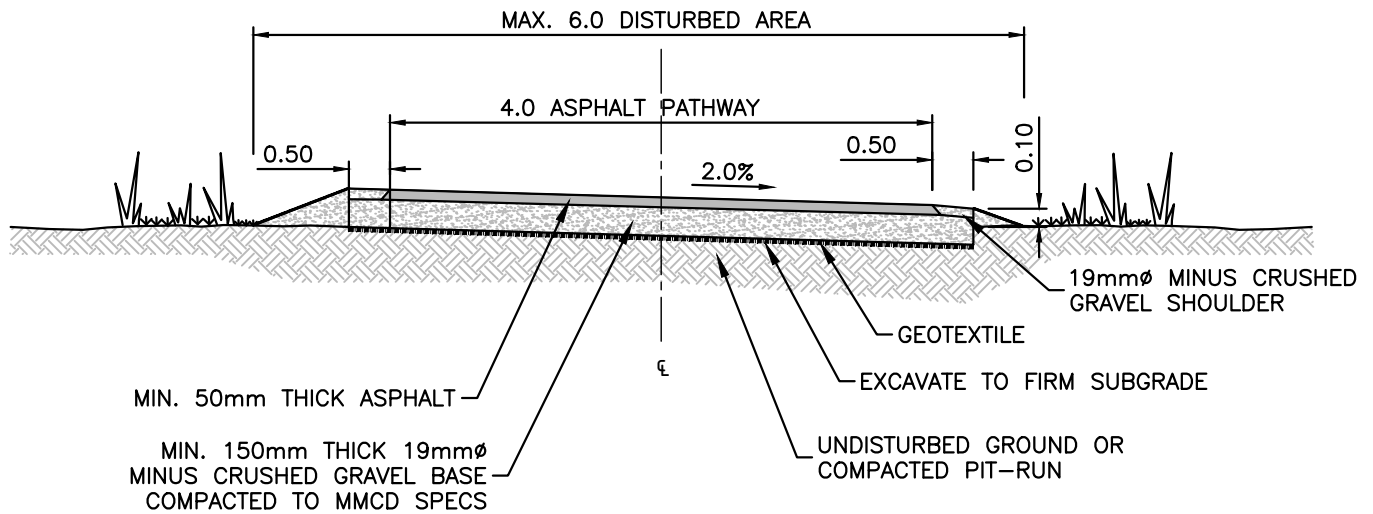


CITY OF COURTENAY
SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. GRAVEL DEPTH TO SUIT GROUND CONDITIONS.
2. 150Ø DR-28 PVC DRAIN TO BE INSTALLED WHERE REQUIRED.
3. MATERIALS AND CONSTRUCTION TO MEET CURRENT CITY OF COURTENAY SPECIFICATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR IS TO SUPPLY A "SEDIMENT & EROSION CONTROL PLAN" FOR REVIEW BY THE CITY PRIOR TO CONSTRUCTION.
5. ALL MATERIALS TO BE SUPPLIED & CONSTRUCTED AS PER THE MOST RECENT VERSION OF THE MASTER MUNICIPAL CONTRACT DOCUMENTS (MMCD).
6. WHERE PATHWAY INTERSECTS WITH CITY ROAD OR SIDEWALK, THE FIRST 5.0m IS TO BE CONSTRUCTED OF CONCRETE COMPLETE WITH REMOVABLE BOLLARD PER DETAIL CSSD C12. SEE DETAIL CSSD C10 FOR DETAILS.
7. ASPHALT PATHWAY WIDTH MAY BE REDUCED TO A MINIMUM OF 2.7m WHERE LOW USER VOLUMES ARE ANTICIPATED.
8. IF ACCESS REQUIRED BY CITY PUBLIC WORKS, PATHWAY MUST INCLUDE A MINIMUM UNOBSTRUCTED ACCESS OF 4.0m.
9. DIMENSIONS IN METERS EXCEPT AS NOTED.
10. 100mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

MARCH, 2023



ALTERNATIVE DESIGN STANDARD 1
MULTI-USE PATH

DRAWING NUMBER

CSSD A1

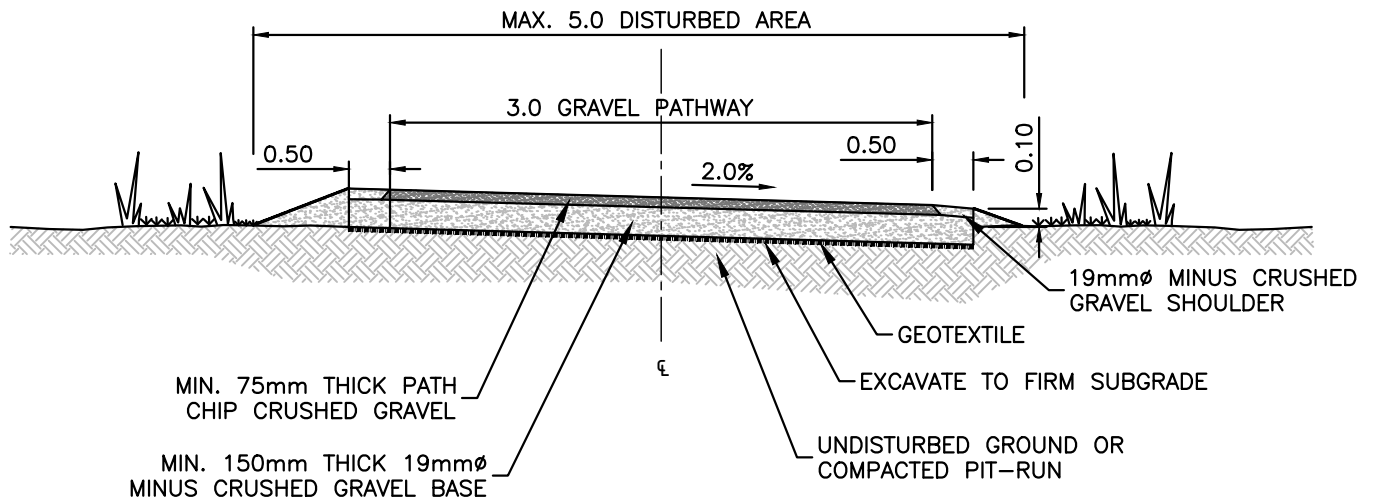
REVISION NUMBER

0

SCALE

N.T.S.

CITY OF COURTENAY
SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. GRAVEL DEPTH TO SUIT GROUND CONDITIONS.
2. 150Ø DR-28 PVC DRAIN TO BE INSTALLED WHERE REQUIRED.
3. MATERIALS AND CONSTRUCTION TO MEET CURRENT CITY OF COURTENAY SPECIFICATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR IS TO SUPPLY A "SEDIMENT & EROSION CONTROL PLAN" FOR REVIEW BY THE CITY PRIOR TO CONSTRUCTION.
5. ALL MATERIALS TO BE SUPPLIED & CONSTRUCTED AS PER THE MOST RECENT VERSION OF THE MASTER MUNICIPAL CONTRACT DOCUMENTS (MMCD).
6. WHERE PATHWAY INTERSECTS WITH CITY ROAD OR SIDEWALK, THE FIRST 5.0m IS TO BE CONSTRUCTED OF CONCRETE COMPLETE WITH REMOVABLE BOLLARD PER DETAIL CSSD C12. SEE DETAIL CSSD C10 FOR DETAILS.
7. TRAIL WIDTH MAY BE REDUCED TO 1.5m IN RIPARIAN AREAS, BUT NOT WHERE REQUIRED FOR MAINTENANCE ACCESS.
8. DIMENSIONS IN METERS EXCEPT AS NOTED.
9. 100mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

MARCH, 2023



ALTERNATIVE DESIGN STANDARD 2
GRAVEL TRAIL

DRAWING NUMBER

CSSD A2

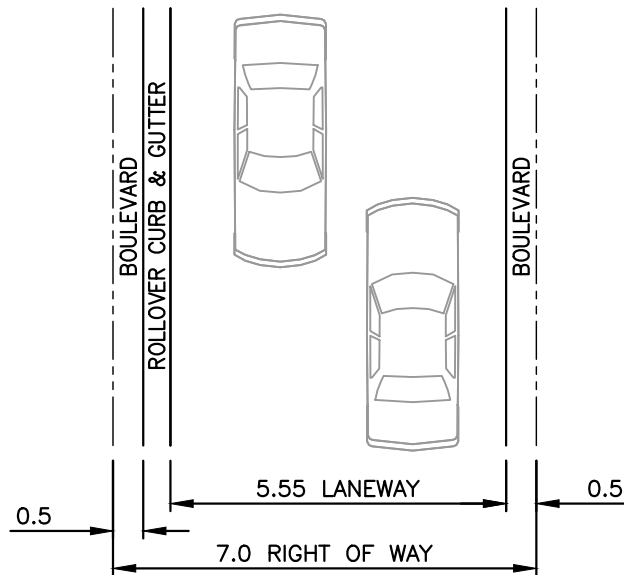
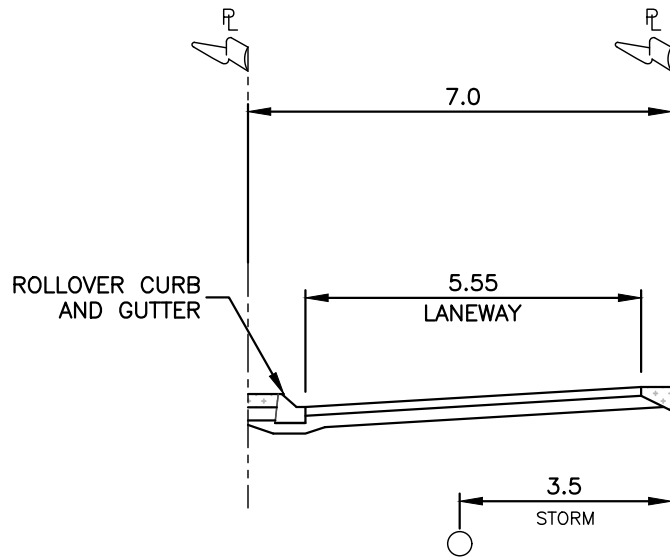
REVISION NUMBER

0

SCALE

N.T.S.

CITY OF COURTENAY
SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. DIMENSIONS IN METERS EXCEPT AS NOTED.
2. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

MARCH, 2023



ALTERNATIVE DESIGN STANDARD 3
LANE

DRAWING NUMBER

CSSD A3

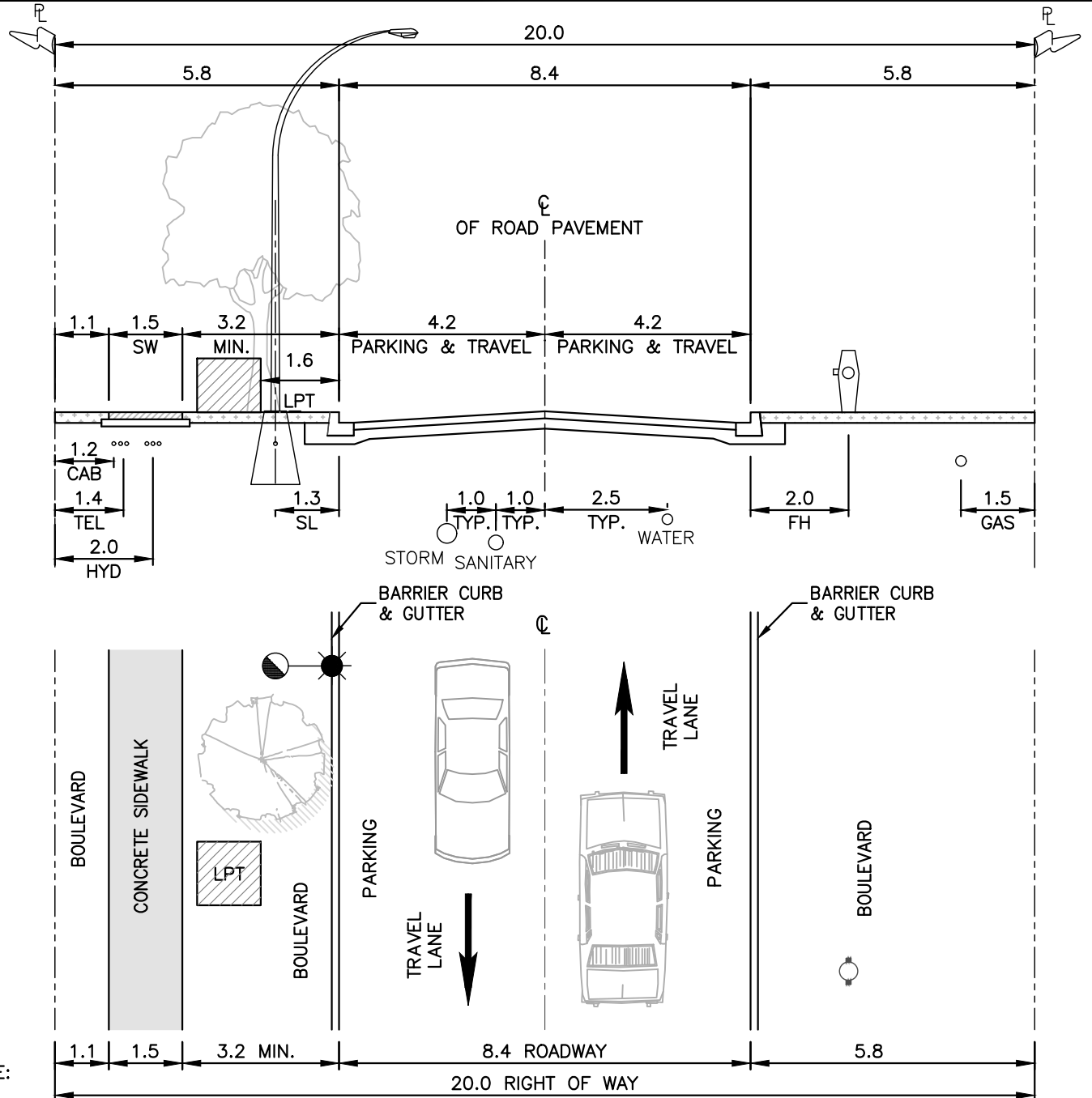
REVISION NUMBER

0

SCALE

N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. PAVEMENT MARKINGS NOT REQUIRED FOR THE CENTRE LINES, INTERSECTION APPROACHES AND FOG LINES.
2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
3. THE STRUCTURAL ROAD ELEMENTS SHOWN ARE MINIMUM REQUIREMENTS. ROAD STRUCTURE TO BE DESIGNED BASED ON SITE CONDITIONS BY A QUALIFIED GEOTECHNICAL ENGINEER.
4. SIDEWALK TO BE LOCATED ON NORTH OR WEST SIDE OF ROAD.
5. HYDRO SERVICE BOX TO INCLUDE A STORM SEWER SERVICE CONNECTION AS PER CSSD S8. INSPECTION CHAMBER TO BE LOCATED 300mm FROM SERVICE BOX.
6. TREES TO BE CENTRED IN BOULEVARDS.
7. DIMENSIONS IN METERS EXCEPT AS NOTED.
8. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

MARCH, 2023



LOCAL ROAD SECTION

DRAWING NUMBER

CSSD L1

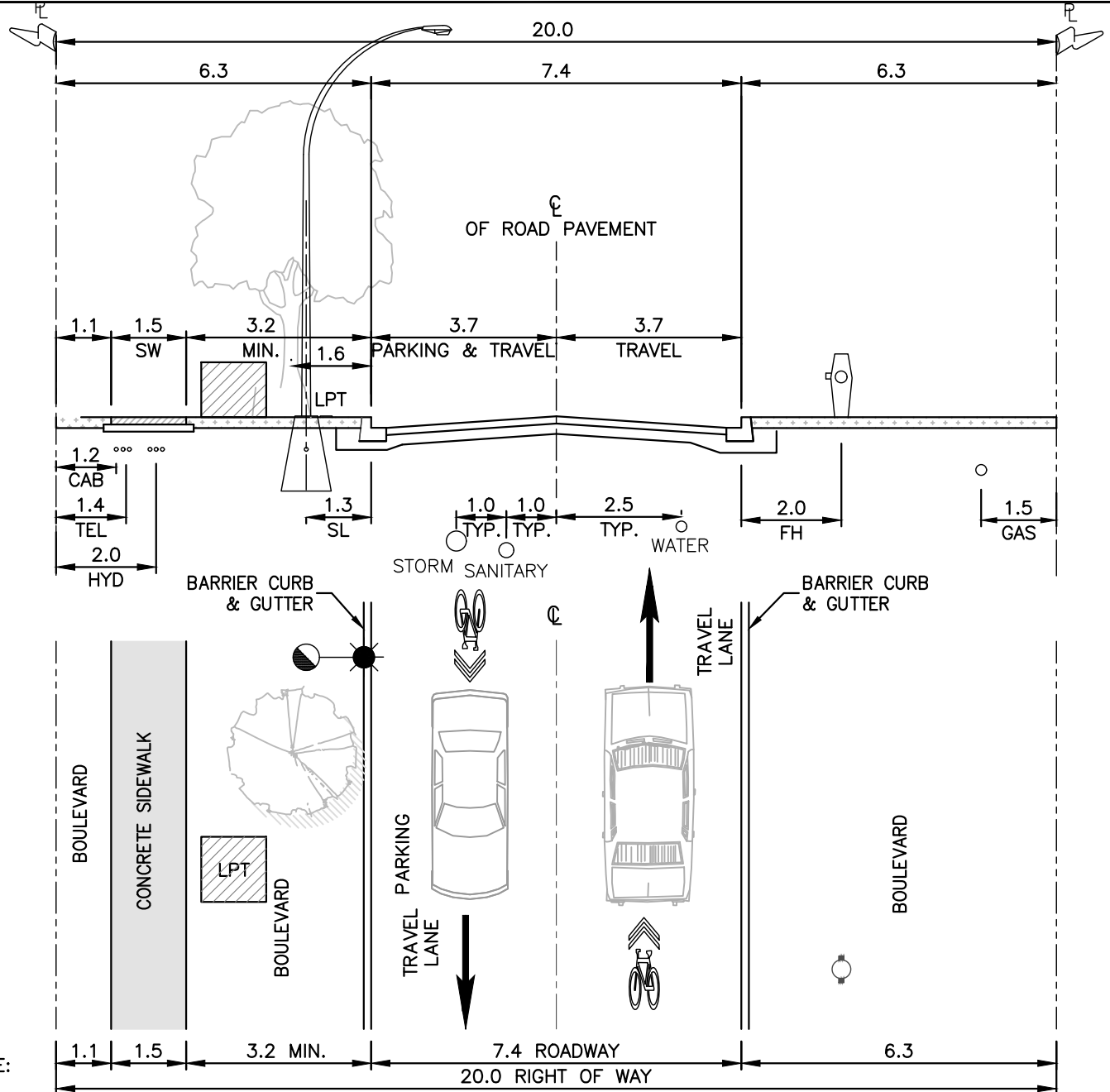
REVISION NUMBER

0

SCALE

N.T.S.

CITY OF COURTENAY
SUPPLEMENTARY STANDARD DETAIL DRAWING



- NOTE:
1. PAVEMENT MARKINGS NOT REQUIRED FOR THE CENTRE LINES, INTERSECTION APPROACHES AND FOG LINES.
 2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
 3. THE STRUCTURAL ROAD ELEMENTS SHOWN ARE MINIMUM REQUIREMENTS. ROAD STRUCTURE TO BE DESIGNED BASED ON SITE CONDITIONS BY A QUALIFIED GEOTECHNICAL ENGINEER.
 4. SIDEWALK TO BE LOCATED ON NORTH OR WEST SIDE OF ROAD.
 5. HYDRO SERVICE BOX TO INCLUDE A STORM SEWER SERVICE CONNECTION AS PER CSSD S8. INSPECTION CHAMBER TO BE LOCATED 300mm FROM SERVICE BOX.
 6. TREES TO BE CENTRED IN BOULEVARDS.
 7. ON-STREET PARKING MAY VARY FROM ONE SIDE TO THE OTHER, BUT MAY NOT BE PROVIDED ON BOTH SIDES.
 8. DIMENSIONS IN METERS EXCEPT AS NOTED.
 9. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

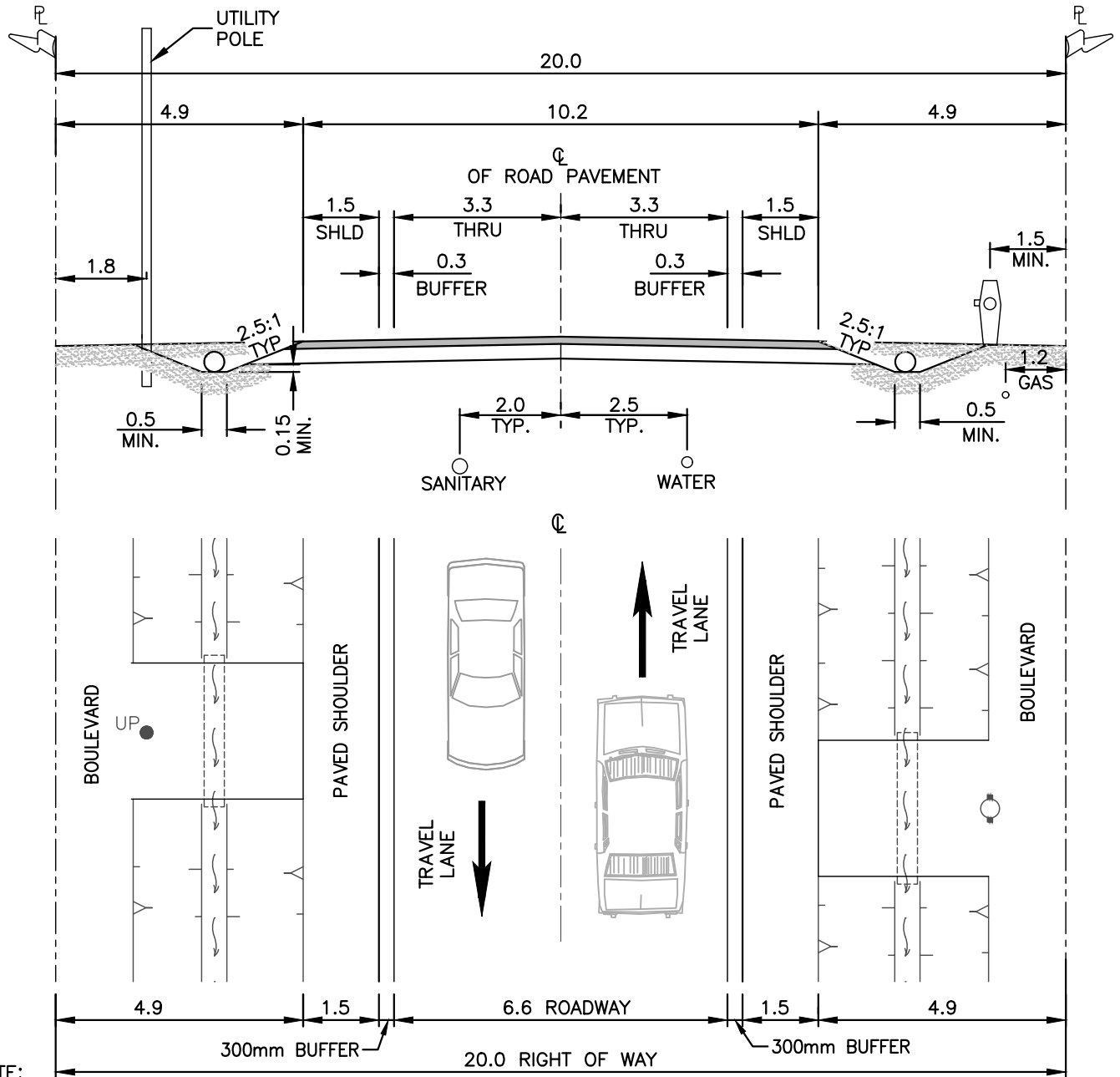
MARCH, 2023



LOCAL ROAD SECTION
URBAN – NEIGHBOURHOOD BIKEWAY

DRAWING NUMBER	CSSD L2
REVISION NUMBER	0
SCALE	N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. DESIGNATED BIKE ROUTE TO HAVE 1.5m PAVED AND 0.5m GRAVEL SHOULDER ON BOTH SIDES.
2. PAVEMENT MARKINGS TO INCLUDE: CENTRE LINE AND FOG LINES TO TAC STANDARD.
3. 3.0m LONG CULVERT CROSSING TO BE INSTALLED IN FRONT OF HYDRANT (C/W HEADWALLS), SIZED APPROPRIATELY FOR DRAINAGE FLOWS (MIN. 300mm).
4. REQUIREMENT FOR ROADSIDE BARRIER TO BE DETERMINED AS PER TAC WARRANT.
5. ADDITIONAL 0.75m ASPHALT WIDTH TO BE ADDED TO SHOULDER WIDTH IF ROADSIDE BARRIER IS REQUIRED.
6. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
7. IF UTILITY POLE LOCATED WITHIN DITCH PROFILE, 3.0m LONG CULVERT TO BE INSTALLED IN FRONT OF UTILITY POLE.
8. BUFFER PROVIDED ON BIKE ROUTES ONLY.
9. DIMENSIONS IN METERS EXCEPT AS NOTED.
10. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

MARCH, 2023



COLLECTOR ROAD SECTION RURAL

DRAWING NUMBER

CSSD CRu

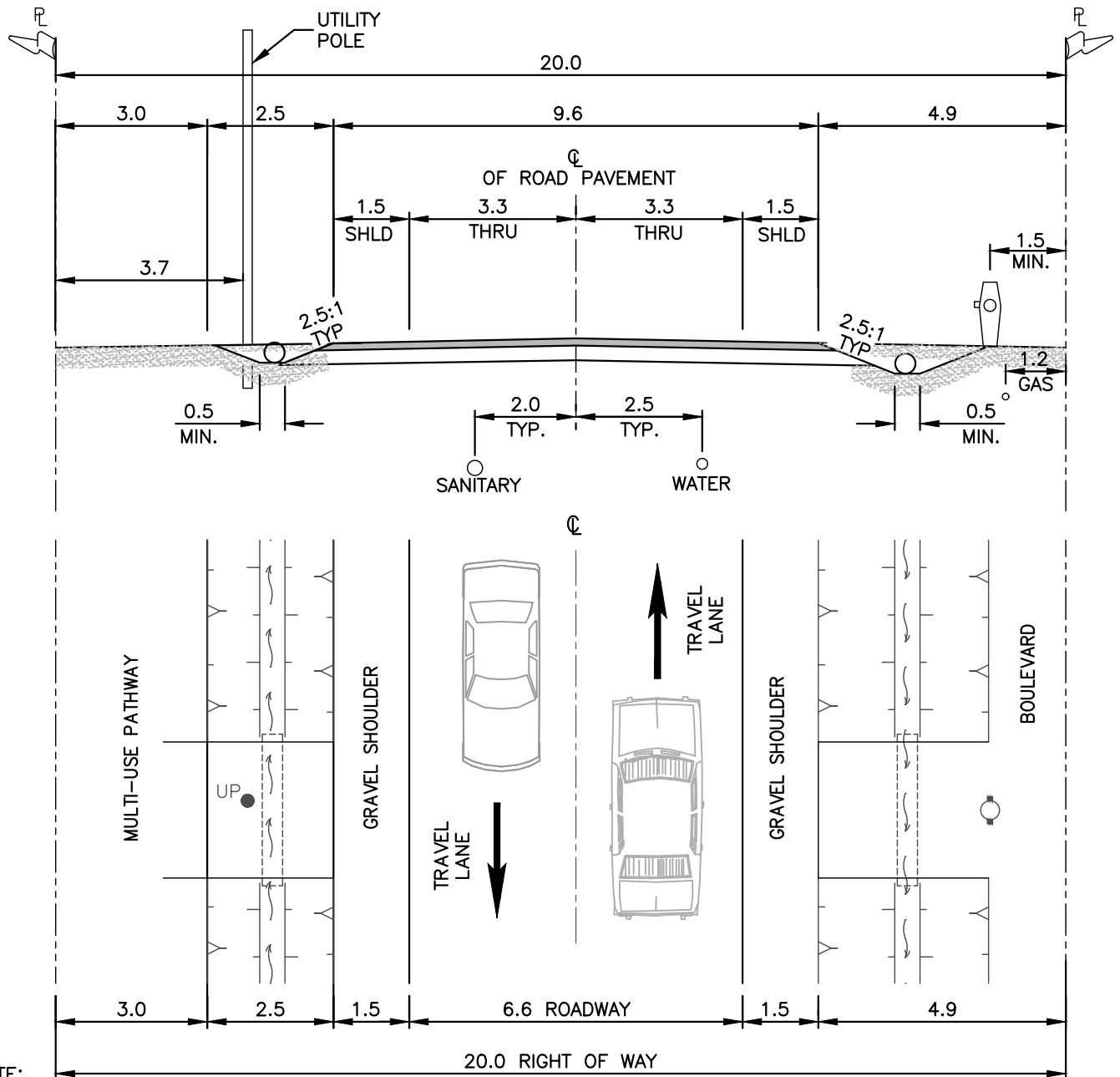
REVISION NUMBER

0

SCALE

N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. DESIGNATED BIKE ROUTE TO HAVE 1.5m PAVED AND 0.5m GRAVEL SHOULDER ON BOTH SIDES.
2. PAVEMENT MARKINGS TO INCLUDE: CENTRE LINE AND FOG LINES TO TAC STANDARD.
3. 3.0m LONG CULVERT CROSSING TO BE INSTALLED IN FRONT OF HYDRANT (C/W HEADWALLS), SIZED APPROPRIATELY FOR DRAINAGE FLOWS (MIN. 300mm).
4. REQUIREMENT FOR ROADSIDE BARRIER TO BE DETERMINED AS PER TAC WARRANT.
5. ADDITIONAL 0.75m ASPHALT WIDTH TO BE ADDED TO SHOULDER WIDTH IF ROADSIDE BARRIER IS REQUIRED.
6. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
7. IF UTILITY POLE LOCATED WITHIN DITCH PROFILE, 3.0m LONG CULVERT TO BE INSTALLED IN FRONT OF UTILITY POLE.
8. DIMENSIONS IN METERS EXCEPT AS NOTED.
9. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

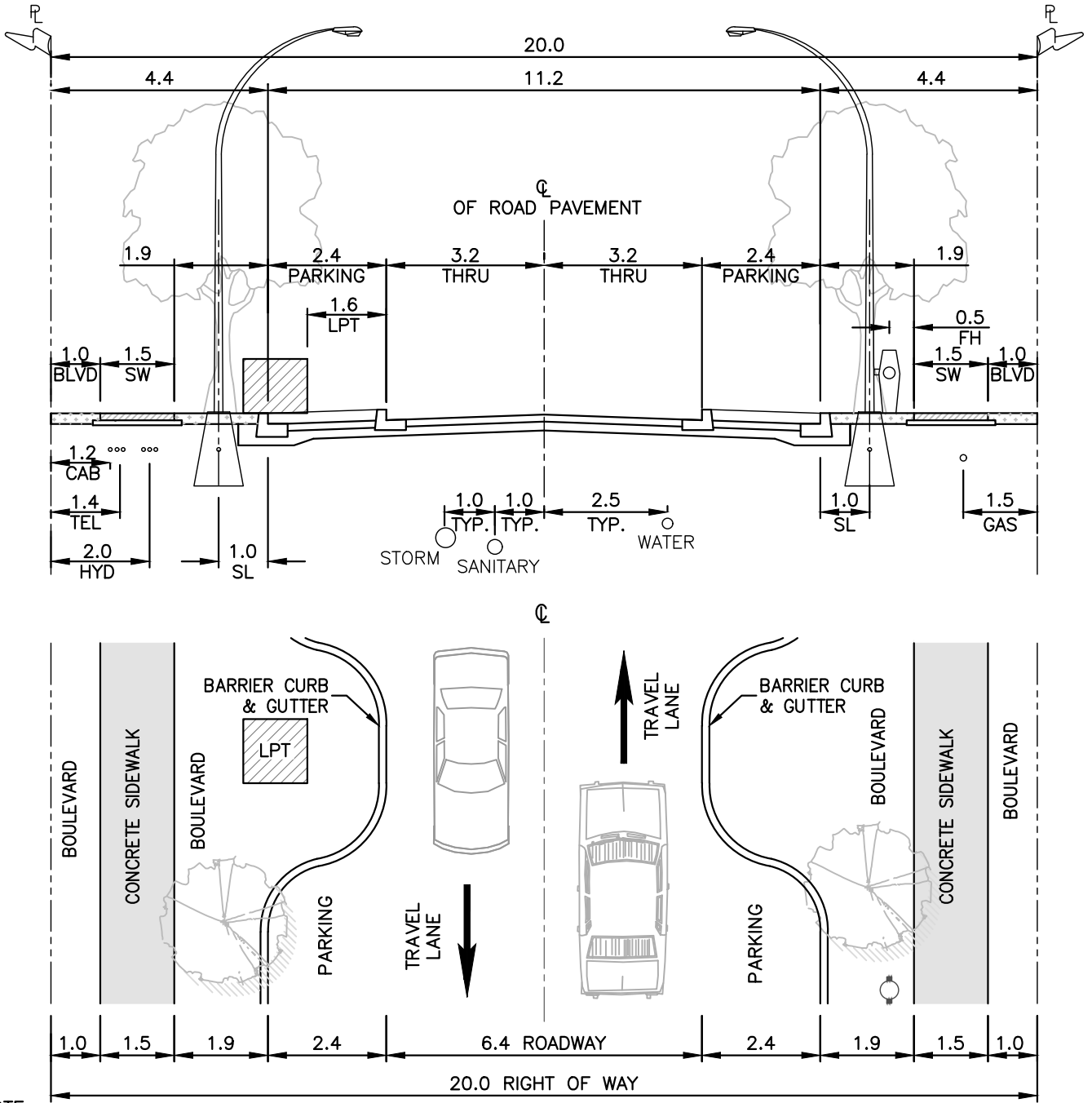
MARCH, 2023



COLLECTOR ROAD SECTION RURAL - MULTI-USE PATHWAY

DRAWING NUMBER	CSSD CRUP
REVISION NUMBER	0
SCALE	N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. PAVEMENT MARKINGS TO CENTRELINE AND TRANSVERSE ROAD MARKINGS TO TAC STANDARDS.
2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
3. BULB OUTS TO BE LOCATED AT LPTS, CROSSWALKS AND INTERSECTIONS TO DELINEATE PARKING POCKETS.
4. HYDRO SERVICE BOX TO INCLUDE A STORM SEWER SERVICE CONNECTION AS PER CSSD S8. INSPECTION CHAMBER TO BE LOCATED 300mm FROM SERVICE BOX.
5. TREES TO BE CENTRED IN BOULEVARDS.
6. DIMENSIONS IN METERS EXCEPT AS NOTED.
7. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

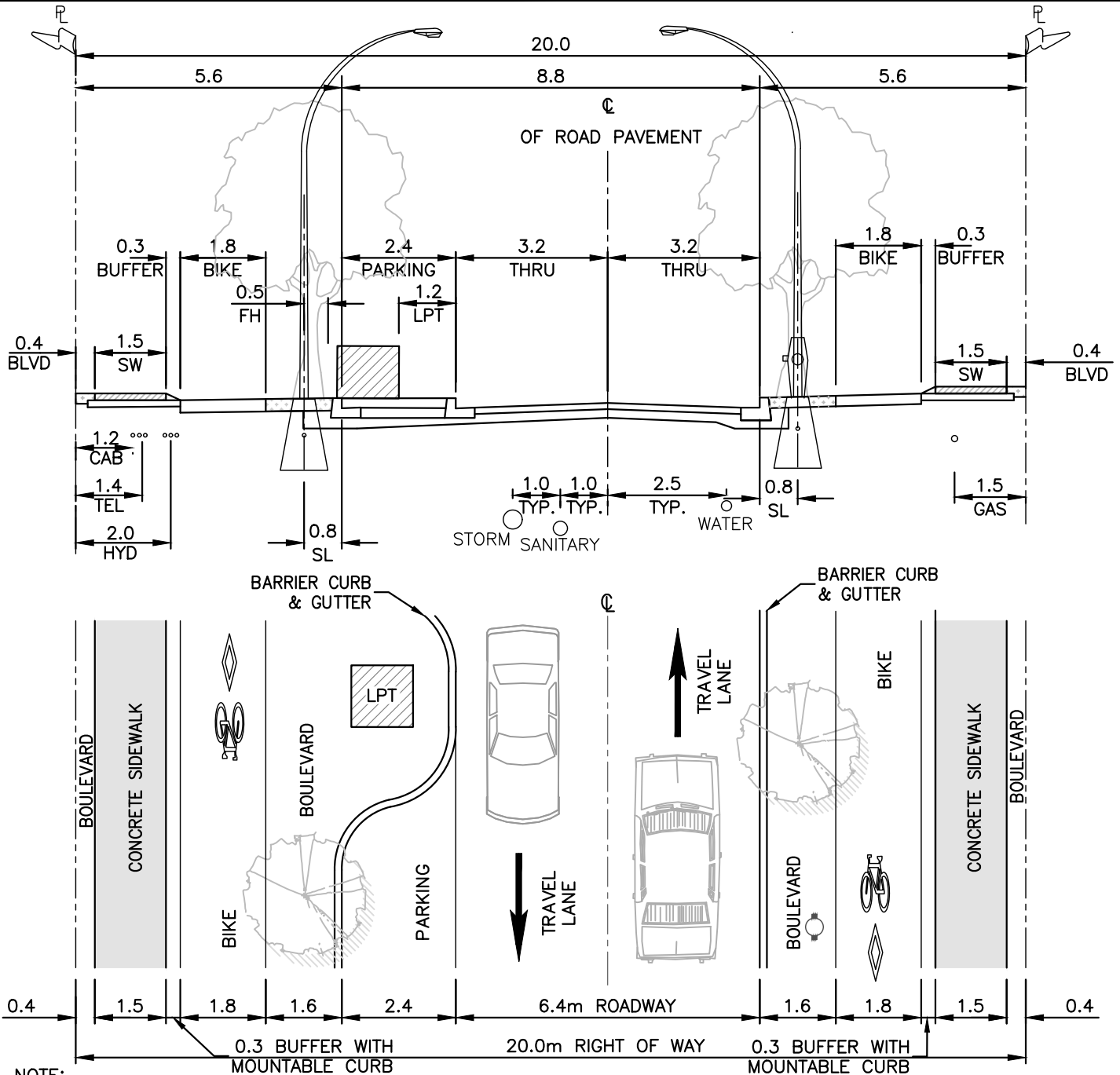
MARCH, 2023



COLLECTOR ROAD SECTION RESIDENTIAL

DRAWING NUMBER	CSSD CRe
REVISION NUMBER	0
SCALE	N.T.S.

**CITY OF COURTENAY
SUPPLEMENTARY STANDARD DETAIL DRAWING**



NOTE:

1. PAVEMENT MARKINGS TO INCLUDE: CENTRE LINE, LANE LINES, BIKE LANES, AND TRANSVERSE ROAD MARKINGS TO TAC
2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
3. BULB OUTS TO BE LOCATED AT LPTS, CROSSWALKS AND INTERSECTIONS TO DELINEATE PARKING POCKET.
4. HYDRO SERVICE BOX TO INCLUDE A STORM SEWER SERVICE CONNECTION AS PER CSSD S8. INSPECTION CHAMBER TO LOCATED 300mm FROM SERVICE BOX.
5. TREES TO BE CENTRED IN BOULEVARDS.
6. DIMENSIONS IN METERS EXCEPT AS NOTED.
7. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

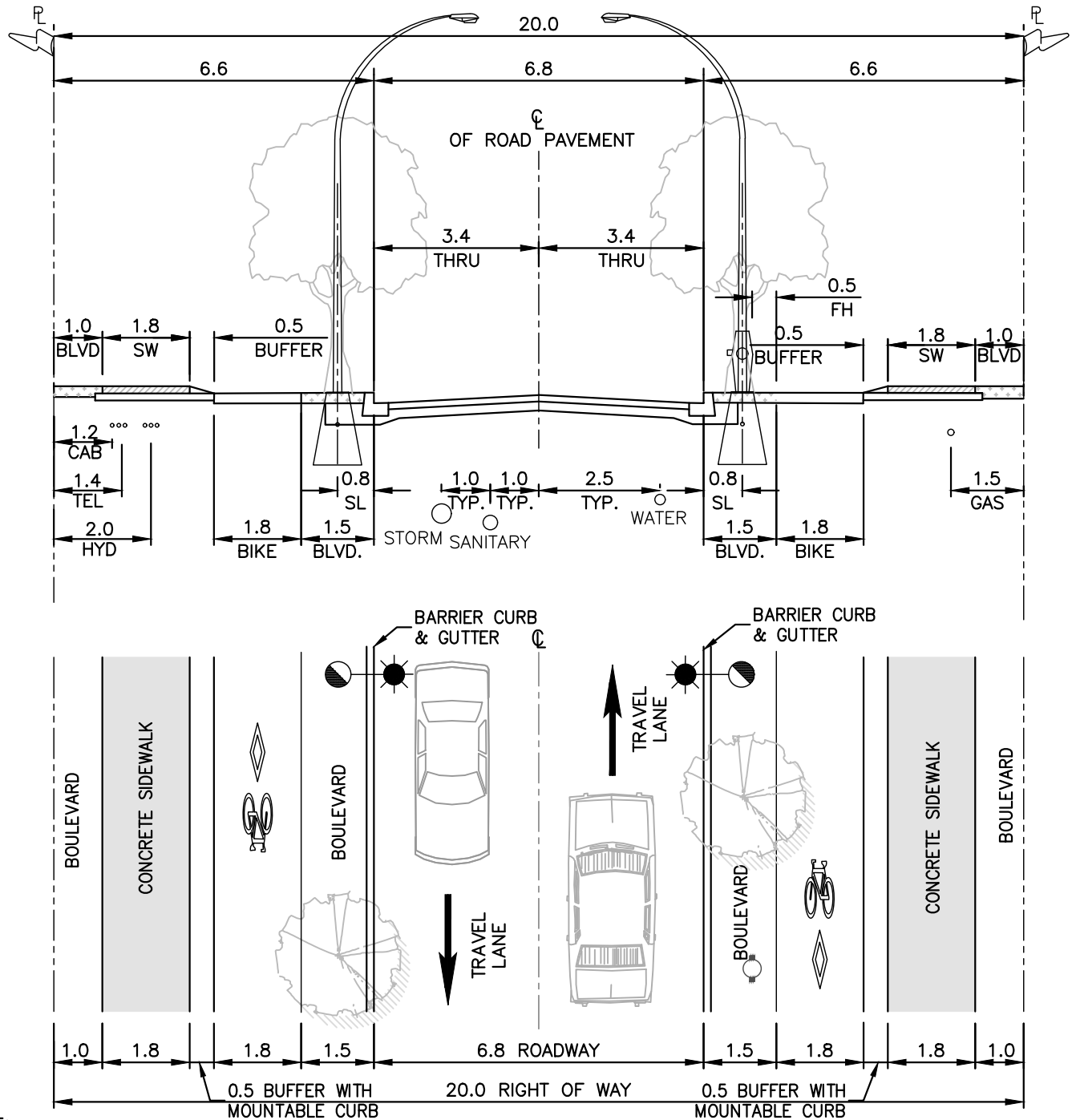
MARCH, 2023



**COLLECTOR ROAD SECTION
RESIDENTIAL – BIKE AND PARKING (ONE SIDE)**

DRAWING NUMBER	CSSD CRC
REVISION NUMBER	0
SCALE	N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. PAVEMENT MARKINGS TO INCLUDE: CENTRE LINE, BIKE LANES AND TRANSVERSE ROAD MARKINGS TO TAC STANDARD.
2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
3. THIS ROAD SECTION ASSUMES NO HYDRO LOADS OR LPT.
4. TREES TO BE CENTRED IN BOULEVARDS.
5. DIMENSIONS IN METERS EXCEPT AS NOTED.
6. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

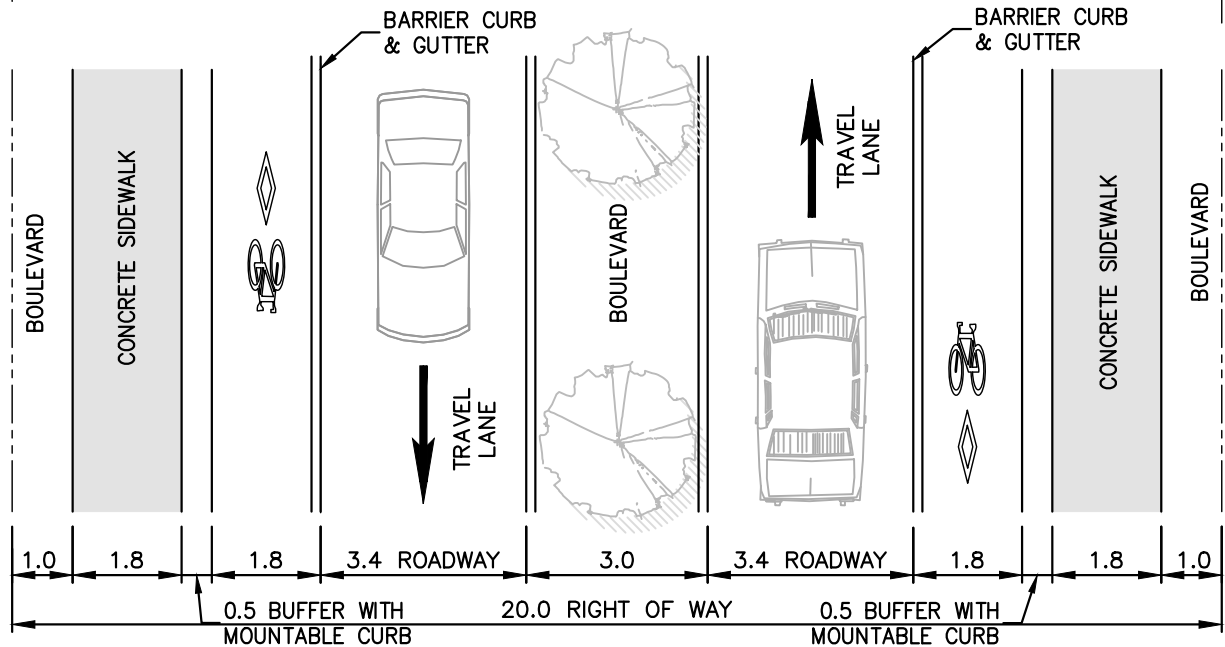
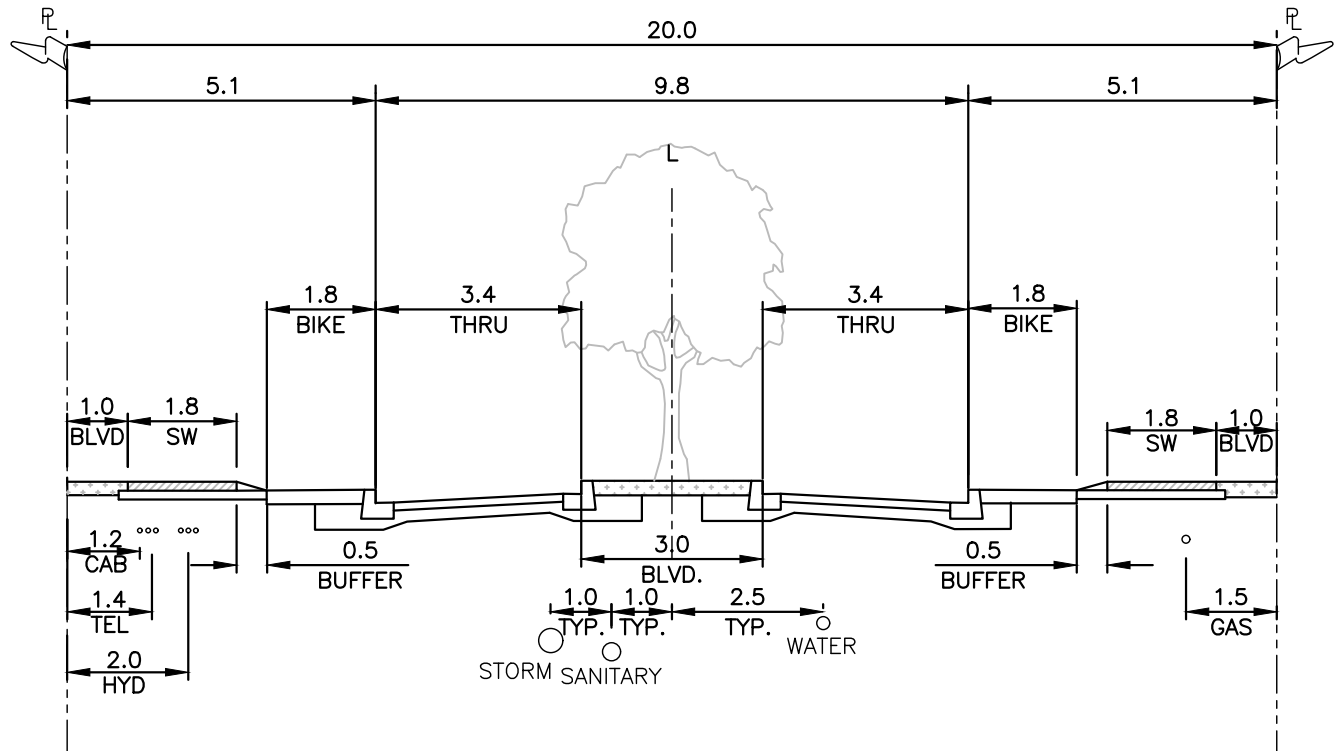
MARCH, 2023



COLLECTOR ROAD SECTION URBAN - B

DRAWING NUMBER	CSSD CUB
REVISION NUMBER	0
SCALE	N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. PAVEMENT MARKINGS TO INCLUDE: CENTER LINE, BIKE LANES AND TRANSVERSE ROAD MARKINGS TO TAC STANDARD.
2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
3. THIS ROAD SECTION ASSUMES NO HYDRO LOADS OR LPT.
4. TREES TO BE CENTERED IN BOULEVARDS.
5. THIS CROSS-SECTION IS FOR USE WHEN TRANSITIONING BETWEEN ARTERIAL/COLLECTOR ROADS AND LOCAL ROADS.
6. DIMENSIONS IN METERS EXCEPT AS NOTED.
7. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

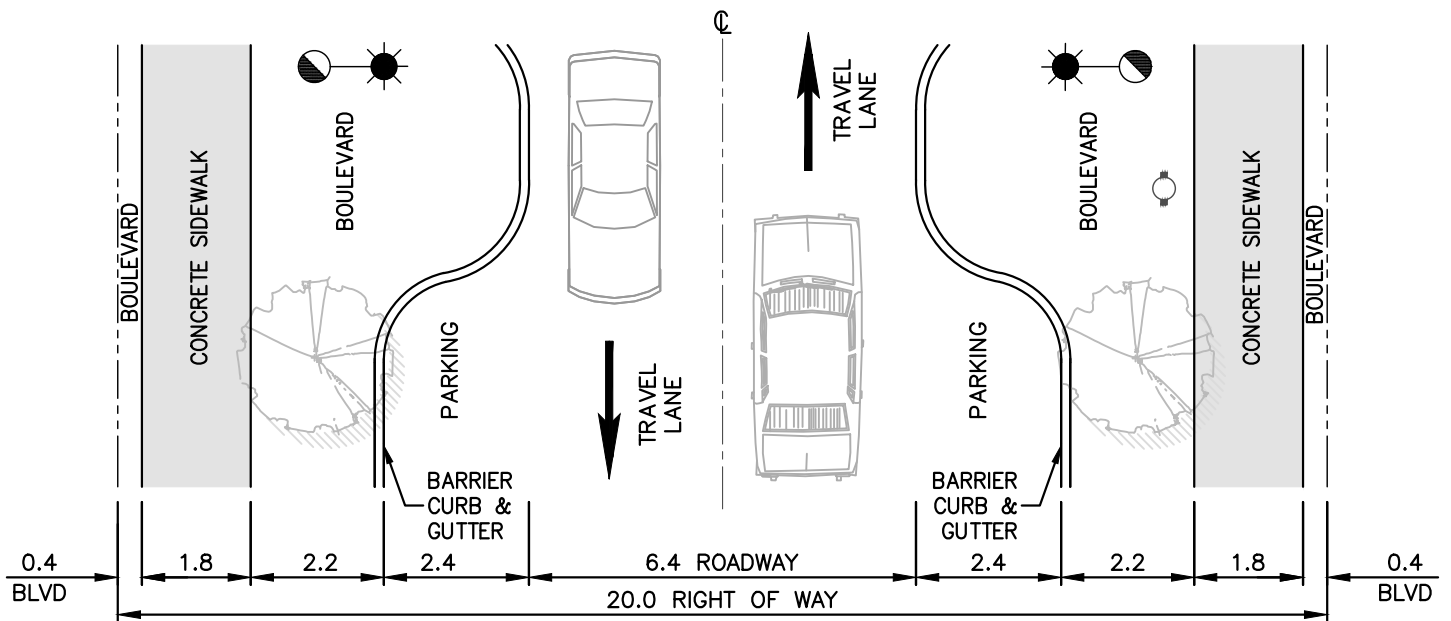
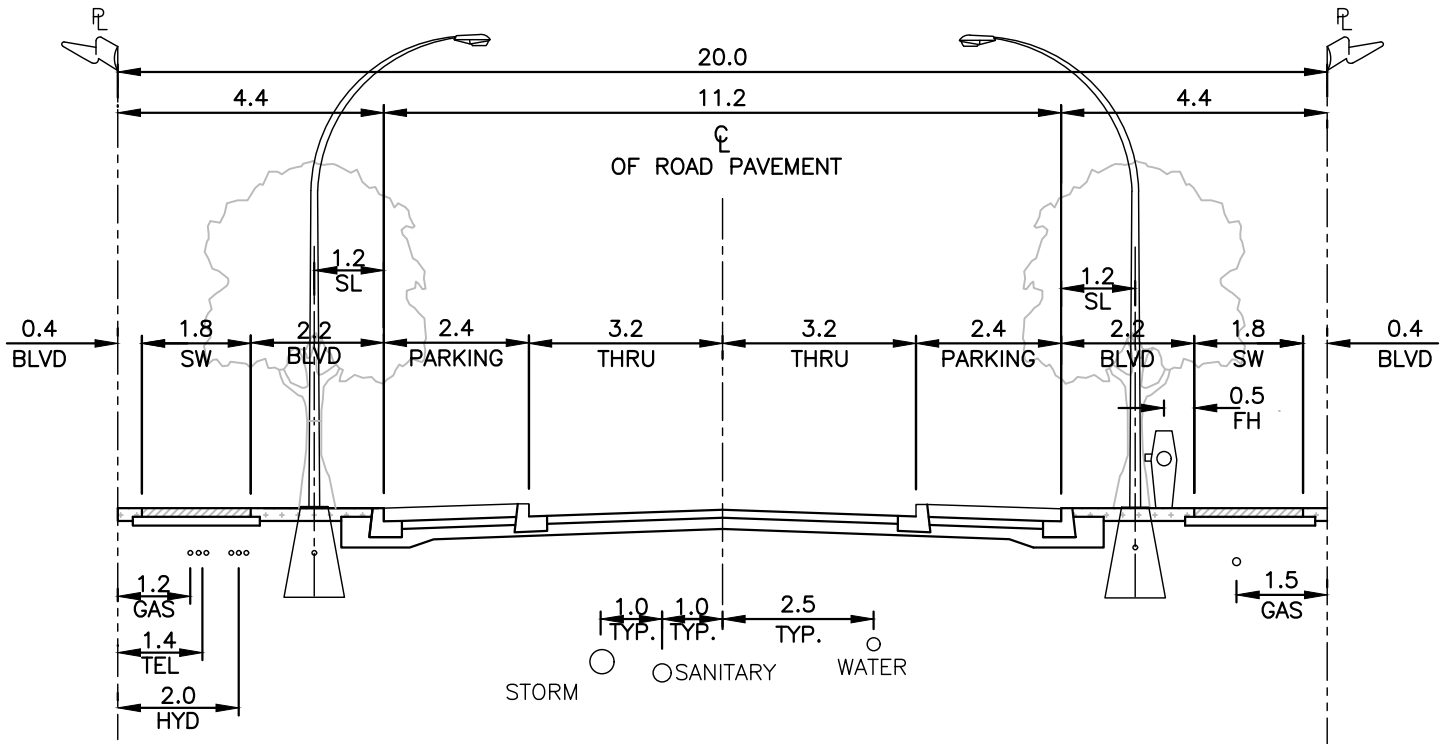
MARCH, 2023



COLLECTOR ROAD SECTION URBAN – ENTRY

DRAWING NUMBER	CSSD CUE
REVISION NUMBER	0
SCALE	N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. PAVEMENT MARKINGS TO INCLUDE: CENTRE LINE AND TRANSVERSE LANE MARKINGS TO TAC STANDARD.
2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
3. THIS ROAD SECTION ASSUMES NO HYDRO LOADS OR LPT.
4. BULB OUTS TO BE LOCATED AT INTERSECTIONS.
5. TREES TO BE CENTRED IN BOULEVARDS.
6. DIMENSIONS IN METERS EXCEPT AS NOTED.
7. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

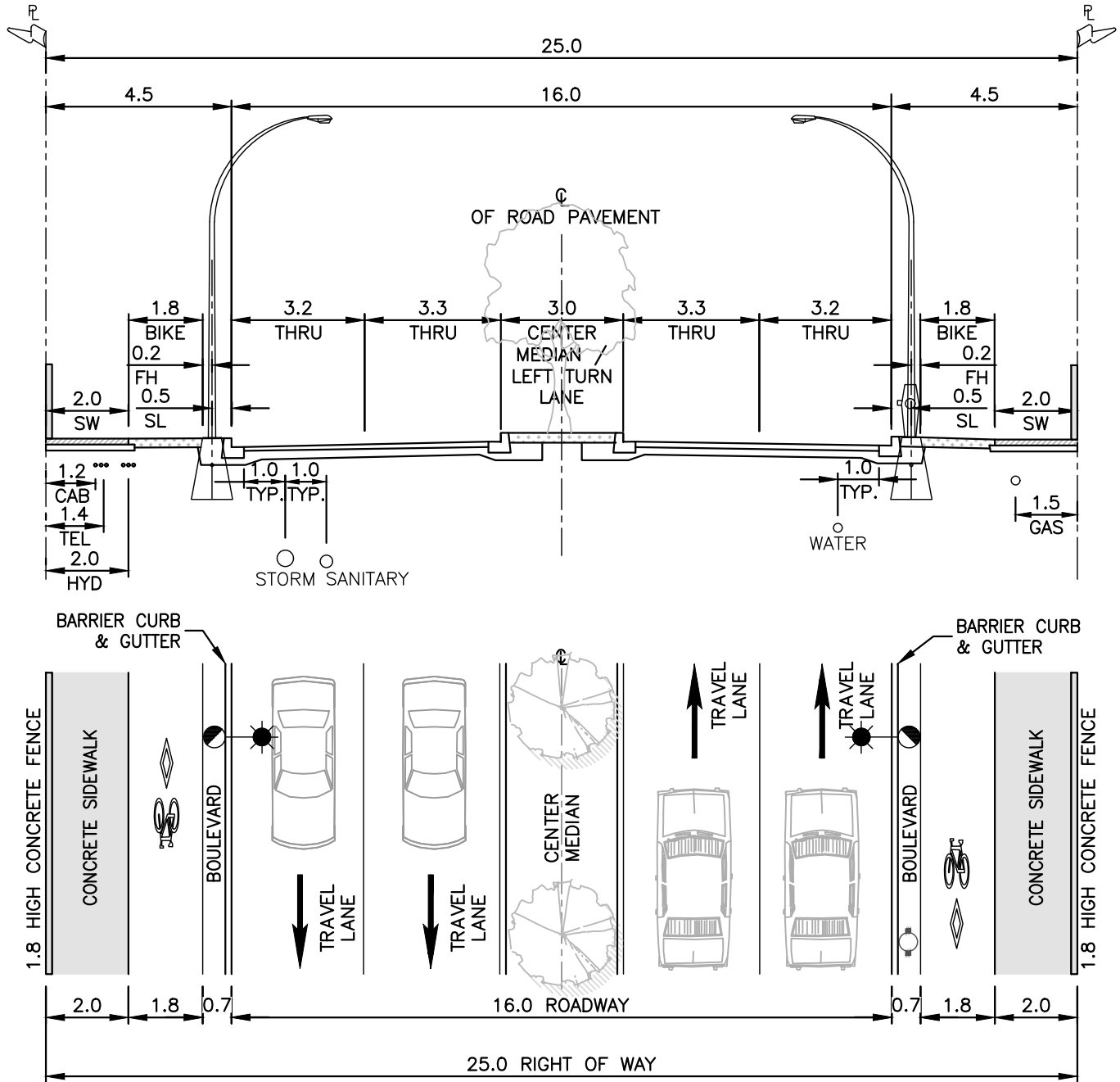
MARCH, 2023



COLLECTOR ROAD SECTION URBAN - P

DRAWING NUMBER	CSSD CUP
REVISION NUMBER	0
SCALE	N.T.S.

CITY OF COURTENAY SUPPLEMENTARY STANDARD DETAIL DRAWING



NOTE:

1. PAVEMENT MARKINGS TO INCLUDE: CENTER LINE, THRU LANES, BIKE LANES AND TRANSVERSE ROAD MARKINGS TO TAC STANDARD.
2. 3rd PARTY UTILITY DESIGN TO BE PROVIDED BY THE RESPECTIVE UTILITIES.
3. HYDRO SERVICE BOX TO INCLUDE A STORM SEWER SERVICE CONNECTION AS PER CSSD S8. INSPECTION CHAMBER TO BE LOCATED 300mm FROM SERVICE BOX.
4. DIMENSIONS IN METERS EXCEPT AS NOTED.
5. 300mm TOPSOIL AND SEED, SOD OR MATERIAL APPROVED BY THE CITY (TYP.)

MARCH, 2023



ARTERIAL ROAD SECTION B

DRAWING NUMBER	CSSD AB
REVISION NUMBER	0
SCALE	N.T.S.