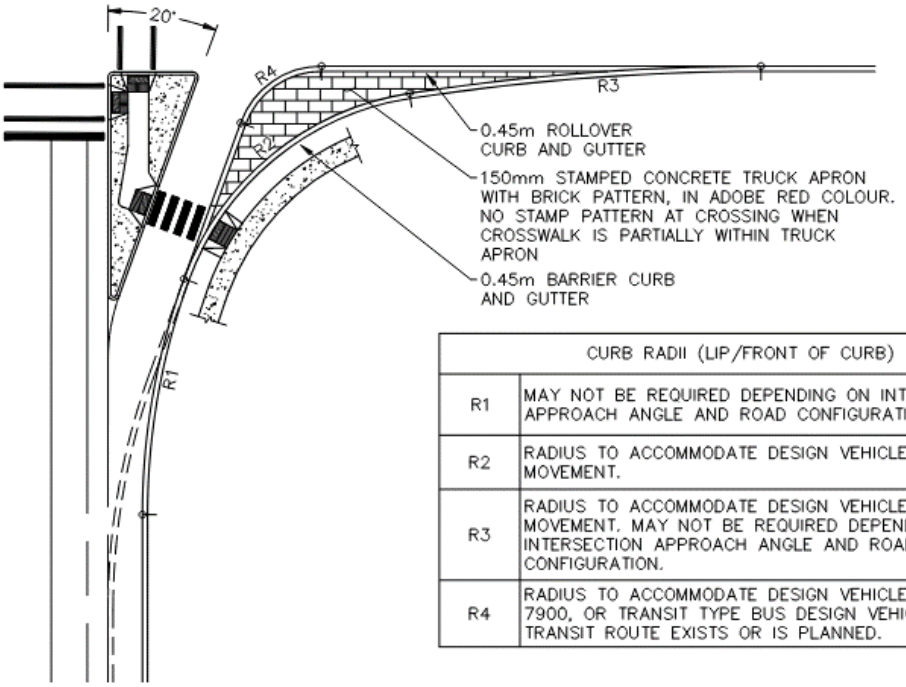
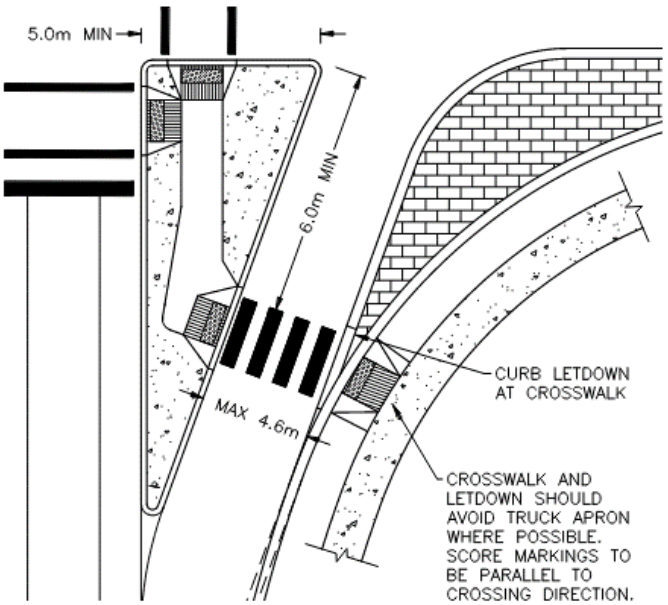
BL9549 amended Drawing SS-R3:
BL9549 amended Drawing SS-R4:
BL9549 amended Drawing SS-R7:

BL12555 added SS-R50, SS-R51, SS-R52, SS-R53, SS-R54, SS-R55, SS-R56, SS-R57, SS-R58, SS-R59, SS-R60, SS-R61, SS-R62



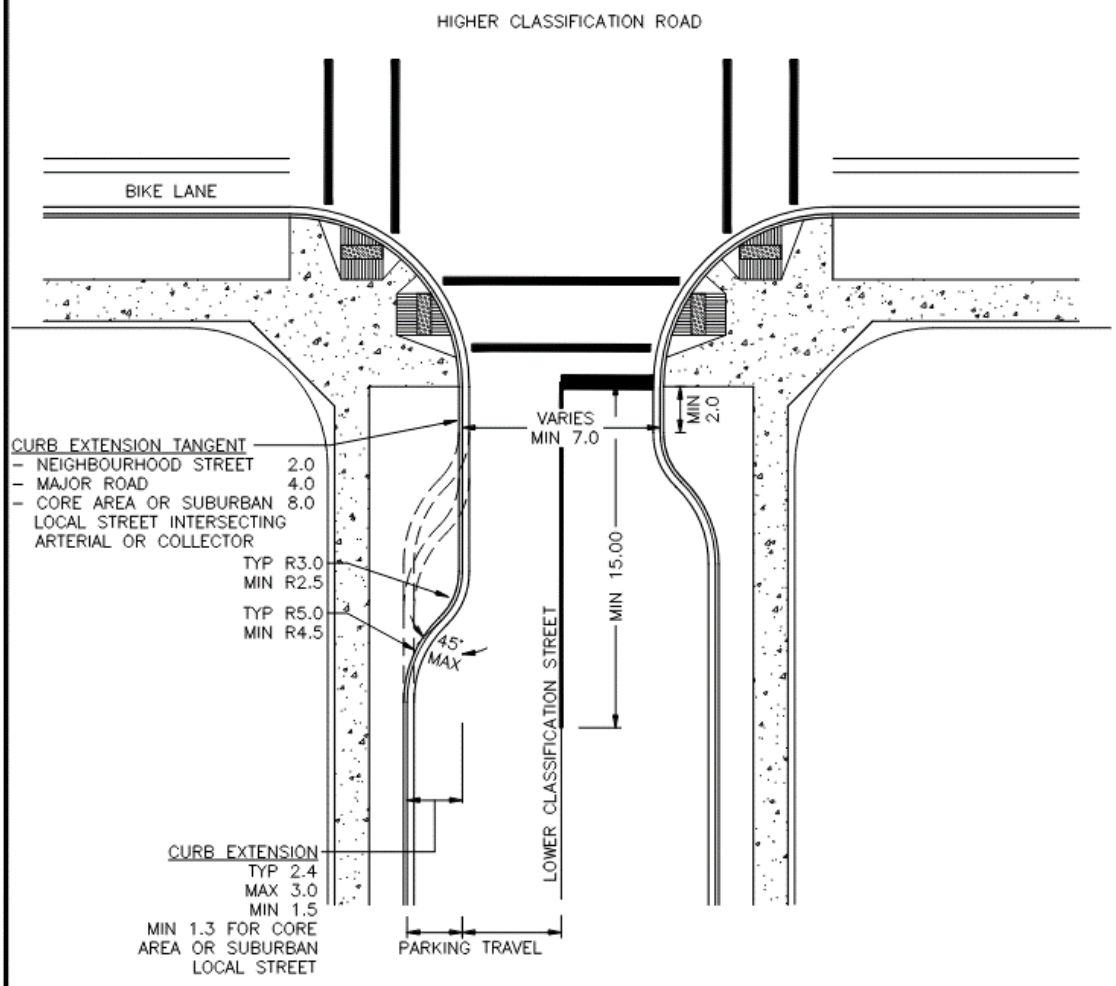
CURB RADII (LIP/FRONT OF CURB)	
R1	MAY NOT BE REQUIRED DEPENDING ON INTERSECTION APPROACH ANGLE AND ROAD CONFIGURATION.
R2	RADIUS TO ACCOMMODATE DESIGN VEHICLE TURNING MOVEMENT.
R3	RADIUS TO ACCOMMODATE DESIGN VEHICLE TURNING MOVEMENT. MAY NOT BE REQUIRED DEPENDING ON INTERSECTION APPROACH ANGLE AND ROAD CONFIGURATION.
R4	RADIUS TO ACCOMMODATE DESIGN VEHICLE PER BYLAW 7900, OR TRANSIT TYPE BUS DESIGN VEHICLE IF TRANSIT ROUTE EXISTS OR IS PLANNED.



ISLAND DETAIL

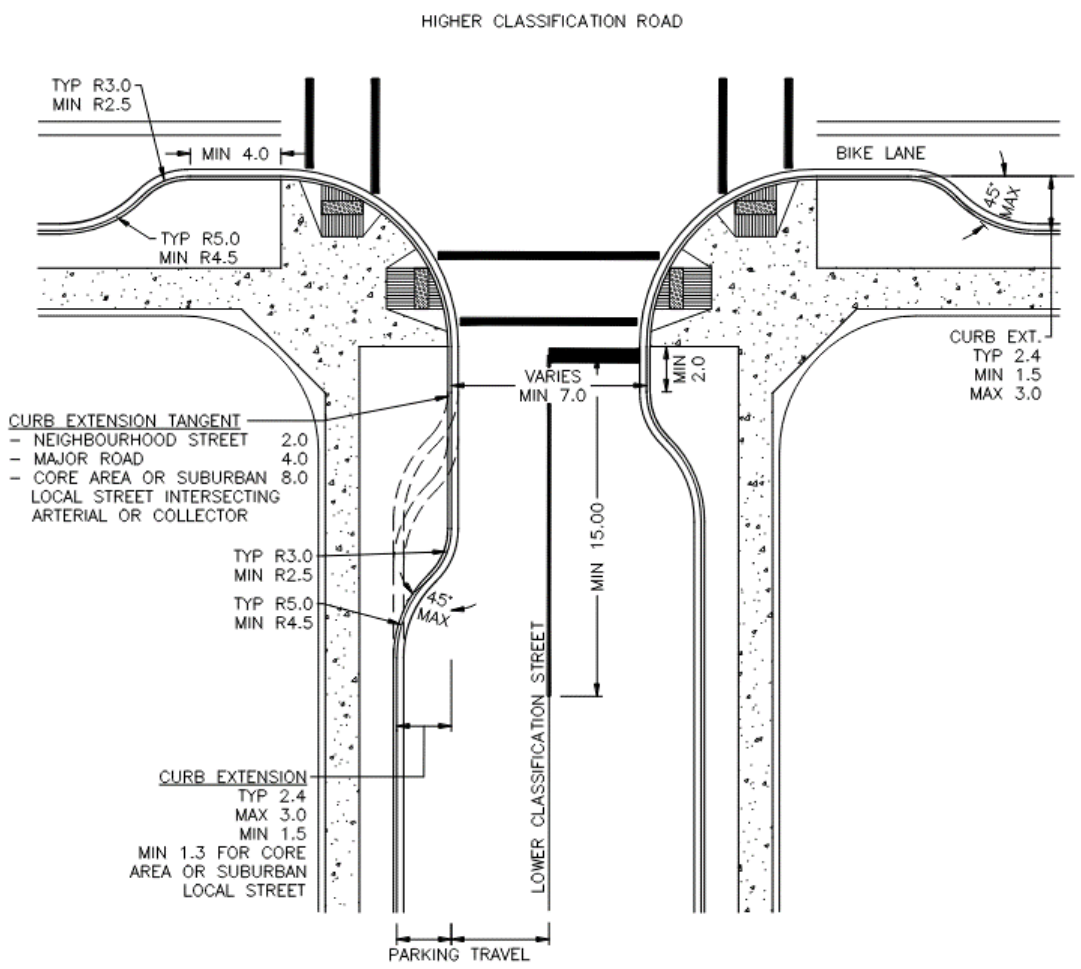
NOTES:
1. THIS DRAWING IS INTENDED TO BE USED AS A GENERAL DESIGN GUIDANCE. TURN PATH ANALYSIS AND SITE SPECIFIC DESIGN IS REQUIRED. DESIGNS TO BE APPROVED BY CITY ENGINEER.
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
3. REFER TO DRAWINGS SS-C8 AND SS-C9 FOR SIDEWALK RAMP DETAILS.
4. CURB TRANSITIONS AT SIDEWALK RAMPS TO BE FLUSH, TYPICAL FOR ALL CURB TYPES.

STANDARD DETAIL DRAWING	DATE: SEPT 12/22	SCALE: NTS	SMART CHANNEL RIGHT TURN	DWG. NO. SS-R50	City of Kelowna



NOTES:
1. THIS DRAWING IS INTENDED TO BE USED AS A GENERAL DESIGN GUIDANCE. TURN PATH ANALYSIS AND SITE SPECIFIC DESIGN IS REQUIRED.
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
3. CURB DIMENSIONS ARE TO THE FACE OF CURB (150mm FROM BACK OF CURB).
4. SEE DRAWING SS-C8 AND SS-C9 FOR SIDEWALK RAMP DETAILS.

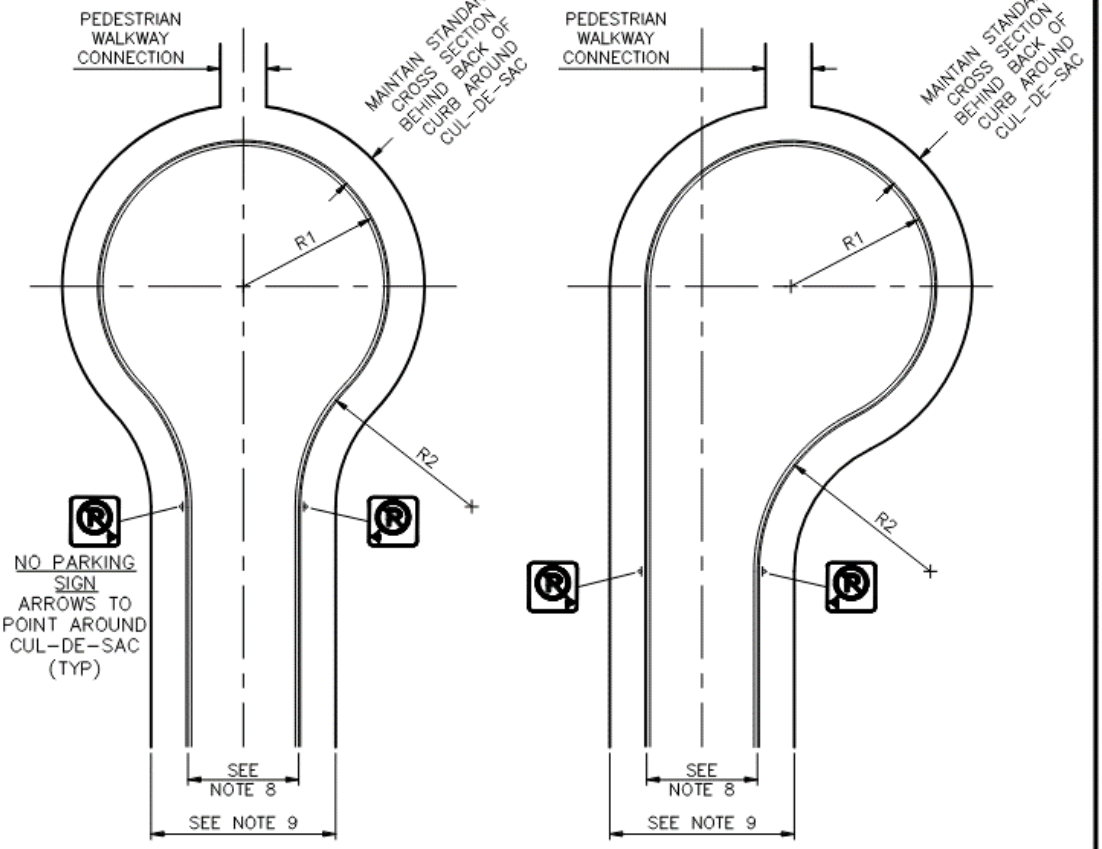
STANDARD DETAIL DRAWING	DATE: SEPT 22/22 SCALE: NTS	INTERSECTION CURB EXTENSIONS HIGHER CLASS ROAD NO PARKING	DWG. NO. SS-R51	City of Kelowna



NOTES:
1. THIS DRAWING IS INTENDED TO BE USED AS A GENERAL DESIGN GUIDANCE. TURN PATH ANALYSIS AND SITE SPECIFIC DESIGN IS REQUIRED.
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
3. CURB DIMENSIONS ARE TO THE FACE OF CURB (150mm FROM BACK OF CURB).
4. SEE DRAWING SS-C8 AND SS-C9 FOR SIDEWALK RAMP DETAILS.

STANDARD DETAIL DRAWING	DATE: SEPT 22/22	INTERSECTION CURB EXTENSIONS	DWG. NO. SS-R52	City of Kelowna
	SCALE: NTS	HIGHER CLASS ROAD WITH PARKING		

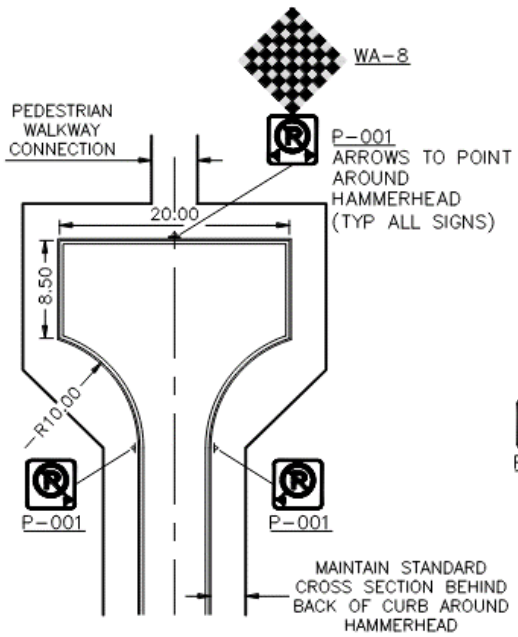
BYLAW NOTE



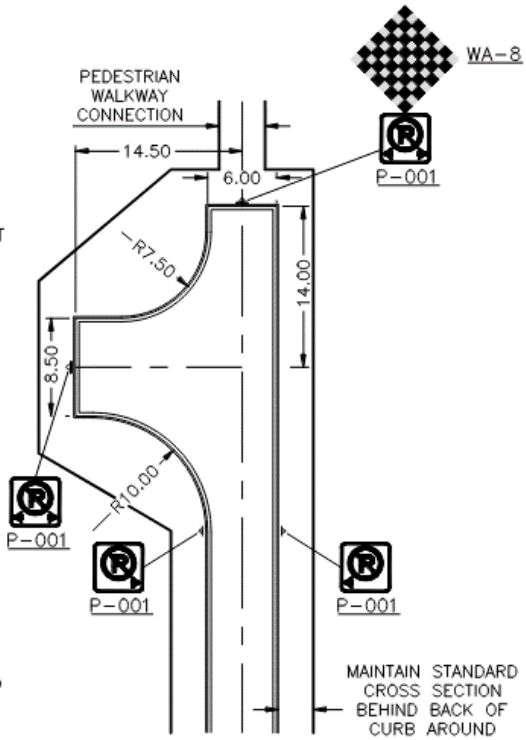
CLASS	R1 (MIN)	R2 (MIN)
LOCAL RURAL	12.5m	15.0m
LOCAL SUBURBAN	12.5m	15.0m
LOCAL CORE AREA	12.5m	15.0m
LOCAL HILLSIDE	12.5m	15.0m
LOCAL INDUSTRIAL	15.0m	15.0m

NOTES:
1. CUL-DE-SAC TURNAROUNDS ARE ONLY IMPLEMENTED ON LOCAL STREETS.
2. CUL-DE-SAC IMPLEMENTATION TO MEET BYLAW LENGTH AND NETWORK CONNECTION REQUIREMENT.
3. NEW CUL-DE-SACS ARE NOT SUPPORTED IN URBAN CENTRES
4. NO PARKING WITHIN CUL-DE-SAC.
5. SPECIAL PROVISIONS FOR CUT AND FILL SLOPES MAY BE REQUIRED BY CITY ENGINEER.
6. CUL-DE-SAC TO HAVE MINIMUM LONGITUDINAL DRAINAGE OF 0.5%.
7. RADIUS DIMENSIONS SHOWN ARE TO FACE OF CURB (150mm FROM BACK OF CURB)
8. PAVEMENT WIDTH, SIDEWALK, AND BOULEVARD AS PER ROAD CROSS SECTION.
9. ROAD DEDICATION AS PER ROAD CROSS SECTION.

STANDARD DETAIL DRAWING	DATE: JUN 22/23	CUL-DE-SAC TURNAROUND	DWG. NO. SS-R53	City of Kelowna
	SCALE: NTS			



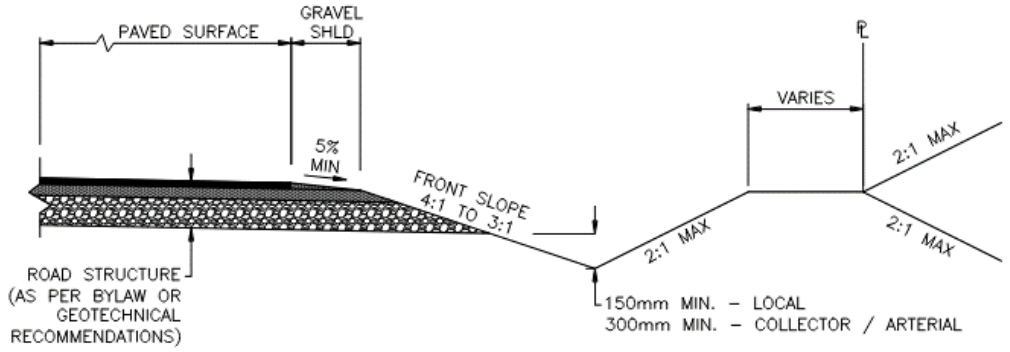
HAMMERHEAD



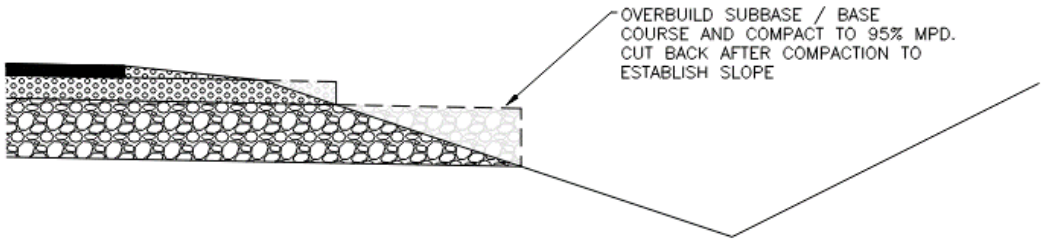
MODIFIED HAMMERHEAD

NOTES:
1. CITY PREFERENCE IS FOR CUL-DE-SAC. HAMMERHEAD TURNAROUND IS ONLY TO BE USED IN HILLSIDE ZONES UPON DEMONSTRATED NEED WHERE TOPOGRAPHICAL CONSTRAINTS ARE PRESENT AND AS APPROVED BY THE CITY ENGINEER.
2. PAVEMENT WIDTH AS PER ROAD CROSS SECTION.
3. ROAD DEDICATION AND FRONTAGE IMPROVEMENTS AS PER ROAD CROSS SECTION.
4. DIMENSIONS ARE ALL IN METRES UNLESS OTHERWISE NOTED.
5. DIMENSIONS ARE TO FACE OF CURB (150mm FROM BACK OF CURB).

STANDARD DETAIL DRAWING	DATE: JUN 22/23 SCALE: NTS	HAMMERHEAD TURNAROUND	DWG. NO. SS-R54	City of Kelowna



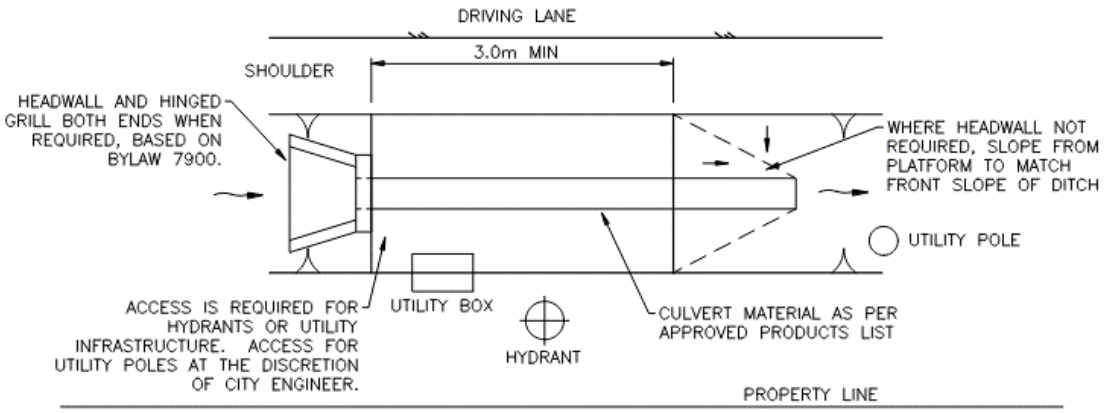
TYPICAL DITCH SECTION

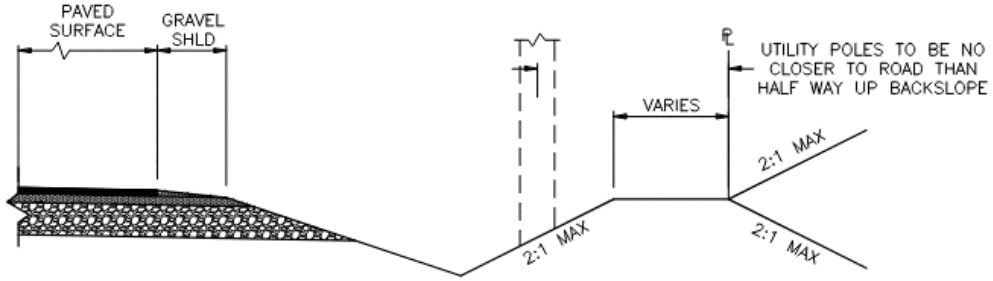


OVERBUILD DETAIL

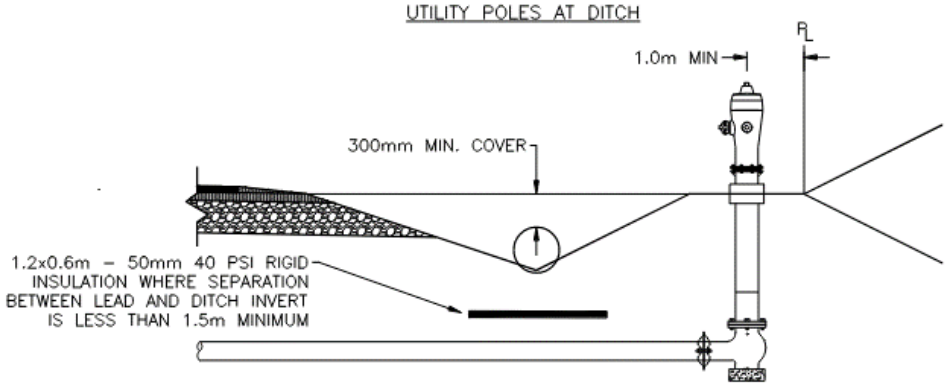
NOTES:
1. WHERE THE CROSS SLOPE IS STEEPER THAN 4:1, ENGINEERING ANALYSIS IS REQUIRED WITH CONSIDERATION OF TAC GEOMETRIC DESIGN GUIDE FOR CANADIAN ROAD CHAPTER 7 AND MOTI BC SUPPLEMENT.
2. 2:1 SLOPES CAN BE CONSIDERED ON LOW VOLUME ROAD UPON DEMONSTRATED NEED AS PER TAC CHAPTER 7, IF APPROVED BY THE CITY ENGINEER

STANDARD DETAIL DRAWING	DATE: SEPT 23/22 SCALE: NTS	STANDARD DITCH SECTION	DWG. NO. SS-R55	City of Kelowna





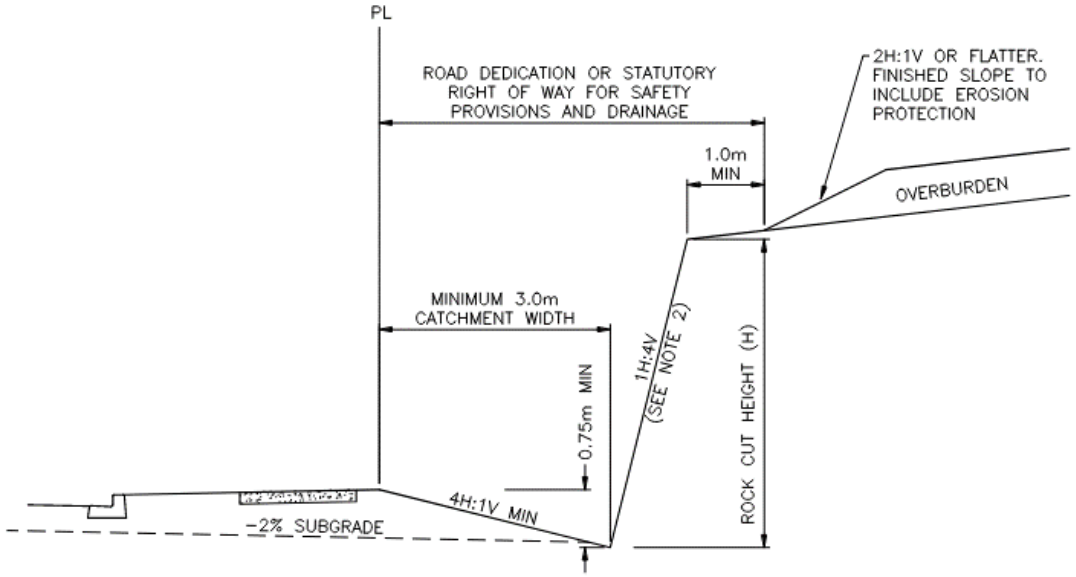
UTILITY POLES AT DITCH



HYDRANT ACCESS AT DITCH

NOTES:
1. REFER TO DRAWING SS–R55 FOR TYPICAL DITCH SECTION DETAILS.

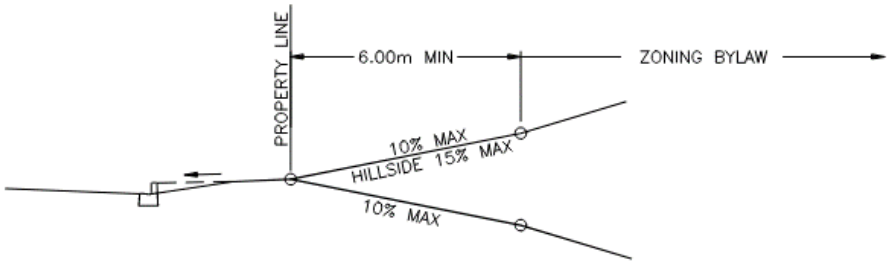
STANDARD DETAIL DRAWING	DATE: SEPT 23 /22 SCALE: NTS	UTILITY ACCESS AND LOCATION AT DITCH	DWG. NO. SS-R56	City of Kelowna



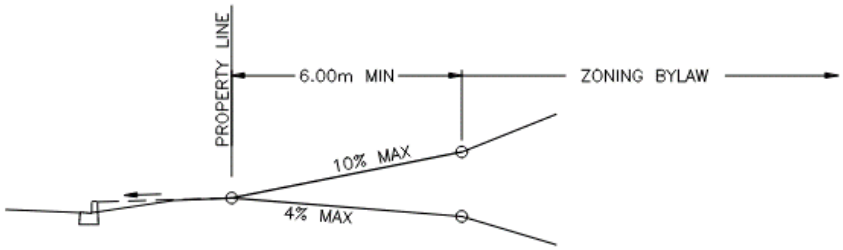
NOTES:

1. SITE SPECIFIC GEOTECHNICAL DESIGN REQUIRED FOR ALL ROCK CUT HEIGHTS GREATER THAN 4m AND WHERE GEOHAZARDS EXIST.
2. A VERTICAL BACKSLOPE MAY BE USED IF APPROVED BY THE GEOTECHNICAL DESIGN. MINIMUM CATCHMENT WIDTH WOULD THEN BE INCREASED BASED ON THE ROCK CUT HEIGHT (I.E. 3.0m + 25% OF ROCK CUT HEIGHT (H)), OR AS DIRECTED BY GEOTECHNICAL DESIGN.
3. DRAINAGE COLLECTION PROVISIONS TO BE ADDRESSED FOR CATCHMENT AREA.
4. GROUNDWATER SEEPAGE WITHIN OVERBURDEN, IF ANY, MUST BE ADDRESSED BY GEOTECHNICAL ENGINEERING DESIGN

STANDARD DETAIL DRAWING	DATE: JUN 22/23 SCALE: NTS	ROCK CUT CROSS SECTION	DWG. NO. SS-R57	City of Kelowna



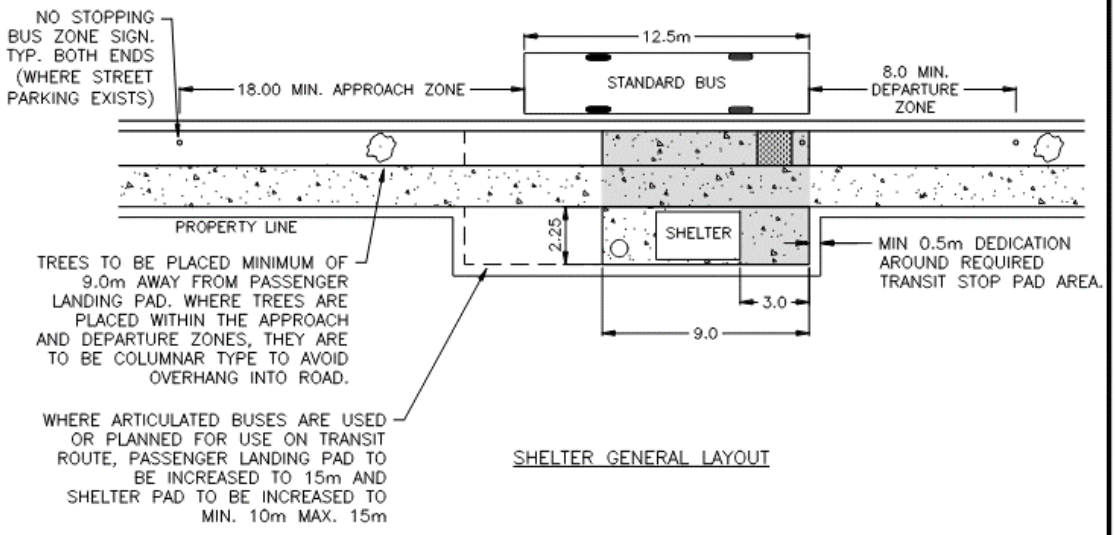
GROUND-ORIENTED
INFILL HOUSING / SINGLE & TWO DWELLING



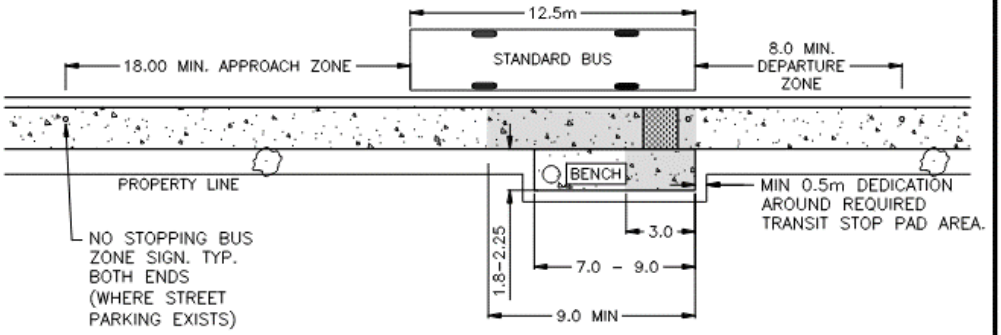
COMMERCIAL / MULTI-DWELLING

NOTES:
1. MAXIMUM GRADE CHANGE AT ANY TRANSITION POINT 12% OR AS PER K-VALUE IN TABLE 4.4.1 SCHEDULE 4 SECTION 4.

STANDARD DETAIL DRAWING	DATE: SEPT 23 /22 SCALE: NTS	DRIVEWAY GRADES	DWG. NO. SS-R58	City of Kelowna



SHELTER GENERAL LAYOUT



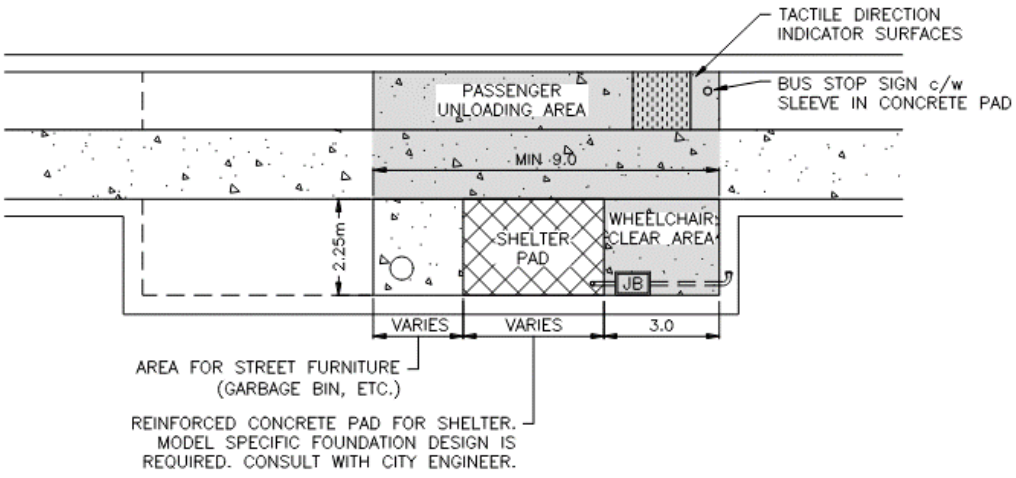
BENCH GENERAL LAYOUT

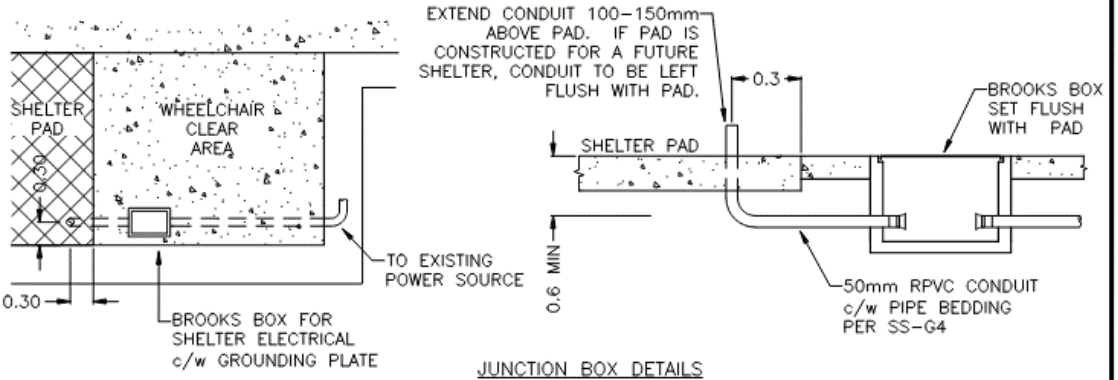
NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
2. THIS DRAWING IS INTENDED TO BE USED AS A GENERAL DESIGN GUIDANCE, SITE SPECIFIC DESIGN IS REQUIRED.
3. REFER TO ADDITIONAL DETAILS AND INFORMATION IN THE BC TRANSIT INFRASTRUCTURE DESIGN SUMMARY AND CONSULT CITY ENGINEER.
4. BOULEVARD AND SIDEWALK AS PER STANDARD CROSS SECTIONS.
5. IN RURAL AREAS, AS REQUIRED BY CITY ENGINEER, STOP REQUIREMENTS AS PER BC TRANSIT GUIDANCE FOR RURAL BUS STOP PADS.
6. ON ARTERIAL AND COLLECTOR ROADS WHERE BOULEVARD IS >3.5m, SHELTER PAD COULD BE ACCOMMODATED IN BOULEVARD IF IT DOES NOT BLOCK PEDESTRIAN FACILITY
7. IF NO SHELTER AND BENCH WARRANTED AS PER TABLE 4.13.2 SCHEDULE 4 SECTION 4, CONSTRUCT STOP AS PER GENERAL BENCH LAYOUT WITHOUT BENCH.

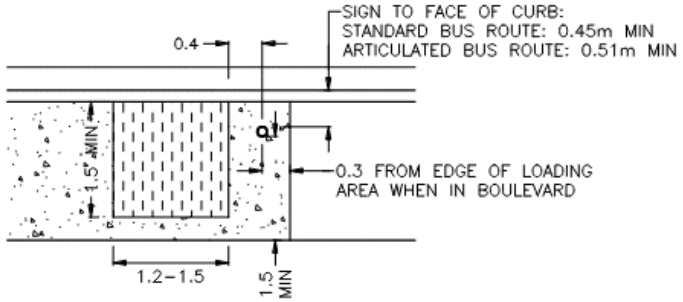
CLEAR ZONE FREE OF OBSTRUCTIONS

STANDARD DETAIL DRAWING	DATE: SEPT 23/22	URBAN TRANSIT STOP LAYOUT	DWG. NO. SS-R59	City of Kelowna
	SCALE: NTS			





JUNCTION BOX DETAILS

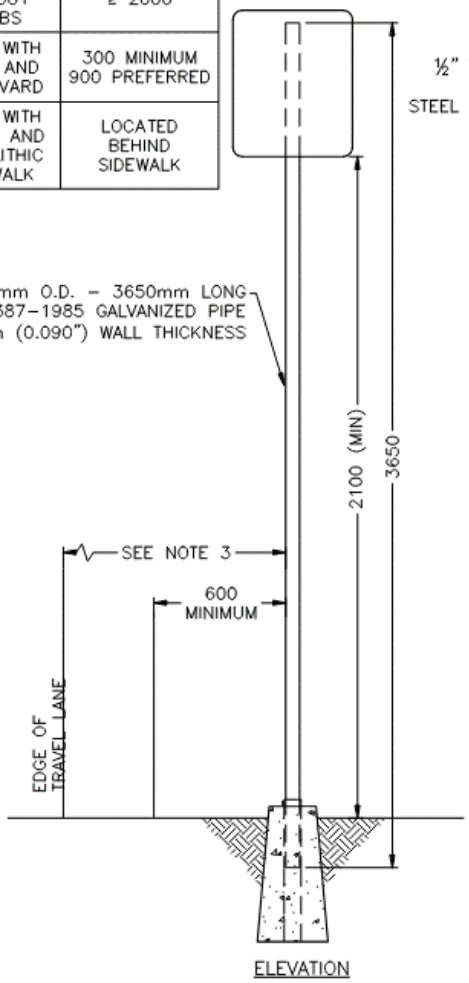


TACTILE SURFACE INDICATOR/TRANSIT SIGN LOCATION

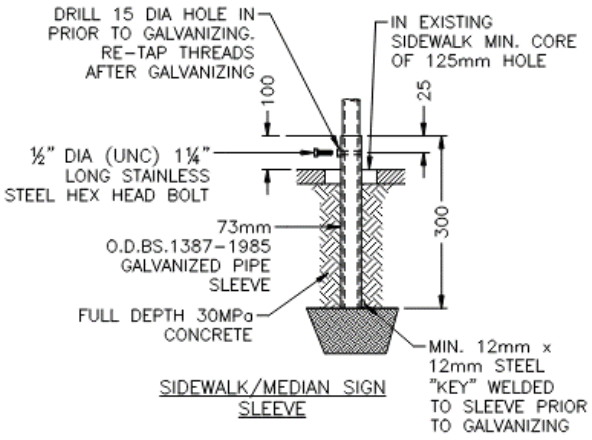
NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
2. THIS DRAWING IS INTENDED TO BE USED AS A GENERAL DESIGN GUIDANCE, SITE SPECIFIC DESIGN IS REQUIRED.

STANDARD DETAIL DRAWING	DATE: SEPT 23/22 SCALE: NTS	URBAN TRANSIT STOP SHELTER PAD DETAILS	DWG. NO. SS-R60	City of Kelowna

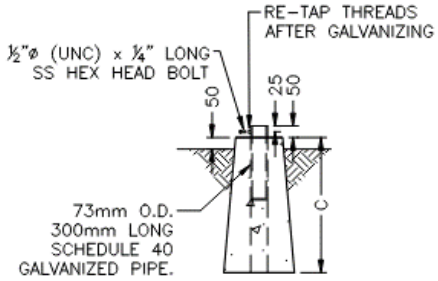
HORIZONTAL CLEARANCE TO SIGN	
	X mm
ROAD WITHOUT CURBS	≥ 2000
ROAD WITH CURB AND BOULEVARD	300 MINIMUM 900 PREFERRED
ROAD WITH CURBS AND MONOLITHIC SIDEWALK	LOCATED BEHIND SIDEWALK



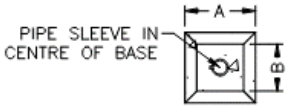
ELEVATION



SIDEWALK/MEDIAN SIGN SLEEVE



CONCRETE BASE DETAILS

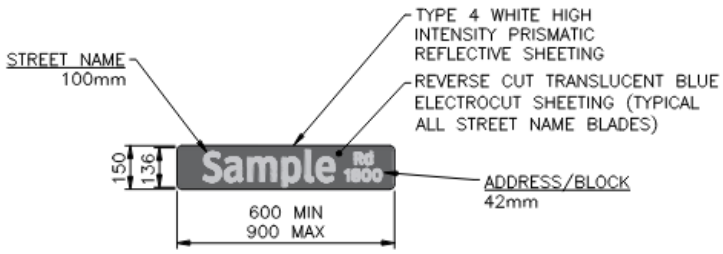


TOP VIEW

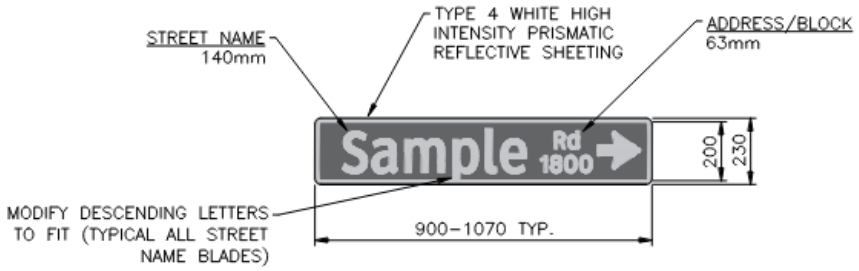
NOTES:
1. DETAIL IS FOR SINGLE POST SIGNS.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. HORIZONTAL CLEARANCES BASED ON DESIGN SPEEDS UP TO 60 km/h AS PER SECTION 4.15 IN BYLAW 7900. FOR HIGHER SPEED ROADS REFER TO TAC TRANSPORTATION ASSOCIATION OF CANADA ROADSIDE DESIGN.
4. SIGN SLEEVE TO BE PLACED PRIOR TO SIDEWALK POUR, OR TO BE CORED IN AFTER. FOR EXISTING SIDEWALK CORE MINIMUM 125mm HOLE IN SIDEWALK, SUB–EXCAVATE AND FILL WITH CONCRETE AROUND SLEEVE.

CONCRETE BASE					
APPLICATION	A mm	B mm	C mm	APPROX. MASS	VOLUME OF CONCRETE
GRAVEL SHOULDER OR HIGHWAY	305	203	584	85 kg	0.05m³
PAVED SHOULDER OR LANDSCAPE	229	152	457	37 kg	0.02m³

STANDARD DETAIL DRAWING	DATE: SEPT 29/22	POST MOUNTED SIGN	DWG. NO. SS-R61	City of Kelowna
	SCALE: NTS			

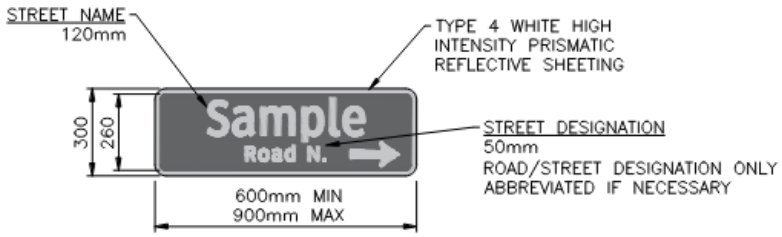


STANDARD STREET NAME BLADE

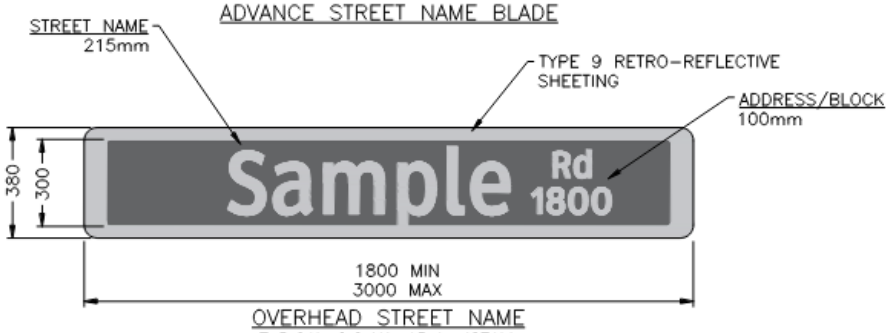


OVERSIZE STREET NAME BLADE

HIGH SPEED/VOLUME MULTI LANE ROUTES



ADVANCE STREET NAME BLADE



OVERHEAD STREET NAME

TYPICAL SIGNAL ARM INSTALL

STANDARD DETAIL DRAWING	DATE: JULY 11/22 SCALE: NTS	STREET NAME BLADE DETAILS	DWG. NO. SS-R62	City of Kelowna