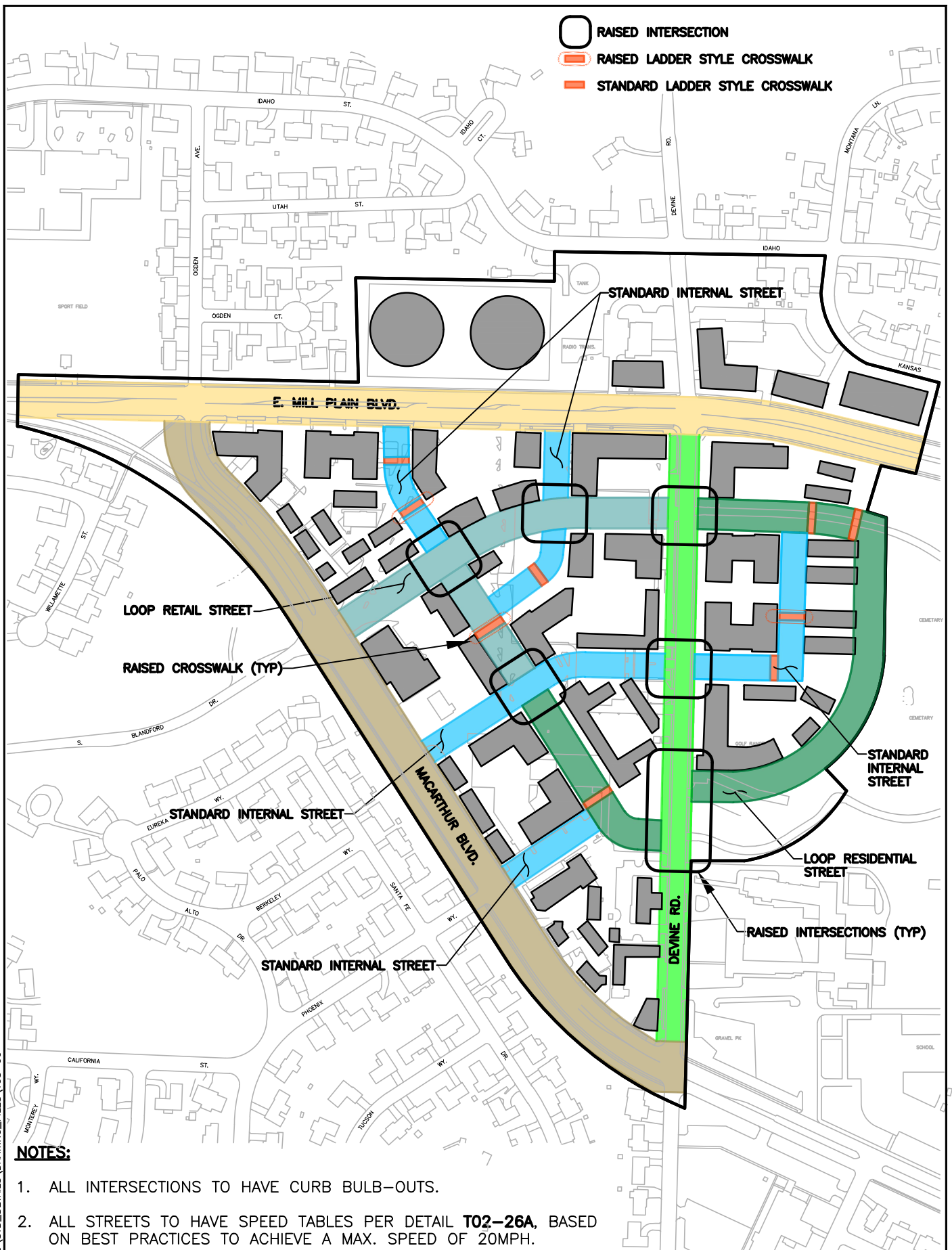


-  RAISED INTERSECTION
-  RAISED LADDER STYLE CROSSWALK
-  STANDARD LADDER STYLE CROSSWALK



NOTES:

1. ALL INTERSECTIONS TO HAVE CURB BULB-OUTS.
2. ALL STREETS TO HAVE SPEED TABLES PER DETAIL T02-26A, BASED ON BEST PRACTICES TO ACHIEVE A MAX. SPEED OF 20MPH.

REV NO.	DATE	BY	APPR	PUBLIC WORKS - STREETS AND TRANSPORTATION
1	9/21	RAW	MHA	

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER
APPROVED DATE: 9/1/2021

CITY OF
Vancouver
WASHINGTON

HEIGHTS DISTRICT
REDEVELOPMENT
KEP MAP

STANDARD PLAN
NUMBER

T08-00

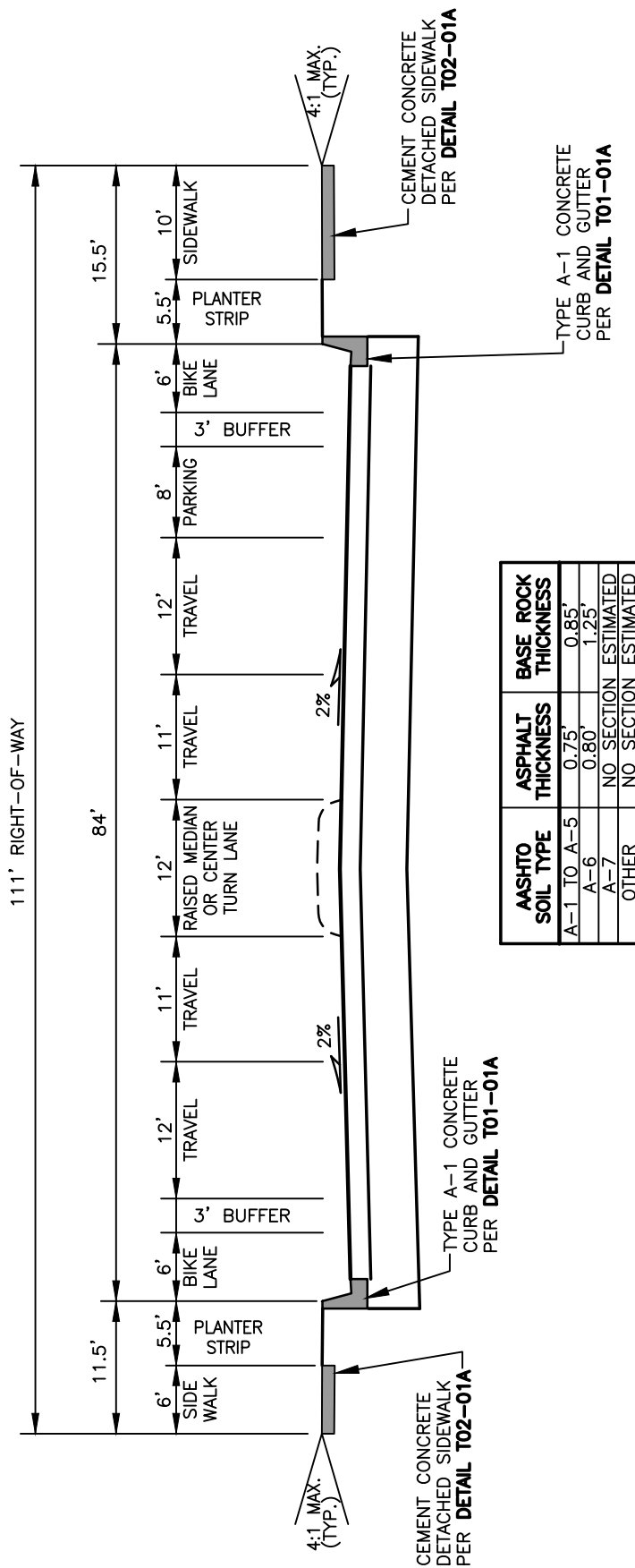
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REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS
AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021

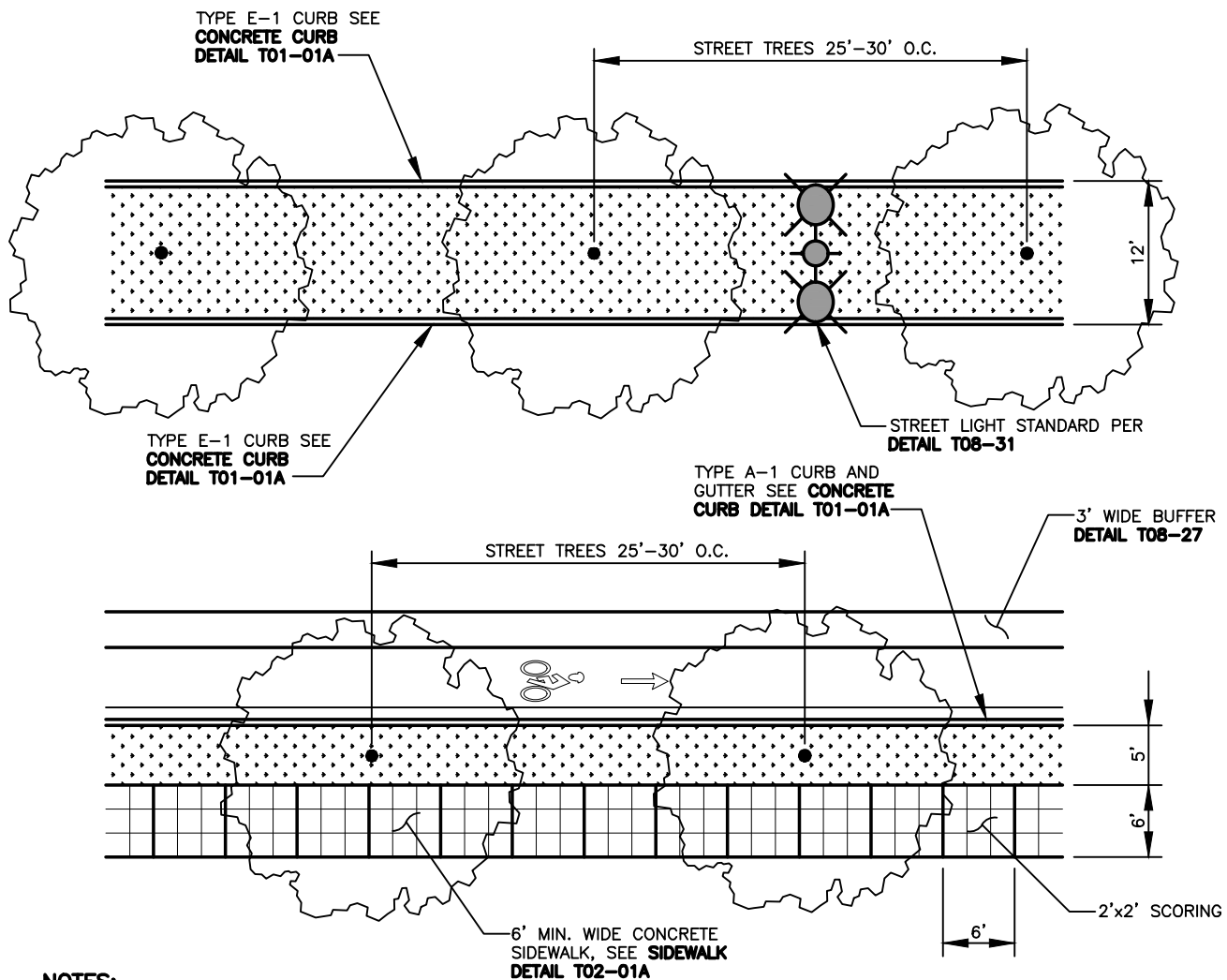
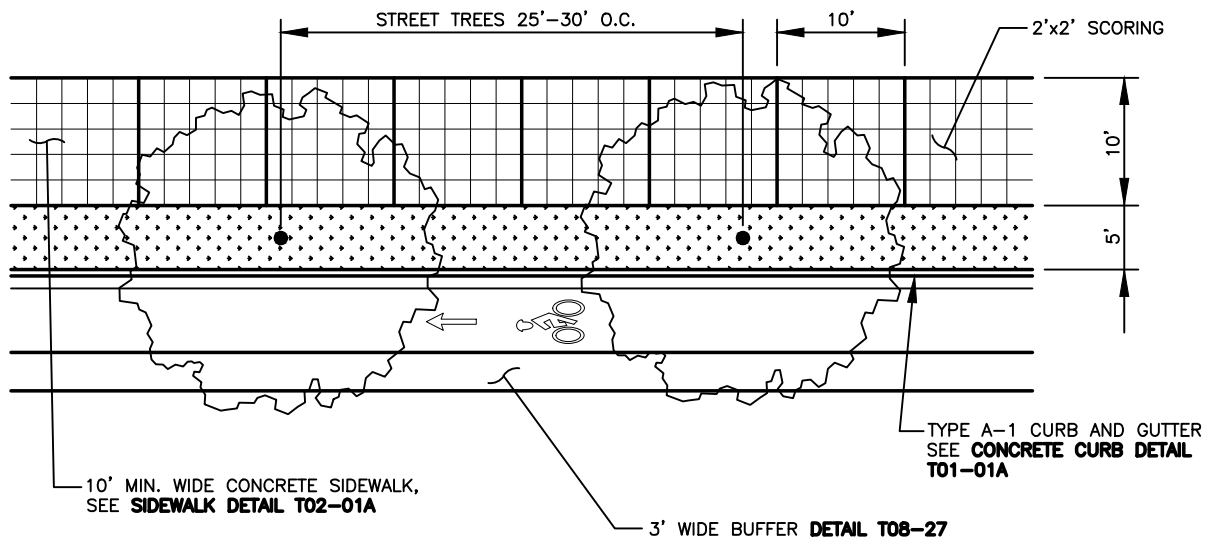


NOTES:

- SEE STANDARD PLAN **T10-00** FOR GENERAL NOTES.
- WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
- ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
- ALTERNATIVE BIKE LANE MAY BE REQUIRED ADJACENT TO MILL PLAIN VINE STATION AREA (BIKES BEHIND STATION, NOT ON ROADWAY). COORDINATE WITH THE CITY AND C-TRAN.
- ALL ARTERIAL STREETS REQUIRE STREET LIGHTING, SEE STANDARD PLAN **T08-31**.
- STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
- SEE STANDARD PLAN **T02-18** FOR MEDIAN CONSTRUCTION.
- ADDITIONAL PROTECTION IN BIKE LANE BUFFERS MAY BE REQUIRED. COORDINATE WITH CITY.

HEIGHTS DISTRICT
REDEVELOPMENT
MILL PLAIN BOULEVARD

STANDARD PLAN
NUMBER
T08-01



NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
MILL PLAIN BOULEVARD OVERVIEW

STANDARD PLAN
NUMBER
T08-02

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

**PUBLIC WORKS – STREETS
AND TRANSPORTATION**

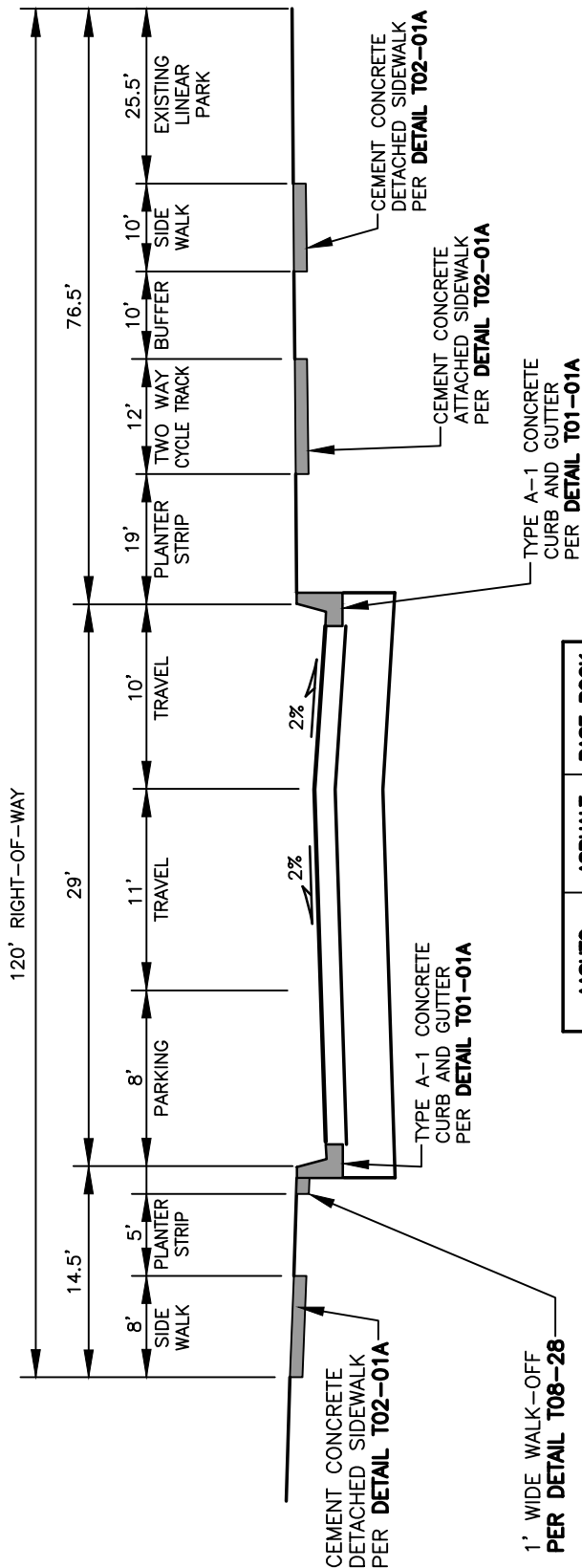
APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
MACARTHUR BOULEVARD

STANDARD PLAN
NUMBER
T08-03



AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.60"	0.65"
A-6	0.60"	1.25"
A-7	NO SECTION ESTIMATED	NO SECTION ESTIMATED
OTHER	NO SECTION ESTIMATED	NO SECTION ESTIMATED

NOTES:

- SEE STANDARD PLAN T10-00 FOR GENERAL NOTES.
- WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
- ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
- STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
- ALL ARTERIAL STREETS REQUIRE STREET LIGHTING, SEE STANDARD PLAN T08-31.

10' MIN. WIDE
CONCRETE
DETACHED
SIDEWALK, SEE
**SIDEWALK
DETAIL T02-01A**

STREET LIGHT
STANDARD PER
DETAIL **T08-31**

12' MIN. WIDE CONCRETE
DETACHED TWO WAY
CYCLE TRACK.
SEE **CYCLE TRACK
DETAIL T08-32**

TYPE A-1 CURB AND
GUTTER SEE **CONCRETE
CURB DETAIL T01-01A**

8' MIN. WIDE CONCRETE
DETACHED SIDEWALK, SEE
**SIDEWALK DETAIL
T02-01A**

TYPE A-1 CURB AND
GUTTER SEE **CONCRETE
CURB DETAIL T01-01A**

NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS
AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER
APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
MACARTHUR BOULEVARD OVERVIEW

STANDARD PLAN
NUMBER

T08-04

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REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS
AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

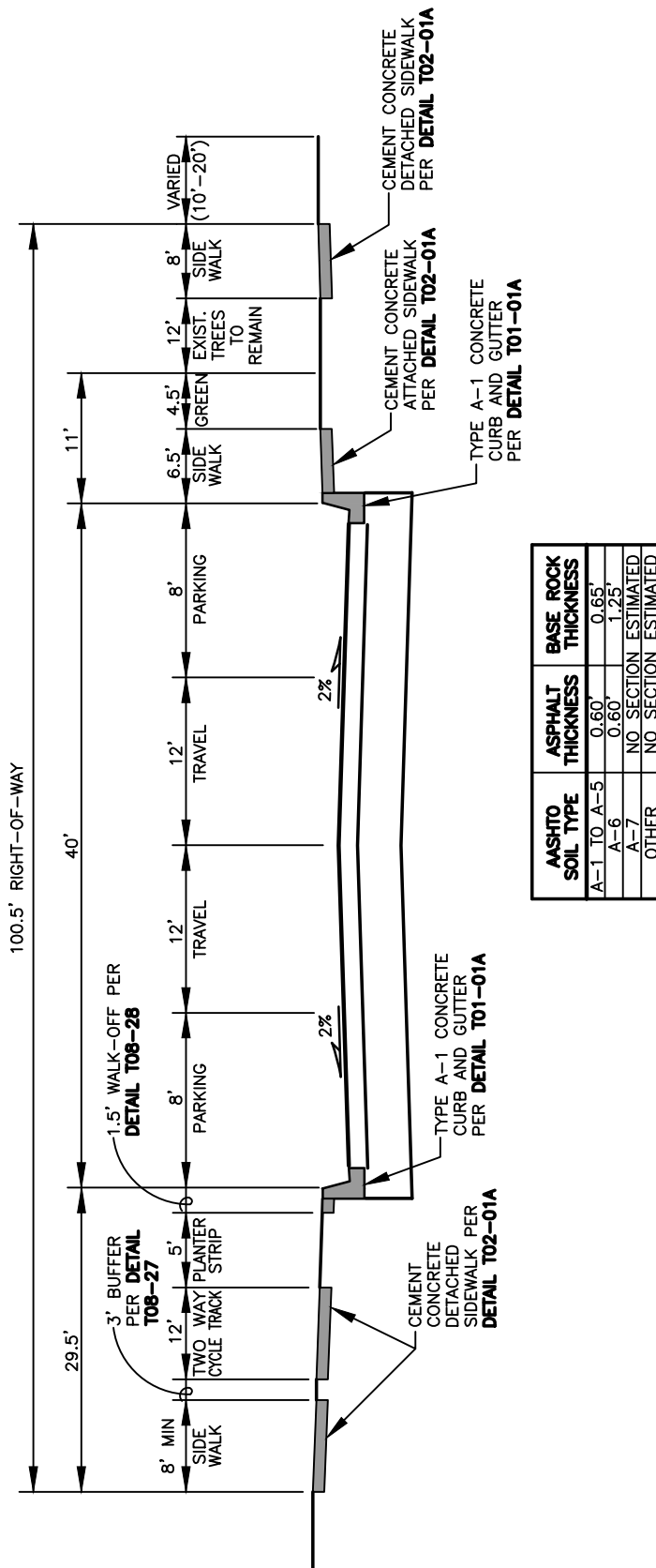
APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
DEVINE ROAD

STANDARD PLAN
NUMBER

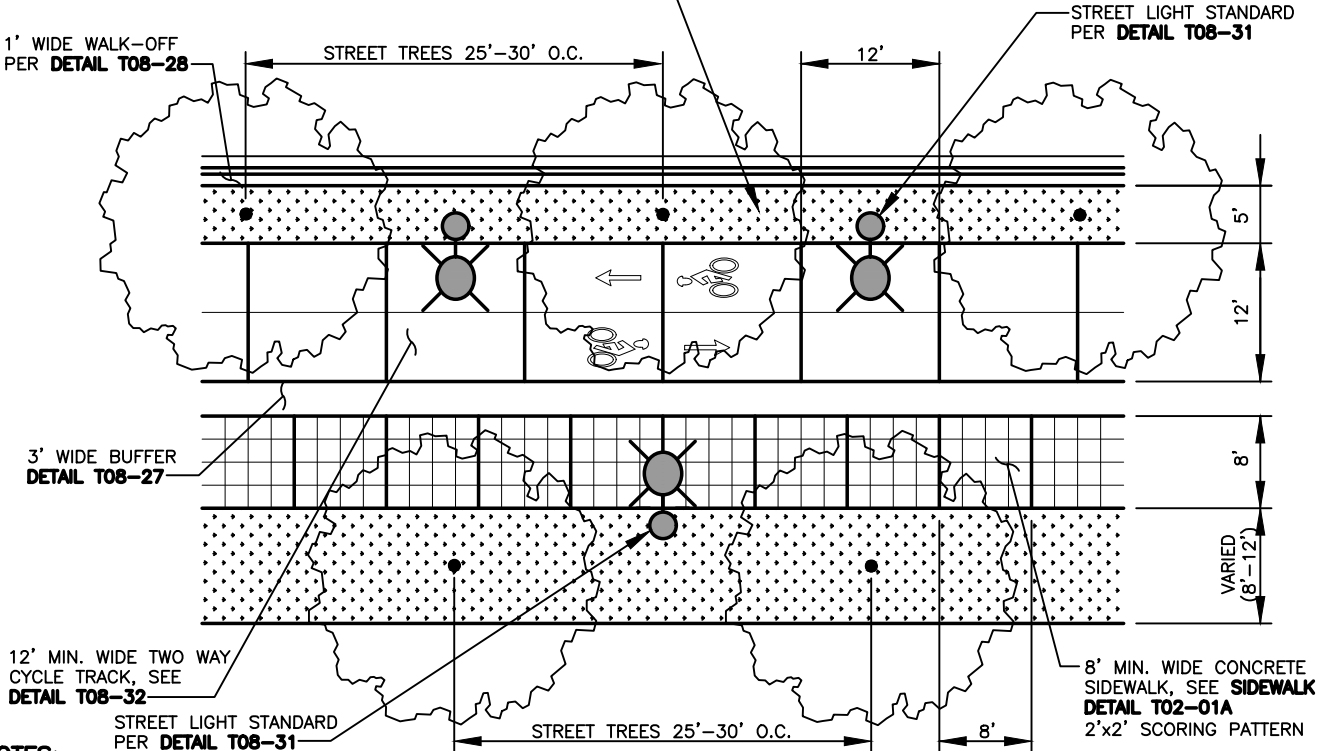
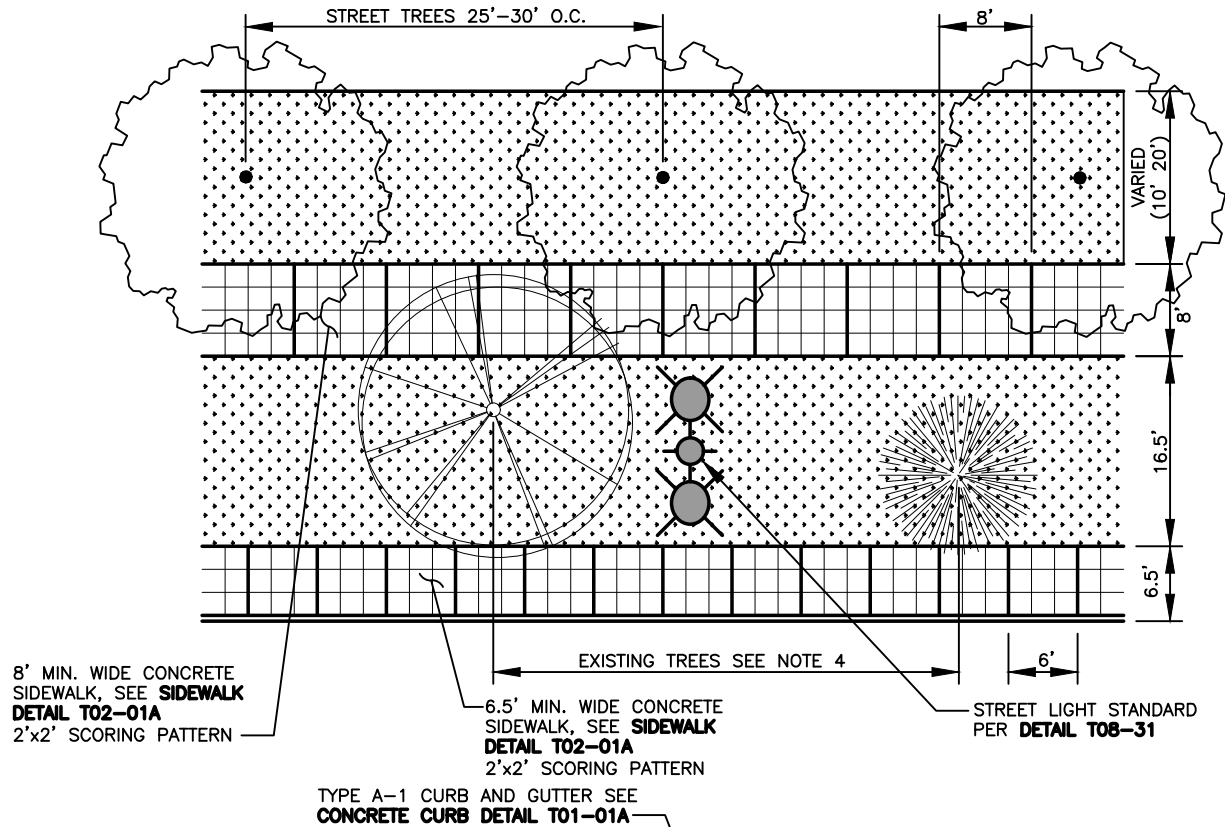
T08-05



ASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.60"	0.65"
A-6	0.60"	1.25"
A-7	NO SECTION ESTIMATED	NO SECTION ESTIMATED
OTHER	NO SECTION ESTIMATED	NO SECTION ESTIMATED

NOTES:

1. SEE STANDARD PLAN T10-00 FOR GENERAL NOTES.
2. WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
3. ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
4. STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
5. ALL ARTERIAL STREETS REQUIRE STREET LIGHTING, SEE STANDARD PLAN T08-31.



NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.
4. CONSULT CITY FORESTER WHEN CONSTRUCTION IS WITHIN CRITICAL ROOT ZONE OF EXISTING TREES.
5. CONNECTION BETWEEN SIDEWALK TO FACILITATE PEDESTRIAN CIRCULATION REQUIRED. COORDINATE WITH CITY.

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REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT REDEVELOPMENT
DEVINE ROAD OVERVIEW

STANDARD PLAN NUMBER
T08-06

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REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

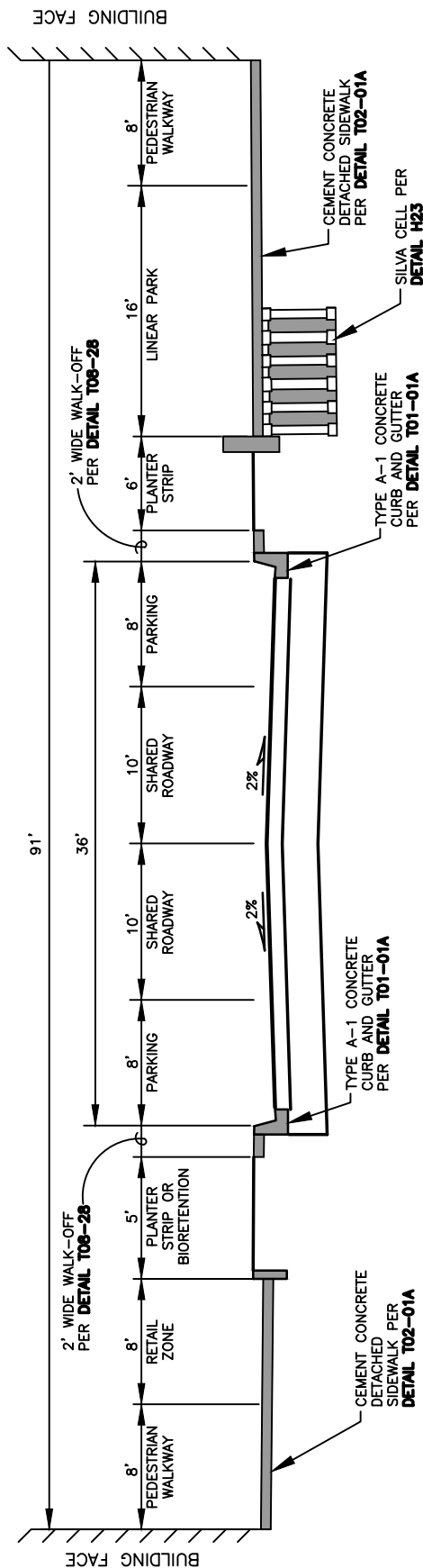
PUBLIC WORKS – STREETS
AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT REDEVELOPMENT LOOP RETAIL STREET	STANDARD PLAN NUMBER T08-07
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AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.40"	0.85"
A-6	0.45"	1.00"
A-7	NO SECTION ESTIMATED	NO SECTION ESTIMATED
OTHER	NO SECTION ESTIMATED	NO SECTION ESTIMATED

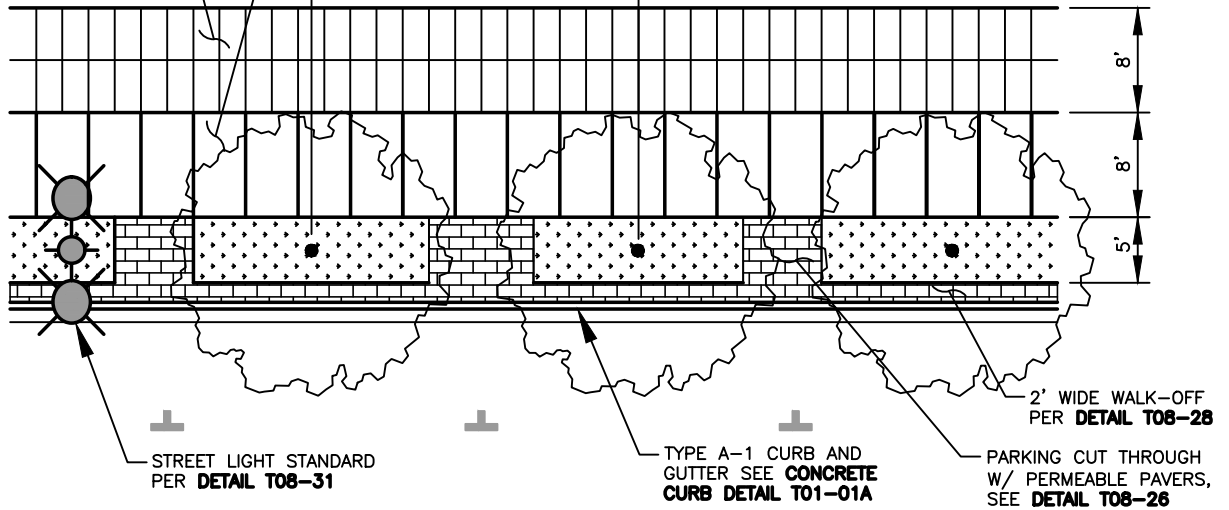
NOTES:

1. SEE STANDARD PLAN T10-00 FOR GENERAL NOTES.
2. WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
3. ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
4. BICYCLE STENCIL PAVEMENT MARKING IS REQUIRED FOR ALL SHARED ROADWAY SEGMENTS. SEE STANDARD PLAN T29-61.
5. CENTER LINE STRIPING SHOULD NOT BE USED.
6. STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
7. ALL NEIGHBORHOOD CIRCULATORS REQUIRE STREET LIGHTING, SEE STANDARD PLAN T08-31.

8' MIN. WIDE CONCRETE
SIDEWALK WITH 2'x4'
SCORING PATTERN, SEE
SIDEWALK DETAIL T02-01A

8' MIN. WIDE DETACHED
SIDEWALK RETAIL ZONE WITH
4'x8' SCORE PATTERN, SEE
CONCRETE SIDEWALK
DETAIL T02-01A

STREET TREES 25'-30' O.C.



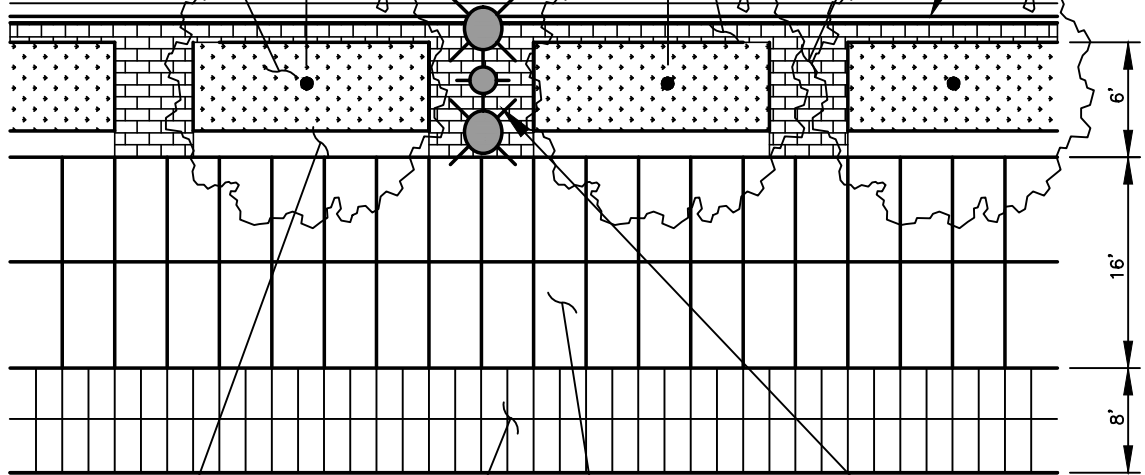
SILVA CELL PER
DETAIL T08-22

2' WIDE WALK-OFF
PER DETAIL T08-28

STREET TREES 25'-30' O.C.

PARKING CUT THROUGH
W/ PERMEABLE PAVERS,
SEE DETAIL T08-26

TYPE A-1 CURB AND
GUTTER SEE CONCRETE
CURB DETAIL T01-01A



2' WIDE CONCRETE SEAT WALL,
SEE DETAIL T08-29 (TYP.)

8' MIN. WIDE CONCRETE
SIDEWALK WITH 2'x4'
SCORING PATTERN, SEE
SIDEWALK DETAIL T02-01A

8' MIN. WIDE DETACHED
SIDEWALK RETAIL ZONE WITH
4'x8' SCORE PATTERN, SEE
CONCRETE SIDEWALK
DETAIL T02-01A

STREET LIGHT STANDARD
PER DETAIL T08-31

NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS - STREETS
AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER
APPROVED DATE: 9/1/2021

CITY OF
Vancouver
WASHINGTON

HEIGHTS DISTRICT
REDEVELOPMENT
LOOP RETAIL STREET OVERVIEW

STANDARD PLAN
NUMBER

T08-08

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

**PUBLIC WORKS – STREETS
AND TRANSPORTATION**

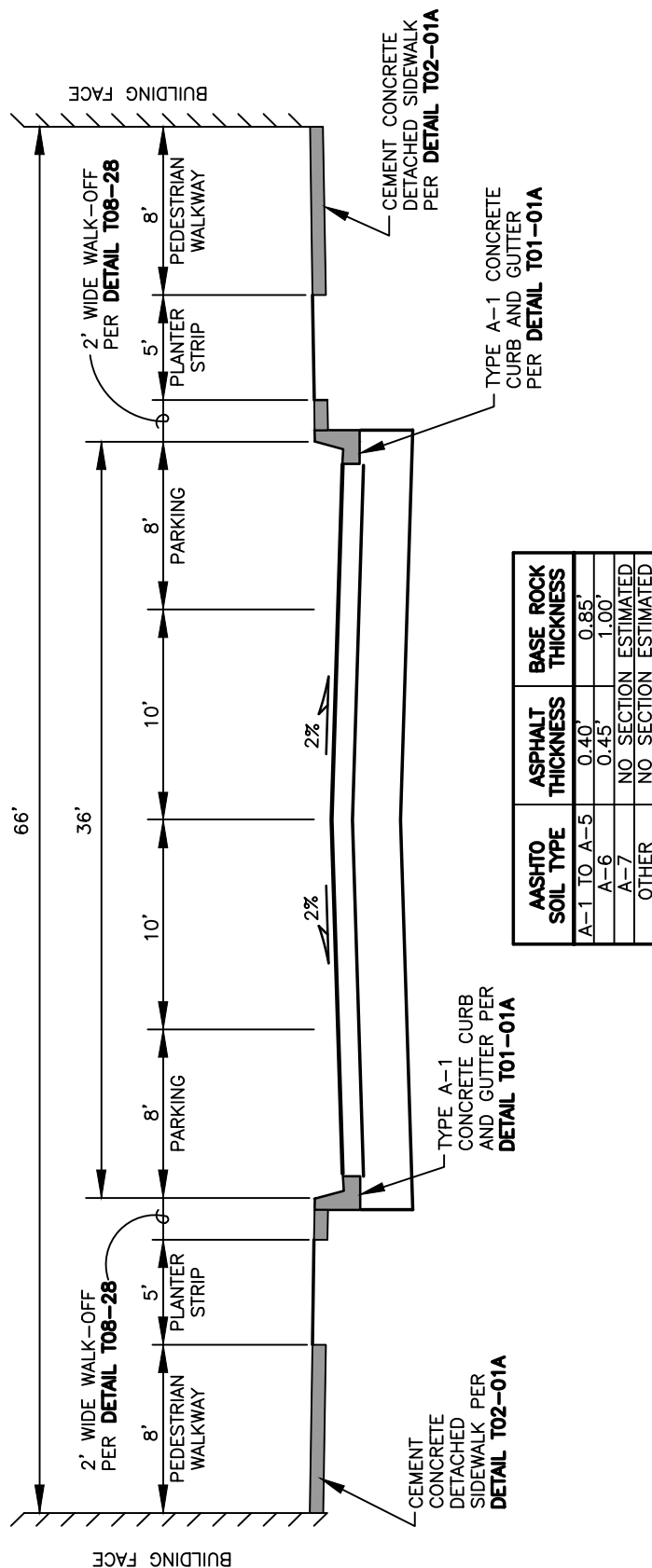
APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER
APPROVED DATE: 9/1/2021

CITY OF
Vancouver
WASHINGTON

HEIGHTS DISTRICT
REDEVELOPMENT
STANDARD STREET

STANDARD PLAN
NUMBER

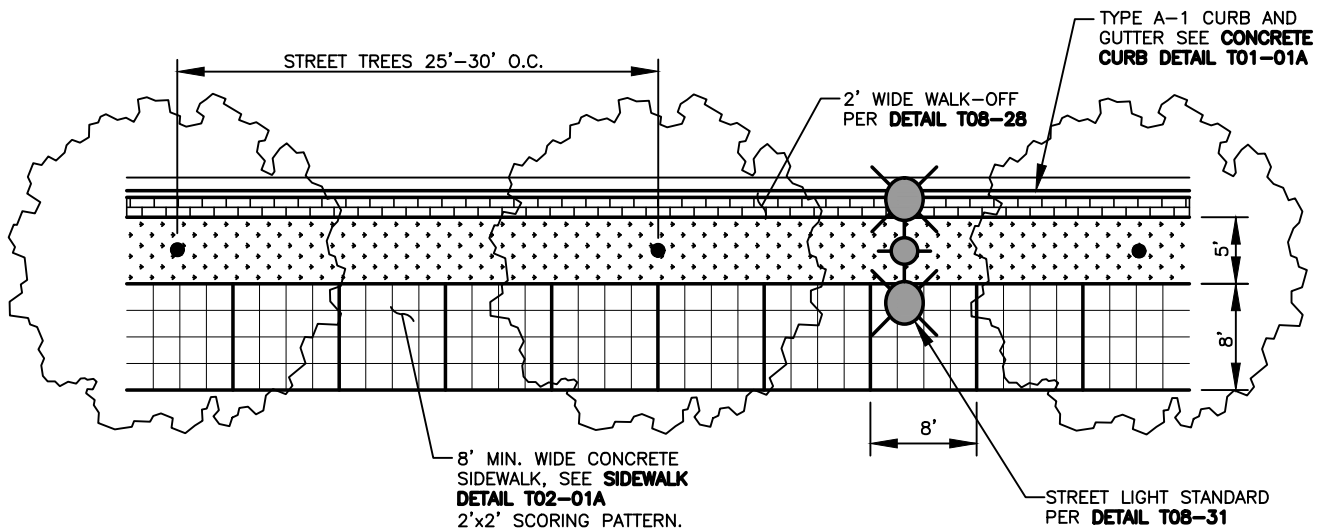
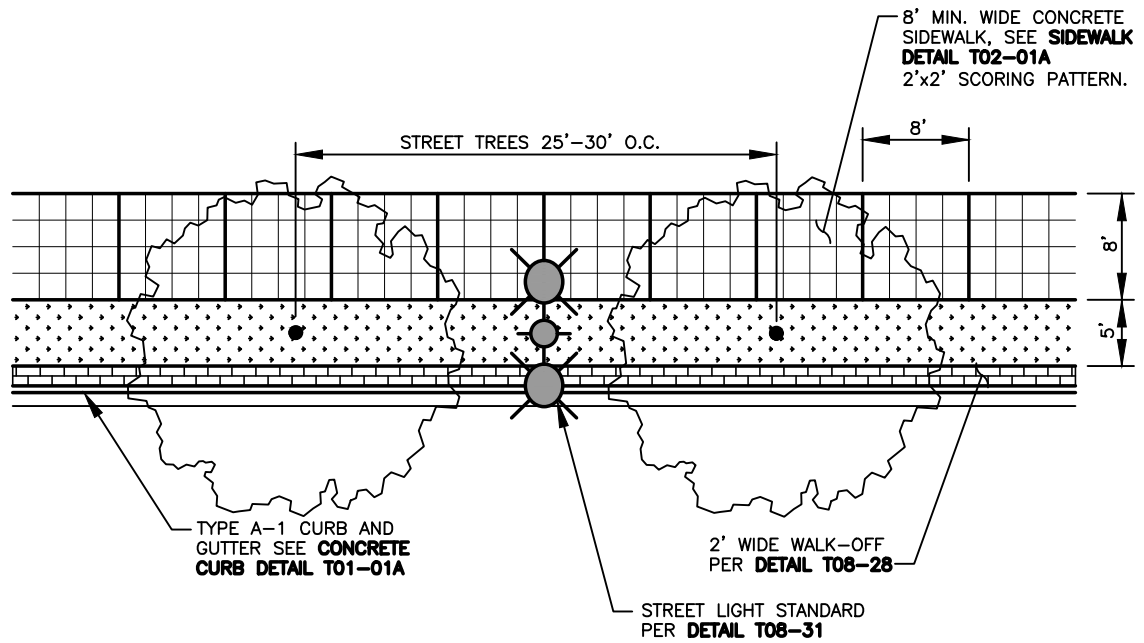
T08-09



AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.40'	0.85'
A-6	0.45'	1.00'
A-7	NO SECTION ESTIMATED	NO SECTION ESTIMATED
OTHER	NO SECTION ESTIMATED	NO SECTION ESTIMATED

NOTES:

- SEE STANDARD PLAN **T10-00** FOR GENERAL NOTES.
- WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
- ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
- BICYCLE STENCIL PAVEMENT MARKING IS (SHARROW) REQUIRED FOR ALL SHARED ROADWAY SEGMENTS. SEE STANDARD PLAN **T29-61**.
- CENTER LINE STRIPING SHOULD NOT BE USED.
- STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
- ALL NEIGHBORHOOD CIRCULATORS REQUIRE STREET LIGHTING, SEE STANDARD PLAN **T08-31**.



NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: *M. H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
STANDARD STREET OVERVIEW

STANDARD PLAN
NUMBER
T08-10

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

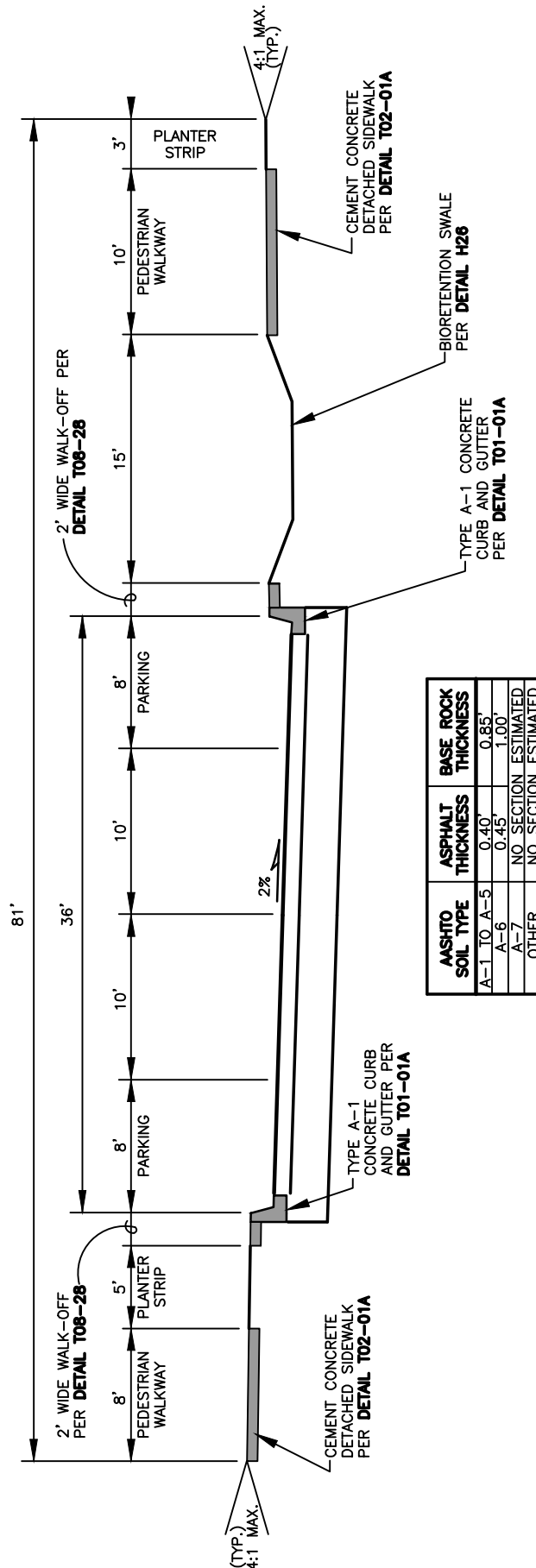
PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



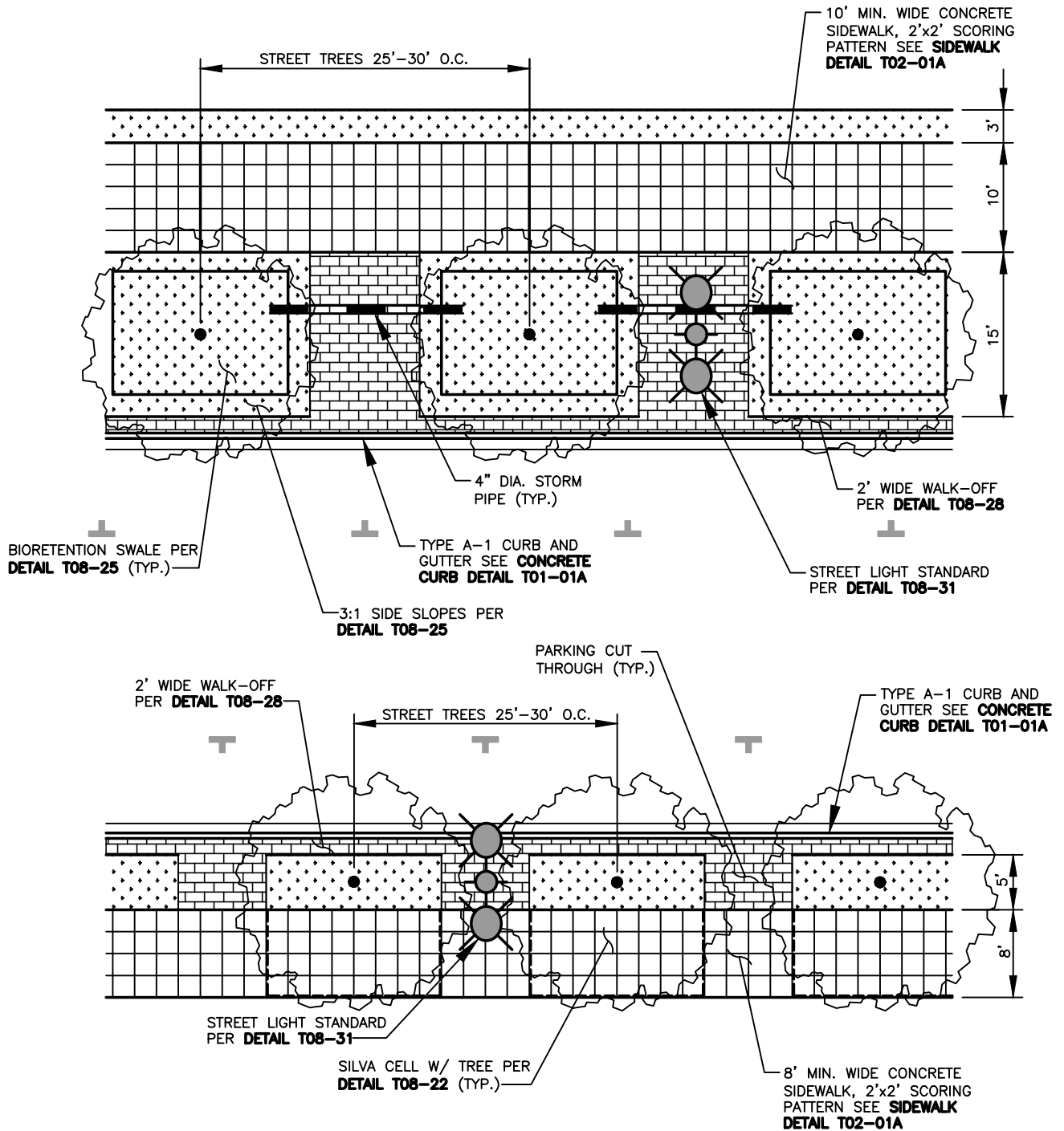
HEIGHTS DISTRICT REDEVELOPMENT LOOP RESIDENTIAL STREET	STANDARD PLAN NUMBER T08-11
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ASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.40"	0.85"
A-6	0.45"	1.00"
A-7	NO SECTION ESTIMATED	NO SECTION ESTIMATED
OTHER	NO SECTION ESTIMATED	NO SECTION ESTIMATED

NOTES:

1. SEE STANDARD PLAN **T10-00** FOR GENERAL NOTES.
2. WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
3. ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
4. BICYCLE STENCIL PAVEMENT MARKING (SHARROW) IS REQUIRED FOR ALL SHARED ROADWAY SEGMENTS. SEE STANDARD PLAN **T29-61**.
5. CENTER LINE STRIPING SHOULD NOT BE USED.
6. STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
7. ALL NEIGHBORHOOD CIRCULATORS REQUIRE STREET LIGHTING, SEE STANDARD PLAN **T08-31**.



NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT LOOP
RESIDENTIAL STREET OVERVIEW

STANDARD PLAN
NUMBER
T08-12

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS
AND TRANSPORTATION

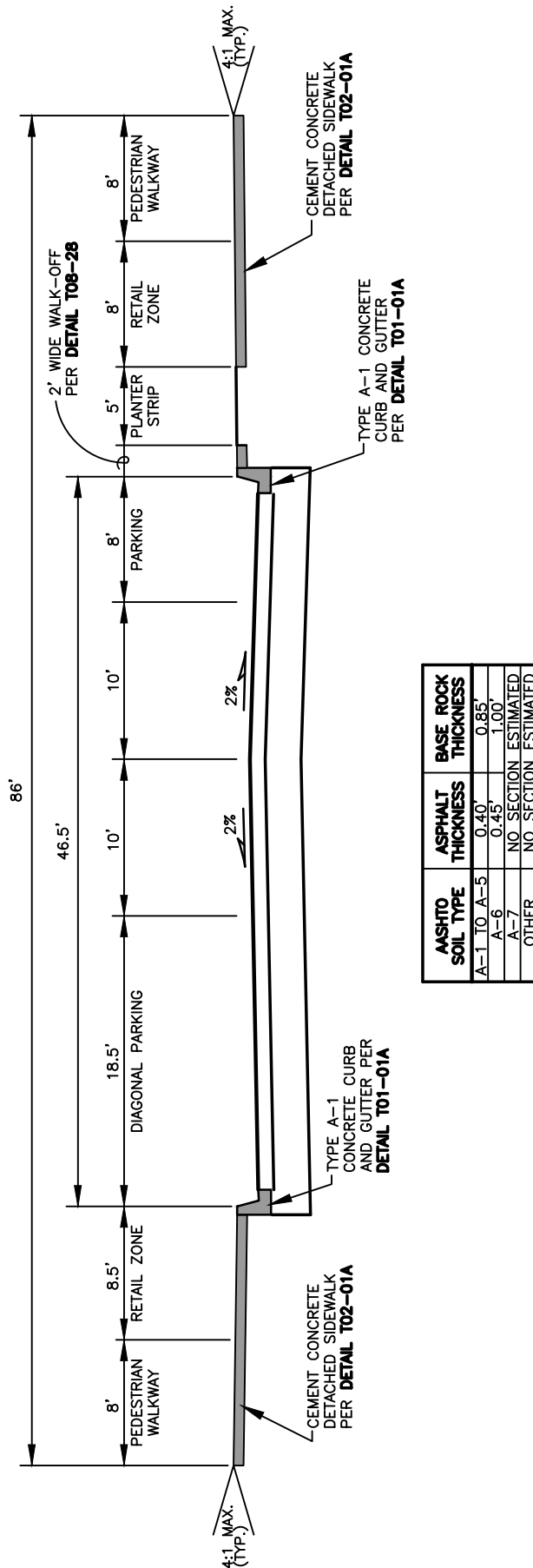
APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT INTERNAL
STREET ANGLED PARKING

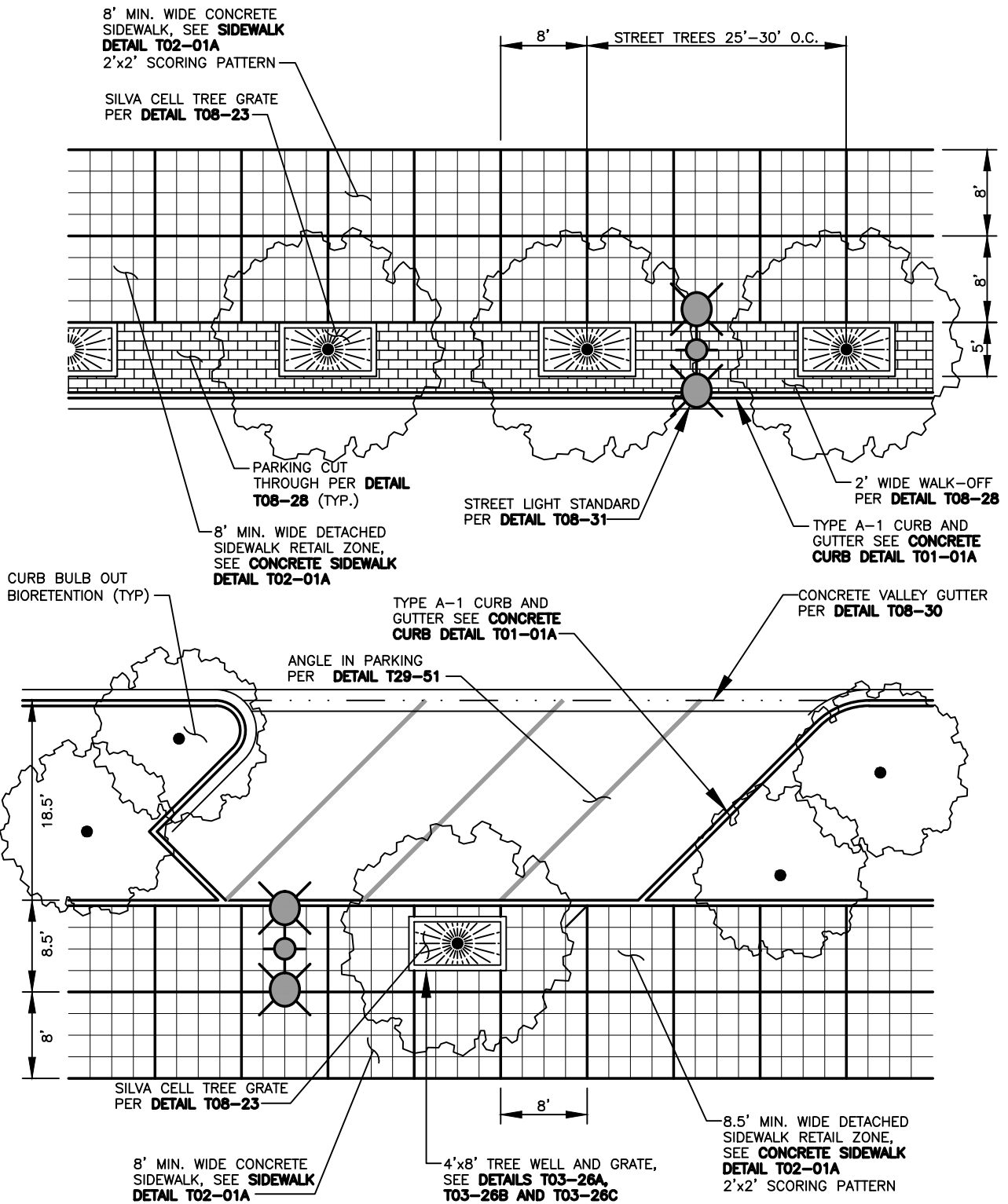
STANDARD PLAN
NUMBER
T08-13



ASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.40'	0.85'
A-6	0.45'	1.00'
A-7	NO SECTION ESTIMATED	NO SECTION ESTIMATED
OTHER	NO SECTION ESTIMATED	NO SECTION ESTIMATED

NOTES:

1. SEE STANDARD PLAN **T10-00** FOR GENERAL NOTES.
2. WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
3. ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
4. BICYCLE STENCIL PAVEMENT MARKING (SHARROW) IS REQUIRED FOR ALL SHARED ROADWAY SEGMENTS. SEE STANDARD PLAN **T29-61**.
5. CENTER LINE STRIPING SHOULD NOT BE USED.
6. STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
7. ALL NEIGHBORHOOD CIRCULATORS REQUIRE STREET LIGHTING, SEE STANDARD PLAN **T08-31**.
8. DIAGONAL PARKING IS BACK IN ONLY.



NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.
4. CUSTOM DESIGN MEASURES MAY BE REQUIRED TO MANAGE DEBRIS COLLECTION.

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021

CITY OF
Vancouver
WASHINGTON

HEIGHTS DISTRICT
REDEVELOPMENT INTERNAL
STREET ANGLED PARKING OVERVIEW

STANDARD PLAN
NUMBER

T08-14

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS
AND TRANSPORTATION

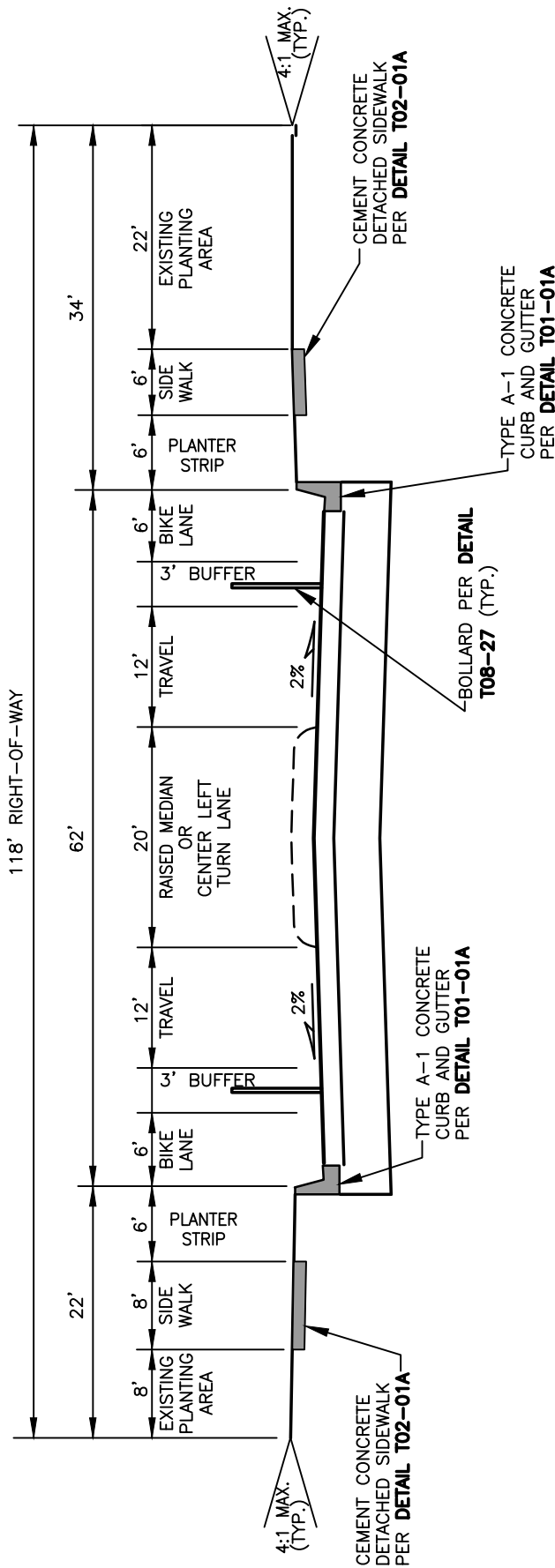
APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
ANDRESEN ROAD

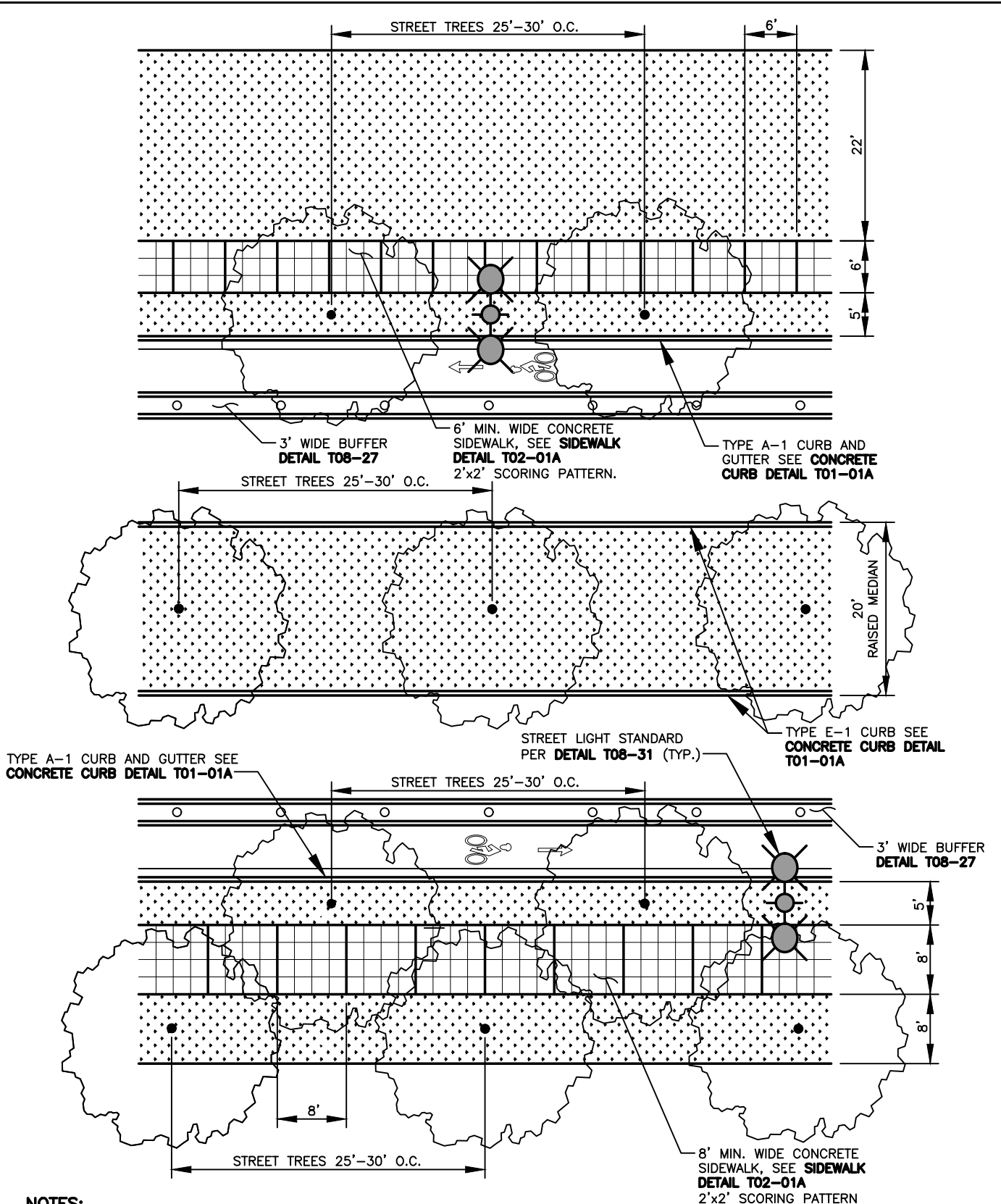
STANDARD PLAN
NUMBER
T08-15



AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1 TO A-5	0.75'	0.85'
A-6	0.80'	1.25'
A-7	NO SECTION ESTIMATED	
OTHER	NO SECTION ESTIMATED	

NOTES:

- SEE STANDARD PLAN **T10-00** FOR GENERAL NOTES.
- WIDER SIDEWALKS MAY BE REQUIRED UNDER SPECIAL CIRCUMSTANCES.
- ADDITIONAL TRAFFIC CALMING MAY BE REQUIRED. COORDINATE WITH THE CITY.
- STORMWATER MANAGEMENT TO BE INCORPORATED. COORDINATE WITH THE CITY.
- ALL ARTERIAL STREETS REQUIRE STREET LIGHTING, SEE STANDARD PLAN **T08-31**.
- SEE **DETAIL T02-18** FOR MEDIAN CONSTRUCTION.



NOTES:

1. FINISH SHALL BE LIGHT BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE NOTED.
2. SIDEWALK PATTERN APPLIES TO HEIGHTS REDEVELOPMENT DESIGN AREA.
3. SCORE LINES SHALL BE CRISP AND WITHOUT SHINERS.

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

PUBLIC WORKS – STREETS
AND TRANSPORTATION

APPROVED BY: *M. H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021

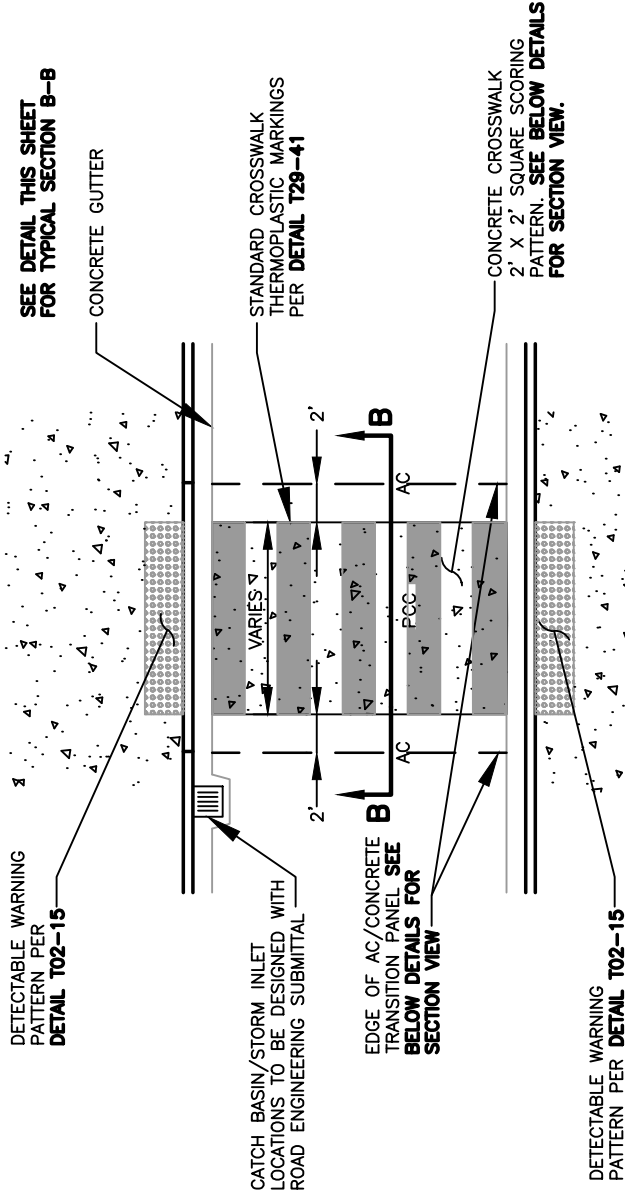


HEIGHTS DISTRICT
REDEVELOPMENT
ANDRESEN ROAD OVERVIEW

STANDARD PLAN
NUMBER
T08-16

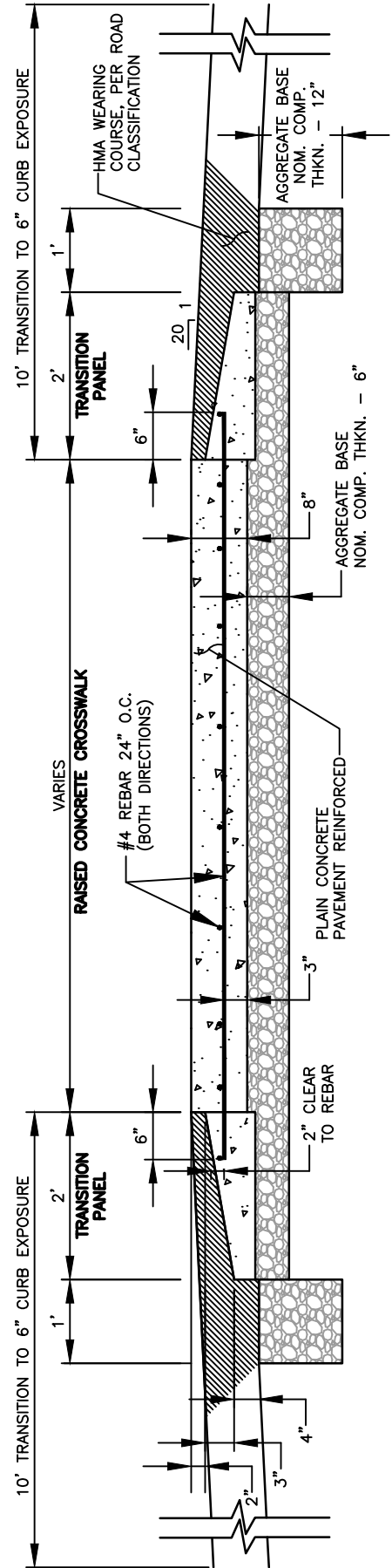
NOTE:

SEE DETAIL THIS SHEET
FOR TYPICAL SECTION B-B



TYPICAL RAISED PCC CROSSWALK DETAIL

NOTE:
SPECIFIC DESIGN COORDINATION WITH CITY
STORM WATER MANAGEMENT IS REQUIRED AND
MAY RESULT IN ADDITIONAL STORMWATER
FACILITIES OR CUSTOM DETAIL DESIGN.



RAISED PCC CROSSWALK DETAIL SECTION B-B

REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

**PUBLIC WORKS - STREETS
AND TRANSPORTATION**

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



**HEIGHTS DISTRICT
REDEVELOPMENT
RAISED CONCRETE CROSSWALK**

**STANDARD PLAN
NUMBER**

T08-17

APPROVED BY: M.H. Pedraza
ENGINEER MANAGER
APPROVED DATE: 9/1/2021



T08-18



1. CATCH BASIN/STORM INLET LOCATIONS TO BE DESIGNED WITH ROAD ENGINEERING SUBMITTAL.
2. SPECIFIC DESIGN COORDINATION WITH THE CITY STORM WATER MANAGEMENT IS REQUIRED AND MAY RESULT IN ADDITIONAL STORMWATER FACILITIES OR CUSTOM DETAIL DESIGN.

RAISED CONCRETE INTERSECTION



\\CITYAPPS\AUTOCAD\STD_DETAILS\DRAWING_FILES\T08-19



CITY OF
Vancouver
WASHINGTON

**STANDARD PLAN
NUMBER**

T08-19

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REV NO.	DATE	BY	APPR
1	9/21	RAW	MHA

**PUBLIC WORKS – STREETS
AND TRANSPORTATION**

APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

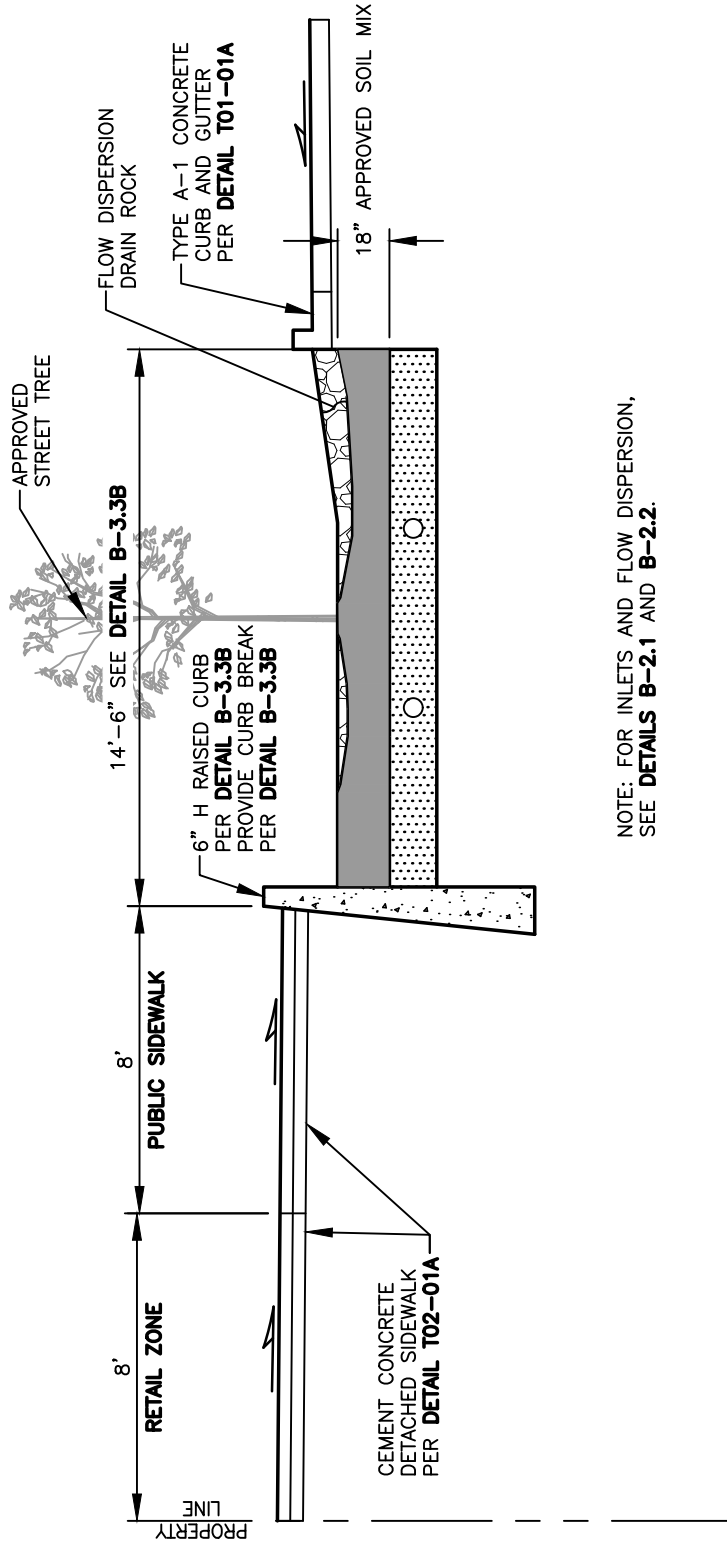
APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
BULB-OUT BIORETENTION

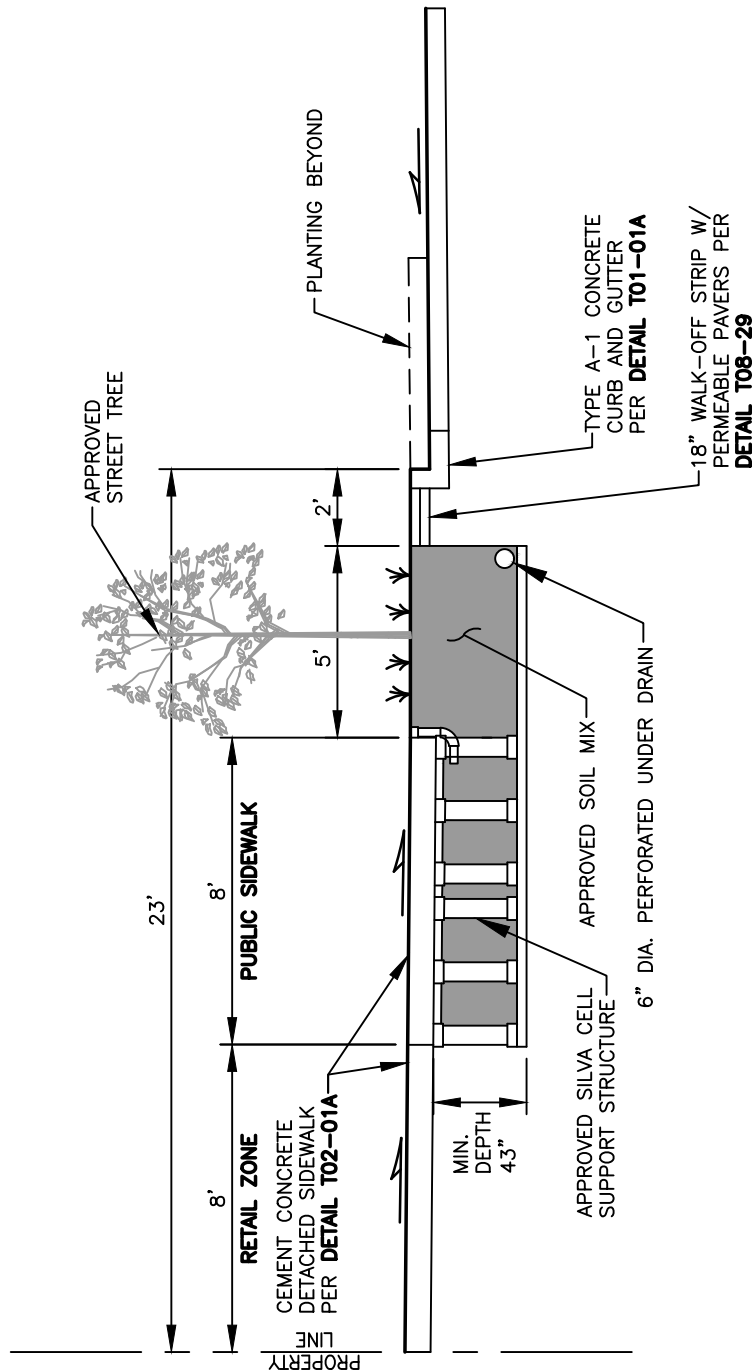
STANDARD PLAN
NUMBER

T08-21



NOTE: FOR INLETS AND FLOW DISPERSION,
SEE **DETAILS B-2.1** AND **B-2.2**.

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PUBLIC WORKS – STREETS
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APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
SILVA CELL PLANTER

STANDARD PLAN
NUMBER
T08-22

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APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

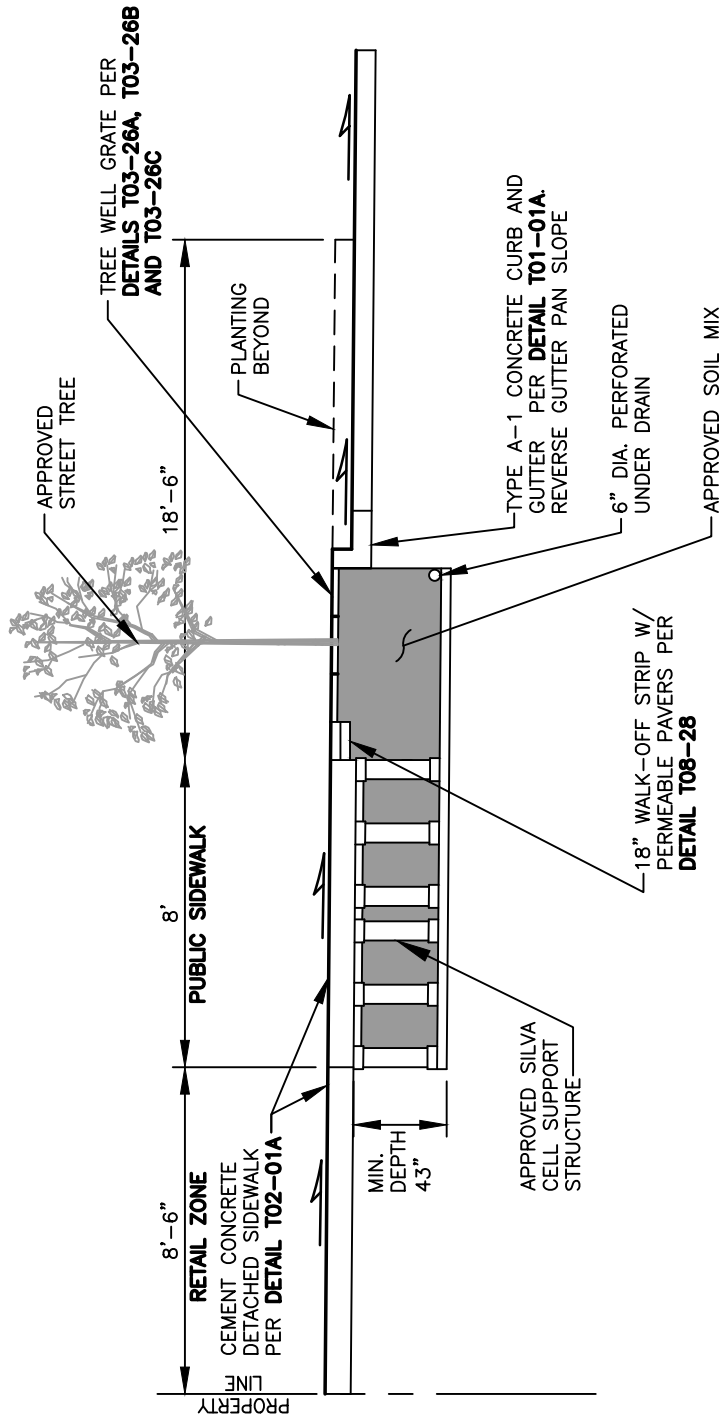
APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
SILVA CELL WITH TREE GRATE

STANDARD PLAN
NUMBER

T08-23



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AND TRANSPORTATION

APPROVED BY: *M. H. [Signature]*
ENGINEER MANAGER

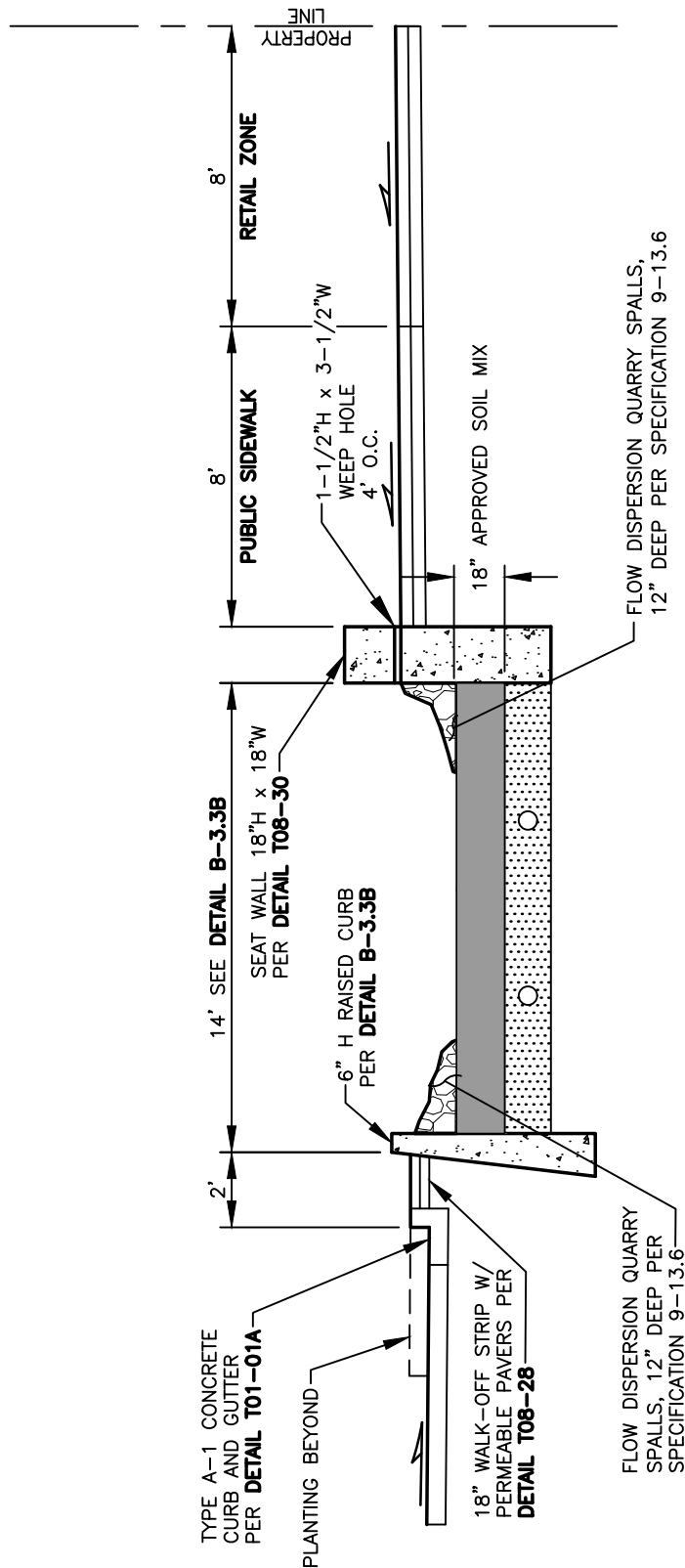
APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
DEEP RETAIL LOOP BIORETENTION

**STANDARD PLAN
NUMBER**

T08-24



NOTE: FOR INLETS AND FLOW DISPERSION, SEE DETAILS **B-2.1** AND **B-2.2**.

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APPROVED BY: *M.H. Pedraza*
ENGINEER MANAGER

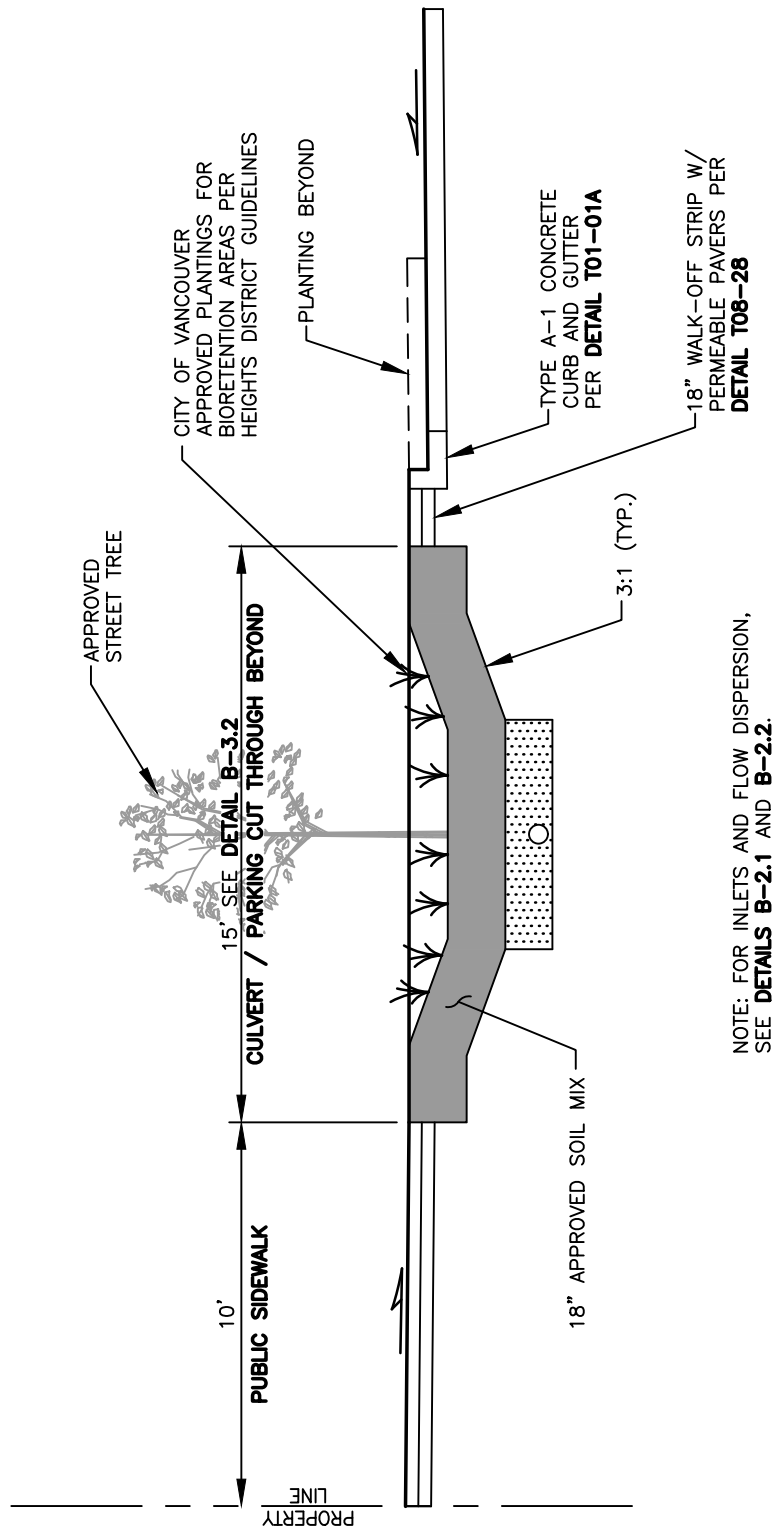
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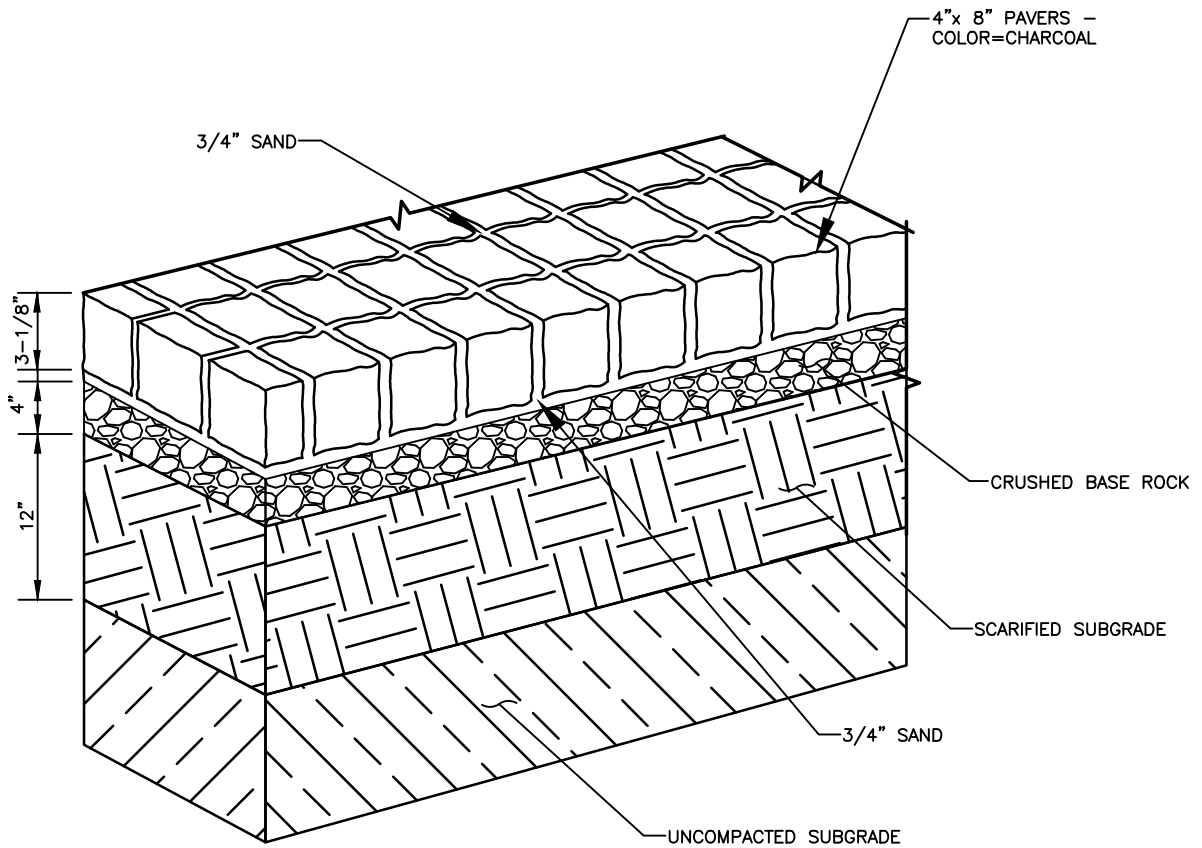


HEIGHTS DISTRICT
REDEVELOPMENT
BIORETENTION SWALE

STANDARD PLAN
NUMBER

T08-25





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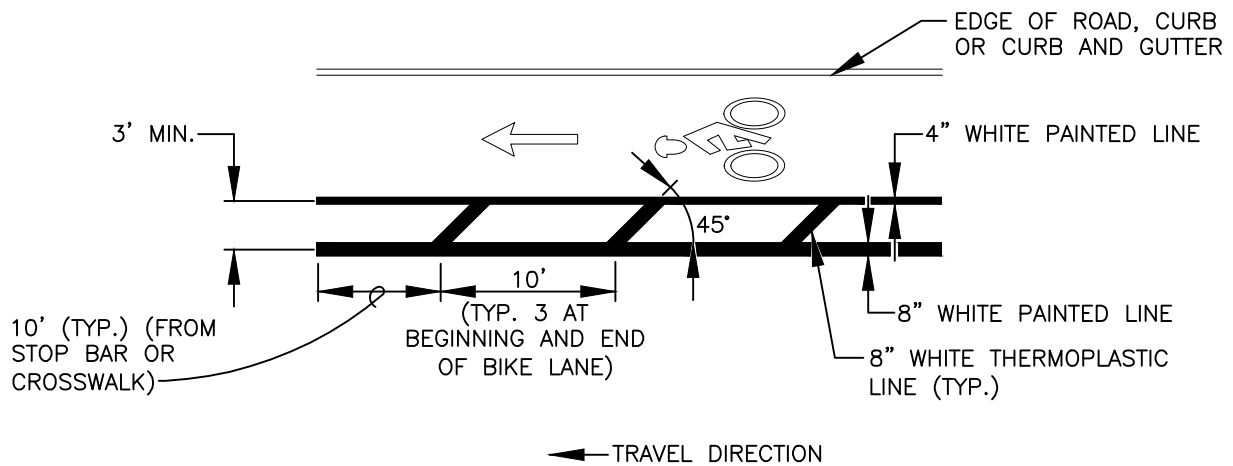
APPROVED BY: *M. H. Pedraza*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021

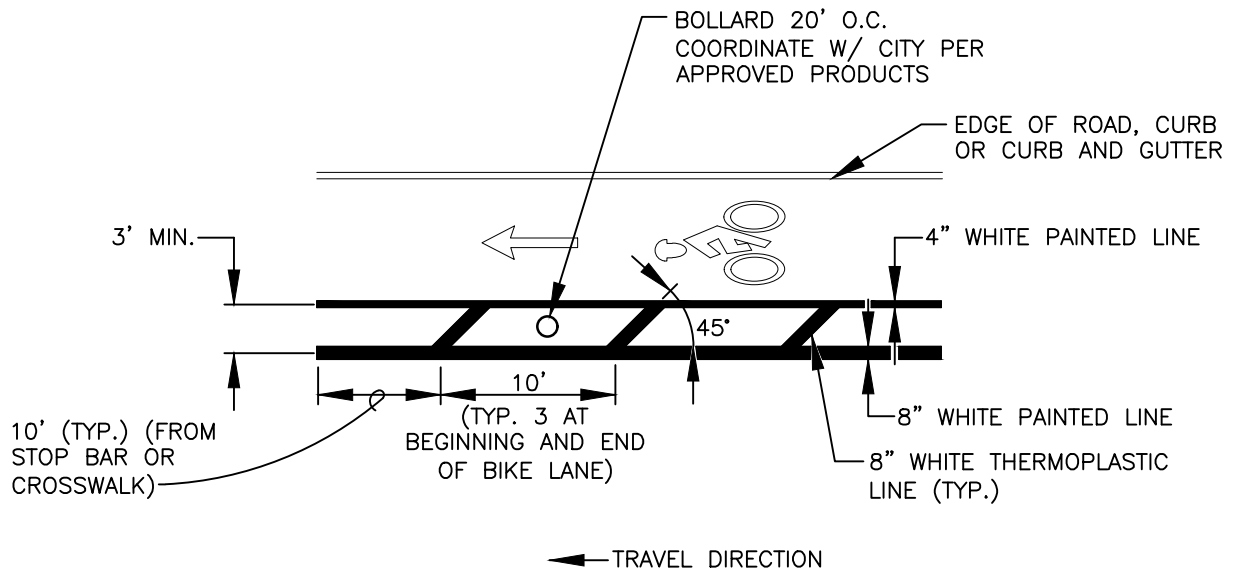


HEIGHTS DISTRICT
REDEVELOPMENT
SAND SET PAVERS

STANDARD PLAN
NUMBER
T08-26



BIKE LANE BUFFER ZONE AREA MARKING



BIKE LANE BUFFER ZONE AREA MARKING WITH BOLLARDS

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APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
BIKE LANE BUFFERS

STANDARD PLAN
NUMBER
T08-27

SEE TABLE BELOW
FOR WIDTH "W"

"W"

TYPE A-1 CONCRETE CURB
AND GUTTER SEE CONCRETE
CURB **DETAIL T01-01A**

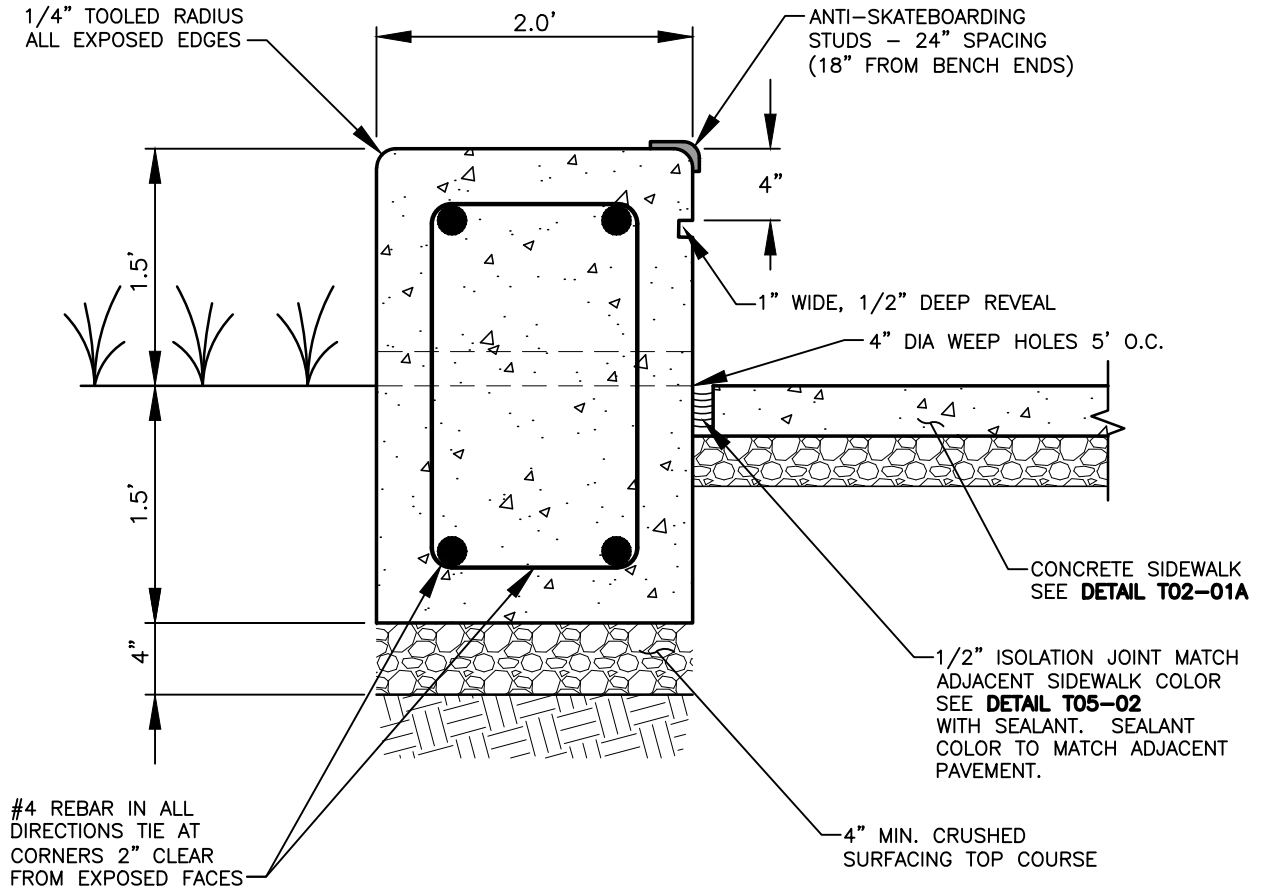
ROAD SECTION	WIDTH "W"
MILL PLAIN BLVD.	1.0'
MACARTHUR BLVD.	1.0'
DEVINE RD.	1.0'
LOOP RETAIL STREET	1.5'
STANDARD STREET	1.5'
LOOP RESIDENTIAL STREET	1.5'
INTERNAL STREET ANGLED PARKING	1.5'
ANDRESEN RD.	1.0'

[illegible]

HEIGHTS DISTRICT
REDEVELOPMENT
WALK-OFF

**STANDARD PLAN
NUMBER**

T08-28



NOTES:

1. ANTI-SKATEBOARDING DEVICES TO BE INSTALLED ON BOTH TOP EDGES OF SEAT WALL WITH 2' SPACING.
2. SACK, PATCH, AND RUB SMOOTH ALL EXPOSED SURFACES.

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APPROVED BY: *M. H. Pedraza*
ENGINEER MANAGER

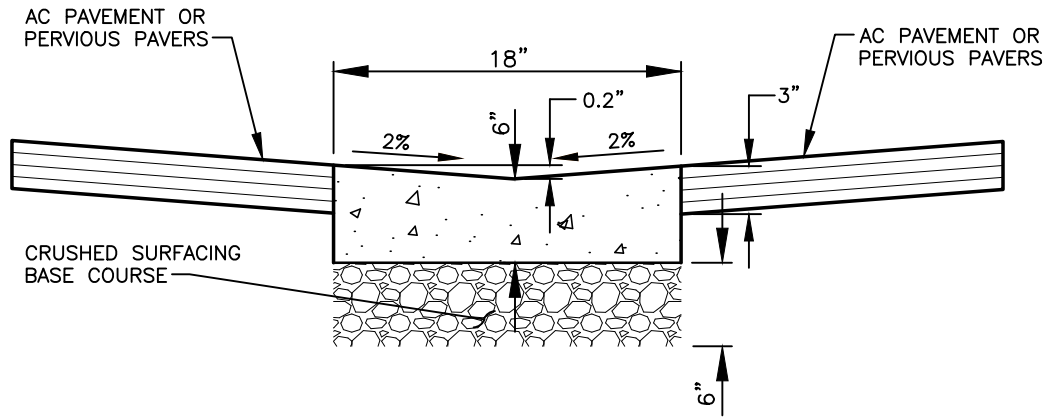
APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
CONCRETE SEAT WALL

STANDARD PLAN
NUMBER

T08-29



NOTES:

1. CONCRETE CURBS SHALL BE 3000 PSI MIN. (CL 3000), 3-1/2" SLUMP (MAX.), DRIVEWAY OPENINGS SHALL BE 4000 PSI MIN. (CL 4000).
2. CURBS ADJACENT TO PAVEMENT OR SIDEWALK SHALL HAVE EXPANSION AND/OR CONSTRUCTION JOINTS TOMATCH EXISTING PATTERNS. 3/8" EXPANSION JOINTS SHALL BE PLACED ON BOTH SIDES OF CATCH BASINS, ALL CHANGES IN DIRECTION, AND AS DIRECTED BY THE INSPECTOR. CONTRACTION JOINTS TO BE PLACED AT 15' MAXIMUM SPACING.
3. COMPACT SUBGRADE AND CRUSHED SURFACING TOP COURSE TO 95% MAXIMUM DRY DENSITY (6" MIN. DEPTH).
4. CURB TO BE MEDIUM BROOM FINISHED, PARALLEL TO GUTTER LINE.

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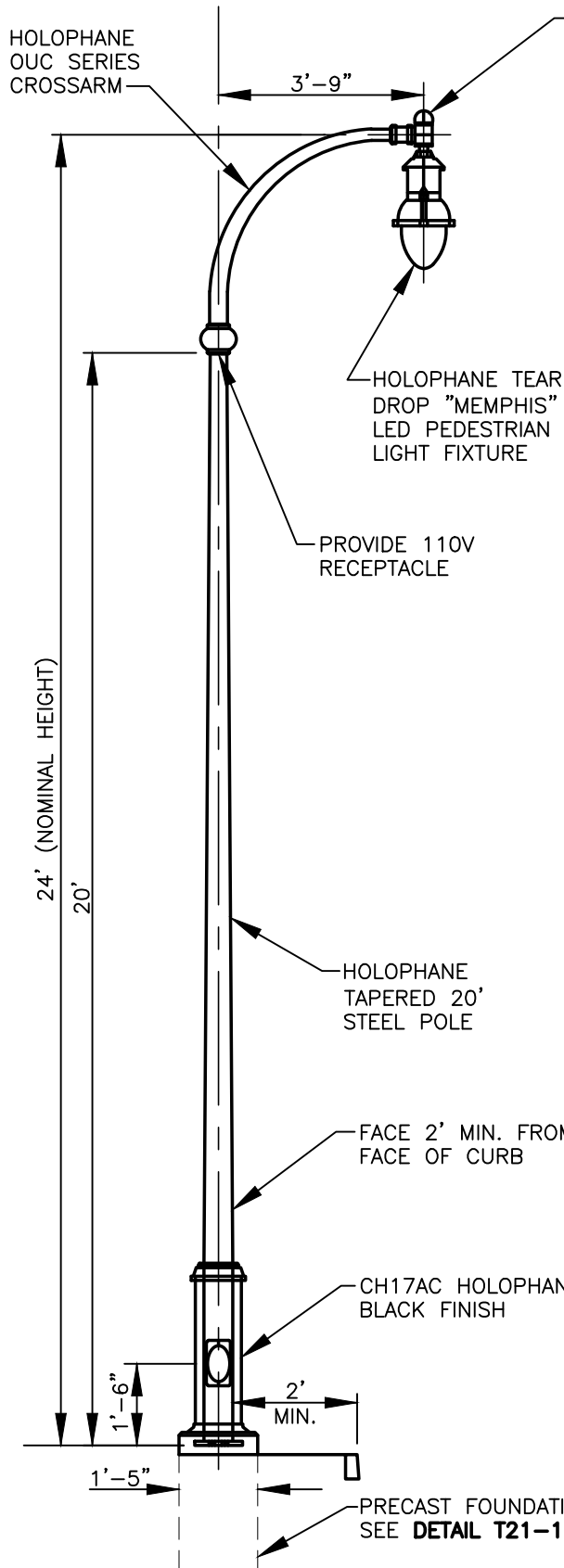
PUBLIC WORKS – STREETS
AND TRANSPORTATION

APPROVED BY: *MHA*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT REDEVELOPMENT CONCRETE VALLEY GUTTER	STANDARD PLAN NUMBER T08-30
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SPECIFICATIONS

GENERAL DESCRIPTION:

THE LIGHTING POST SHALL BE ALL STEEL, ONE PIECE CONSTRUCTION, CONSISTING OF A TAPERED SHAFT WELDED TO A STEEL ANCHOR BASE. THE SINGLE OUC SERIES ARM WILL HAVE A SPAN OF 45".

MATERIAL:

THE SHAFT SHALL CONFORM TO ASTM A595 GRADE-A AND IS SUPPLIED IN 11GA THICKNESS. THE ANCHOR BASE IS FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED CARBON STEEL PLATE CONFORMING TO ASTM A36. THE BASE PLATE TELESOPES THE POLE SHAFT AND IS CIRCUMFERENTIALLY WELDED TOP AND BOTTOM.

DIMENSIONS:

THE POST SHALL BE 20'-0" IN HEIGHT. A $\phi 3.5"$ BY 8" TENON WILL BE PROVIDED FOR ARM MOUNTING.

WIRE ACCESS:

A REINFORCING HANDHOLE RIM IS PROVIDED ON THE POST AND IS MADE OF A RECTANGULAR SHAPED TUBING MATERIAL. IT IS PROVIDED WITH ONE OR TWO STEEL ATTACHMENT BARS, STEEL COVER, AND ONE OR TWO ROUND HEAD MACHINE SCREWS. THE HANDHOLE IS WELDED IN THE POST SHAFT AND IS LOCATED 1'-6" ABOVE THE BASE.

INSTALLATION:

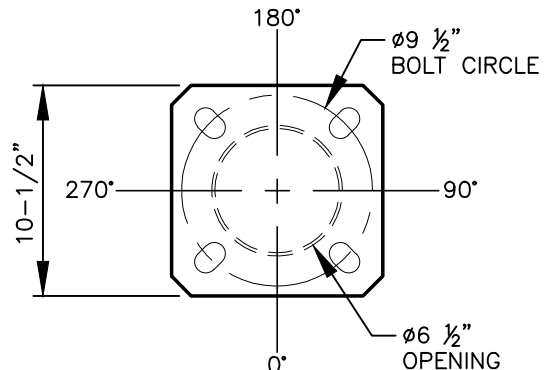
THE POST WILL USE FOR L-TYPE ANCHOR BOLTS TO BE INSTALLED ON A $\phi 9.5"$ BOLT CIRCLE.

FINISH:

THE ENTIRE POST ASSEMBLY WILL HAVE A STANDARD HOLOPHANE BLACK FINISH.

LUMINAIRE:

- MEMPHIS LED PEDESTRIAN
 - 77W 700MA DRIVER, 4 K CCT
 - AUTO-SENSING 120-277V
 - TEARDROP ASYMMETRIC
- FOR COMPLETE SPECIFICATIONS SEE LUM_MSPL.



DO NOT USE TO SET ANCHOR BOLTS
CONTACT CUSTOMER SERVICE FOR TEMPLATE

ANCHORAGE DETAIL

HOLOPHANE CATALOG #'S:
DS210-650A200P9-CH17AC-AB-27-4
-RFD170638-OUC45/1CABKH-MSPL

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TRAFFIC ENGINEER MANAGER
APPROVED DATE: 9/1/2021

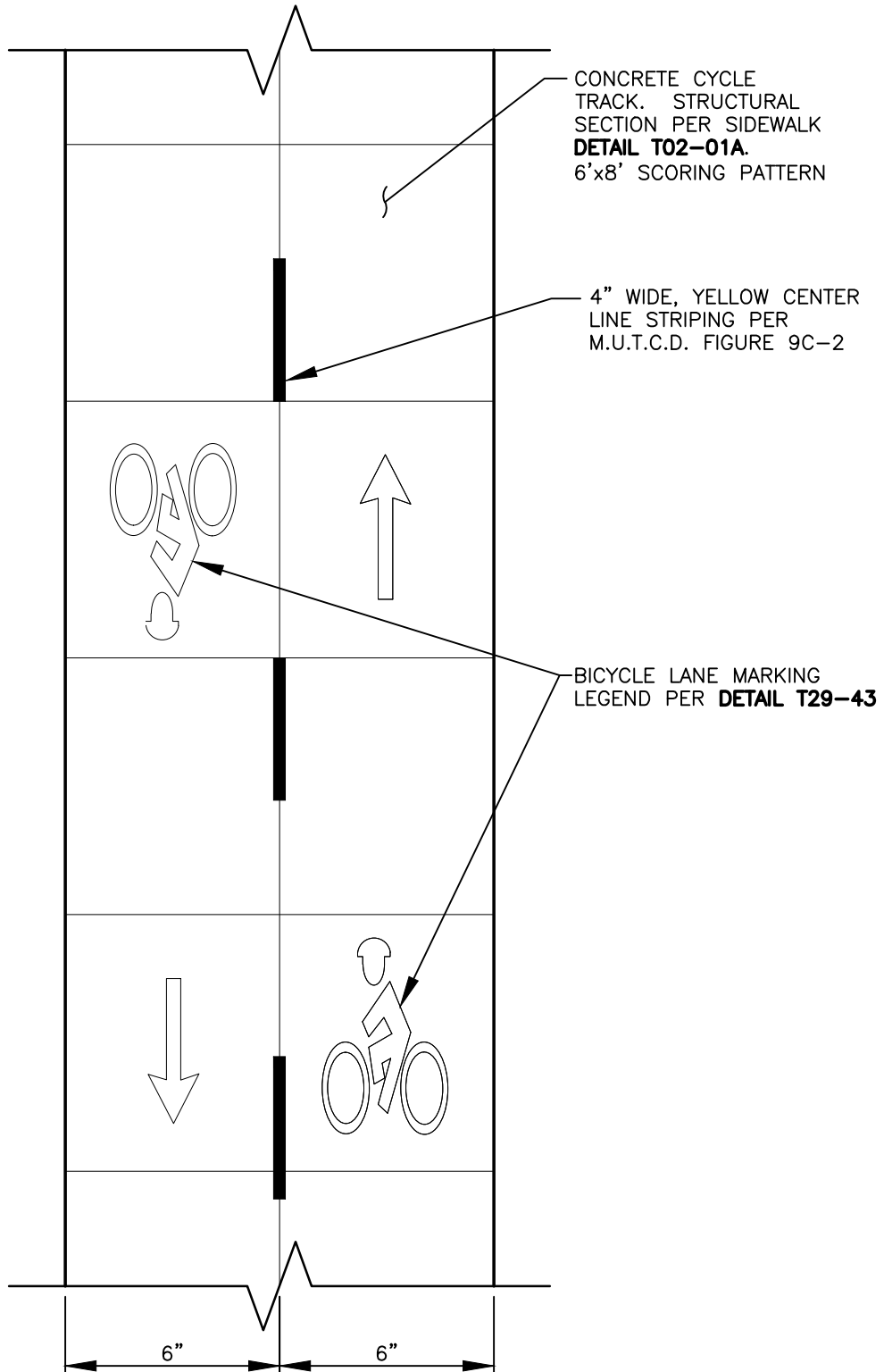
CITY OF
Vancouver
WASHINGTON

HEIGHTS DISTRICT
REDEVELOPMENT
LED STREET LIGHT STANDARD

STANDARD PLAN
NUMBER

T08-31

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TRAFFIC ENGINEER MANAGER

APPROVED DATE: 9/1/2021



HEIGHTS DISTRICT
REDEVELOPMENT
CYCLE TRACK

STANDARD PLAN
NUMBER

T08-32