



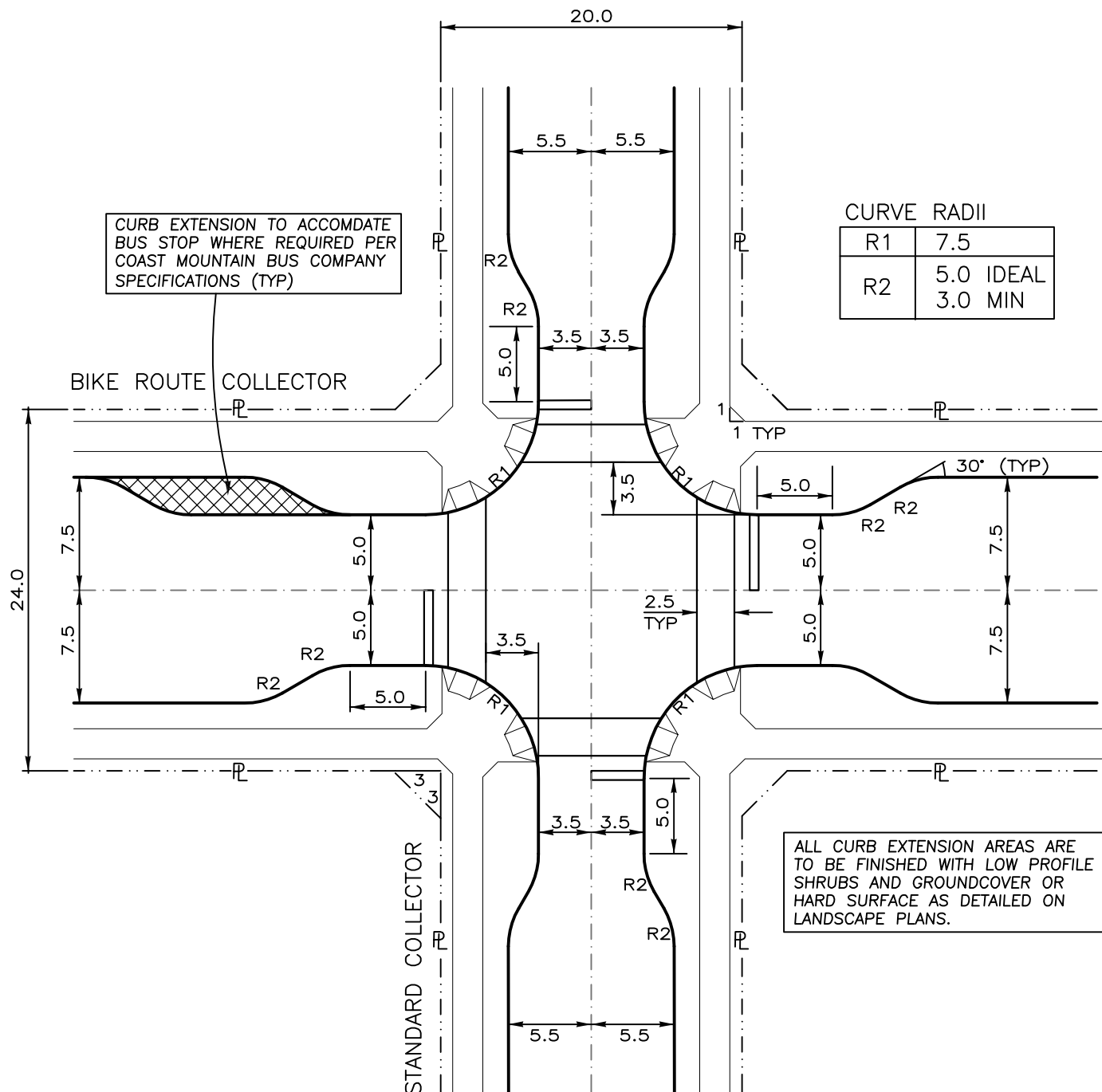
City of Port Moody

Schedule E

Specifications and

Standard Drawings

Engineering Division, Updated January 2019



NOTE: All dimensions in metres



DESIGNED BY: J.M.

SCALE: 1:400


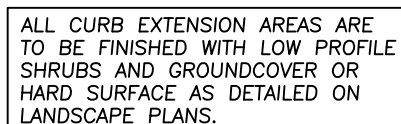
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

BIKE ROUTE COLLECTOR INTERSECTION

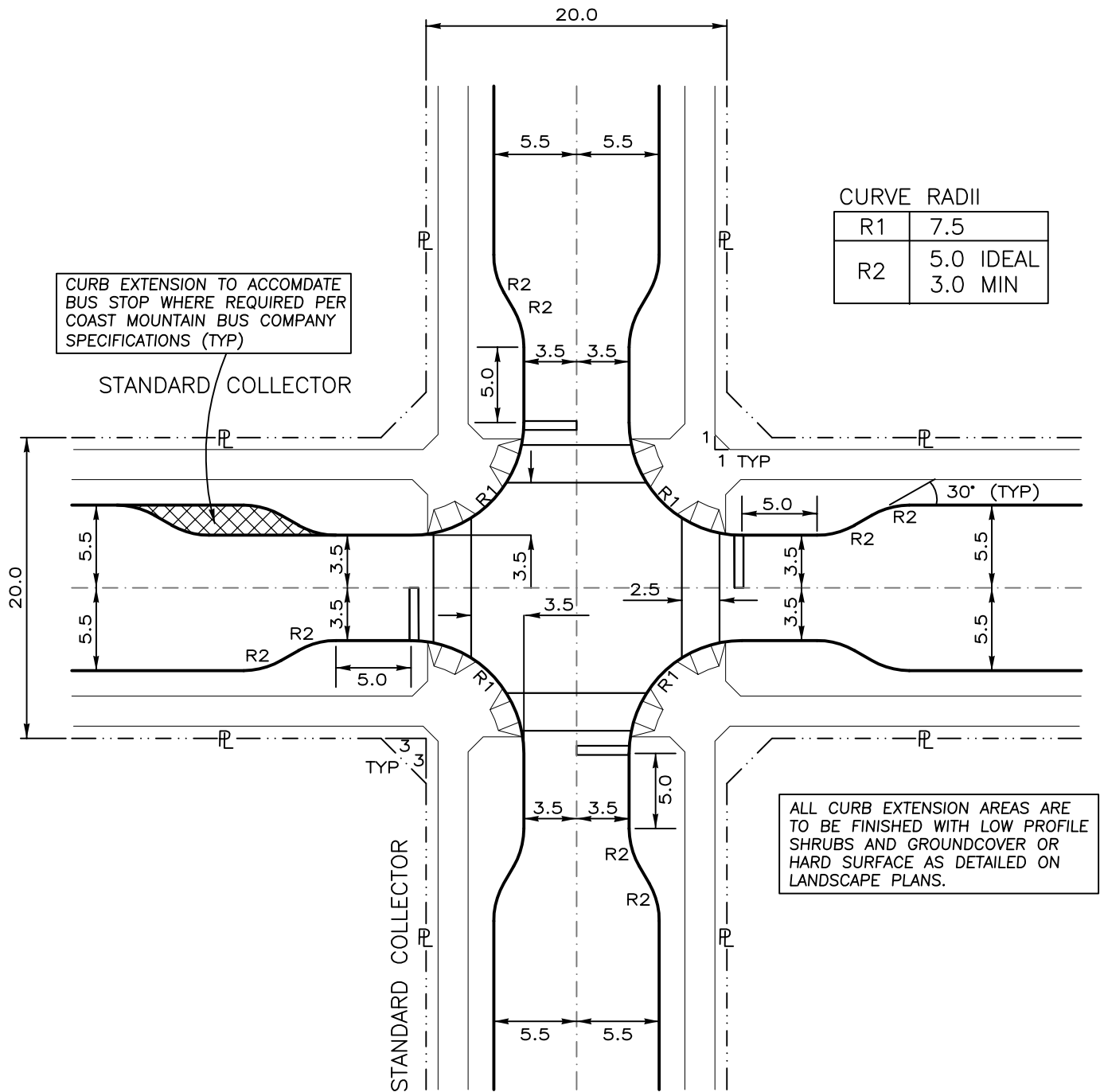
DRAWING
NO.

RD-1



PORT MOODY
City of the Arts

RD-2



NOTE: All dimensions in metres



DESIGNED BY: J.M.

SCALE: 1:400


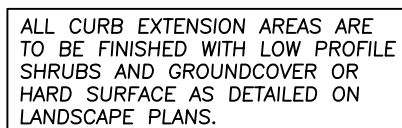
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

STANDARD COLLECTOR STREET 4 - WAY INTERSECTION

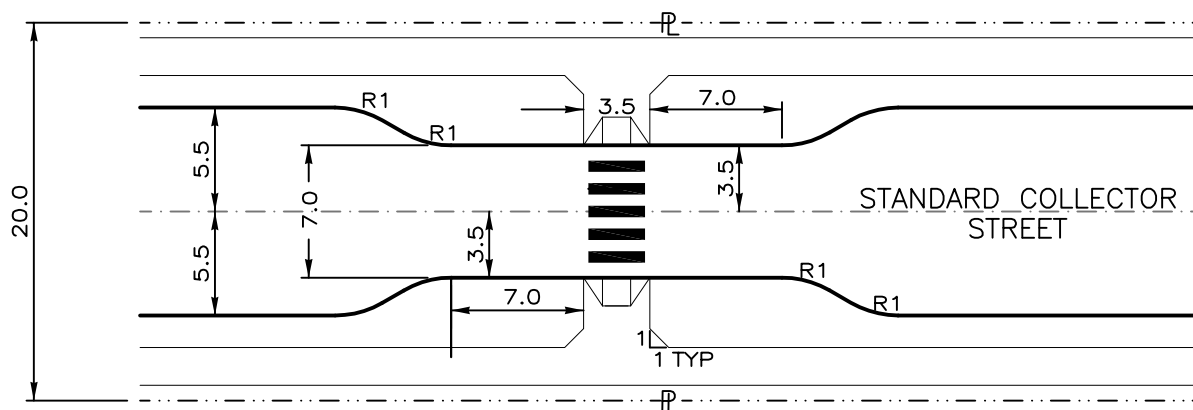
DRAWING NO.

RD-3



PORT MOODY
City of the Arts

RD-4



CURVE RADIUS

R1	5.0 IDEAL
	3.0 MIN

ALL CURB EXTENSION AREAS ARE TO BE FINISHED WITH LOW PROFILE SHRUBS AND GROUND COVER OR HARD SURFACE AS DETAILED ON LANDSCAPE PLANS.

NOTE: All dimensions in metres



DESIGNED BY: J.M.

SCALE: 1:400

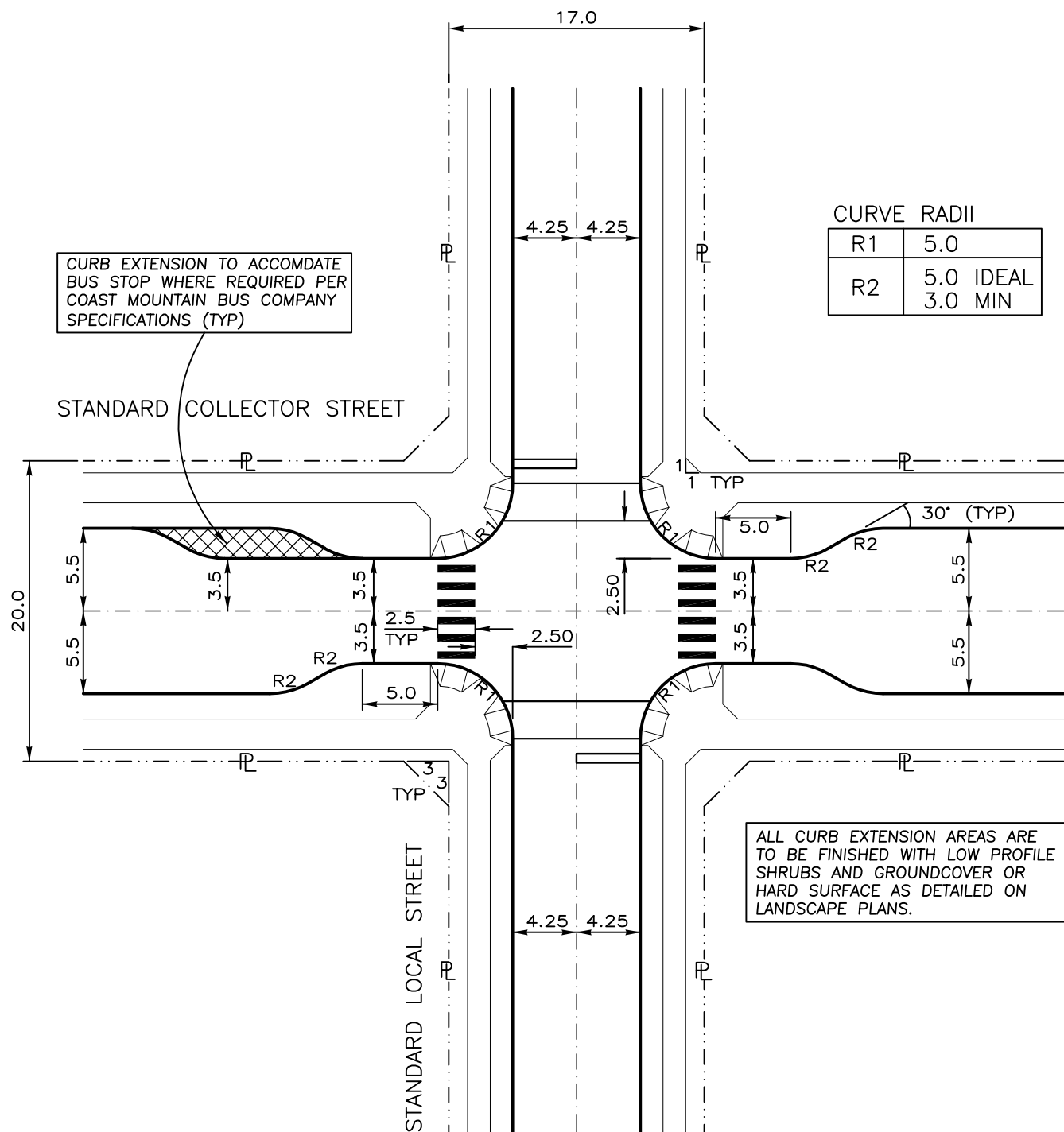
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

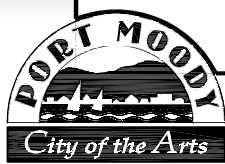
STANDARD COLLECTOR STREET MID-BLOCK CROSSWALK

DRAWING NO.

RD-5



NOTE: All dimensions in metres



DESIGNED BY: J.M.

SCALE: 1:400

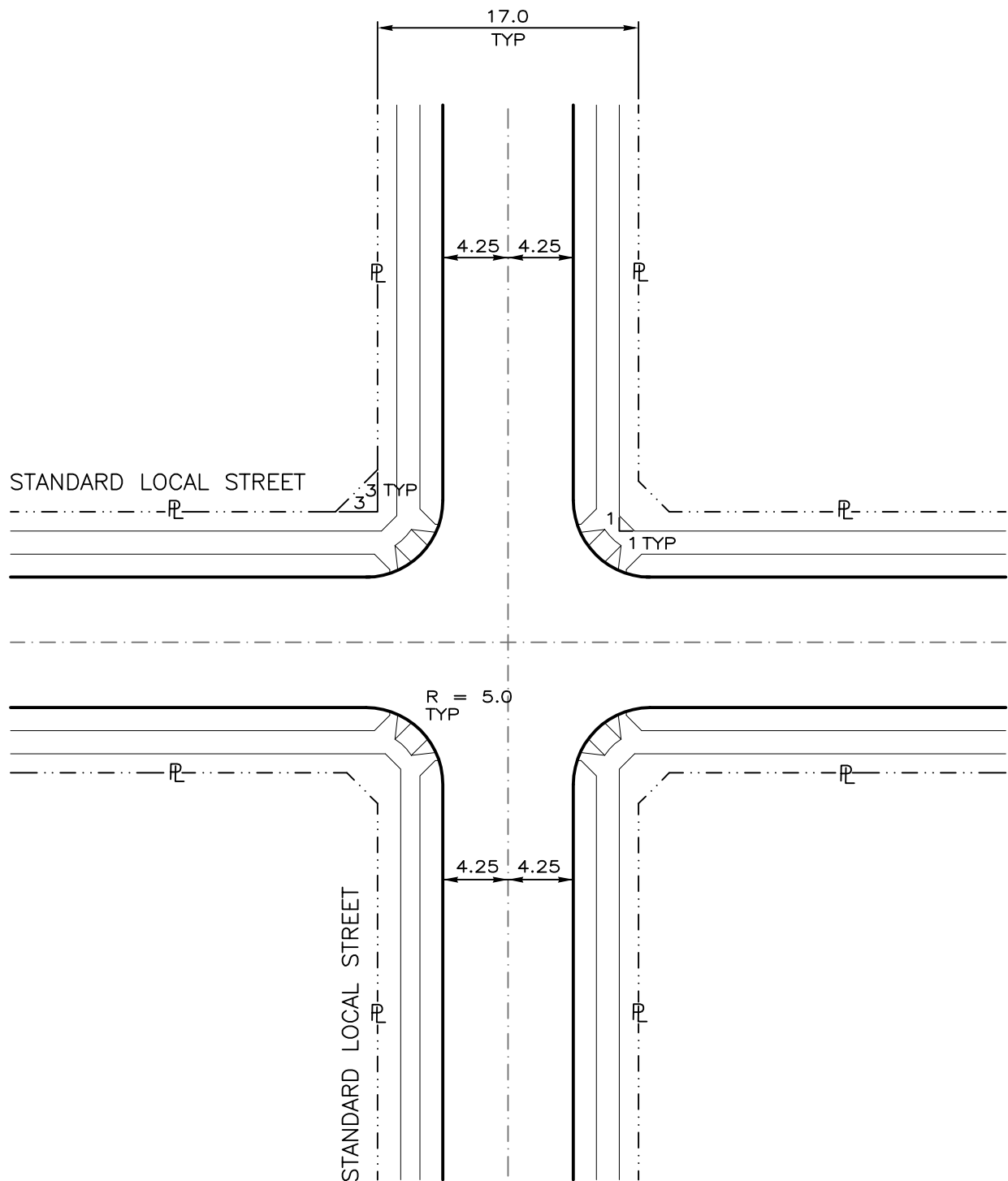
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

STANDARD COLLECTOR & LOCAL STREET INTERSECTION

DRAWING NO.

RD-6



NOTE: All dimensions in metres



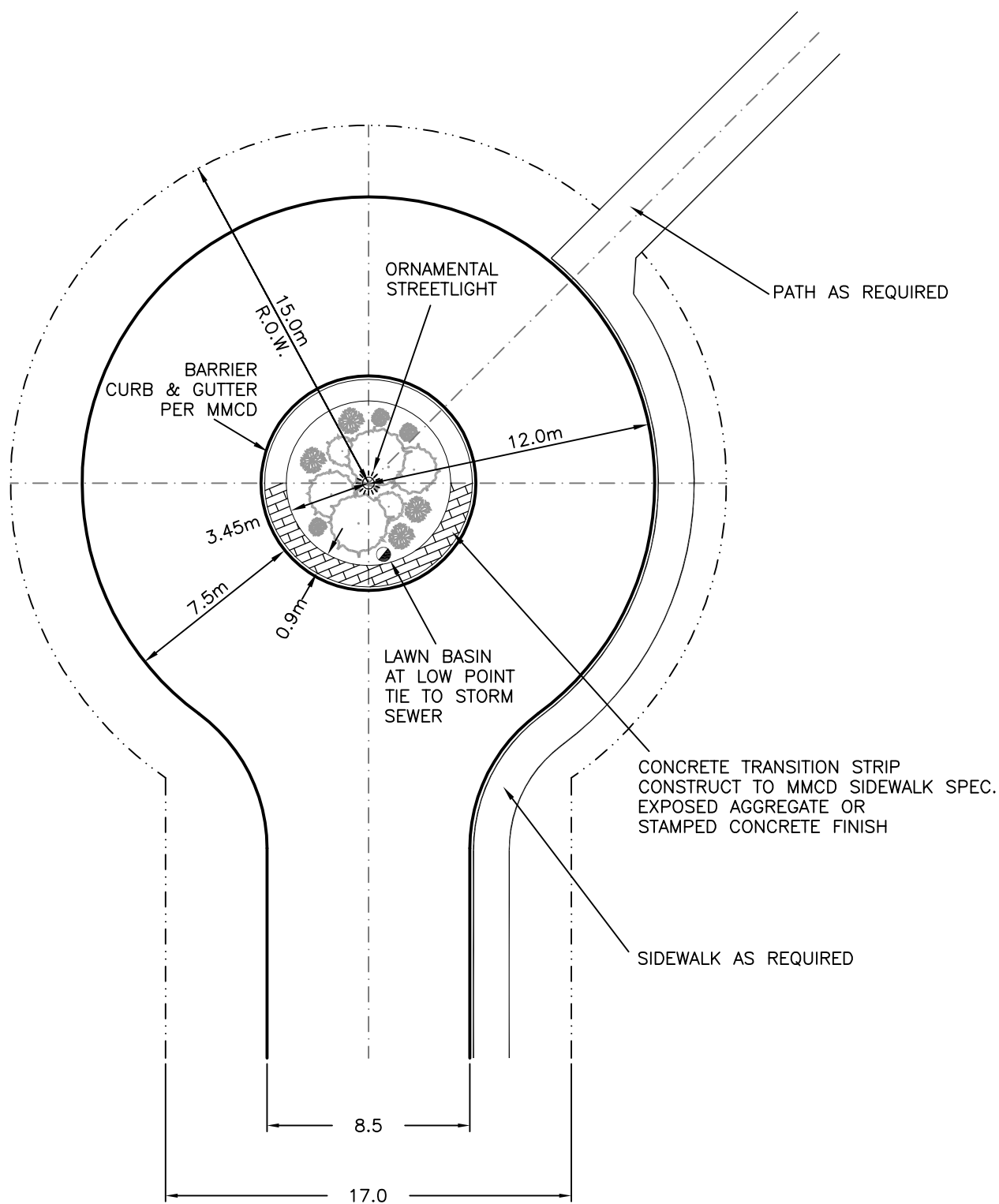
DESIGNED BY: J.M.

SCALE: 1:400

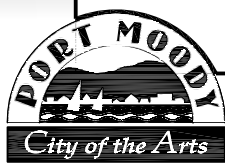
DRAWN BY: V.J./K.G.

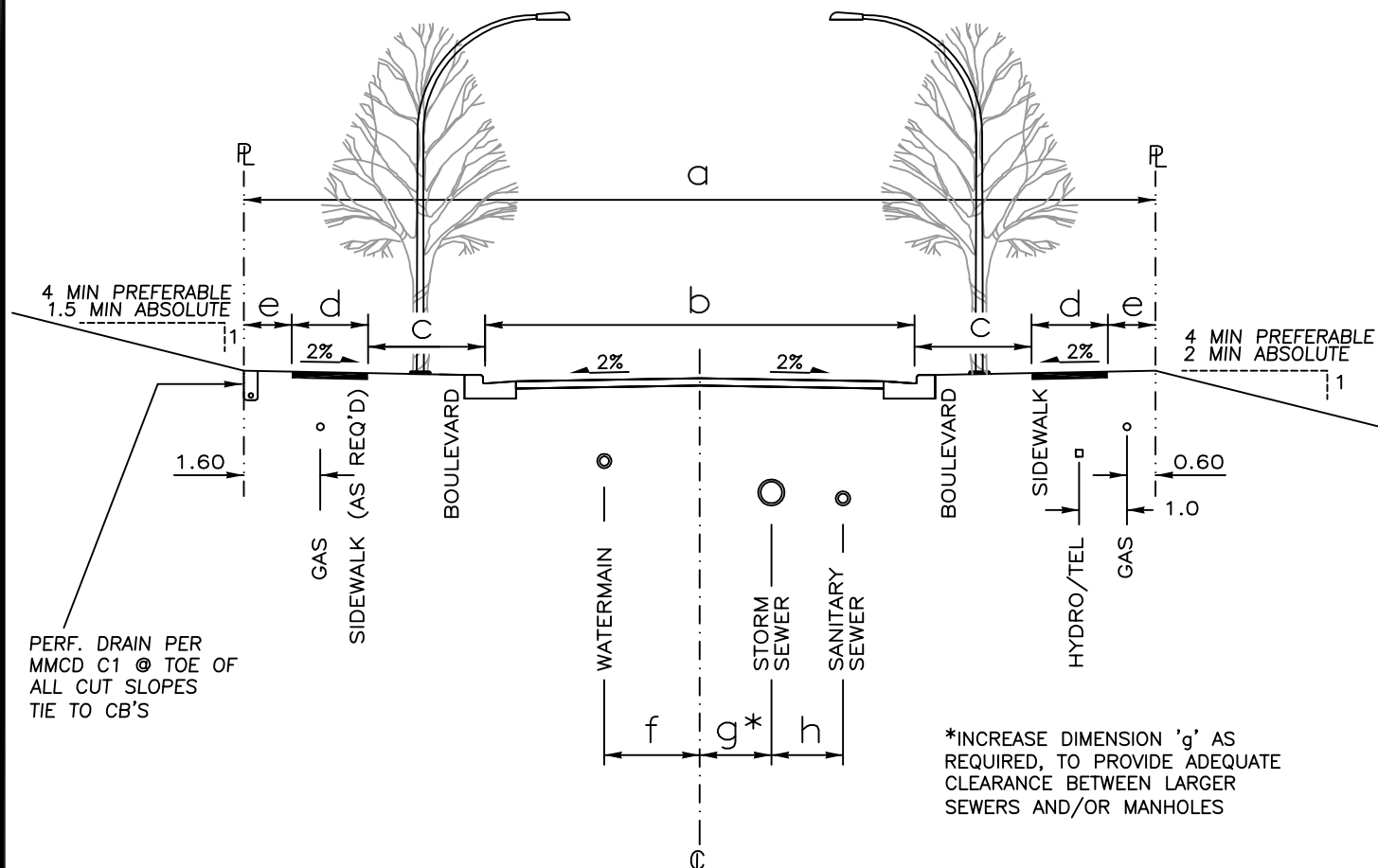
DATE PLOTTED: 10Jul26

**STANDARD LOCAL STREET
INTERSECTION**DRAWING
NO.**RD-7**



NOTE: All dimensions in metres

DESIGNED BY: **A.M.**SCALE: **1:250**DRAWN BY: **V.J./K.G.**DATE PLOTTED: **10Jul26****RESIDENTIAL
CUL-DE-SAC**DRAWING
NO.**RD-8**



ROAD, SIDEWALK AND BOULEVARD DIMENSIONS

Street Section	a	b	c	d	e	f	g	h	Additional Information
Arterial	As Required By City								
Bike Route Collector	24.0	15.0	1.7	2.0	0.80	2.0	1.0	1.0	Includes 1.5m Bike Lane
Bike Route Collector (Urban)	24.0	15.0	0.85	2.15	1.50	2.0	1.0	1.0	See RD-12
Standard Collector	20.0	11.0	1.7	2.0	0.80	2.0	1.0	1.0	
Standard Collector (Urban)	20.0	11.0	0.85	2.15	1.5	2.0	1.0	1.0	See RD-12
Standard Local	17.0	8.5	1.5	1.5	1.25	5.5	0	1.0	1 S/W Opp. W/M Pref.
Standard Local (Urban)	17.0	8.5	1.5	1.9	0.85	5.5	0	1.0	See RD-13

NOTE:

- All dimensions in metres
- Watermain to be on 'cut' side of R/W when possible



DESIGNED BY: J.M.

SCALE: NTS

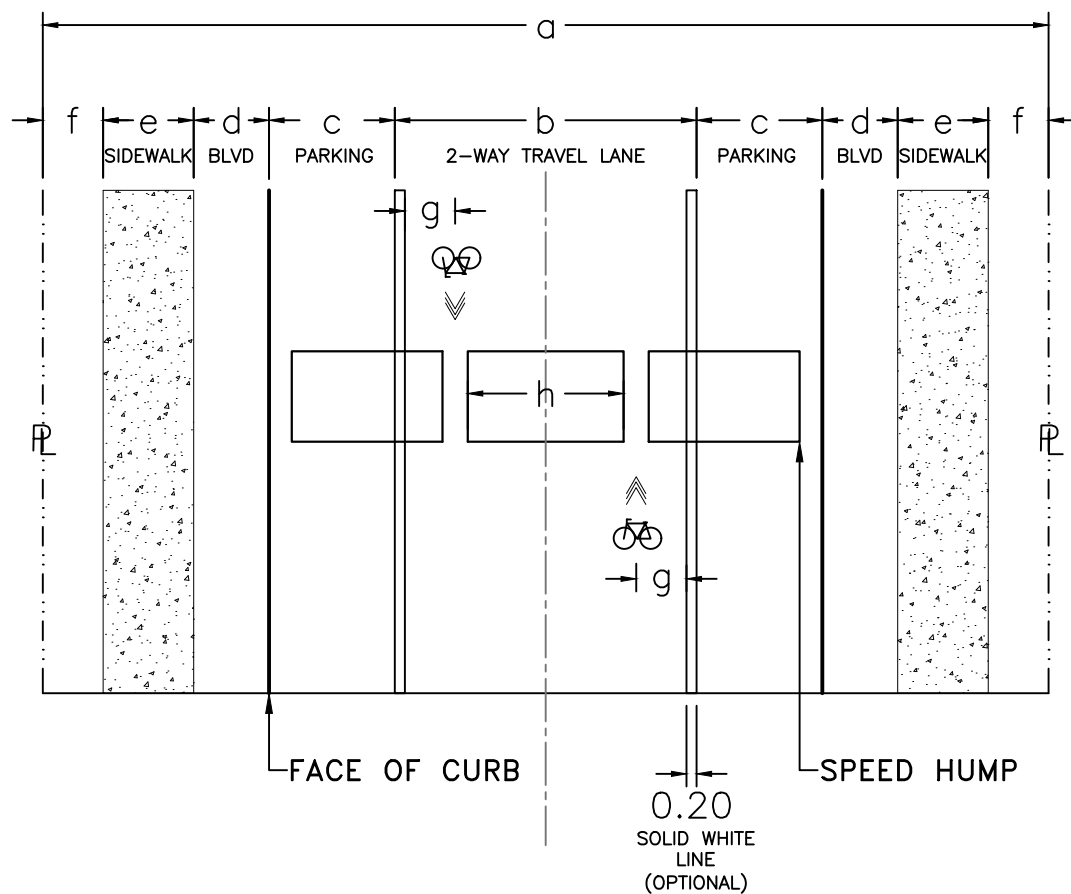
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

TYPICAL ROAD CROSS-SECTION

DRAWING NO.

RD-9



ROAD, SIDEWALK AND BOULEVARD DIMENSIONS

Street Section	a	b	c	d	e	f	g	h	Additional Information
St George Street	20.0	6.0	2.5	1.5	1.8	1.2	1.0	min 3.0	

NOTE:

- All dimensions in metres
- Refer to Sinusoidal Speed Hump Design for 30 KPH
- Side slopes of speed hump should be no greater than 1:6
- 0.5 meter gap between speed humps
- Gap to align with sharrow pavement marking
- Speed humps to be marked with shark teeth
- Standard Signage from TAC to be installed where required



DESIGNED BY:
N.M./S.J.

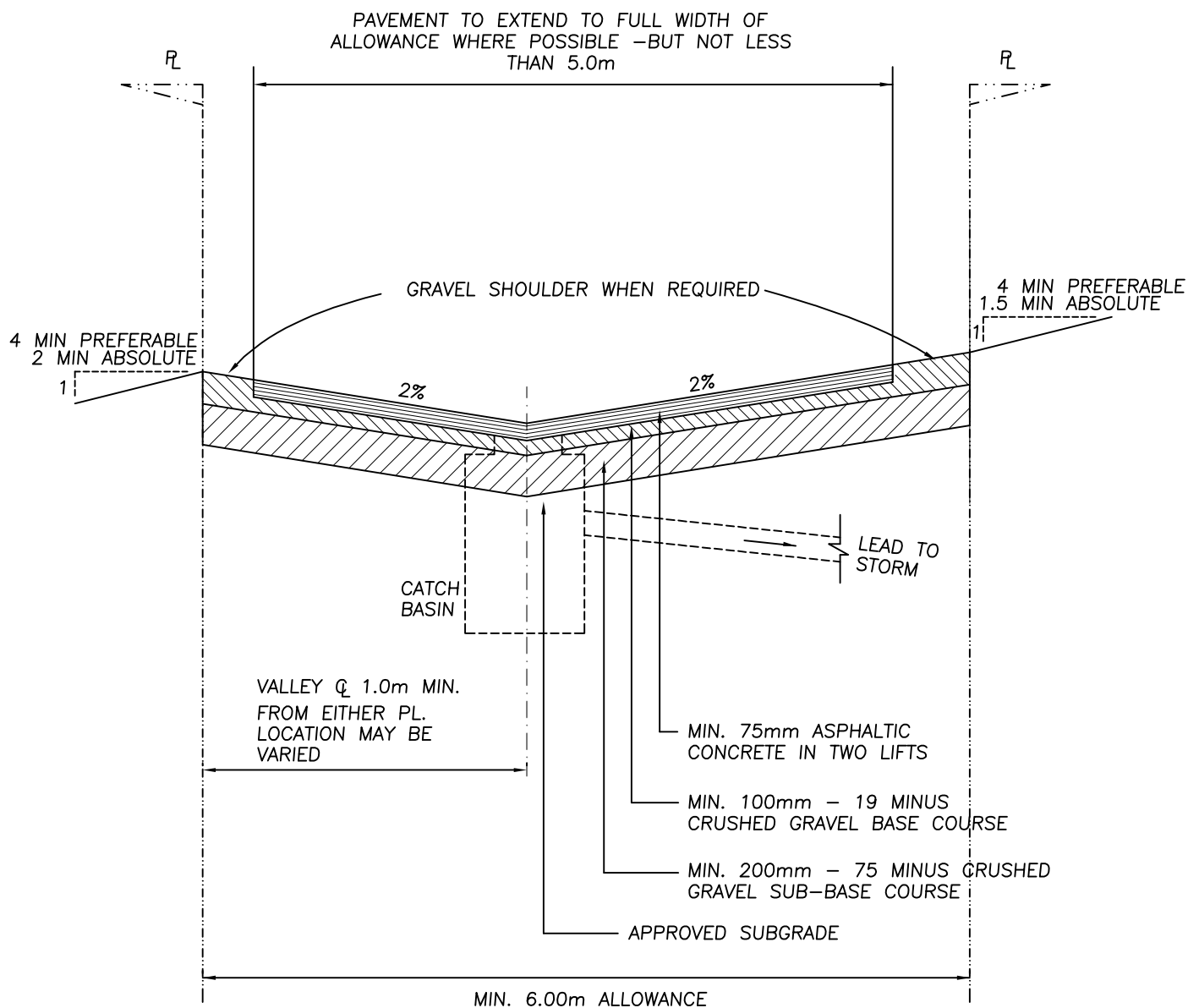
DRAWN BY:
N.M.

SCALE:
NTS

DATE PLOTTED:
1-Mar-2019

NEIGHBOURHOOD BIKEWAY DESIGN TYPICAL ROAD CROSS-SECTION

DRAWING
NO.
RD-9a

**NOTE:**

CATCH BASINS TO BE LOCATED AT LOW POINTS AND CONNECTED TO STORM SEWER. PROVIDE MIN. OF ONE CATCH BASIN PER BLOCK.

CURB & GUTTER ON GRAVEL BASE AS PER MMCD MAY BE USED BY DESIGNER WHERE SPECIAL DRAINAGE AND/OR GRADE PROBLEMS REQUIRE.

ALGEBRAIC DIFFERENCE IN CROSSFALL GRADE SHALL NOT EXCEED 6%.

PERMEABLE PAVEMENT OR ALTERNATE ROAD SURFACING MAY BE REQUIRED BY THE DIRECTOR WHERE DEEMED APPROPRIATE.

NOTE: All dimensions in metres



DESIGNED BY: J.M.

SCALE: NTS

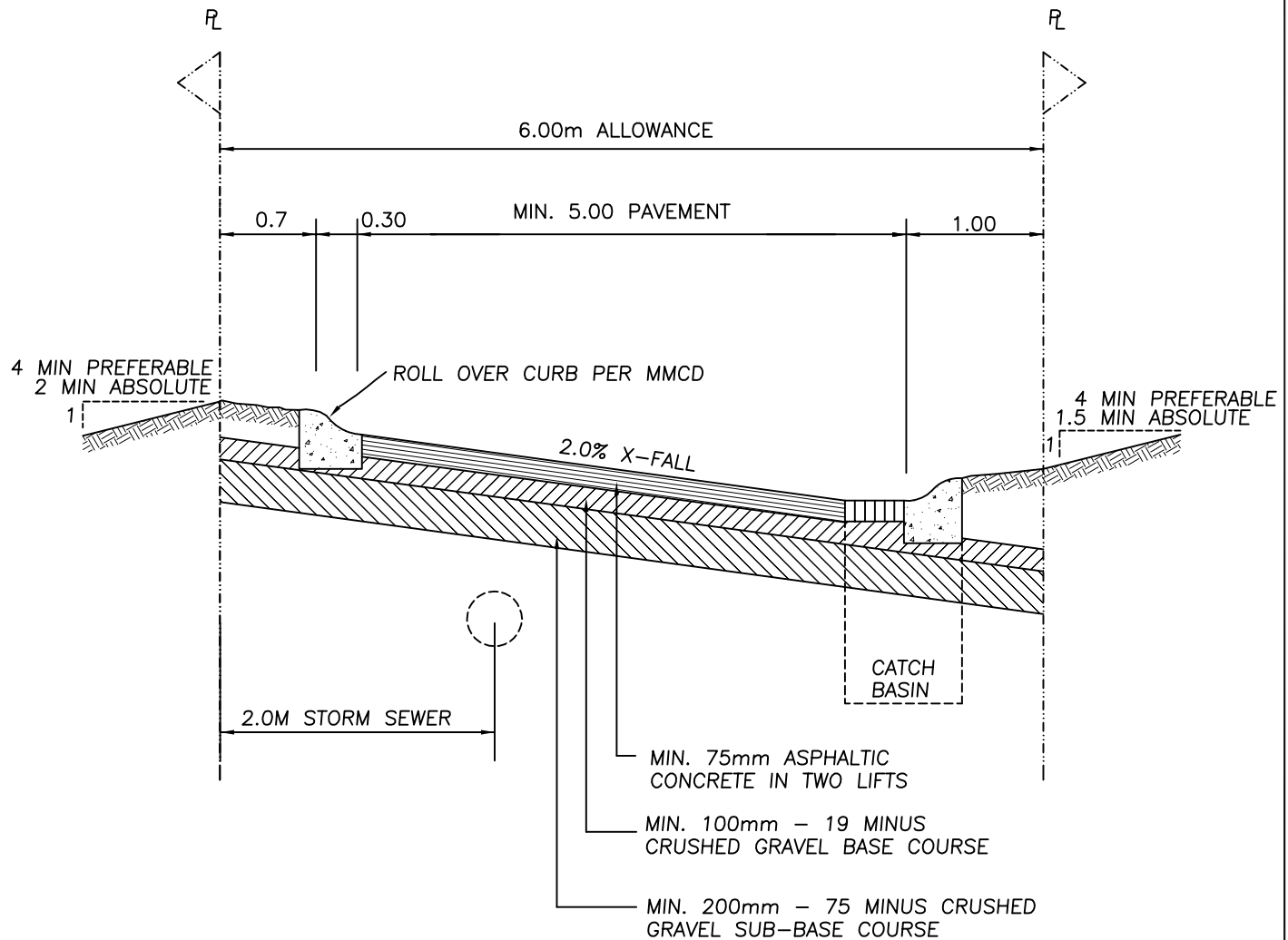
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

STANDARD LANE CONSTRUCTION FOR USE IN LEVEL GROUND

DRAWING
NO.

RD-10

**NOTE:**

CATCH BASINS TO BE LOCATED AT LOW
POINTS AND CONNECTED TO STORM
SEWER AS LONGITUDINAL PROFILE
REQUIRES AT LEAST ONE PER BLOCK
AT LOW END AT CROSS STREET PL.

PERMEABLE PAVEMENT OR ALTERNATE
ROAD SURFACING MAY BE REQUIRED BY
THE DIRECTOR WHERE DEEMED APPROPRIATE.

NOTE: All dimensions in metres



DESIGNED BY: J.M.

SCALE: NTS

DRAWN BY: V.J./K.G.

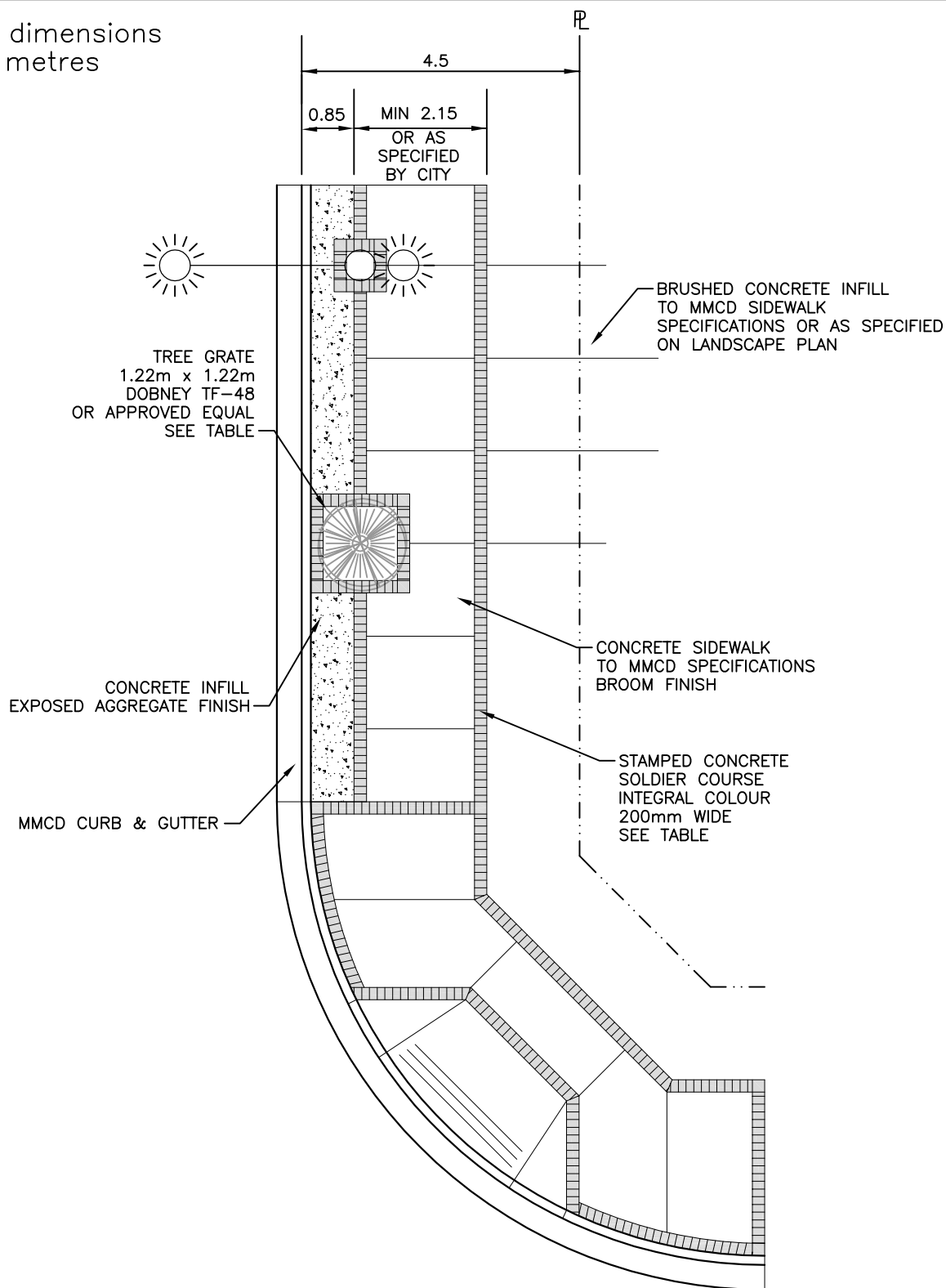
DATE PLOTTED: 10Jul26

STANDARD LANE CONSTRUCTION- FOR USE IN SLOPING GROUND

DRAWING
NO.

RD-11

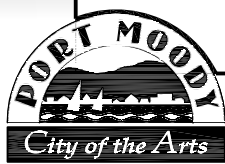
NOTE: All dimensions
in metres



URBAN NEIGHBOURHOOD DESIGN STANDARDS*

	Moody Centre - Queens Street to Moody Street	Moody Centre - Moody Street to Ioco Road	Town Centre
Paver Bands	Autumn Blend w/ Charcoal Release Agent & Clear Sealant		Pewter
Tree Grates	Dobney Foundry Ivy Series	Dobney Foundry SCT Series	

* Equivalent materials will be accepted subject to City review & approval.



DESIGNED BY: **A.M.**

SCALE: **1:100**

DRAWN BY: **V.J./K.G.**

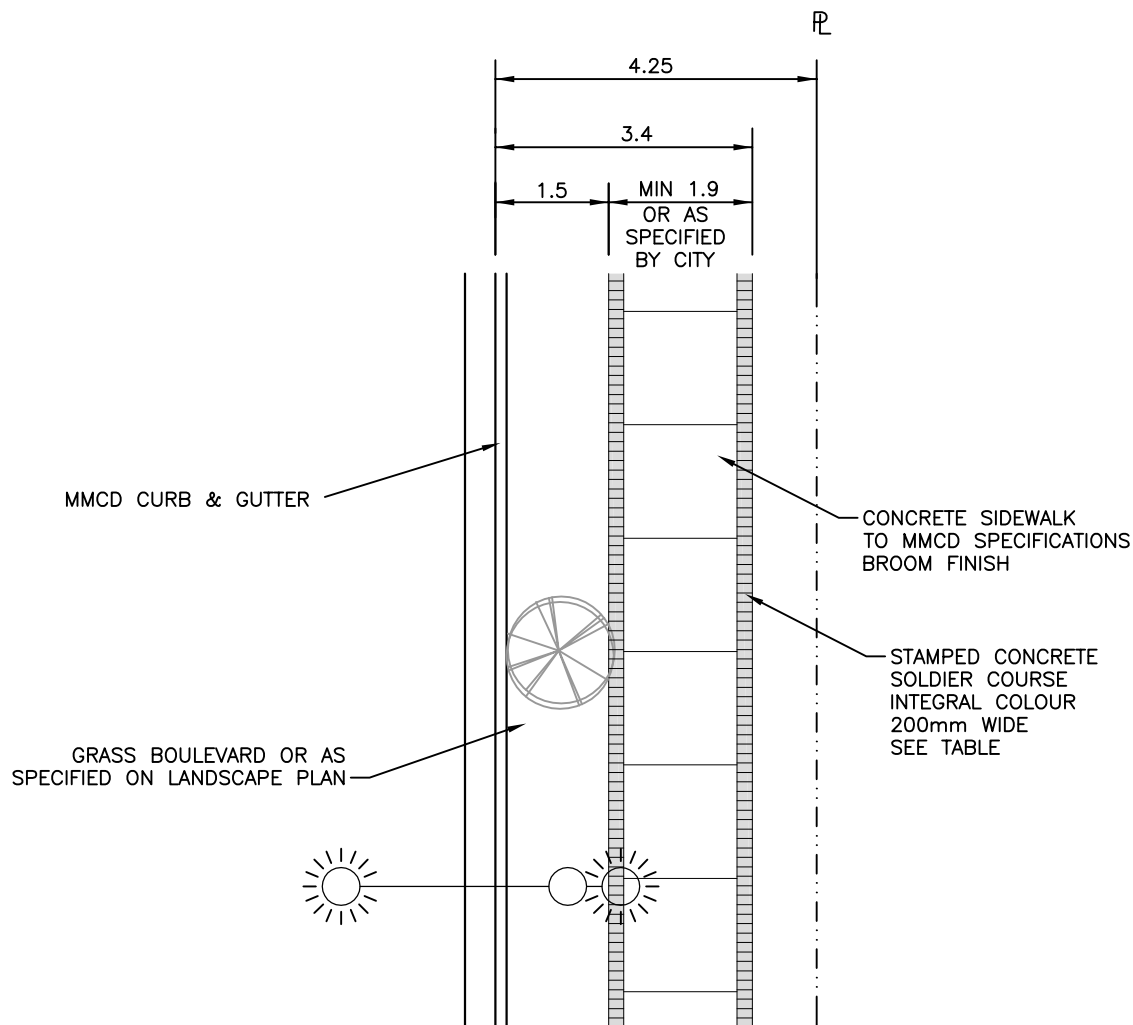
DATE PLOTTED: **10Jul26**

MOODY / TOWN CENTRE URBAN COLLECTOR ROAD SIDEWALK DETAIL

DRAWING
NO.

RD-12

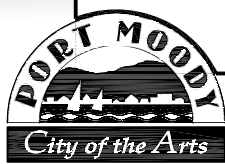
NOTE: All dimensions
in metres



URBAN NEIGHBOURHOOD DESIGN STANDARDS*

	Moody Centre - Queens Street to Moody Street	Moody Centre - Moody Street to Ioco Road	Town Centre
Paver Bands	Autumn Blend w/ Charcoal Release Agent & Clear Sealant		Pewter
Tree Grates	Dobney Foundry Ivy Series	Dobney Foundry SCT Series	

* Equivalent materials will be accepted subject to City review & approval.



DESIGNED BY: **A.M.**

SCALE: **1:100**

DRAWN BY: **V.J./K.G.**

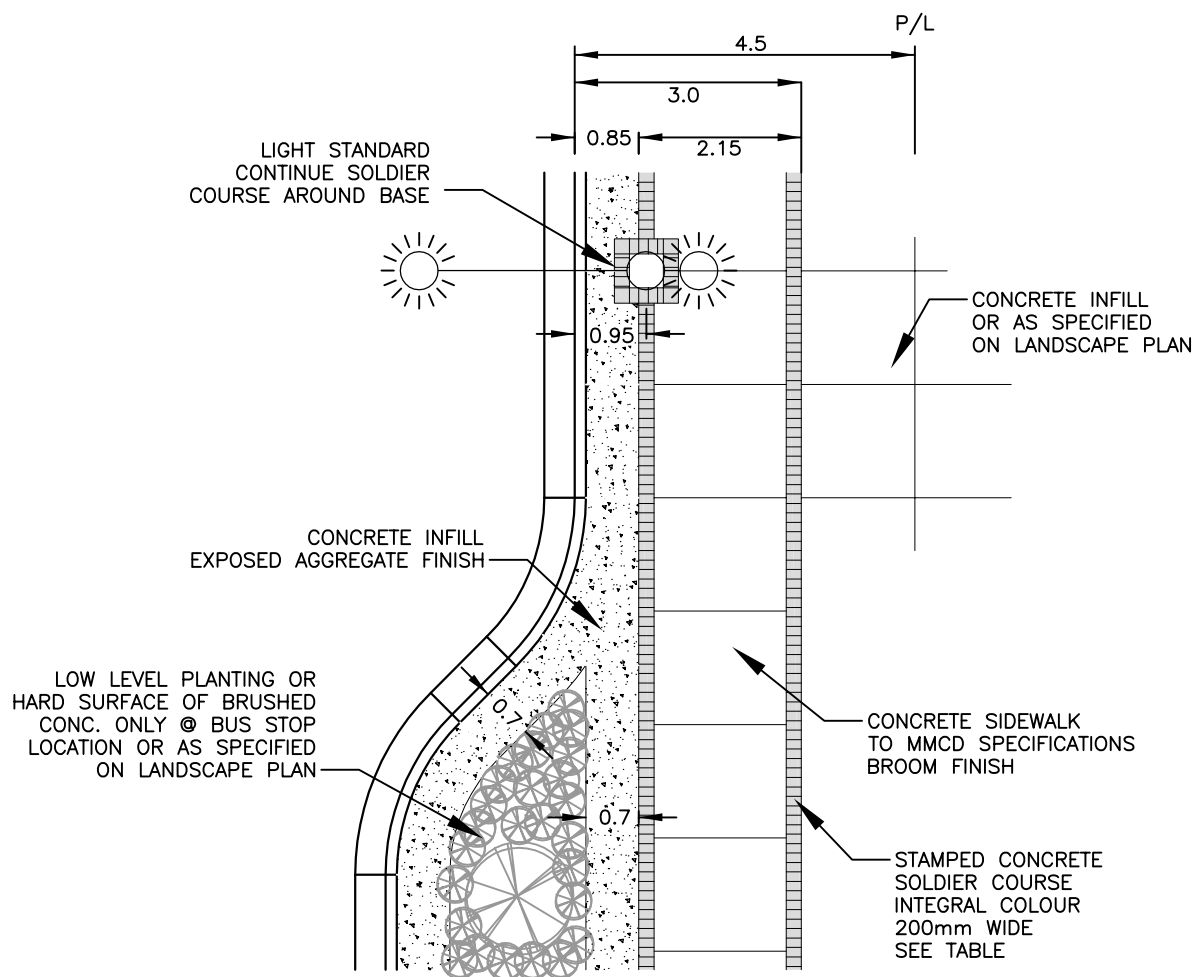
DATE PLOTTED: **10Jul26**

MOODY / TOWN CENTRE URBAN LOCAL ROAD SIDEWALK DETAIL

DRAWING
NO.

RD-13

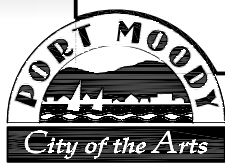
NOTE: All dimensions
in metres



URBAN NEIGHBOURHOOD DESIGN STANDARDS*

	Moody Centre - Queens Street to Moody Street	Moody Centre - Moody Street to Ioco Road	Town Centre
Paver Bands	Autumn Blend w/ Charcoal Release Agent & Clear Sealant		Pewter
Tree Grates	Dobney Foundry Ivy Series	Dobney Foundry SCT Series	

* Equivalent materials will be accepted subject to City review & approval.



DESIGNED BY: **A.M.**

SCALE: **1:100**

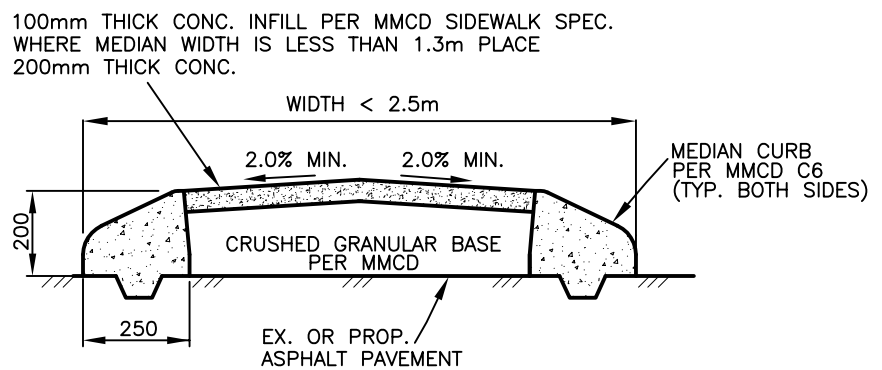
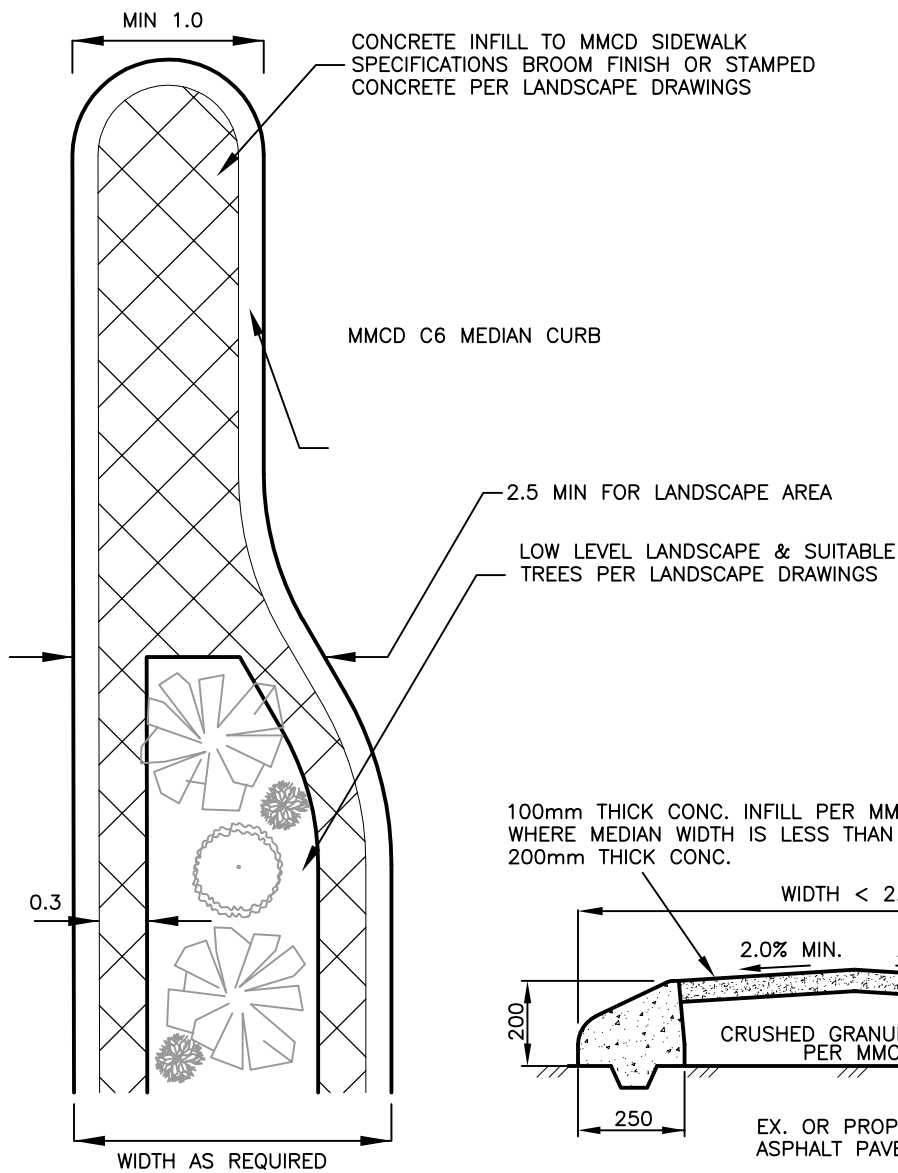
DRAWN BY: **V.J./K.G.**

DATE PLOTTED: **10Jul26**

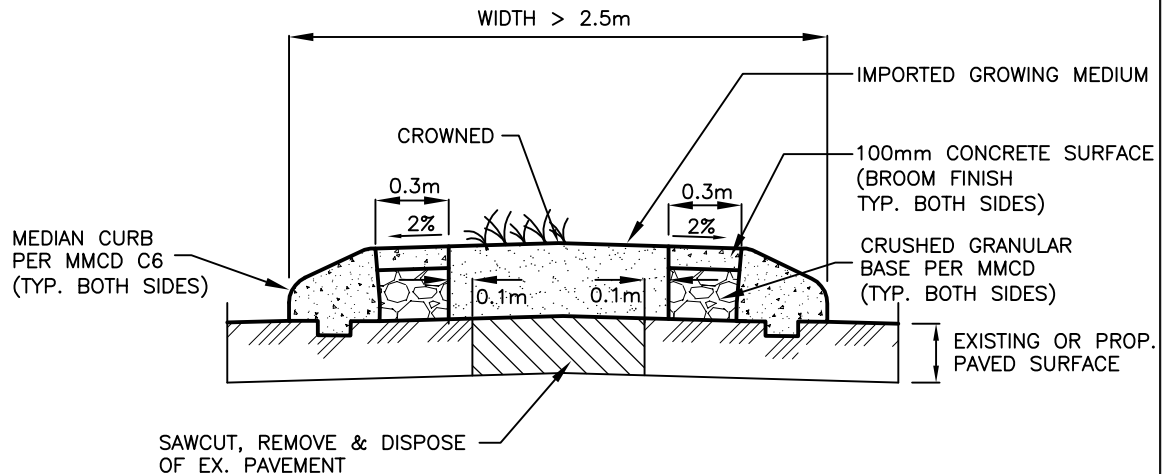
TYPICAL URBAN CURB EXTENSION DETAIL

DRAWING
NO.

RD-14

NOTE: All dimensions
in metres

TYPICAL MEDIAN CROSS-SECTION



TYPICAL MEDIAN CROSS-SECTION W/ PLANTING AREA



DESIGNED BY: J.M.

SCALE: NTS

DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

TYPICAL MEDIAN DETAIL

DRAWING
NO.

RD-15



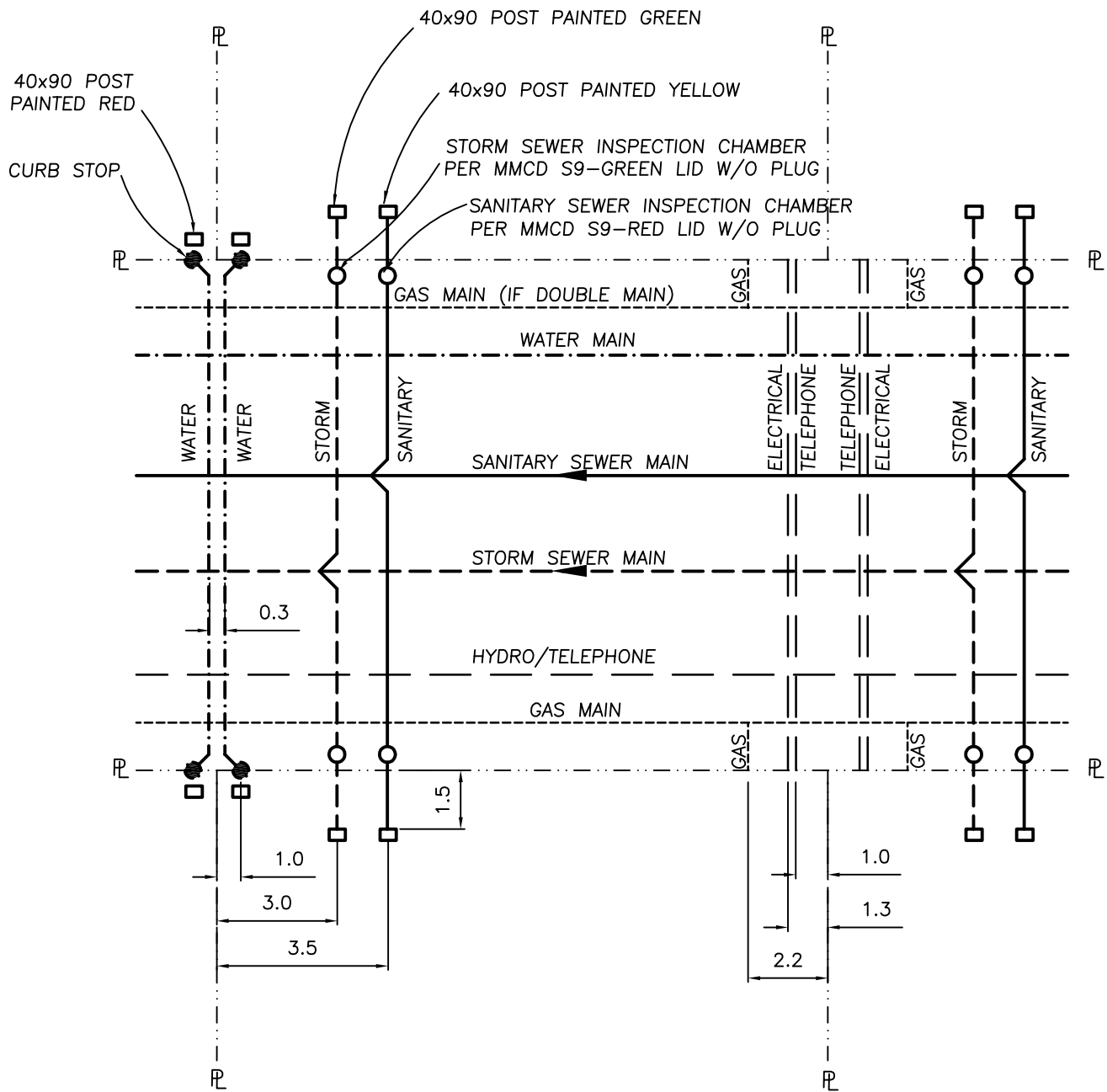
Diagram illustrating the plan view of a road cross-section. The road is 10.00m wide, with a 5.00m wide shoulder on the left. The road is bordered by a property line on the left and a centreline on the right. The road is 17.00m wide at the top and 17.00m wide at the bottom. The road is 17.00m wide at the top and 17.00m wide at the bottom. The road is 17.00m wide at the top and 17.00m wide at the bottom.

RESIDENTIAL



DATE PLOTTED:
10Jul26

RD-16



NOTE: - ALL MARKER POSTS TO EXTEND FROM
PIPE INVERT TO 0.5 ABOVE GROUND
- CONFIGURATION SHOWN ASSUMES
19-25 MM WATER, 150-200 MM STORM
& 100-200 MM SANITARY CONNECTIONS.
REFER TO BYLAW 2831 FOR OTHER DIA.



DESIGNED BY: J.M.

SCALE: 1:400

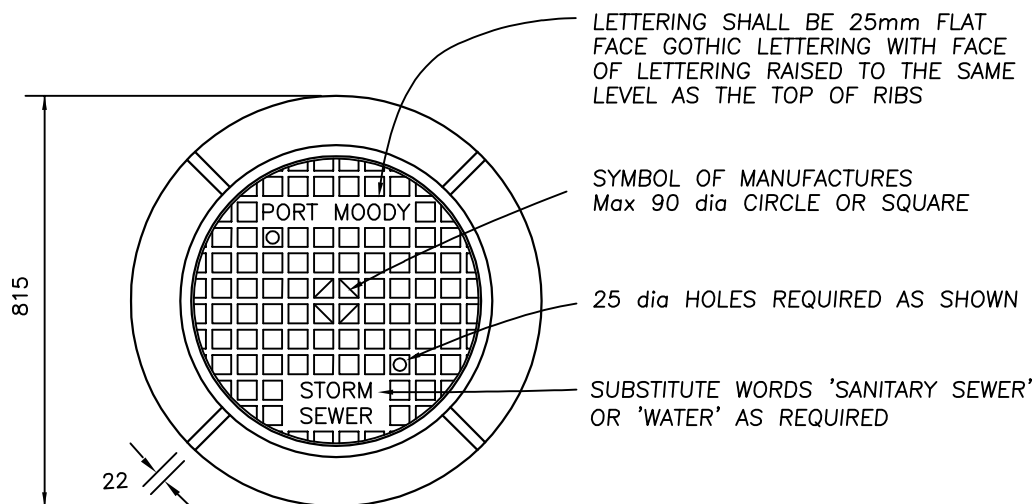
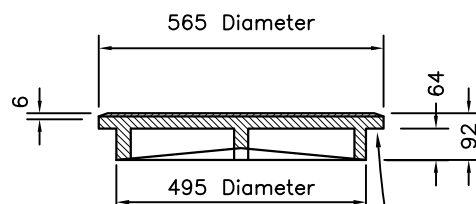
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

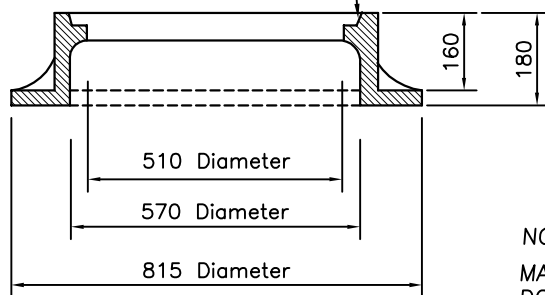
TYPICAL LOT SERVICE CONNECTION LOCATIONS

DRAWING
NO.

SD-1

PLANCOVER

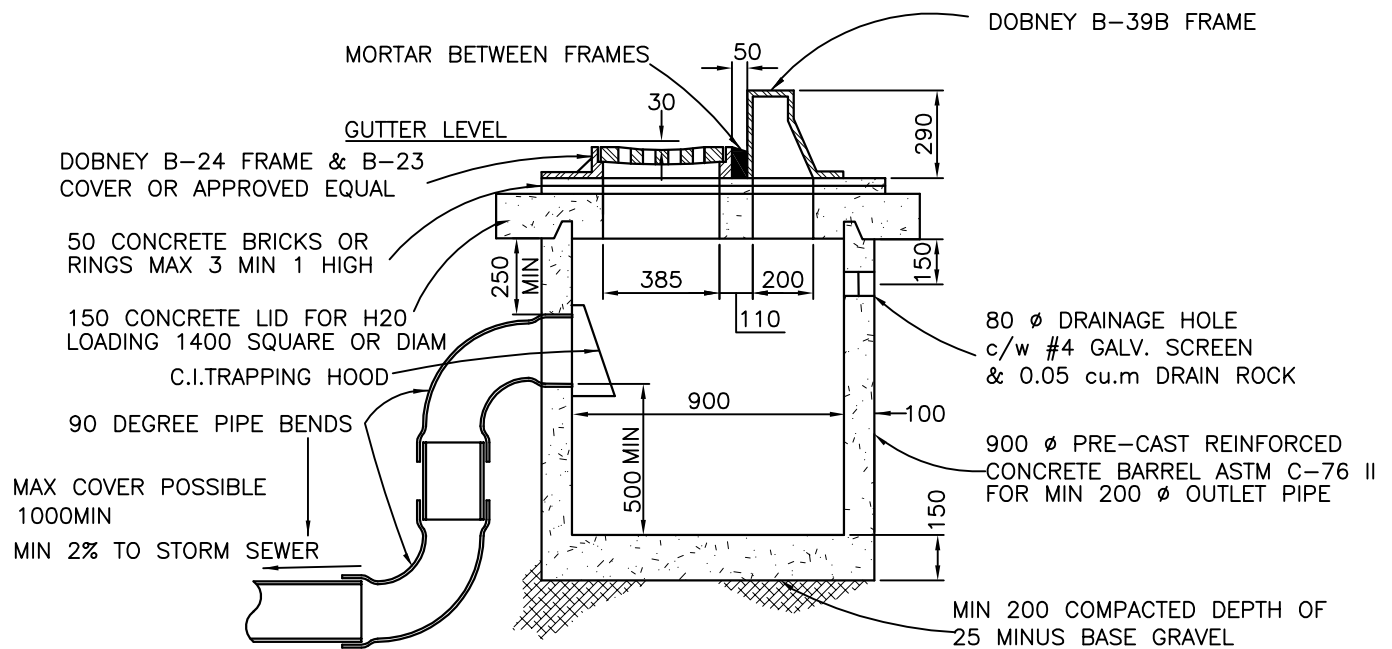
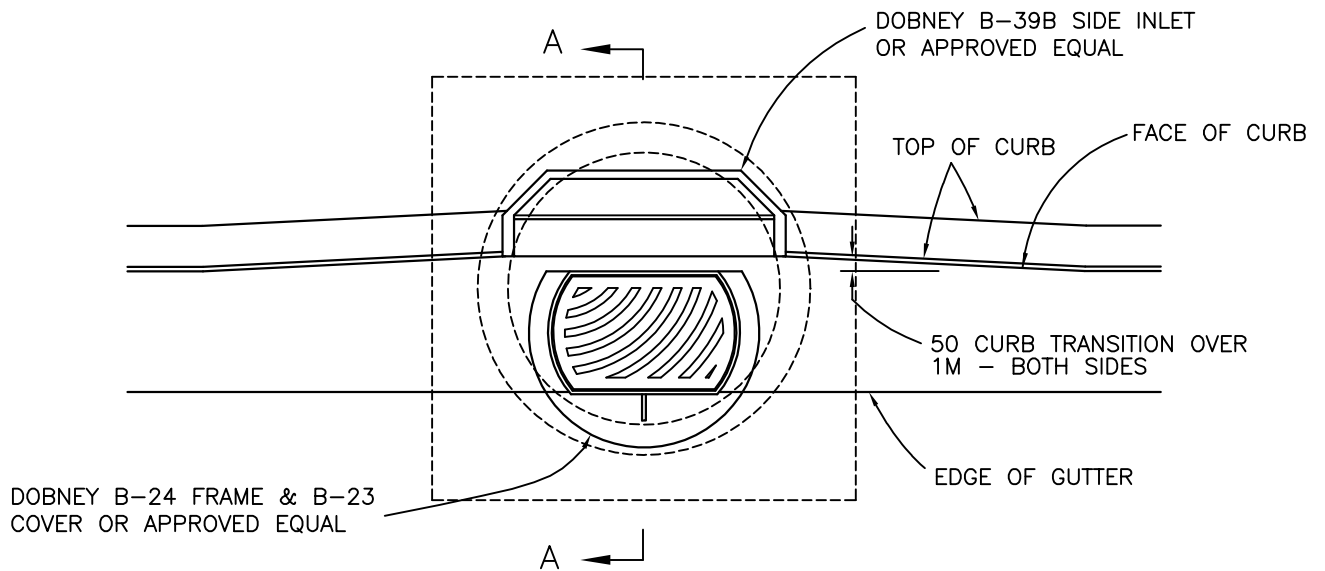
MACHINE SURFACE FOR NON-ROCKING FIT -ALLOW 5mm FOR RAISED FACE

FRAME

NOTES:

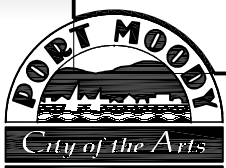
MANHOLE FRAME & COVER SHALL BE DOBNEY C-18 OR APPROVED EQUAL.
APPROX WEIGHT: COVER 63 KG
FRAME 110KG

ALL DIMENSIONS IN MILLIMETERS



SECTION A-A

NOTE: ALL DIMENSIONS IN MILLIMETERS



DESIGNED BY: J.M.

SCALE: 1:25

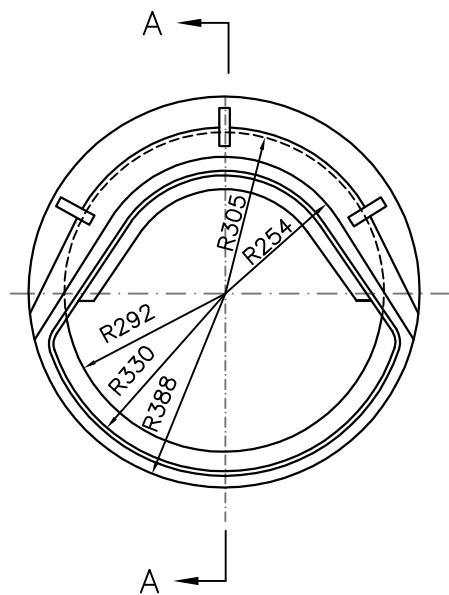
DRAWN BY: V.J./K.G.

DATE PLOTTED: 15Sep25

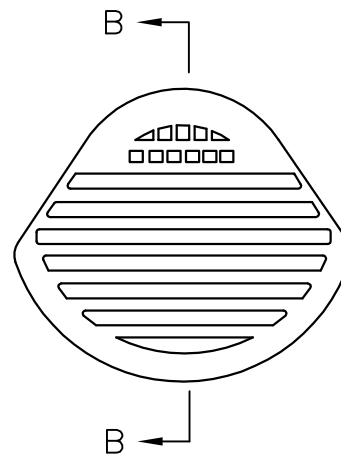
TYPICAL CATCHBASIN FOR USE AT LOW POINTS IN BARRIER CURB

DRAWING NO.

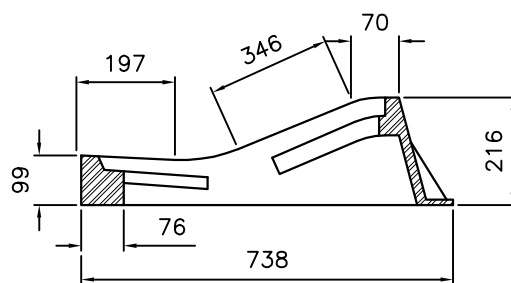
SD-3



PLAN

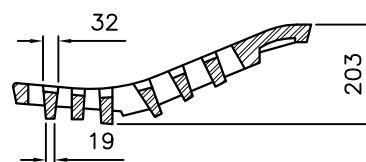


PLAN



SECTION A-A

FRAME

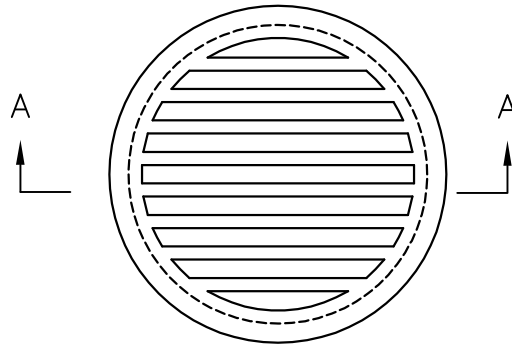


SECTION B-B

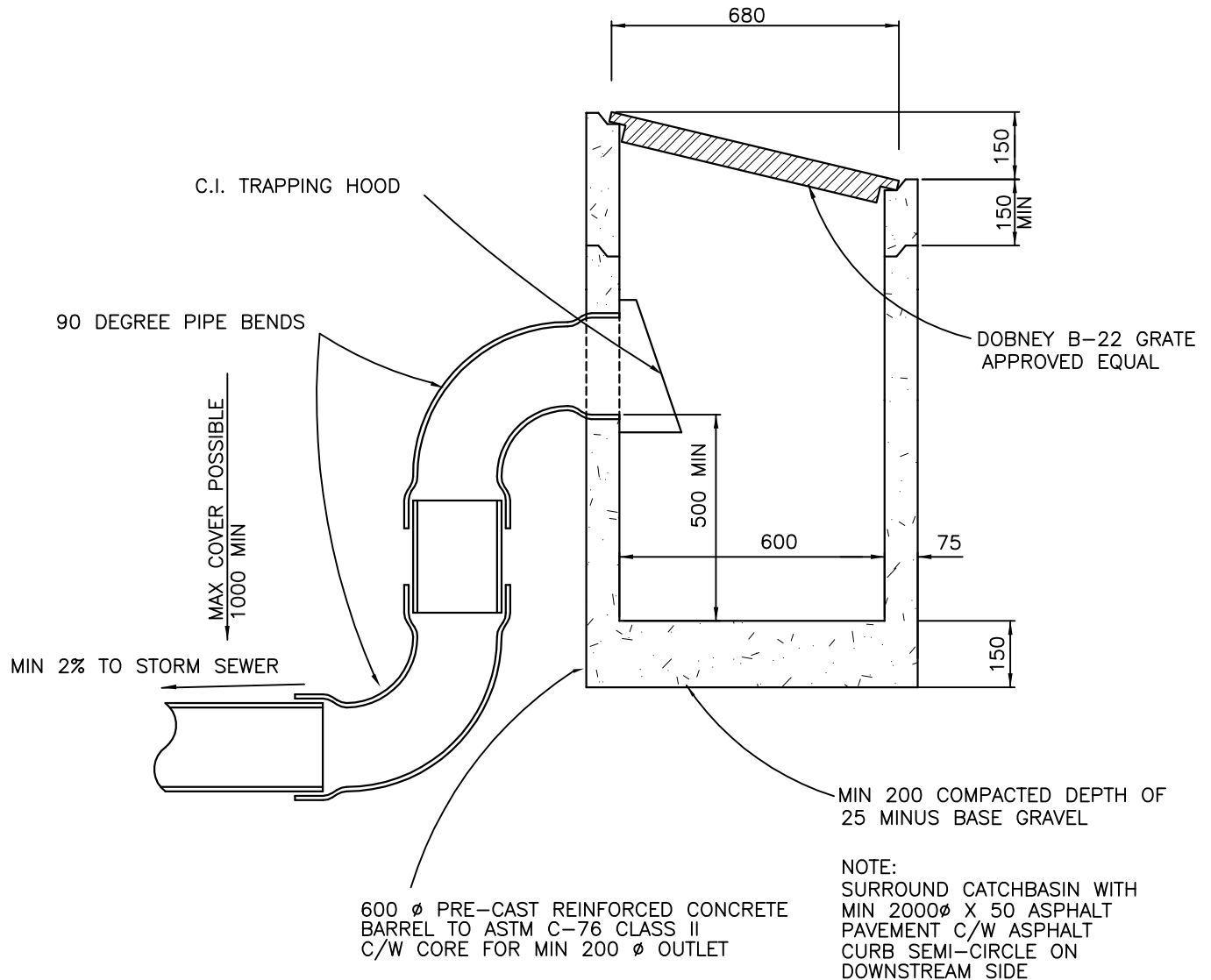
COVER

NOTES

1. FRAME & COVER SHALL BE DOBNEY B-40 OR APPROVED EQUAL
2. CATCHBASIN DETAILS AS SHOWN ON DRAWING SD-3,4,5 EXCEPT BARREL DIAMETER SHALL BE 900mm



PLAN



SECTION A-A



DESIGNED BY: J.M.

SCALE: 1:15

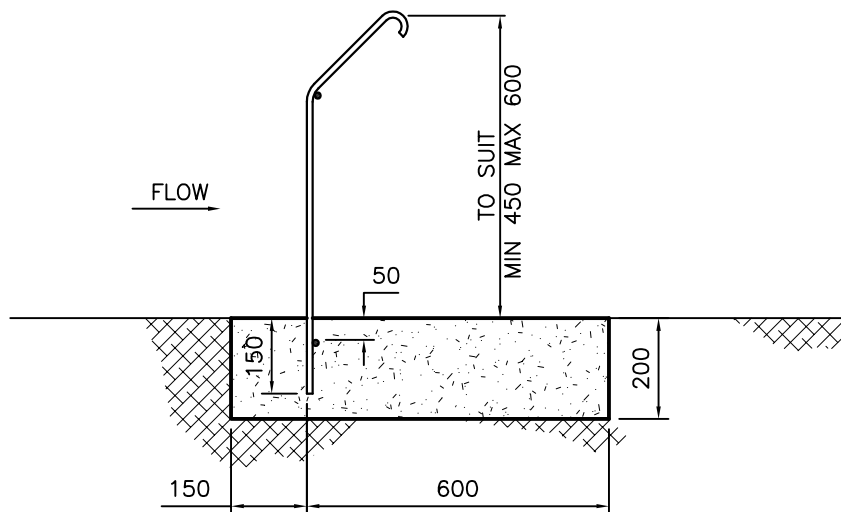
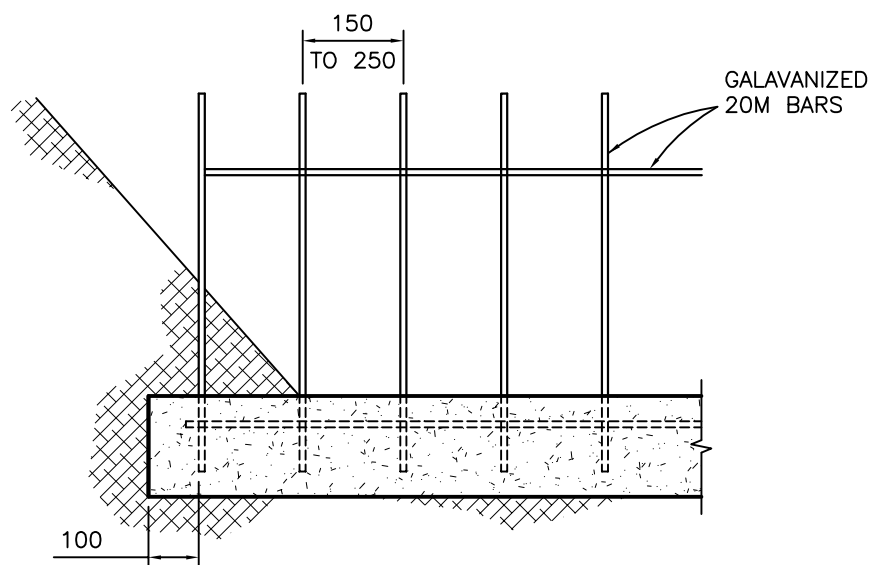
DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

TYPICAL CATCHBASIN FOR SWALES

DRAWING
NO.

SD-5

END ELEVATIONFRONT ELEVATION (PARTIAL)

NOTES:

1. CONCRETE SHALL BE MINIMUM 21 MPa AT 28 DAYS
2. BARS TO BE WELDED TOGETHER PRIOR TO INSTALLATION
3. TRASH SCREEN TO EXTEND ACROSS FULL WIDTH OF DITCH OR WATERCOURSE
4. TRASH SCREEN SHALL NOT BE INSTALLED WITHIN 1.0M OF CULVERT OR HEADWALL



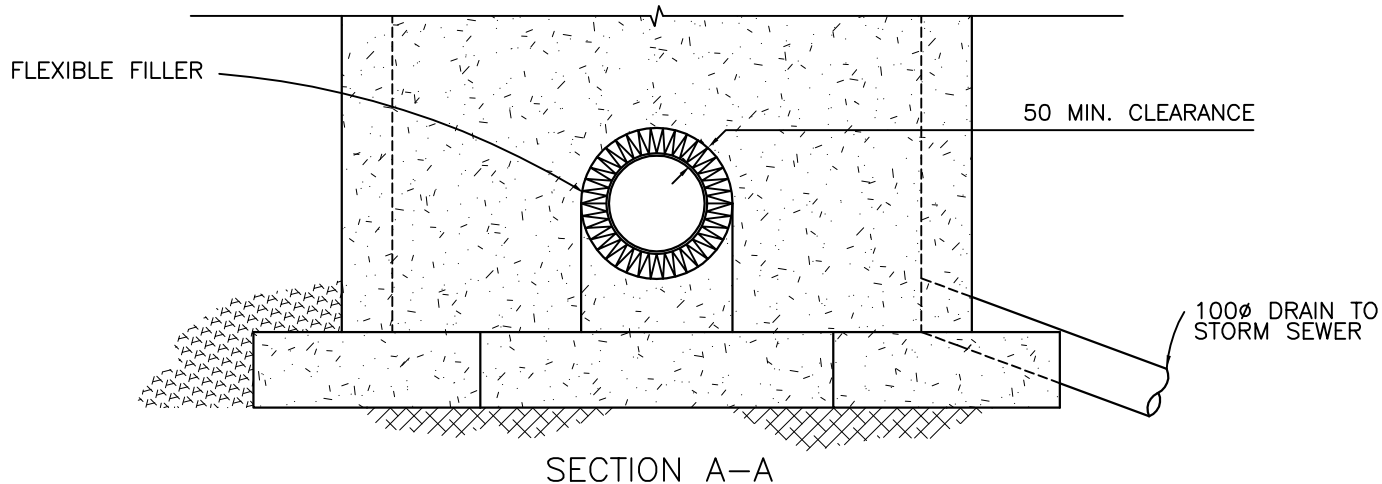
DESIGNED BY: J.M.

SCALE: 1:15

DRAWN BY: V.J./K.G.

DATE PLOTTED: 10Jul26

TYPICAL TRASH SCREENDRAWING
NO.**SD-6**



NOTES:

- 
- PORT MOODY
City of the Arts

WD-1