PREVENT MIGRATION OF JOINTING SAND
7. WELDED WIRE MESH IS TO HAVE A 40-60mm OFFSET FROM ALL SURFACES OF THE CONCRETE. ANY FINISHED CONCRETE WITH EXPOSED STEEL REINFORCEMENT SHALL BE REPLACED.



UNIT PAVERS AT CURB RAMPS

DATE: JANUARY 2023    SCALE N.T.S.

REV. X X SS-110



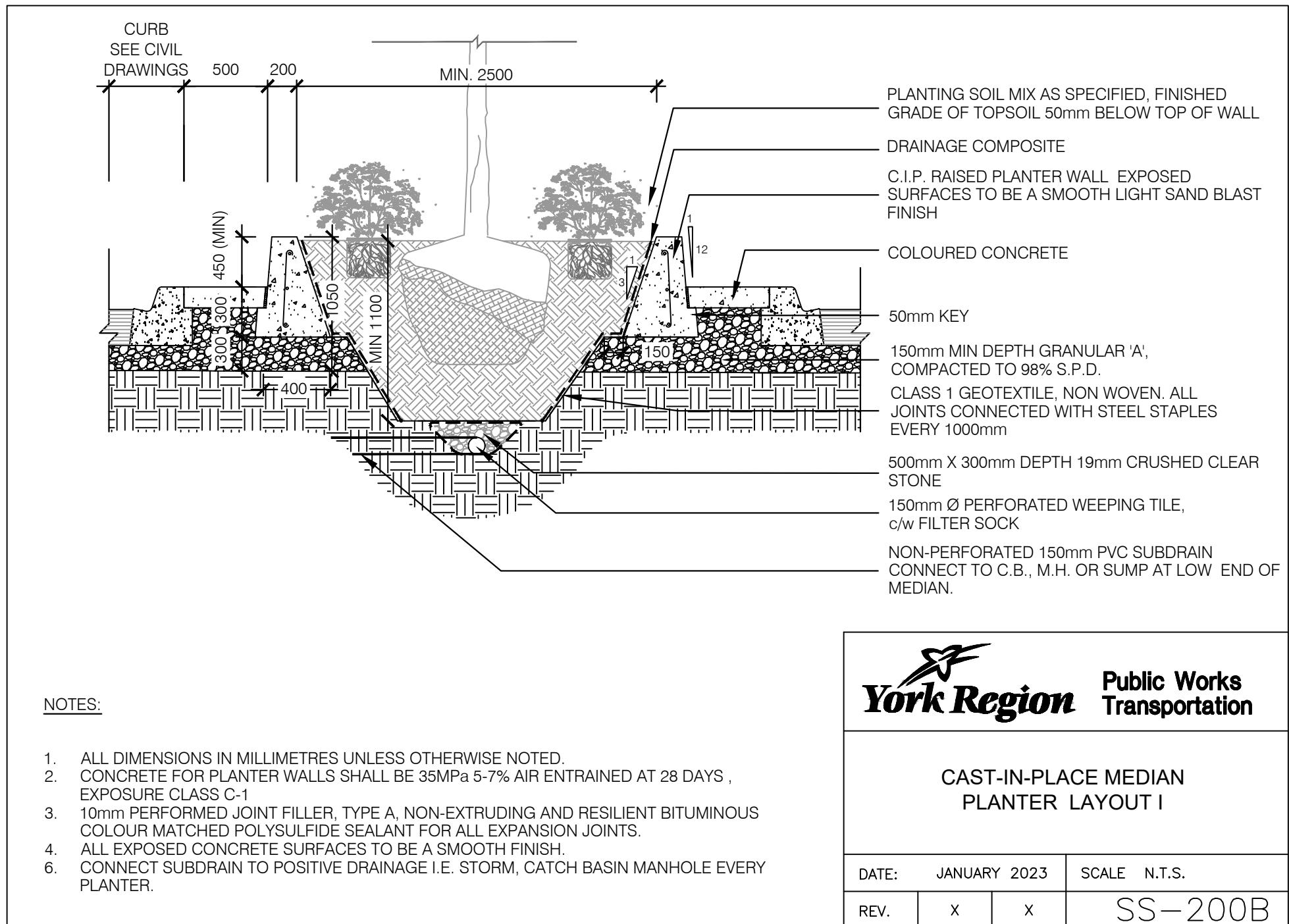
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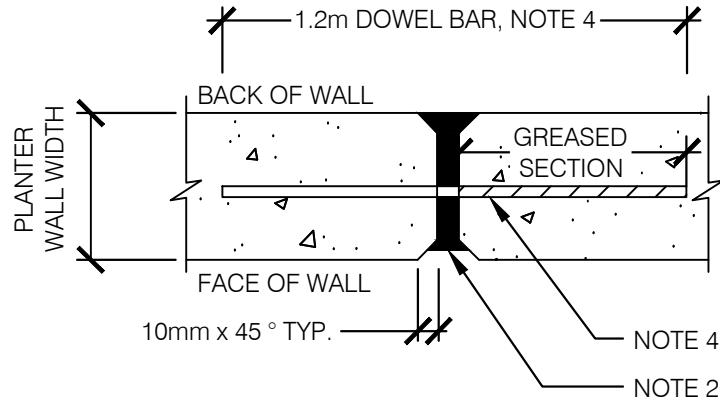
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER WALLS SHALL BE 35MPa 5-7% AIR ENTRAINED AT 28 DAYS , EXPOSURE CLASS C-1
3. 10mm PREFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED WITH POLYSULFIDE SEALANT
4. CONCRETE REINFORCEMENT NOMINAL COVER 70MM +/- 20



CAST-IN-PLACE  
MEDIAN PLANTER I

DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	X	X	SS-200A





PLAN OF EXPANSION JOINT DETAIL IN  
CONCRETE PLANTER WALL AT 4.5m SPACING

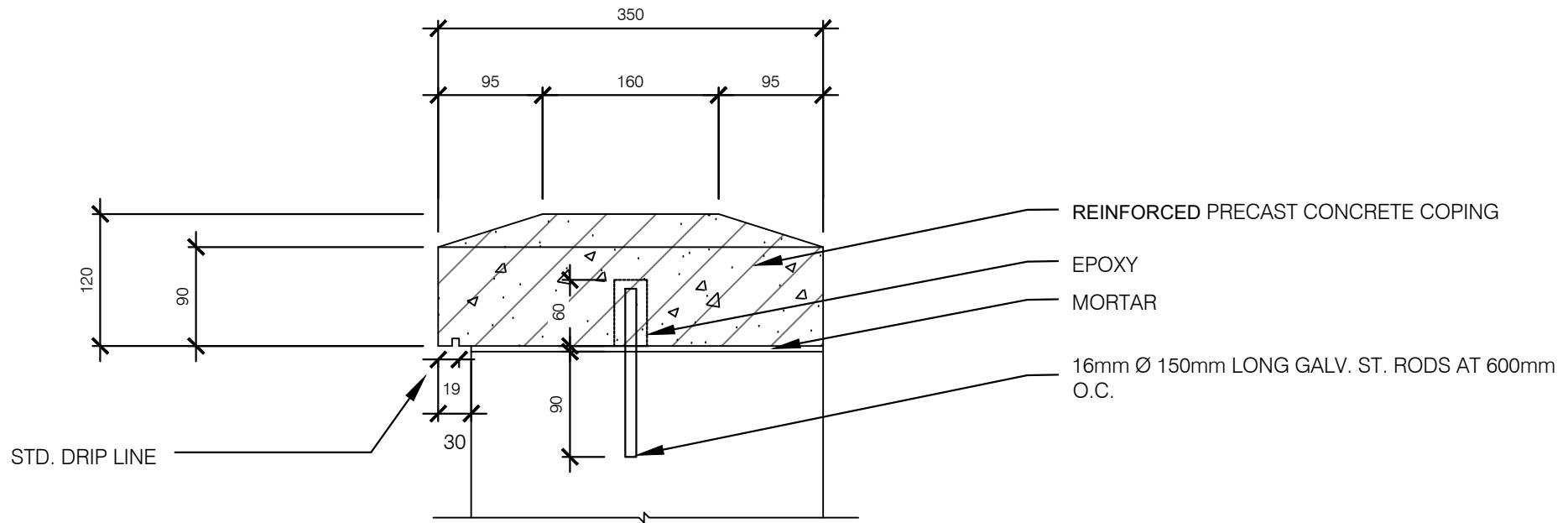
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. 10mm PREFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED WITH POLYSULFIDE SEALANT ON ALL FACE, TOP AND BACK OF WALLS AND JOINTS 20 mm WIDE.
3. 32mm DIA. STEEL DOWEL BAR.
4. EXPANSION AND CONTROL JOINTS SHALL BE ACCORDING TO THE LATEST METRIC, OPSS 350.
5. LENGTH LOCATIONS OF JOINTS MAY VARY AND SHALL BE COORDINATED ONSITE DURING THE MOCK-UP MEETING.



CONCRETE PLANTER WALL  
EXPANSION JOINT DETAIL

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-200C	



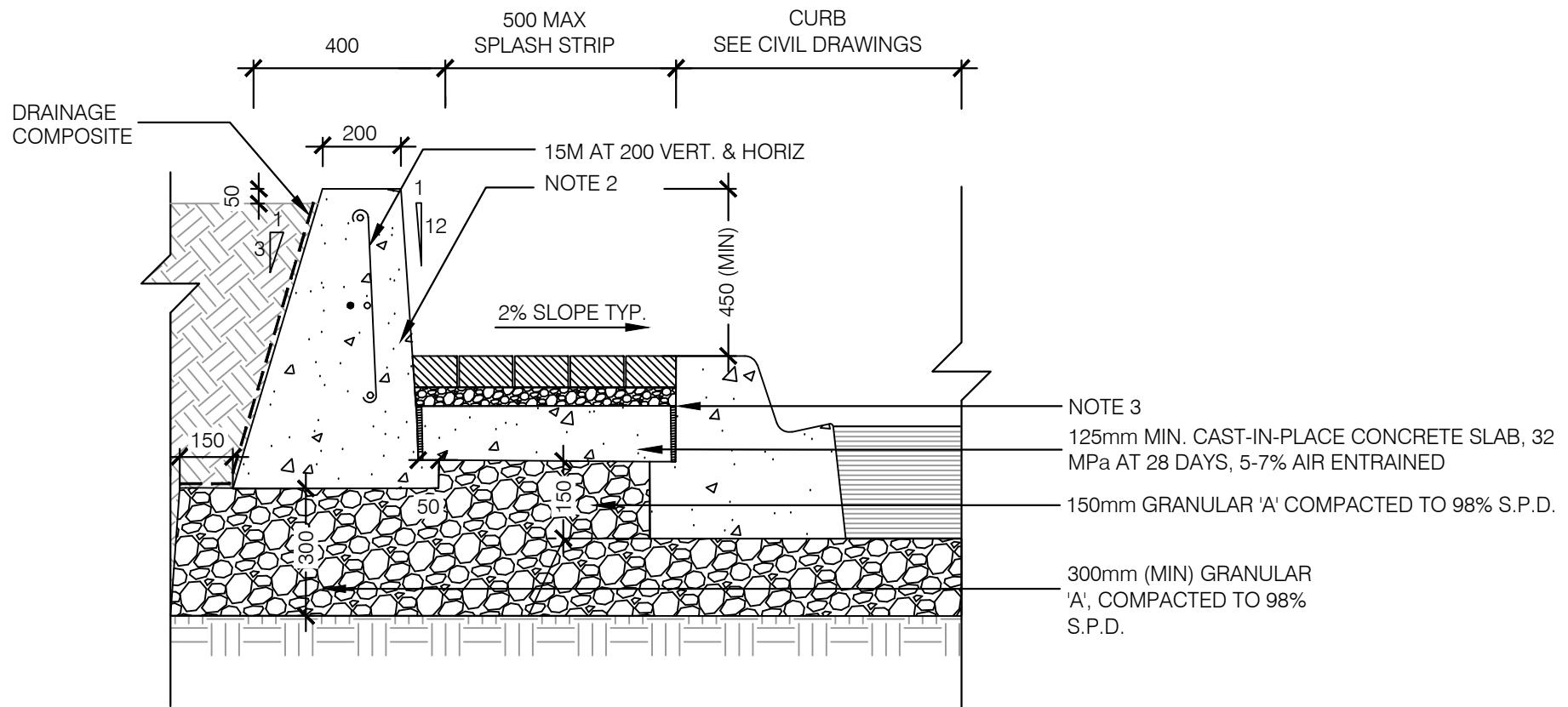
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE SHALL BE 35MPa, EXPOSURE CLASS C-1
2. 10mm PREFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED WITH POLYSULFIDE SEALANT ON ALL FACE, TOP AND BACK OF WALLS AND JOINTS.
3. ALL EXPOSED CONCRETE SURFACES TO HAVE A SMOOTH ACID WASH ARCHITECTURAL FINISH.



PLANTER WALL COPING UNIT

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-200D	



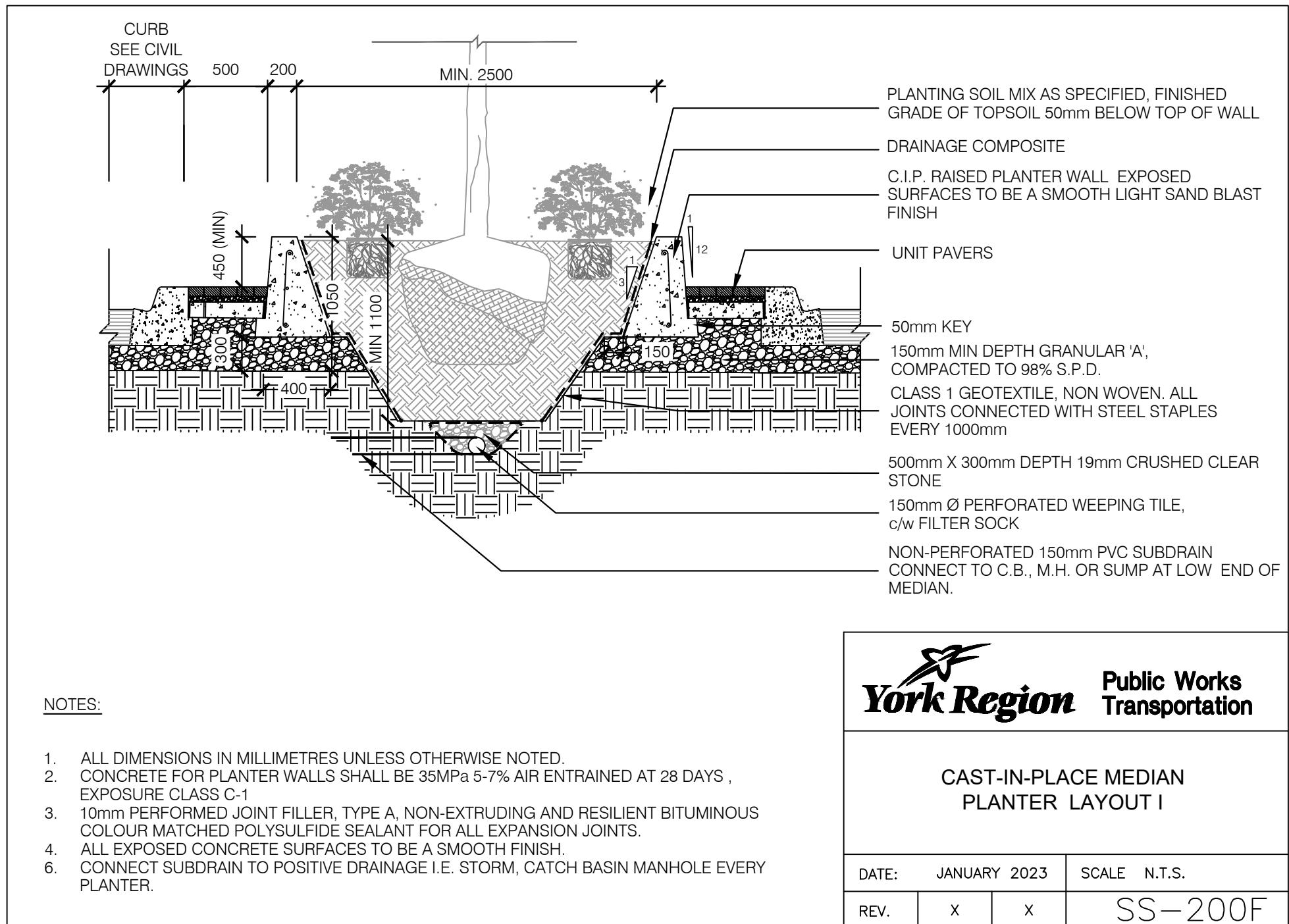
NOTES:

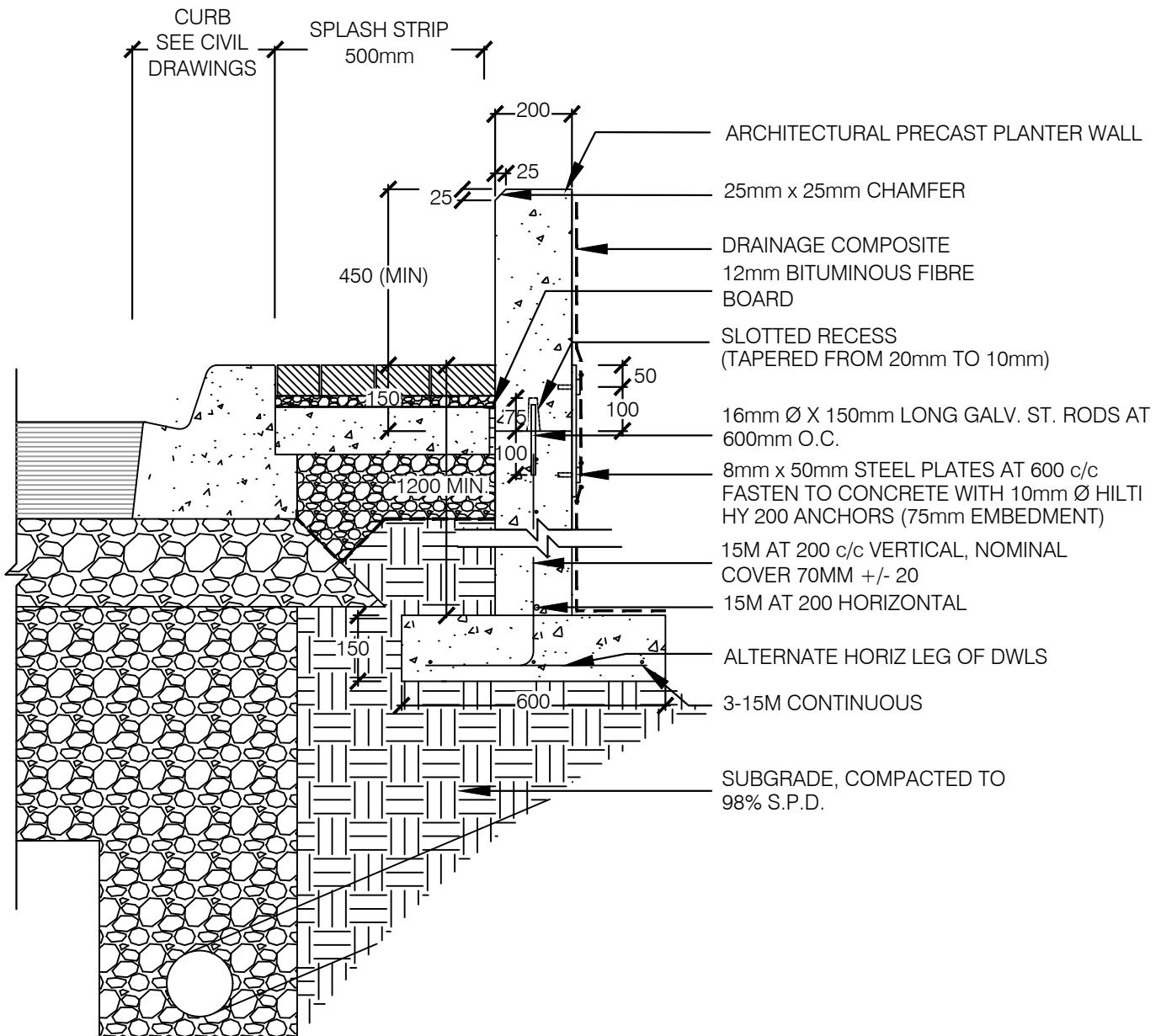
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER WALLS SHALL BE 35MPa 5-7% AIR ENTRAINED AT 28 DAYS , EXPOSURE CLASS C-1
3. 10mm PREFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED WITH POLYSULFIDE SEALANT
4. CONCRETE REINFORCEMENT NOMINAL COVER 70MM +/- 20



CAST-IN-PLACE  
MEDIAN PLANTER I

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	X	X	SS-200E	





NOTES:

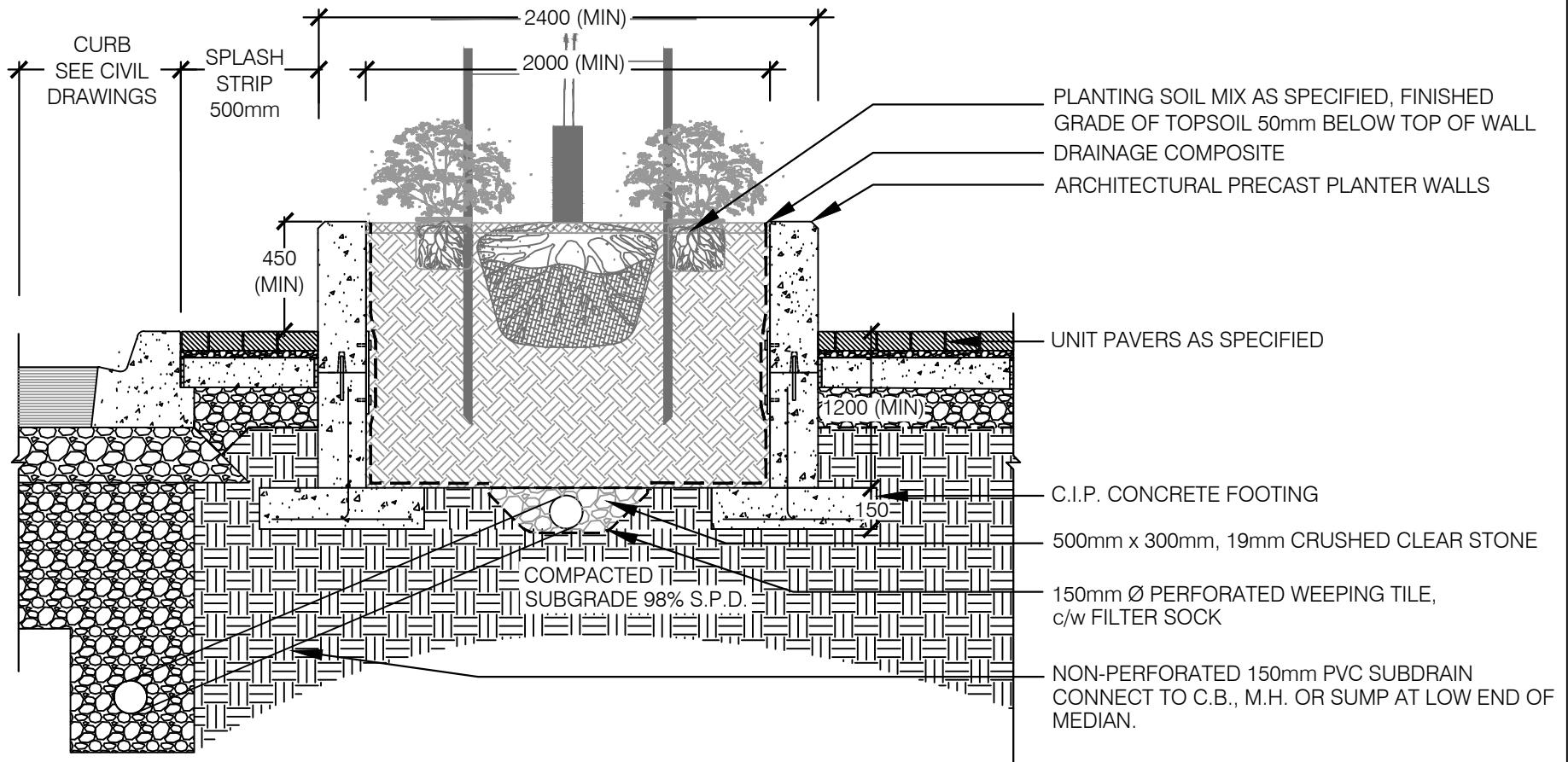
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER WALLS SHALL BE 35MPa AT 28 DAYS, 5-7% AIR ENTRAINED, EXPOSURE CLASS C-1
3. CONCRETE FOR PLANTER WALL FOUNDATION SHALL BE 32MPa AT 28 DAYS AND BE 5-7% AIR ENTRAINED, EXPOSURE CLASS C-2
4. 10mm PERFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED POLYSULFIDE SEALANT
5. ALL EXPOSED CONCRETE SURFACES TO HAVE A SMOOTH ARCHITECTURAL FINISH.



PRE-CAST ARCHITECTURAL  
BOULEVARD PLANTER

DATE: JANUARY 2023 SCALE N.T.S.

REV. X X SS-201A



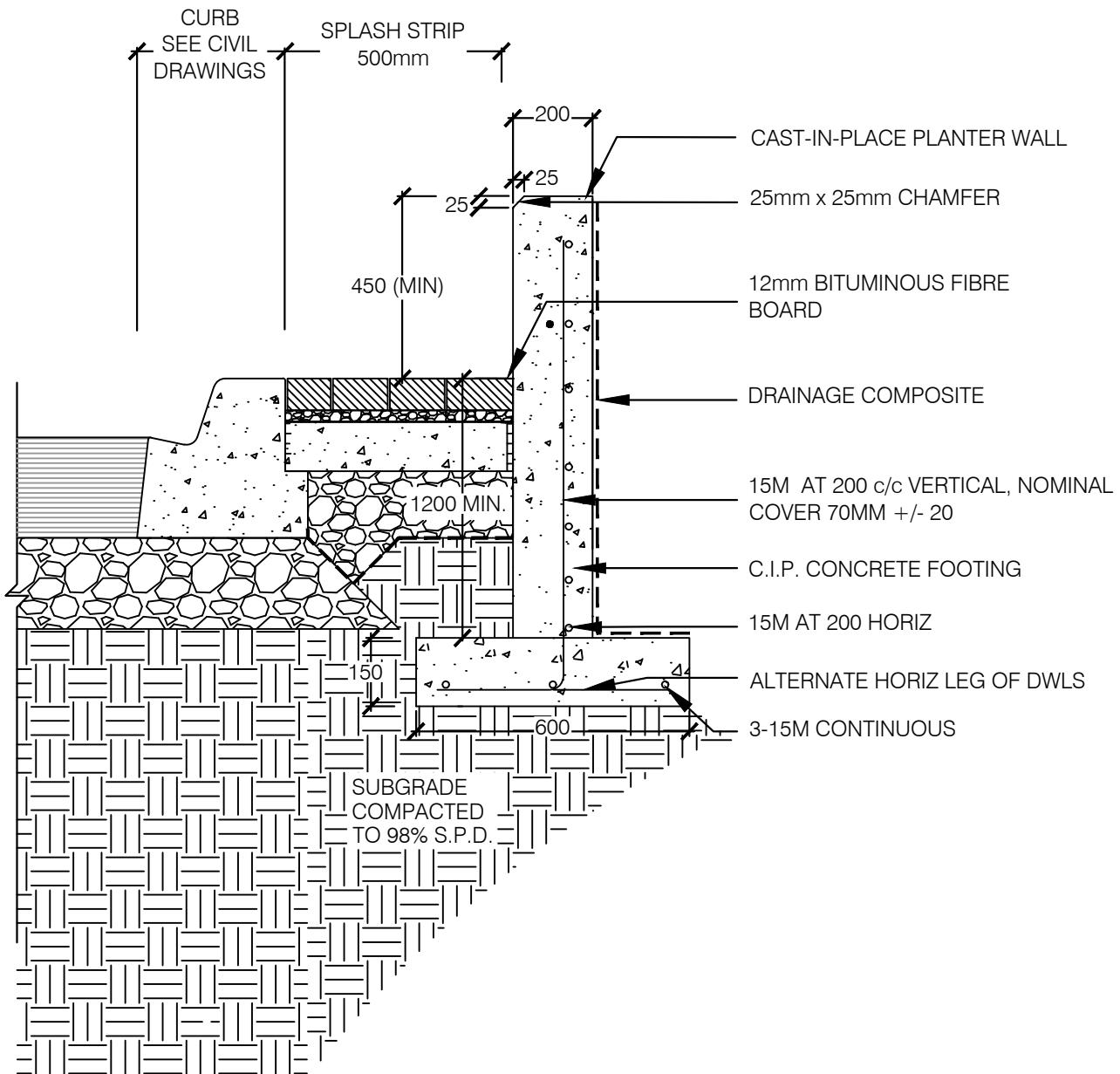
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER WALLS SHALL BE 35MPa AT 28 DAYS, 5-7% AIR ENTRAINED, EXPOSURE CLASS C-1.
3. CONCRETE FOR PLANTER WALL FOUNDATION SHALL BE 32MPa AT 28 DAYS AND BE 5-7% AIR ENTRAINED, EXPOSURE CLASS C-2.
4. 10mm PERFORATED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED POLYSULFIDE SEALANT.
5. ALL EXPOSED CONCRETE SURFACES TO HAVE A SMOOTH ARCHITECTURAL FINISH.
6. CONNECT SUBDRAIN TO POSITIVE DRAINAGE I.E. STORM, CATCH BASIN MANHOLE EVERY PLANTER.



PRE-CAST ARCHITECTURAL  
BOULEVARD PLANTER LAYOUT

DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	X	X	SS-201B



NOTES:

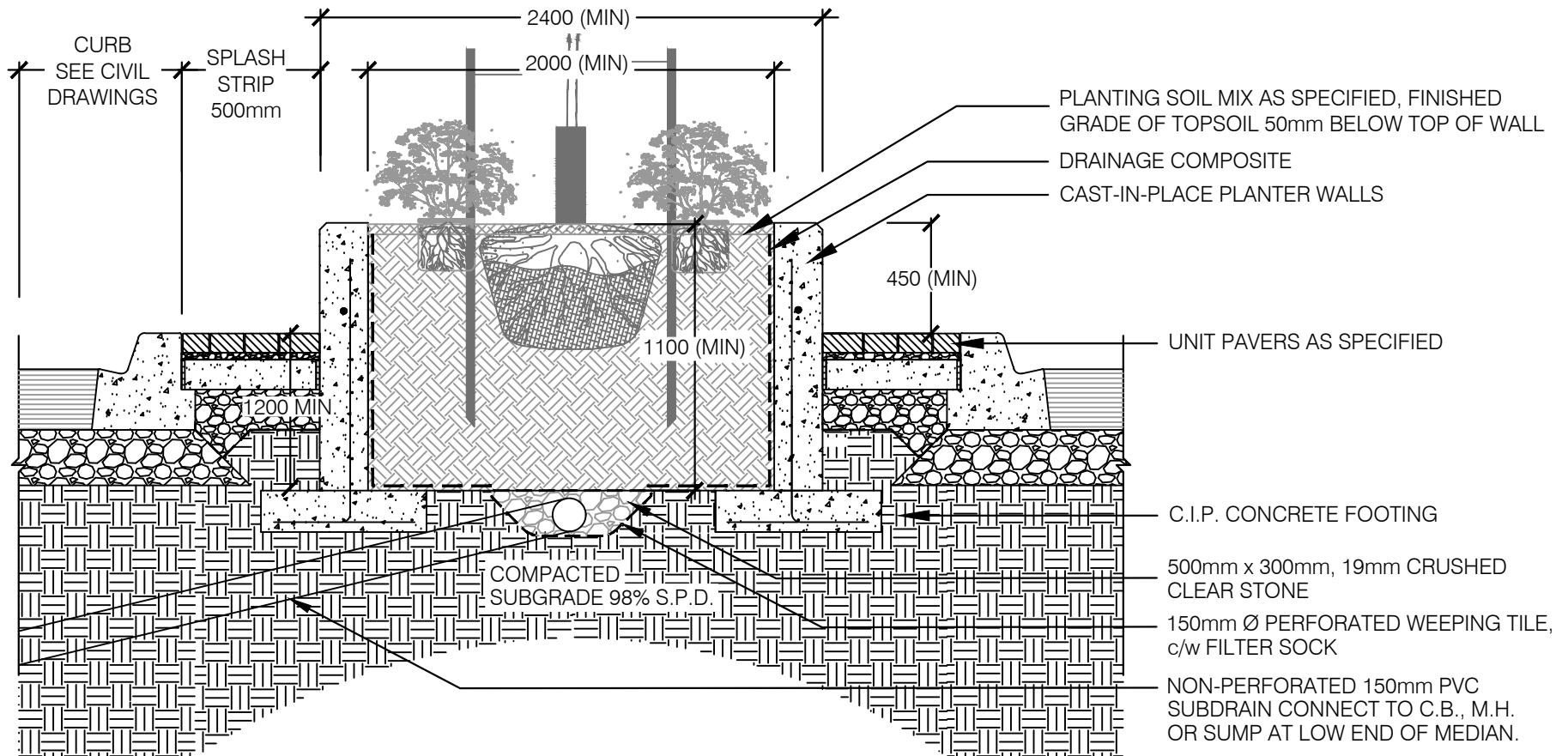
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER WALLS SHALL BE 35MPa AT 28 DAYS, 5-7% AIR ENTRAINED, EXPOSURE CLASS C-1
3. 10mm PERFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS
4. COLOUR MATCHED POLYSULFIDE SEALANT
5. ALL EXPOSED CONCRETE SURFACES TO HAVE A SMOOTH ARCHITECTURAL FINISH.



CAST-IN-PLACE  
MEDIAN PLANTER II

DATE: JANUARY 2023 SCALE N.T.S.

REV. X X SS-202A



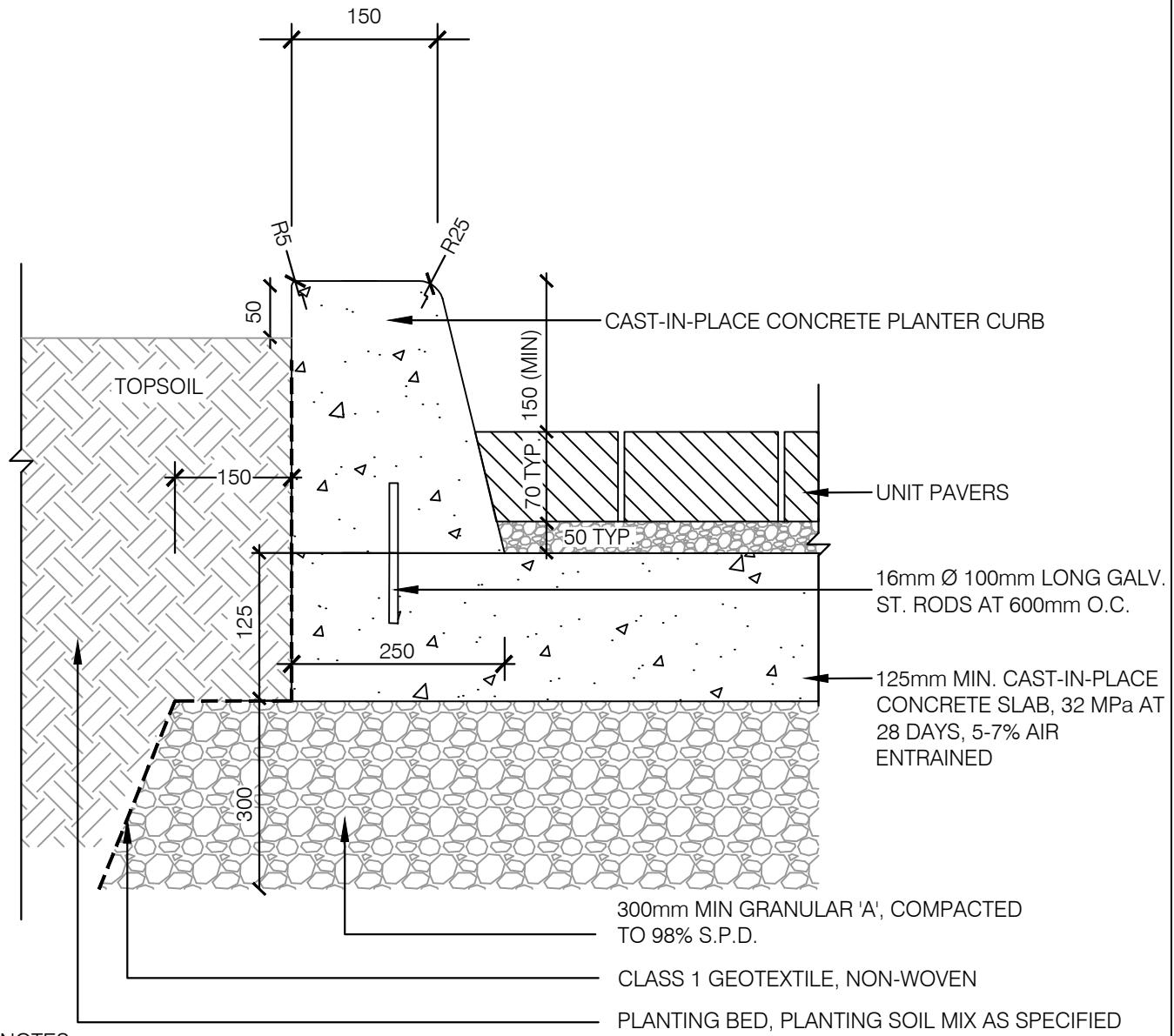
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER WALLS SHALL BE 35MPa AT 28 DAYS, 5-7% AIR ENTRAINED, EXPOSURE CLASS C-1
3. 10mm PERFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS
4. COLOUR MATCHED POLYSULFIDE SEALANT
5. ALL EXPOSED CONCRETE SURFACES TO HAVE A SMOOTH ARCHITECTURAL FINISH.
6. CONNECT SUBDRAIN TO POSITIVE DRAINAGE I.E. STORM, CATCH BASIN MANHOLE EVERY PLANTER.



CAST-IN-PLACE  
MEDIAN PLANTER LAYOUT II

DATE:	JANUARY 2023		SCALE N.T.S.
REV.	X	X	SS-202B



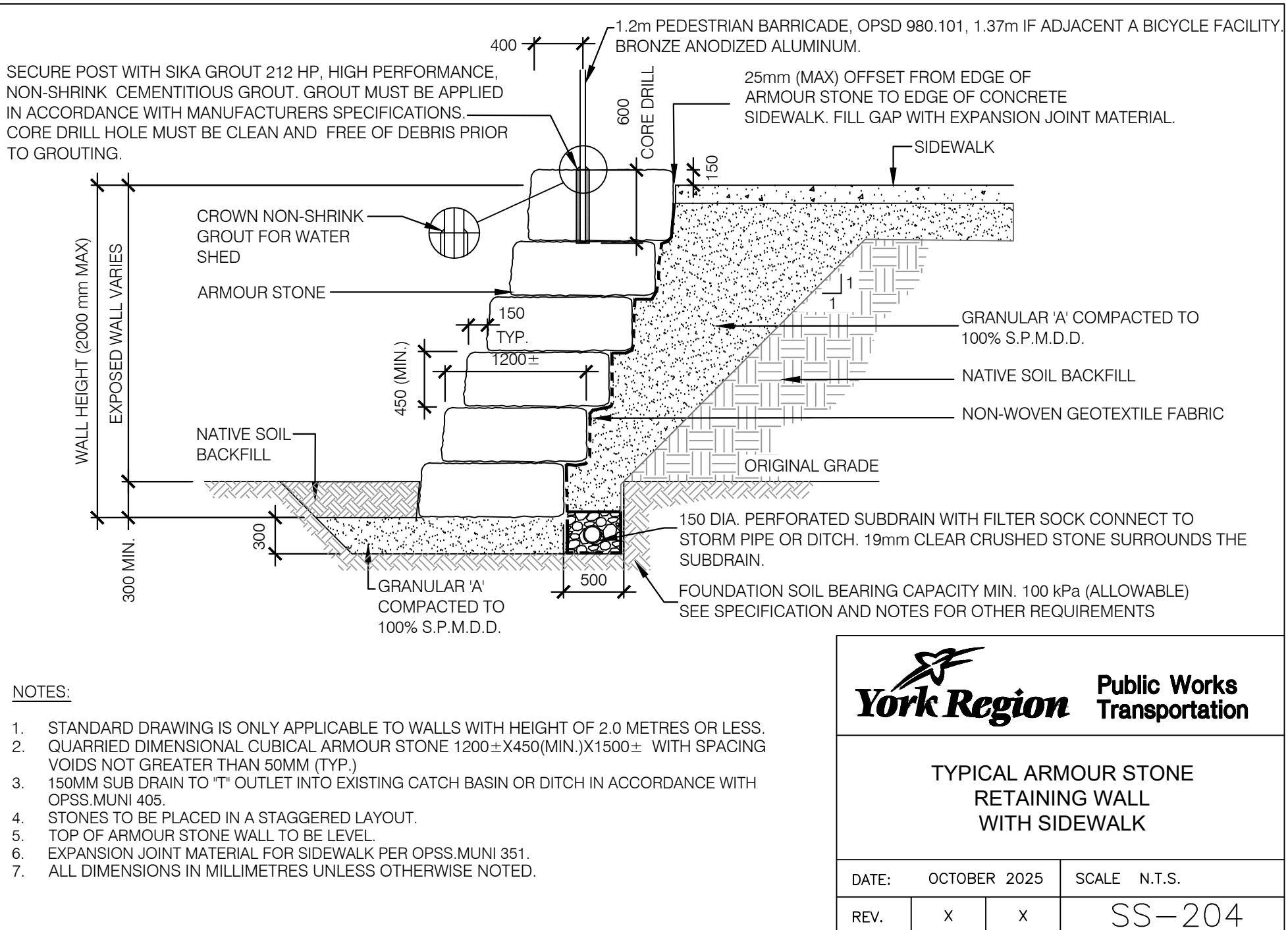
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER CURB SHALL BE 35MPa, EXPOSURE CLASS C-1
3. 10mm PERFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS
4. COLOUR MATCHED POLYSULFIDE SEALANT
5. ALL EXPOSED CONCRETE SURFACES TO HAVE A SMOOTH ARCHITECTURAL FINISH.
6. CONTROL JOINTS ON CURBS TO BE COVERED WITH FILTER CLOTH TO PREVENT MIGRATION OF JOINTING SAND

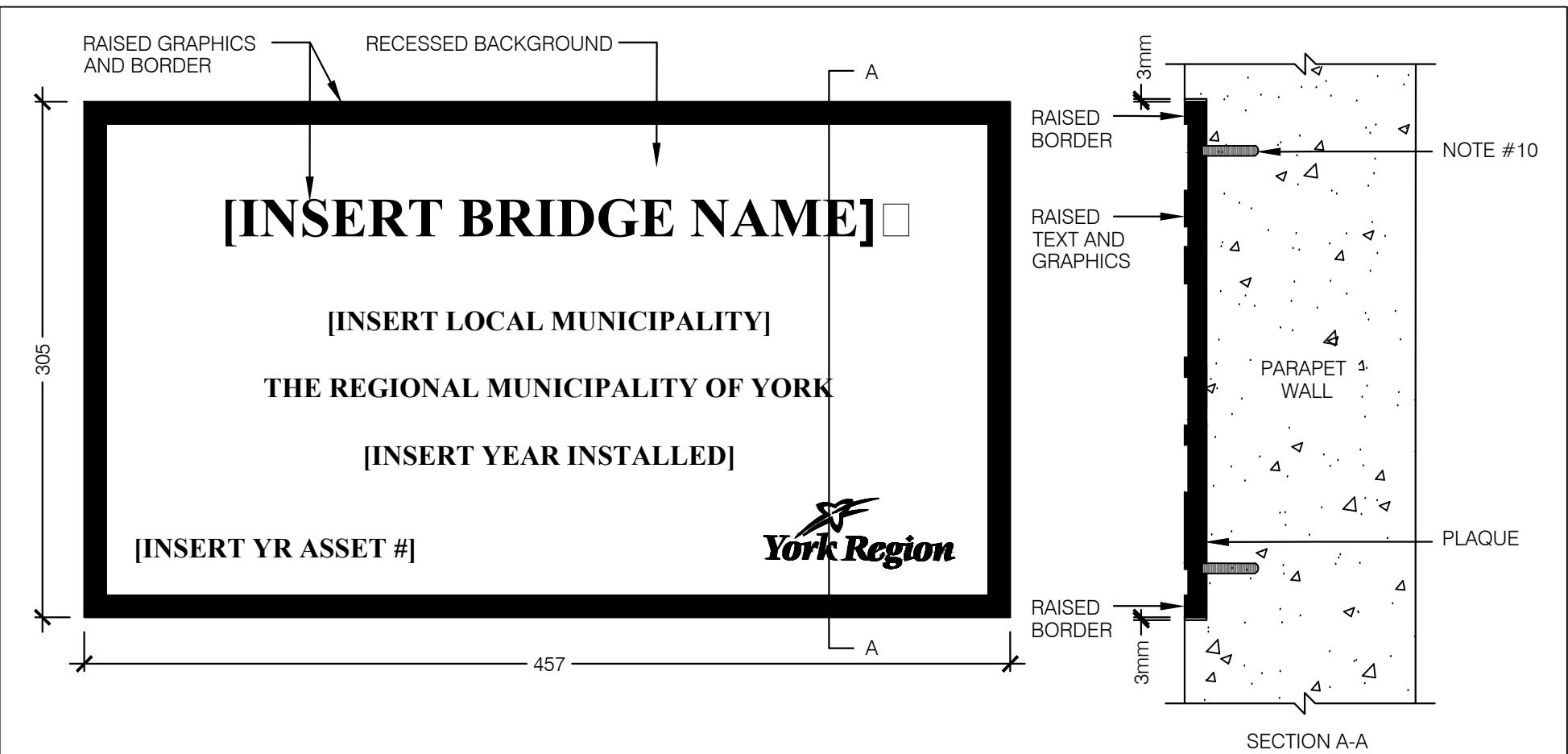
**York Region** Public Works Transportation

CAST-IN-PLACE CONCRETE PLANTER CURB

DATE: JANUARY 2023 SCALE N.T.S.

REV. X X SS-203

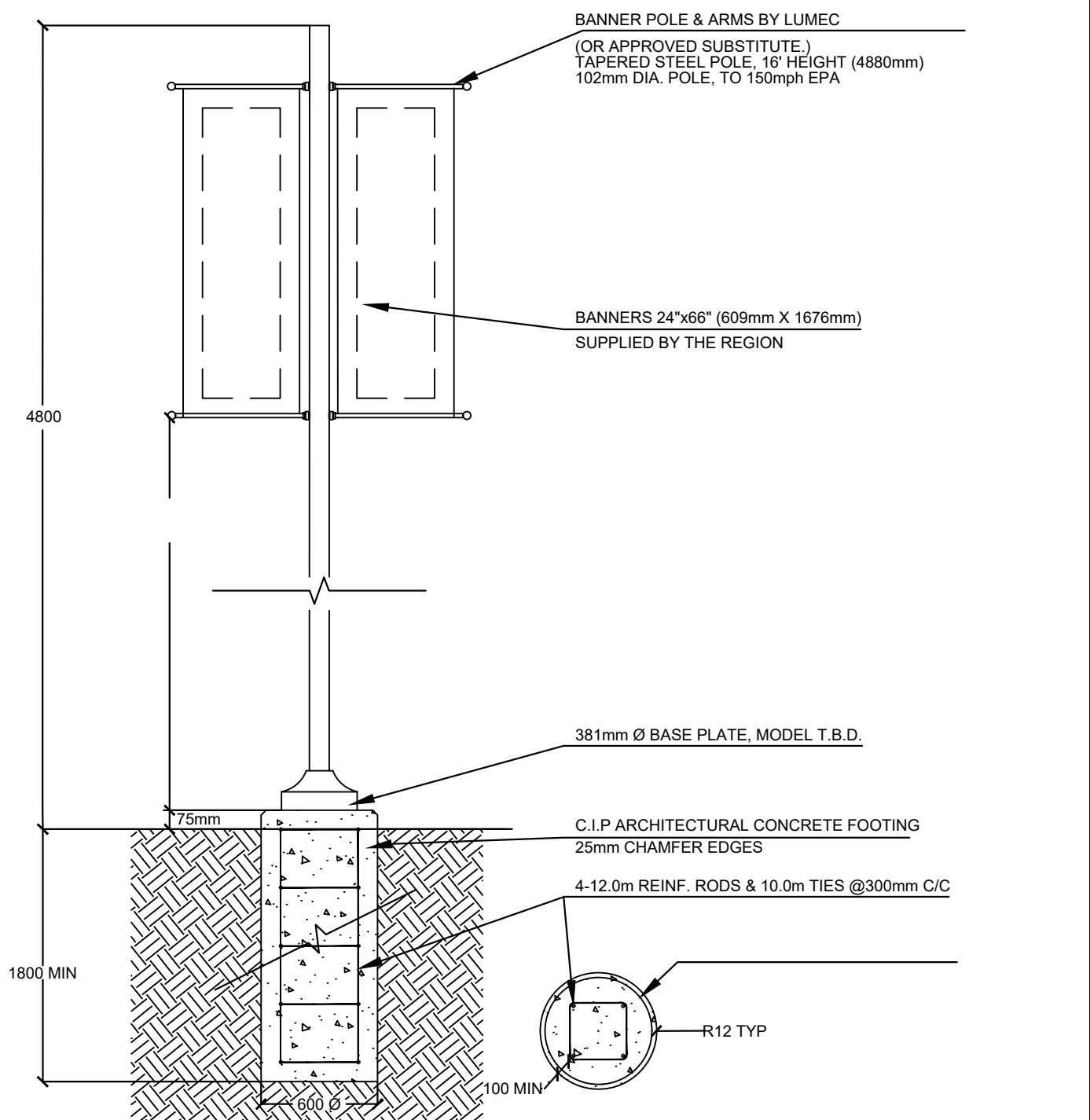




NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. PLAQUE TO BE INSET 10MM (3/8") INTO PARAPET WALL SO THAT THE PLAQUE SURFACE IS FLUSH WITH THE PARAPET WALL SURFACE
3. THE CONTRACTOR SHALL SUPPLY SHOP DRAWINGS TO THE CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO INSTALLATION.
4. ITEM: TWO (2) CAST PLAQUES
5. COPY: (AS SHOWN)
6. MATERIAL: BRONZE
7. SIZE: 305mmx457mm (12X18") AT 10mm (3/8") DEPTH
8. STYLE: AS SHOWN
9. FINISH: DARK BROWN OXIDE BACKGROUND
10. MOUNTING: [4] 10-24 X 2.75" STAINLESS STEEL THREADED PINS & CONSTRUCTION ADHESIVE

 <b>Public Works Transportation</b>			
BRIDGE PLAQUE			
DATE: JANUARY 2023    SCALE N.T.S.			
REV.	X	X	SS-300



NOTES:

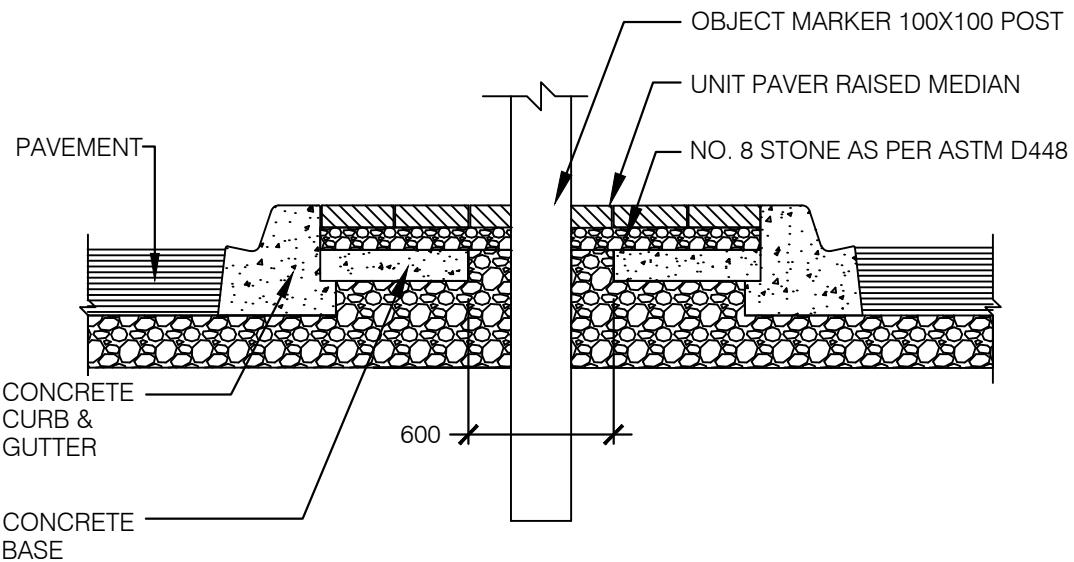
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED
2. PROVIDE DOUBLE BANNER ARMS, BLACK. PRE-DRILLED HOLE LOCATIONS FOR BANNER ARMS TO BE DETERMINED.
3. PROVIDE SHOP DRAWING OF BANNER POLE, ANCHORING SYSTEM AND BANNER ARMS COMPLETE, FOR THE APPROVAL OF THE REGION.



BANNER POLE ON CONCRETE BASE

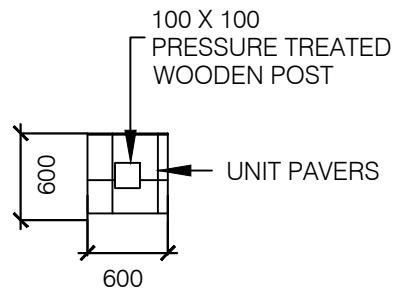
DATE: JANUARY 2023      SCALE N.T.S.

REV.      X      X      SS-301



SIDE VIEW:

UNIT PAVER ON CONCRETE  
BASE RAISED MEDIAN  
N.T.S.



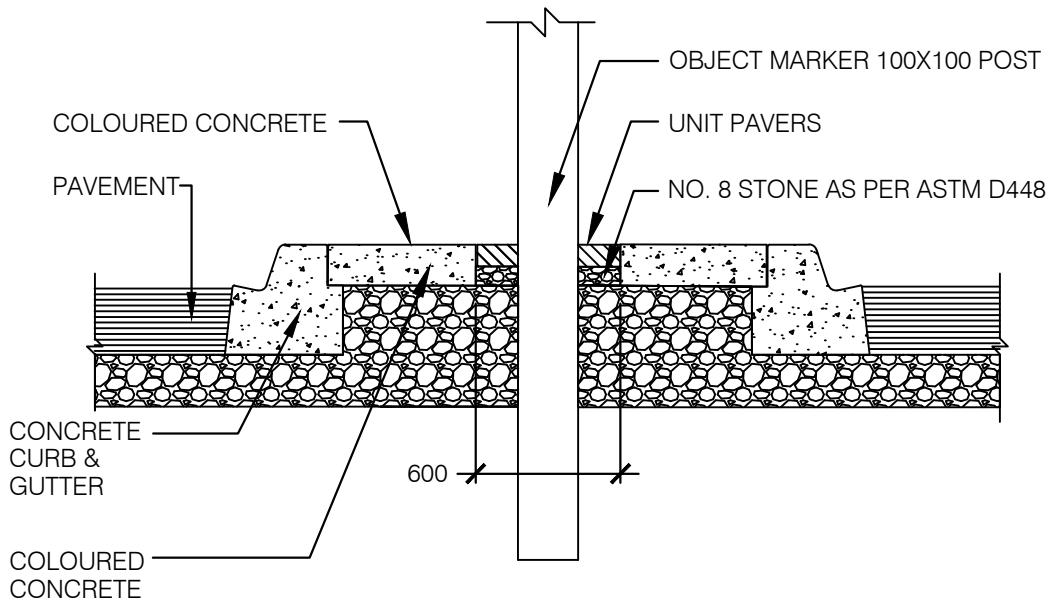
PLAN VIEW:

UNIT PAVERS  
ADJACENT POST  
N.T.S.

NOTES:

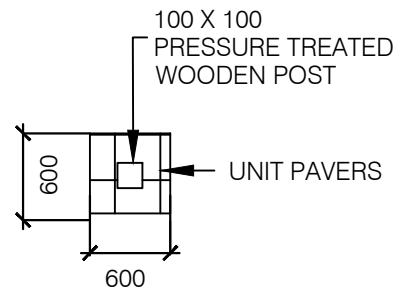
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. THE MEDIANS CONCRETE BASE SHALL BE FORMED AND POURED TO ACCOMMODATE A 600 X 600mm SQUARE VOID FOR THE INSTALLATION OF THE "KEEP RIGHT" SIGN AND OBJECT MARKER POST (SEE ABOVE).
3. UNIT PAVERS TO BE LAID AFTER THE POST AND SIGN INSTALLATION.
4. THIS DETAIL IS TO BE READ IN CONJUNCTION WITH SS-102A - UNIT PAVER MEDIAN ON CONCRETE BASE.

		<b>Public Works Transportation</b>	
<b>UNIT PAVERS IN MEDIAN ISLANDS ADJACENT OBJECT MARKERS/POSTS</b>			
DATE:	JANUARY 2023		SCALE N.T.S.
REV.	X	X	SS-302A



SIDE VIEW:

COLOURED CONCRETE  
RAISED MEDIAN  
N.T.S.



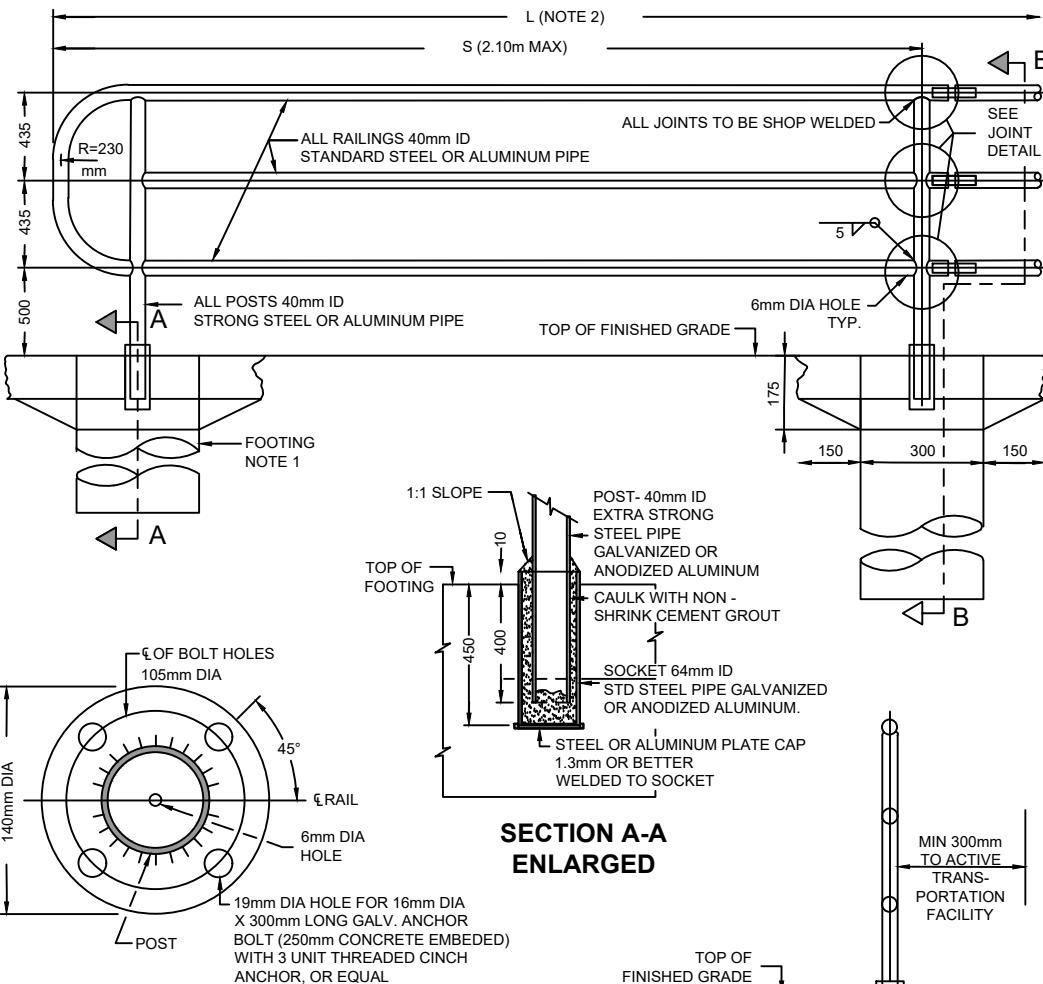
PLAN VIEW:

UNIT PAVERS  
ADJACENT POST  
N.T.S.

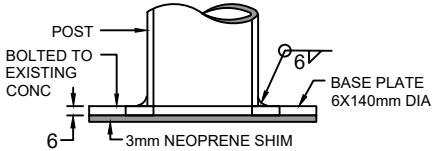
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. THE MEDIAN COLOURED CONCRETE SHALL BE FORMED AND POURED TO ACCOMMODATE A 600 X 600mm SQUARE VOID FOR THE INSTALLATION OF THE "KEEP RIGHT" SIGN AND OBJECT MARKER POST (SEE ABOVE).
3. UNIT PAVERS TO MATCH COLOURED CONCRETE AND INSTALLED AFTER THE SIGN POST.
4. THIS DETAIL IS TO BE READ IN CONJUNCTION WITH SS-104A IMPRESSED/STAMPED COLOURED CONCRETE MEDIAN AND SS-102A - UNIT PAVER MEDIAN ON CONCRETE BASE.

		<b>Public Works Transportation</b>	
<b>COLOURED CONCRETE IN MEDIAN ISLANDS ADJACENT OBJECT MARKERS/POSTS</b>			
DATE:	JANUARY 2023		SCALE N.T.S.
REV.	X	X	SS-302B



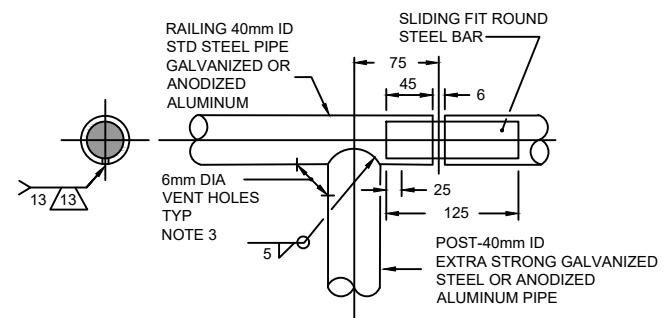
**PLAN OF BASE PLATE**



**BASE PLATE ELEVATION  
SECTION A-A**

**NOTES:**

1. ANCHOR LEVELING (BASE) PLATES FOR HAND RAIL POSTS TO BE SET IN CENTRE OF 300MM DIA.X1200MM DEEP CONC. FOOTINGS.
2. NUMBER OF PANELS =  $\frac{\text{TOTAL LENGTH}(L-600\text{MM})}{\text{LENGTH OF PANELS}(S)}$
3. 6MM DIA HOLES ARE TO PERMIT GASES TO ESCAPE DURING GALVANIZING, ANODIZING OR PAINTING.
4. CLASS OF CONCRETE - 32MPA MIN AFTER 28 DAYS.
5. HAND RAIL TO BE HOT DIP - GALVANIZED OR ANODIZED ALUMINUM AFTER FABRICATION IN CONFORMANCE WITH CSA G-164 OR AAMA-2604-11 STANDARDS.
6. POSTS SHALL BE VERTICAL. ALL EXPOSED CORNERS TO BE GROUND SMOOTH.
7. WELDING SHALL CONFORM TO THE LATEST ISSUE OF CSA SPECIFICATION W59 IF STEEL AND W59.2-M191A IF ALUMINUM.
8. PIPE SHALL BE SUPPLIED ACCORDANCE WITH ASTM DESIGNATION A120 OR ASTM A 463 .
9. STANDARD TO BE USED IN PLACE OF OPSD 980.101 WHERE ADDITIONAL RAIL HEIGHT IS REQUIRED FOR CYCLISTS.
10. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.



**TYPICAL JOINT DETAIL**



**Public Works  
Transportation**

**PEDESTRIAN AND CYCLIST BARRICADE**

DATE: OCTOBER 2025    SCALE N.T.S.

REV. X X SS-304