

CONTACT LIST:

CITY OF RENTON
SE 5TH & 6TH ST
RENTON, WA 98058

MAYOR
ARMONDO PAVONE

CITY COUNCIL
VALERIE O'HALLORAN
JAMES ALBERSON JR.
RYAN MCIRVIN
RUTH PÉREZ
ED PRINCE
CARMEN RIVERA
KIM-KHANH V N

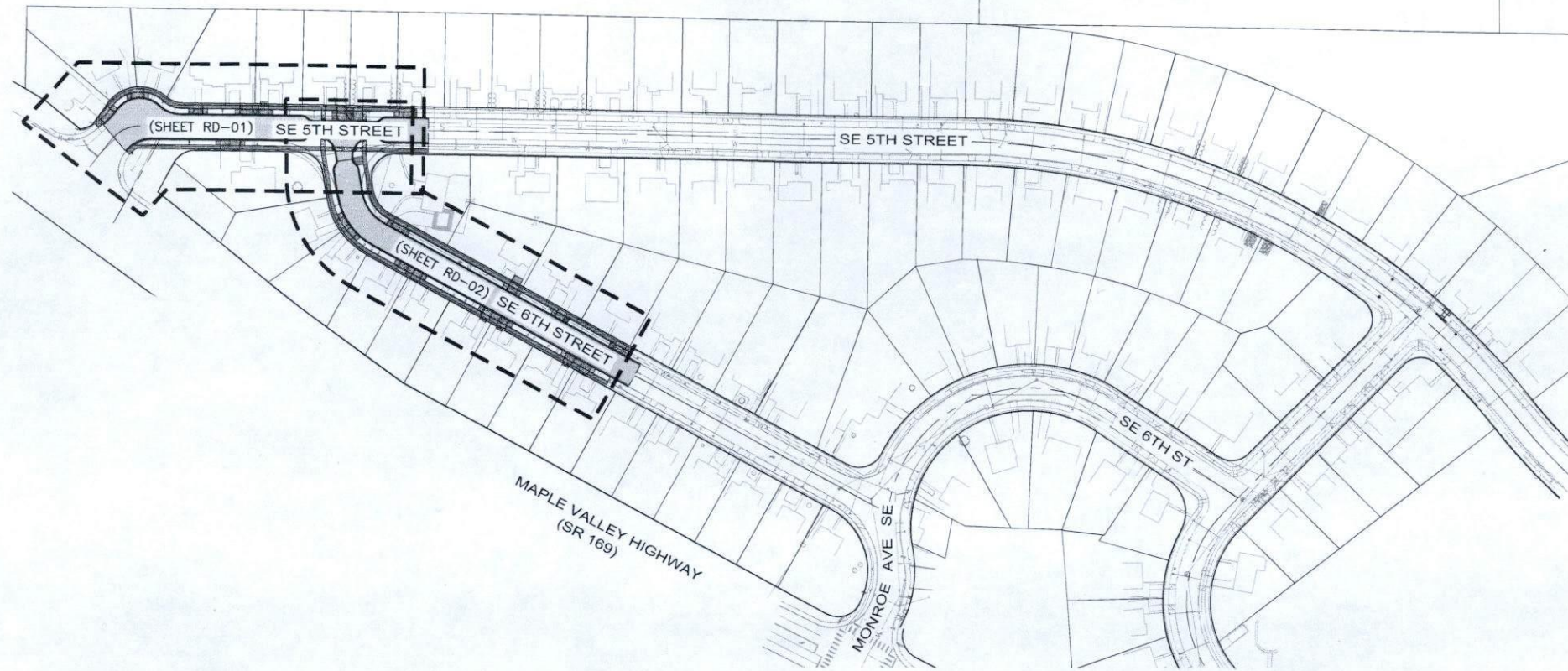
GENERAL BID INFORMATION
BUILDERS EXCHANGE OF WASHINGTON, INC.
(425)258-1303
www.bxwa.com

CITY CONTACT
JOSEF HARNDEN
(425)430-7225
JHarnden@Rentonwa.gov

BOB HANSON
(425)430-7223
Bhanson@Rentonwa.gov

CONSULTANT CONTACT
LAURA G BARTENHAGEN, PE, LEED AP
ESM CONSULTING ENGINEERS, LLC
32001 32ND AVE S, STE #200
FEDERAL WAY, WA 98001
(253)838-6113
laura.bartenhagen@esmcivil.com

PUGET SOUND ENERGY
DUSTIN WELLER
(206)379-4347



LEGEND:

- ⊞ INFORMATION SIGN
- ⊙ SANITARY SEWER MANHOLE
- STORM DRAIN CATCH BASIN
- ⊛ LUMINAIRE W/ARM
- ⊙ POWER POLE W/DROP LINE
- ⊙ POWER POLE W/DROP LINE & LIGHT
- ⊙ POWER POLE W/DROP LINE, LIGHT & TRANSFORMER
- ⊙ POWER POLE W/DROP LINE & TRANSFORMER
- ⊙ POWER POLE
- ⊙ POWER POLE W/TRANSFORMER
- ⊙ FIRE HYDRANT
- ⊙ DECIDUOUS
- ⊙ FOUND CASED MONUMENT
- ⊙ FOUND RAILROAD SPIKE
- FENCE, BOARD
- FENCE, CHAIN-LINK
- POWER, OVERHEAD
- ⊙ PK NAIL
- EG=64.3 EXISTING GRADE
- PR=65.0 PROPOSED GRADE

APPROVED FOR BID

Robert D. Jensen DATE: 09/15/2025

APPROVED FOR CONSTRUCTION

DATE: _____

CITYWIDE WALKWAY IMPROVEMENTS / SIDEWALK REHABILITATION & REPLACEMENT 2025

for
MAPLEWOOD SIDEWALK REHABILITATION
(VOLUME 2 OF 2)

prepared for
CITY OF RENTON
prepared by

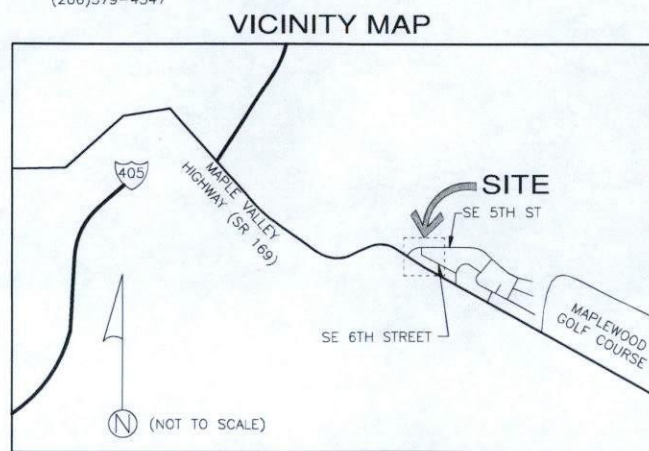


32001 32nd Ave South, Suite 200
FEDERAL WAY, WASHINGTON 98001
Phone: (253) 838-6113

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.

SHEET	DWG.	TITLE
1	CV-01	COVER SHEET
2	EX-01	EXISTING CONDITIONS
3	ER-01	EROSION CONTROL PLAN
4	DM-01	DEMOLITION PLAN
5 - 6	RD-01 - RD-02	ROAD AND STORM PLAN & PROFILES
7	DT-01	STANDARD NOTES & DETAILS
8	DT-02	CUL-DE-SAC DETAIL
9	DT-03	INTERSECTION DETAIL
10	DT-04	SIDEWALK DETAILS
11 - 13	XS-01 - XS-03	DRIVEWAY SECTION DETAILS
14	LA-01	LANDSCAPE PLAN
15 - 20	TC-01 - TC-06	TRAFFIC CONTROL PLAN



Know what's below.
Call before you dig.

NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



SURVEYED: **ESM**
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CHECK BY: **TLS**
PROJ MGR: **LOG**
FILE: CV-01.dwg

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32001 32nd Ave S, Suite 200
Federal Way, WA 98001
www.esmcivil.com
Civil Engineering | Land Surveying | Land Planning
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ESM JOB #215-009-025



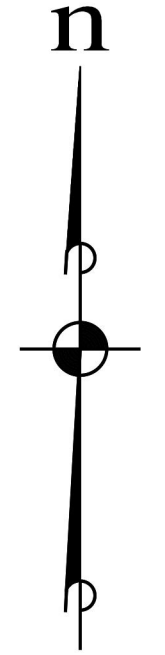
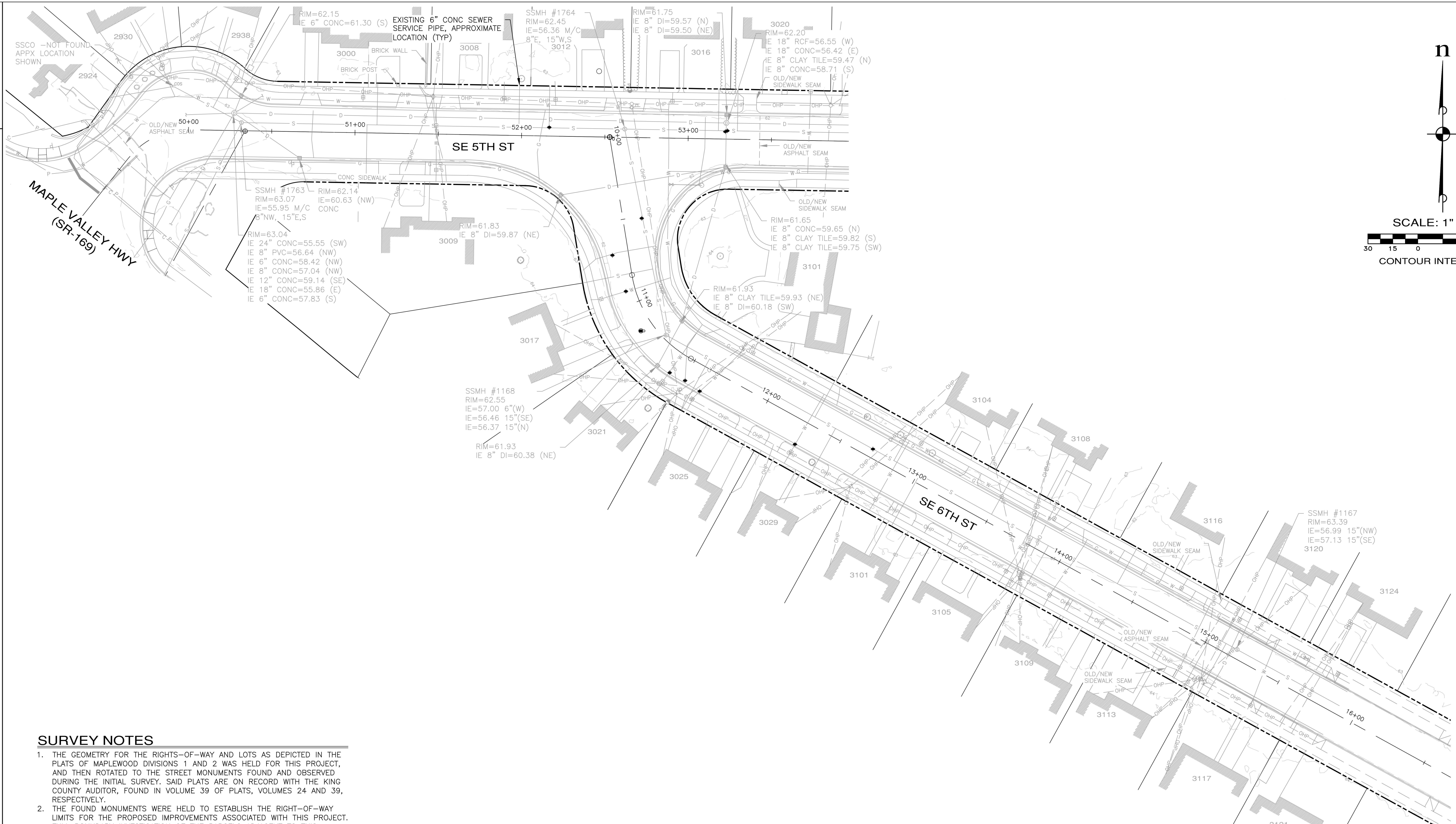
CITY OF RENTON
Public Works Department
Transportation Division

CITY OF RENTON
CITYWIDE WALKWAY IMPROVEMENTS/
MAPLEWOOD SIDEWALK REHABILITATION

COVER SHEET AND LEGEND
CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **CV-01**
PROJECT NO. **TED4004265**
FED AID NO. **N/A**
DATE: **09/15/2025**
SHEET NO. **1** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION



SCALE: 1" = 30'
 30 15 0 30 60
 CONTOUR INTERVAL = 1'

SURVEY NOTES

1. THE GEOMETRY FOR THE RIGHTS-OF-WAY AND LOTS AS DEPICTED IN THE PLATS OF MAPLEWOOD DIVISIONS 1 AND 2 WAS HELD FOR THIS PROJECT, AND THEN ROTATED TO THE STREET MONUMENTS FOUND AND OBSERVED DURING THE INITIAL SURVEY. SAID PLATS ARE ON RECORD WITH THE KING COUNTY AUDITOR, FOUND IN VOLUME 39 OF PLATS, VOLUMES 24 AND 39, RESPECTIVELY.
2. THE FOUND MONUMENTS WERE HELD TO ESTABLISH THE RIGHT-OF-WAY LIMITS FOR THE PROPOSED IMPROVEMENTS ASSOCIATED WITH THIS PROJECT. FULL BOUNDARY INVESTIGATION OF THE PARCELS ADJACENT TO THIS PROJECT HAS NOT BEEN DONE BY ESM CONSULTING ENGINEERS, LLC.

VERTICAL DATUM

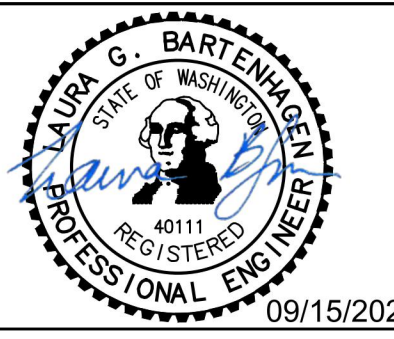
1. NAVD 88 BASED ON CITY OF RENTON SURVEY CONTROL STANDARDS.

Drawing: \\esm\pmp\ESM-CORP\215\095\011\003\pda\Maplewood Sidewalks 2025\EX-01.dwg
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Know what's below.
 Call before you dig.

NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



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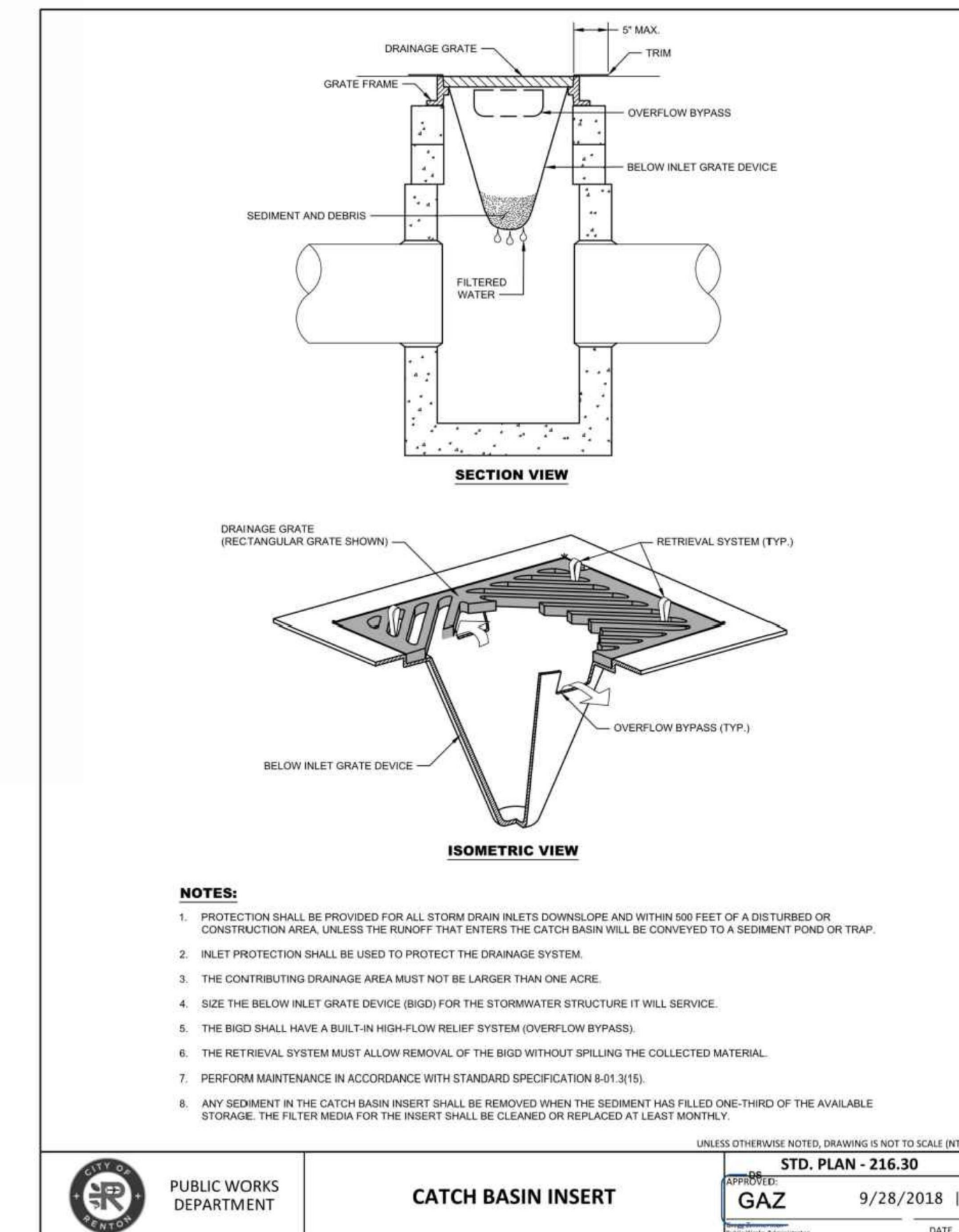
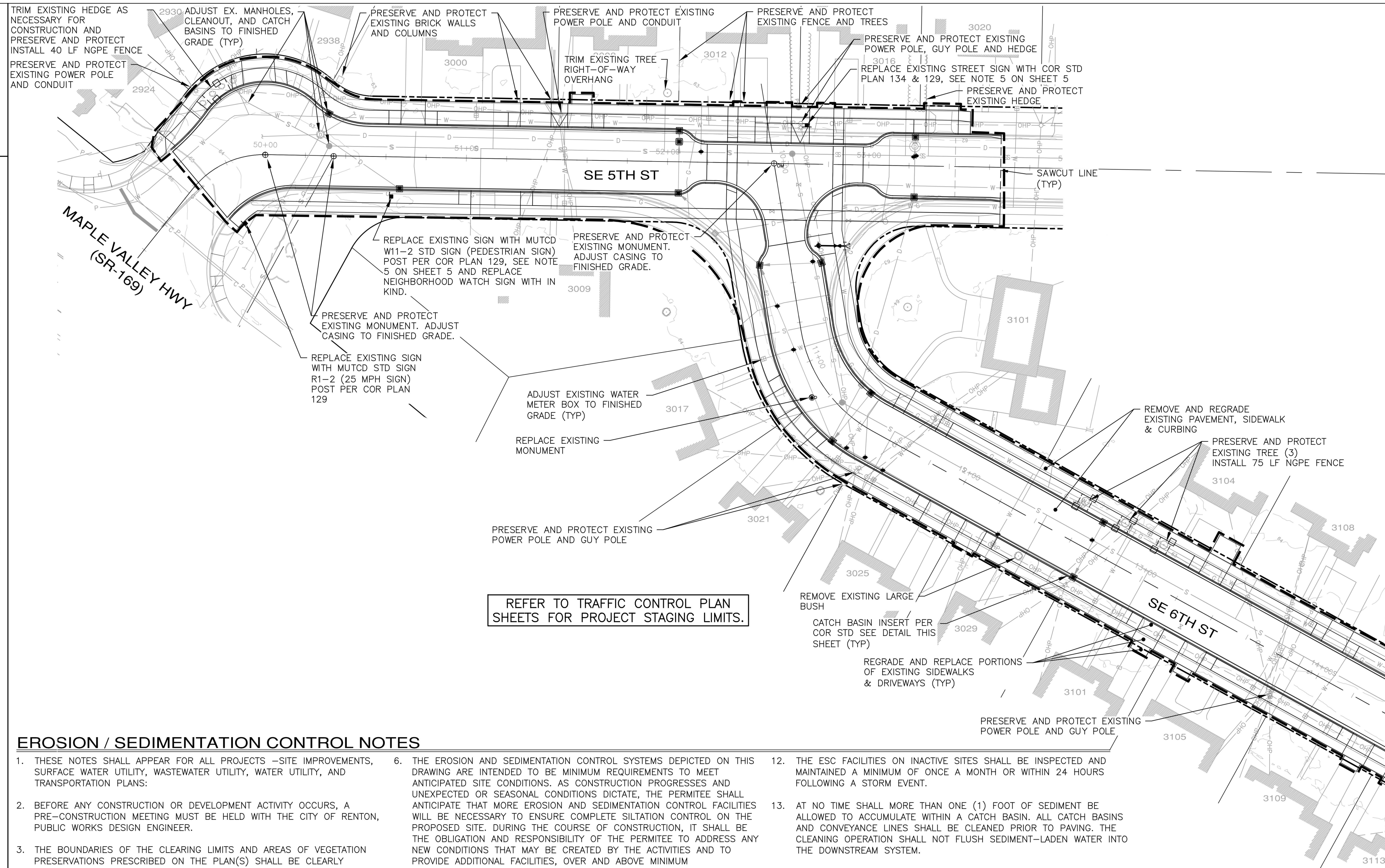
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 32001 32nd Ave S, Suite 200
 Federal Way, WA 98001
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 Public Works | Project Management | Landscape Architecture
 ESM JOB #215-009-025

CITY OF RENTON
 Public Works Department
 Transportation Division
 APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____

CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 EXISTING CONDITIONS
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **EX-01**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **2** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION

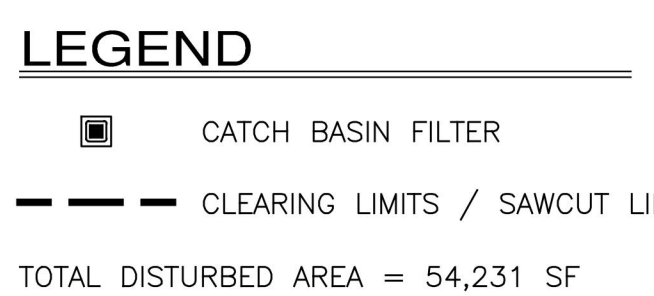
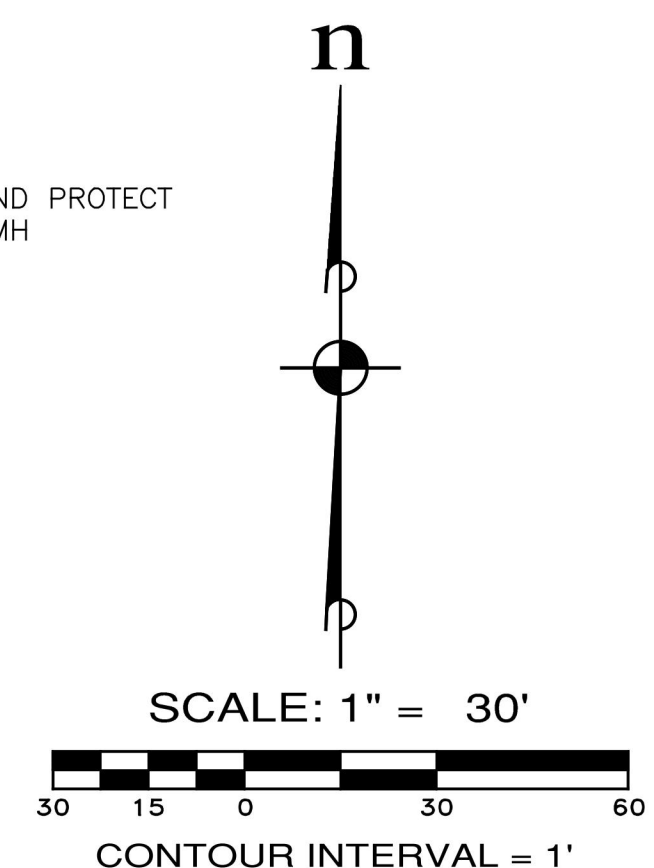


EROSION / SEDIMENTATION CONTROL NOTES

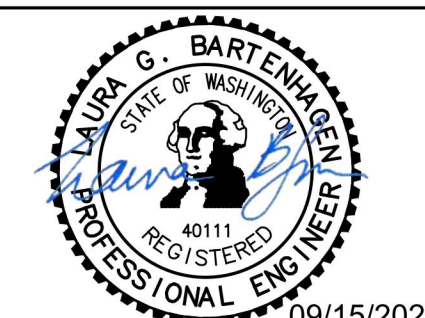
- THESE NOTES SHALL APPEAR FOR ALL PROJECTS -SITE IMPROVEMENTS, SURFACE WATER UTILITY, WASTEWATER UTILITY, WATER UTILITY, AND TRANSPORTATION PLANS:
- BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY OCCURS, A PRE-CONSTRUCTION MEETING MUST BE HELD WITH THE CITY OF RENTON, PUBLIC WORKS DESIGN ENGINEER.
- THE BOUNDARIES OF THE CLEARING LIMITS AND AREAS OF VEGETATION PRESERVATIONS PRESCRIBED ON THE PLAN(S) SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING IN THE FIELD PRIOR TO CONSTRUCTION IN ACCORDANCE WITH APPENDIX D OF THE SURFACE WATER DESIGN MANUAL AND OBSERVED DURING CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESCSUPERVISOR FOR THE DURATION OF CONSTRUCTION.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT OF WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
- ALL REQUIRED SEDIMENTATION/EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO LAND CLEARING AND/OR CONSTRUCTION TO PREVENT TRANSPORTATION OF SEDIMENT TO SURFACE WATER, DRAINAGE SYSTEMS AND ADJACENT PROPERTIES. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETE AND POTENTIAL FOR ON-SITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT AND ADDITIONS TO EROSION/SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITEE.
- THE EROSION AND SEDIMENTATION CONTROL SYSTEMS DEPICTED ON THIS DRAWING ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, THE PERMITEE SHALL ANTICIPATE THAT MORE EROSION AND SEDIMENTATION CONTROL FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE PROPOSED SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY THE ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE MINIMUM REQUIREMENTS, AS MAY BE NEEDED, TO PROTECT ADJACENT PROPERTIES AND WATER QUALITY OF THE RECEIVING DRAINAGE SYSTEM.
- APPROVAL OF THIS PLAN IS FOR EROSION/SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF STORM DRAINAGE DESIGN, SIZE NOR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON (OCTOBER 1ST THROUGH MARCH 30TH) OR SEVEN DAYS DURING THE DRY SEASON (APRIL 1ST THROUGH SEPTEMBER 30) SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC COVER METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
- WET SEASON SEASONAL EROSION AND SEDIMENT CONTROL REQUIREMENTS APPLY TO ALL CONSTRUCTION SITES CLEARING BETWEEN OCTOBER 1 AND MARCH 30 INCLUSIVE, UNLESS OTHERWISE APPROVED BY THE CITY THROUGH AN ADJUSTMENT PROCESS.
- COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE SURFACE WATER DESIGN MANUAL.
- ANY AREA NEEDING ESC MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
- THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 24 HOURS FOLLOWING A STORM EVENT.
- AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- DURING THE TIME PERIOD OF OCTOBER 1ST THROUGH MARCH 30TH, ALL PROJECT DISTRIBUTED SOIL AREAS GREATER, THAT ARE TO BE LEFT UN-WORKED FOR MORE THAN 12 HOURS, SHALL BE COVERED BY MULCH, SODDING OR PLASTIC COVERING.
- ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE ROUGH GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY.
- PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON. A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE CITY OF RENTON FOR REVIEW.

UNSUITABLE SOILS

- IF UNSUITABLE SOILS ARE ENCOUNTERED IN THE SUBGRADE, THE CITY INSPECTOR SHALL BE PRESENT TO DETERMINE EXTENT.
- AT A MINIMUM, THE CONTRACTOR SHALL EXCAVATE 18" DEEP, PLACE GEOFABRIC AND BACKFILL WITH RECYCLED CONCRETE MEETING BASE COURSE OR TOP COURSE SPECIFICATION, WITH CITY INSPECTOR APPROVAL.



NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



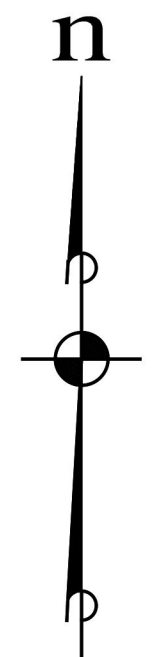
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 32001 32nd Ave S, Suite 200
 Federal Way, WA 98001
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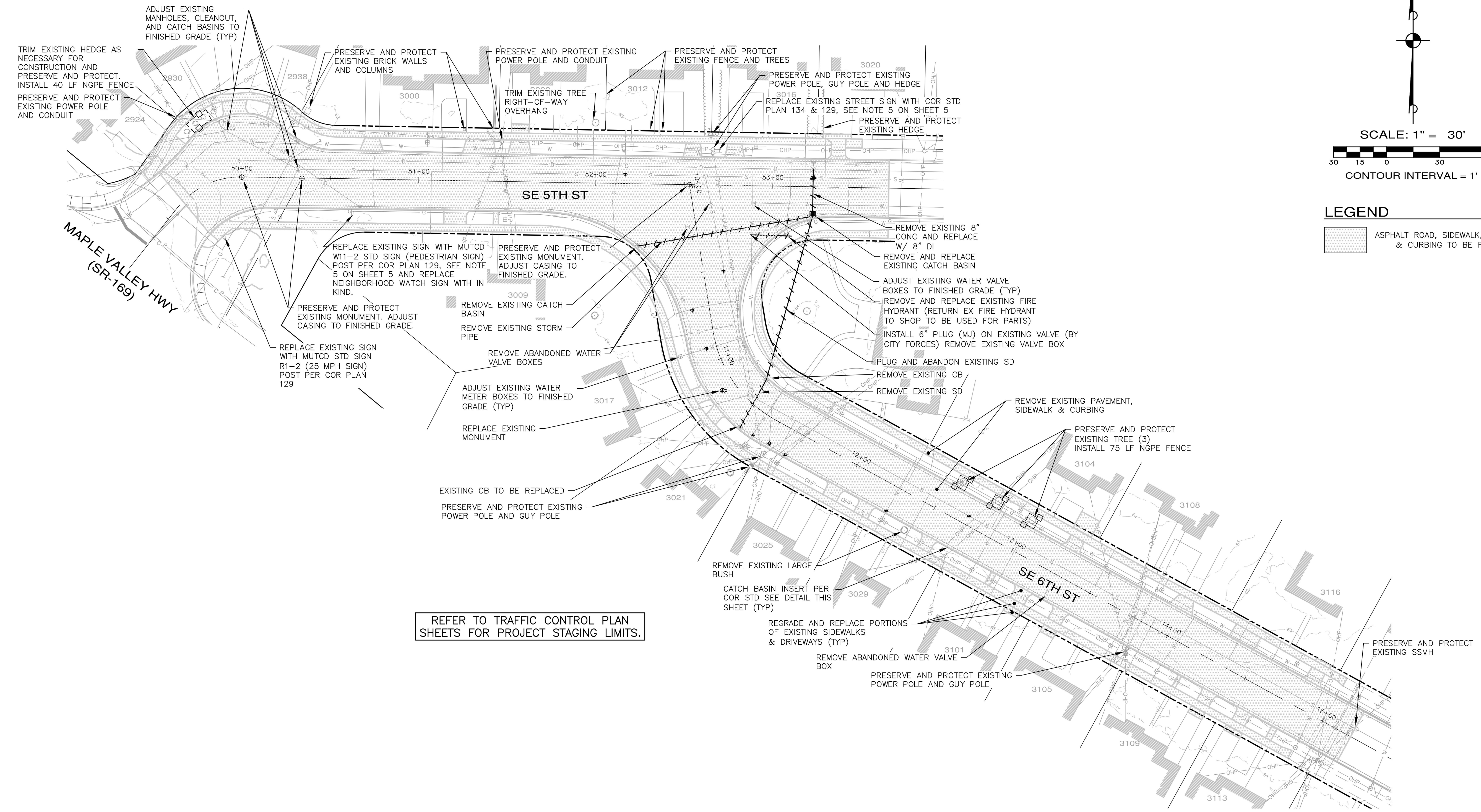
CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
EROSION CONTROL PLAN
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO.	ER-01
PROJECT NO.	TED4004265
FED AID NO.	N/A
DATE:	09/15/2025
SHEET NO.	3 OF 20



SCALE: 1" = 30'
 30 15 0 30 60
 CONTOUR INTERVAL = 1'

LEGEND
 ASPHALT ROAD, SIDEWALK, DRIVEWAY & CURBING TO BE REMOVED

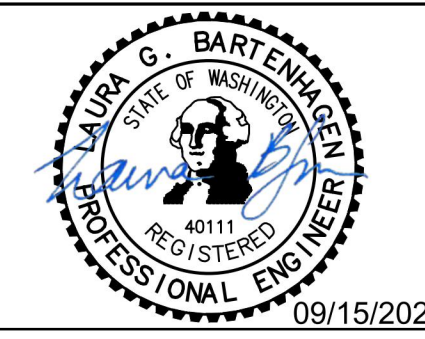


REFER TO TRAFFIC CONTROL PLAN SHEETS FOR PROJECT STAGING LIMITS.



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NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



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 32001 32nd Ave S, Suite 200
 Federal Way, WA 98001
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CITY OF RENTON
 Public Works Department
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 BY: _____ DATE: _____

CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
DEMOLITION PLAN
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **DM-01**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **4** OF **20**

CONCRETE PAVING LEGEND

- 4" CONCRETE SIDEWALK
- 6" CONCRETE DRIVEWAY & SIDEWALK
- 10" CONCRETE SIDEWALK

CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE R18 PER COR STD PLANS 104.3 & 104.2. CONSTRUCT DEPRESSED CURB AT SIDEWALK RAMPS PER STD PLAN 101. SLOPED RAMPS WITHIN SIDEWALKS SHALL BE OMITTED. (TYP)

EXISTING ADA COMPLIANT RAMPS TO REMAIN

UTILITY CROSSING INFORMATION

1 STA=52+05.58, 4.93' LT
12" SD INVERT = 58.01
15" SS CROWN = 57.51
CLEARANCE = 0.50'
SEE NOTE 2 BELOW

2 STA=52+10.48, 19.74' RT
1" GAS SERVICE = 59.41
12" SD CROWN = 59.09
CLEARANCE = 0.32'
SEE NOTE 2 BELOW

CONTRACTOR TO POTHOLE AND VERIFY EXISTING UTILITY LOCATION SIZE, TYPE, ELEVATION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PR=PROPOSED ELEVATION AT BACK OF SIDEWALK (TYP)
EX=EXISTING ELEVATION AT DRIVEWAY OR PATH (TYP)

EXISTING CB STA 50+27.28, 10.48' LT
PR=63.0
EX=63.0

PR=62.9
EX=62.9

PR=62.9
EX=63.0

PR=64.3
EX=64.4

PR=65.20
EX=65.2

PR=63.55
EX=63.55

PR=63.1
EX=63.1

PR=62.9
EX=63.01

PR=62.7
EX=62.91

PR=62.7
EX=62.81

PR=62.9
EX=62.71

PR=62.7
EX=62.61

PR=62.8
EX=62.51

PR=62.7
EX=62.41

PR=62.7
EX=62.31

PR=62.6
EX=62.37

PR=62.5
EX=62.98

PR=62.6
EX=62.98

PR=62.5
EX=62.58

PR=61.94
EX=61.84

PR=62.5
EX=61.84

PR=62.4
EX=61.99

PR=62.3
EX=62.18

PR=62.2
EX=62.2

CB #1, TYPE 2-48" W/ SOLID LOCKING LID
INSTALL NEW SADDLE STORM MH OVER EX. 24" CONC SD.
CONTRACTOR TO VERIFY LOCATION & ELEVATION PRIOR TO CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES
STA 52+05.59, 10.00' LT

REMOVE TO NEAREST JOINT (IF PRESENT) AND REGRADE PORTION OF DRIVEWAY TO PROVIDE POSITIVE DRAINAGE TO ROAD (TYP)

REPLACE EXISTING SIGN WITH MUTCD W11-2 STD SIGN (PEDESTRIAN SIGN) POST PER COR PLAN 129, SEE NOTE 5 ON THIS SHEET AND REPLACE NEIGHBORHOOD WATCH SIGN WITH IN KIND.

REPLACE EXISTING SIGN WITH MUTCD R1-2 (25 MPH SIGN) POST PER COR PLAN 129

REPLACE EXISTING SIGN WITH MUTCD R1-2 (25 MPH SIGN) POST PER COR PLAN 129

REPLACE EXISTING SIGN WITH MUTCD W11-2 STD SIGN (PEDESTRIAN SIGN) POST PER COR PLAN 129, SEE NOTE 5 ON THIS SHEET AND REPLACE NEIGHBORHOOD WATCH SIGN WITH IN KIND.

REPLACE EXISTING SIGN WITH MUTCD W11-2 STD SIGN (PEDESTRIAN SIGN) POST PER COR PLAN 129, SEE NOTE 5 ON THIS SHEET AND REPLACE NEIGHBORHOOD WATCH SIGN WITH IN KIND.

REPLACE EXISTING SIGN WITH MUTCD W11-2 STD SIGN (PEDESTRIAN SIGN) POST PER COR PLAN 129, SEE NOTE 5 ON THIS SHEET AND REPLACE NEIGHBORHOOD WATCH SIGN WITH IN KIND.

REPLACE EXISTING SIGN WITH MUTCD W11-2 STD SIGN (PEDESTRIAN SIGN) POST PER COR PLAN 129, SEE NOTE 5 ON THIS SHEET AND REPLACE NEIGHBORHOOD WATCH SIGN WITH IN KIND.

REPLACE EXISTING SIGN WITH MUTCD W11-2 STD SIGN (PEDESTRIAN SIGN) POST PER COR PLAN 129, SEE NOTE 5 ON THIS SHEET AND REPLACE NEIGHBORHOOD WATCH SIGN WITH IN KIND.

REPLACE EXISTING SIGN WITH MUTCD W11-2 STD SIGN (PEDESTRIAN SIGN) POST PER COR PLAN 129, SEE NOTE 5 ON THIS SHEET AND REPLACE NEIGHBORHOOD WATCH SIGN WITH IN KIND.

CB #9, TYPE 1 W/ THRU CURB INLET
STA 52+05.56, 15.50' LT

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

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REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

CB #2, TYPE 1 W/ THRU CURB INLET
STA 52+05.56, 15.50' RT

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

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CB #3, TYPE 1 W/ THRU CURB INLET
STA 10+48.80, 15.12' RT

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

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CB #4, TYPE 1 W/ THRU CURB INLET
STA 10+52.46, 15.35' LT

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

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REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

CB #10, TYPE 1 W/ THRU CURB INLET
STA 53+22.77, 9.68' LT

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

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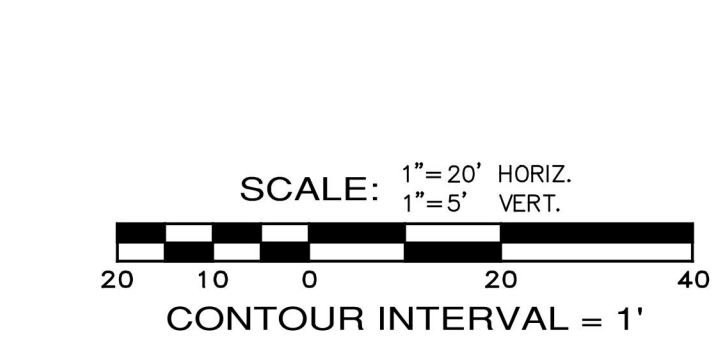
REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET

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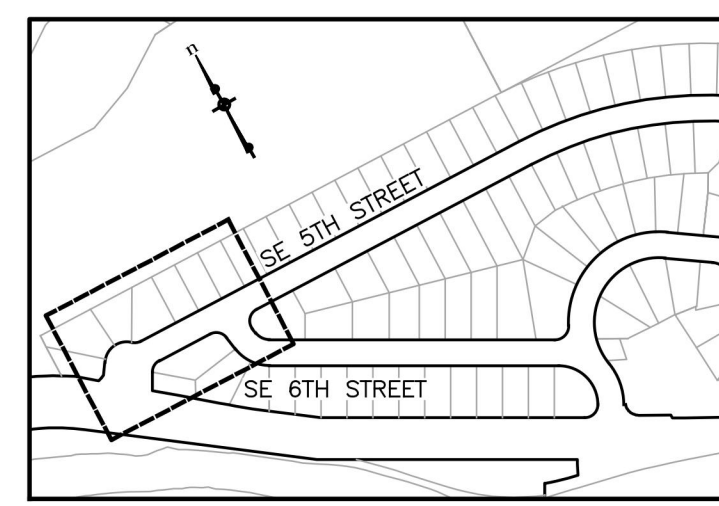
REPLACE EXISTING STREET SIGN WITH COR STD PLAN 134 & 129, SEE NOTE 5 THIS SHEET



DRIVEWAY APPROACH INFORMATION

FOR SECTION VIEWS, SEE SHEET XS-01

- 1 CEN OF 18' DWY N:177024.79 E:1307574.35
 - 2 CEN OF 16' DWY N:177050.29 E:1307609.20
 - 3 CEN OF 12' DWY STA. 50+73.17, 16.00' LT. *
 - 4 CEN OF 12' DWY STA. 51+20.92, 16.00' RT. *
 - 5 CEN OF 15' DWY STA. 51+33.98, 16.00' LT.
 - 6 CEN OF 12' DWY STA. 51+55.98, 16.00' LT. *
 - 7 CEN OF 12' DWY STA. 52+55.18, 10.00' LT.
 - 8 CEN OF 12' DWY STA. 52+76.18, 10.00' LT.
 - 9 CEN OF 16' DWY STA. 53+36.08, 16.00' LT. *
- * (REGRADE PORTION OF DRIVEWAY TO LESSEN DRIVEWAY APPROACH SLOPE)

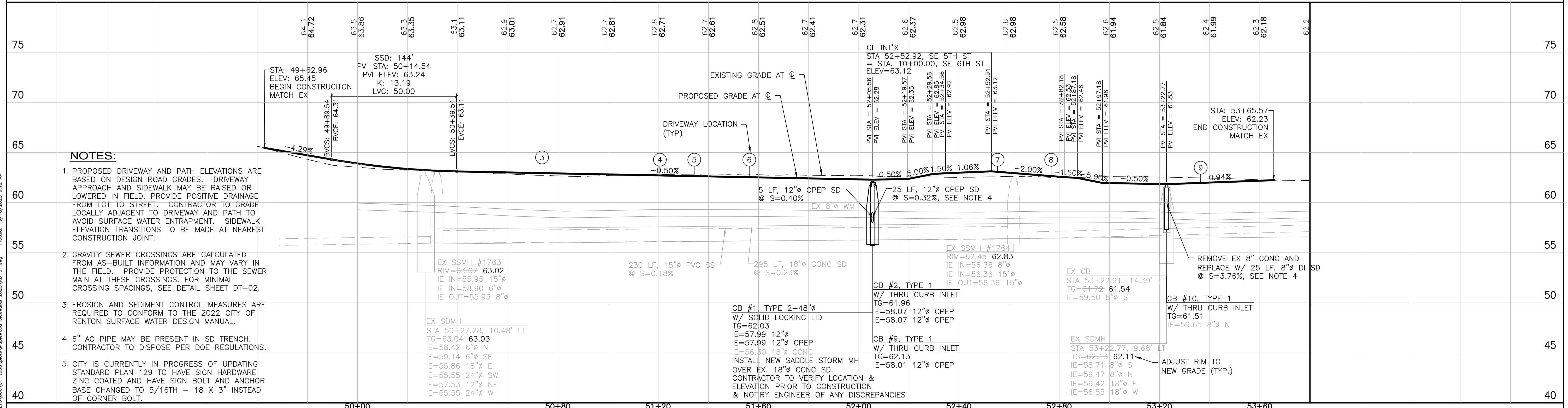


KEY MAP



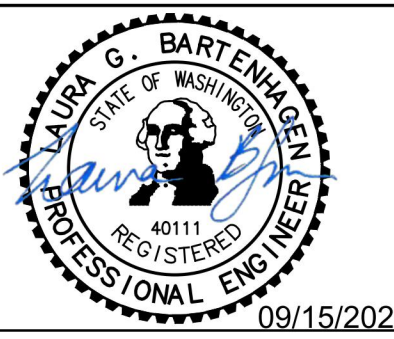
Know what's below.
Call before you dig.

SE 5TH STREET



- NOTES:**
1. PROPOSED DRIVEWAY AND PATH ELEVATIONS ARE BASED ON DESIGN ROAD GRADES. DRIVEWAY APPROACH AND SIDEWALK MAY BE RAISED OR LOWERED IN FIELD. PROVIDE POSITIVE DRAINAGE FROM LOT TO STREET. CONTRACTOR TO GRADE LOCALLY ADJACENT TO DRIVEWAY AND PATH TO AVOID SURFACE WATER ENTRAPMENT. SIDEWALK ELEVATION TRANSITIONS TO BE MADE AT NEAREST CONSTRUCTION JOINT.
 2. GRAVITY SEWER CROSSINGS ARE CALCULATED FROM AS-BUILT INFORMATION AND MAY VARY IN THE FIELD. PROVIDE PROTECTION TO THE SEWER MAIN AT THESE CROSSINGS. FOR MINIMAL CROSSING SPACINGS, SEE DETAIL SHEET DT-02.
 3. EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED TO CONFORM TO THE 2022 CITY OF RENTON SURFACE WATER DESIGN MANUAL.
 4. 6" AC PIPE MAY BE PRESENT IN SD TRENCH. CONTRACTOR TO DISPOSE PER DOE REGULATIONS.
 5. CITY IS CURRENTLY IN PROGRESS OF UPDATING STANDARD PLAN 129 TO HAVE SIGN HARDWARE ZINC COATED AND HAVE SIGN BOLT AND ANCHOR BASE CHANGED TO 5/16" - 18 X 3" INSTEAD OF CORNER BOLT.

Plotfile: 9/18/2025 8:12 AM
 Drawing: \\smc\eng\ESM\005\215\009\011\003\gms\Maplewood Sidewalks 2025\RD-01.dwg
 FILENAME:



SURVEYED BY: **ESM**
 DRAWN BY: **JWH**
 DESIGN BY: **LOB**
 CHECK BY: **TLS**
 PROJ MGR: **LOB**
 FILE: RD-01.dwg
 DATE: 09/15/2025

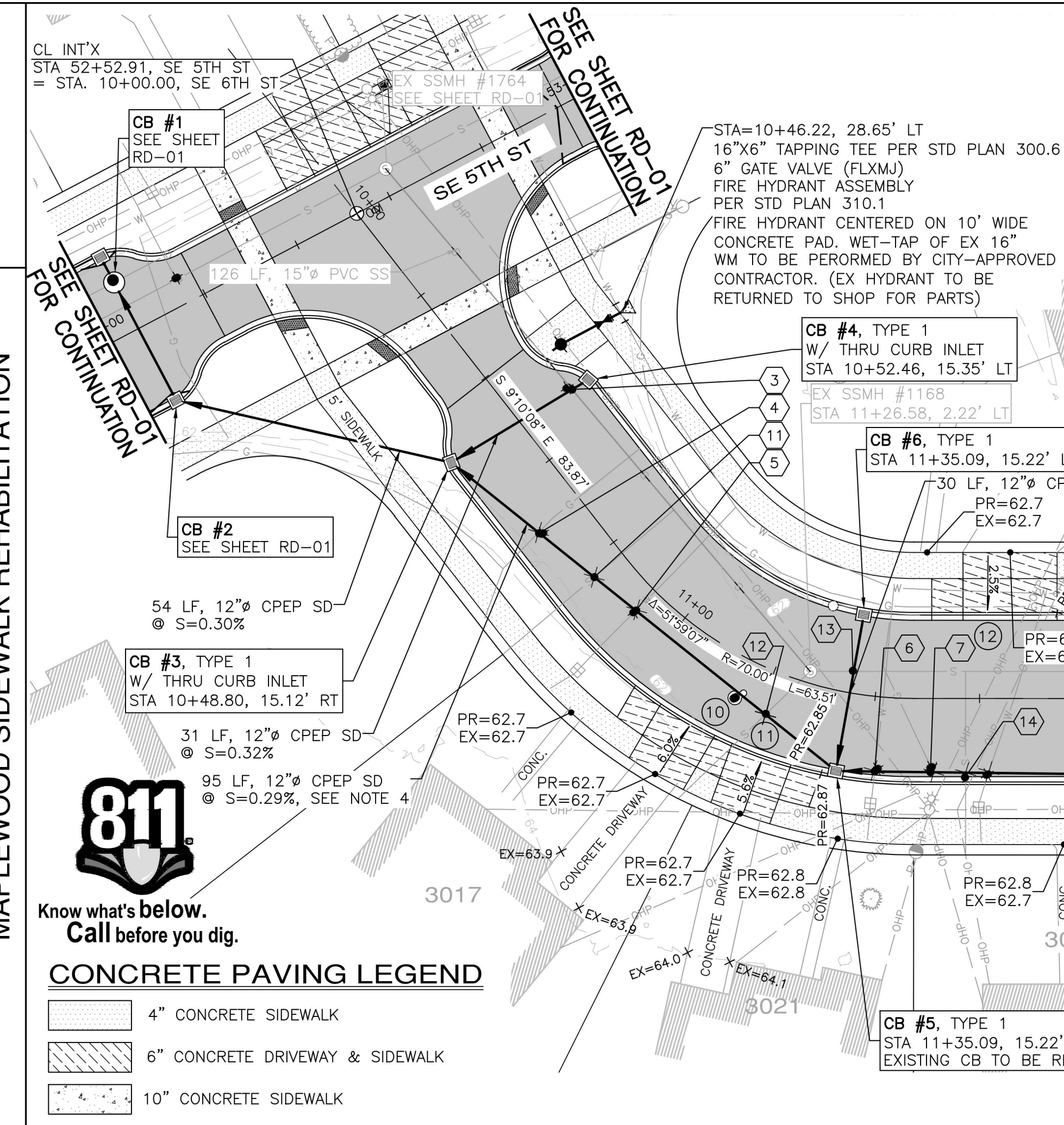
ESM CONSULTING ENGINEERS LLC
 32001 32nd Ave S, Suite 200
 Federal Way, WA 98001
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 Civil Engineering | Land Surveying | Land Planning
 Public Works | Project Management | Landscape Architecture
 ESM JOB #215-009-025

CITY OF RENTON
 Public Works Department
 Transportation Division
 APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____

CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 ROADWAY IMPROVEMENT PLANS
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **RD-01**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **5** OF **20**

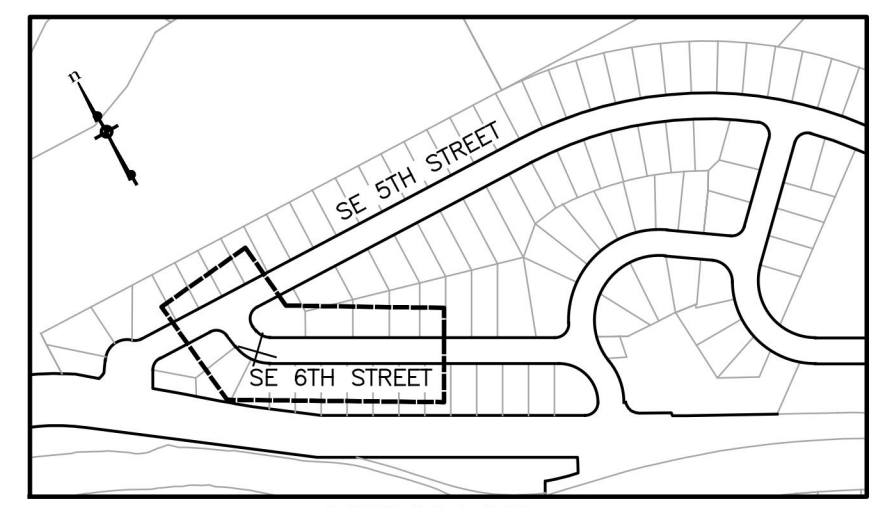
PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION



- NOTES:**
- PROPOSED DRIVEWAY AND PATH ELEVATIONS ARE BASED ON DESIGN ROAD GRADES. DRIVEWAY APPROACH AND SIDEWALK MAY BE RAISED OR LOWERED IN FIELD. PROVIDE POSITIVE DRAINAGE FROM LOT TO STREET. CONTRACTOR TO GRADE LOCALLY ADJACENT TO DRIVEWAY AND PATH TO AVOID SURFACE WATER ENTRAPMENT. SIDEWALK ELEVATION TRANSITIONS TO BE MADE AT NEAREST CONSTRUCTION JOINT.
 - GRAVITY SEWER CROSSINGS ARE CALCULATED FROM AS-BUILT INFORMATION AND MAY VARY IN THE FIELD. PROVIDE PROTECTION TO THE SEWER MAIN AT THESE CROSSINGS. FOR MINIMAL CROSSING SPACINGS, SEE DETAIL SHEET DT-02.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED TO CONFORM TO THE 2022 CITY OF RENTON SURFACE WATER DESIGN MANUAL.
 - 6" AC PIPE MAY BE PRESENT IN SD TRENCH. CONTRACTOR TO DISPOSE PER DOE REGULATIONS.

DRIVEWAY APPROACH INFORMATION

- | | |
|---|---|
| 10 CEN OF 12' DWY STA. 11+10.36, 16.00' RT. | 16 CEN OF 12' DWY STA. 13+29.74, 16.00' LT. * (REGRADE PORTION OF DRIVEWAY TO LESSEN DRIVEWAY APPROACH SLOPE) |
| 11 CEN OF 12' DWY STA. 11+23.11, 16.00' RT. | 17 CEN OF 12' DWY STA. 13+40.08, 16.00' RT. * |
| 12 CEN OF 18' DWY STA. 11+65.84, 16.00' LT. | 18 CEN OF 12' DWY STA. 13+99.21, 16.00' LT. |
| 13 CEN OF 12' DWY STA. 11+95.35, 16.00' RT. | 19 CEN OF 12' DWY STA. 14+35.42, 16.00' RT. * |
| 14 CEN OF 12' DWY STA. 12+15.49, 16.00' RT. * | 20 CEN OF 12' DWY STA. 14+58.62, 16.00' RT. * |
| 15 CEN OF 12' DWY STA. 13+16.24, 16.00' RT. * | 21 CEN OF 12' DWY STA. 14+84.29, 16.00' LT. * |

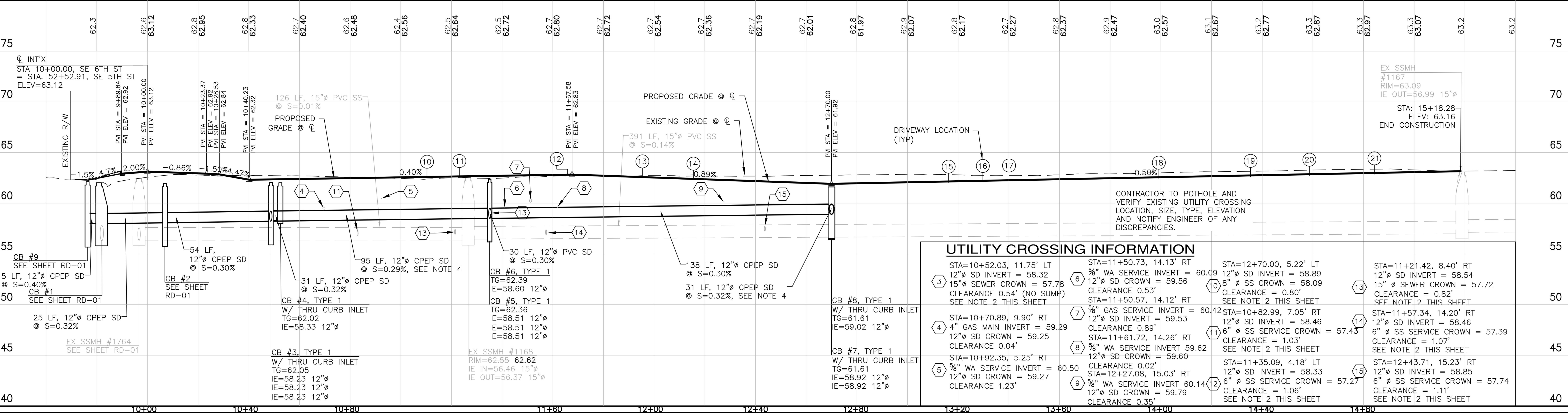
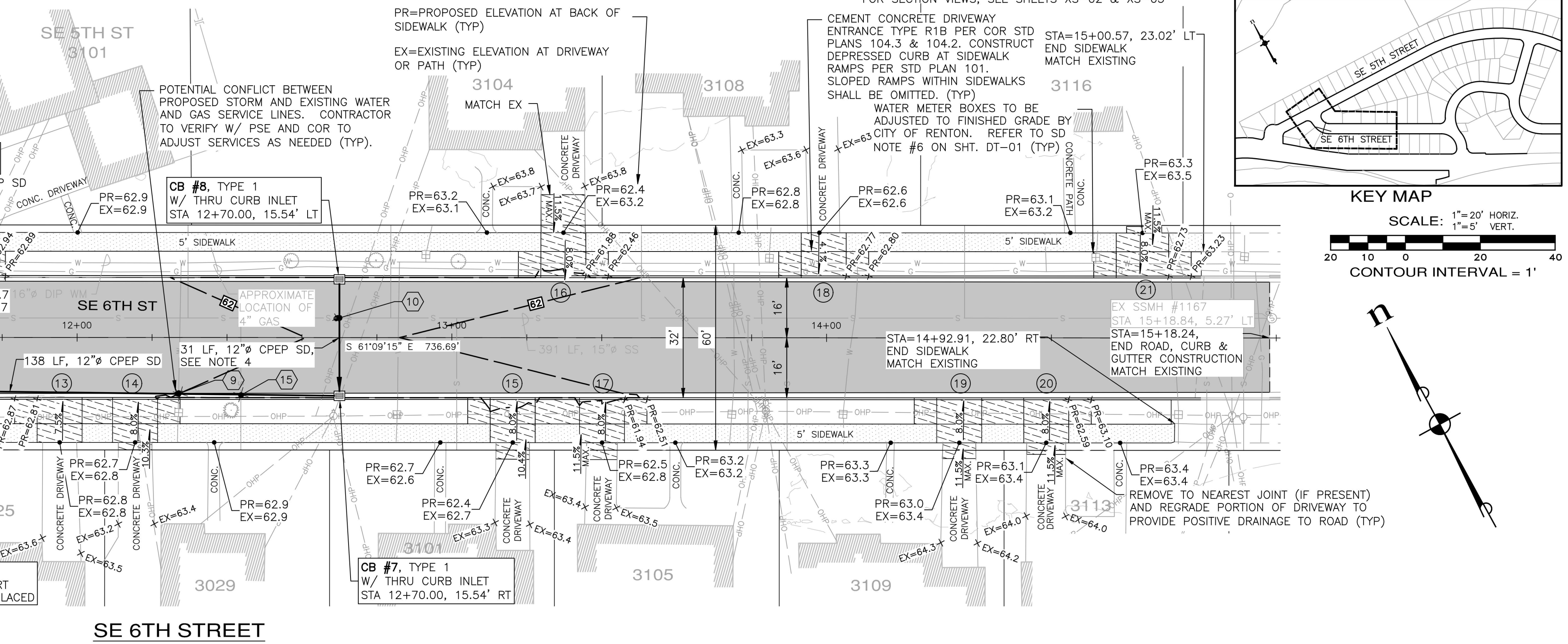


KEY MAP
 SCALE: 1"=20' HORIZ.
 1"=5' VERT.
 CONTOUR INTERVAL = 1'



CONCRETE PAVING LEGEND

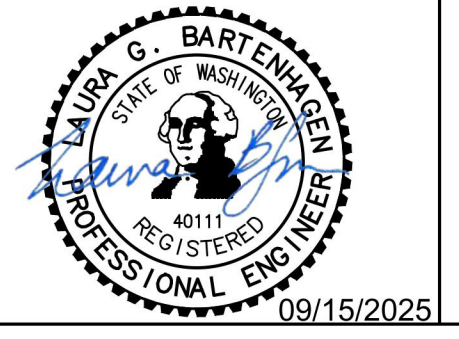
	4" CONCRETE SIDEWALK
	6" CONCRETE DRIVEWAY & SIDEWALK
	10" CONCRETE SIDEWALK



UTILITY CROSSING INFORMATION

3 STA=10+52.03, 11.75' LT 12" SD INVERT = 58.32 15" S WER CROWN = 57.78 CLEARANCE 0.54' (NO SUMP) SEE NOTE 2 THIS SHEET	6 STA=11+50.73, 14.13' RT % WA SERVICE INVERT = 60.09 12" SD CROWN = 59.56 CLEARANCE 0.53' STA=11+50.57, 14.12' RT % GAS SERVICE INVERT = 60.42 12" SD INVERT = 59.53 CLEARANCE 0.89'	10 STA=12+70.00, 5.22' LT 12" SD INVERT = 58.89 8" SS CROWN = 58.09 CLEARANCE = 0.80' SEE NOTE 2 THIS SHEET	13 STA=11+21.42, 8.40' RT 12" SD INVERT = 58.54 15" S WER CROWN = 57.72 CLEARANCE = 0.82' SEE NOTE 2 THIS SHEET
4 STA=10+70.89, 9.90' RT 12" SD INVERT = 59.29 12" SD CROWN = 59.25 CLEARANCE 0.04'	7 STA=10+82.99, 7.05' RT 12" SD INVERT = 58.46 4" GAS MAIN INVERT = 59.29 12" SD CROWN = 59.25 CLEARANCE 0.04'	11 STA=10+82.99, 7.05' RT 12" SD INVERT = 58.46 6" SS SERVICE CROWN = 57.43 CLEARANCE = 1.03' SEE NOTE 2 THIS SHEET	14 STA=11+57.34, 14.20' RT 12" SD INVERT = 58.46 6" SS SERVICE CROWN = 57.39 CLEARANCE = 1.07' SEE NOTE 2 THIS SHEET
5 STA=10+92.35, 5.25' RT % WA SERVICE INVERT = 60.50 12" SD CROWN = 59.27 CLEARANCE 1.23'	8 STA=10+92.35, 5.25' RT 12" SD CROWN = 59.60 % WA SERVICE INVERT = 59.62 12" SD INVERT = 59.60 CLEARANCE 0.02'	12 STA=12+27.08, 15.03' RT 6" SS SERVICE CROWN = 57.27 CLEARANCE = 1.06' SEE NOTE 2 THIS SHEET	15 STA=12+43.71, 15.23' RT 12" SD INVERT = 58.85 6" SS SERVICE CROWN = 57.74 CLEARANCE = 1.11' SEE NOTE 2 THIS SHEET

NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



SURVEYED: **ESM**
 DRAWN BY: **JH**
 DESIGN BY: **LOB**
 CHECK BY: **TLS**
 PROJ MGR: **LOB**
 FILE: RD-02.dwg

ESM CONSULTING ENGINEERS, LLC
 32001 32nd Ave S, Suite 200
 Federal Way, WA 98001
 www.esmcivil.com
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 ESM JOB #215-009-025

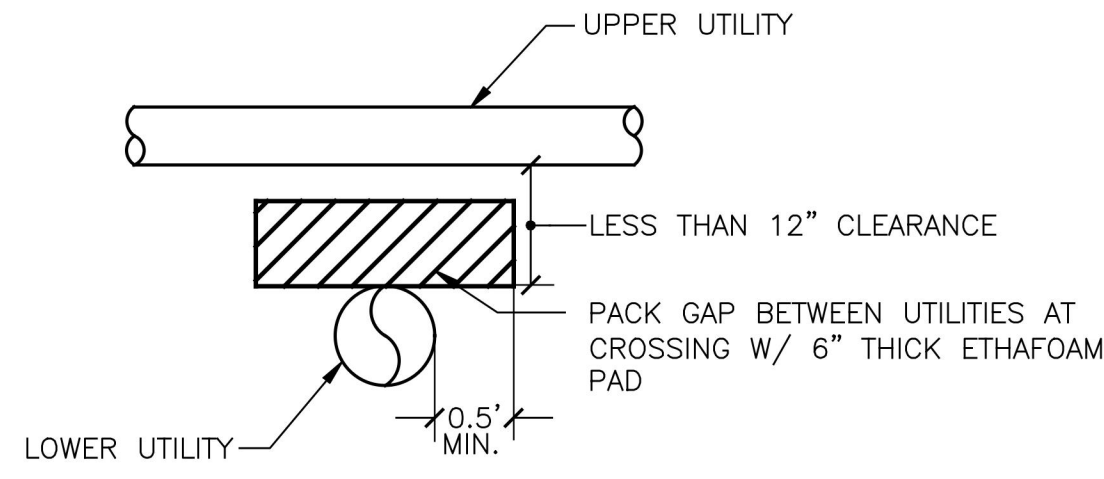
CITY OF RENTON
 Public Works Department
 Transportation Division
 APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____

CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 ROADWAY IMPROVEMENT PLANS
 CITY OF RENTON CONTRACT NO. CAG-25-290

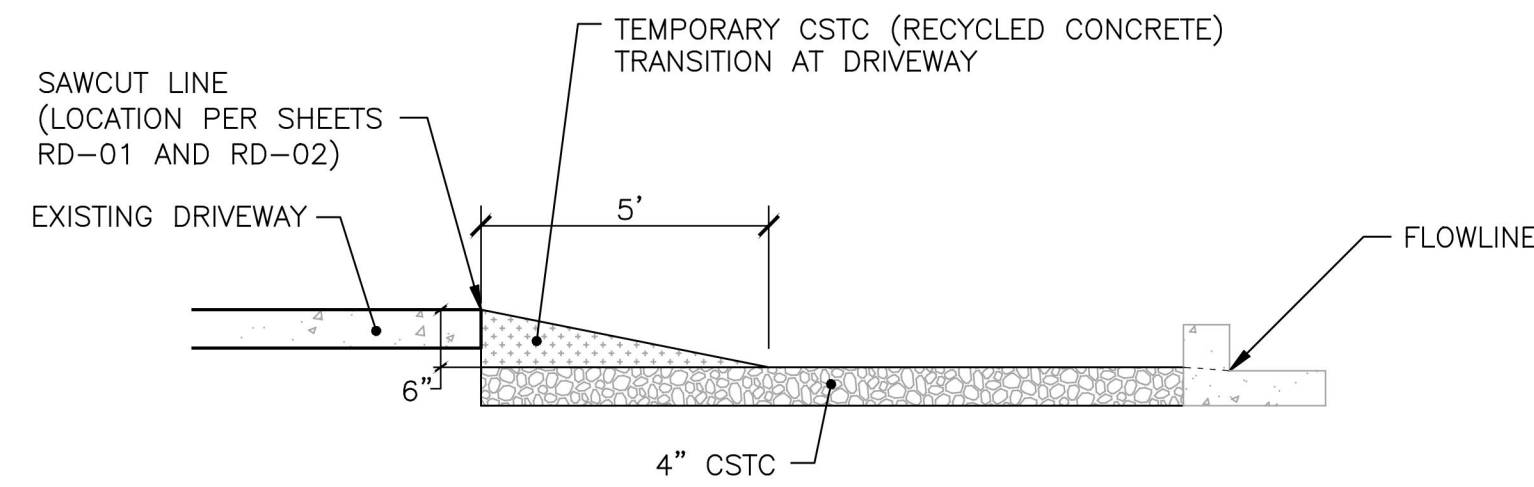
DRAWING NO. **RD-02**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **6** OF **20**

GENERAL NOTES

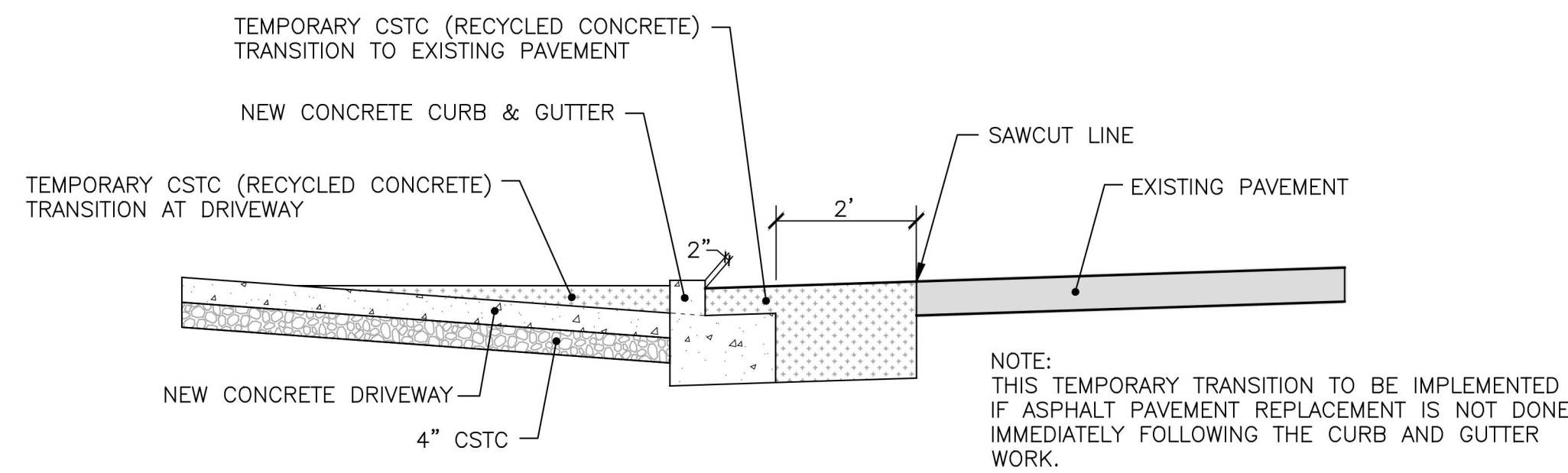
- IMPROVEMENTS SHALL BE CONSTRUCTED TO MATCH THE ELEVATIONS SHOWN.
- THE HOURS OF WORK IN THE STREET RIGHT OF WAY SHALL BE LIMITED TO 8:30 AM TO 3:30 PM ON WEEKDAYS UNLESS OTHERWISE APPROVED IN WRITING BY THE PUBLIC WORKS DEPARTMENT AT (425) 430-7301. THE POLICE DEPARTMENT, FIRE DEPARTMENT, AND 911 SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF ANY WORK IN THE RIGHT OF WAY.
- ALL LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE TRUE AND CORRECT LOCATION SO AS TO AVOID DAMAGE OR DISTURBANCE. FOR UTILITY LOCATES, CALL 48-HOUR LOCATORS 811.
- WATER METER BOXES SHALL BE ADJUSTED TO FINISHED GRADE.
- THE CONTRACTOR SHALL "FIELD FIT" THE SIDEWALK AROUND EXISTING OBSTRUCTIONS AT THE DIRECTION OF THE ENGINEER, TO INCLUDE BUT NOT BE LIMITED TO UTILITY POLES AND FENCES.
- ALL WOODEN SIGN POST TO BE REPLACED PER COR PLAN 129.



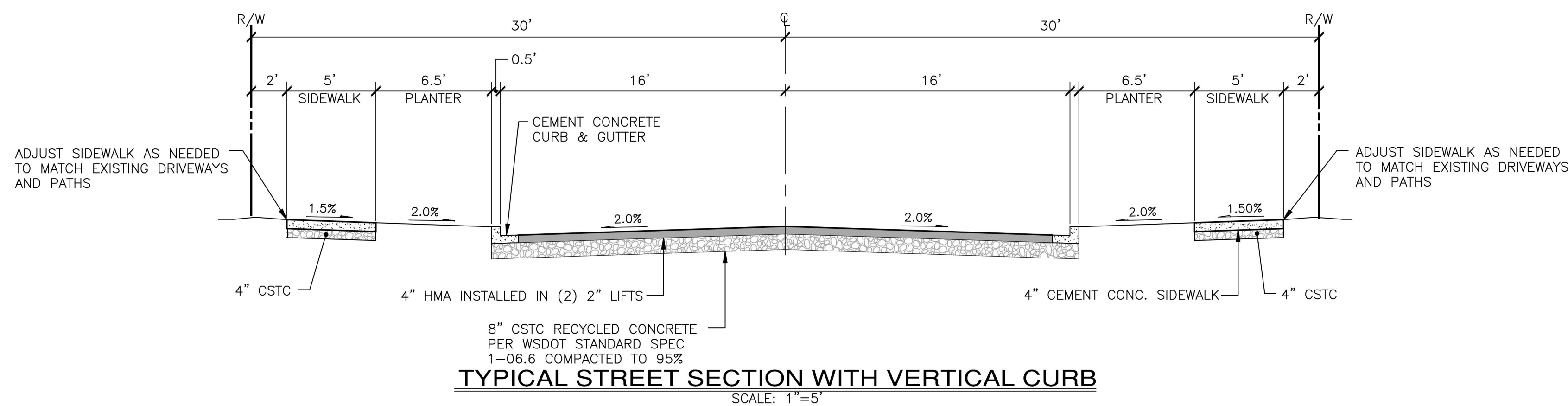
EATHAFOAM INSTALLATION DETAIL
NOT TO SCALE



TEMPORARY TRANSITION TO EXISTING DRIVEWAY DETAIL
NOT TO SCALE



TYPICAL INTERIM CURB TRANSITION DETAIL
NOT TO SCALE



TYPICAL STREET SECTION WITH VERTICAL CURB
SCALE: 1"=5'

STORM DRAINAGE NOTES:

- BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY OCCURS, A PRE-CONSTRUCTION MEETING SHALL BE HELD AMONG THE CITY OF RENTON, HEREBY REFERRED TO AS THE CITY, THE APPLICANT, AND THE APPLICANT'S CONTRACTOR.
- THE APPLICANT SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY CITY, STATE, AND FEDERAL PERMITS PRIOR TO CONSTRUCTION.
- ALL STORM DRAINAGE IMPROVEMENTS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF RENTON SURFACE WATER DESIGN MANUAL (RENTON SWDM), RENTON MUNICIPAL CODE (RMC), AND THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION PREPARED BY WSDOT AND THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA). IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT TO CORRECT ANY ERROR, OMISSION OR VARIATION FROM THE ABOVE REQUIREMENTS FOUND IN THE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST TO THE CITY.
- APPROVAL OF THE ROAD, GRADING, PARKING, BUILDING, AND DRAINAGE PLAN DOES NOT CONSTITUTE AS APPROVAL OF ANY OTHER CONSTRUCTION (E.G. WATER, SEWER, GAS, ELECTRICAL, ETC.). PLANS FOR STRUCTURES SUCH AS BRIDGES, VAULTS, AND RETAINING WALLS REQUIRE A SEPARATE REVIEW AND APPROVAL BY THE CITY PRIOR TO CONSTRUCTION. THE SURFACE WATER DRAINAGE SYSTEM SHALL BE CONSTRUCTED ACCORDING TO THE APPROVED PLANS. ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE COORDINATION FOLLOWED BY WRITTEN APPROVAL FROM THE CITY.
- A COPY OF THE APPROVED PLANS SHALL BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHALL THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE APPLICANT AND THE APPLICANT'S CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON THAT MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. THE APPLICANT SHALL RECORD ON THE AS-BUILT DRAWINGS ALL UNDOCUMENTED UTILITIES DISCOVERED AND ANY CHANGES TO THE APPROVED PLANS. THE APPLICANT SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD IF A CONFLICT EXISTS.
- VERTICAL DATUM SHALL BE NAVD 88 AND HORIZONTAL DATUM SHALL BE NAD 83 (WA STATE PLANE, NORTH), UNLESS OTHERWISE APPROVED BY THE CITY. REFERENCE BENCHMARK, DATUM, AND ELEVATIONS SHALL BE NOTED ON THE PLANS.
- ALL UTILITY TRENCH BACKFILL AND ROADWAY SUBGRADE SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY PER SECTION 2-03.3(14)D - COMPACTION AND MOISTURE CONTROL TESTS OF THE WSDOT STANDARD SPECIFICATIONS. IN PERMEABLE PAVEMENT AND OTHER INFILTRATION AREAS, ALL TRENCH BACKFILL SHALL BE FIRM AND UNYIELDING BUT IN NO CASE SHALL BE COMPACTED TO MORE THAN 92% OF MAXIMUM DRY DENSITY.
- OPEN CUTTING OF EXISTING ROADWAYS FOR STORM DRAINAGE WORK IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY AND NOTED ON THESE APPROVED PLANS. ANY OPEN CUT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY TRENCH RESTORATION STANDARDS.
- ALL PIPE AND STRUCTURES SHALL BE STAKED FOR SURVEY LINE AND GRADE PRIOR TO THE START OF CONSTRUCTION. WHERE SHOWN ON THE PLANS OR WHERE DIRECTED BY THE CITY, THE EXISTING MANHOLES, CATCH BASINS, OR INLETS SHALL BE ADJUSTED TO THE GRADE AS STAKED.
- ALL FLOW CONTROL FACILITIES SHALL BE INSTALLED AND IN OPERATION PRIOR TO, OR IN CONJUNCTION WITH, ANY CONSTRUCTION ACTIVITY UNLESS OTHERWISE APPROVED BY THE CITY.
- ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH THE CURRENT STATE OF WASHINGTON STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION. THIS SHALL INCLUDE NECESSARY LEVELING OF THE TRENCH BOTTOM OR THE TOP OF THE FOUNDATION MATERIAL, AS WELL AS PLACEMENT AND COMPACTION OF REQUIRED BEDDING MATERIAL TO UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF THE PIPE WILL BE SUPPORTED ON A UNIFORMLY DENSE, UNYIELDING BASE. ALL PIPE BEDDING AND BACKFILL SHALL BE AS SHOWN ON THE CITY STANDARD PLAN 220.00, 220.10, AND 220.20.
- STEEL PIPE SHALL BE ALUMINIZED, OR GALVANIZED WITH ASPHALT TREATMENT 1, 2, OR 5 INSIDE AND OUTSIDE.
- ALL DRAINAGE STRUCTURES SUCH AS CATCH BASINS AND MANHOLES SHALL BE FITTED WITH DUCTILE IRON, BOLT-LOCKING LIDS PER THE CITY STANDARD PLAN 204.10, 204.20, 204.30, 204.40, AND 204.50. STRUCTURES SHALL HAVE: RECTANGULAR OR ROUND, SOLID LIDS WHEN NOT COLLECTING RUNOFF, AND OUTSIDE OF THE ROADWAY. ROUND, SOLID LIDS WHEN NOT COLLECTING RUNOFF, AND LOCATED WITHIN THE ROADWAY, BUT OUTSIDE OF THE CURB/GUTTER LINE. ROUND, SOLID LIDS DISPLAYING THE CITY LOGO WHEN WITHIN THE PUBLIC RIGHT-OF-WAY OR IN AN EASEMENT TO THE CITY. PRIVATE STRUCTURE LIDS OUTSIDE PUBLIC RIGHT-OF-WAY AND EASEMENTS TO THE CITY SHALL NOT DISPLAY THE CITY LOGO.
- BUILDINGS AND OTHER STRUCTURES SHALL BE PLACED IN ACCORDANCE WITH TABLE 4.1 EASEMENT WIDTHS AND BUILDING SETBACKS LINES OF THE RENTON SWDM.
- LIDS OF MANHOLES/ CATCH BASINS WITHIN PUBLIC RIGHT-OF-WAY SHALL NOT BE ADJUSTED TO FINAL GRADE UNTIL AFTER PAVING. ALL MANHOLE/ CATCH BASIN RIMS SHALL BE ADJUSTED TO BE FLUSH WITH FINAL FINISHED GRADES, UNLESS OTHERWISE SHOWN.
- ALL DRIVEWAY CULVERTS LOCATED WITHIN CITY RIGHT-OF-WAY SHALL BE OF SUFFICIENT LENGTH TO PROVIDE A MINIMUM 3:1 SLOPE FROM THE EDGE OF THE DRIVEWAY TO THE BOTTOM OF THE DITCH.
- ROCK FOR EROSION PROTECTION OF ROADSIDE DITCHES, WHERE REQUIRED, SHALL BE OF SOUND QUARRY ROCK PLACED TO A MINIMUM DEPTH OF ONE (1) FOOT AND SHALL MEET THE FOLLOWING SPECIFICATIONS:
4 - 8 INCH ROCK / 40 - 70% PASSING;
2 - 4 INCH ROCK / 30 - 40% PASSING; AND
LESS THAN 2 INCH ROCK / 10 - 20% PASSING.
- FOOTING DRAINAGE SYSTEMS AND ROOF DOWNSPOUT SYSTEMS SHALL NOT BE INTERCONNECTED AND SHALL SEPARATELY CONVEY COLLECTED FLOWS TO THE CONVEYANCE SYSTEM OR FLOW CONTROL FACILITY ON THE SITE, UNLESS APPROVED BY THE CITY. FOOTING DRAINS SHALL NOT BE CONNECTED TO ON-SITE BMPs.
- THE END OF EACH STORM DRAIN STUB SHALL BE CAPPED. A CLEANOUT TOPPED WITH A BOLT-LOCKING LID MARKED "STORM" OR "DRAIN" SHALL BE LOCATED AT THE PROPERTY LINE OR AT THE POINT OF CONNECTION OF A PRIVATE STORM DRAINAGE CONVEYANCE SYSTEM PER THE CITY STANDARD PLAN 227.00.
- ALL STORM SYSTEM EXTENSIONS SHALL BE STAKED FOR LINE AND GRADE BY A SURVEYOR LICENSED IN WASHINGTON STATE, AND CUT SHEETS SHALL BE PROVIDED TO THE CITY PRIOR TO CONSTRUCTION.
- ALL NEWLY-INSTALLED AND NEWLY-REHABILITATED (PUBLIC AND PRIVATE) STORM CONVEYANCE SYSTEMS SHALL BE INSPECTED BY MEANS OF REMOTE CCTV ACCORDING TO THE CITY STANDARD PLAN 266.00. CCTV INSPECTIONS AND REPORTS SHALL BE SUBMITTED TO THE CITY PRIOR TO RECEIVING APPROVAL TO INSTALL PROJECT CURBS, GUTTERS AND/ OR PAVEMENT.
- ALL STORM SYSTEMS AND CONNECTIONS TO EXISTING MAINS SHALL BE TESTED IN ACCORDANCE WITH SECTION 7-04.3(1) OF THE WSDOT STANDARD SPECIFICATIONS AND IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY. STORM DRAIN STUBS SHALL BE TESTED FOR ACCEPTANCE AT THE SAME TIME THE MAIN STORM IS TESTED.
- FOR ALL DISTURBED PERVIOUS AREAS (COMPACTED, GRADED, LANDSCAPED, ETC.) OF THE DEVELOPMENT SITE, TO MAINTAIN THE MOISTURE CAPACITY OF THE SOIL EITHER STOCKPILE AND REDISTRIBUTE THE EXISTING DUFF LAYER AND NATIVE TOPSOIL OR AMEND THE SOIL WITH COMPOST IN ACCORDANCE WITH STANDARD PLAN 264.00.
- ISSUANCE OF THE BUILDING OR CONSTRUCTION PERMITS BY THE CITY DOES NOT RELIEVE THE APPLICANT OF THE CONTINUING LEGAL OBLIGATION AND/ OR LIABILITY CONNECTED WITH STORMWATER DISPOSAL. THE CITY DOES NOT ACCEPT ANY OBLIGATION FOR THE PROPER FUNCTIONING AND MAINTENANCE OF THE STORM SYSTEM PROVIDED DURING CONSTRUCTION.
- ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER ACTIONS NEEDED TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK SHALL BE PROVIDED. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE A TRAFFIC CONTROL PLAN APPROVED BY THE CITY. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-10 TEMPORARY TRAFFIC CONTROL SHALL APPLY.
- PROJECTS LOCATED WITHIN THE CITY'S AQUIFER PROTECTION AREA (APA) SHALL COMPLY WITH SPECIAL REQUIREMENT # 6 OF THE RENTON SWDM AND AQUIFER PROTECTION REGULATIONS (RMC 4-3-050).
- PLACEMENT OF SURFACE APPURTENANCES (CATCH BASIN/ MANHOLE LIDS, CLEANOUTS, INLETS, ETC.) IN THE STREET TRAVEL LANE WHEEL PATH, INTERSECTIONS OF STREET TRAVEL LANES, BIKE LANES, SIDEWALKS, AND CROSSWALKS SHALL BE AVOIDED WHENEVER POSSIBLE. ANY SURFACE APPURTENANCE PLACED IN A SIDEWALK OR CROSSWALK SHALL BE FITTED WITH A NON-SLIP OR NON-SKID LID PER ADA REQUIREMENTS.
- CLEARLY LABEL PUBLIC AND PRIVATE SYSTEMS ON THE PLANS. PRIVATE SYSTEMS SHALL BE MAINTAINED BY THE APPLICANT.
- MINIMUM COVER OVER STORM DRAINAGE PIPE SHALL CONFORM TO TABLE 4.2.1.A2 OF THE RENTON SWDM.
- CONSTRUCTED PERMEABLE PAVEMENT SHALL BE PERMEABLE ENOUGH TO ABSORB WATER AT A MINIMUM RATE OF 20 INCHES PER HOUR IMMEDIATELY AFTER THE PAVEMENT SURFACE HAS BEEN WETTED CONTINUOUSLY FOR AT LEAST 10 MINUTES. COMPLIANCE WITH THIS MINIMUM RATE SHALL BE CHECKED PRIOR TO CONSTRUCTION APPROVAL OF THE PAVEMENT. COMPLIANCE MAY BE CHECKED USING A SIMPLE BUCKET TEST IN WHICH 5 GALLONS OF WATER IS Poured ONTO THE PAVEMENT SURFACE ALL AT ONCE. IF ONLY A MINOR AMOUNT OF WATER POND OR RUNS OFF THE SURFACE, THEN THE PAVEMENT IS CONSIDERED TO MEET THE MINIMUM RATE OF ABSORPTION. AT LEAST ONE TEST SHALL BE CONDUCTED PER 1,000 SQUARE FEET OF PERMEABLE PAVEMENT. IF THIS TEST IS NOT CONCLUSIVE, THEN ANOTHER TEST PER ASTM C1701 SHALL BE CONDUCTED. FOR LARGE AREAS (E.G., PARKING AREAS), TESTING OBSERVATION MAY BE ACCOMPLISHED WHILE WALKING BEHIND A SLOWLY MOVING WATER TRUCK DISCHARGING WATER AT A RATE SIMILAR TO THE BUCKET TEST. PERMEABLE PAVERS SHALL BE TESTED USING ASTM C1781.



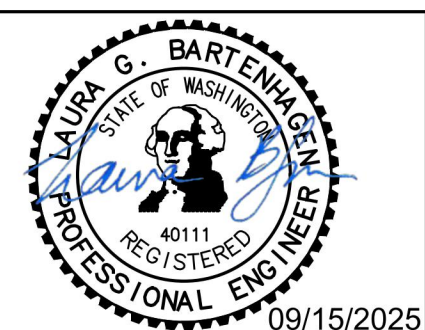
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CITY OF RENTON
CITYWIDE WALKWAY IMPROVEMENTS/
MAPLEWOOD SIDEWALK REHABILITATION
STANDARD NOTES & DETAILS
CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **DT-01**
PROJECT NO. **TED4004265**
FED AID NO. **N/A**
DATE: **09/15/2025**
SHEET NO. **7** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION

(A) CURB FL TABLE

STATION	OFFSET
49+66.39	20.81'LT
49+80.91	26.88'LT
$\Delta=131'521"$ R=100.00' L=22.96'	

(B) CURB FL TABLE

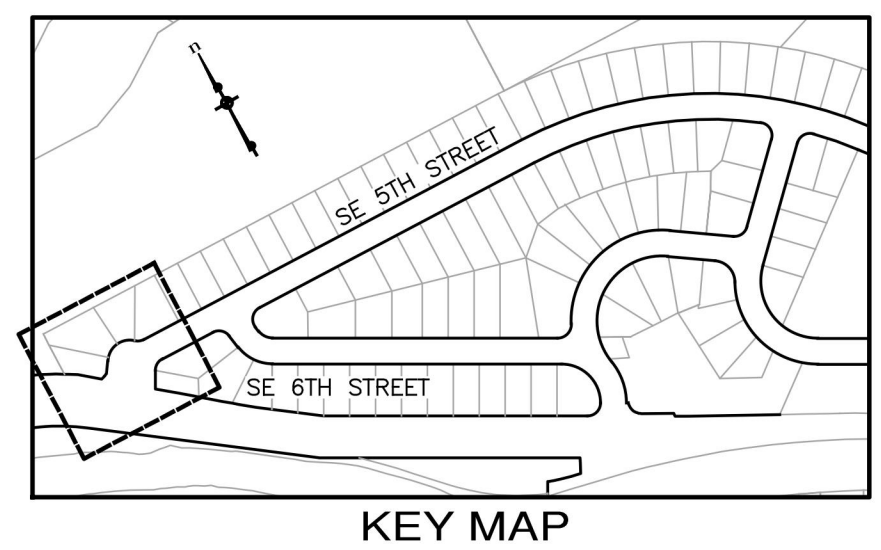
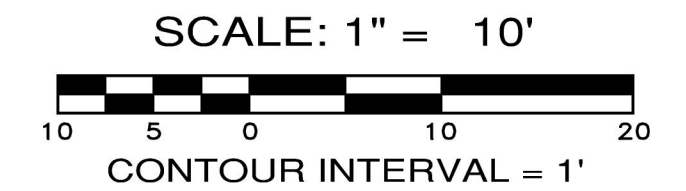
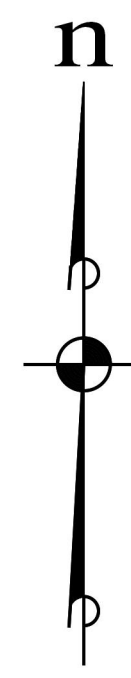
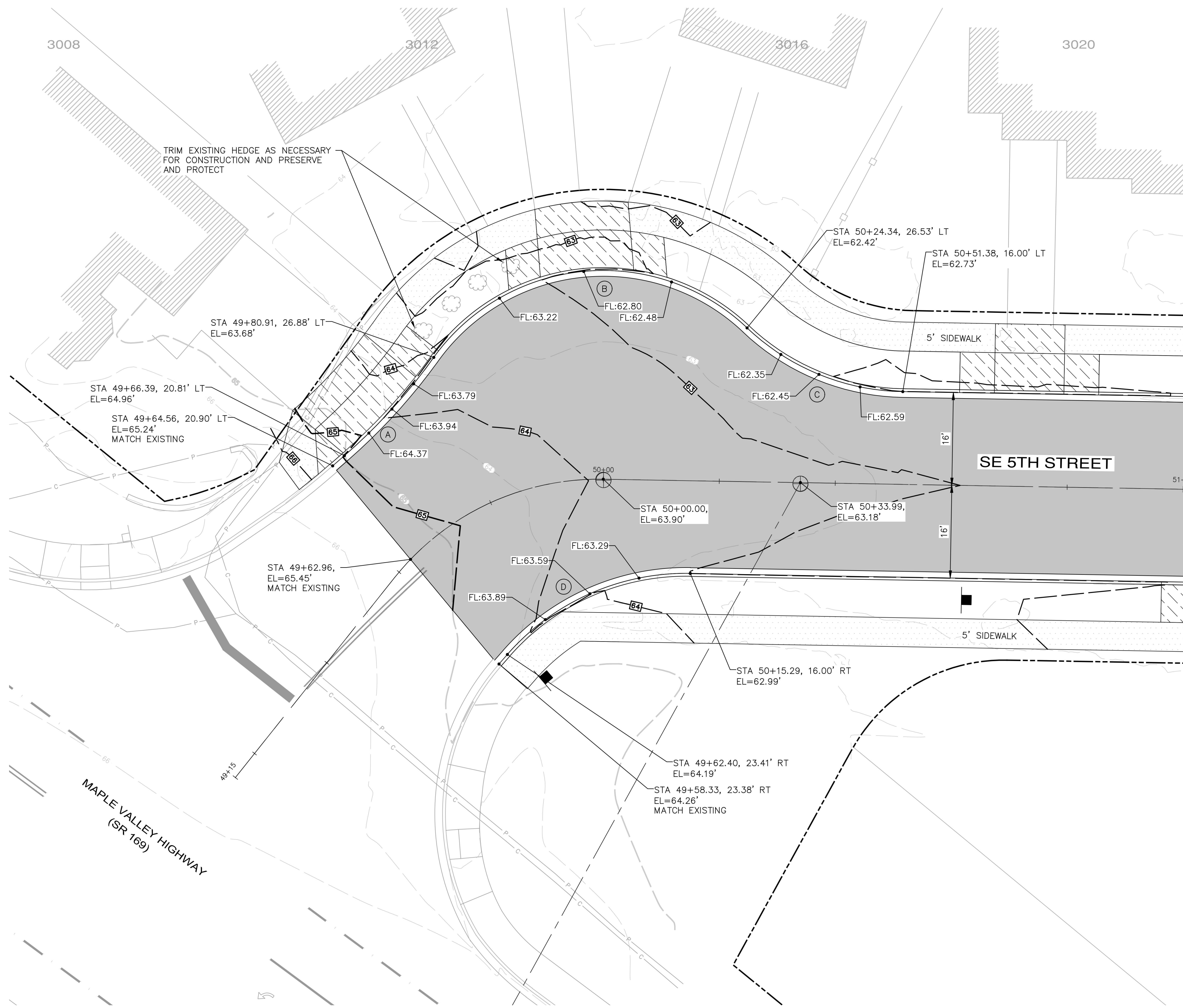
STATION	OFFSET
49+80.91	26.88'LT
50+24.34	26.53'LT
50+51.38	16.00'LT
$\Delta=97'81'57"$ R=36.00' L=61.46'	

(C) CURB FL TABLE

STATION	OFFSET
50+24.34	26.53'LT
50+51.38	16.00'LT
$\Delta=42'53'6"$ R=40.00' L=29.70'	

(D) CURB FL TABLE

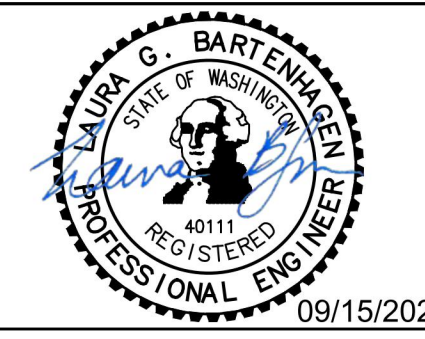
STATION	OFFSET
49+62.40	23.41'RT
50+15.29	16.00'RT
$\Delta=49'76'40"$ R=41.00' L=35.61'	



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 MAPLEWOOD SIDEWALK REHABILITATION
 CUL-DE-SAC DETAIL
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **DT-02**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **8** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION

E CURB R TABLE	
STATION	OFFSET
52+04.64	16.00'
52+11.79	13.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

F CURB R TABLE	
STATION	OFFSET
52+11.79	13.00'
52+18.93	10.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

G CURB R TABLE	
STATION	OFFSET
52+04.64	16.00'
10+29.29	10.00'
$\Delta=73^{\circ}73'98''$ R=25.00' L=32.18'	

H CURB R TABLE	
STATION	OFFSET
10+37.33	10.00'
10+44.48	13.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

I CURB R TABLE	
STATION	OFFSET
10+44.48	13.00'
10+51.62	16.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

J CURB R TABLE	
STATION	OFFSET
10+54.37	16.00'
10+47.27	13.05'
$\Delta=45^{\circ}20'43''$ R=10.00' L=7.89'	

K CURB R TABLE	
STATION	OFFSET
10+47.27	13.05'
10+39.07	10.15'
$\Delta=51^{\circ}54'04''$ R=10.00' L=9.00'	

L CURB R TABLE	
STATION	OFFSET
10+39.07	10.15'
52+94.74	10.00'
$\Delta=93^{\circ}82'44''$ R=25.00' L=40.94'	

M CURB R TABLE	
STATION	OFFSET
52+97.82	10.00'
53+04.96	13.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

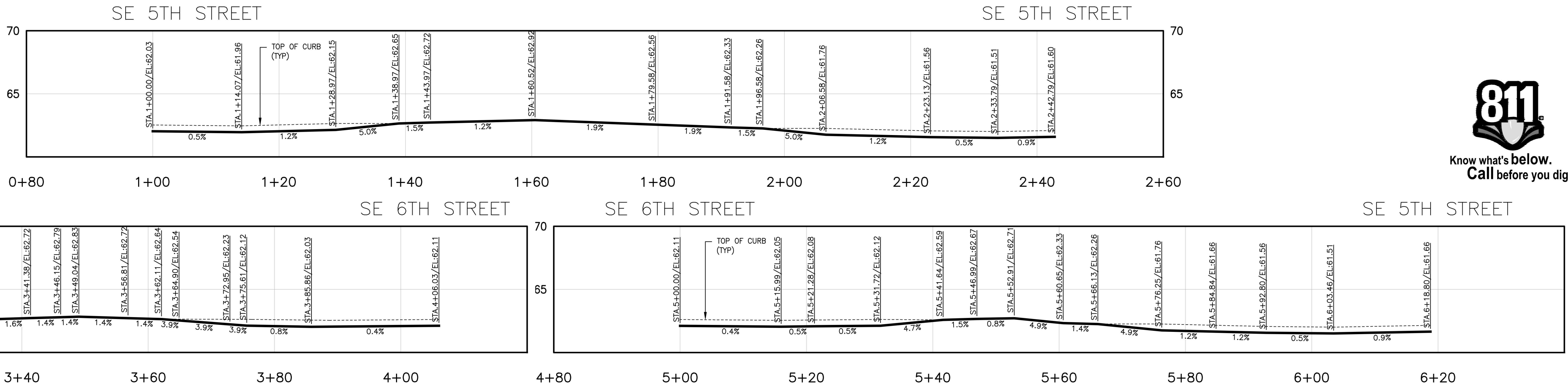
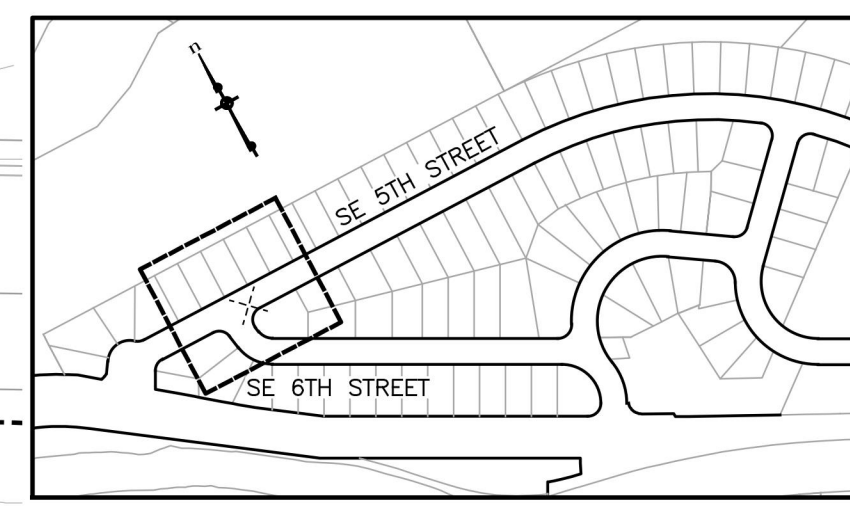
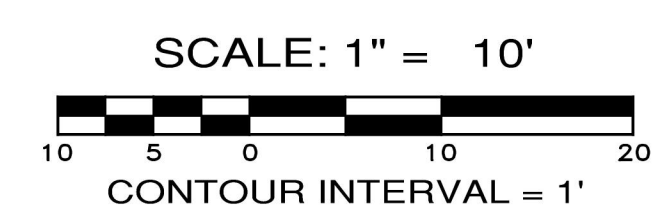
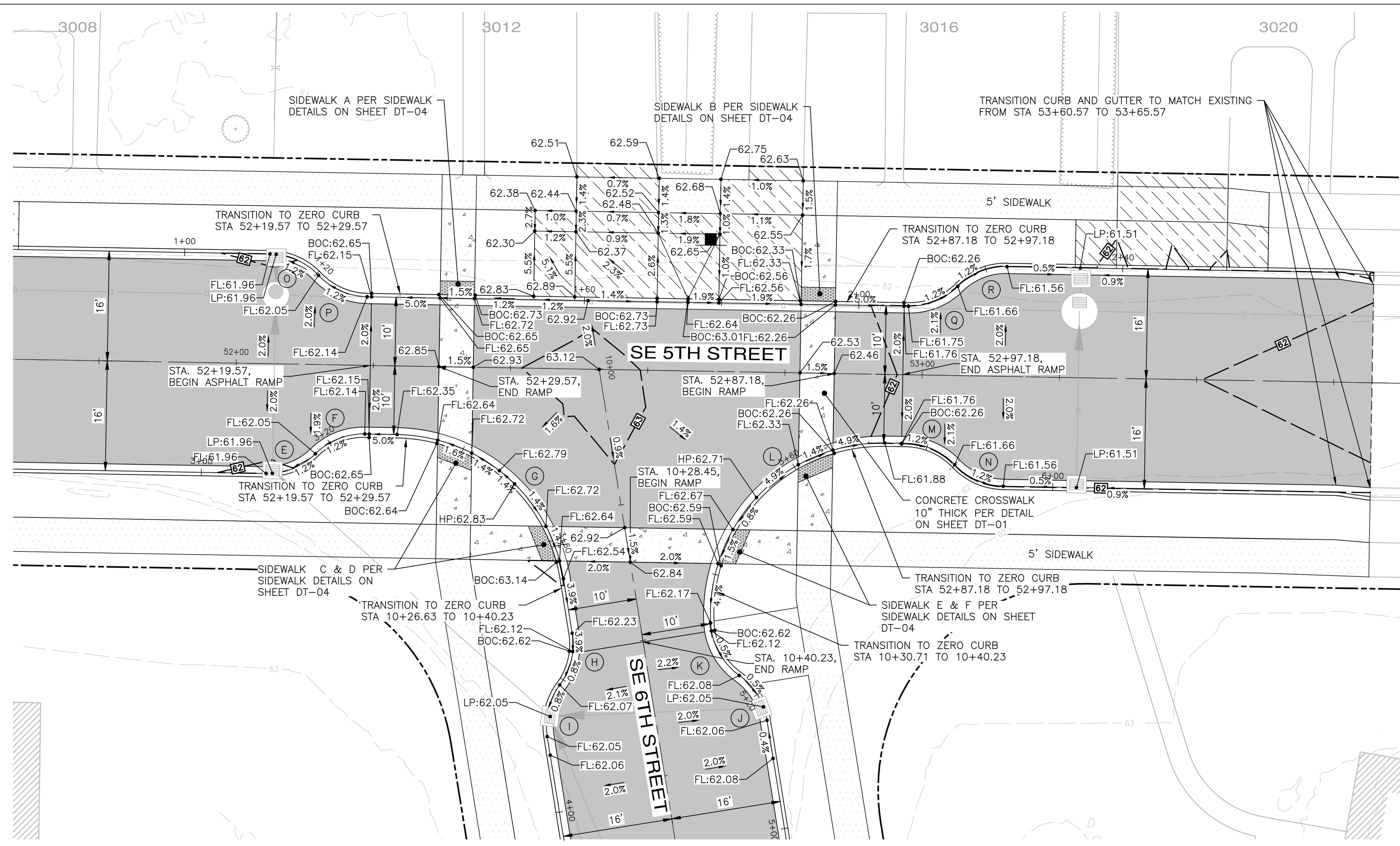
N CURB R TABLE	
STATION	OFFSET
53+04.96	13.00'
43+12.11	16.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

O CURB R TABLE	
STATION	OFFSET
52+04.64	16.00'
52+11.79	13.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

P CURB R TABLE	
STATION	OFFSET
52+11.79	13.00'
52+18.93	10.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

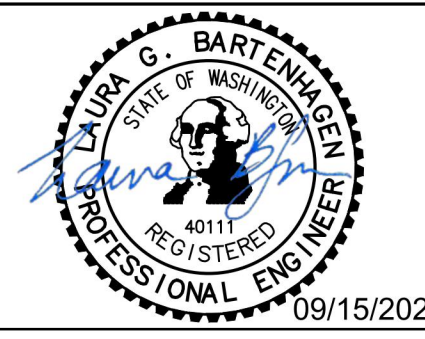
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STATION	OFFSET
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$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	

R CURB R TABLE	
STATION	OFFSET
53+04.96	13.00'
53+12.11	16.00'
$\Delta=45^{\circ}57'30''$ R=10.00' L=7.95'	



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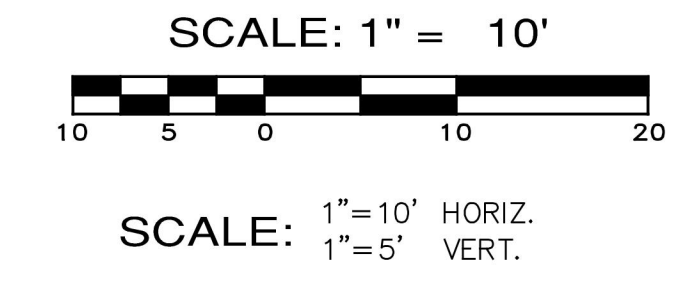
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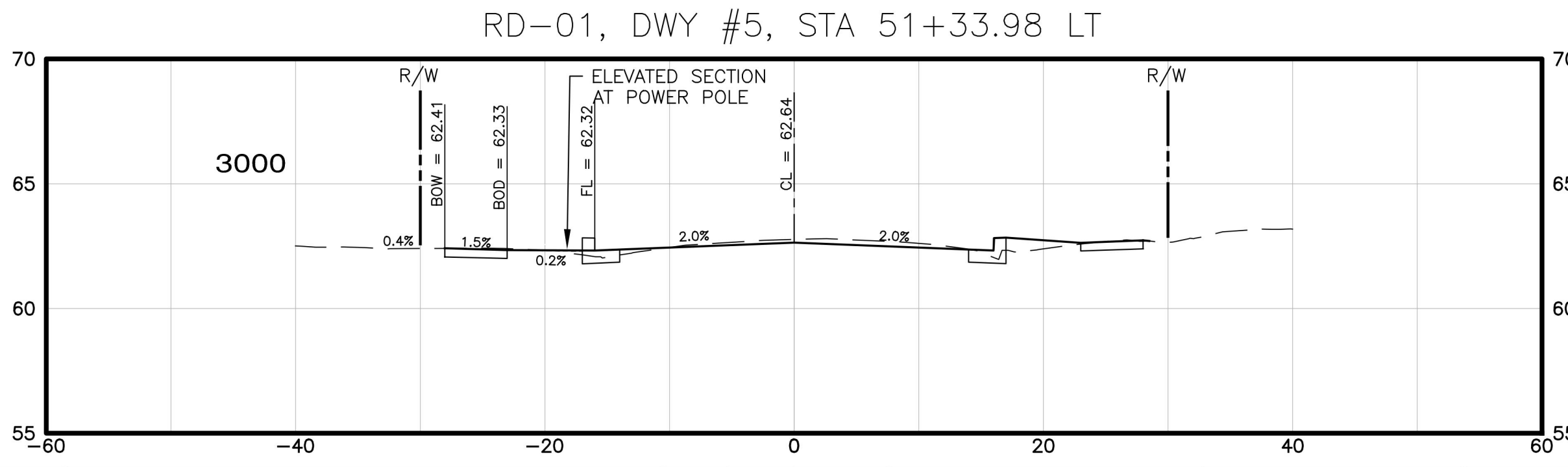
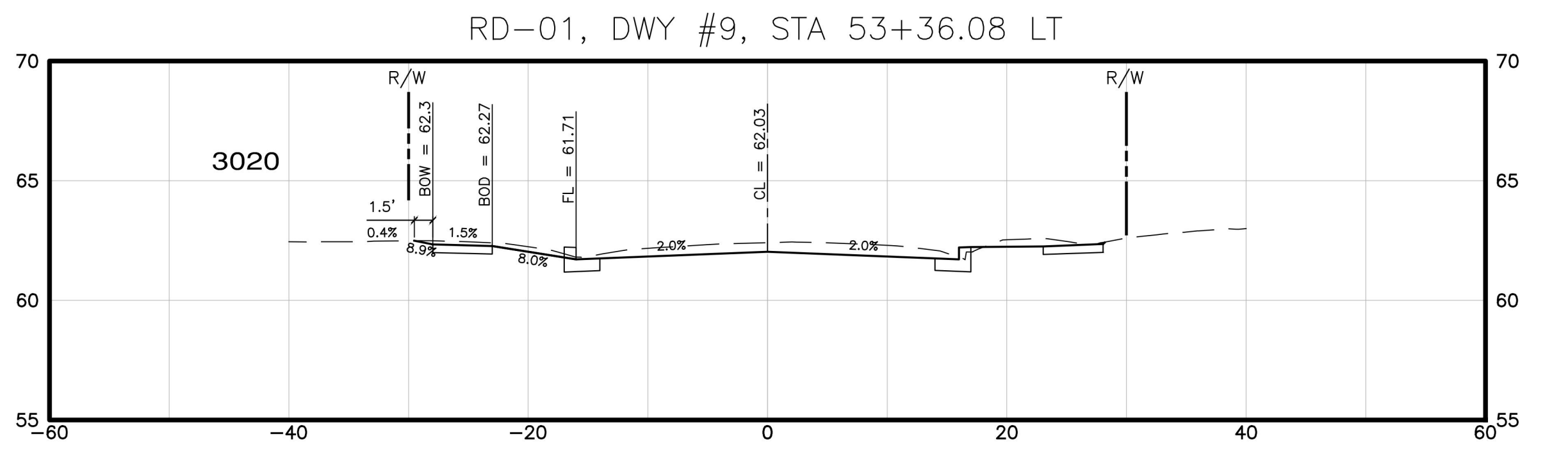
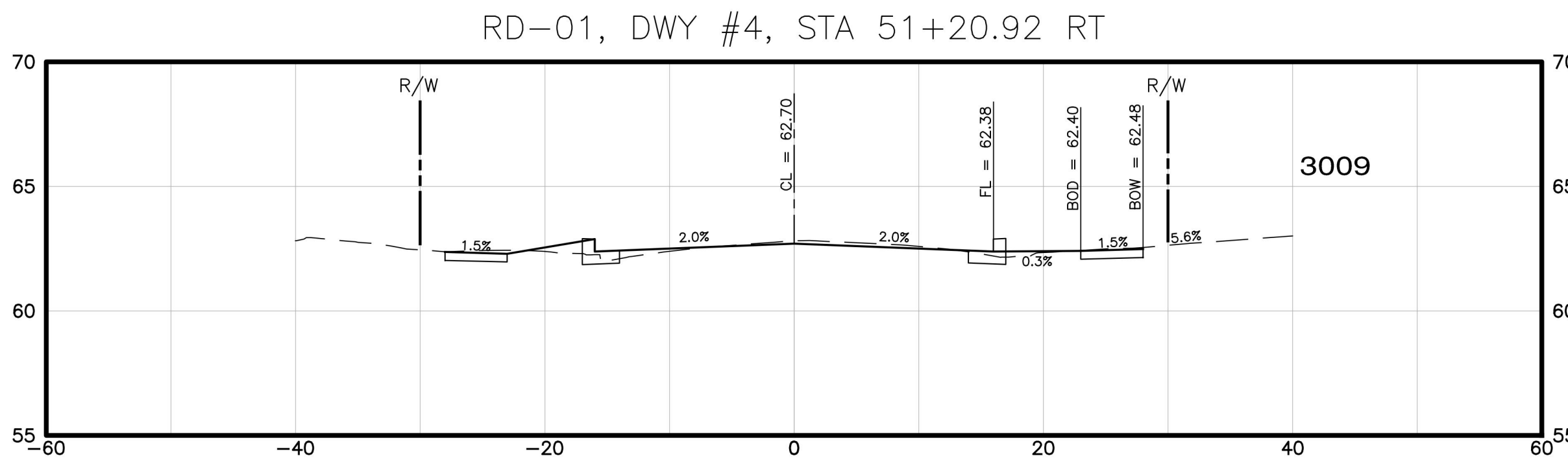
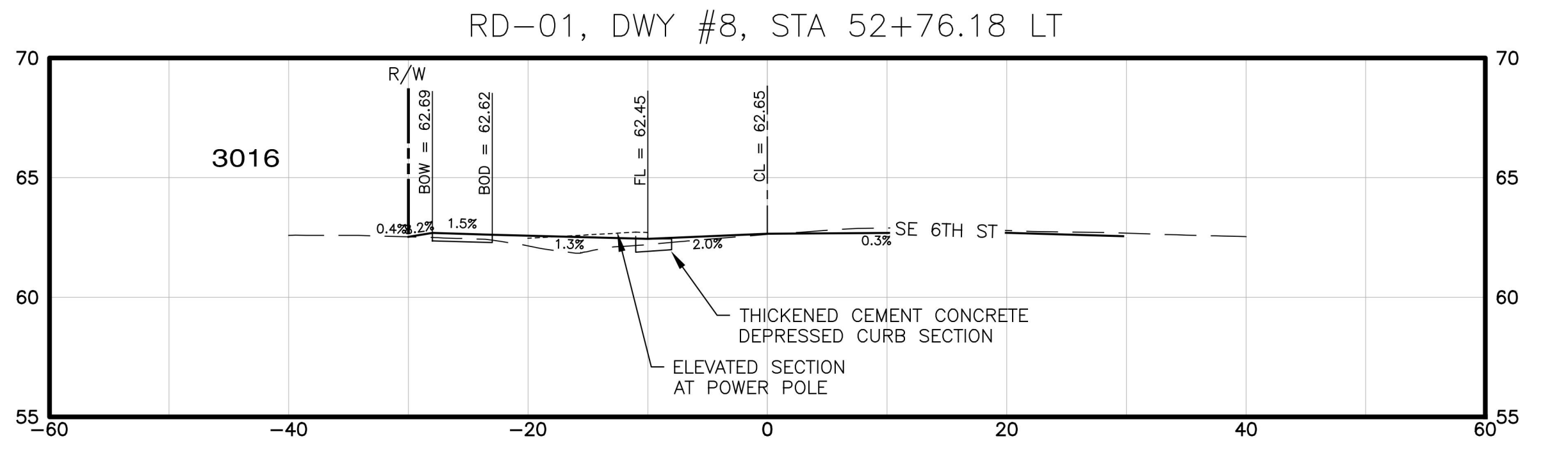
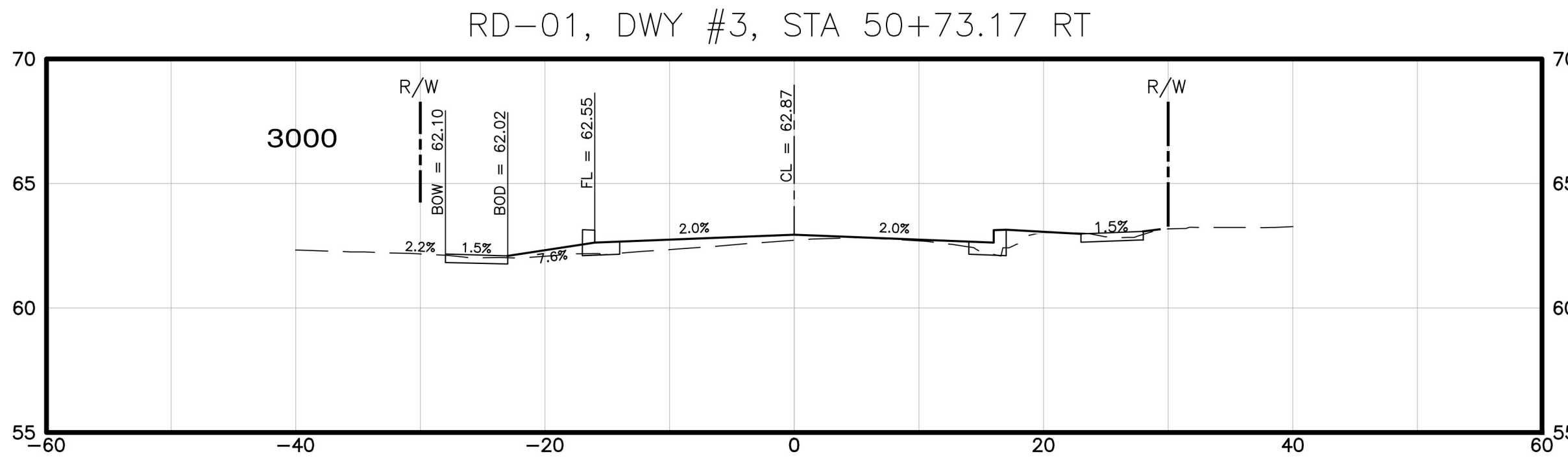
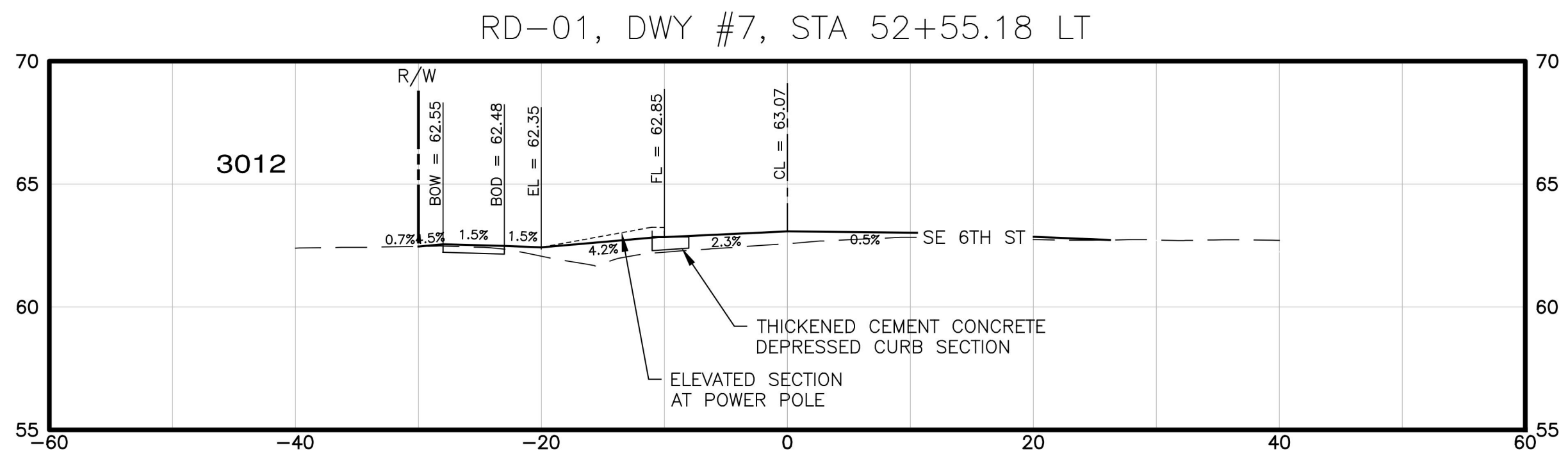
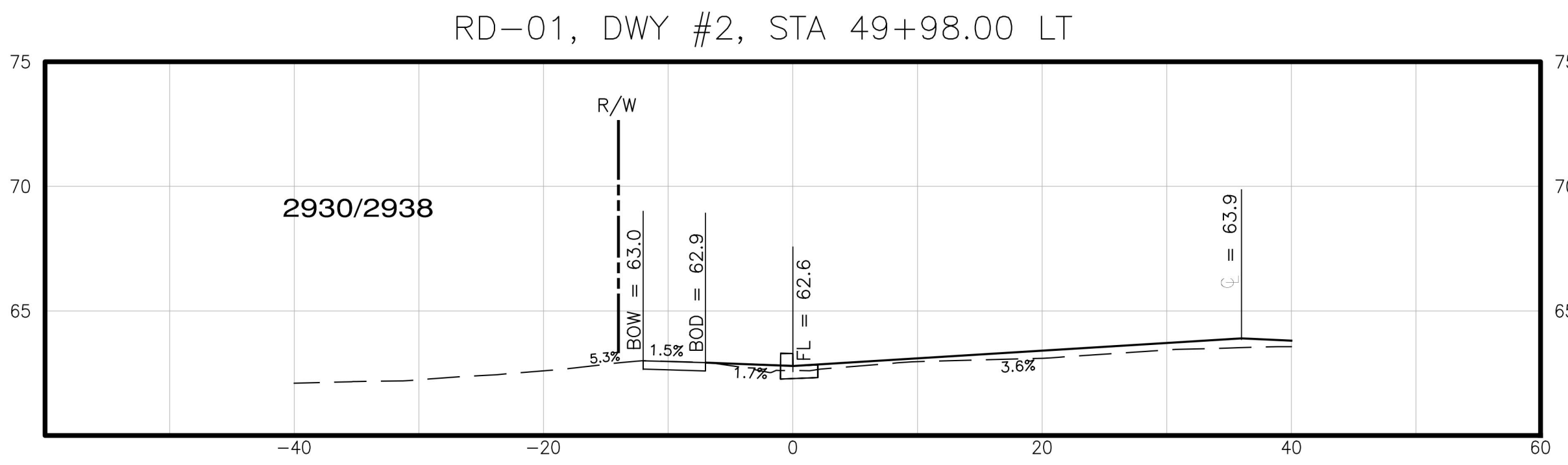
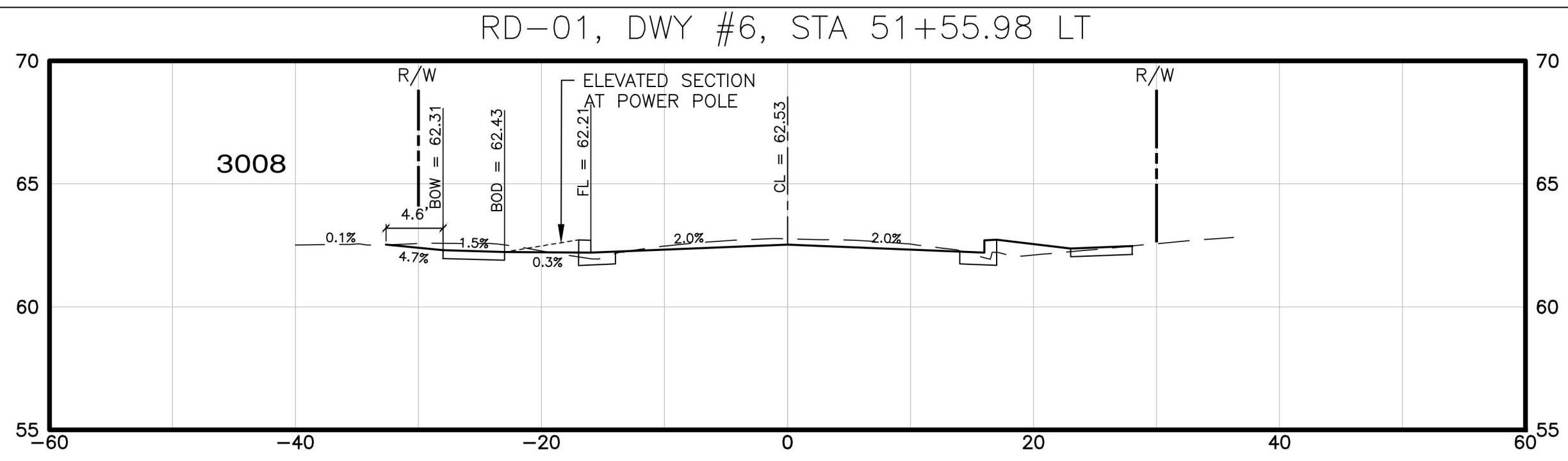
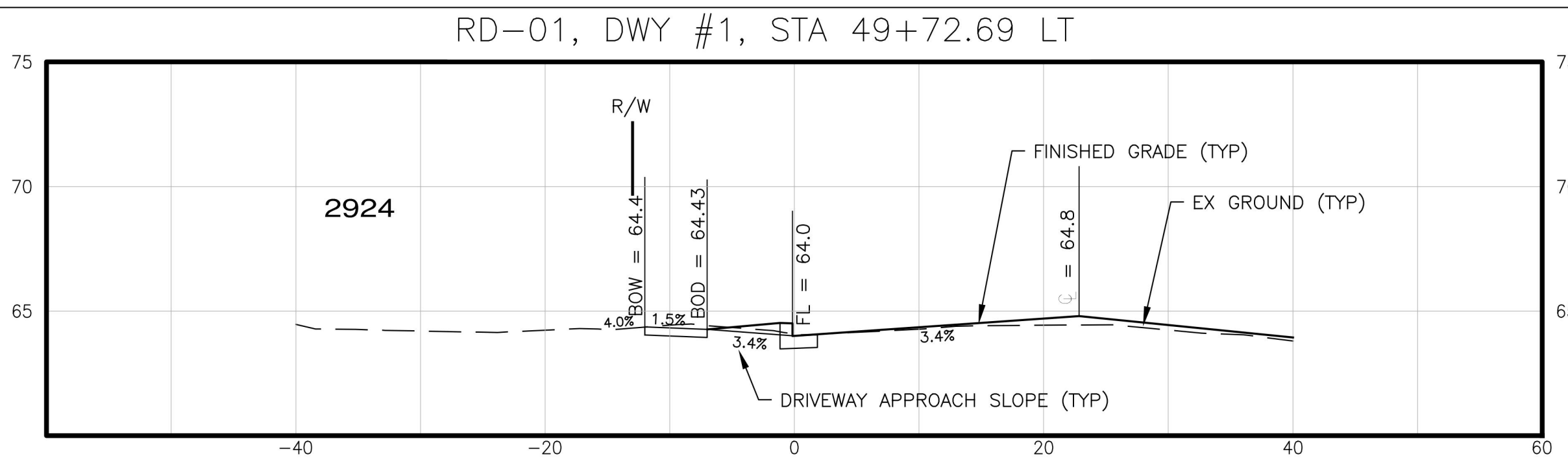
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 INTERSECTION DETAIL
 CITY OF RENTON CONTRACT NO. CAG-25-290

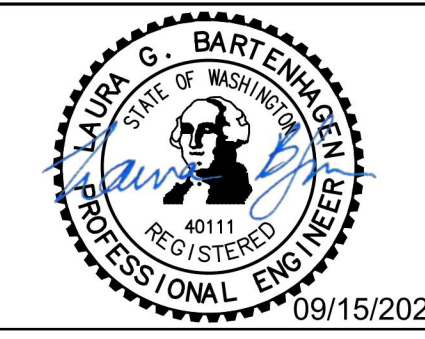
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 DATE: **09/15/2025**
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- LEGEND**
- CL = PROPOSED GRADE AT CENTERLINE
 - FL = PROPOSED GRADE AT FLOWLINE
 - BOD = PROPOSED GRADE AT BACK OF DRIVEWAY APPROACH
 - BOW = PROPOSED GRADE AT BACK OF SIDEWALK



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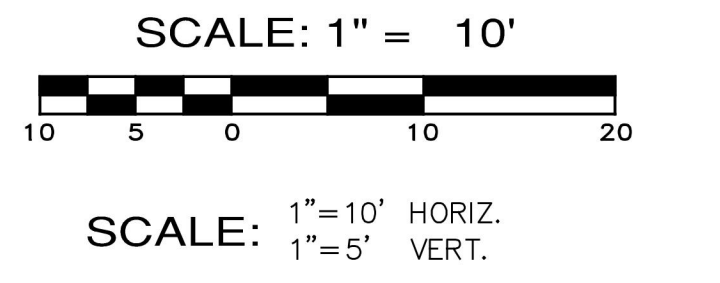
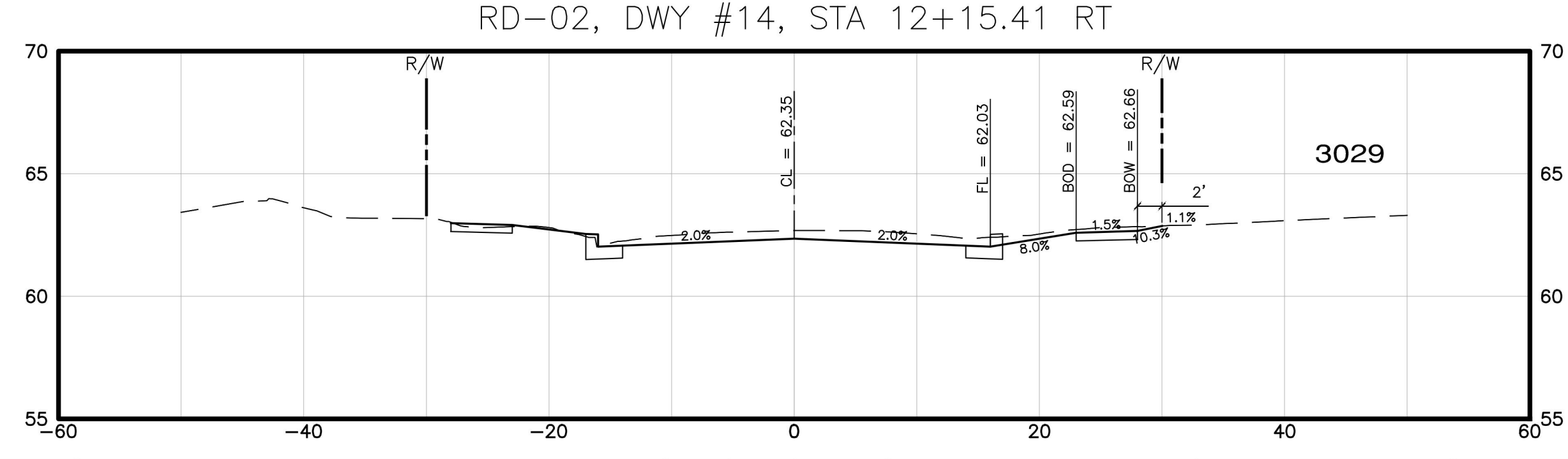
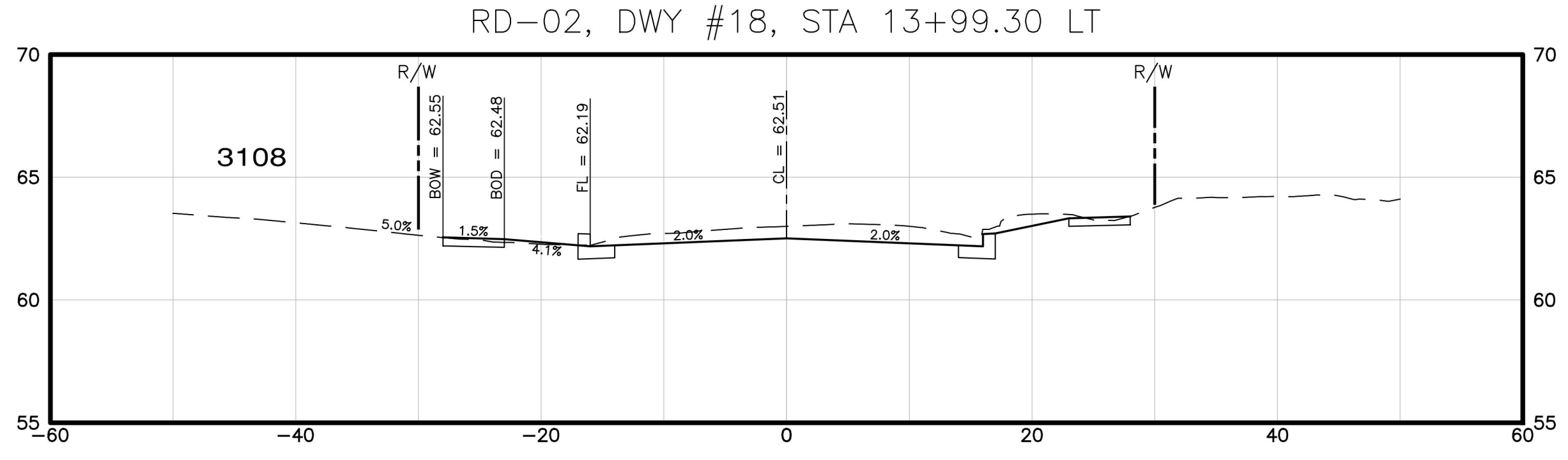
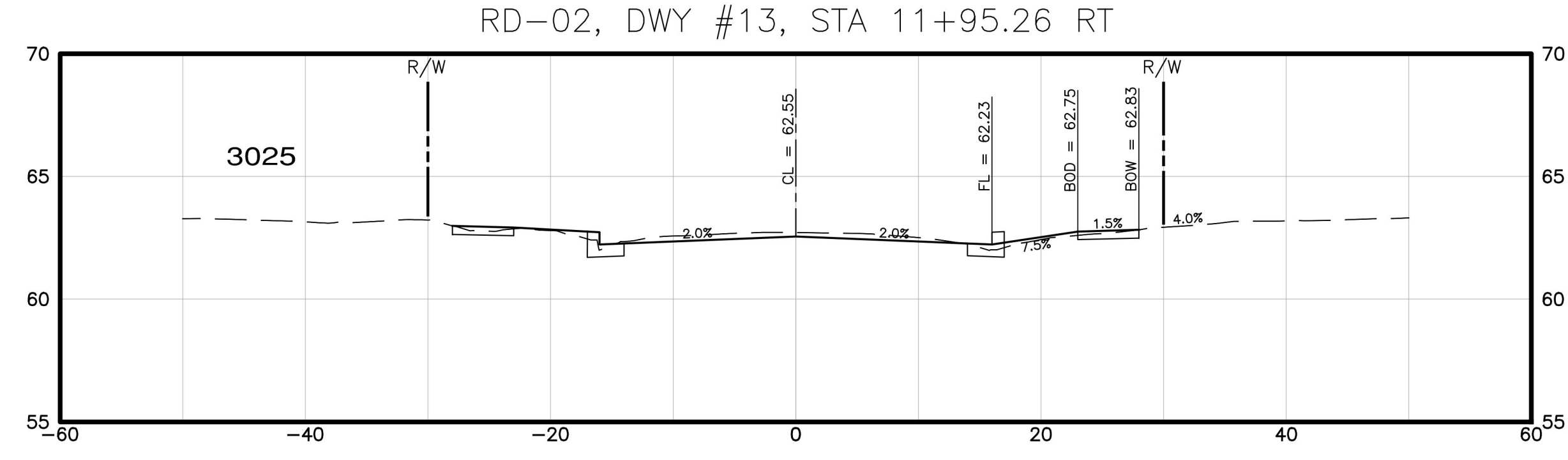
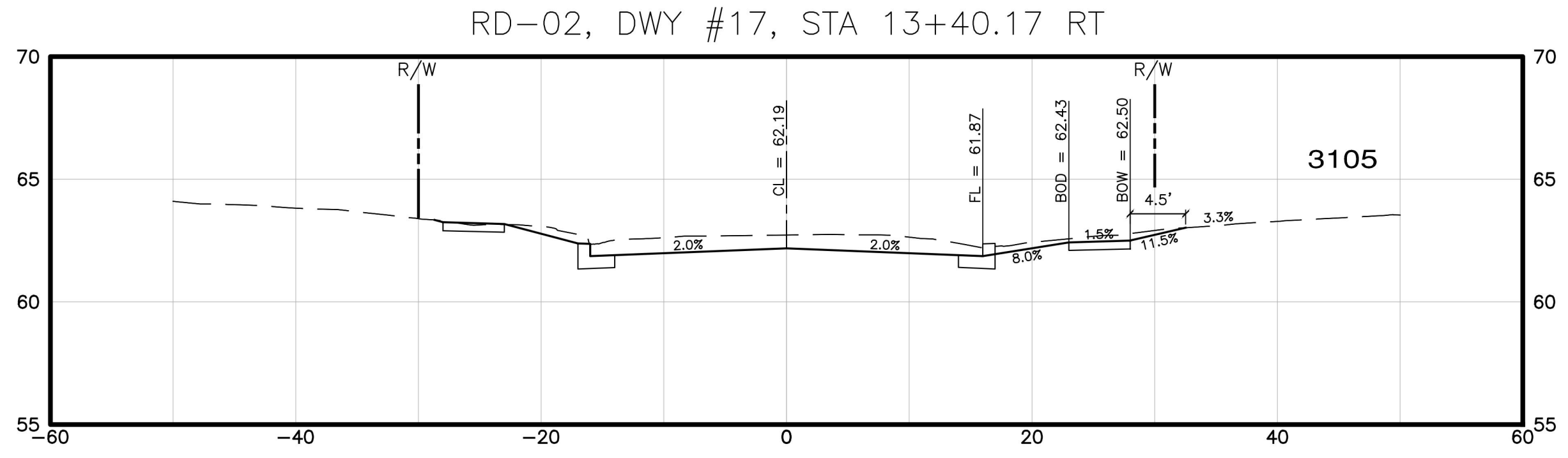
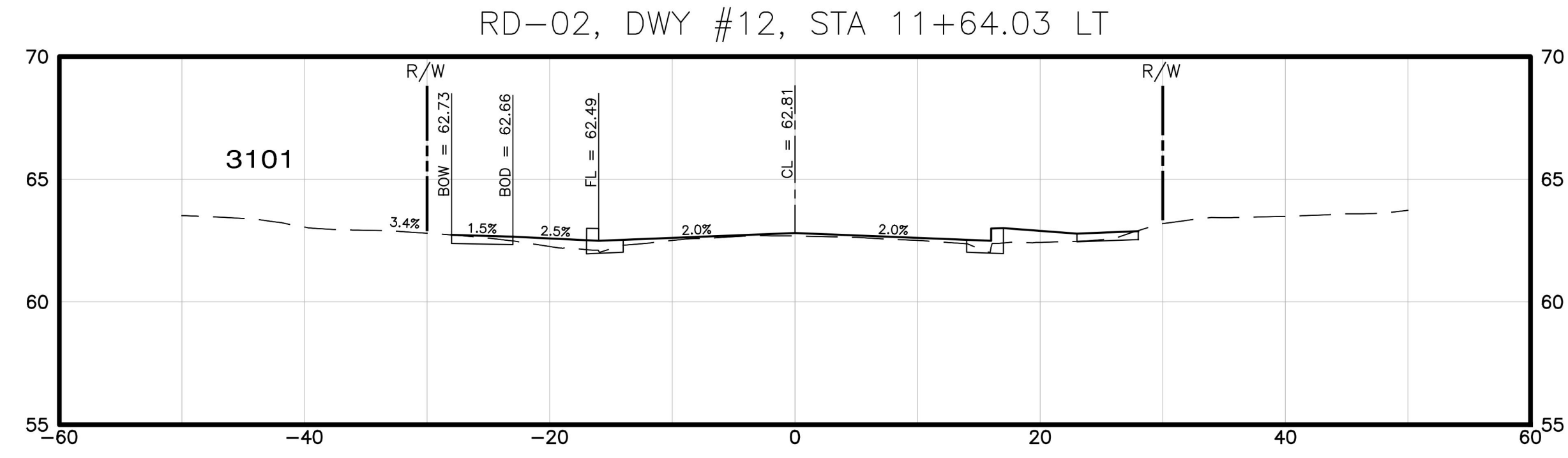
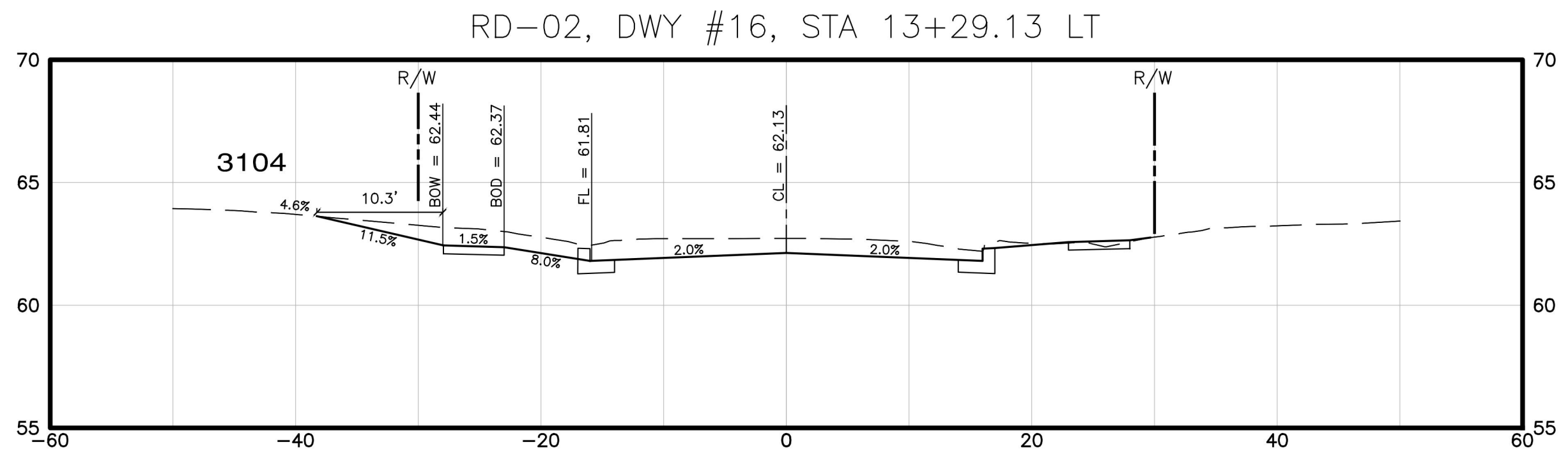
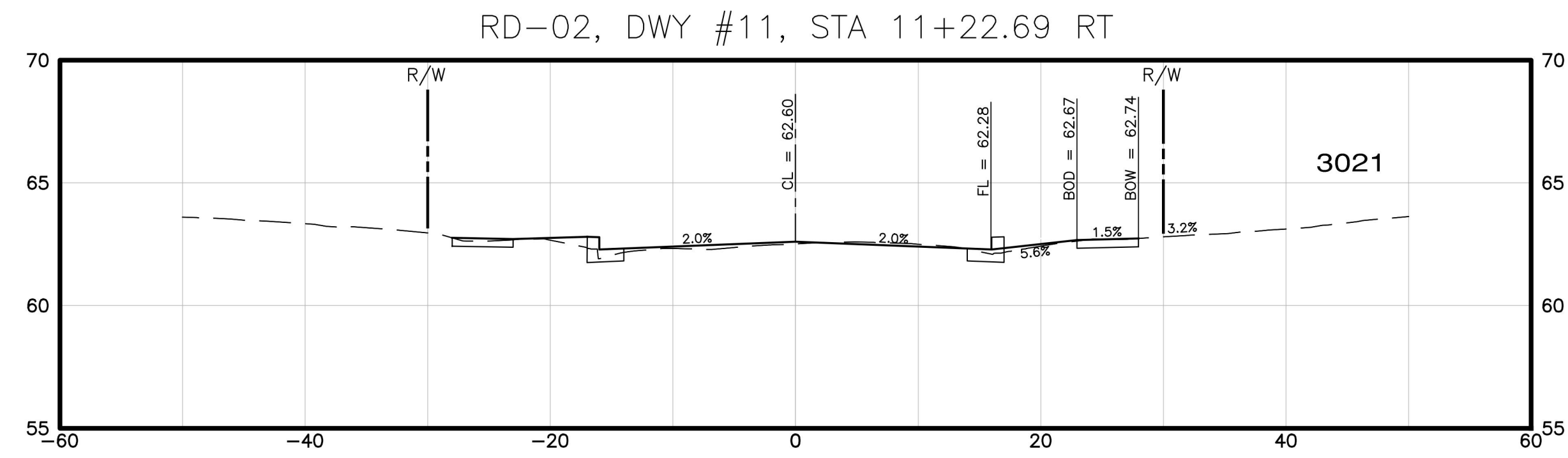
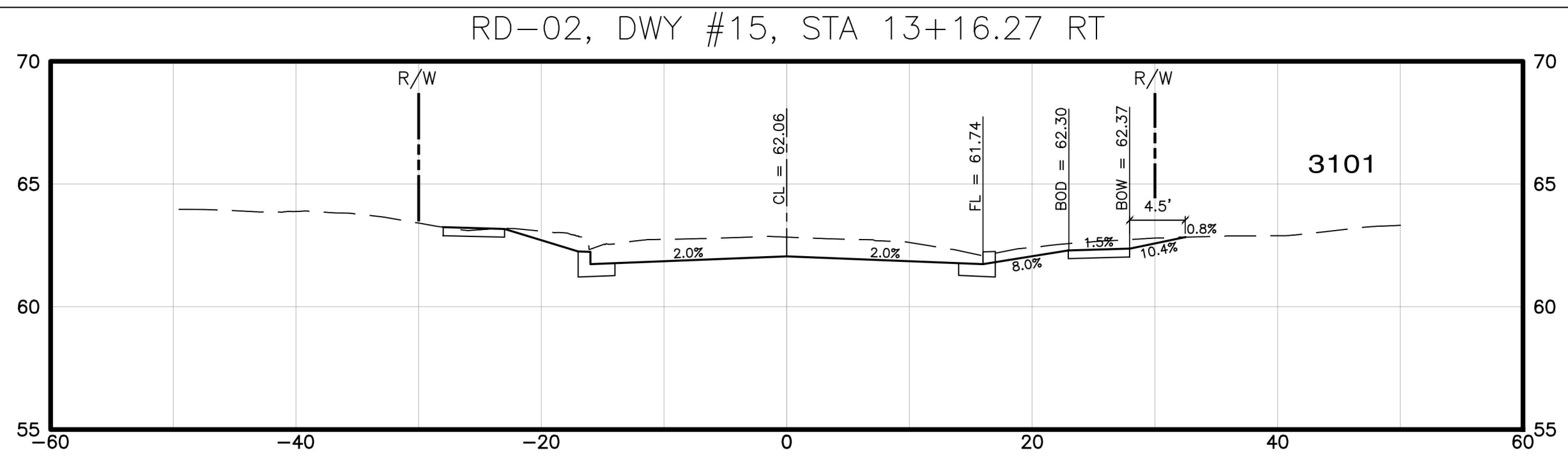
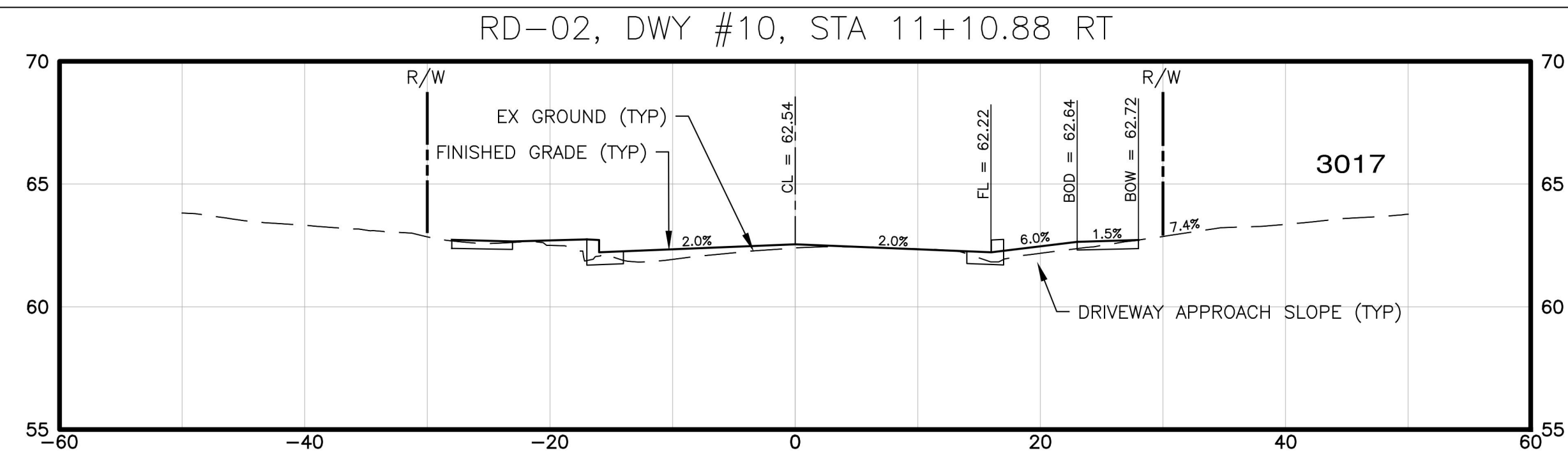
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CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 DRIVEWAY SECTION DETAILS
 CITY OF RENTON CONTRACT NO. CAG-25-290

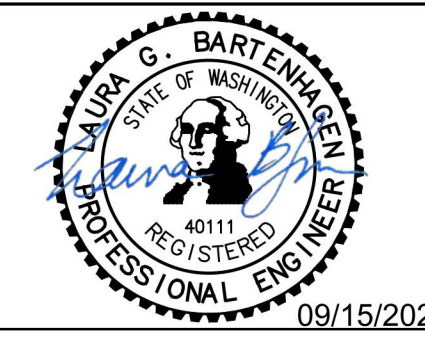
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 SHEET NO. **11** OF **20**



LEGEND
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 BOD = PROPOSED GRADE AT BACK OF DRIVEWAY APPROACH
 BOW = PROPOSED GRADE AT BACK OF SIDEWALK



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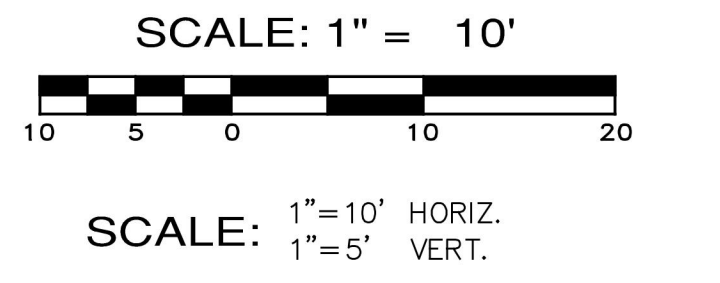
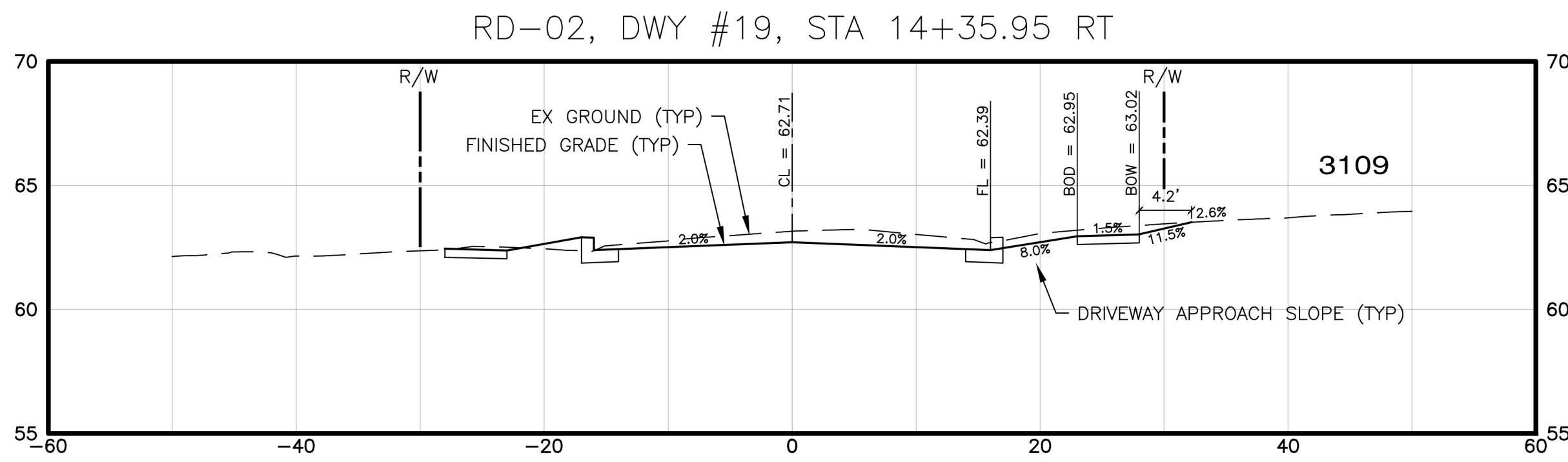
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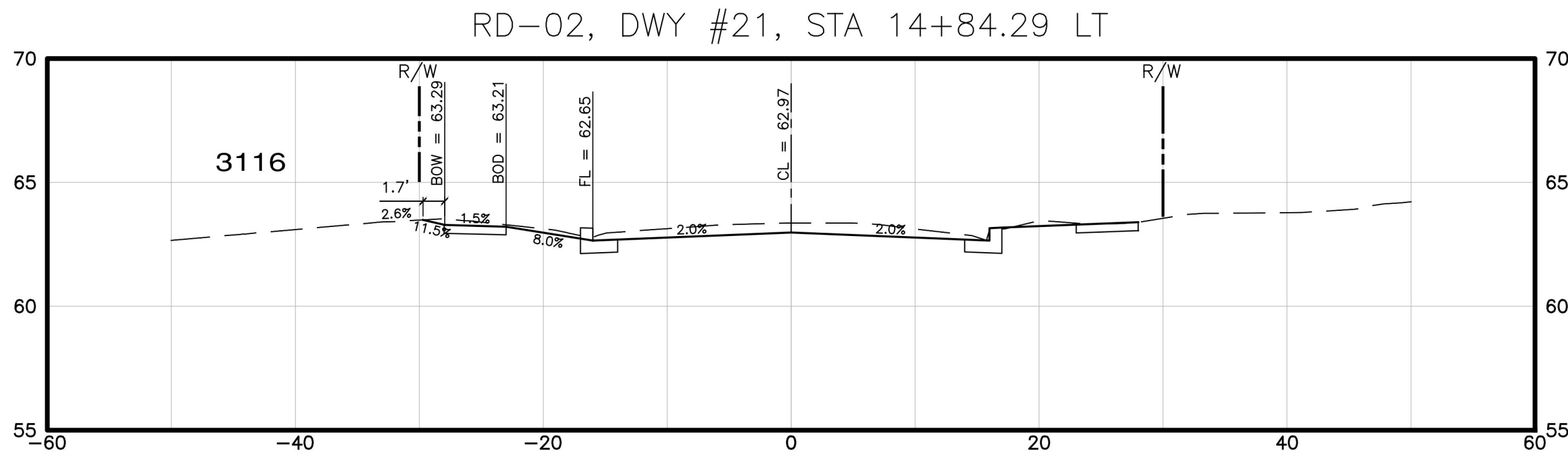
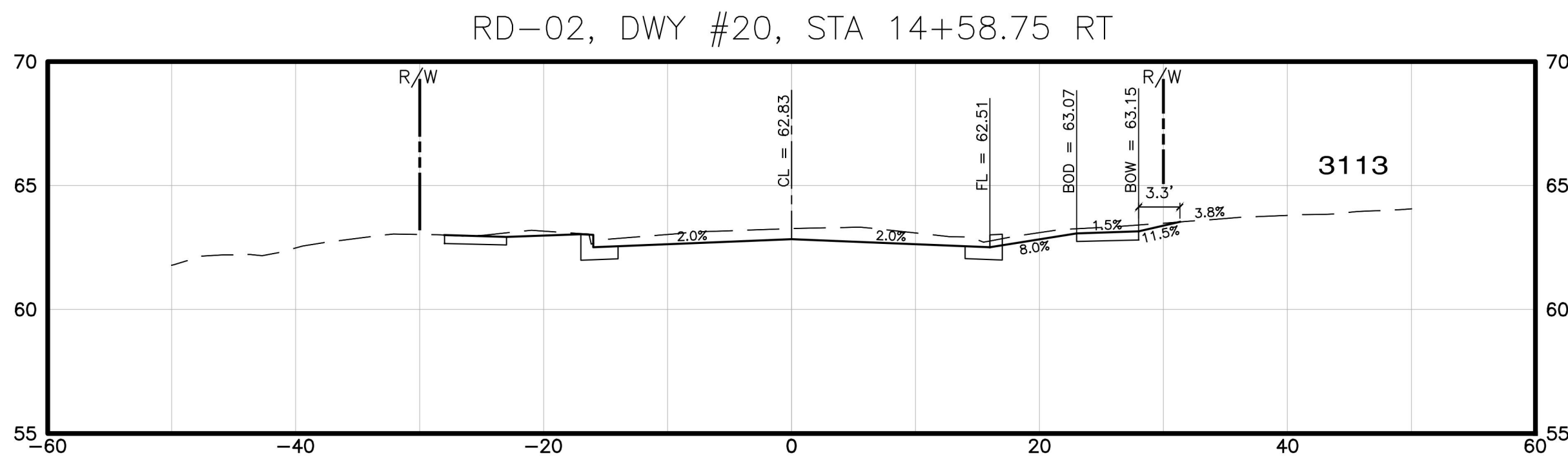
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 MAPLEWOOD SIDEWALK REHABILITATION
 DRIVEWAY SECTION DETAILS
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **XS-02**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **12** OF **20**



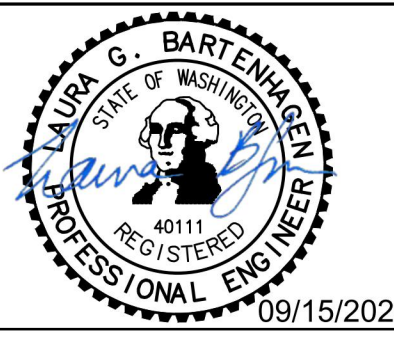
LEGEND

- CL = PROPOSED GRADE AT CENTERLINE
- FL = PROPOSED GRADE AT FLOWLINE
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- BOW = PROPOSED GRADE AT BACK OF SIDEWALK



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 DRIVEWAY SECTION DETAILS
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **XS-03**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **13** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION

MAPLEWOOD SPECIAL PROVISIONS

SECTION 8-02.3(4) TOPSOIL

- THOROUGHLY SCARIFY SUBGRADE IN ALL AREAS TO BE PLANTED OR SEEDED, INCLUDING ROADWAY PLANTER AREAS AND BACK-OF-WALK RESTORATION AREAS TO A MINIMUM DEPTH OF TWO INCHES (2"), UNLESS OTHERWISE NOTED ON THE PLANS.
- SCARIFIED SUBGRADE SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF TOPSOIL.
- REMOVE ALL CONSTRUCTION DEBRIS AND ROCKS OVER TWO INCHES (2") IN DIAMETER PRIOR TO PLACING TOPSOIL.
- UPON APPROVAL OF THE SUBGRADE, TOPSOIL TYPE A SHALL BE INSTALLED IN ONE TWO INCH (2") LIFT.
- AREAS WITHIN 6" OF CURBS AND SIDEWALK SHALL NOT BE CULTIVATED AND CARE SHALL BE TAKEN TO AVOID UNDERMINING BASE MATERIALS. IN ADDITION, AREAS AROUND EXISTING TREES TO REMAIN SHALL NOT BE CULTIVATED WITHIN THE DRIPLINE OF THE TREE OR ANY OTHER AREAS WHICH APPEAR TO HAVE A SIGNIFICANT NUMBER OF EXISTING TREE ROOTS.
- FINISH GRADE IN ROADWAY PLANTER AREAS AND BACK-OF-WALK RESTORATION AREAS SHALL BE ONE INCH (1") IN BACK-OF-WALK RESTORATION AREAS, FINISH GRADE SHALL BE ADJUSTED AT THE CONSTRUCTION LIMITS TO TIE SMOOTHLY INTO EXISTING FINISH GRADE OF THE SURROUNDING AREA.
- REMOVE ROCKS, ROOTS, AND DEBRIS OVER ONE INCH (1") DIAMETER IN ALL PLANTED AND SEEDED AREAS. LIGHTLY COMPACT SOIL TO A COMPACTION RATE OF NO MORE THAN 85% AND ESTABLISH A SMOOTH AND UNIFORM FINISHED GRADE TO ALLOW SURFACE DRAINAGE AND PREVENT PONDING.
- TOPSOIL TYPE A SHALL CONFORM TO SECTION 9-14.2(1) OF THESE SPECIAL PROVISIONS AND SHALL BE SUPPLIED BY A CONTRACTOR'S SUPPLIED SOURCE, AND AS APPROVED BY THE ENGINEER.

SECTION 9-14.2(1) TOPSOIL TYPE A

- IN ADDITION TO GENERAL REQUIREMENTS LISTED ABOVE FOR PLANTING SOIL, THE ITEMS LISTED BELOW SHALL BE FOLLOWED FOR IMPORTED PLANTING SOIL FROM OFF-SITE SOURCES FOR PLANTING BEDS. PLANTING SOIL SHALL MEET THE FOLLOWING PHYSICAL REQUIREMENTS:

PRODUCT PARAMETER	REPORTED UNIT OF MEASURE	SPECIFICATION RANGE
PH	5.5 - 7.5	C:N RATIO < 20:1
ELECTRICAL CONDUCTIVITY	MMHOS/CM	< 2
EXCHANGEABLE SODIUM	PERCENT	MAX. 10%
SODIUM ABSORPTION RATIO		< 2
CATION EXCHANGE CAPACITY	MILLIEQUIVALENTS/100 G DRY SOIL	> 5

- MAXIMUM PARTICLE SIZE: 5/8 INCH, WITH 97% TO 100% PASSING THE 1/2" SCREEN
 - PLANTING SOIL COMPONENTS SHALL CONSIST OF THE FOLLOWING:
 - 30%-40% BY VOLUME SANDY LOAM
 - 30%-40% BY VOLUME SAND
 - 30%-40% BY VOLUME COMPOST
 - ADJUST ABOVE AMOUNTS TO ACHIEVE THE FOLLOWING IN ADDITION TO THE USDA TEXTURAL REQUIREMENTS AND:
 - ORGANIC CONTENT FOR PLANTING: 4-8% ORGANIC CONTENT BY DRY WEIGHT PER LOI
 - FINES AS DEFINED BY #200 SIEVE: NOT MORE THAN 15%. PROVIDE LABORATORY TESTING PER THIS SECTION. (AASHTO T88)
 - SOIL AMENDMENTS AND FERTILIZERS PER SOIL TEST:
 - ADD OR DEDUCT TYPES AND AMOUNTS PER SOIL TEST RESULTS FOR PLANT GROWTH REQUIREMENTS.
- PROVIDE FINAL AMOUNTS AND TYPES AS PART OF SUBMITTALS FOR APPROVAL.
 - PLANTING SOIL SHALL BE FERTILE, FRIABLE, UNIFORM, AND THOROUGHLY MIXED.
 - PLANTING SOIL SHALL BE FREE OF CLAY LUMPS, LITTER, AND OTHER EXTRANEUS MATERIALS HARMFUL TO PLANT GROWTH. PLANTING SOIL SHALL BE FREE OF STONES 1/4 INCH (1") OR LARGER IN ANY DIMENSION.
 - PLANTING SOIL SHALL MEET THE CRITERIA FOR HEAVY METALS AND TOXICS PER MTCA WAC 173-340-900 TABLE 749-2 FOR UNRESTRICTED LAND USES.

REFER TO MAPLEWOOD SIDEWALK REHABILITATION (CAG-24-311) 2025 SPECIAL PROVISIONS DOCUMENT:

PAGE SP-105 FOR USDA TEXTURAL CLASSIFICATION FOR SANDY LOAM
PAGE SP-105, SP-106 FOR WAC MTCA TEST METHODOLOGY

SECTION 9-14.5(8) COMPOST

- NO FRESH SAWDUST OR OTHER FRESH WOOD BY-PRODUCTS SHALL BE ADDED TO EXTEND THE VOLUME AFTER THE COMPOSTING PROCESS.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE ANALYSIS OF TOPSOIL TYPE A WITH ONE CUBIC FOOT SAMPLE FOR REVIEW AND APPROVAL.

SECTION 9-14.3 SEED

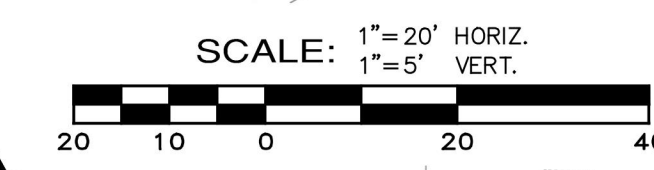
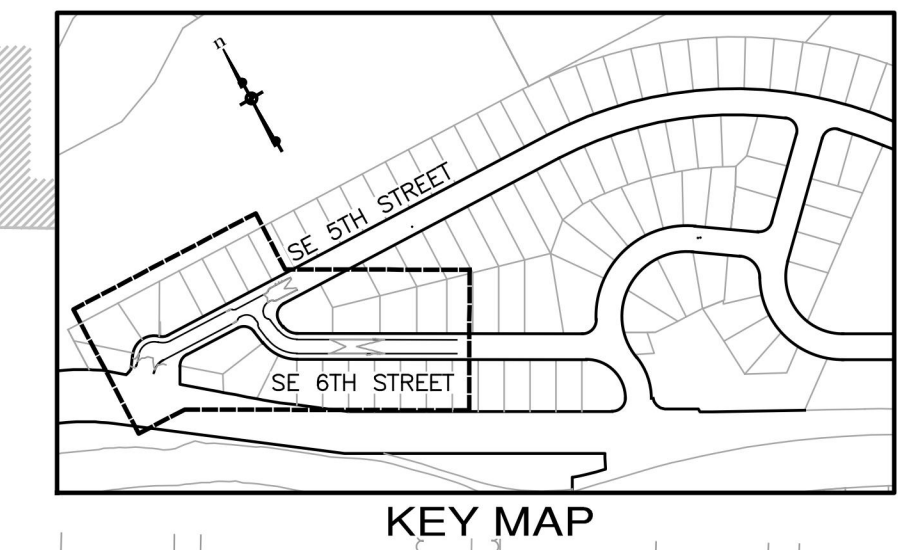
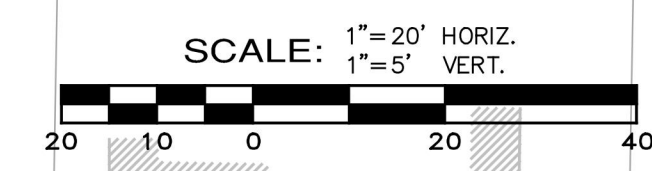
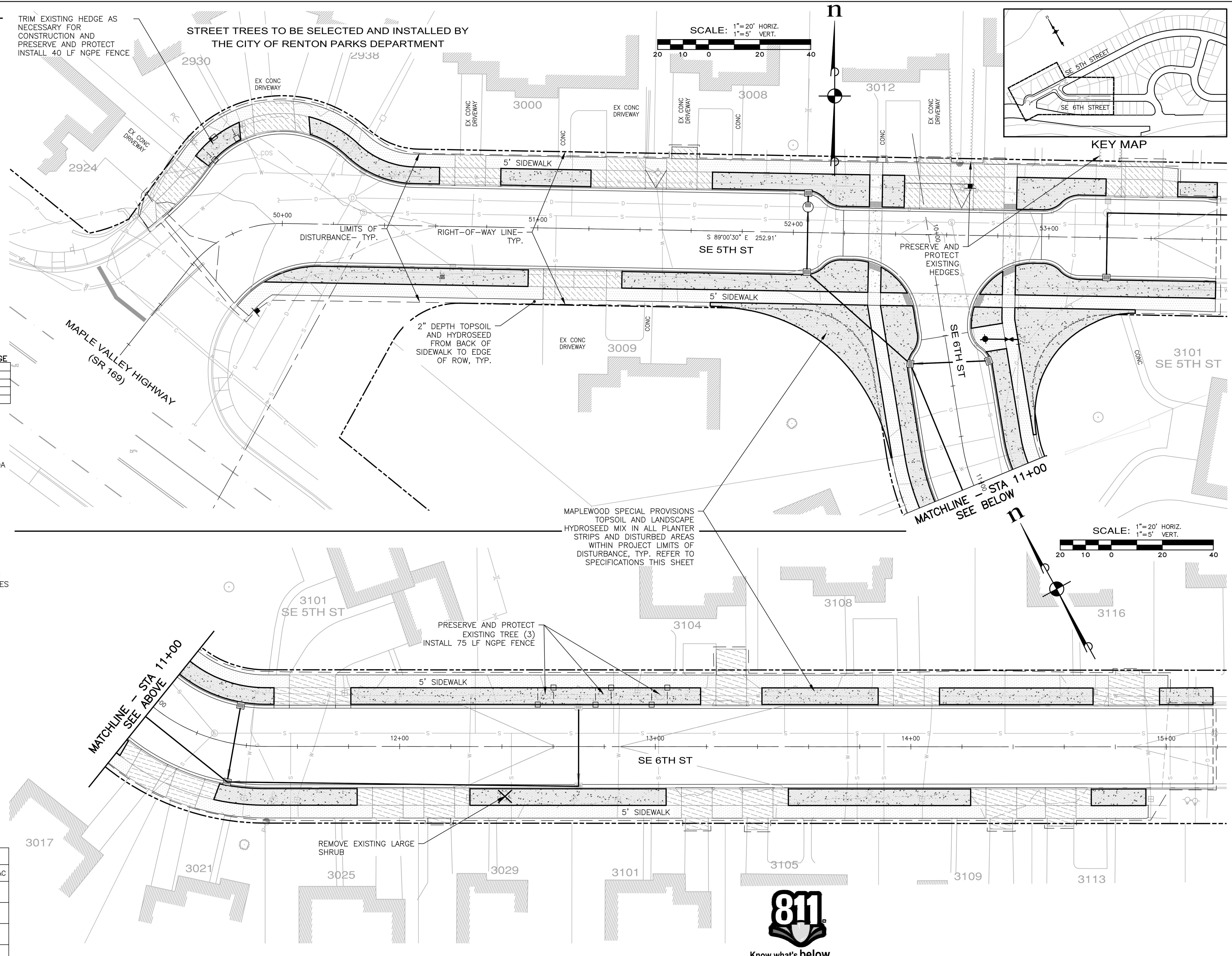
- THE GRASS SEED DEALER SHALL MIX THE GRASS SEED ONLY.
- THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH A DEALER'S GUARANTEED STATEMENT OF THE COMPOSITION, MIXTURE, AND THE PERCENTAGE OF PURITY AND GERMINATION OF EACH VARIETY.
- ALL SEED MIXES SHALL BE CERTIFIED AS 99% WEED-FREE AND 90% VIALBE SEEDS BY GERMINATION TESTS AND BY AGE SPECIFICATIONS BY SPECIES.
- APPLY HYDROSEED MULCH, TACKIFIER, SEED AND FERTILIZER PER SUPPLIER'S RECOMMENDATIONS.

SEED MIX SHALL BE COMPOSED OF THE FOLLOWING VARIETIES MIXED IN THE PROPORTIONS INDICATED:

MAPLEWOOD SIDEWALK REHABILITATION SPECIAL PROVISIONS LANDSCAPE SEED MIX			
Common/ Botanical Name	% SPECIES COMPOSITION	DESIRED SEEDS PER SF	PLS LBS/AC
Sideoats Grama / Bouteloua curtipendula	20	30	6.8
California Oatgrass/ Danthonia californica	20	30	6.2
Native Red Fescue/ Festuca rubra var. Rubra	30	45	3.9
Prairie Junegrass/ Koeleria macrantha	30	45	0.8

TRIM EXISTING HEDGE AS NECESSARY FOR CONSTRUCTION AND PRESERVE AND PROTECT. INSTALL 40 LF NGPE FENCE

STREET TREES TO BE SELECTED AND INSTALLED BY THE CITY OF RENTON PARKS DEPARTMENT



Drawing: \\Esm\eng\ESM-JOB\215 006\011\003\004\Maplewood_Sidewalk_2025\LA-01 - Copy.dwg Plotdate: 9/22/2025 3:39 PM

NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



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32001 32nd Ave S, Suite 200
Federal Way, WA 98001
www.esmcivil.com
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LYNNWOOD (425) 297-9900
ESM JOB #215-009-025

CITY OF RENTON
Public Works Department
Transportation Division
APPROVED FOR CONSTRUCTION
BY: _____ DATE: _____

CITY OF RENTON
CITYWIDE WALKWAY IMPROVEMENTS/
MAPLEWOOD SIDEWALK REHABILITATION
LANDSCAPE PLAN
CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **LA-01**
PROJECT NO. **TED4004265**
FED AID NO. **N/A**
DATE: **09/15/2025**
SHEET NO. **14** OF **20**

TRAFFIC CONTROL GENERAL NOTES:

ALL WORK SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PART 6, CITY OF RENTON STANDARD SPECIFICATIONS, AND THE CONTRACT, UNLESS OTHERWISE NOTED. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
ALL TCPS WITH TOP APPLICATION MUST BE SUBMITTED A MINIMUM OF 5 BUSINESS DAYS PRIOR TO THE BEGINNING OF WORK TO TOP@RENTONWA.GOV

- A COPY OF THE APPROVED PLAN(S) SHALL BE ON SITE DURING CONSTRUCTION.
- ALL PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT OF WAY MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
- POSTED SPEEDS WITHIN THE PROJECT SITE ARE AS FOLLOWS:
 - SE 5TH ST = 25 MPH
 - SE 6TH ST = 25 MPH
- NOTIFY THE FOLLOWING AGENCIES A MINIMUM OF 10 CALENDAR DAYS IN ADVANCE FOR ANY ROAD CLOSURES OR DETOURS:
 - CITY OF RENTON PUBLIC WORKS – (425) 430-7204
 - RENTON FIRE AUTHORITY – (425) 276-9580
 - CITY OF RENTON POLICE DEPARTMENT – (425) 430-7500
 - GENERAL KING COUNTY TMC – (206) 477-3663
 - KING COUNTY METRO – (206) 553-3000
 - REPUBLIC SERVICE (TRASH COLLECTION) – (253) 518-5145
 - RENTON SCHOOL DISTRICT TRANSPORTATION – (425) 204-4455
 ANY ROADWAY CLOSURES LASTING MORE THAN 24 HOURS REQUIRE APPROVAL BY CITY COUNCIL.
- ROAD WILL BE CLOSED SIGNS MUST BE POSTED AT LEAST 3 CALENDAR DAYS BEFORE ROAD CLOSURE BEGINS.
- MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES, UNLESS OTHER NOTED IN THESE PLANS OR APPROVED BY ENGINEER.
- THE LOCATION OF EXISTING FEATURES AND UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WORK. NOT ALL EXISTING FEATURES AND UTILITIES MAY BE SHOWN
- ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT UTILITY AGENCIES 48 HOURS PRIOR TO COMMENCING WORK AND SHALL COORDINATE WITH ALL AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES RESULTING FROM CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY AGENCY IMMEDIATELY UPON DAMAGE AND SHALL BE RESPONSIBLE FOR REPLACING DAMAGE EQUIPMENT TO THE SATISFACTION OF THE AFFECTED UTILITY AGENCY
- MAINTAIN EXISTING LANE WIDTHS AT ALL TIMES. DEVICES SHALL BE OFFSET FROM LANE/EDGE LINES BY A MINIMUM OF 2'. THE TRAFFIC CONTROL SUPERVISOR MAY FIELD-ADJUST DEVICES UP TO THE LANE/EDGE LINE IF NEEDED, BUT DEVICES SHALL NOT ENCR OACH INTO THE OPEN LANE. WHERE EXISTING LANE WIDTHS CANNOT FEASIBLY BE MAINTAINED, LANE WIDTH SHALL BE 11' MINIMUM AT ALL TIMES, UNLESS OTHERWISE NOTED IN THESE PLANS.
- DEVICE SPACING AT CORNERS SHALL BE A MAXIMUM OF 8' APART. THE TRAFFIC CONTROL SUPERVISOR MAY FIELD-ADJUST DEVICES TO PROVIDED TIGHTER SPACING FOR THE PROTECTION OF EXISTING SIGNAL POLES.
- WHERE STEEL PLATES ARE NECESSARY TO COVER AN EXCAVATION WITHIN THE ROADWAY, EACH SIDE OF THE PLATE SHALL HAVE A MINIMUM 12" BEARING ON THE SIDES OF THE EXCAVATION. PLATES SHALL BE ANCHORED AND BEDDED ON TEMPORARY PAVEMENT PATCH MATERIAL, SHIMMED TO PREVENT MOVEMENT, ORIENTED PERPENDICULAR TO TRAFFIC, WITH BEDDING TAPERED ON ALL SIDES TO PROVIDE SMOOTH TRANSITION FOR ALL USERS, PLATES SHALL BE TEXTURED TO PROVIDE A NON-SKID SURFACE AS APPROVED BY THE ENGINEER. PLATES SHALL BE DELINEATED WITH PAINT AT ITS EDGES AND WARNING SIGN(S) W8-24 (STEEL PLATE AHEAD) INSTALLED AS DIRECTED BY THE ENGINEER.
- TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE A MINIMUM OF 1' FROM THE TRAVELED WAY, CRASHWORTHY AND COMPLY WITH MUTCD PART 6.
- CHANNELIZATION DEVICES USED DURING HOURS OF DARKNESS SHALL HAVE RETROREFLECTIVE BANDS.
- CONTRACTOR SHALL COORDINATE LANE/SIDEWALK CLOSURES ACROSS EXISTING DRIVEWAYS WITH ADJACENT PROPERTY OWNERS A MINIMUM OF 48 HOURS IN ADVANCE OF CLOSURE. CONTRACTOR SHALL SET UP TRAFFIC CONTROL DEVICES TO MAINTAIN ACCESS TO PROPERTIES AT ALL TIMES, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.
- SEE SECTION 1-07 OF THE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS REGARDING CONSTRUCTION UNDER TRAFFIC.
- TRAFFIC CONTROL SIGNS IN PLACE AT ONE LOCATION CONTINUOUSLY FOR LONGER THAN THREE DAYS SHALL BE CLASS A.
- CLASS A CONSTRUCTION SIGNING SHALL BE INSTALLED PER WSDOT STANDARD PLANS K-80.1 AND G-22.10.
- SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND, UNLESS OTHERWISE NOTED IN THESE PLANS.
- DIAMOND SHAPED WARNING SIGNS SHALL BE 36"x36" UNLESS OTHERWISE NOTED IN THESE PLANS.
- WARNING SIGNS SHALL BE ON TRIPODS OR 4 LEG STANDS. ALL OTHER SIGNS CAN BE ON TYPE 1 BARRICADES.
- SIGNS MOUNTED TO TYPE 3 BARRICADES SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND COMPLY WITH MUTCD PART 6.
- TYPE 3 BARRICADES SHALL BE INSTALLED IN ACCORDANCE MUTCD PART 6. PLACE TYPE III BARRICADES (R11-2 AND R11-3) ADJACENT TO TRAVELED WAY (ON SHOULDER, BUT WITHIN TRAVEL LANES.)
- PROVIDE PEDESTRIAN AND BICYCLE TRAFFIC WITH AN ALTERNATE ROUTE WHEN EXITING FACILITIES ARE INTERRUPTED BY CONSTRUCTION ACTIVITIES. ALTERNATIVE ROUTES SHALL BE CLEARLY DELINEATED AND SEPARATED FROM THE CONSTRUCTION ACTIVITIES. THE FOLLOWING GUIDANCE IS PROVIDED REGARDING TEMPORARY TRAFFIC CONTROL FOR PEDESTRIANS:
 - TEMPORARY TRAFFIC CONTROL DEVICES AND OTHER CONSTRUCTION WORK/MATERIALS/EQUIPMENT SHALL NOT ENCR OACH INTO THE USABLE WIDTH OF PEDESTRIAN ROUTES.
 - PROVIDE A MINIMUM 84" UNOBSTRUCTED VERTICAL CLEARANCE FOR PEDESTRIAN ROUTES. SIGNS AND OTHER DEVICES LOWER THAN 84" ABOVE THE PEDESTRIAN ROUTE SHALL NOT PROJECT GREATER THAN 4" INTO THE ROUTE.
 - PROVIDE A SMOOTH, CONTINUOUS, HARD SURFACE THROUGH THE LENGTH AND WIDTH OF THE PEDESTRIAN ROUTE. THERE SHALL BE NO CURBS OR VERTICAL ELEVATION CHANGES GREATER THAN 12" IN GRADE OR TERRAIN. VERTICAL ELEVATION DIFFERENCES BETWEEN 1/4" AND 1/2" SHALL BE BEVELED AT A MAXIMUM SLOPE

- OF 2:1.
 - IF CHANNELIZATION DEVICES ARE USED TO DELINEATE A PEDESTRIAN ROUTE, A CONTINUOUS DETECTABLE EDGING SHALL BE PROVIDED THROUGH THE LENGTH OF THE ROUTE. THE TOP OF THE EDGING SHALL BE A MINIMUM OF 32" ABOVE THE ROUTE SURFACE AND THE BOTTOM OF THE EDGING SHALL BE A MAXIMUM OF 2" ABOVE THE ROUTE SURFACE.
 - AT LOCATIONS WHERE PROVIDING AN ALTERNATE PEDESTRIAN ROUTE IS INFEASIBLE. PEDESTRIAN CLOSURE/DIRECTION SIGNAGE SHALL BE POSTED IN ADVANCE OF THE PEDESTRIAN FACILITY CLOSURE AT THE NEAREST MARKED CROSSWALK OR INTERSECTION.
 - PHYSICAL BARRICADES SHALL BE INSTALLED WHEREVER THE EXISTING ACCESSIBLE ROUTE IS CLOSED TO PREVENT PEDESTRIANS FROM INADVERTENTLY ENTERING A WORK AREA.
 - TEMPORARY RAMPS SHALL BE CONSTRUCTED WHEREVER AN ALTERNATE PEDESTRIAN ROUTE CROSSES A CURB AND EXISTING CURB RAMPS ARE UNAVAILABLE. THE MINIMUM WIDTH OF THE RAMP SHALL BE 48". THE MAXIMUM SLOPE OF THE RAMP SHALL BE 8.3%. THE MAXIMUM CROSS SLOPE OF A RAMP SHALL BE 2%. THE BOTTOM OF THE TEMPORARY RAMP SHALL BE FLUSH WITH THE ROADWAY. TEMPORARY DETECTABLE WARNING MATS (OR SIMILAR) SHALL BE INSTALLED AT STREET CROSSINGS.
 - INFORMATION REGARDING CLOSED PEDESTRIAN ROUTES, ALTERNATE CROSSINGS, AND SIGN/SIGNAL INFORMATION SHALL BE COMMUNICATED TO PEDESTRIANS BY PROVIDING DEVICES SUCH AS AUDIBLE INFORMATION DEVICES, ACCESSIBLE PEDESTRIAN SIGNALS, AND/OR DETECTABLE BARRIER/CHANNELIZATION DEVICES.
26. THE CONTRACTOR SHALL TREAT DROP OFFS (ABRUPT CHANGES IN ELEVATION) IN ACCORDANCE WITH SECTION 1-07.23(1)A.
27. CONTRACTOR TO PROVIDE THREE (3) DAYS NOTICE FOR CONCRETE SIDEWALKS, CURB, GUTTER, AND DRIVEWAY CONSTRUCTION. DRIVEWAYS SHALL BE BLOCKED OFF AND NOT DRIVEN ON FOR SEVEN (7) DAYS AFTER CONCRETE PLACEMENT.

TRAFFIC CONTROL PROJECT SPECIFIC NOTES:

- CONTRACTOR TO PROVIDE SIGNAGE AND BARRICADES FOR FULL CLOSURE DURING WORK HOURS, PLATED ACCESS DURING NON-WORKING HOURS.
- FLAGGERS ARE NOT ANTICIPATED TO BE NEEDED, ONLY CONSTRUCTION CREW SPOTTERS.
- USE TEMPORARY NO PARKING SIGNS TO CLEAR PARKING. ATTACH RENTON TEMPORARY NO PARKING FORM TO SIGNS AND FOLLOW INSTRUCTIONS ON FORM

SIGN SPACING = X (1)		
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ±
URBAN STREETS	25 MPH OR LESS	100' ±

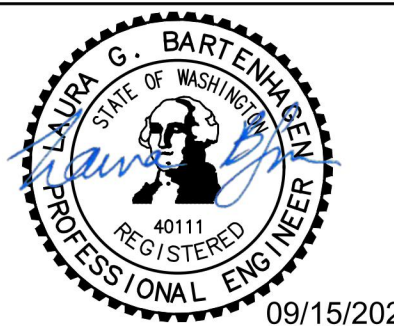
LEGEND:

- BARRICADE – TYPE 3 R
- BARRICADE – TYPE 3 L
- WORK ZONE

- SIGN LOCATION
- WORK VEHICLE

- ROAD WORK AHEAD (1) W20-1
- ROAD CLOSED AHEAD (2) W20-3
- ROAD CLOSED LOCAL TRAFFIC ONLY (3) R11-3 60" X 30" B/W
- SIDEWALK CLOSED CROSS HERE (4) R9-11A B/W
- SIDEWALK CLOSED (5) R9-9 B/W
- ROAD CLOSED (6) R11-2 B/W
- ROAD WILL BE CLOSED MON DA – MON DA 8AM-4PM (7) R11-1501 B/W
- DETOUR (8) M4-10R
- DETOUR (9) M4-10L
- (10) R3-1 36" X 36" B/W/R
- SE 5TH ST (11) M4-4(MOD)
- DETOUR (12) M4-9R 48" X 36"
- DETOUR (13) M4-9L 48" X 36"
- DETOUR (14) M4-9(MOD) 48" X 36"
- DETOUR AHEAD (15) W20-2
- YIELD (16) R1-2
- ONE LANE ROAD AHEAD (17) W3-2
- ONE LANE ROAD AHEAD (18) W20-3
- TO ONCOMING TRAFFIC (19) R1-2A

NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



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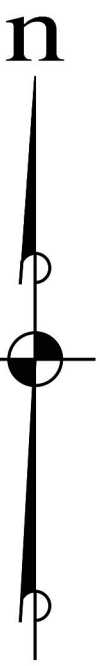
CITY OF RENTON
 Public Works Department
 Transportation Division
 APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____

CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 TRAFFIC CONTROL PLAN - NOTES
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **TC-01**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **15** OF **20**

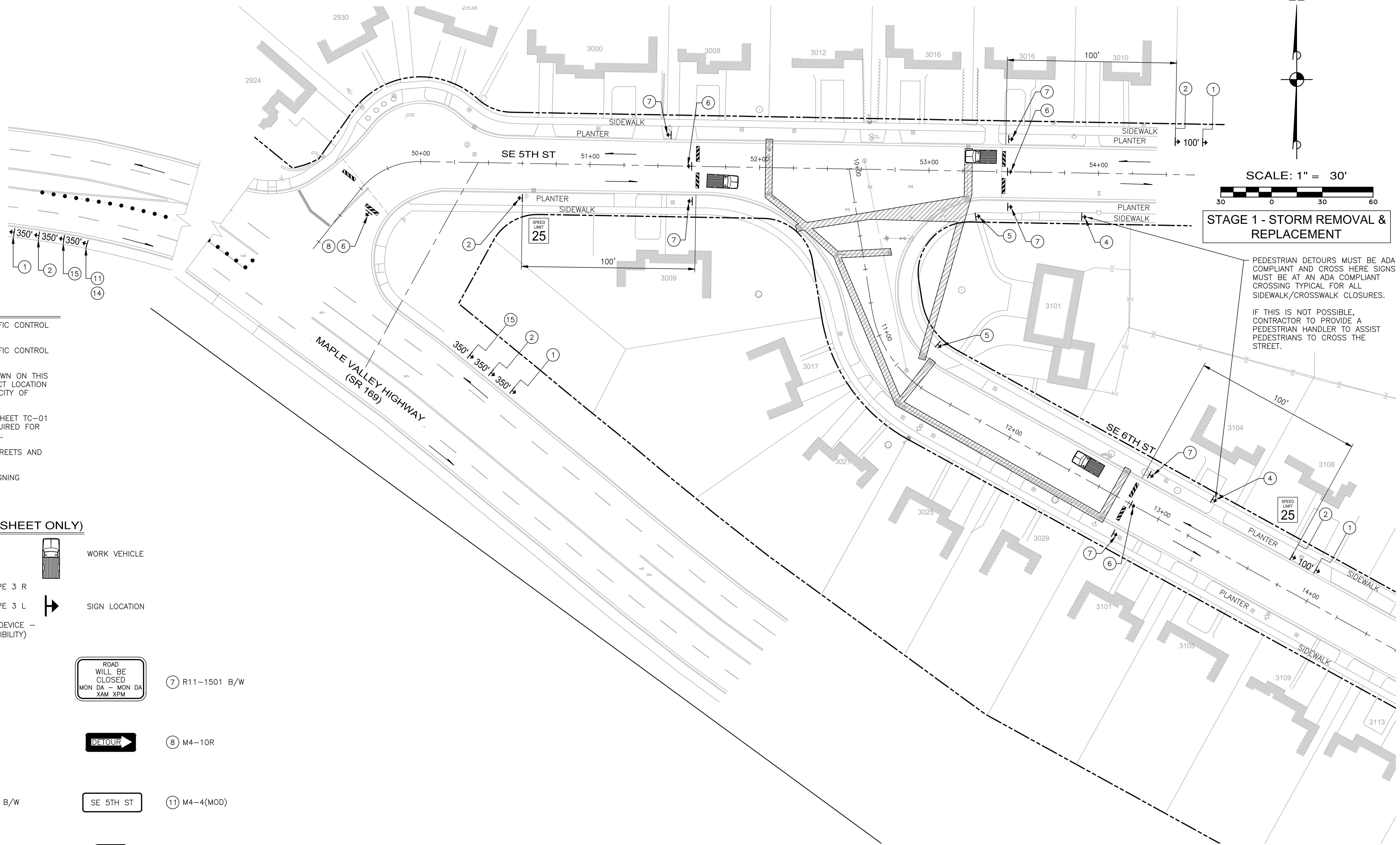


PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION



SCALE: 1" = 30'
30 0 30 60
STAGE 1 - STORM REMOVAL & REPLACEMENT

PEDESTRIAN DETOURS MUST BE ADA COMPLIANT AND CROSS HERE SIGNS MUST BE AT AN ADA COMPLIANT CROSSING TYPICAL FOR ALL SIDEWALK/CROSSWALK CLOSURES.
IF THIS IS NOT POSSIBLE, CONTRACTOR TO PROVIDE A PEDESTRIAN HANDLER TO ASSIST PEDESTRIANS TO CROSS THE STREET.



NOTES:

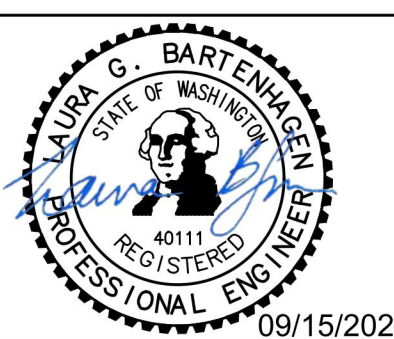
1. SEE SHEET TC-01 FOR TRAFFIC CONTROL GENERAL NOTES.
2. SEE SHEET TC-01 FOR TRAFFIC CONTROL LEGEND AND TABLES.
3. DETOUR SIGN LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. EXACT LOCATION SHALL BE AS APPROVED BY CITY OF RENTON.
4. SEE GENERAL NOTE 22 ON SHEET TC-01 FOR ADDITIONAL DETAILS REQUIRED FOR PEDESTRIAN TRAFFIC CONTROL.
5. MAINTAIN ACCESS TO SIDE STREETS AND DRIVEWAYS AT ALL TIMES.
6. SEE TC-06 FOR ADVANCE SIGNING

SIGN LEGEND: (THIS SHEET ONLY)

	WORK ZONE		WORK VEHICLE
	BARRICADE - TYPE 3 R		SIGN LOCATION
	BARRICADE - TYPE 3 L		
	CHANNELIZATION DEVICE - DRUMS (HIGH VISIBILITY)		
	① W20-1		⑦ R11-1501 B/W
	② W20-3		⑧ M4-10R
	④ R9-11A B/W		⑪ M4-4(MOD)
	⑤ R9-9 B/W		⑭ M4-9(MOD) 48" X 36"
	⑥ R11-2 B/W		⑮ W20-2

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NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



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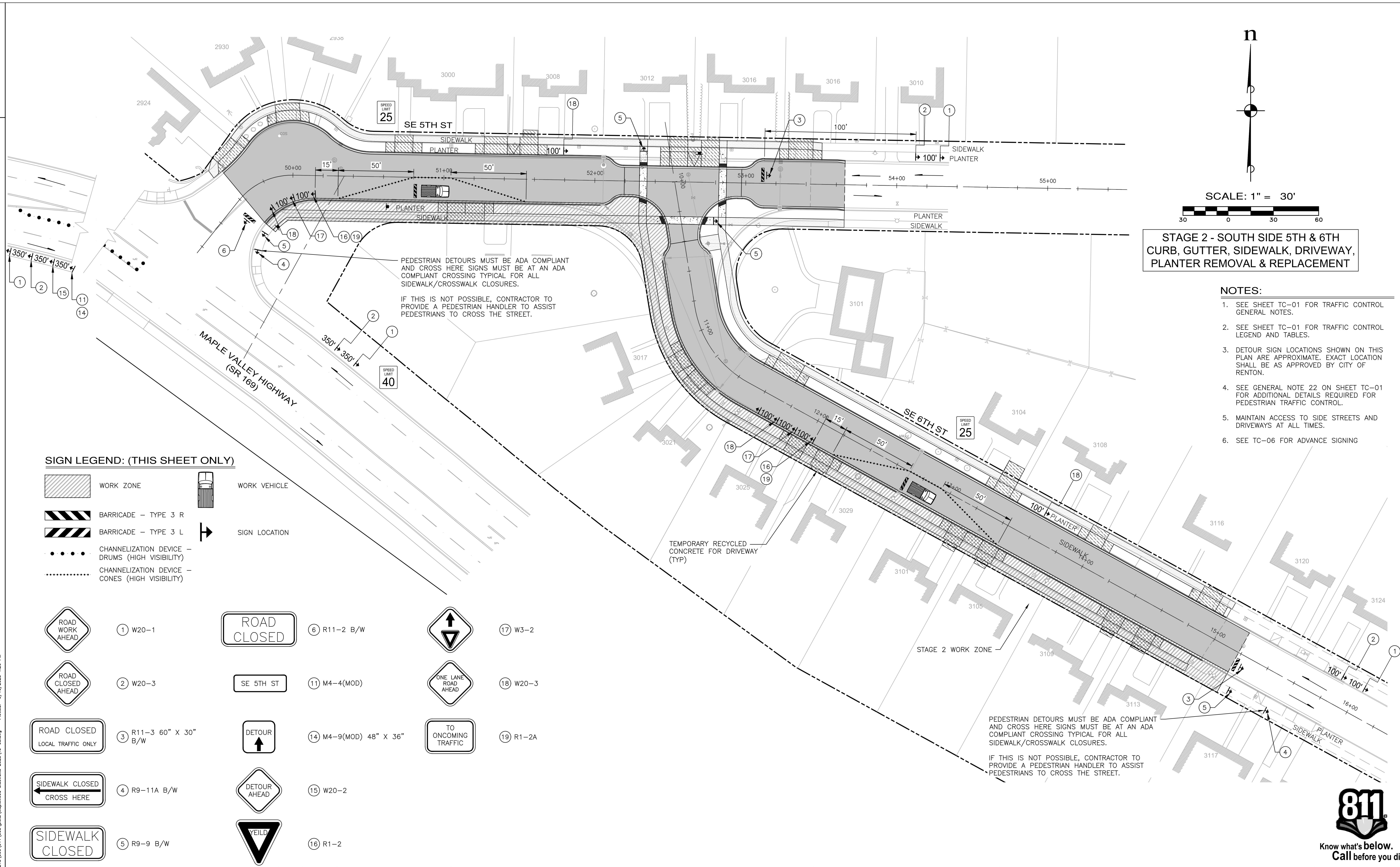
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Public Works Department
Transportation Division
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CITY OF RENTON
CITYWIDE WALKWAY IMPROVEMENTS/
MAPLEWOOD SIDEWALK REHABILITATION
TRAFFIC CONTROL PLAN - STAGE 1
CITY OF RENTON CONTRACT NO. CAG-25-290

811
Know what's below.
Call before you dig.
DRAWING NO. **TC-02**
PROJECT NO. **TED4004265**
FED AID NO. **N/A**
DATE: **09/15/2025**
SHEET NO. **16** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION



STAGE 2 - SOUTH SIDE 5TH & 6TH CURB, GUTTER, SIDEWALK, DRIVEWAY, PLANTER REMOVAL & REPLACEMENT

- NOTES:**
1. SEE SHEET TC-01 FOR TRAFFIC CONTROL GENERAL NOTES.
 2. SEE SHEET TC-01 FOR TRAFFIC CONTROL LEGEND AND TABLES.
 3. DETOUR SIGN LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. EXACT LOCATION SHALL BE AS APPROVED BY CITY OF RENTON.
 4. SEE GENERAL NOTE 22 ON SHEET TC-01 FOR ADDITIONAL DETAILS REQUIRED FOR PEDESTRIAN TRAFFIC CONTROL.
 5. MAINTAIN ACCESS TO SIDE STREETS AND DRIVEWAYS AT ALL TIMES.
 6. SEE TC-06 FOR ADVANCE SIGNING

SIGN LEGEND: (THIS SHEET ONLY)

	WORK ZONE		WORK VEHICLE
	BARRICADE - TYPE 3 R		SIGN LOCATION
	BARRICADE - TYPE 3 L		
	CHANNELIZATION DEVICE - DRUMS (HIGH VISIBILITY)		
	CHANNELIZATION DEVICE - CONES (HIGH VISIBILITY)		

	① W20-1		⑥ R11-2 B/W		⑬ W3-2
	② W20-3		⑪ M4-4(MOD)		⑱ W20-3
	③ R11-3 60" X 30" B/W		⑭ M4-9(MOD) 48" X 36"		⑲ R1-2A
	④ R9-11A B/W		⑮ W20-2		
	⑤ R9-9 B/W		⑯ R1-2		

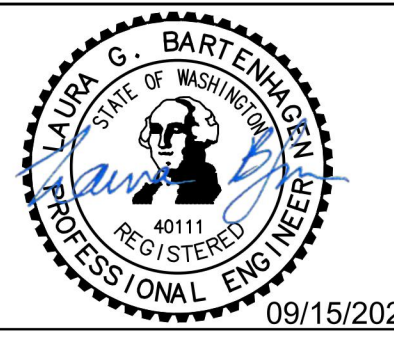
PEDESTRIAN DETOURS MUST BE ADA COMPLIANT AND CROSS HERE SIGNS MUST BE AT AN ADA COMPLIANT CROSSING TYPICAL FOR ALL SIDEWALK/CROSSWALK CLOSURES.
 IF THIS IS NOT POSSIBLE, CONTRACTOR TO PROVIDE A PEDESTRIAN HANDLER TO ASSIST PEDESTRIANS TO CROSS THE STREET.



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 BY: _____ DATE: _____

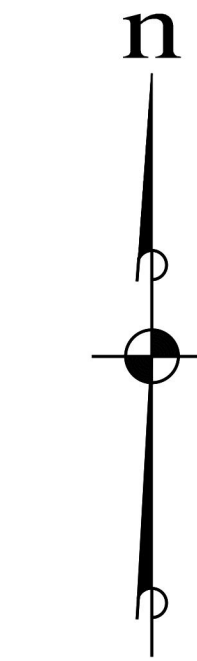
CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 TRAFFIC CONTROL PLAN - STAGE 2
 CITY OF RENTON CONTRACT NO. CAG-25-290

DRAWING NO. **TC-03**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **17** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION

PEDESTRIAN DETOURS MUST BE ADA COMPLIANT AND CROSS HERE SIGNS MUST BE AT AN ADA COMPLIANT CROSSING TYPICAL FOR ALL SIDEWALK/CROSSWALK CLOSURES.
 IF THIS IS NOT POSSIBLE, CONTRACTOR TO PROVIDE A PEDESTRIAN HANDLER TO ASSIST PEDESTRIANS TO CROSS THE STREET.

STAGE 3 - NORTH SIDE 5TH & 6TH CURB, GUTTER, SIDEWALK, DRIVEWAY, PLANTER REMOVAL & REPLACEMENT

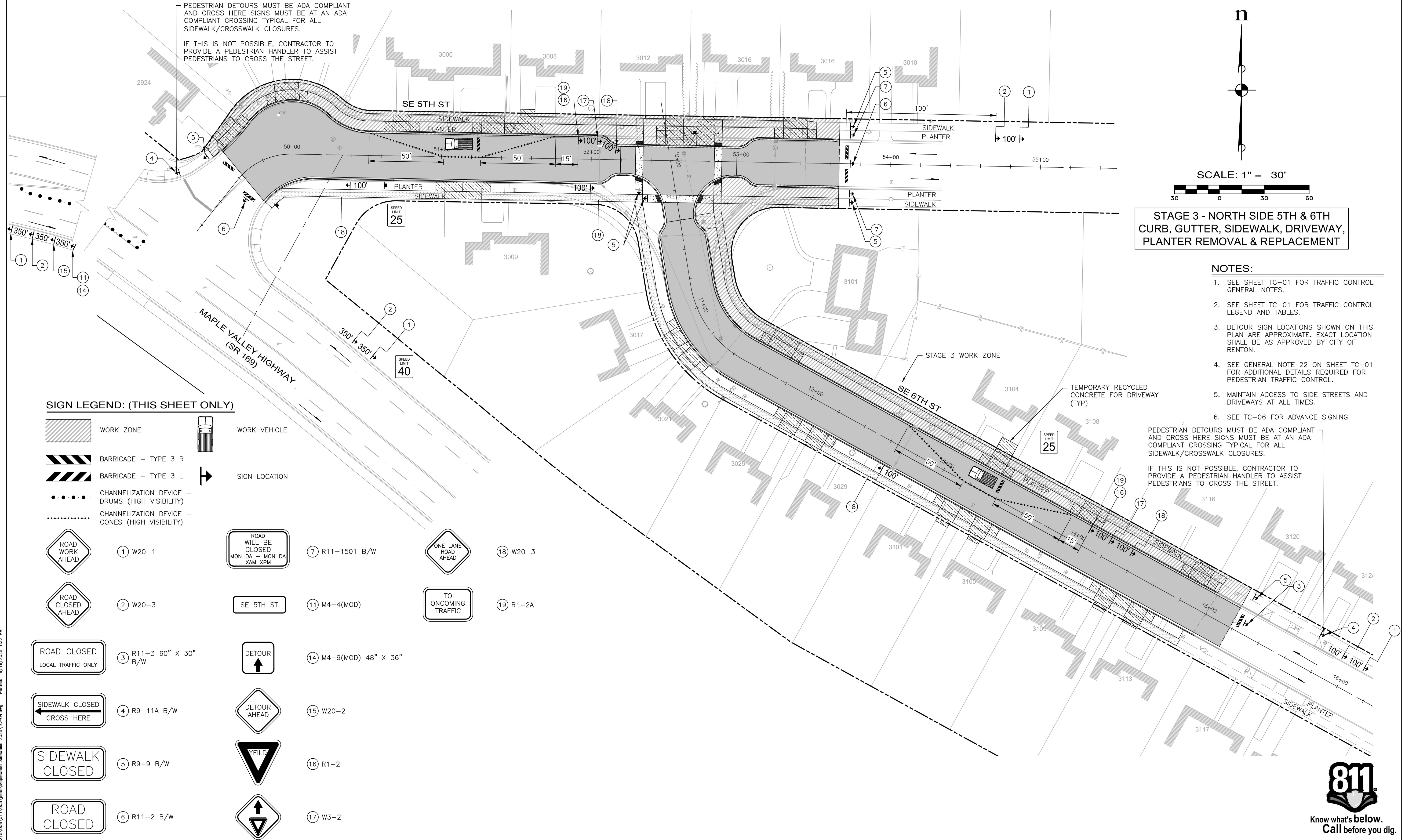


SCALE: 1" = 30'



- NOTES:**
1. SEE SHEET TC-01 FOR TRAFFIC CONTROL GENERAL NOTES.
 2. SEE SHEET TC-01 FOR TRAFFIC CONTROL LEGEND AND TABLES.
 3. DETOUR SIGN LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. EXACT LOCATION SHALL BE AS APPROVED BY CITY OF RENTON.
 4. SEE GENERAL NOTE 22 ON SHEET TC-01 FOR ADDITIONAL DETAILS REQUIRED FOR PEDESTRIAN TRAFFIC CONTROL.
 5. MAINTAIN ACCESS TO SIDE STREETS AND DRIVEWAYS AT ALL TIMES.
 6. SEE TC-06 FOR ADVANCE SIGNING

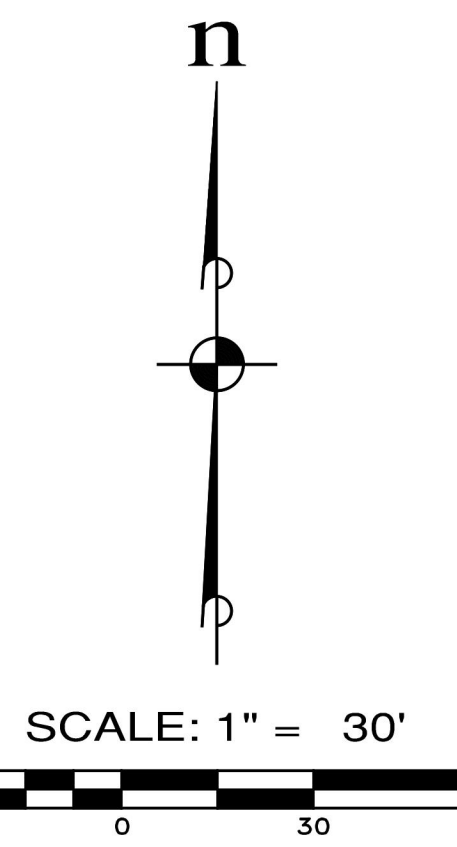
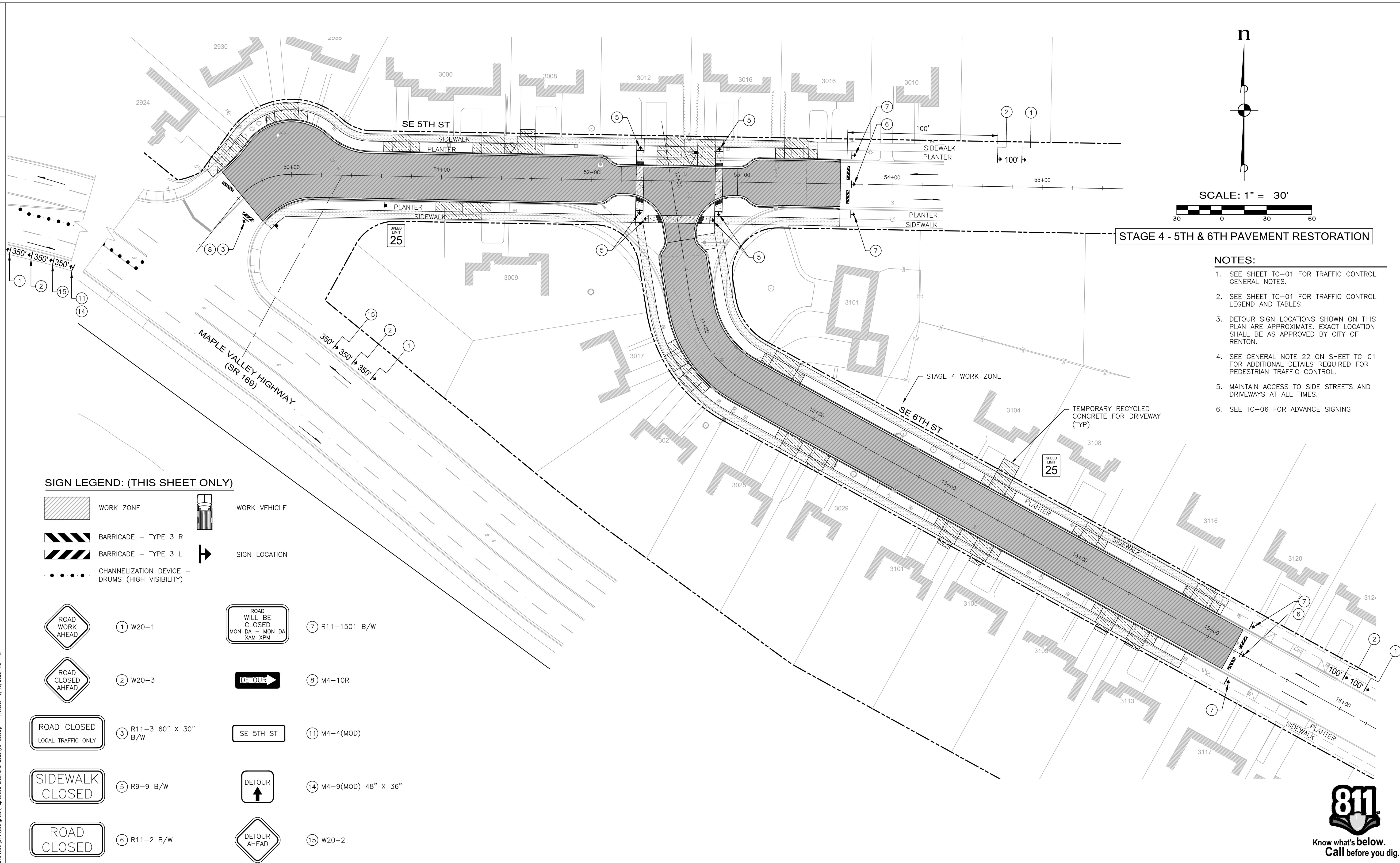
PEDESTRIAN DETOURS MUST BE ADA COMPLIANT AND CROSS HERE SIGNS MUST BE AT AN ADA COMPLIANT CROSSING TYPICAL FOR ALL SIDEWALK/CROSSWALK CLOSURES.
 IF THIS IS NOT POSSIBLE, CONTRACTOR TO PROVIDE A PEDESTRIAN HANDLER TO ASSIST PEDESTRIANS TO CROSS THE STREET.



SIGN LEGEND: (THIS SHEET ONLY)

	WORK ZONE		WORK VEHICLE
	BARRICADE - TYPE 3 R		SIGN LOCATION
	BARRICADE - TYPE 3 L		CHANNELIZATION DEVICE - DRUMS (HIGH VISIBILITY)
	CHANNELIZATION DEVICE - CONES (HIGH VISIBILITY)		1 W20-1
	2 W20-3		7 R11-1501 B/W
	3 R11-3 60" X 30" B/W		18 W20-3
	4 R9-11A B/W		11 M4-4(MOD)
	5 R9-9 B/W		14 M4-9(MOD) 48" X 36"
	6 R11-2 B/W		15 W20-2
	19 R1-2A		16 R1-2
	7 R11-1501 B/W		17 W3-2
	11 M4-4(MOD)		18 W20-3
	14 M4-9(MOD) 48" X 36"		19 R1-2A
	15 W20-2		TO ONCOMING TRAFFIC
	16 R1-2		DETOUR
	17 W3-2		DETOUR AHEAD
	18 W20-3		YIELD
	19 R1-2A		ROAD CLOSED
	TO ONCOMING TRAFFIC		ROAD WILL BE CLOSED MON DA - MON DA XAM XPM
	DETOUR		SE 5TH ST
	DETOUR AHEAD		ONE LANE ROAD AHEAD
	YIELD		ROAD CLOSED LOCAL TRAFFIC ONLY
	ROAD CLOSED		SIDWALK CLOSED CROSS HERE
	ROAD WILL BE CLOSED MON DA - MON DA XAM XPM		SIDWALK CLOSED
	SE 5TH ST		ROAD CLOSED
	ONE LANE ROAD AHEAD		ROAD CLOSED
	DETOUR		ROAD CLOSED
	DETOUR AHEAD		ROAD CLOSED
	YIELD		ROAD CLOSED
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PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION



STAGE 4 - 5TH & 6TH PAVEMENT RESTORATION

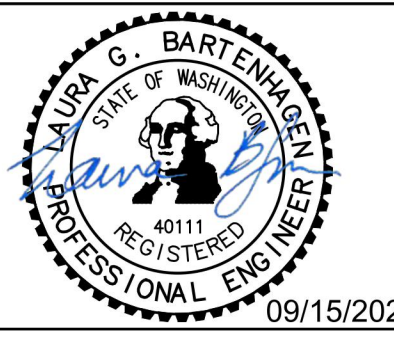
- NOTES:**
1. SEE SHEET TC-01 FOR TRAFFIC CONTROL GENERAL NOTES.
 2. SEE SHEET TC-01 FOR TRAFFIC CONTROL LEGEND AND TABLES.
 3. DETOUR SIGN LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. EXACT LOCATION SHALL BE AS APPROVED BY CITY OF RENTON.
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SIGN LEGEND: (THIS SHEET ONLY)

	WORK ZONE		WORK VEHICLE
	BARRICADE - TYPE 3 R		SIGN LOCATION
	CHANNELIZATION DEVICE - DRUMS (HIGH VISIBILITY)		
	① W20-1		⑦ R11-1501 B/W
	② W20-3		⑧ M4-10R
	③ R11-3 60" X 30" B/W		⑪ M4-4(MOD)
	⑤ R9-9 B/W		⑭ M4-9(MOD) 48" X 36"
	⑥ R11-2 B/W		⑮ W20-2

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 FILENAME:

NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



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 DRAWN BY: **JH**
 DESIGN BY: **LGB**
 CHECK BY: **TLS**
 PROJ MGR: **LGB**
 FILE: TC-05.dwg

ESM CONSULTING ENGINEERS LLC
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 Federal Way, WA 98001
 www.esmcivil.com
 Civil Engineering | Land Surveying | Land Planning
 Public Works | Project Management | Landscape Architecture
 ESM JOB #215-009-025

CITY OF RENTON
 Public Works Department
 Transportation Division
 APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____

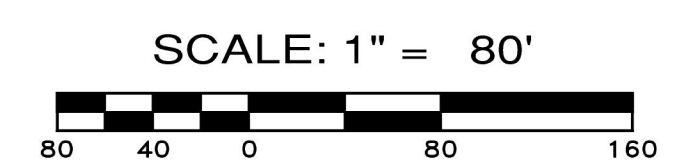
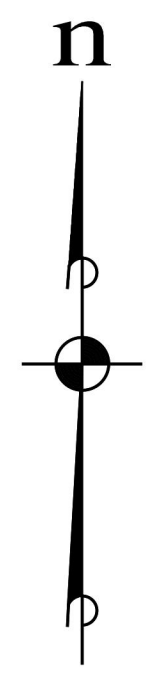
CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 TRAFFIC CONTROL PLAN - STAGE 4
 CITY OF RENTON CONTRACT NO. CAG-25-290

Know what's below.
 Call before you dig.
 DRAWING NO. **TC-05**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **19** OF **20**

PROJECT NAME
MAPLEWOOD SIDEWALK REHABILITATION

COMMENTS FOR ADVANCE SIGNING ON THIS SHEET ARE NOT EXACT LOCATIONS. SIGN LOCATIONS TO BE DETERMINED BY DESIGNER AND SPACING PER MUTCD, TYPICAL FOR ALL SHEETS

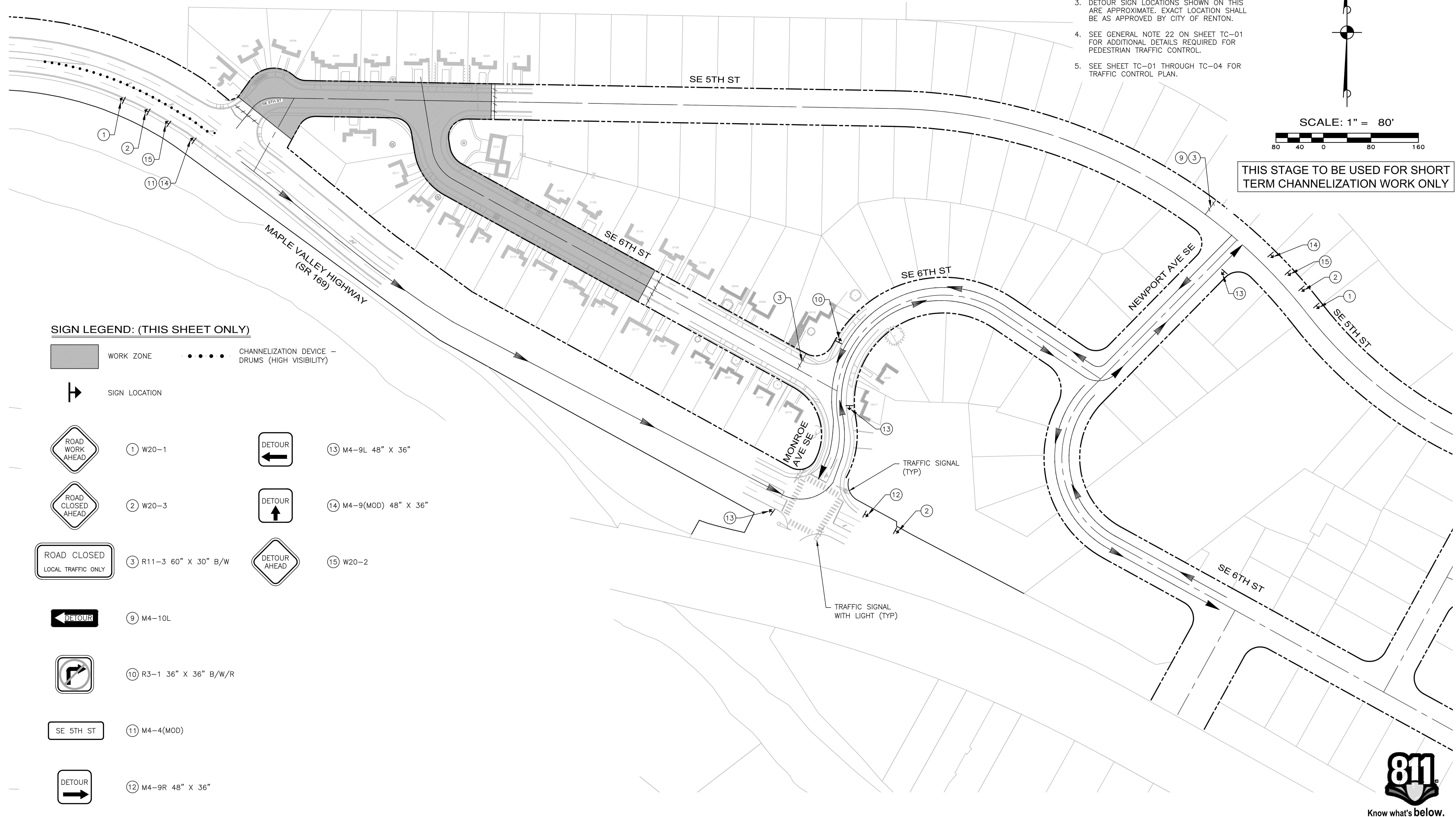
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 5. SEE SHEET TC-01 THROUGH TC-04 FOR TRAFFIC CONTROL PLAN.



THIS STAGE TO BE USED FOR SHORT TERM CHANNELIZATION WORK ONLY

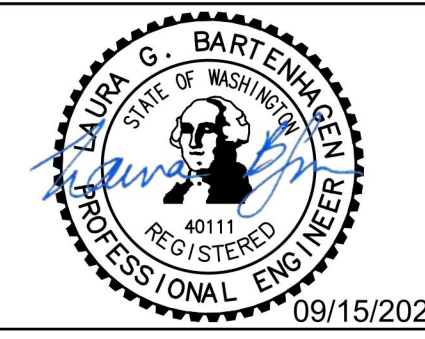
SIGN LEGEND: (THIS SHEET ONLY)

- WORK ZONE
- CHANNELIZATION DEVICE - DRUMS (HIGH VISIBILITY)
- SIGN LOCATION
- ① W20-1
- ② W20-3
- ③ R11-3 60" X 30" B/W
- ⑨ M4-10L
- ⑩ R3-1 36" X 36" B/W/R
- ⑪ M4-4(MOD)
- ⑫ M4-9R 48" X 36"
- ⑬ M4-9L 48" X 36"
- ⑭ M4-9(MOD) 48" X 36"
- ⑮ W20-2



Drawing: \\esm\proj\ESM-005\215\009\011\003\p003\Maplewood_Sidewalks_2025\TC-06.dwg Plothead: 9/16/2025 1:37 PM

NUMBER	REVISION DESCRIPTION	BY	APP.	DATE



SURVEYED: **ESM**
 DRAWN BY: **JH**
 DESIGN BY: **LGB**
 CHECK BY: **TLS**
 PROJ MGR: **LGB**
 FILE: TC-06.dwg

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CITY OF RENTON
 Public Works Department
 Transportation Division
 APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____

CITY OF RENTON
 CITYWIDE WALKWAY IMPROVEMENTS/
 MAPLEWOOD SIDEWALK REHABILITATION
 TRAFFIC CONTROL PLAN - DETOUR
 CITY OF RENTON CONTRACT NO. CAG-25-290

811
 Know what's below.
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DRAWING NO. **TC-06**
 PROJECT NO. **TED4004265**
 FED AID NO. **N/A**
 DATE: **09/15/2025**
 SHEET NO. **20** OF **20**