

# Streetscape Standard Drawings List

## SS-100 Series - Hardscape/Paving Details

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

# Streetscape Standard Drawings List

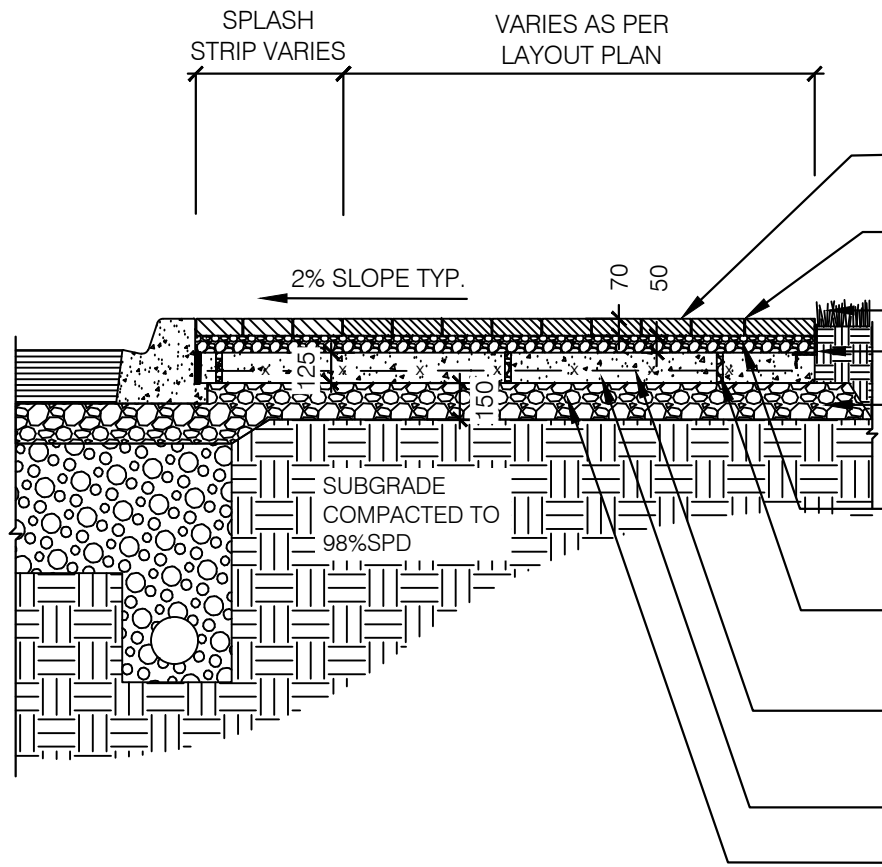
## SS-200 Series - Planter Details

<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
<del>SS-204</del>	<del>Typical Armour Stone Retaining Wall</del>	Removed Sep 2024. To be updated.

# Streetscape Standard Drawings List

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

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



- UNIT PAVING AS SPECIFIED - REFER TO PAVING LAYOUT DRAWINGS FOR PAVER TYPE AND PATTERN
- POLYMERIC JOINTING SAND REFER TO NOTES/SPECIFICATIONS
- SOD
- PAVER EDGE STEEL ANGLE RESTRAINT
- 150mm OFFSET FROM EDGE RESTRAINT
- 50mm NO. 8 STONE AS PER ASTM D448
- 50MM DIA. WEEP HOLES FILLED WITH NO. 8 STONE AS PER ASTM D448 OR PEA STONE AT LOWEST ELEVATIONS 2 METRES O/C
- 152x152 MD11.1 x MD11.1 WELDED WIRE MESH (ONLY AT INTERSECTION QUADRANTS/SIGHT TRIANGLE EXTENTS)
- 125mm MIN. CAST-IN-PLACE CONCRETE SLAB, 32 MPa AT 28 DAYS, 5-7% AIR ENTRAINED
- 150mm MIN. GRANULAR 'A' COMPACTED TO 98% S.P.D.

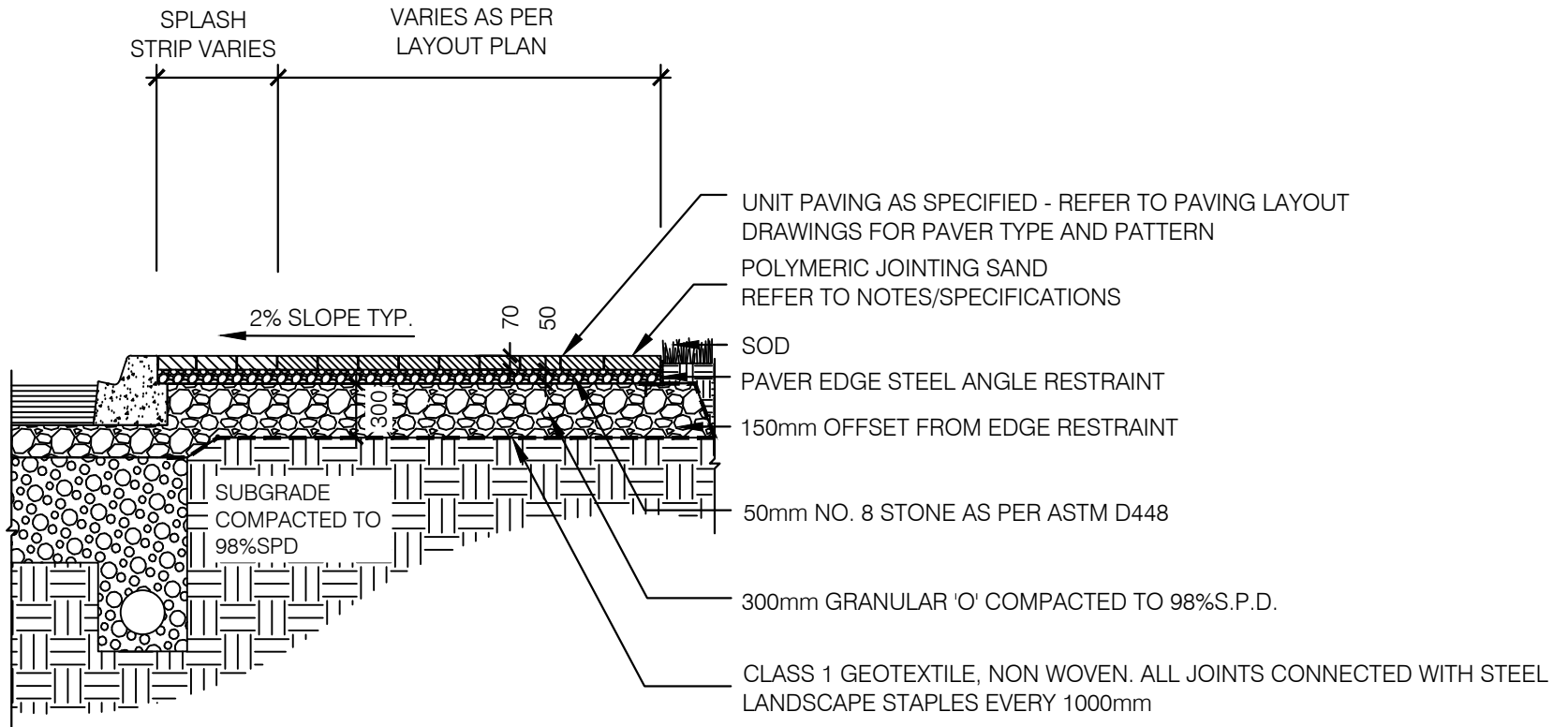
**NOTES:**

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 MANUFACTURES 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.



**UNIT PAVERS ON CONCRETE BASE**

DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	x	x	SS-100



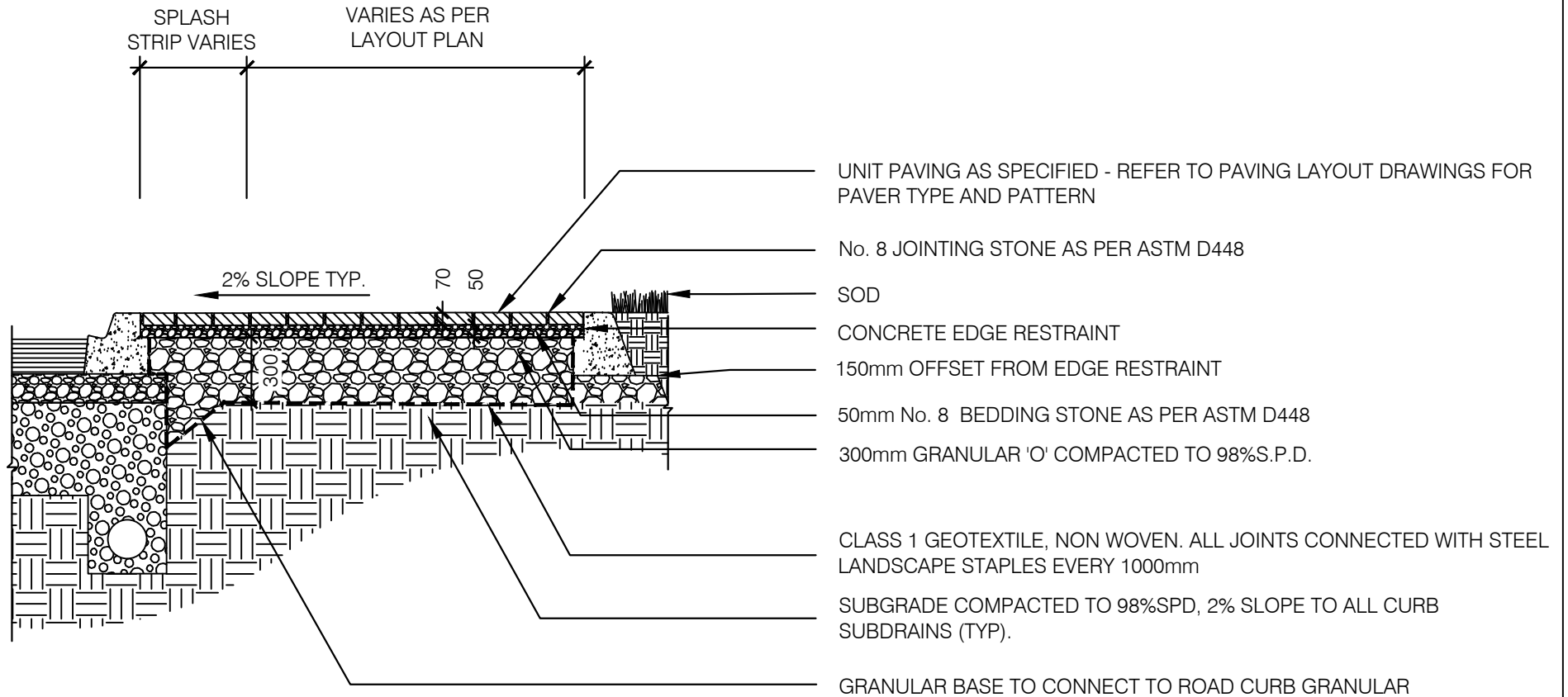
NOTES:

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



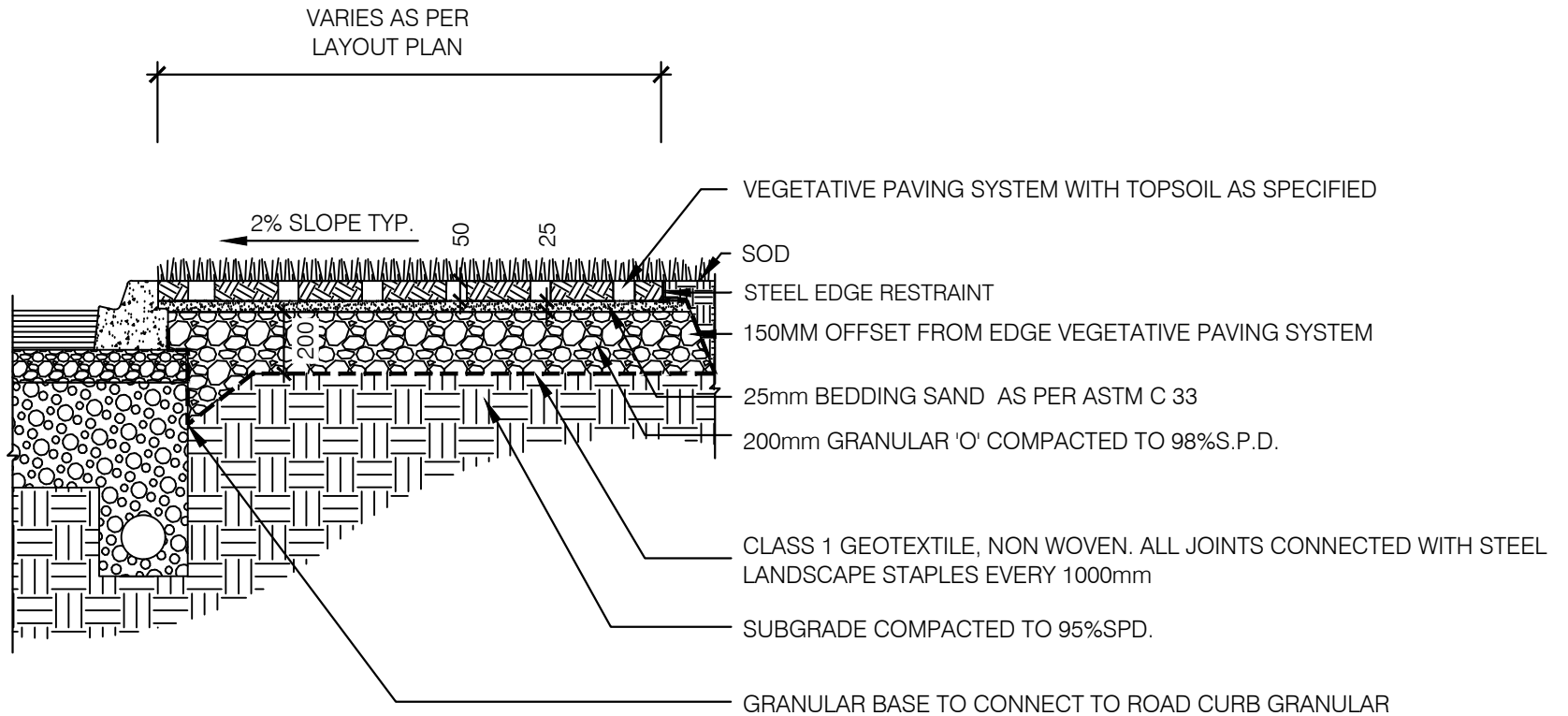
NOTES:

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



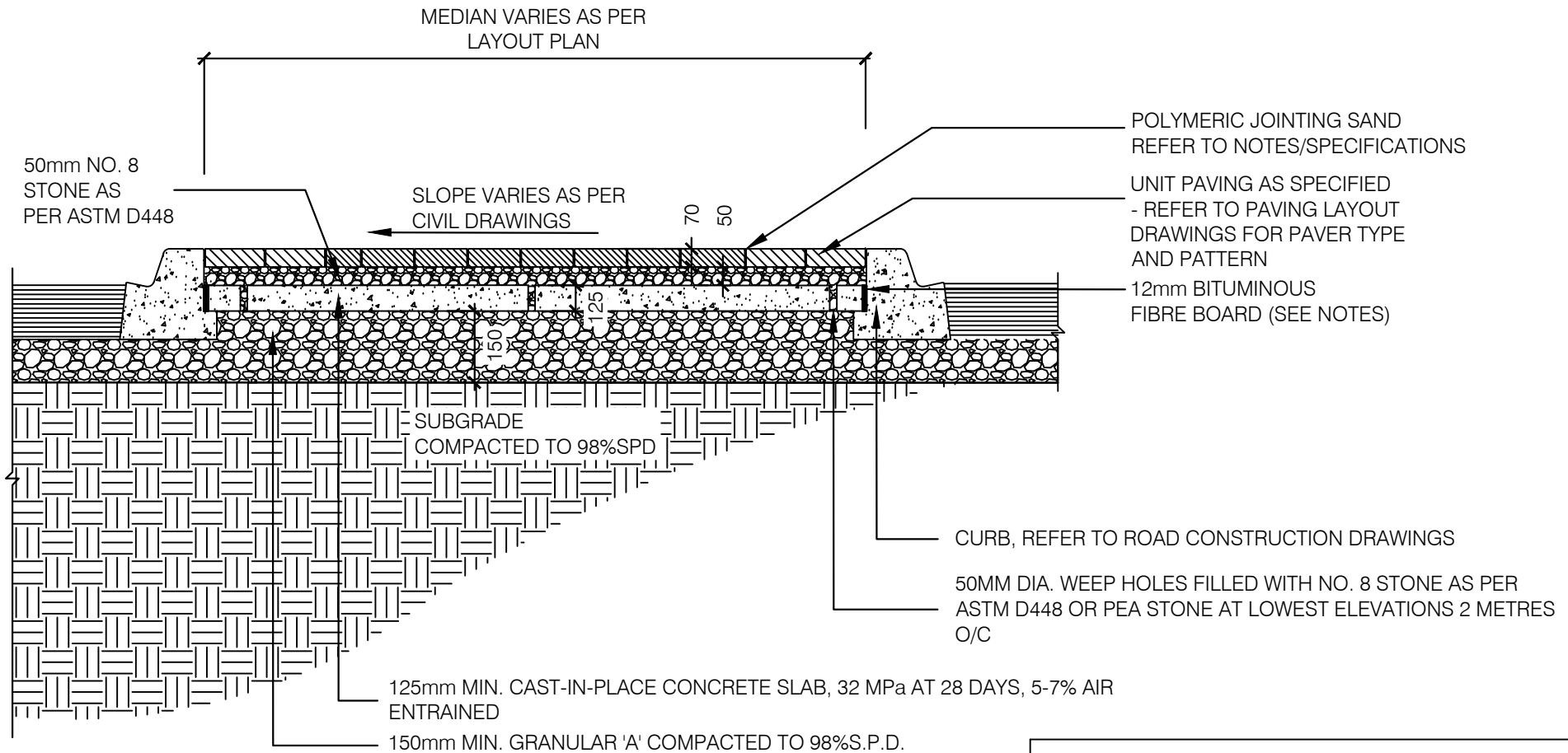
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED




VEGETATIVE PAVING

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

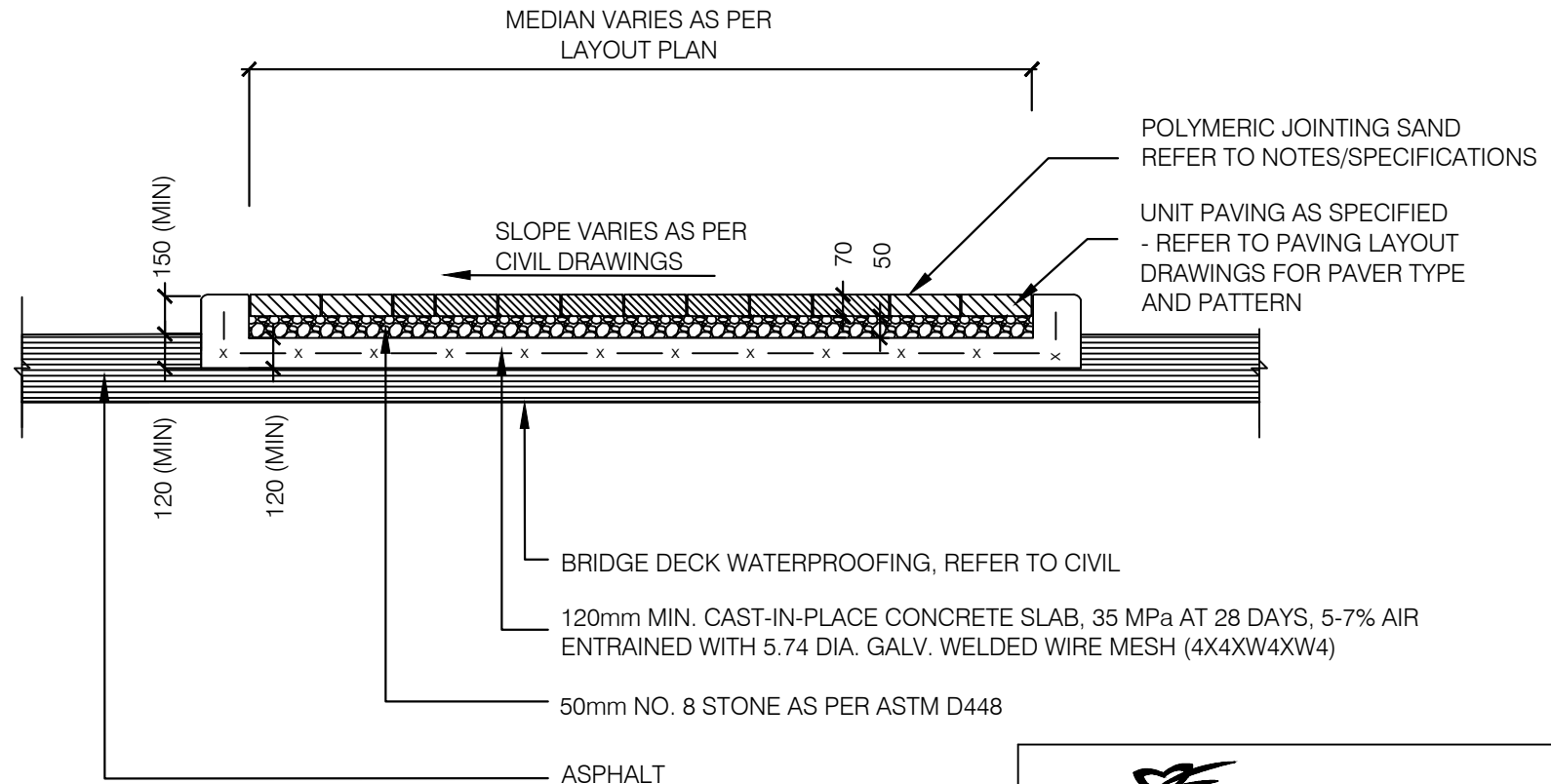


**NOTES:**

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 MANUFACTURES 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

		<b>Public Works Transportation</b>
<b>UNIT PAVER MEDIAN ON CONCRETE BASE</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	x      x	SS-102A





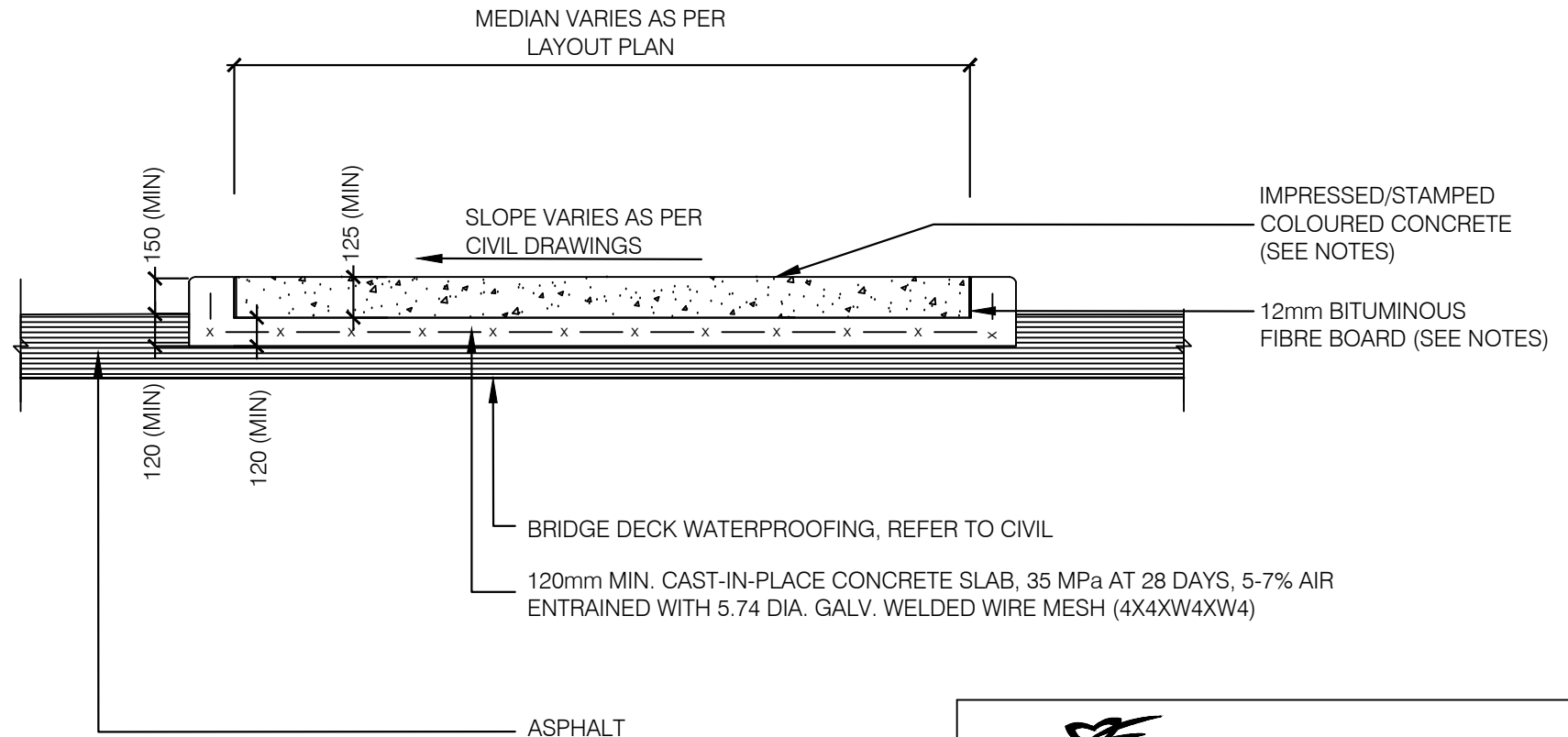
**NOTES:**

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 MANUFACTURES 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

**York Region** Public Works  
Transportation


**UNIT PAVER MEDIAN ON CONCRETE  
BASE OVER BRIDGE DECK**

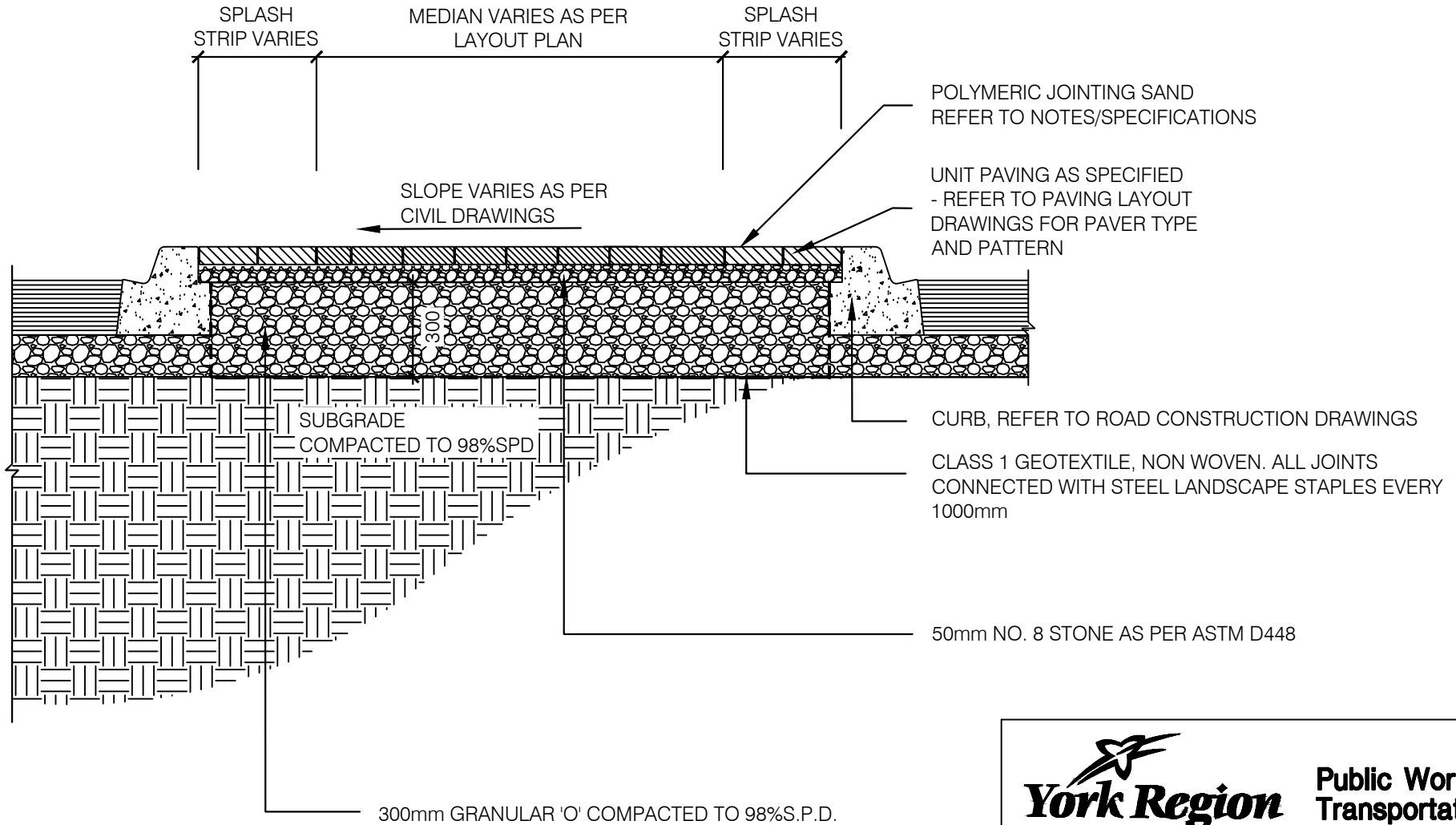
DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	x	x	SS-102B



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.

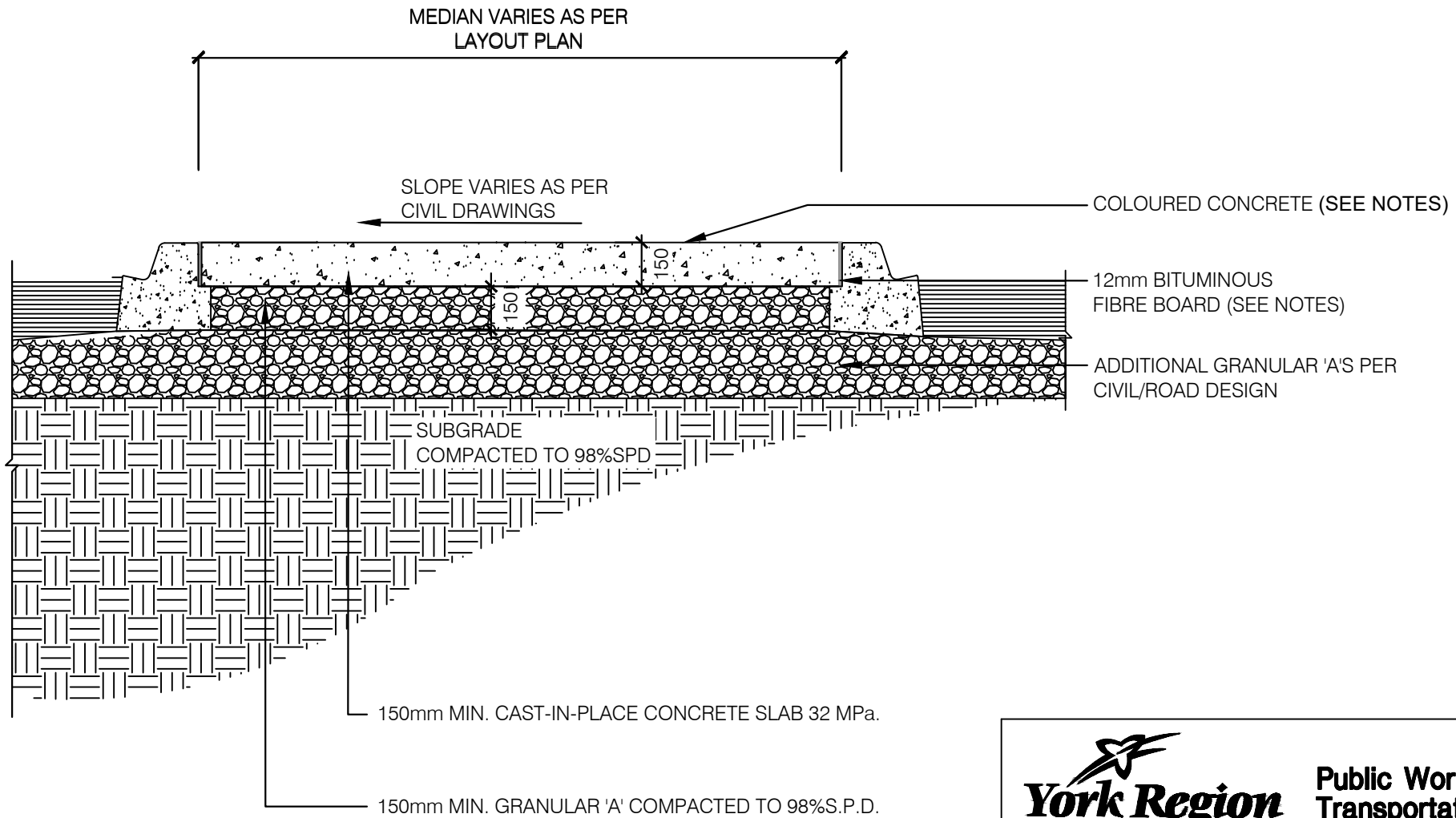
		<b>Public Works Transportation</b>
<b>IMPRESSED/STAMPED COLOURED CONCRETE MEDIAN OVER BRIDGE DECK</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	X	X
		SS-102C



**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

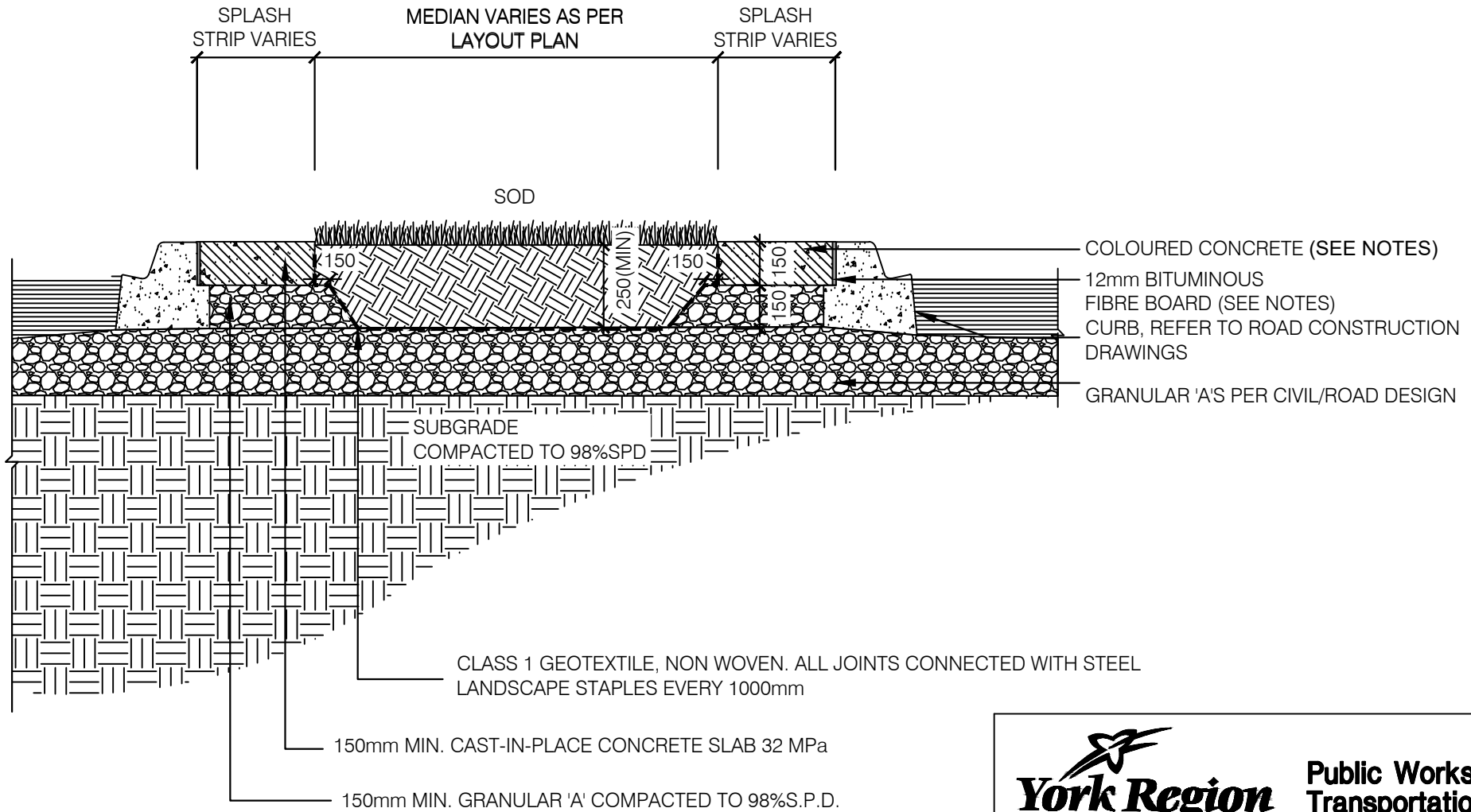
		<b>Public Works Transportation</b>
<b>UNIT PAVER MEDIAN ON GRANULAR BASE</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	X	X
		SS-103



**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.

		<b>Public Works Transportation</b>
<b>IMPRESSED/STAMPED COLOURED CONCRETE MEDIAN</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	x	x
		SS-104A



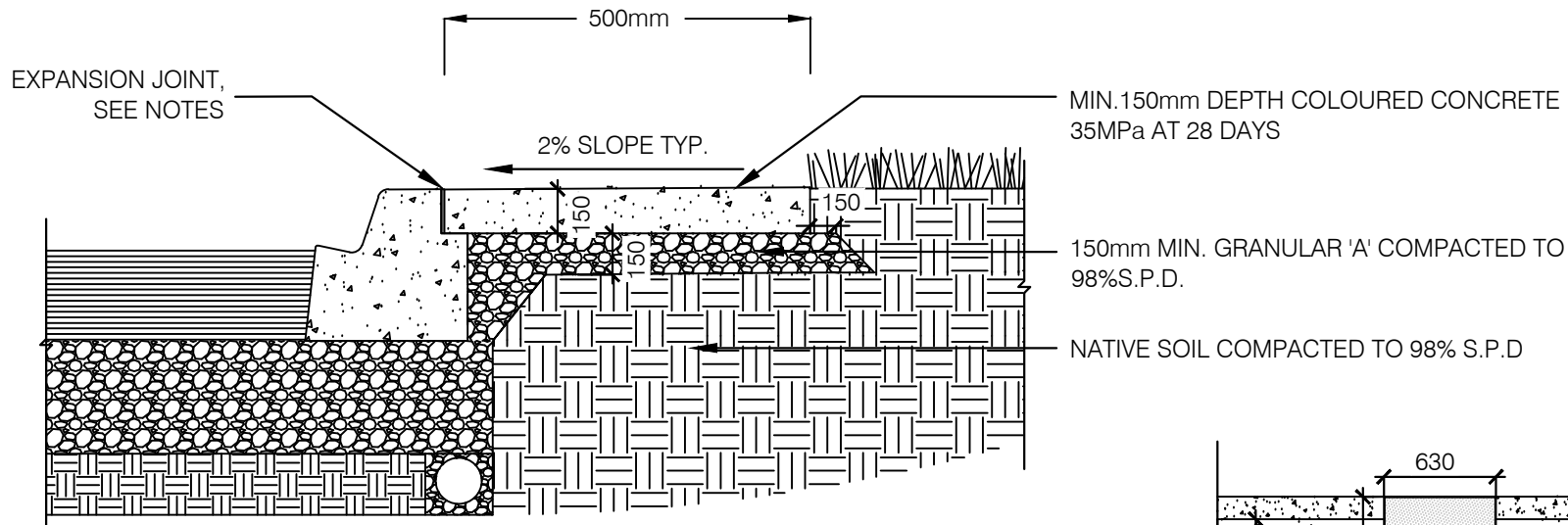
**NOTES:**

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.

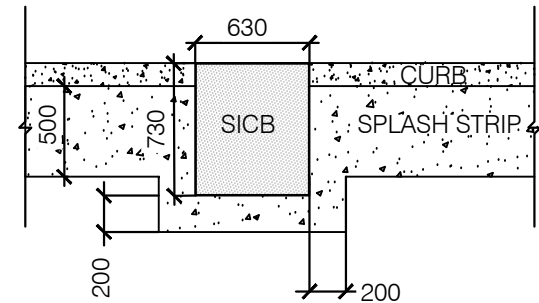
**York Region** Public Works  
Transportation

**SODDED MEDIAN WITH COLOURED  
CONCRETE SPLASH STRIPS**

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



SPLASH STRIP SECTION



PAVING AT SIDE INLET CATCH BASINS

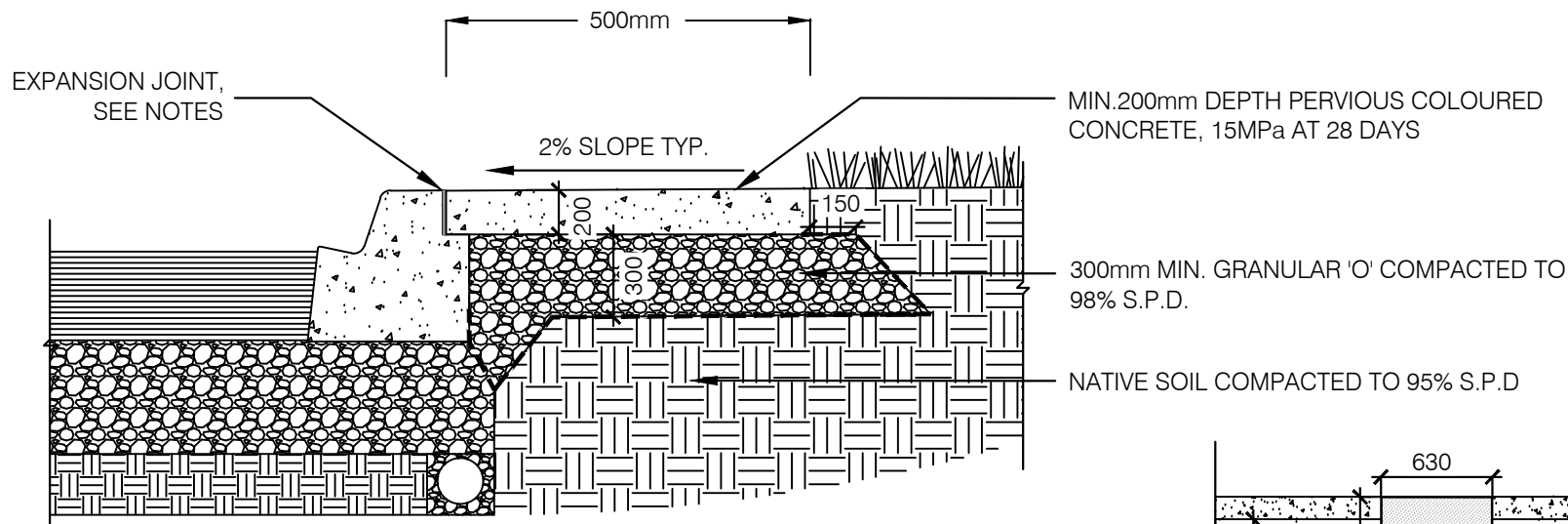
NOTES:

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.

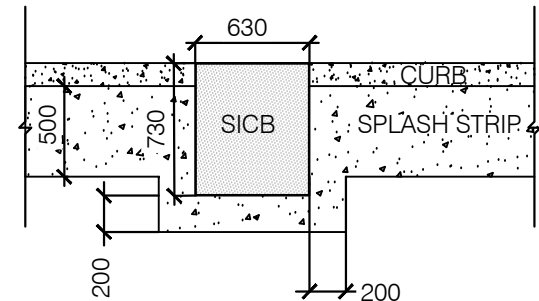


**COLOURED CONCRETE SPLASH STRIP FOR CONCRETE BARRIER CURB WITH STANDARD GUTTER BOULEVARDS**

DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	X	X	SS-105A



SPLASH STRIP SECTION



PAVING AT SIDE INLET CATCH BASINS

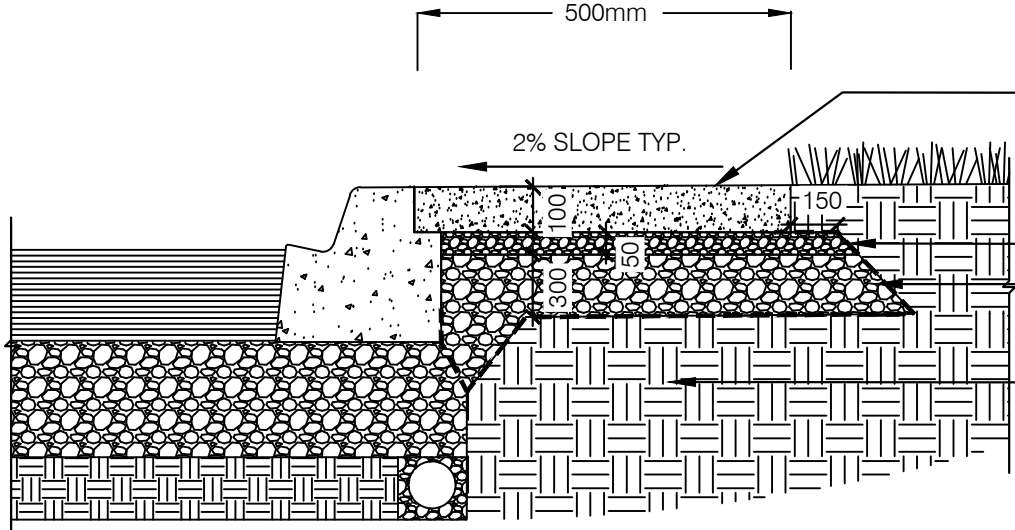
NOTES:

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



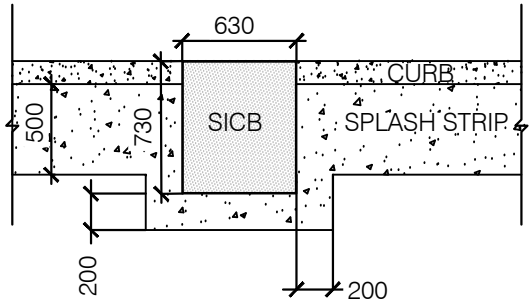
MIN.100mm DEPTH SURFACE COURSE  
POROUS ASPHALT

50mm NO. 8 STONE AS PER ASTM D448 FILTER COURSE

300mm MIN. GRANULAR 'O' COMPACTED TO  
98% S.P.D.RESERVOIR COURSE

NATIVE SOIL COMPACTED TO 95% S.P.D

SPLASH STRIP SECTION



PAVING AT SIDE INLET CATCH BASINS

NOTES:

- 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

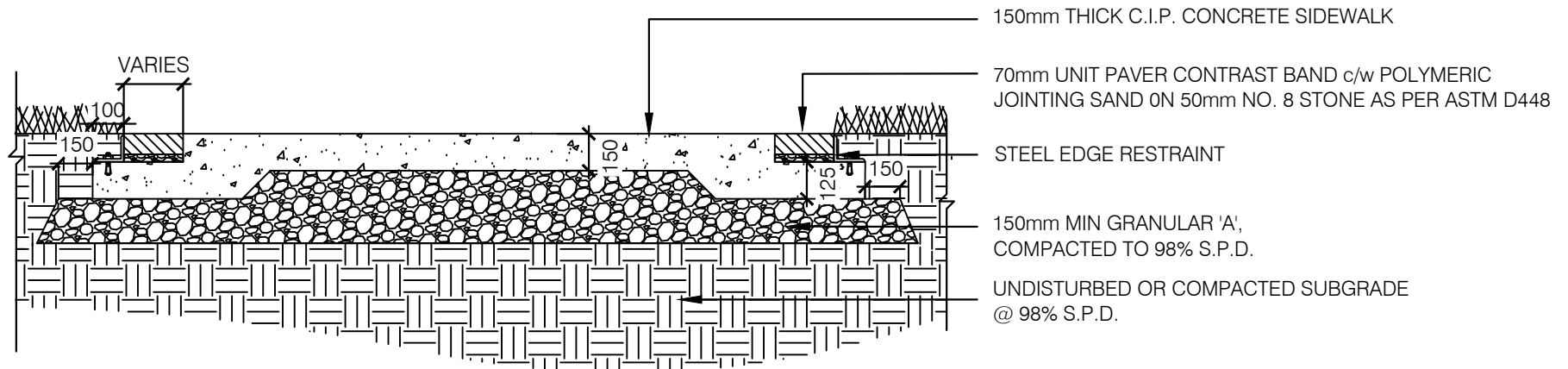


REFER TO  
CONSTRUCTION  
DRAWINGS

REFER TO  
CONSTRUCTION  
DRAWINGS

VARIES

1500 (MIN)



150mm THICK C.I.P. CONCRETE SIDEWALK

70mm UNIT PAVER CONTRAST BAND c/w POLYMERIC  
JOINTING SAND ON 50mm NO. 8 STONE AS PER ASTM D448

STEEL EDGE RESTRAINT

150mm MIN GRANULAR 'A',  
COMPACTED TO 98% S.P.D.

UNDISTURBED OR COMPACTED SUBGRADE  
@ 98% S.P.D.

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.



**Public Works  
Transportation**

**CONCRETE SIDEWALK WITH INLAID  
UNIT PAVER SOLIDER COURSE**

DATE: JANUARY 2023

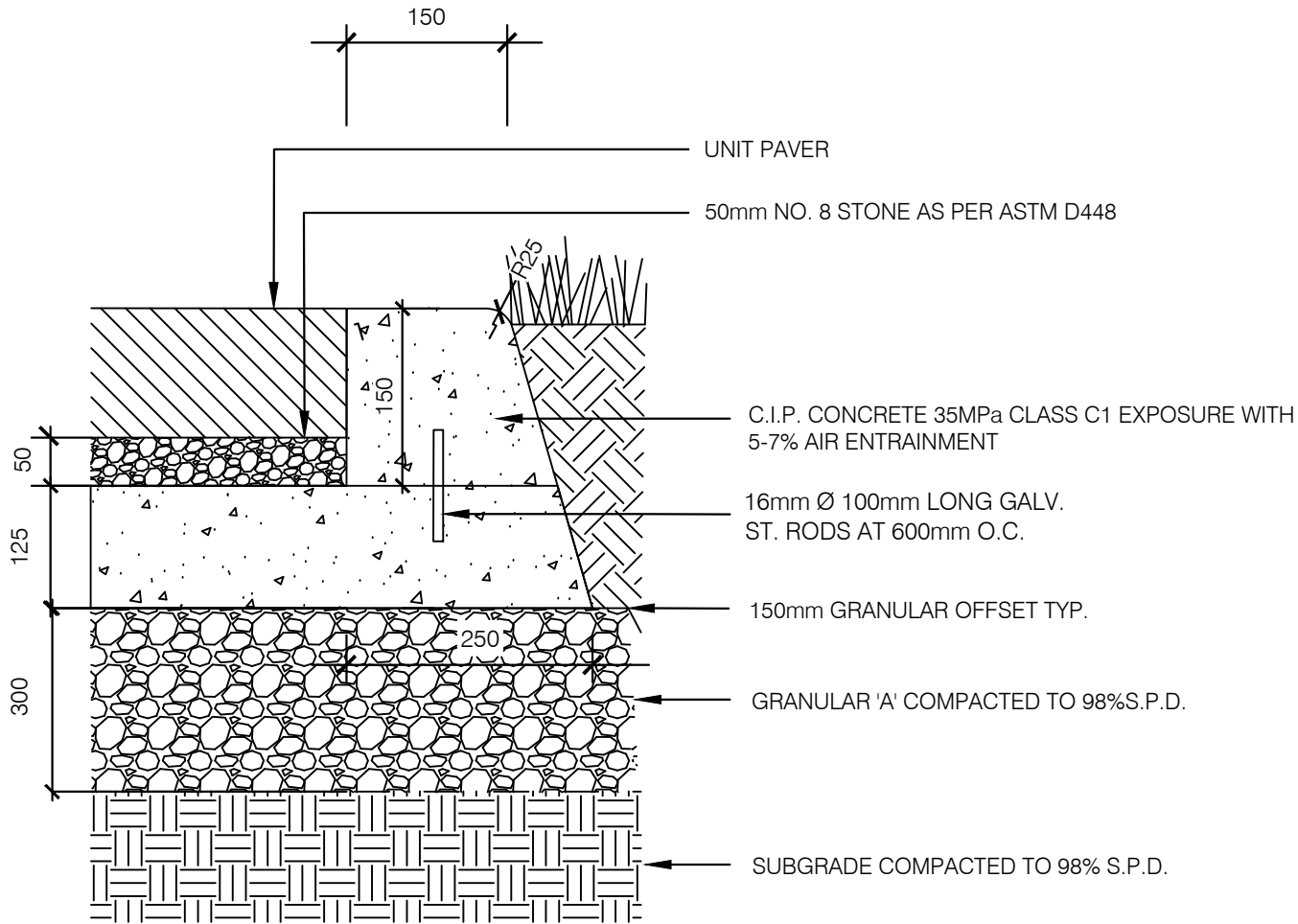
SCALE N.T.S.

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

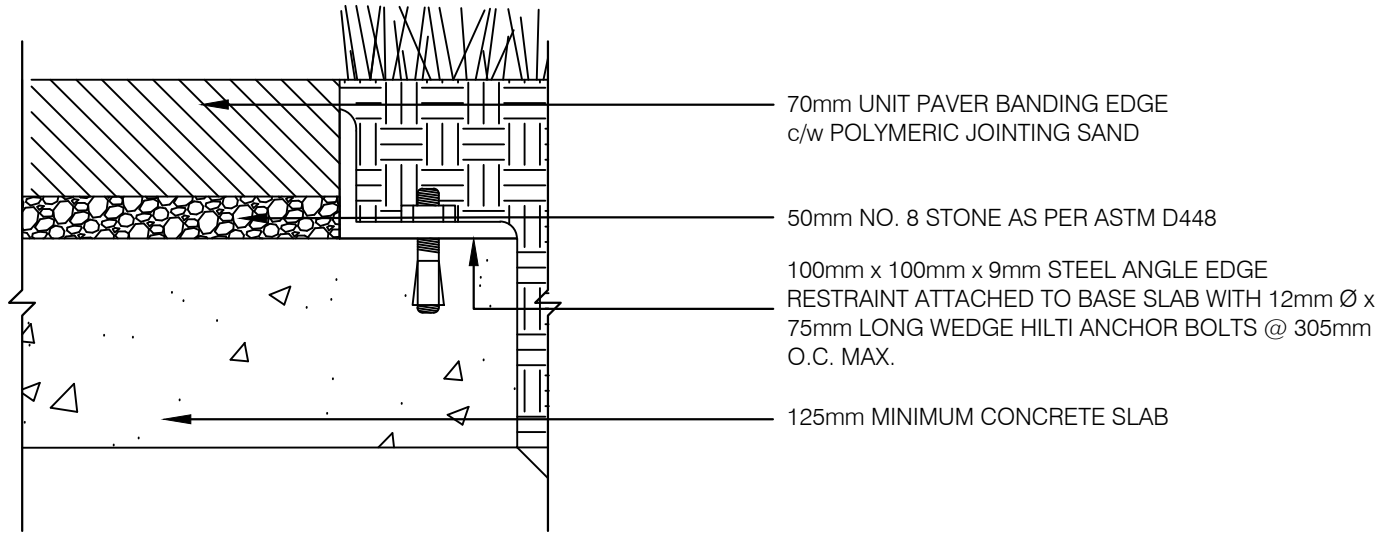
SCALE N.T.S.

REV.

X

X

SS-107



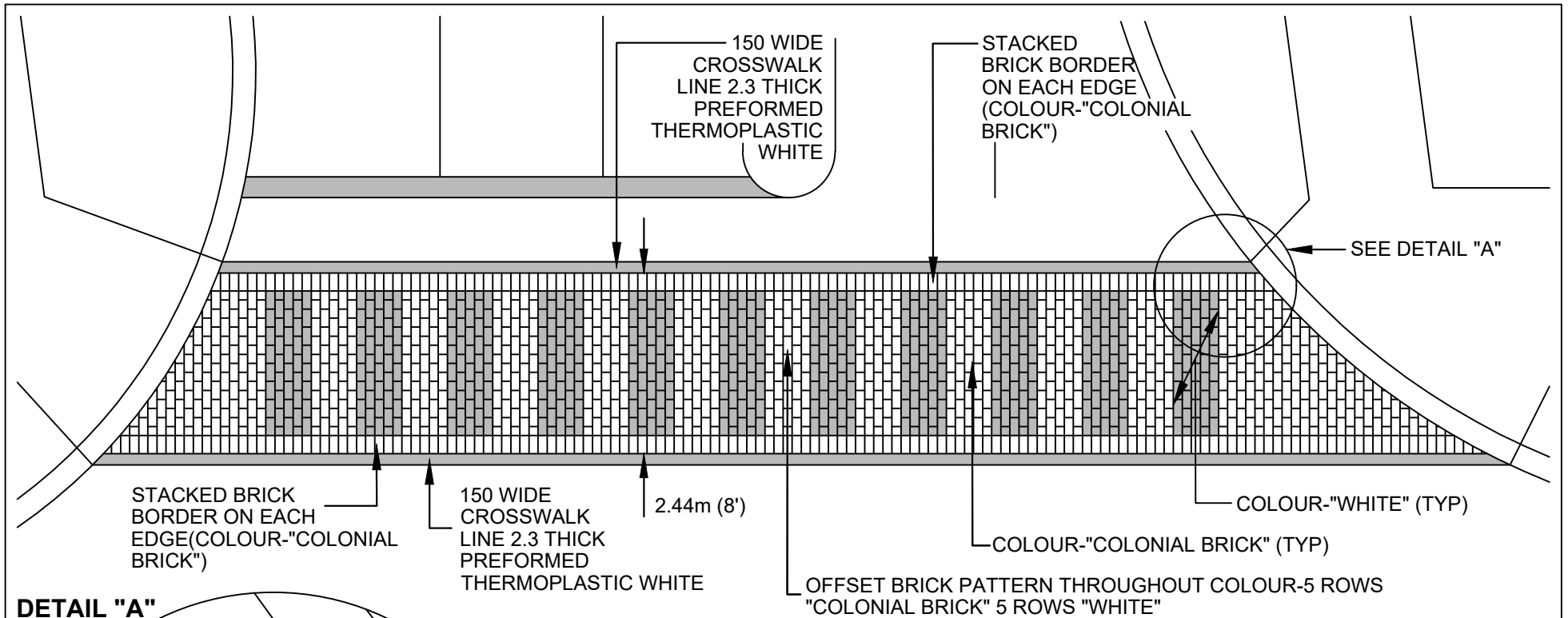
**NOTES:**

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

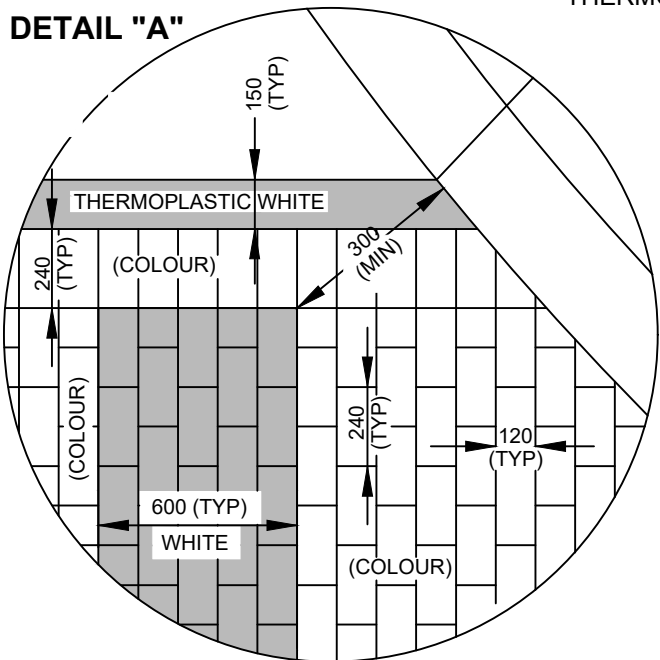


**STEEL EDGE RESTRAINT FOR UNIT  
PAVERS**

DATE:	JANUARY 2023		SCALE	N.T.S.
REV.	x	x	SS-108	




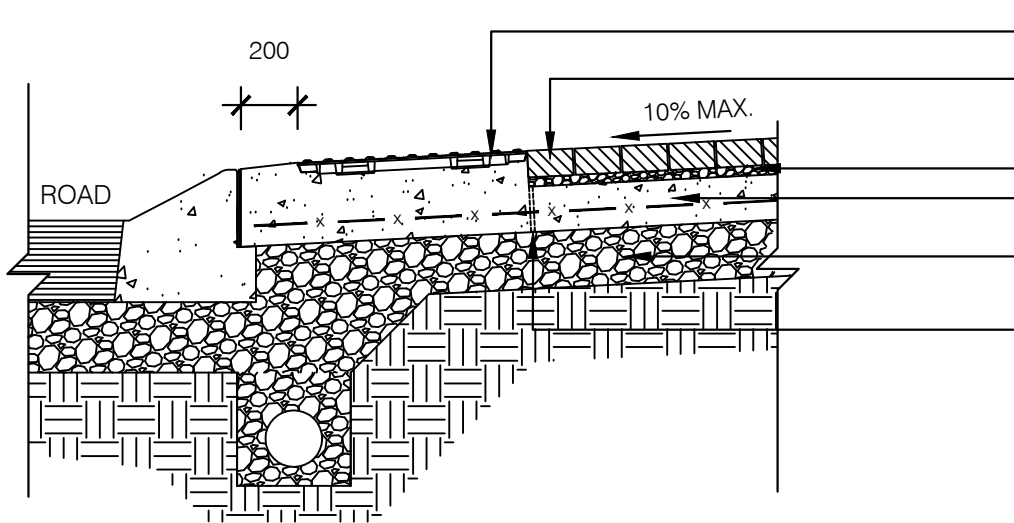
**DETAIL "A"**



**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.


		<b>Public Works Transportation</b>
<b>TYPICAL ZEBRA PAVEMENT MARKING DETAIL AT SIGNALIZED INTERSECTIONS USING "TRAFFICPATTERNSXD"</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	X X	SS-109

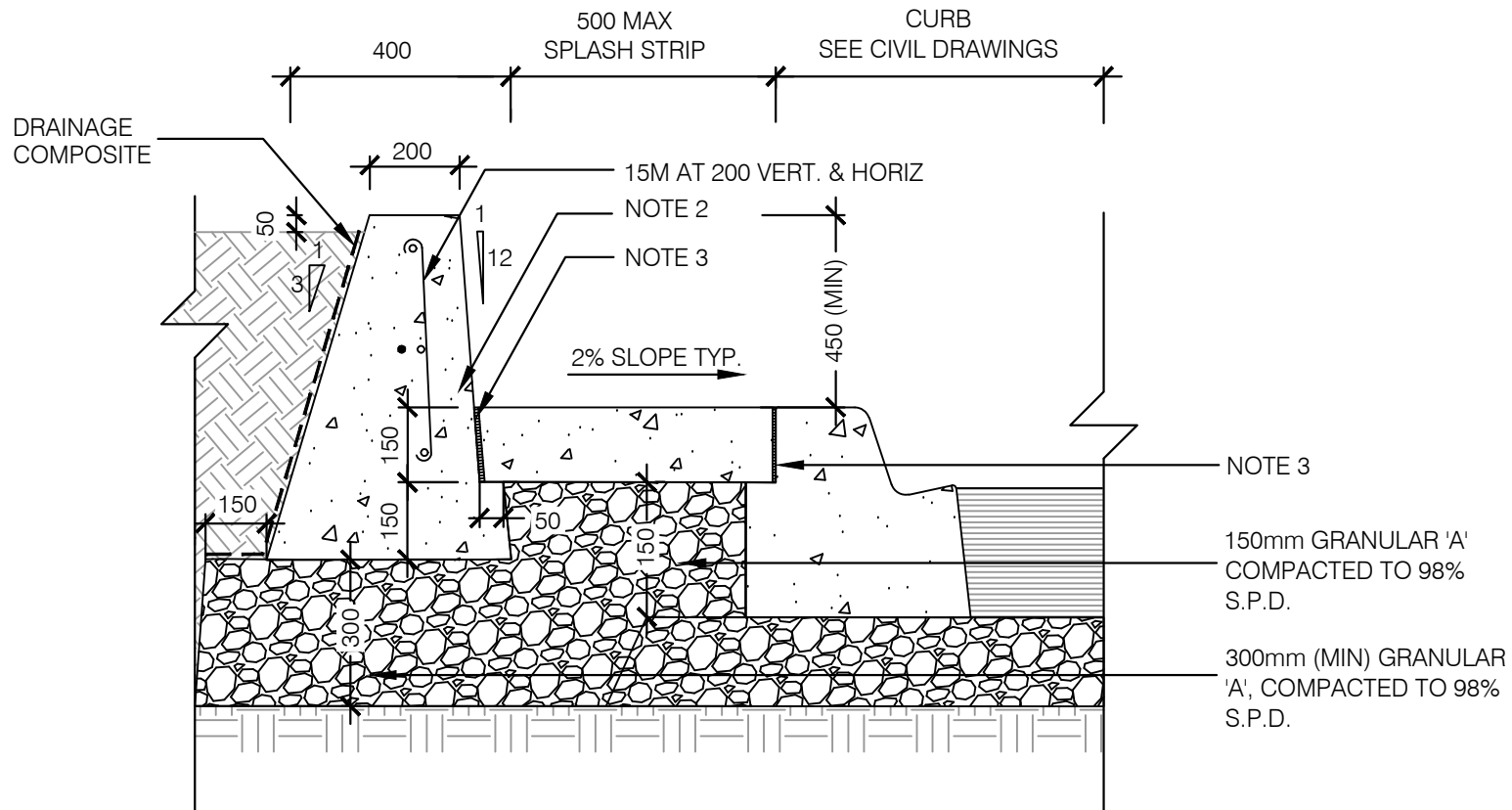


- TACTILE WALKING SURFACE INDICATOR, SEE STANDARD DRAWING E-6.07
- 70mm UNIT PAVERS WITH POLYMERIC JOINTING SAND
- 50mm HPB
- 125mm C.I.P. REINFORCED / WWM CONCRETE SLAB
- 150mm MIN DEPTH GRANULAR A, COMPACTED TO 98% S.P.D.
- 50mm Ø WEEP HOLE FILLED WITH HIGH PERFORMANCE BEDDING

**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.

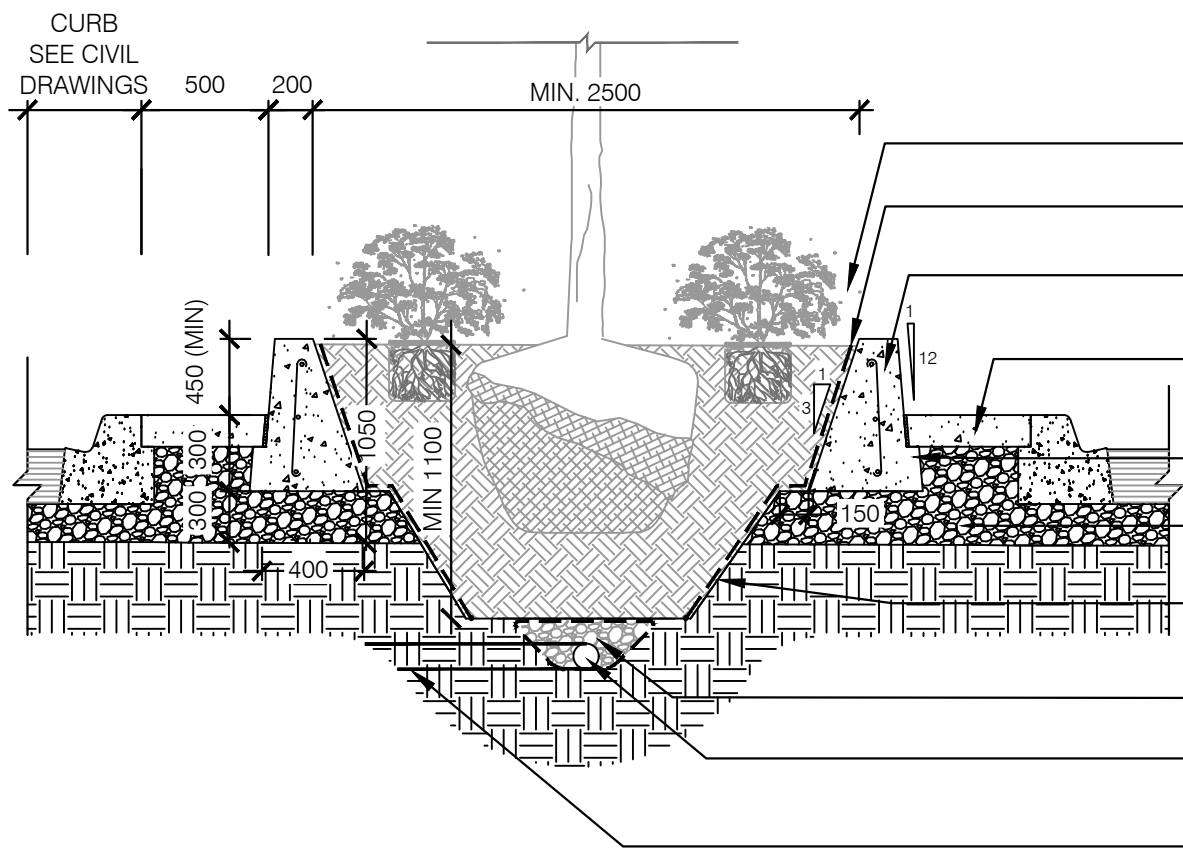
		<b>Public Works Transportation</b>
<b>UNIT PAVERS AT CURB RAMPS</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	x	x
		SS-110



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


		<b>Public Works Transportation</b>
<b>CAST-IN-PLACE MEDIAN PLANTER I</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	x      x	SS-200A



- PLANTING SOIL MIX AS SPECIFIED, FINISHED GRADE OF TOPSOIL 50mm BELOW TOP OF WALL
- DRAINAGE COMPOSITE
- C.I.P. RAISED PLANTER WALL EXPOSED SURFACES TO BE A SMOOTH LIGHT SAND BLAST FINISH
- COLOURED CONCRETE
- 50mm KEY
- 150mm MIN DEPTH GRANULAR 'A', COMPACTED TO 98% S.P.D.
- CLASS 1 GEOTEXTILE, NON WOVEN. ALL JOINTS CONNECTED WITH STEEL STAPLES EVERY 1000mm
- 500mm X 300mm DEPTH 19mm CRUSHED CLEAR STONE
- 150mm Ø PERFORATED WEEPING TILE, c/w FILTER SOCK
- NON-PERFORATED 150mm PVC SUBDRAIN CONNECT TO C.B., M.H. OR SUMP AT LOW END OF MEDIAN.

NOTES:

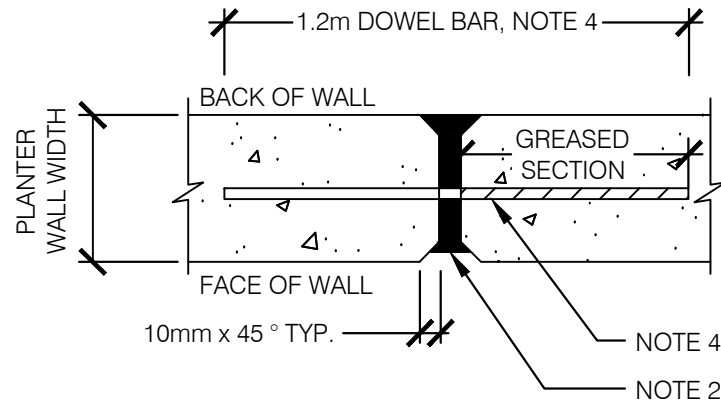
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. CONCRETE FOR PLANTER WALLS SHALL BE 35MPa 5-7% AIR ENTRAINED AT 28 DAYS , EXPOSURE CLASS C-1
3. 10mm PERFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED POLYSULFIDE SEALANT FOR ALL EXPANSION JOINTS.
4. ALL EXPOSED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



**Public Works  
Transportation**

**CAST-IN-PLACE MEDIAN  
PLANTER LAYOUT I**

DATE:	JANUARY 2023	SCALE N.T.S.
REV.	x      x	SS-200B



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

NOTES:

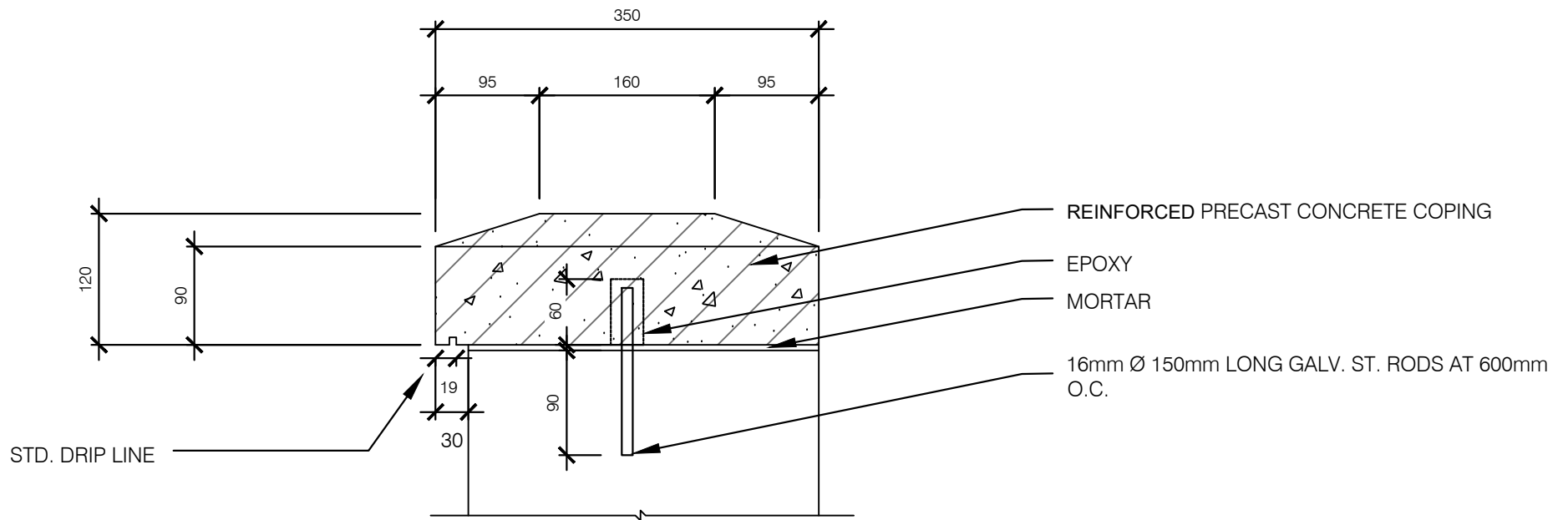
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. 10mm PREFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED WITH POLYSULFIDE SEALANT ON ALL FACE, TOP AND BACK OF WALLS AND JOINTS 20 mm WIDE.
3. 32mm DIA. STEEL DOWEL BAR.
4. EXPANSION AND CONTROL JOINTS SHALL 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





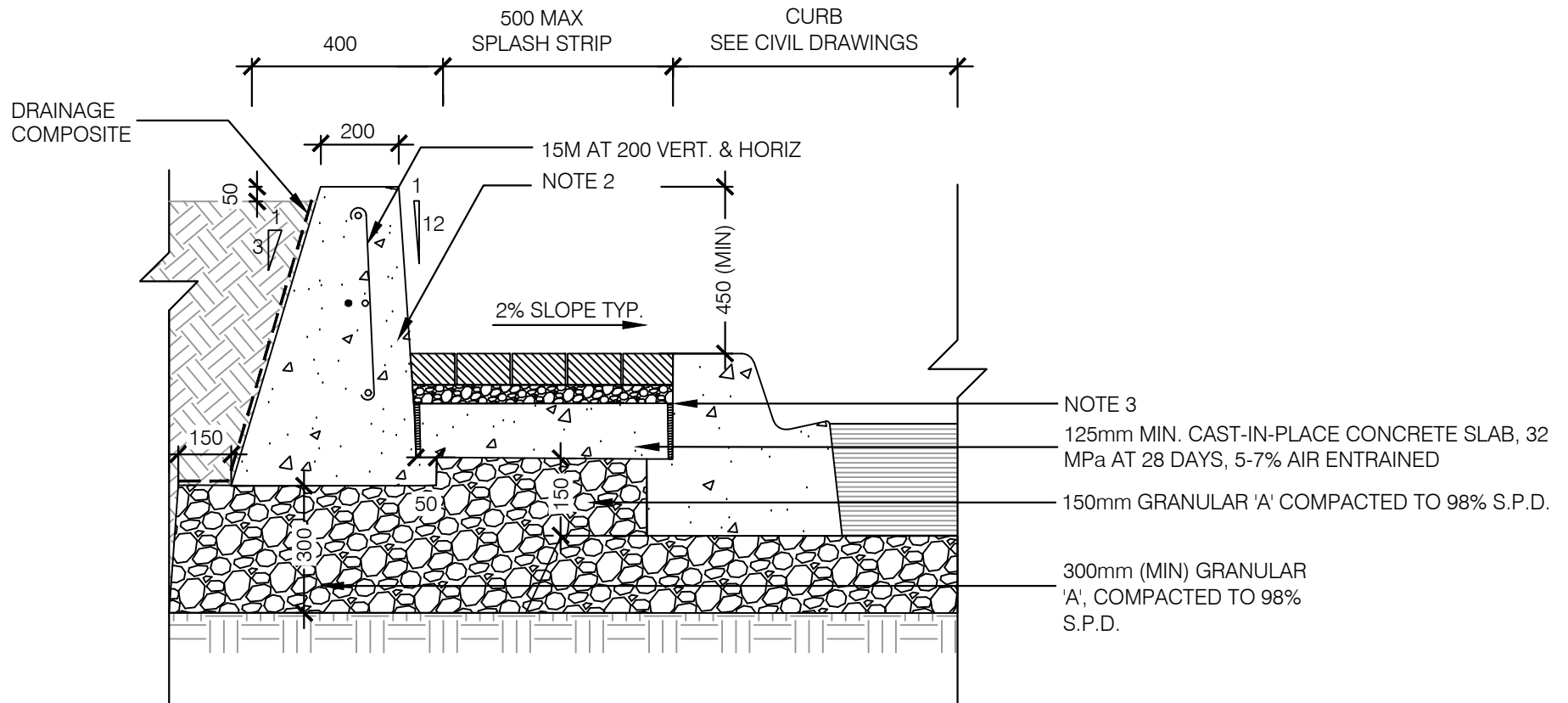
NOTES:

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

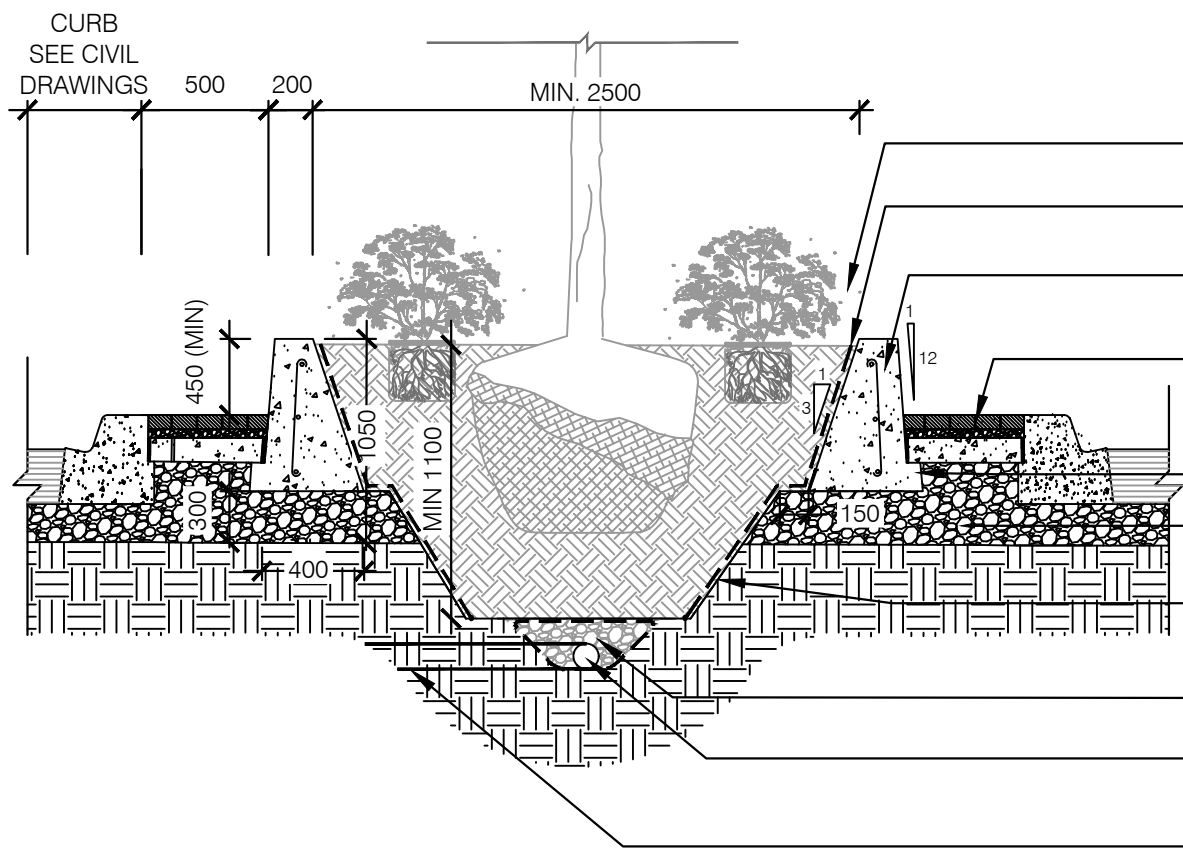
DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	X	X	SS-200D



**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

		<b>Public Works Transportation</b>
<b>CAST-IN-PLACE MEDIAN PLANTER I</b>		
DATE:	JANUARY 2023	SCALE N.T.S.
REV.	x      x	SS-200E



- PLANTING SOIL MIX AS SPECIFIED, FINISHED GRADE OF TOPSOIL 50mm BELOW TOP OF WALL
- DRAINAGE COMPOSITE
- C.I.P. RAISED PLANTER WALL EXPOSED SURFACES TO BE A SMOOTH LIGHT SAND BLAST FINISH
- UNIT PAVERS
- 50mm KEY
- 150mm MIN DEPTH GRANULAR 'A', COMPACTED TO 98% S.P.D.
- CLASS 1 GEOTEXTILE, NON WOVEN. ALL JOINTS CONNECTED WITH STEEL STAPLES EVERY 1000mm
- 500mm X 300mm DEPTH 19mm CRUSHED CLEAR STONE
- 150mm Ø PERFORATED WEEPING TILE, c/w FILTER SOCK
- NON-PERFORATED 150mm PVC SUBDRAIN CONNECT TO C.B., M.H. OR SUMP AT LOW END OF MEDIAN.

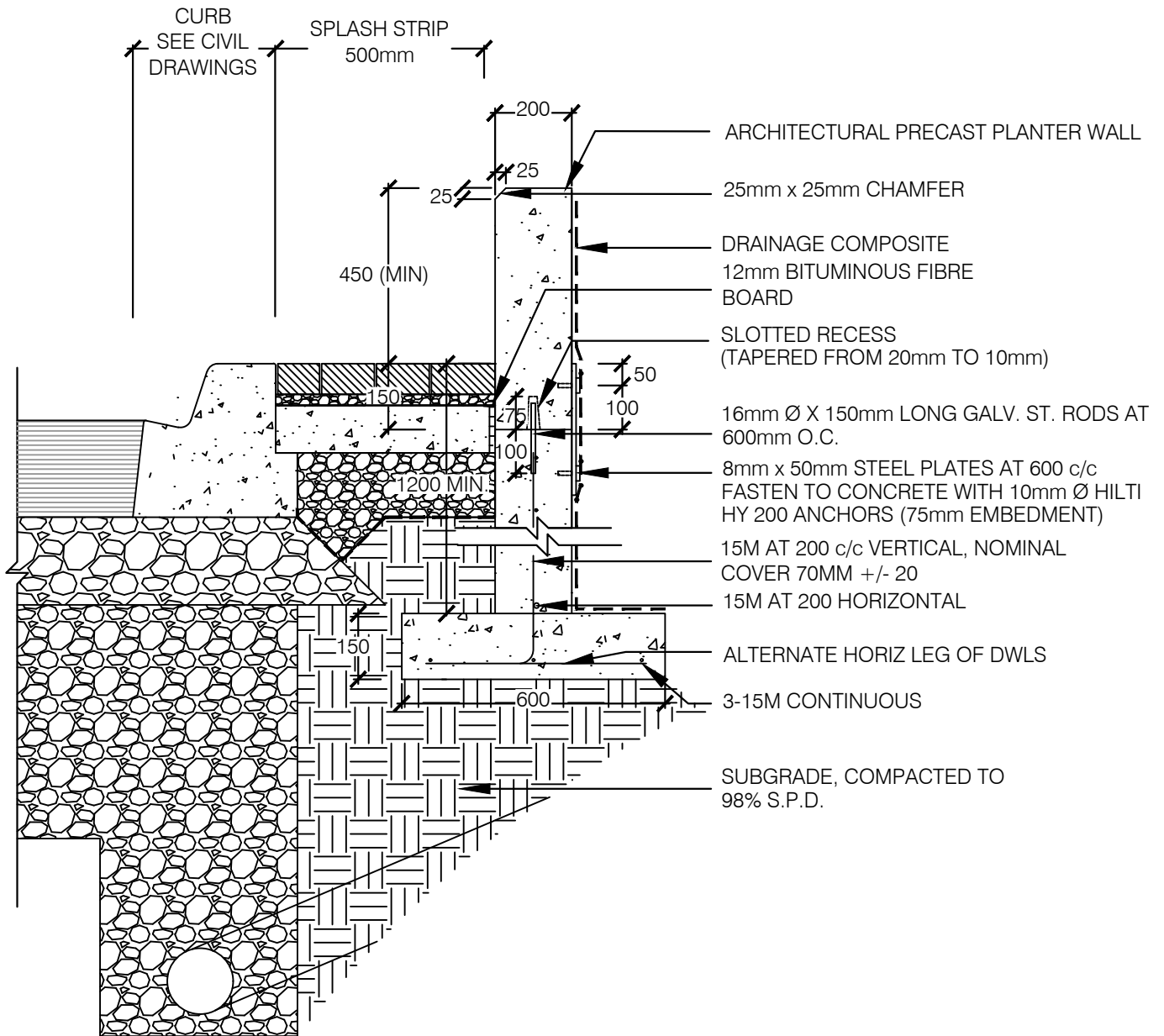
NOTES:

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 PERFORMED JOINT FILLER, TYPE A, NON-EXTRUDING AND RESILIENT BITUMINOUS COLOUR MATCHED POLYSULFIDE SEALANT FOR ALL EXPANSION JOINTS.
4. ALL EXPOSED CONCRETE SURFACES TO BE A SMOOTH FINISH.
6. CONNECT SUBDRAIN TO POSITIVE DRAINAGE I.E. STORM, CATCH BASIN MANHOLE EVERY PLANTER.


**Public Works  
Transportation**

**CAST-IN-PLACE MEDIAN  
PLANTER LAYOUT I**

DATE:	JANUARY 2023	SCALE	N.T.S.
REV.	x	x	SS-200F



**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.



**Public Works  
Transportation**

**PRE-CAST ARCHITECTURAL  
BOULEVARD PLANTER**

DATE: JANUARY 2023

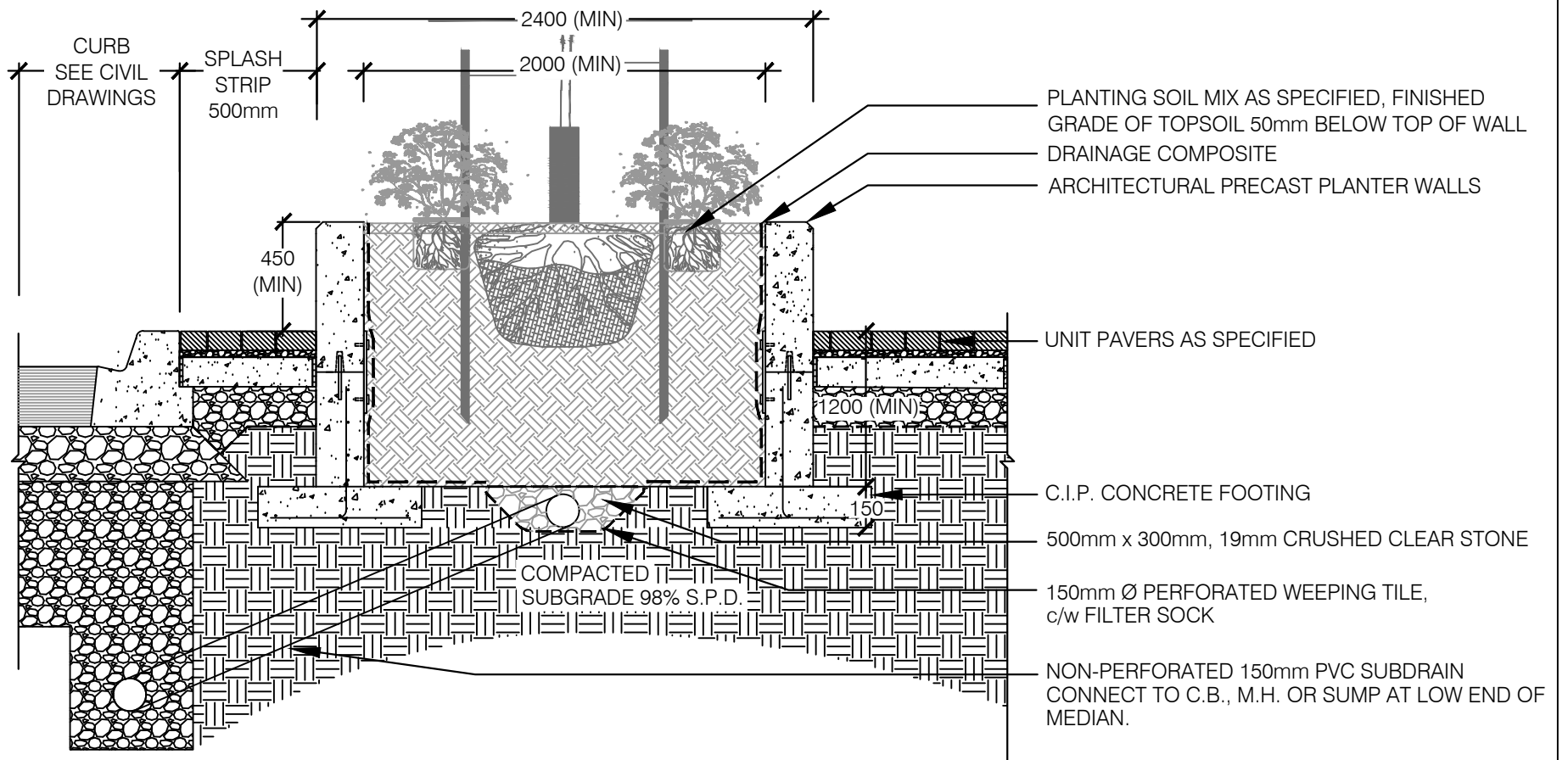
SCALE N.T.S.

REV.

X

X

SS-201A



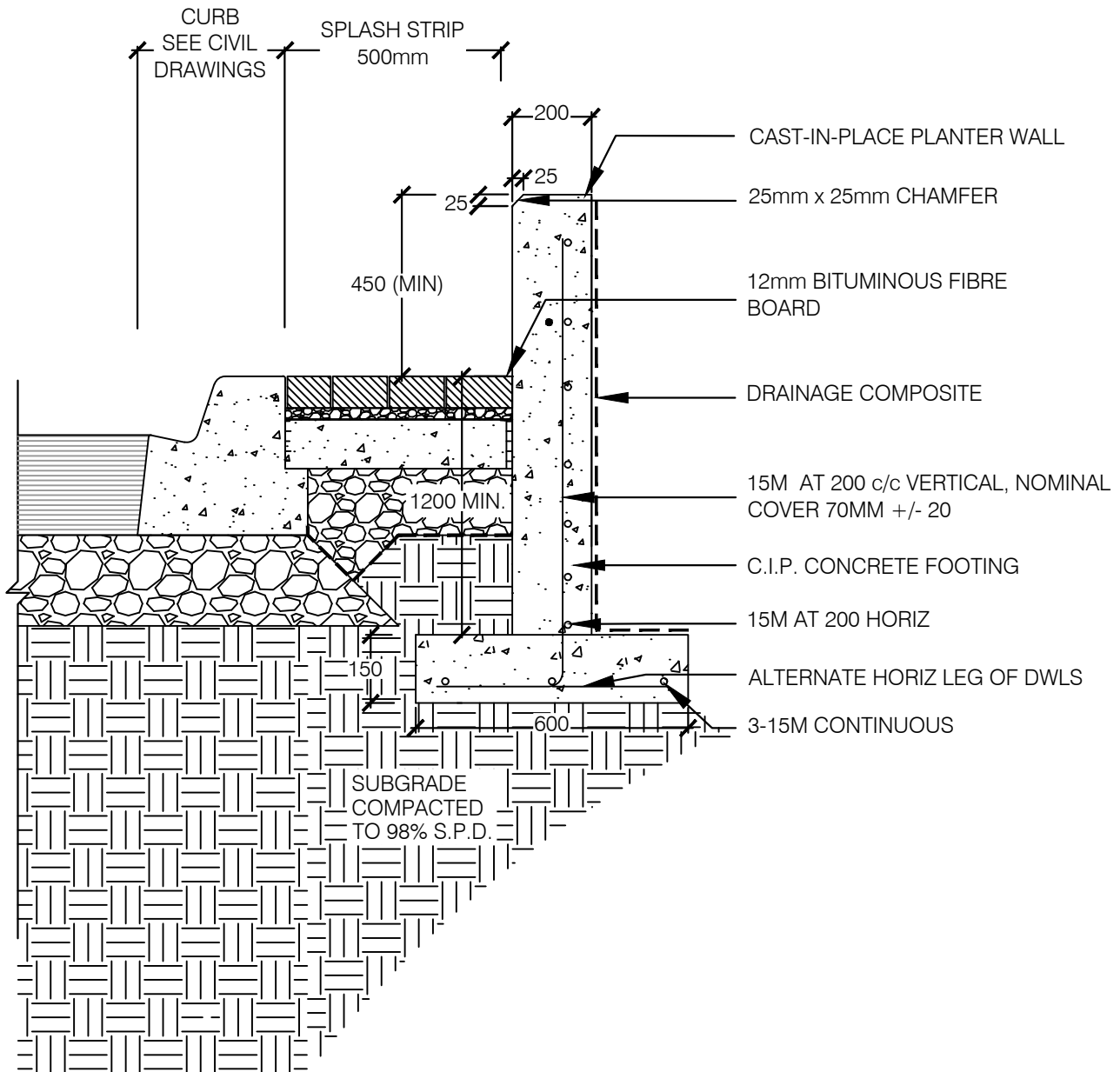
NOTES:

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 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.
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.



**Public Works  
Transportation**

**CAST-IN-PLACE  
MEDIAN PLANTER II**

DATE: JANUARY 2023

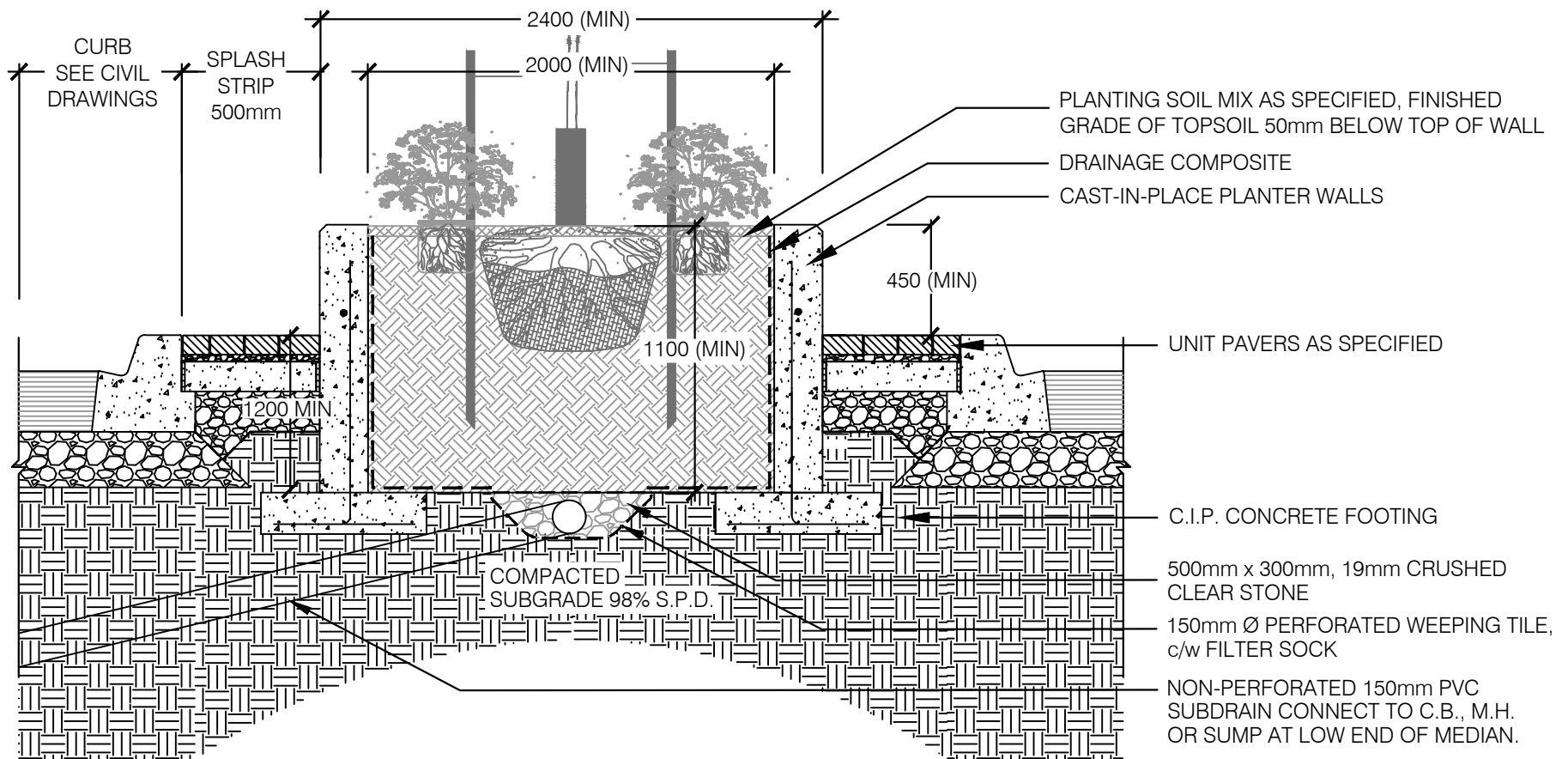
SCALE N.T.S.

REV.

X

X

SS-202A



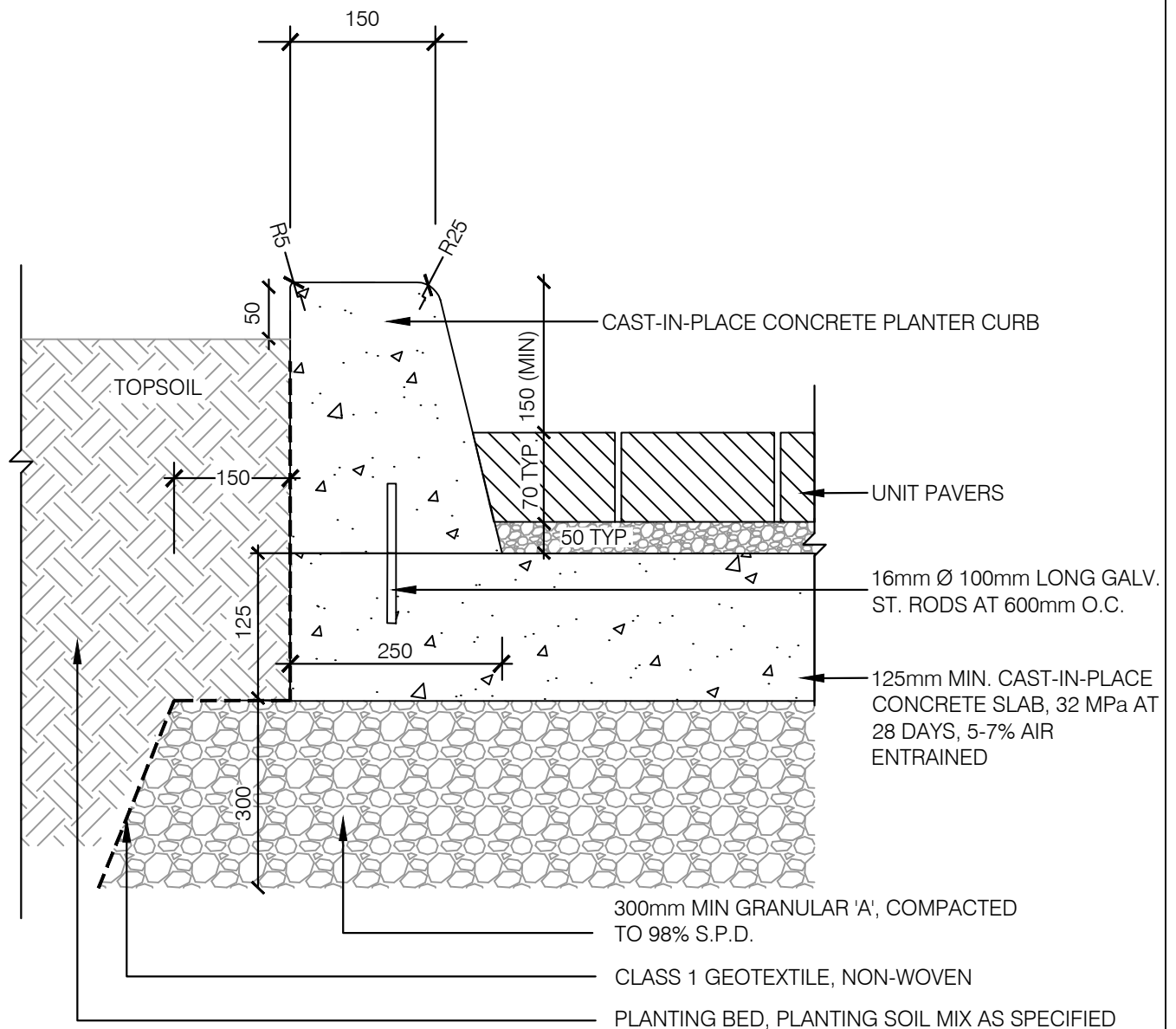
**NOTES:**

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



**NOTES:**

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



**Public Works  
Transportation**

**CAST-IN-PLACE  
CONCRETE PLANTER CURB**

DATE: JANUARY 2023

SCALE N.T.S.

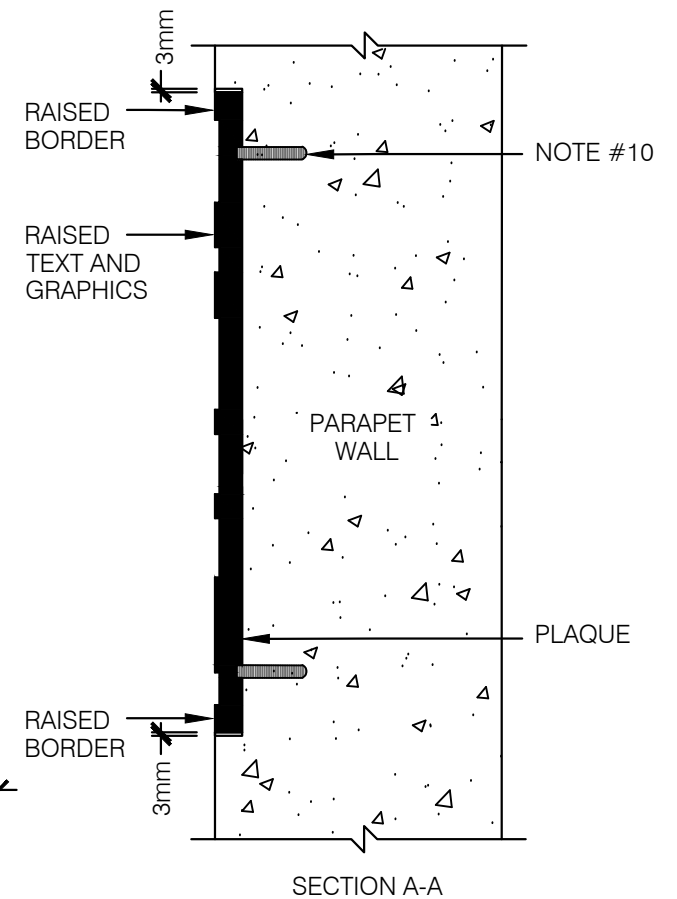
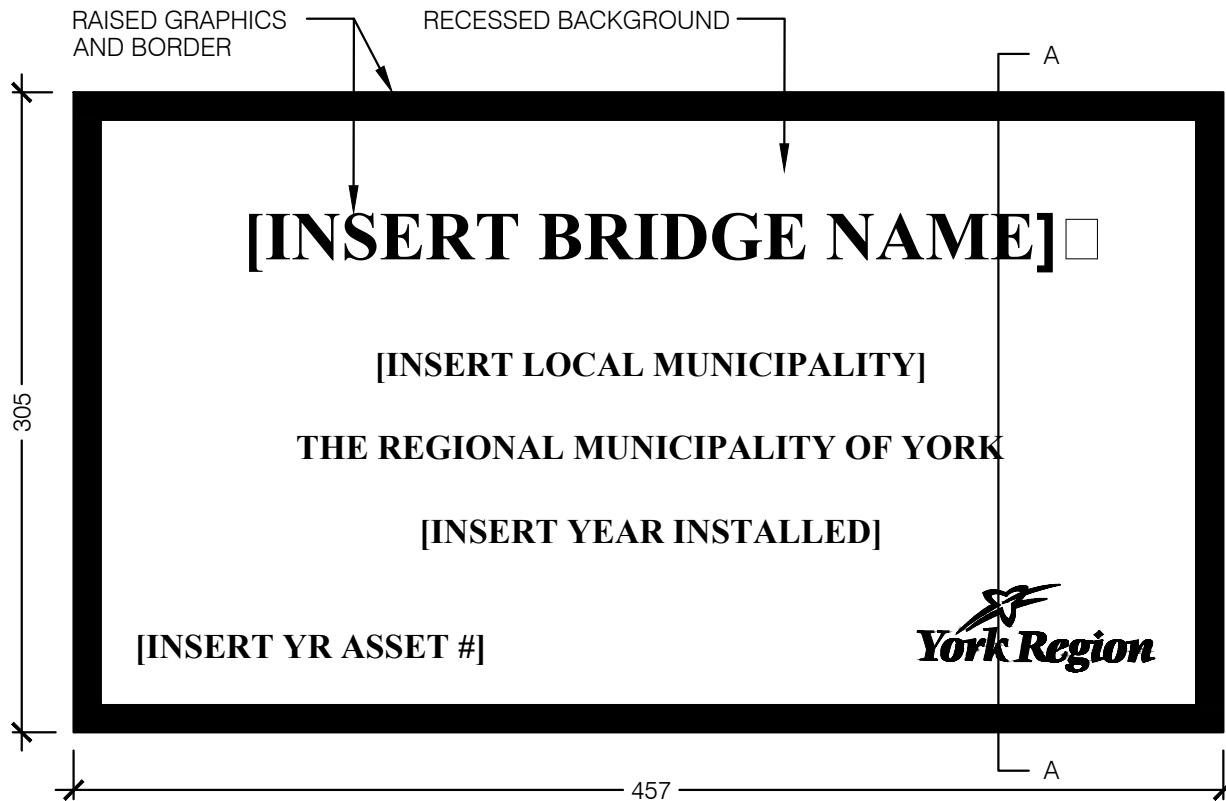
REV.

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SS-203





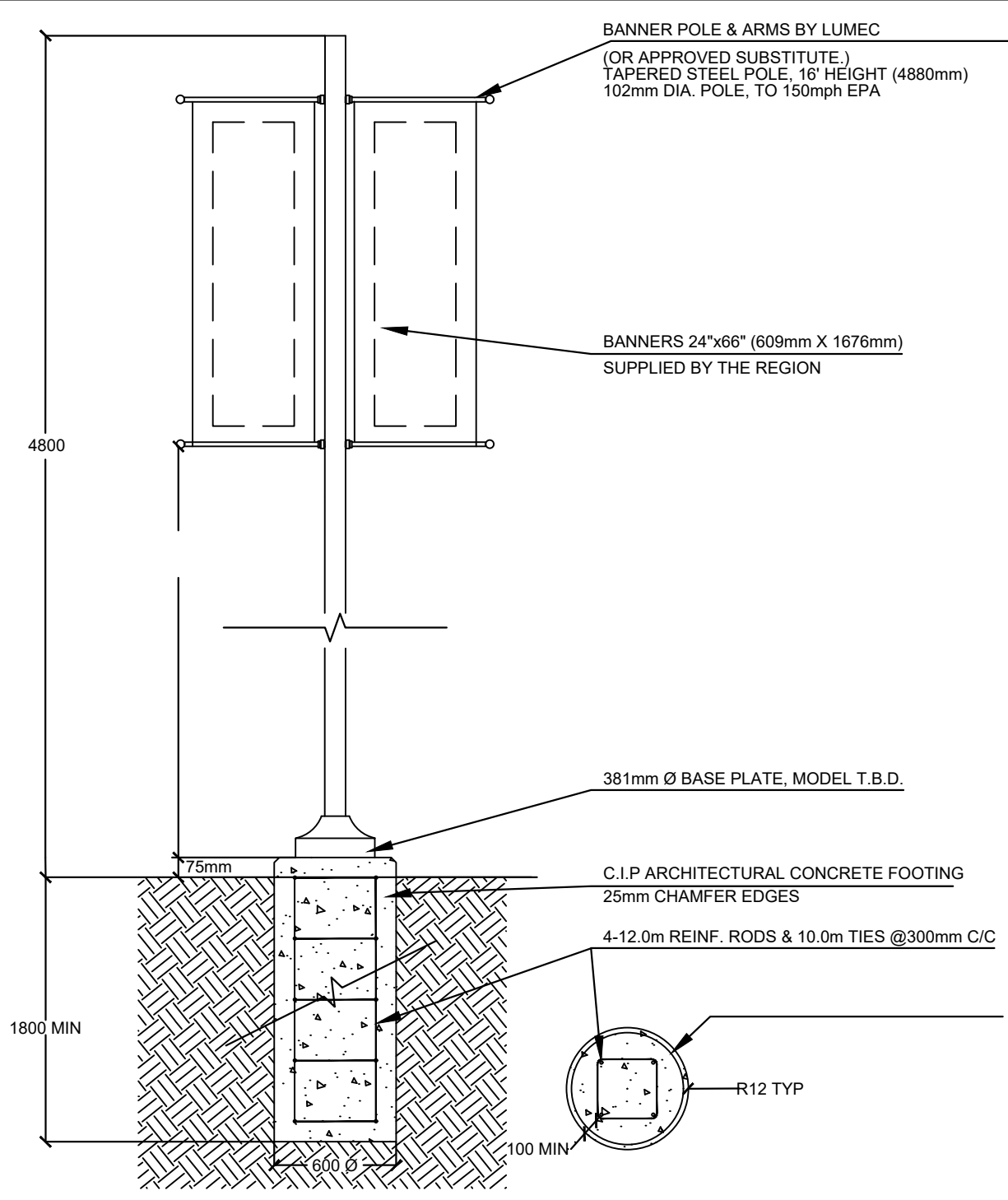
**NOTES:**

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



**BRIDGE PLAQUE**

DATE:		JANUARY 2023		SCALE		N.T.S.	
REV.		X		X	SS-300		



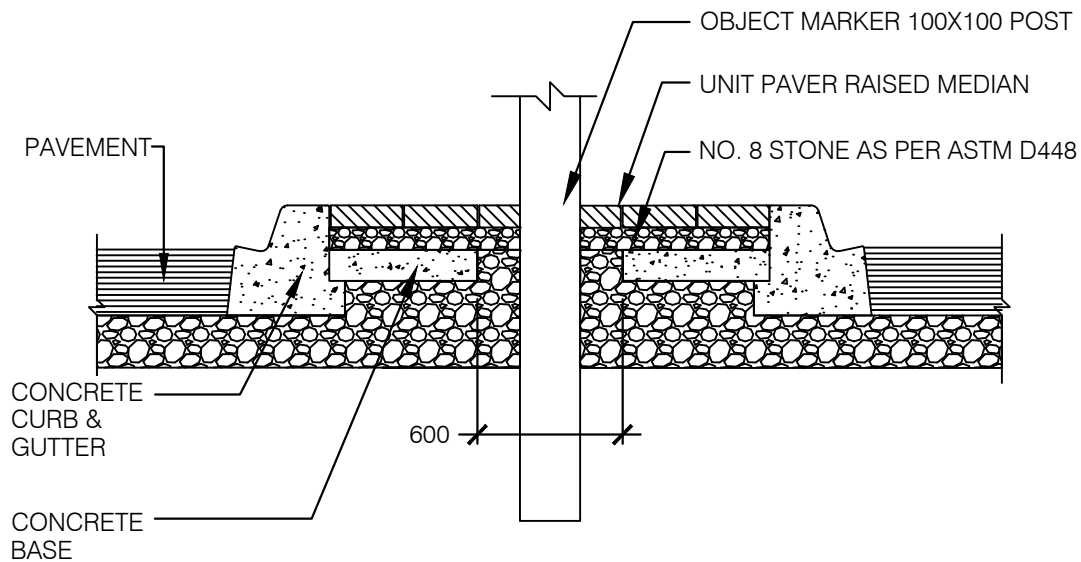
NOTES:

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.



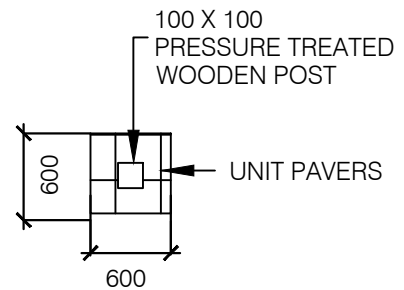
**BANNER POLE ON CONCRETE BASE**

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.



**Public Works  
Transportation**

**UNIT PAVERS IN MEDIAN ISLANDS  
ADJACENT OBJECT MARKERS/POSTS**

DATE: JANUARY 2023

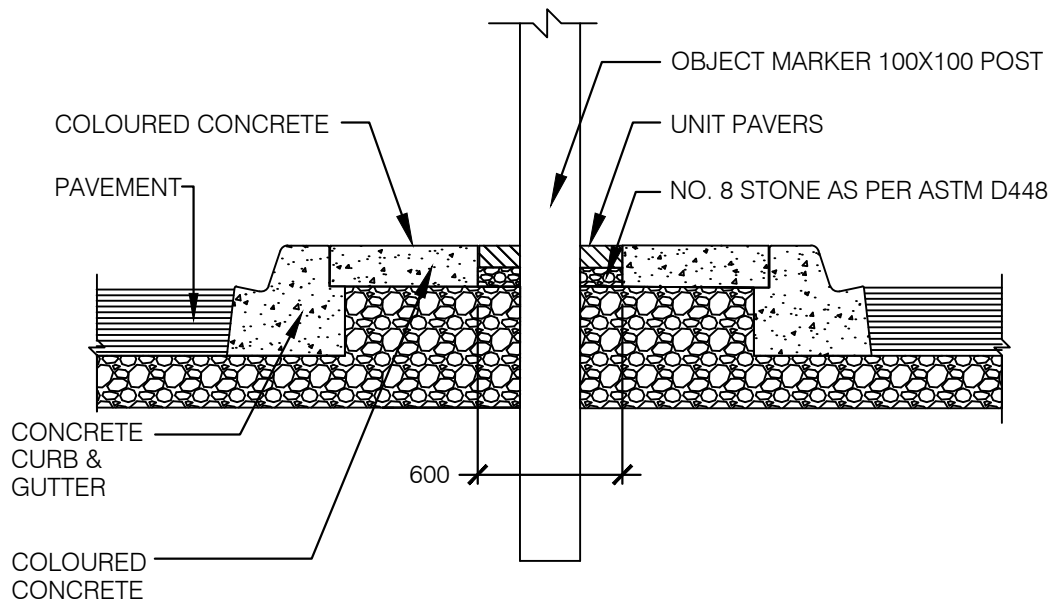
SCALE N.T.S.

REV.

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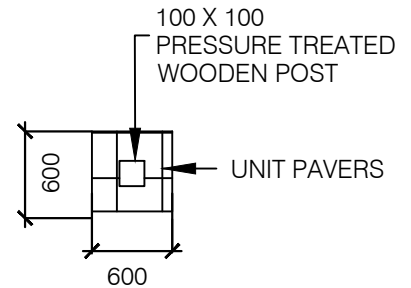
X

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 MEDIANS 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.



**Public Works  
Transportation**

COLOURED CONCRETE IN MEDIAN ISLANDS  
ADJACENT OBJECT MARKERS/POSTS

DATE: JANUARY 2023

SCALE N.T.S.

REV.

x

x

SS-302B