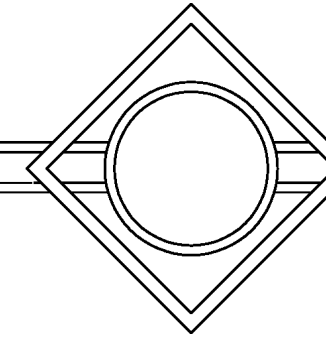


# CITY OF SHORELINE

## 15TH AVE NE - SIDEWALK REHABILITATION NE 155TH ST TO NE 175TH ST

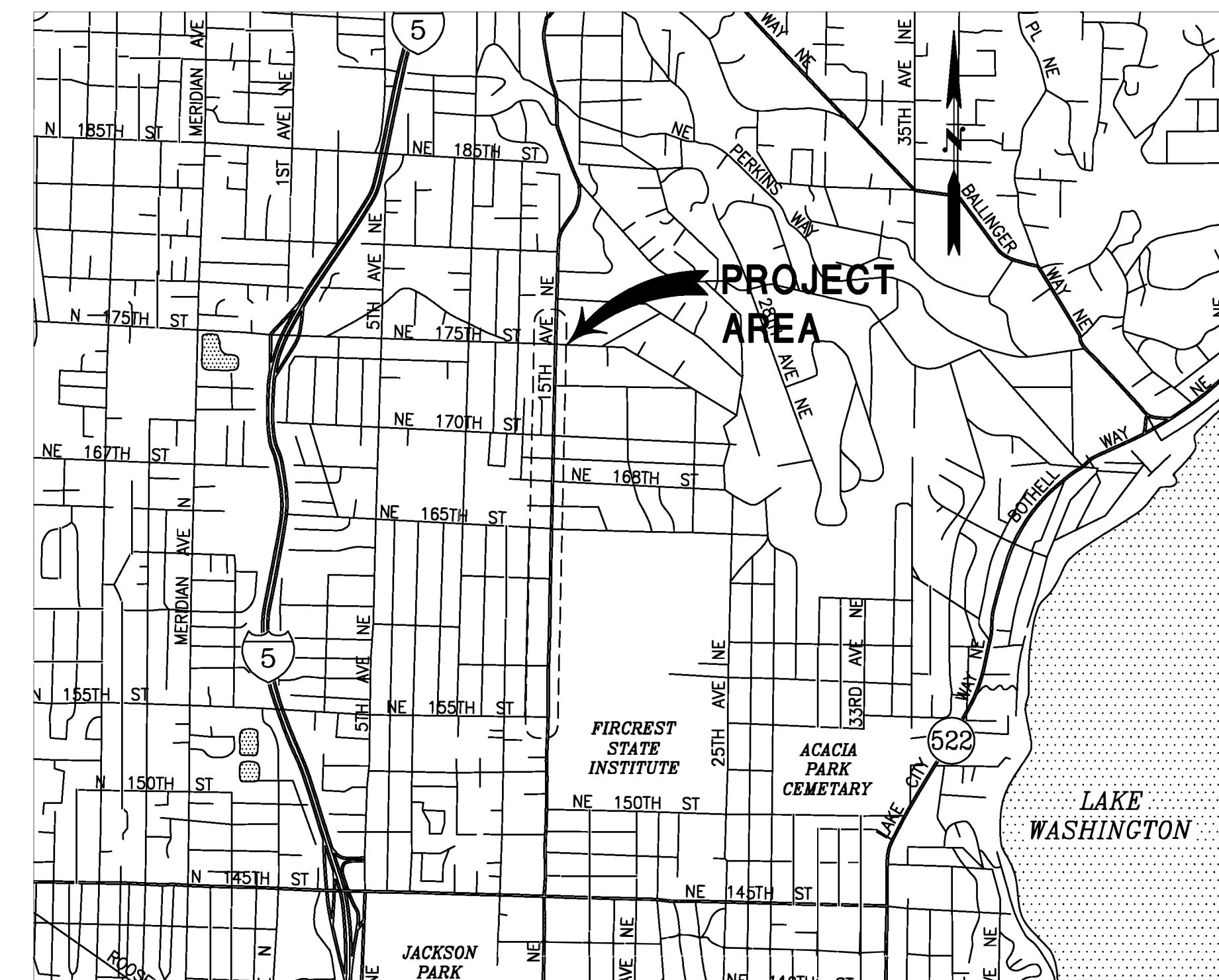
PROJECT No. 9571



### SHEET INDEX

NO.	NAME	DESCRIPTION
1	CV1	COVER SHEET, VICINITY MAP, AND SHEET INDEX
2	LN1	LEGEND AND ABBREVIATIONS
3	GN1	GENERAL NOTES
4-4	AP1-AP1	ALIGNMENT AND SURVEY CONTROL PLAN
7-10	SP1-SP4	SITE PREPARATION & TESC PLAN
11-21	SW1-SW11	SIDEWALK PLAN
22	MD1	MISCELLANEOUS DETAILS
23-27	RD1-RD5	RAMP DETAILS
28-39	CS1-CS12	CHANNELIZATION AND SIGNING PLAN

### VICINITY MAP



#### SHORELINE CITY COUNCIL

KEITH SCULLY  
MAYOR

BETSY ROBERTSON  
DEPUTY MAYOR

DORIS FUJIOKA McCONNELL  
LAURA MORK  
EBEA POBEE  
JOHN RAMSDALL  
CHRIS ROBERTS

#### INTERIM DIRECTOR OF PUBLIC WORKS

TRICIA JUHNKE, P.E.

#### PROJECT MANAGER

JOSH KING, P.E., CITY OF SHORELINE  
CHARLES SMITH, P.E., REID MIDDLETON

#### APPROVED FOR CONSTRUCTION

TRICIA JUHNKE, PE  
CITY ENGINEER

DATE APPROVED

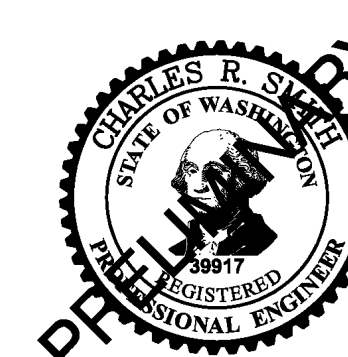


Know what's below.  
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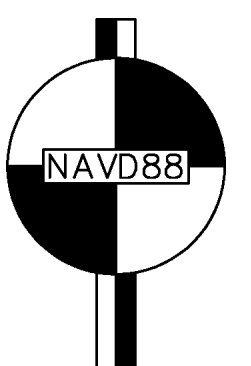
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**ReidMiddleton**







728 134th Street SW · Suite 200  
Everett, Washington 98204  
Ph: 425 741-3800



1/15/2020



**CONSTRUCTION NOTE**

-  ILLUMINATION CONDUIT/WIRE NOTE
-  WATER/STORM DRAINAGE/EROSION CONTROL/UTILITY
-  GENERAL/CONSTRUCTION NOTE
-  SAWCUT
-  STREET SIGN/CURVE ID
-  REMOVAL NOTE

**ABBREVIATIONS**

- AC ASBESTOS CEMENT
- ACP ASPHALT CONCRETE PAVEMENT
- AVE AVENUE
- BLRD BOLLARD
- BP BEGIN PROJECT
- BVCE BEGIN VERTICAL CURVE ELEVATION
- BVCS BEGIN VERTICAL CURVE STATION
- EVCE END VERTICAL CURVE ELEVATION
- EVCS END VERTICAL CURVE STATION
- CB CATCH BASIN
- CI CONCRETE INLET
- CIP CAST IN PLACE
- CKT CURCUIT
- CL CENTER LINE
- CLR CLEARANCE
- COL COLUMN
- CONT CONTINOUS
- COS CITY OF SHORELINE
- CPP CORRUGATED PLASTIC PIPE
- CSBC CRUSHED SURFACING BASE COURSE
- CSTC CRUSHED SURFACING TOP COURSE
- DIP DUCTILE IRON PIPE
- DOE DEPARTMENT OF ECOLOGY
- E EAST, EASTING
- ELEV ELEVATION
- EMBED EMBEDMENT
- EOL EDGE OF LANE
- EOP EDGE OF PAVEMENT
- EOS EDGE OF SHOULDER
- EX EXISTING
- FOB FACE OF BARRIER
- FC FACE OF CURB
- FS FIRE STATION
- GE GRATE ELEVATION
- HH HANDHOLE
- HMA HOT MIX ASPHALT
- IE INVERT ELEVATION
- IES ILLUMINATION ENGINEERING SOCIETY
- ILLUM ILLUMINATION
- IP INTERCEPT POINT
- JUT JOINT UTILITY TRENCH
- KCM 1000 CIRCULAR MILS
- LT LENGTH
- LF LINEAR FEET
- MAX MAXIMUM
- ME MATCH EXISTING
- MFG MANUFACTURER
- MH MAN HOLE
- MIN MINIMUM
- MUTCD MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
- N NORTH, NORTHING
- NAD NORTH AMERICAN DATUM
- NE NORTHEAST
- NO NUMBER
- NOM NOMINAL
- OC ON CENTER
- OHW ORDINARY HIGH WATER
- OHP OVERHEAD POWER
- PC POINT OF CURVATURE
- PK PK NAIL
- PL PLACE

**ABBREVIATIONS (CONT)**

- OC ON CENTER
- OHW ORDINARY HIGH WATER
- OHP OVERHEAD POWER
- PC POINT OF CURVATURE
- PK PK NAIL
- PL PLACE
- PSE PUGET SOUND ENERGY
- PT POINT OF TANGENCY
- PVC POINT OF VERTICAL CURVATURE
- PVI POINT OF VERTICAL INTERSECTION
- PVT POINT OF VERTICAL TANGENCY
- P, PO POWER
- R RADIUS, RANGE
- RCP REINFORCED CONCRETE PIPE
- REINF REINFORCED
- ROW RIGHT OF WAY
- RPM RAISED PAVEMENT MARKING
- RT RIGHT
- R/W RIGHT OF WAY
- S SOUTH
- SD STORM DRAIN
- SEC SECTION
- SMFO SINGLE MODE FIBER OPTIC
- SPEC SPECIFICATION
- SS SANITARY SEWER
- SSMH SANITARY SEWER MANHOLE
- ST STREET
- STA STATION
- SWPPP STORMWATER POLLUTION PREVENTION PLAN
- T TOWNSHIP, TANGENT
- TEL TELEPHONE / COMMUNICATIONS
- TMH TELEPHONE MANHOLE
- TESC TEMPORARY EROSION AND SEDIMENTATION CONTROL
- TOC TOP OF CURB
- TOW TOP OF WALL
- TYP TYPICAL
- UPO UNIFORMED POLICE OFFICER
- UTIL UTILITY
- V VALVE
- VC VERTICAL CURVE
- W WEST
- WM WILLAMETTE MERIDIAN, WATER METER
- WSDOT WASHINGTON STATE DEPARTMENT OF TRANSPORTATION



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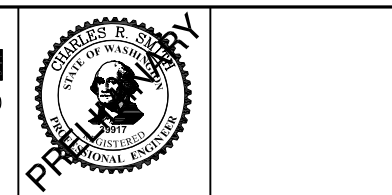
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PLAN	CHECK	BY	DATE

**Reid Middleton**

728 134th Street SW Suite 200  
Everett, Washington 98204  
Ph: 425 741-3800



DATE	NO.	REVISION	BY
DESIGNED BY:	DRAWN BY:		
CRS	WRM		

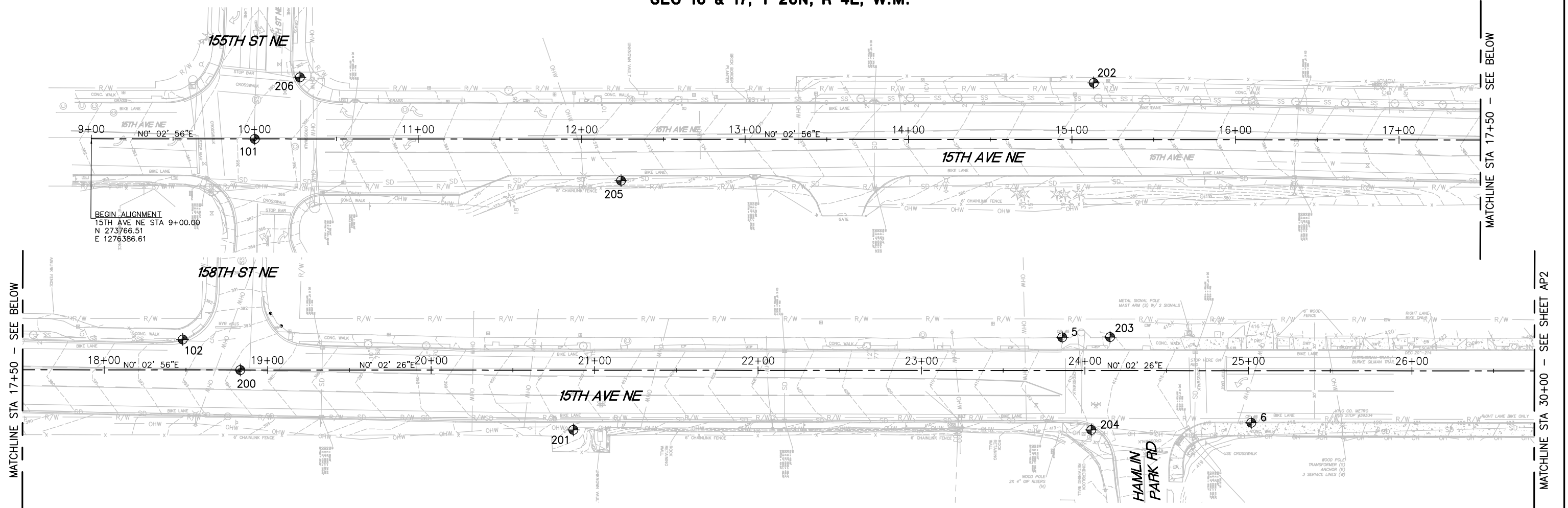
**CITY OF SHORELINE**  
DEPARTMENT OF  
PUBLIC WORKS  
CITY PROJ NUMBER: 10119

CITY OF SHORELINE  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
LEGEND AND ABBREVIATIONS

DRAWING NO.	LN1
SHEET	2
OF	#
SHEETS	



SEC 16 & 17, T 26N, R 4E, W.M.



PRIMARY SURVEY CONTROL TABLE					
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION & OFFSET
5	275,252.607	1,276,367.475	413.48	GPS 136	15TH AVE NE STA
6	275,368.227	1,276,419.664	417.42	MN	15TH AVE NE STA
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14	277,552.557	1,276,399.233	437.00	SET MAG	15TH AVE NE STA
15	277,810.560	1,276,349.882	431.77	MN	15TH AVE NE STA
16	2781,39.159	1,276,393.287	441.01	SET MAG	15TH AVE NE STA
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19	2787,92.170	1,276,325.317	460.79	SET MAG	15TH AVE NE STA
20	2789,97.644	1,276,400.413	467.73	SET MAG	15TH AVE NE STA
21	2792,23.411	1,276,326.507	472.45	FD GPS 140	15TH AVE NE STA
101	273,866.489	1,276,386.700	364.78	MON IN CASE	15TH AVE NE STA 10+00.00, 0.00'
102	274,714.487	1,276,368.840	392.89	SET PK NAIL	15TH AVE NE STA 18+47.98, 18.58' LT
103	274,739.905	1,276,108.410	376.20	HUB & TACK	15TH AVE NE STA 18+73.18, 278.73' LT
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202	2,743,79.802	1,276,352.517	381.78	SCRIBED "X"	15TH AVE NE STA 15+13.28, 34.62' LT
203	275,281.880	1,276,367.409	414.03	SET PK NAIL	15TH AVE NE STA 24+15.38, 20.43' LT
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206	273,894.077	1,276,349.084	365.28	SCRIBED "X"	15TH AVE NE STA 10+27.56, 37.64' LT

**SURVEYOR'S NOTES**

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**HORIZONTAL DATUM**

THE HORIZONTAL DATUM FOR THIS SURVEY IS NAD83/2011, BASED ON COORDINATES PUBLISHED BY WSDOT FOR GP17005-111.

NORTHING: 271349.300 FEET  
EASTING: 1273514.677 FEET

**VERTICAL DATUM**

THE VERTICAL DATUM FOR THIS SURVEY IS NAVD88, BASED ON COORDINATES PUBLISHED BY WSDOT FOR GP17005-111.

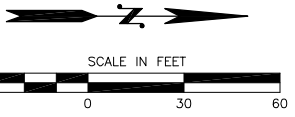
ELEVATION: 327.998 FEET

**GENERAL NOTES**

1. RIGHT-OF-WAY LINES ARE FROM GIS INFORMATION AND ARE APPROXIMATE.

**LEGEND**

- CONSTRUCTION CENTERLINE
- R/W EXISTING RIGHT-OF-WAY LINE
- SURVEY CONTROL POINT



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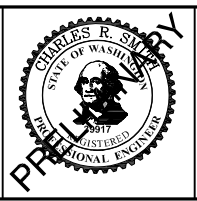


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PLAN CHECK	BY	DATE			
DESIGNED BY:	CRS	DATE	NO.	REVISION	BY
DRAWN BY:	WRM				

**Reid Middleton**  
728 134th Street SW Suite 200  
Everett, Washington 98204  
Ph: 425 741-3800

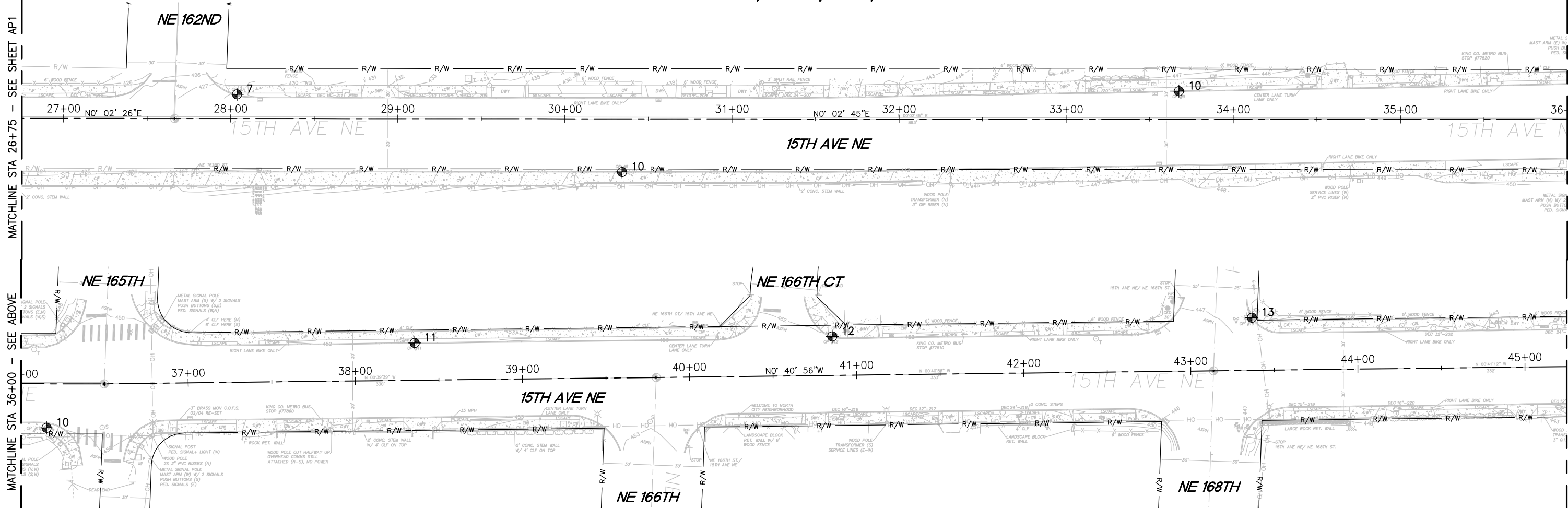


**CITY OF SHORELINE**  
**DEPARTMENT OF**  
**PUBLIC WORKS**  
CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
**15TH AVE NE SIDEWALK REHABILITATION**  
**NE 155TH ST TO NE 175TH ST**  
**ALIGNMENT AND SURVEY CONTROL PLAN**

DRAWING NO.  
**AP1**  
SHEET  
**4**  
OF  
**#**  
SHEETS

SEC 16 & 17, T 26N, R 4E, W.M.



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EASTING: 1273514.677 FEET

**VERTICAL DATUM**

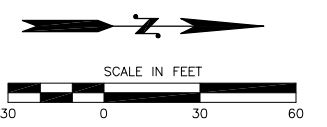
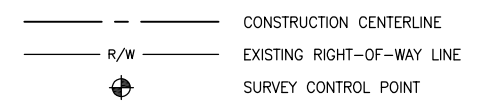
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ELEVATION: 327.998 FEET

**GENERAL NOTES**

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**LEGEND**



**60% DESIGN**

PLAN CHECK	BY	DATE			

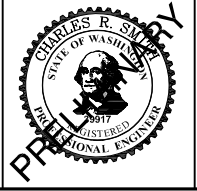
  

DATE	NO.	REVISION	BY

DESIGNED BY: CRS	DRAWN BY: WRM
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**Reid Middleton**  
728 134th Street SW Suite 200  
Everett, Washington 98204  
Ph: 425 741-3800



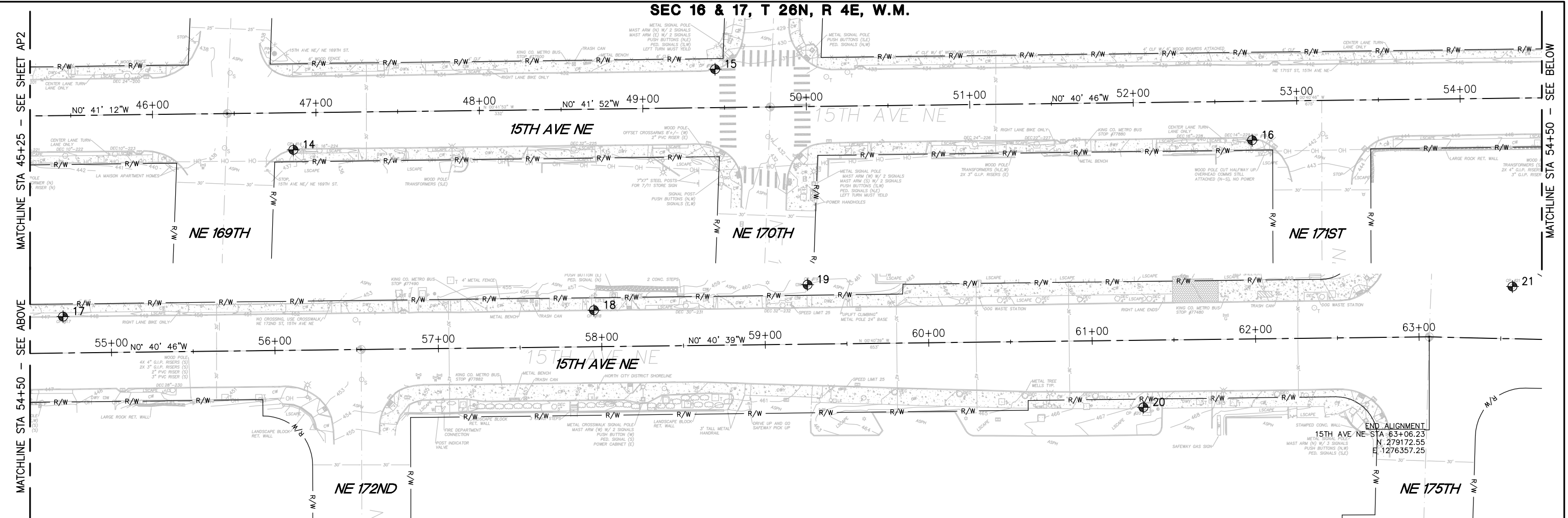
**CITY OF SHORELINE**  
**DEPARTMENT OF PUBLIC WORKS**  
CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
**15TH AVE NE SIDEWALK REHABILITATION**  
**NE 155TH ST TO NE 175TH ST**  
**ALIGNMENT AND SURVEY CONTROL PLAN**

DRAWING NO. AP2  
SHEET 5 OF # SHEETS

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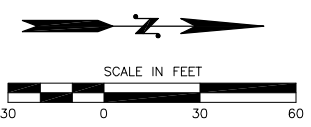
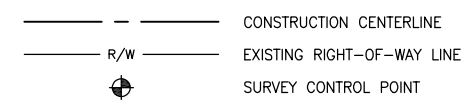
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ELEVATION: 327.998 FEET

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**LEGEND**



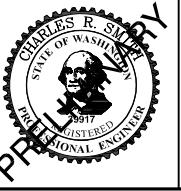
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**60% DESIGN**

PLAN CHECK	BY	DATE	REVISION	BY	DATE

DESIGNED BY: CRS  
DRAWN BY: WRM

**Reid Middleton**  
728 134th Street SW Suite 200  
Everett, Washington 98204  
Ph: 425 741-3800

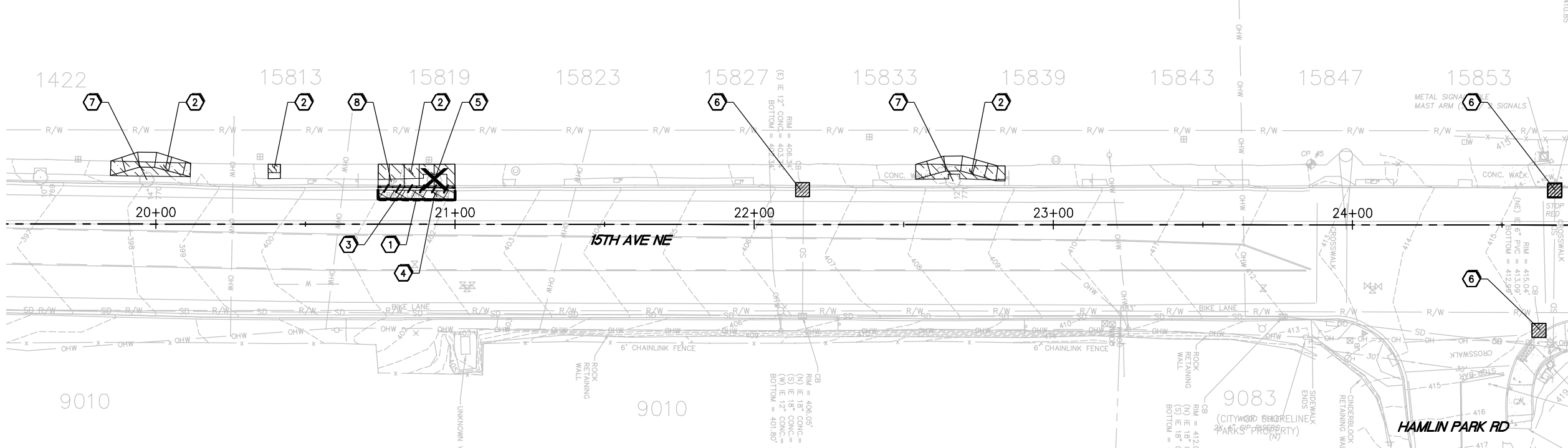
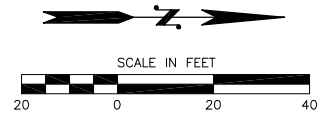


**CITY OF SHORELINE**  
DEPARTMENT OF  
PUBLIC WORKS  
CITY PROJ NUMBER: 10119

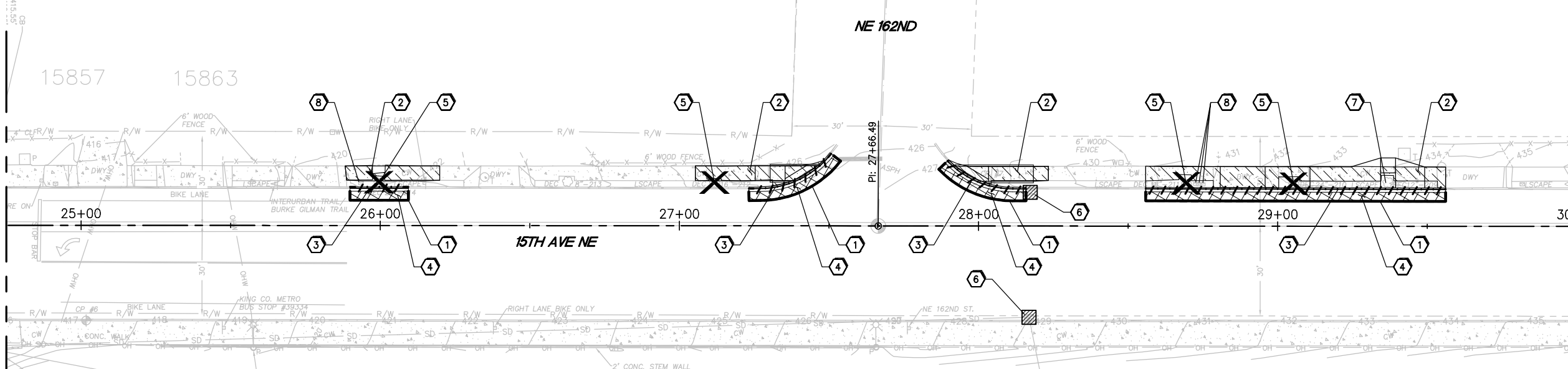
**CITY OF SHORELINE**  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
ALIGNMENT AND SURVEY CONTROL PLAN

DRAWING NO. AP3  
SHEET 6 OF # SHEETS

SEC 16 & 17, T 26N, R 4E, W.M.



- CONSTRUCTION NOTES**
- ① SAWCUT EXISTING PAVEMENT
  - ② REMOVE EXISTING CEMENT CONCRETE PAVEMENT
  - ③ REMOVE EXISTING CURB AND GUTTER
  - ④ REMOVE EXISTING ASPHALT PAVEMENT
  - ⑤ REMOVE EXISTING TREE
  - ⑥ PROVIDE INLET PROTECTION PER WSDOT STD PLAN I-40.20-00
  - ⑦ PROTECT EXISTING TREE
  - ⑧ PROVIDE TEMPORARY MAILBOX SUPPORT



**GENERAL NOTES**

1. CONTRACTOR SHALL PROTECT ALL TREES WITHIN THE WORKING LIMITS OF THE PROJECT UNLESS DESIGNATED FOR REMOVAL.
2. LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS AND AVOID DAMAGE OR DISTURBANCE TO EXISTING UTILITIES. IF CONFLICTS WITH EXISTING UTILITIES ARISE DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. ANY CHANGES REQUIRED SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO COMMENCEMENT OF RELATED CONSTRUCTION ON THE PROJECT.
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4. NOTIFY THE CITY OF SHORELINE ENGINEER AT LEAST 24 HOURS PRIOR TO COMMENCING WITH CONSTRUCTION WITHIN CITY RIGHT-OF-WAY.
5. SEE ROADWAY PLAN/PROFILE PLANS TO ADJUST UTILITY STRUCTURES FOR UTILITY RELOCATIONS.
6. MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

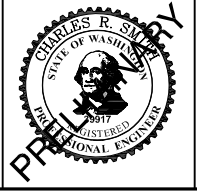
- LEGEND**
- INLET PROTECTION
  - TREE REMOVAL
  - REMOVE STORM DRAIN PIPE
  - REMOVE CURB/CURB & GUTTER
  - SAWCUT LINE
  - REMOVE CEMENT CONCRETE SIDEWALK
  - FULL DEPTH PAVEMENT REMOVAL



**60% DESIGN**

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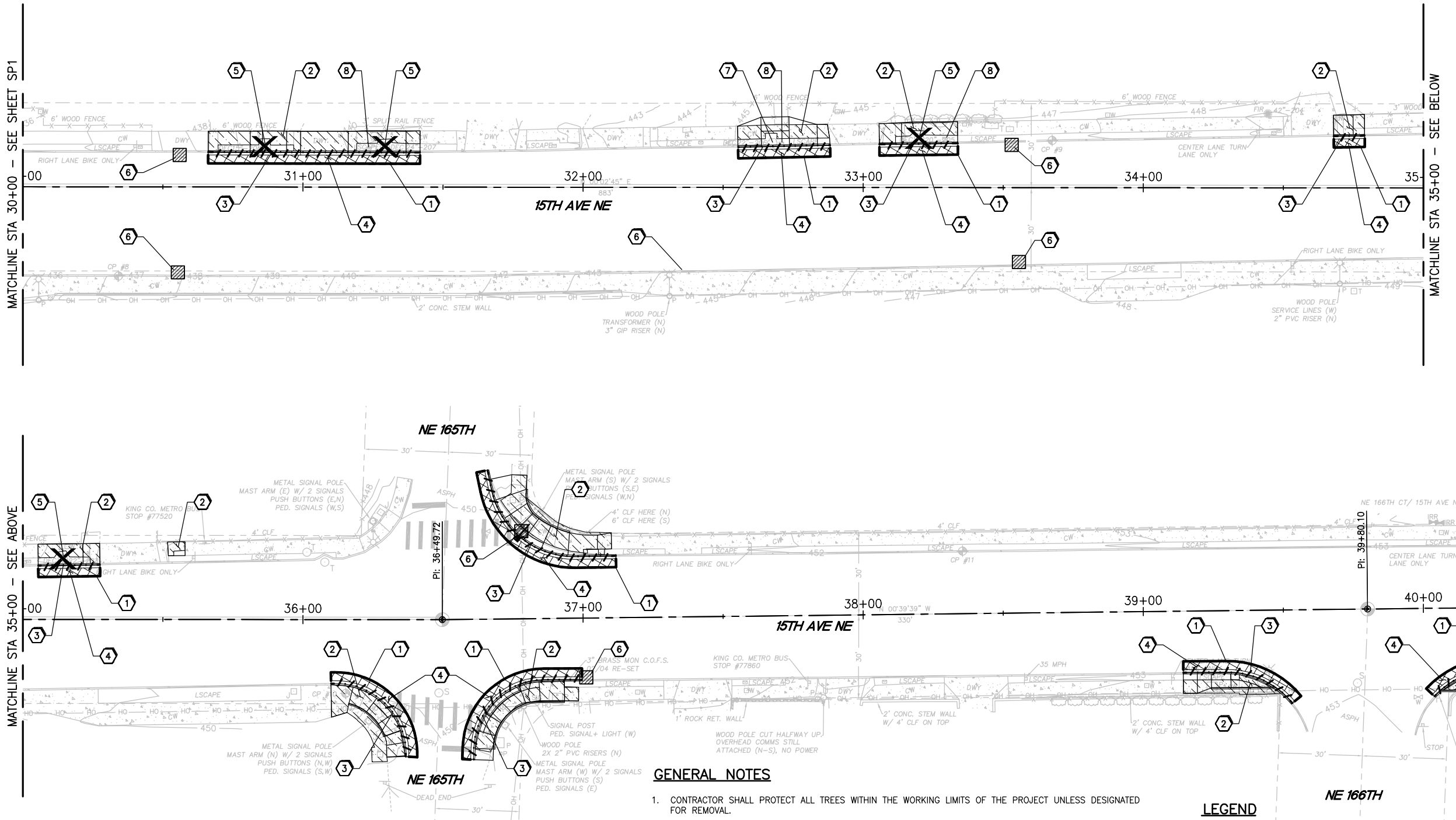
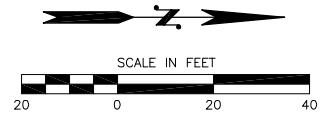
**CITY OF SHORELINE**  
**DEPARTMENT OF PUBLIC WORKS**  
CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
**15TH AVE NE SIDEWALK REHABILITATION**  
**NE 155TH ST TO NE 175TH ST**  
**SITE PREPARATION & TESC PLAN**

DRAWING NO.  
SP1  
SHEET 7 OF # SHEETS

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SEC 16 & 17, T 26N, R 4E, W.M.



CONSTRUCTION NOTES

- ① SAWCUT EXISTING PAVEMENT
- ② REMOVE EXISTING CEMENT CONCRETE PAVEMENT
- ③ REMOVE EXISTING CURB AND GUTTER
- ④ REMOVE EXISTING ASPHALT PAVEMENT
- ⑤ REMOVE EXISTING TREE
- ⑥ PROVIDE INLET PROTECTION PER WSDOT STD PLAN I-40.20-00
- ⑦ PROTECT EXISTING TREE
- ⑧ PROVIDE TEMPORARY MAILBOX SUPPORT

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6. MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

LEGEND

- INLET PROTECTION
- TREE REMOVAL
- REMOVE STORM DRAIN PIPE
- REMOVE CURB/CURB & GUTTER
- SAWCUT LINE
- REMOVE CEMENT CONCRETE SIDEWALK
- FULL DEPTH PAVEMENT REMOVAL

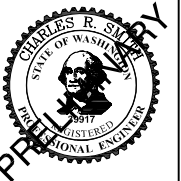


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DESIGNED BY:	CRS	DATE	NO.	REVISION	BY
DRAWN BY:	WRM				

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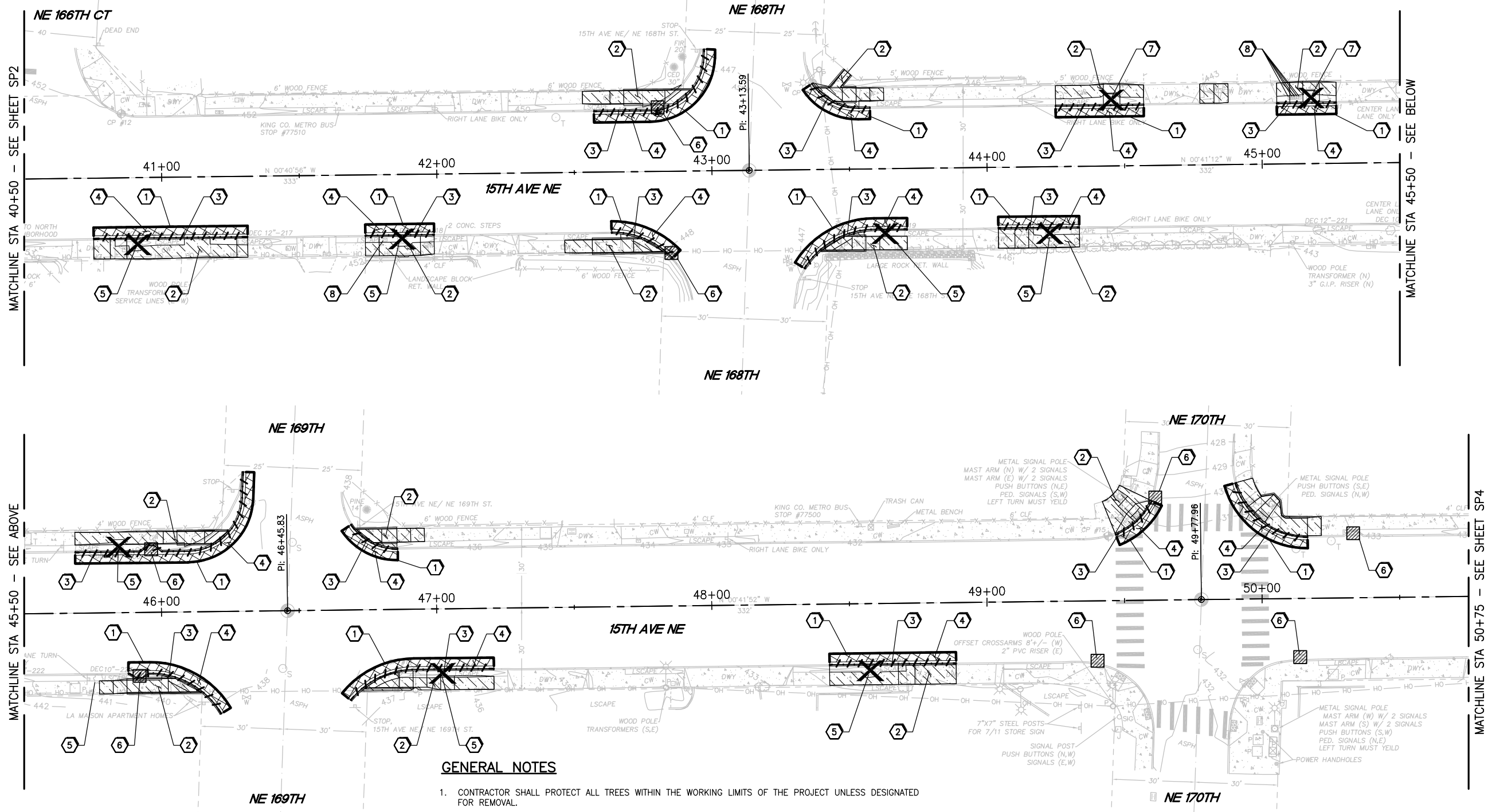
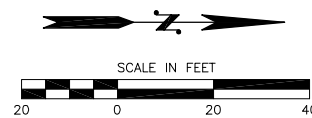
**CITY OF SHORELINE**  
DEPARTMENT OF  
PUBLIC WORKS  
CITY PROJ NUMBER: 10119

CITY OF SHORELINE  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
SITE PREPARATION & TESC PLAN

DRAWING NO.  
SP2  
SHEET 8 OF 8 SHEETS



SEC 16 & 17, T 26N, R 4E, W.M.



CONSTRUCTION NOTES

- ① SAWCUT EXISTING PAVEMENT
- ② REMOVE EXISTING CEMENT CONCRETE PAVEMENT
- ③ REMOVE EXISTING CURB AND GUTTER
- ④ REMOVE EXISTING ASPHALT PAVEMENT
- ⑤ REMOVE EXISTING TREE
- ⑥ PROVIDE INLET PROTECTION PER WSDOT STD PLAN 1-40.20-00
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LEGEND

- INLET PROTECTION
- TREE REMOVAL
- REMOVE STORM DRAIN PIPE
- REMOVE CURB/CURB & GUTTER
- SAWCUT LINE
- REMOVE CEMENT CONCRETE SIDEWALK
- FULL DEPTH PAVEMENT REMOVAL

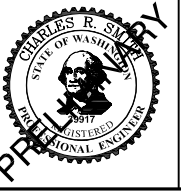


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 728 134th Street SW Suite 200  
 Everett, Washington 98204  
 Ph: 425 741-3800



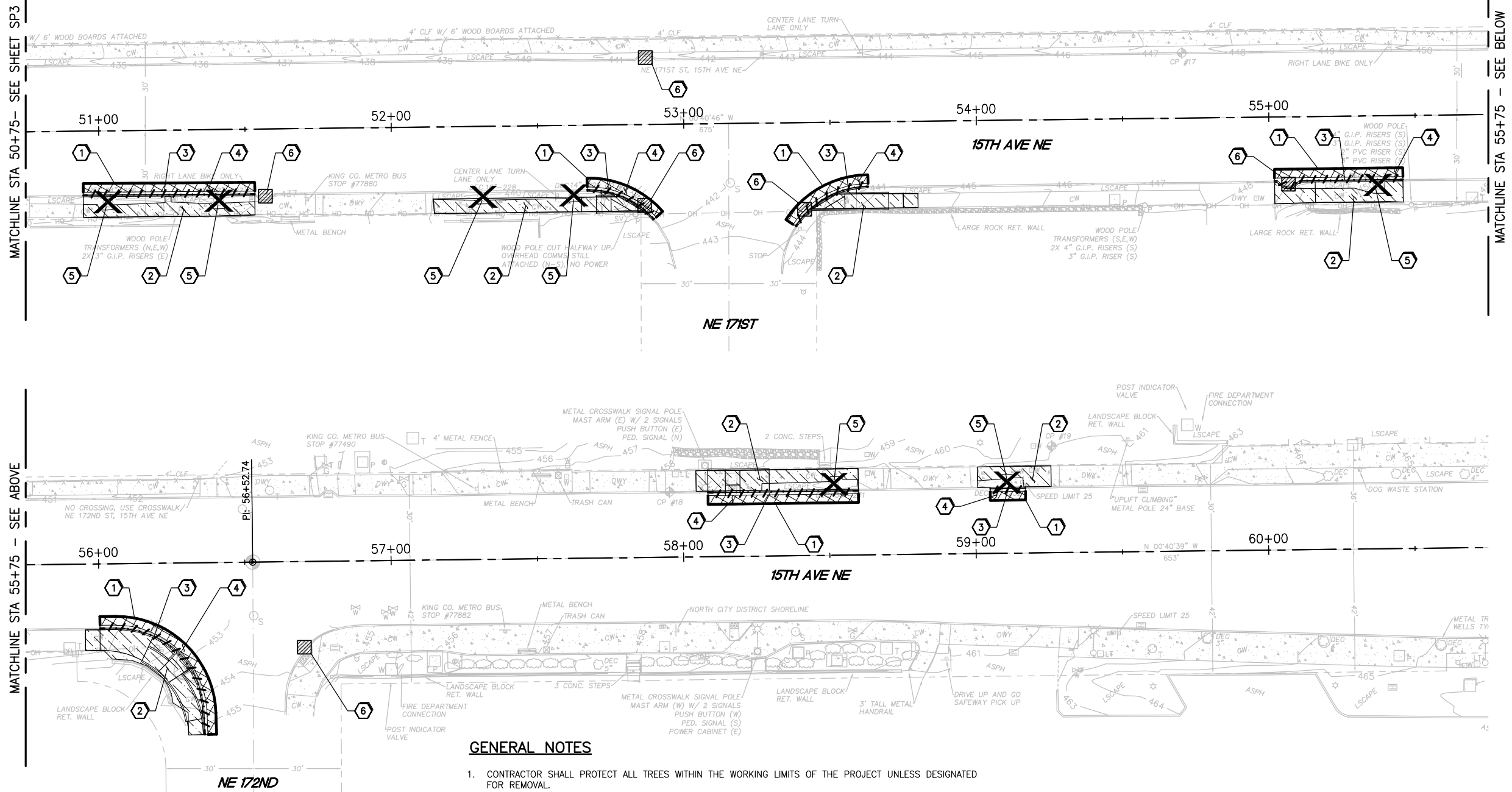
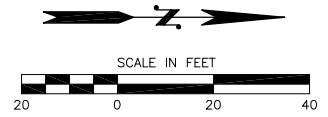
**CITY OF SHORELINE**  
 DEPARTMENT OF  
 PUBLIC WORKS  
 CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
 15TH AVE NE SIDEWALK REHABILITATION  
 NE 155TH ST TO NE 175TH ST  
 SITE PREPARATION & TESC PLAN

DRAWING NO.  
**SP3**

SHEET  
**9**  
OF  
**#**  
SHEETS

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### CONSTRUCTION NOTES

- ① SAWCUT EXISTING PAVEMENT
- ② REMOVE EXISTING CEMENT CONCRETE PAVEMENT
- ③ REMOVE EXISTING CURB AND GUTTER
- ④ REMOVE EXISTING ASPHALT PAVEMENT
- ⑤ REMOVE EXISTING TREE
- ⑥ PROVIDE INLET PROTECTION PER WSDOT STD PLAN 1-40.20-00
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### LEGEND

- INLET PROTECTION
- TREE REMOVAL
- REMOVE STORM DRAIN PIPE
- REMOVE CURB/CURB & GUTTER
- SAWCUT LINE
- REMOVE CEMENT CONCRETE SIDEWALK
- FULL DEPTH PAVEMENT REMOVAL

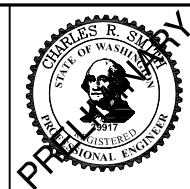


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DESIGNED BY:	CRS	DRAWN BY:	WRM		

**Reid Middleton**  
 728 134th Street SW Suite 200  
 Everett, Washington 98204  
 Ph: 425 741-3800

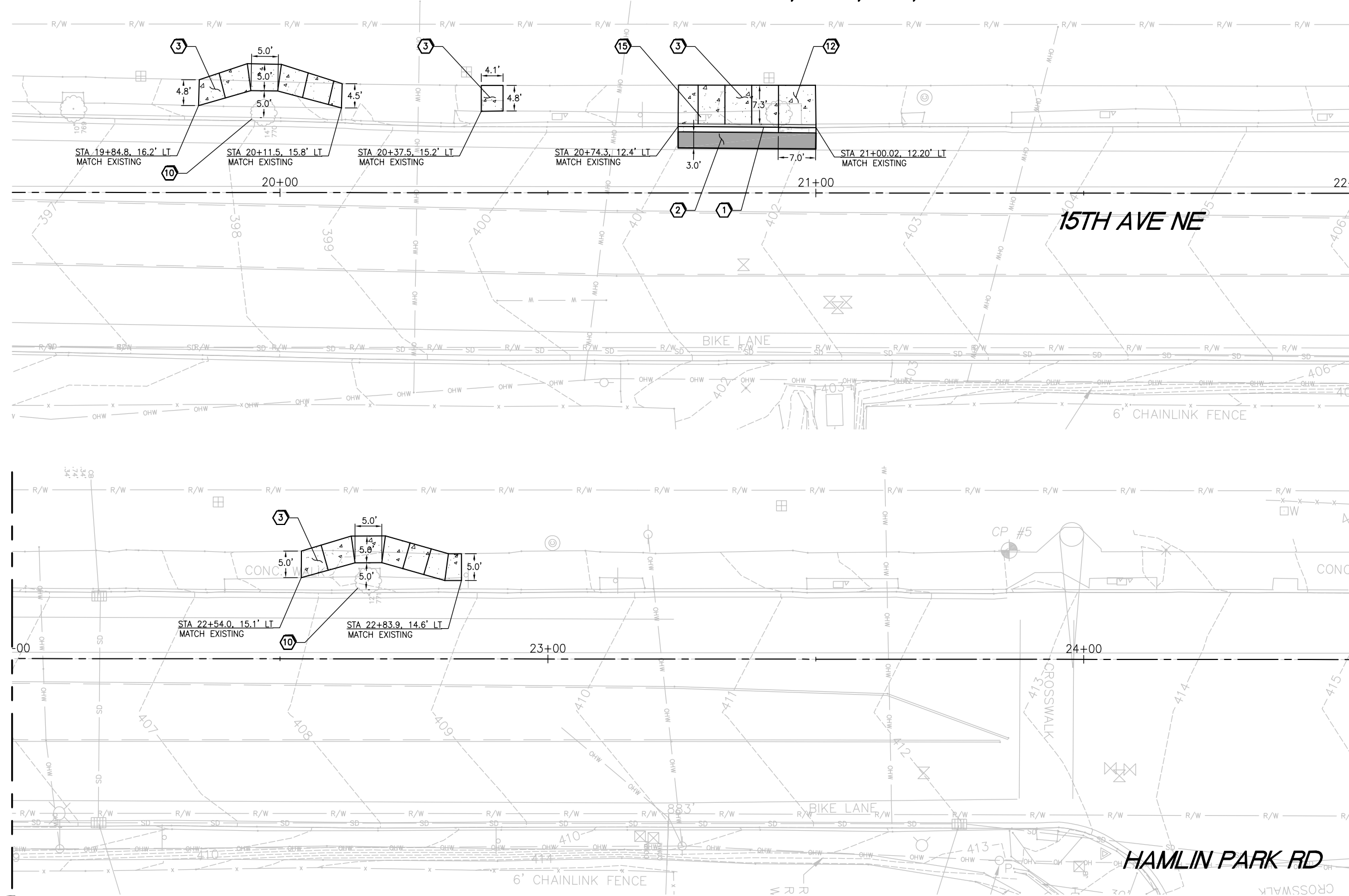
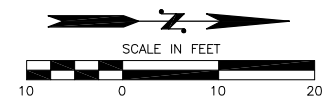


**CITY OF SHORELINE**  
 DEPARTMENT OF  
 PUBLIC WORKS  
 CITY PROJ NUMBER: 10119

CITY OF SHORELINE  
 15TH AVE NE SIDEWALK REHABILITATION  
 NE 155TH ST TO NE 175TH ST  
 SITE PREPARATION & TESC PLAN

DRAWING NO.  
**SP4**  
 SHEET  
**10**  
 OF  
**#**  
 SHEETS

SEC 16 & 17, T 26N, R 4E, W.M.



**CONSTRUCTION NOTES**

- 1 INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
- 2 CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
- 3 CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
- 4 INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- 5 CONSTRUCT PERPENDICULAR CURB RAMP PER COS STD PLAN 318. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 6 CONSTRUCT PARALLEL CURB RAMP PER COS STD PLAN 319. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 7 CONSTRUCT SINGLE DIRECTION CURB RAMP PER COS STD PLAN 317. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 8 ADJUST EXISTING STRUCTURE TO GRADE.
- 9 ADJUST TO GRADE & REPLACE EXISTING GRATE WITH SOLID LOCKING LID.
- 10 PROTECT EXISTING TREE.
- 11 INSTALL TYPE 1 CATCH BASIN WITH VANED GRATE PER COS STD PLAN 705 & 726. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- 12 INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- 13 INSTALL TYPE 2 -48" CATCH BASIN WITH VANED GRATE PER COS STD 708, 726, & 730. ALIGN FRAME WITH NEW CURB AS SHOWN. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- 14 INSTALL NEW 12" STORM DRAIN PIPE.
- 15 REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
- 16 PROTECT EXISTING SIGN.

**GENERAL NOTES**

- 1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
- 2. GRIND VERTICAL DISCONTINUITIES TO MATCH ADJACENT PANELS.
- 3. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT.
- 4. RESEAL EXISTING CONSTRUCTION JOINT.
- 5. SEE SHEET LN1 FOR COMPLETE LEGEND.
- 6. SEE SHEET MD1 FOR ADDITIONAL INFORMATION FOR CURB RAMP CONSTRUCTION.
- 7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

**LEGEND**

- (X) RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
- [Pattern] CEMENT CONCRETE SIDEWALK
- [Pattern] FULL DEPTH PAVEMENT REPAIR
- [Pattern] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION

MATCHLINE STA 22+00 - SEE ABOVE

MATCHLINE STA 22+00 - SEE BELOW

MATCHLINE STA 24+50 - SEE SHEET SW2

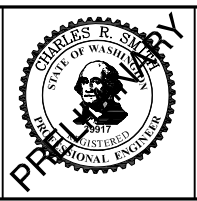


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PLAN CHECK	BY	DATE			
DATE	NO.	REVISION	BY		
DESIGNED BY: CRS		DRAWN BY: WRM			

**Reid Middleton**  
 728 134th Street SW Suite 200  
 Everett, Washington 98204  
 Ph: 425 741-3800

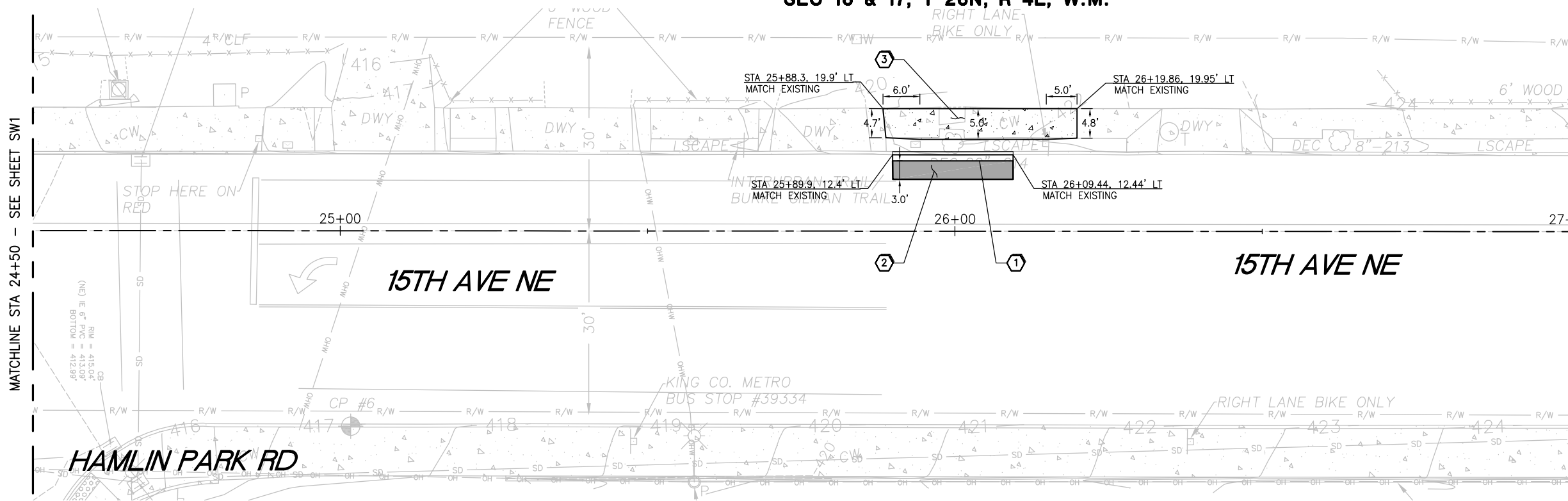
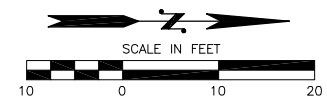


**CITY OF SHORELINE**  
 DEPARTMENT OF  
 PUBLIC WORKS  
 CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
 15TH AVE NE SIDEWALK REHABILITATION  
 NE 155TH ST TO NE 175TH ST  
 SIDEWALK PLAN

DRAWING NO.  
**SW1**  
 SHEET  
**11**  
 OF  
**#**  
 SHEETS

SEC 16 & 17, T 26N, R 4E, W.M.



**CONSTRUCTION NOTES**

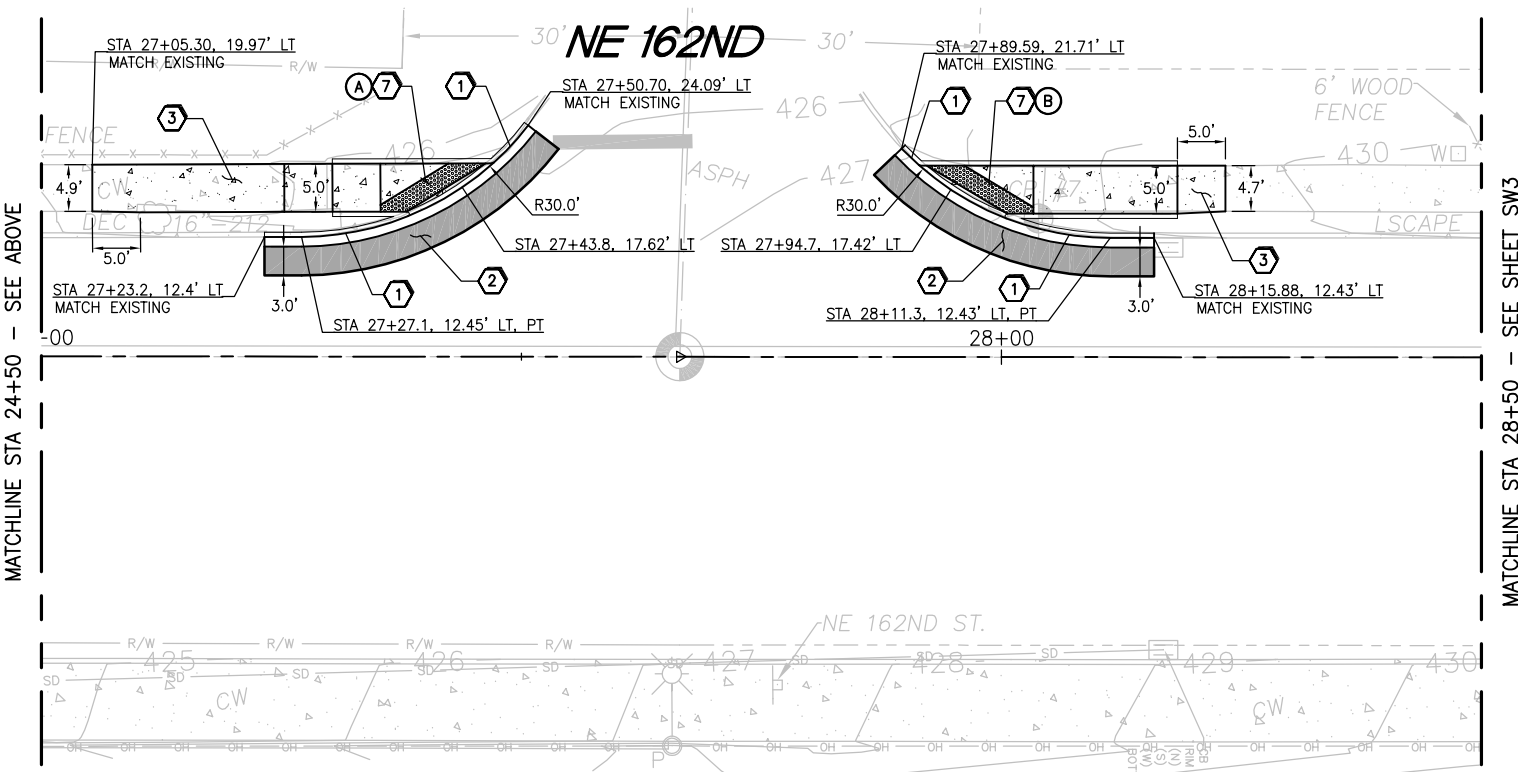
- 1 INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
- 2 CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
- 3 CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
- 4 INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- 5 CONSTRUCT PERPENDICULAR CURB RAMP PER COS STD PLAN 318. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 6 CONSTRUCT PARALLEL CURB RAMP PER COS STD PLAN 319. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 7 CONSTRUCT SINGLE DIRECTION CURB RAMP PER COS STD PLAN 317. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 8 ADJUST EXISTING STRUCTURE TO GRADE.
- 9 ADJUST TO GRADE & REPLACE EXISTING GRATE WITH SOLID LOCKING LID.
- 10 PROTECT EXISTING TREE.
- 11 INSTALL TYPE 1 CATCH BASIN WITH VANED GRATE PER COS STD PLAN 705 & 726. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- 12 INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- 13 INSTALL TYPE 2 -48" CATCH BASIN WITH VANED GRATE PER COS STD 708, 726, & 730. ALIGN FRAME WITH NEW CURB AS SHOWN. CONNECT EXISTING PIPES TO NEW STRUCTURE.
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- 15 REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
- 16 PROTECT EXISTING SIGN.

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**LEGEND**

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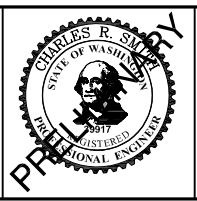


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DATE	NO.	REVISION	BY		
DESIGNED BY: CRS		DRAWN BY: WRM			

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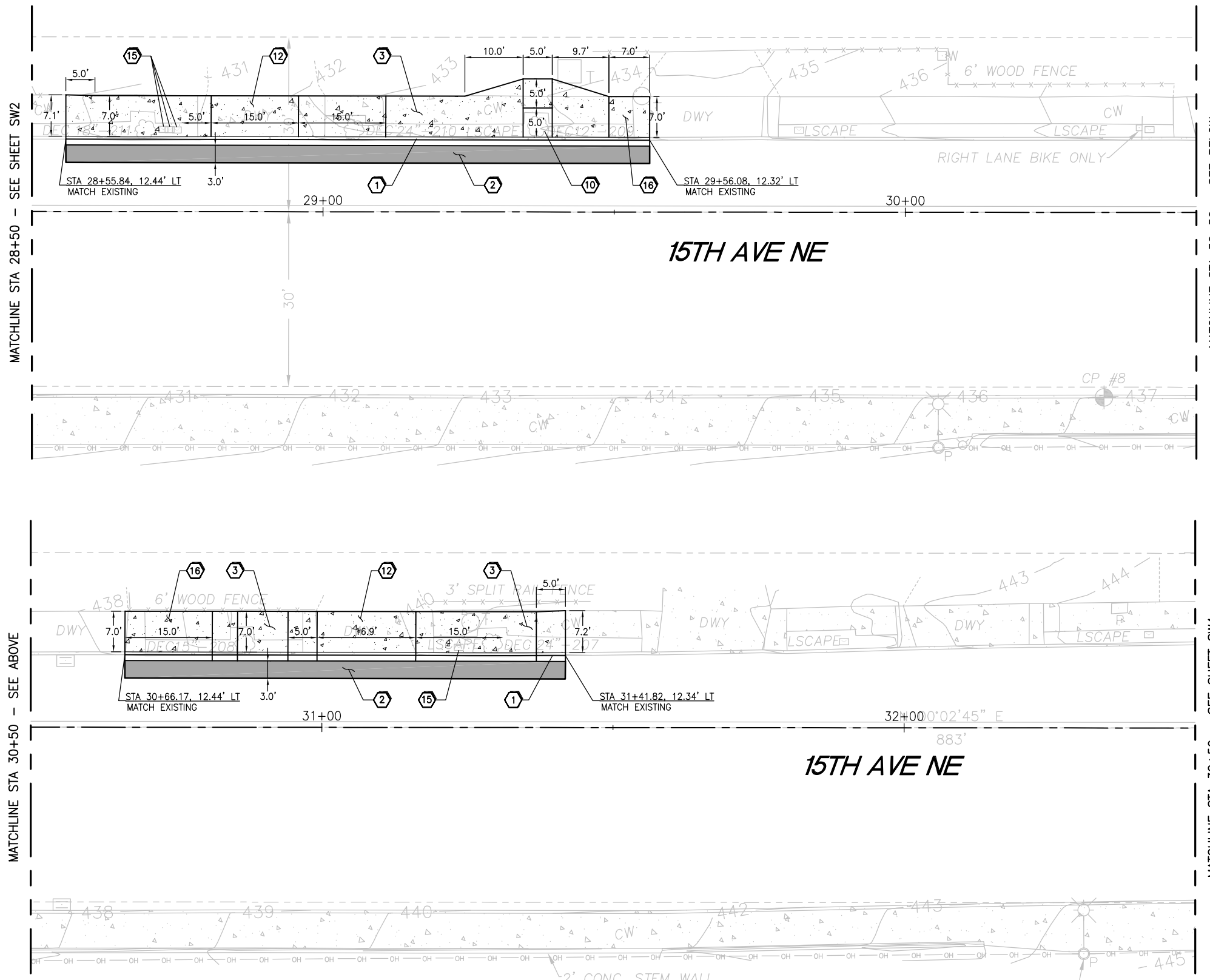
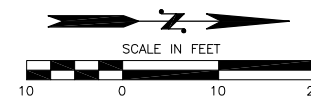


**CITY OF SHORELINE**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
 15TH AVE NE SIDEWALK REHABILITATION  
 NE 155TH ST TO NE 175TH ST  
 SIDEWALK PLAN

DRAWING NO. **SW2**  
 SHEET 12 OF # SHEETS

SEC 16 & 17, T 26N, R 4E, W.M.







**CONSTRUCTION NOTES**

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- 12 INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- 13 INSTALL TYPE 2 -48" CATCH BASIN WITH VANED GRATE PER COS STD 708, 726, & 730. ALIGN FRAME WITH NEW CURB AS SHOWN. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- 14 INSTALL NEW 12" STORM DRAIN PIPE.
- 15 REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
- 16 PROTECT EXISTING SIGN.

**GENERAL NOTES**

1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
2. GRIND VERTICAL DISCONTINUITIES TO MATCH ADJACENT PANELS.
3. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT.
4. RESEAL EXISTING CONSTRUCTION JOINT.
5. SEE SHEET LN1 FOR COMPLETE LEGEND.
6. SEE SHEET MD1 FOR ADDITIONAL INFORMATION FOR CURB RAMP CONSTRUCTION.
7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

**LEGEND**

-  RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
-  CEMENT CONCRETE SIDEWALK
-  FULL DEPTH PAVEMENT REPAIR
-  6" TOPSOIL SEEDING MULCHING AND FERTILIZATION

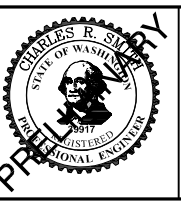


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DRAWN BY: WRM

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Ph: 425 741-3800



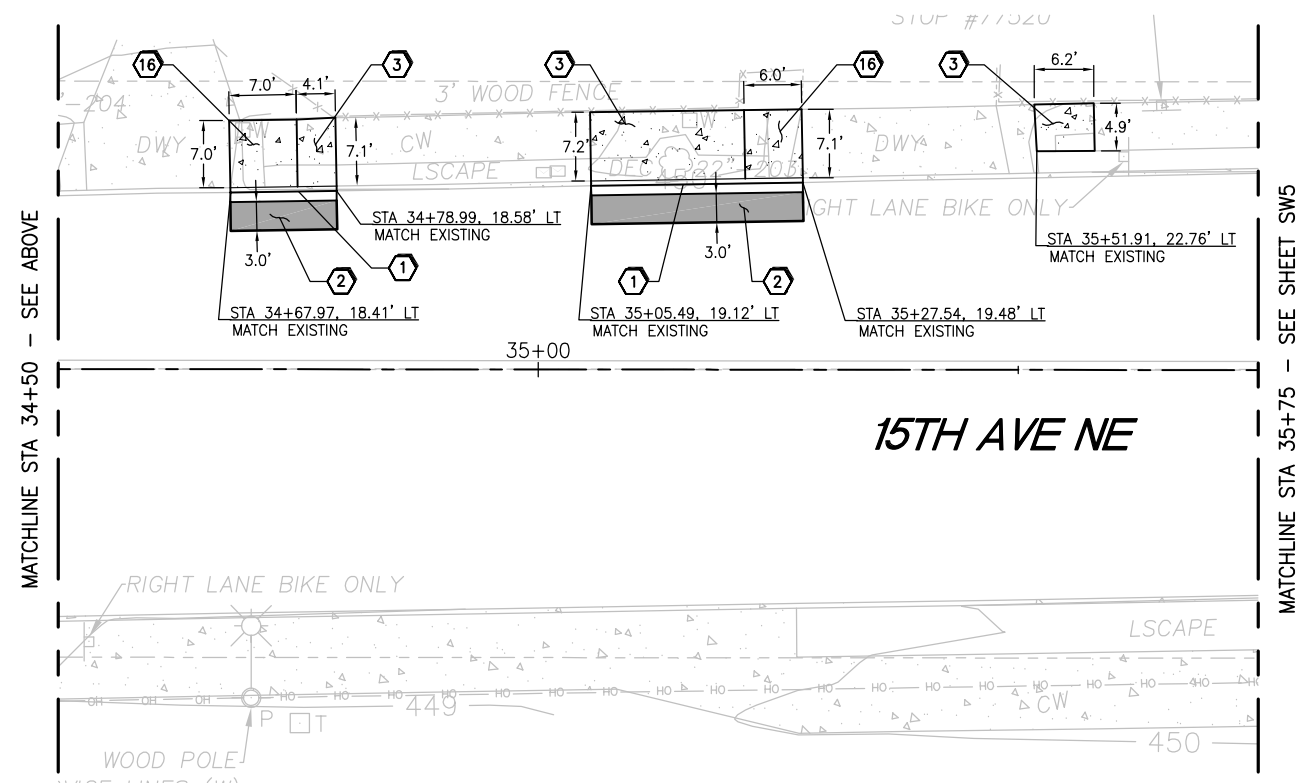
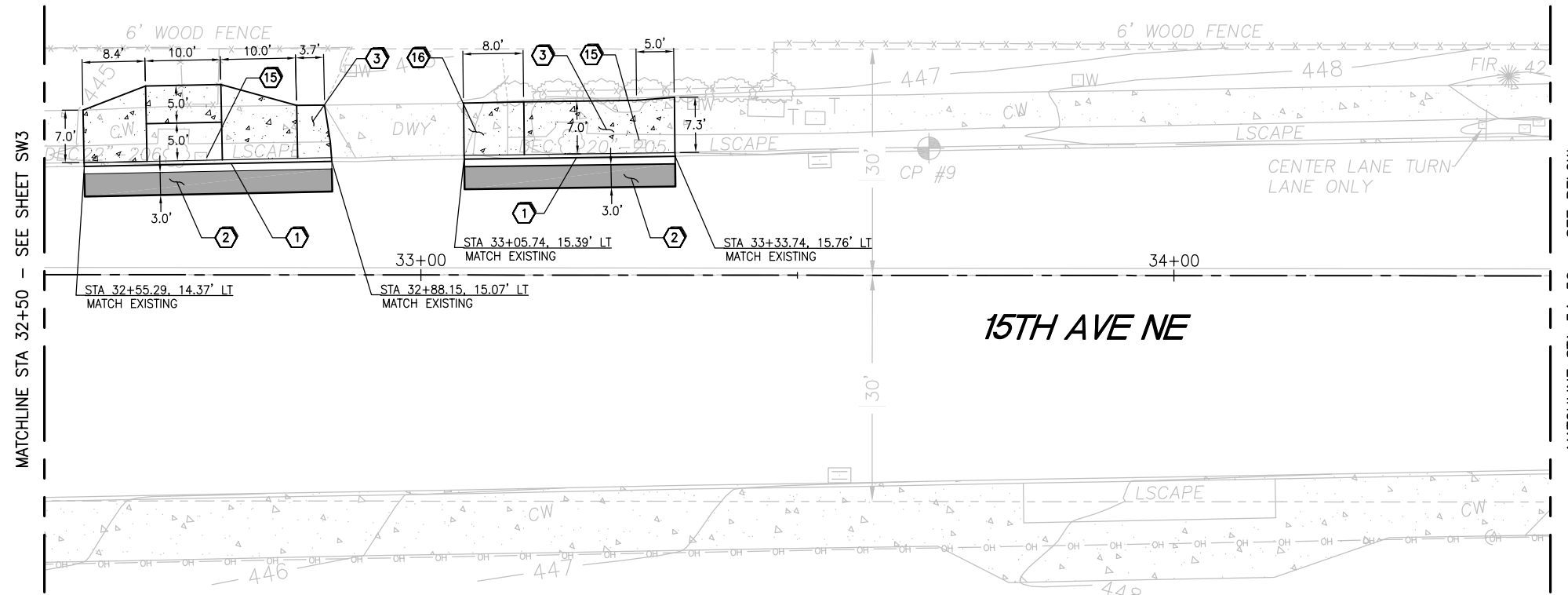
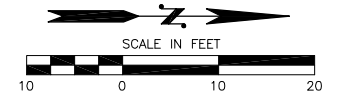
**CITY OF SHORELINE**  
**DEPARTMENT OF PUBLIC WORKS**  
CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
**15TH AVE NE SIDEWALK REHABILITATION**  
**NE 155TH ST TO NE 175TH ST**  
**SIDEWALK PLAN**

DRAWING NO. **SW3**  
SHEET **13** OF **#** SHEETS

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SEC 16 & 17, T 26N, R 4E, W.M.



CONSTRUCTION NOTES

- 1 INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
2 CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
3 CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
4 INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
5 CONSTRUCT PERPENDICULAR CURB RAMP PER COS STD PLAN 318. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
6 CONSTRUCT PARALLEL CURB RAMP PER COS STD PLAN 319. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
7 CONSTRUCT SINGLE DIRECTION CURB RAMP PER COS STD PLAN 317. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
8 ADJUST EXISTING STRUCTURE TO GRADE.
9 ADJUST TO GRADE & REPLACE EXISTING GRATE WITH SOLID LOCKING LID.
10 PROTECT EXISTING TREE.
11 INSTALL TYPE 1 CATCH BASIN WITH VANED GRATE PER COS STD PLAN 705 & 726. CONNECT EXISTING PIPES TO NEW STRUCTURE.
12 INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
13 INSTALL TYPE 2 -48" CATCH BASIN WITH VANED GRATE PER COS STD 708, 726, & 730. ALIGN FRAME WITH NEW CURB AS SHOWN. CONNECT EXISTING PIPES TO NEW STRUCTURE.
14 INSTALL NEW 12" STORM DRAIN PIPE.
15 REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
16 PROTECT EXISTING SIGN.

GENERAL NOTES

- 1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
2. GRIND VERTICAL DISCONTINUITIES TO MATCH ADJACENT PANELS.
3. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT.
4. RESEAL EXISTING CONSTRUCTION JOINT.
5. SEE SHEET LN1 FOR COMPLETE LEGEND.
6. SEE SHEET MD1 FOR ADDITIONAL INFORMATION FOR CURB RAMP CONSTRUCTION.
7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

LEGEND

- (X) RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
[Pattern] CEMENT CONCRETE SIDEWALK
[Pattern] FULL DEPTH PAVEMENT REPAIR
[Pattern] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION

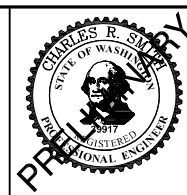


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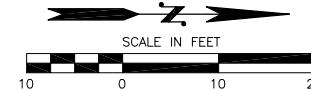
Reid Middleton logo and address: 728 134th Street SW, Suite 200, Everett, Washington 98204, Ph: 425 741-3800



CITY OF SHORELINE DEPARTMENT OF PUBLIC WORKS CITY PROJ NUMBER: 10119

CITY OF SHORELINE 15TH AVE NE SIDEWALK REHABILITATION NE 155TH ST TO NE 175TH ST SIDEWALK PLAN

DRAWING NO. SW4 SHEET 9 OF # SHEETS



**CONSTRUCTION NOTES**

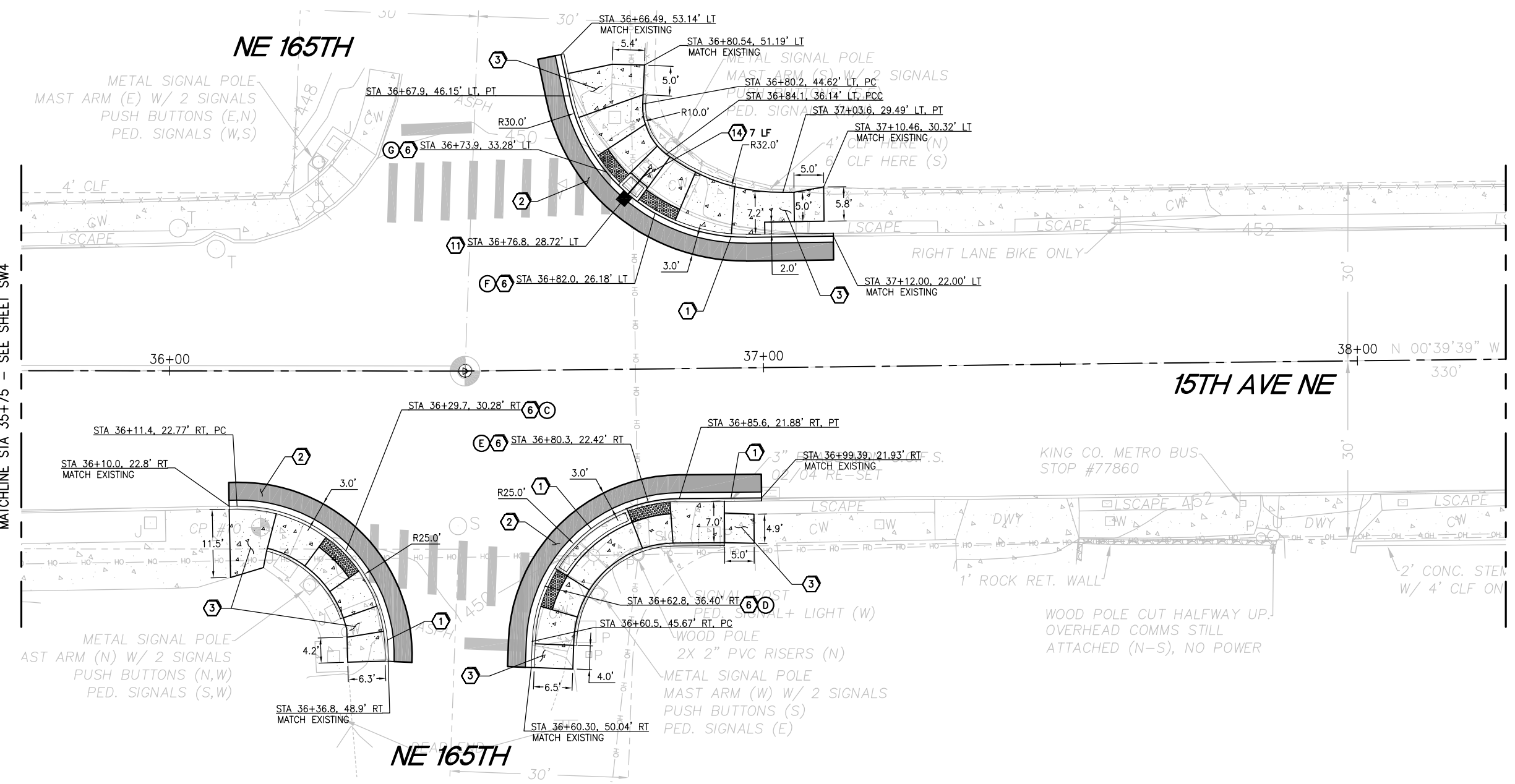
- ① INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
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- ⑭ INSTALL NEW 12" STORM DRAIN PIPE.
- ⑮ REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
- ⑯ PROTECT EXISTING SIGN.

**GENERAL NOTES**

- 1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
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- 8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

**LEGEND**

- ⊗ RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
- ▨ CEMENT CONCRETE SIDEWALK
- FULL DEPTH PAVEMENT REPAIR
- ▨ 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION



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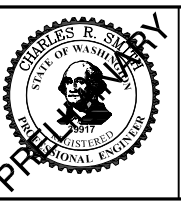
PLAN	CHECK	BY	DATE

DATE	NO.	REVISION	BY

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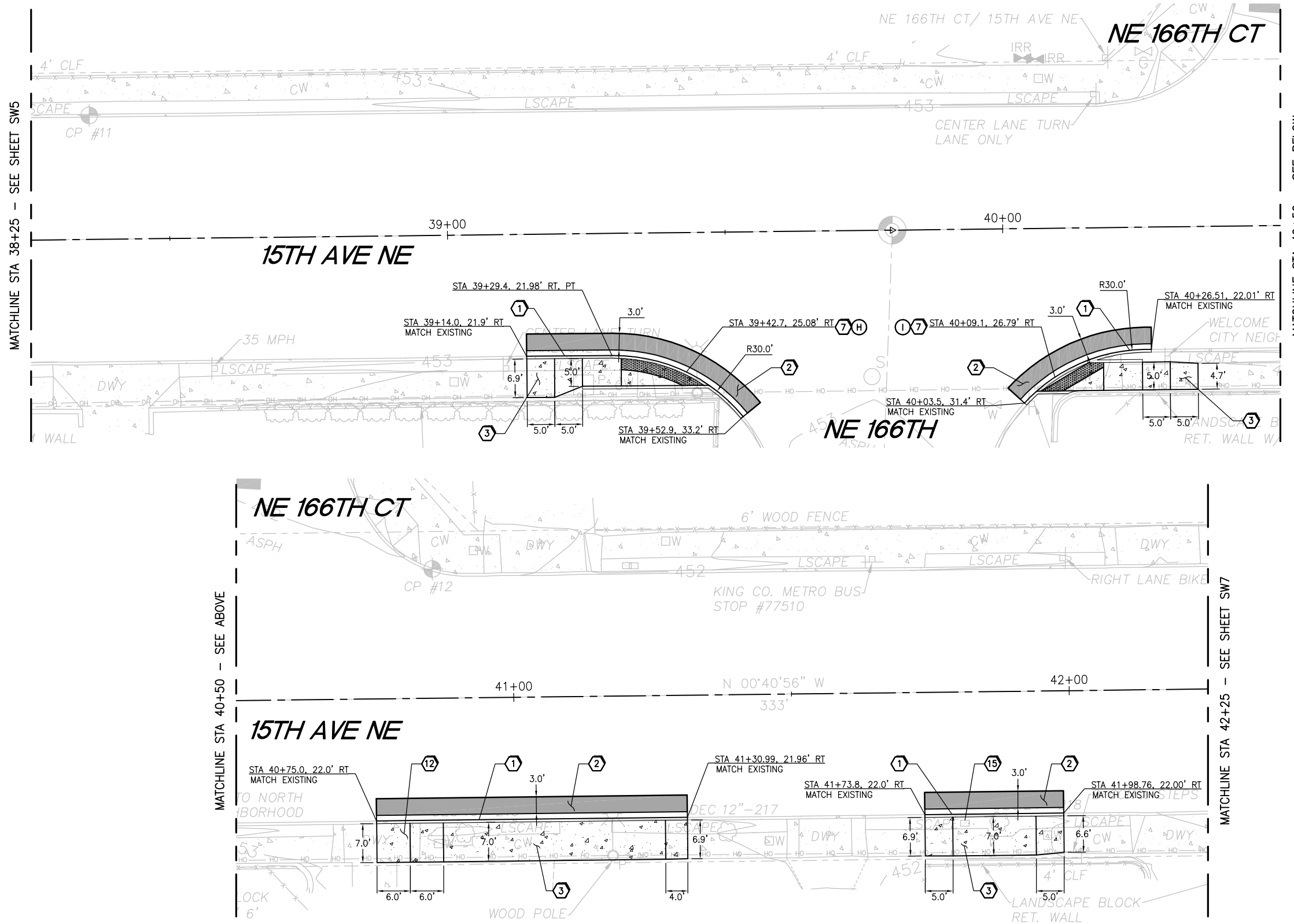
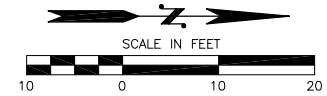
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**CITY OF SHORELINE**  
 15TH AVE NE SIDEWALK REHABILITATION  
 NE 155TH ST TO NE 175TH ST  
 SIDEWALK PLAN

DRAWING NO.  
**SW5**  
  
SHEET  
**15**  
OF  
**#**  
SHEETS



**CONSTRUCTION NOTES**

- 1 INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
- 2 CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
- 3 CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
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- 6 CONSTRUCT PARALLEL CURB RAMP PER COS STD PLAN 319. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 7 CONSTRUCT SINGLE DIRECTION CURB RAMP PER COS STD PLAN 317. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
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- 15 REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
- 16 PROTECT EXISTING SIGN.

**GENERAL NOTES**

1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
2. GRIND VERTICAL DISCONTINUITIES TO MATCH ADJACENT PANELS.
3. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT.
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5. SEE SHEET LN1 FOR COMPLETE LEGEND.
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7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

**LEGEND**

- (X) RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
- [Pattern] CEMENT CONCRETE SIDEWALK
- [Pattern] FULL DEPTH PAVEMENT REPAIR
- [Pattern] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION

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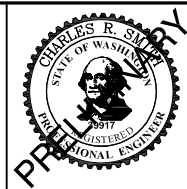


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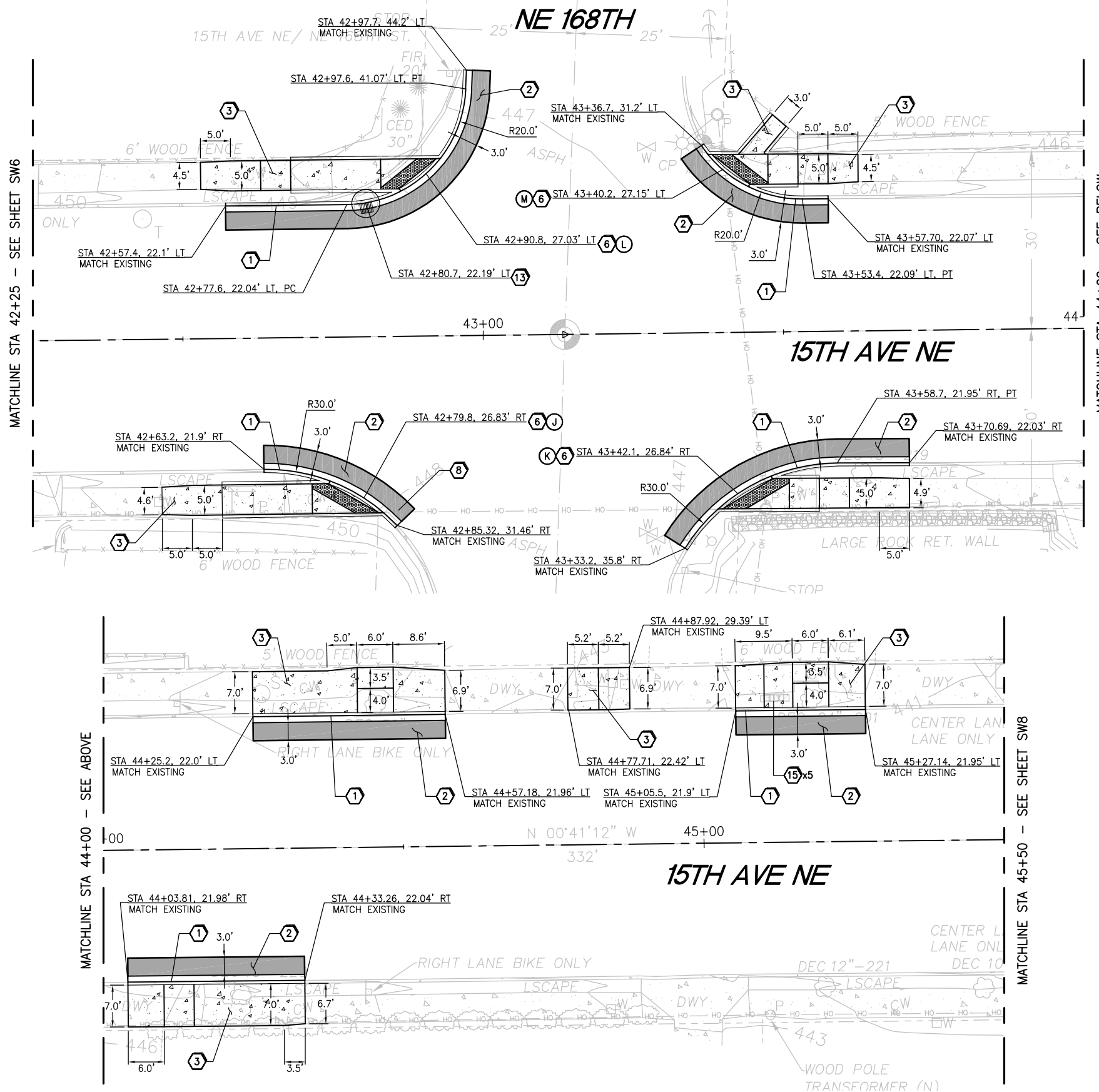
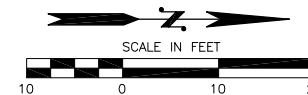
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PUBLIC WORKS  
CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
SIDEWALK PLAN

DRAWING NO.  
**SW6**  
SHEET  
**16**  
OF  
**#**  
SHEETS



SEC 16 & 17, T 26N, R 4E, W.M.



**CONSTRUCTION NOTES**

- ① INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
- ② CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
- ③ CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
- ④ INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- ⑤ CONSTRUCT PERPENDICULAR CURB RAMP PER COS STD PLAN 318. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- ⑥ CONSTRUCT PARALLEL CURB RAMP PER COS STD PLAN 319. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- ⑦ CONSTRUCT SINGLE DIRECTION CURB RAMP PER COS STD PLAN 317. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- ⑧ ADJUST EXISTING STRUCTURE TO GRADE.
- ⑨ ADJUST TO GRADE & REPLACE EXISTING GRATE WITH SOLID LOCKING LID.
- ⑩ PROTECT EXISTING TREE.
- ⑪ INSTALL TYPE 1 CATCH BASIN WITH VANED GRATE PER COS STD PLAN 705 & 726. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- ⑫ INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- ⑬ INSTALL TYPE 2 -48" CATCH BASIN WITH VANED GRATE PER COS STD 708, 726, & 730. ALIGN FRAME WITH NEW CURB AS SHOWN. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- ⑭ INSTALL NEW 12" STORM DRAIN PIPE.
- ⑮ REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
- ⑯ PROTECT EXISTING SIGN.

**GENERAL NOTES**

- 1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
- 2. GRIND VERTICAL DISCONTINUITIES TO MATCH ADJACENT PANELS.
- 3. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT.
- 4. RESEAL EXISTING CONSTRUCTION JOINT.
- 5. SEE SHEET LN1 FOR COMPLETE LEGEND.
- 6. SEE SHEET MD1 FOR ADDITIONAL INFORMATION FOR CURB RAMP CONSTRUCTION.
- 7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

**LEGEND**

- ⓧ RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
- [Pattern] CEMENT CONCRETE SIDEWALK
- [Pattern] FULL DEPTH PAVEMENT REPAIR
- [Pattern] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION

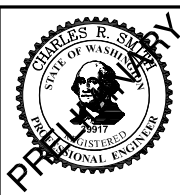


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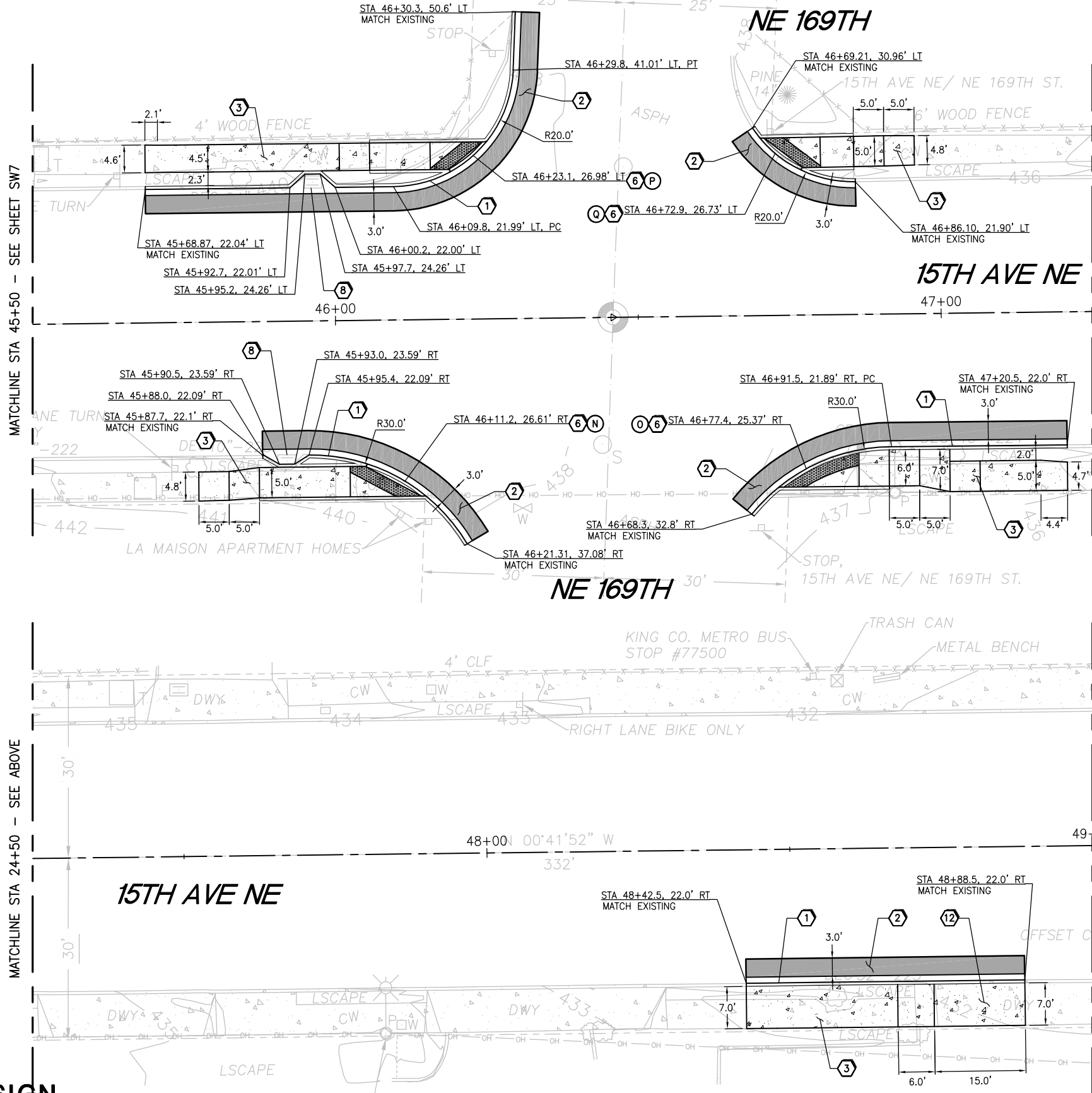
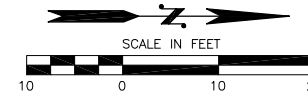


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CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
SIDEWALK PLAN

DRAWING NO. **SW7**  
SHEET **17** OF **#** SHEETS

SEC 16 & 17, T 26N, R 4E, W.M.



**CONSTRUCTION NOTES**

- ① INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
- ② CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
- ③ CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
- ④ INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
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- ⑪ INSTALL TYPE 1 CATCH BASIN WITH VANED GRATE PER COS STD PLAN 705 & 726. CONNECT EXISTING PIPES TO NEW STRUCTURE.
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**GENERAL NOTES**

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**LEGEND**

- (X) RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
- [Pattern] CEMENT CONCRETE SIDEWALK
- [Pattern] FULL DEPTH PAVEMENT REPAIR
- [Pattern] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION



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PLAN CHECK	BY	DATE			
DESIGNED BY:	CRS	DRAWN BY:	WRM		
DATE	NO.	REVISION	BY		

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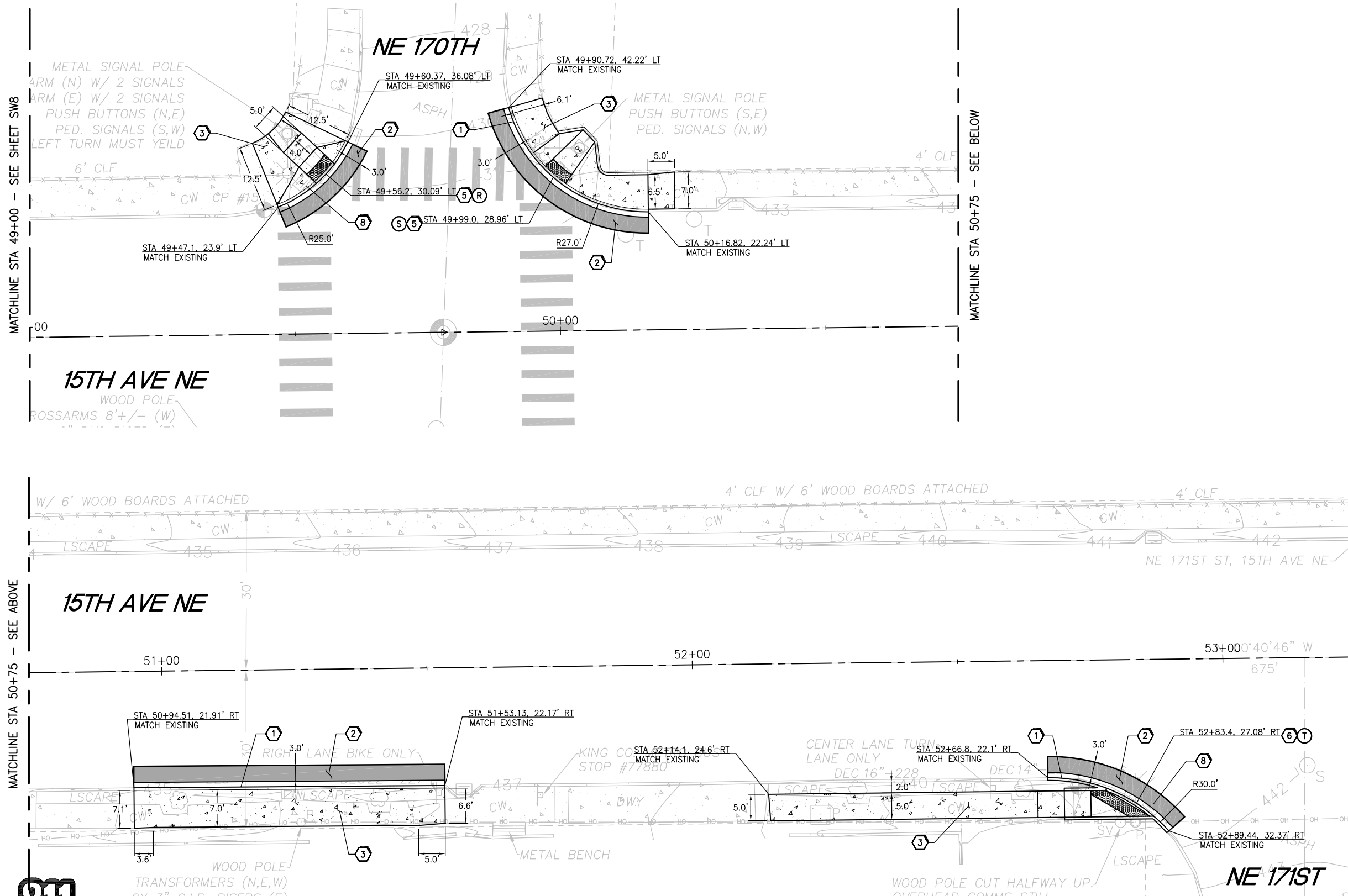
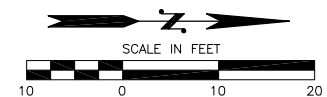


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**DEPARTMENT OF PUBLIC WORKS**  
 CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
**15TH AVE NE SIDEWALK REHABILITATION**  
**NE 155TH ST TO NE 175TH ST**  
**SIDEWALK PLAN**

DRAWING NO.  
**SW8**  
 SHEET  
**18**  
 OF  
**#**  
**SHEETS**

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**CONSTRUCTION NOTES**

- 1. INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
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**GENERAL NOTES**

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- [Pattern] CEMENT CONCRETE SIDEWALK
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- [Pattern] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION

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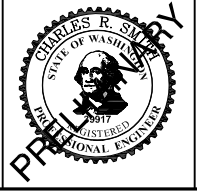


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**60% DESIGN**

PLAN CHECK	BY	DATE	NO.	REVISION	BY

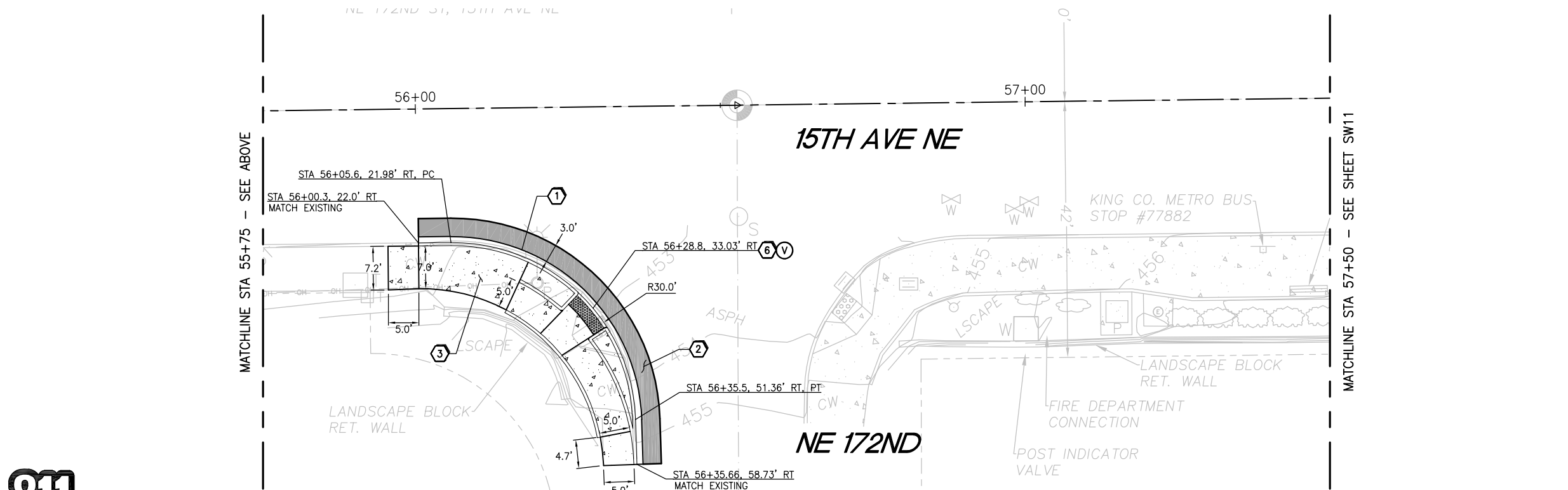
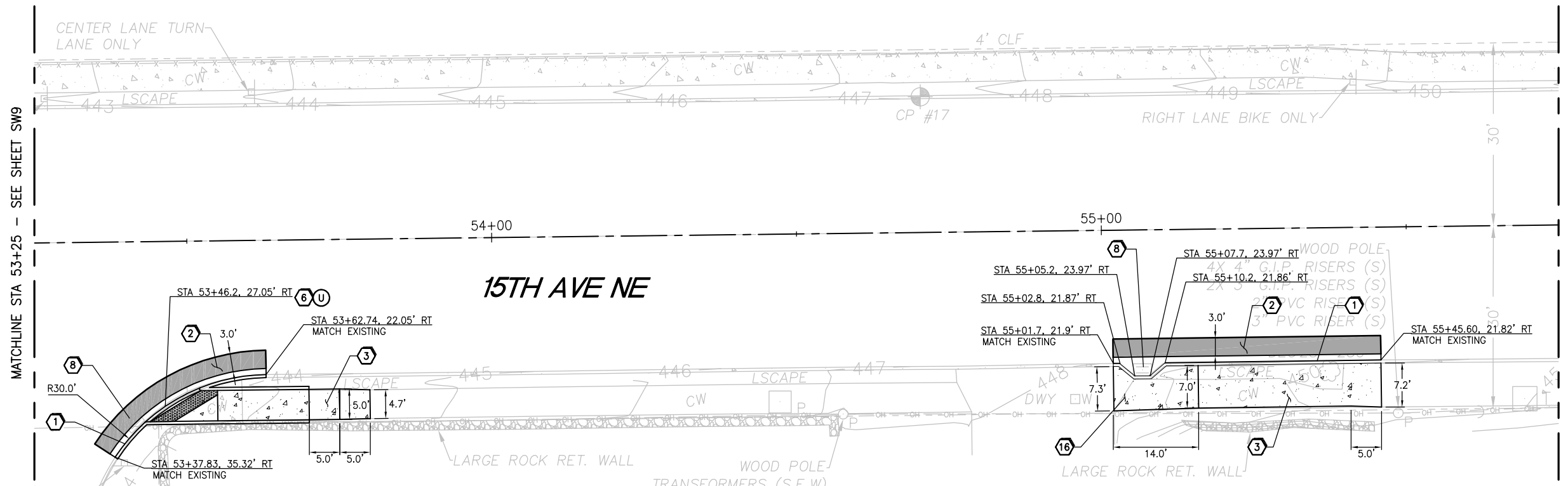
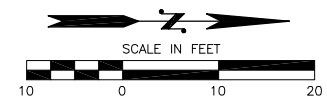
**Reid Middleton**  
728 134th Street SW Suite 200  
Everett, Washington 98204  
Ph: 425 741-3800



**CITY OF SHORELINE**  
DEPARTMENT OF  
PUBLIC WORKS  
CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
SIDEWALK PLAN

DRAWING NO.  
**SW9**  
SHEET  
**19**  
OF  
**#**  
SHEETS



**CONSTRUCTION NOTES**

- 1. INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
- 2. CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
- 3. CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
- 4. INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- 5. CONSTRUCT PERPENDICULAR CURB RAMP PER COS STD PLAN 318. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 6. CONSTRUCT PARALLEL CURB RAMP PER COS STD PLAN 319. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 7. CONSTRUCT SINGLE DIRECTION CURB RAMP PER COS STD PLAN 317. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
- 8. ADJUST EXISTING STRUCTURE TO GRADE.
- 9. ADJUST TO GRADE & REPLACE EXISTING GRATE WITH SOLID LOCKING LID.
- 10. PROTECT EXISTING TREE.
- 11. INSTALL TYPE 1 CATCH BASIN WITH VANED GRATE PER COS STD PLAN 705 & 726. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- 12. INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
- 13. INSTALL TYPE 2 -48" CATCH BASIN WITH VANED GRATE PER COS STD 708, 726, & 730. ALIGN FRAME WITH NEW CURB AS SHOWN. CONNECT EXISTING PIPES TO NEW STRUCTURE.
- 14. INSTALL NEW 12" STORM DRAIN PIPE.
- 15. REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
- 16. PROTECT EXISTING SIGN.

**GENERAL NOTES**

- 1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
- 2. GRIND VERTICAL DISCONTINUITIES TO MATCH ADJACENT PANELS.
- 3. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT.
- 4. RESEAL EXISTING CONSTRUCTION JOINT.
- 5. SEE SHEET LN1 FOR COMPLETE LEGEND.
- 6. SEE SHEET MD1 FOR ADDITIONAL INFORMATION FOR CURB RAMP CONSTRUCTION.
- 7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

**LEGEND**

- (X) RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
- [Symbol] CEMENT CONCRETE SIDEWALK
- [Symbol] FULL DEPTH PAVEMENT REPAIR
- [Symbol] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION

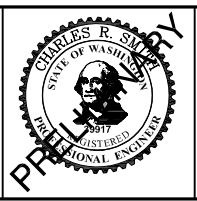


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02/19/2022 8:50pm H:\2551\21\006 Shoreline 15th Ave NE Sidewalk Drafting Design - CAD 2018\_5906-SW1.dwg

PLAN CHECK	BY	DATE	REVISION	BY

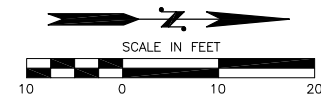
**Reid Middleton**  
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 Everett, Washington 98204  
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**CITY OF SHORELINE**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
 15TH AVE NE SIDEWALK REHABILITATION  
 NE 155TH ST TO NE 175TH ST  
 SIDEWALK PLAN

DRAWING NO. **SW10**  
 SHEET 20 OF # SHEETS



**CONSTRUCTION NOTES**

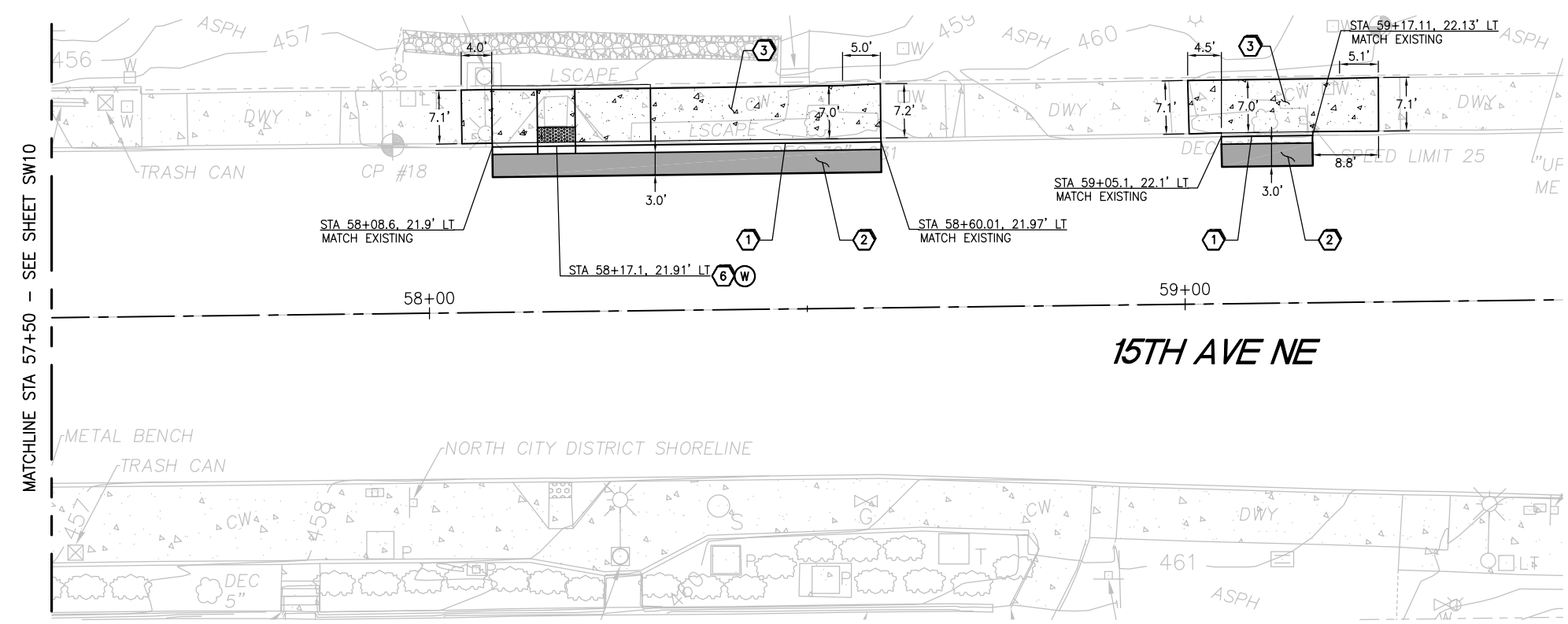
1. INSTALL CEMENT CONCRETE TYPE A CURB AND GUTTER PER COS STD PLAN 312.
2. CONSTRUCT FULL DEPTH HMA PAVEMENT RESTORATION. SEE SHEET MD1 FOR SECTION.
3. CONSTRUCT CEMENT CONCRETE SIDEWALK. PER COS STD PLAN 309.
4. INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
5. CONSTRUCT PERPENDICULAR CURB RAMP PER COS STD PLAN 318. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
6. CONSTRUCT PARALLEL CURB RAMP PER COS STD PLAN 319. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
7. CONSTRUCT SINGLE DIRECTION CURB RAMP PER COS STD PLAN 317. SEE SHEET MD1 FOR ADDITIONAL INFORMATION.
8. ADJUST EXISTING STRUCTURE TO GRADE.
9. ADJUST TO GRADE & REPLACE EXISTING GRATE WITH SOLID LOCKING LID.
10. PROTECT EXISTING TREE.
11. INSTALL TYPE 1 CATCH BASIN WITH VANED GRATE PER COS STD PLAN 705 & 726. CONNECT EXISTING PIPES TO NEW STRUCTURE.
12. INSTALL CEMENT CONCRETE DRIVEWAY PER COS STD PLAN 303.
13. INSTALL TYPE 2 -48" CATCH BASIN WITH VANED GRATE PER COS STD 708, 726, & 730. ALIGN FRAME WITH NEW CURB AS SHOWN. CONNECT EXISTING PIPES TO NEW STRUCTURE.
14. INSTALL NEW 12" STORM DRAIN PIPE.
15. REINSTALL EXISTING MAILBOX NEW SUPPORT PER COS STD PLAN 514.
16. PROTECT EXISTING SIGN.

**GENERAL NOTES**

1. CLEAR PEDESTRIAN ACCESS ROUTE OF VEGETATION.
2. GRIND VERTICAL DISCONTINUITIES TO MATCH ADJACENT PANELS.
3. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT.
4. RESEAL EXISTING CONSTRUCTION JOINT.
5. SEE SHEET LN1 FOR COMPLETE LEGEND.
6. SEE SHEET MD1 FOR ADDITIONAL INFORMATION FOR CURB RAMP CONSTRUCTION.
7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. ALL NEW OR REPLACED/ADJUSTED STRUCTURES WITHIN THE SIDEWALK SHALL HAVE ADA COMPLIANT SLIP RESISTANT LIDS.

**LEGEND**

- (X) RAMP/DRIVEWAY ID PER CURB RAMP TABLE ON SHEET MD1
- [Pattern] CEMENT CONCRETE SIDEWALK
- [Pattern] FULL DEPTH PAVEMENT REPAIR
- [Pattern] 6" TOPSOIL SEEDING MULCHING AND FERTILIZATION



02/19/2022 8:50pm H:\25st\21006 Shoreline 15th Ave NE Sidewalk\Drafting\Design - CAD 2018\_5906-SW1.dwg



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PLAN CHECK	BY	DATE				
DATE	NO.	REVISION	BY			
DESIGNED BY:		DRAWN BY:				
CRS		WRM				

**Reid Middleton**  
728 134th Street SW Suite 200  
Everett, Washington 98204  
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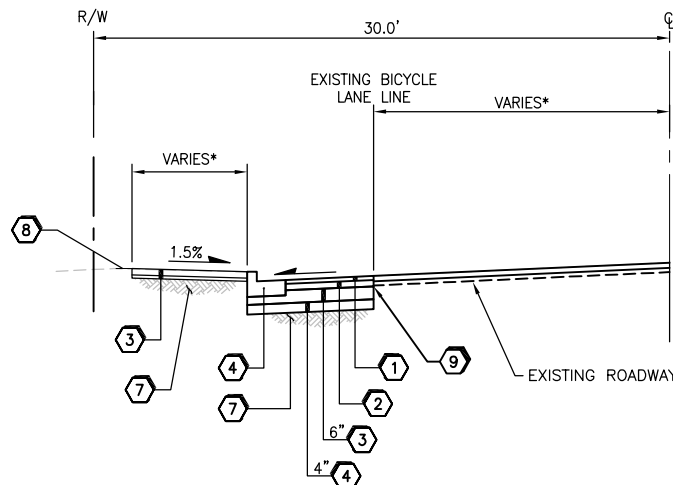


**CITY OF SHORELINE**  
DEPARTMENT OF  
PUBLIC WORKS  
CITY PROJ NUMBER: 10119

**CITY OF SHORELINE**  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
SIDEWALK PLAN

DRAWING NO.  
**SW11**  
SHEET  
**21**  
OF  
**#**  
SHEETS

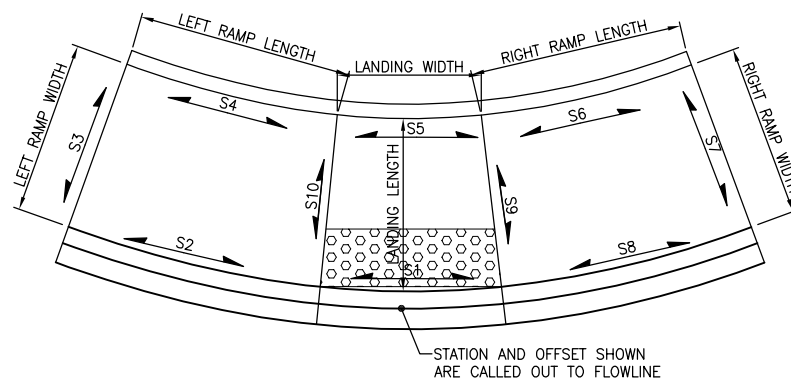
SEC 16 & 17, T 26N, R 4E, W.M.



PAVEMENT RESTORATION SECTION  
SEE PLAN FOR LOCATION  
N.T.S.  
\* SEE PLAN FOR LOCATION

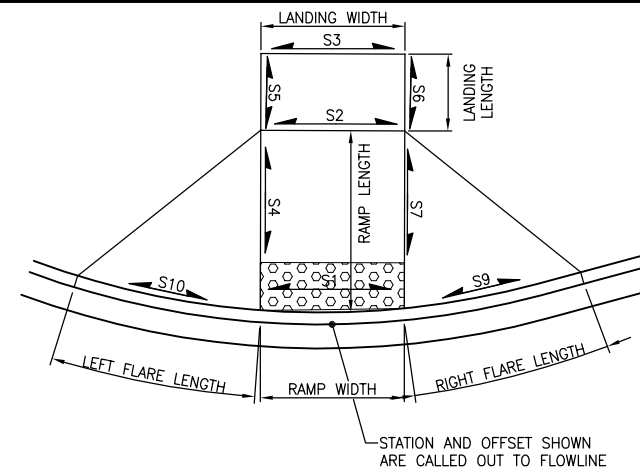
CONSTRUCTION NOTES:

- 1 2" HMA CL 3/8 IN, PG 58-22
- 2 4" HMA CL 1/2 IN, PG 58-22
- 3 CRUSHED SURFACING TOP COURSE
- 4 CRUSHED SURFACING BASE COURSE
- 5 CEMENT CONCRETE SIDEWALK PER COS STANDARD STANDARD DETAIL NO. 309.
- 6 TYPE A CEMENT CONCRETE CURB AND GUTTER, PER COS STANDARD DETAILS NO. 312.
- 7 COMPACTED SUBGRADE
- 8 SEEDING, FERTILIZING AND MULCHING
- 9 SAWCUT, SEE SP SHEETS FOR LOCATIONS.



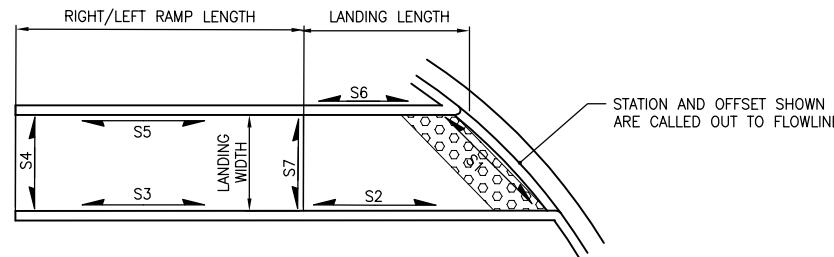
CURB RAMP - PARALLEL

NOT TO SCALE



CURB RAMP - PERPENDICULAR

NOT TO SCALE



CURB RAMP - SINGLE DIRECTION

NOT TO SCALE

GENERAL NOTES FOR CURB RAMPS

1. THE INTENDED CROSS SLOPE FOR ALL RAMPS AND LANDINGS IS 1.5% BUT DUE TO EXISTING GUTTER AND ROADWAY SLOPES, ACHIEVING 1.5% MAY NOT BE POSSIBLE. CONTRACTOR SHALL CONSTRUCT WITH CROSS SLOPES AS CLOSE TO 1.5% (OR LESS) AS POSSIBLE WITHIN EXISTING CONDITIONS. CROSS SLOPES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
2. RAMP RUNNING SLOPE SHALL NOT EXCEED 7.5%. RAMP MAY BE LENGTHENED TO ACHIEVE 7.5% OR LESS SLOPE TO A MAXIMUM LENGTH OF 15 FEET UNLESS NOTED OTHERWISE. THE LENGTH AND RUNNING SLOPE OF THE RAMP SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
3. MINIMUM FLARE LENGTH SHALL BE 4 FEET WITH A MAXIMUM SLOPE OF 10.0%. FLARE MAY BE LENGTHENED TO A MAXIMUM OF 7 FEET TO ACHIEVE A SLOPE OF 10.0% OR LESS. FINAL LENGTHS AND SLOPES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
4. SEE TABLE ON THIS SHEET FOR CURB RAMP LENGTHS. LENGTHS SHALL BE ADJUSTED TO ACHIEVE REQUIRED SLOPES TO ACCOMMODATE EXISTING SITE CONDITIONS. ALL SLOPES AND LENGTHS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING CEMENT CONCRETE.
5. CONTRACTOR SHALL GRADE LANDING TO DRAIN TO GUTTER LINE.
6. CURB RAMPS AND DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STD PLANS F-45.10-02, EXCEPT AS MODIFIED BY DETAILS ON THIS SHEET.
7. RAMPS SHALL MEET ALL ADA SPECIFICATIONS

CURB RAMP TABLE

RAMP (X)	LANDING LENGTH	LANDING WIDTH	RT RAMP LENGTH	RT RAMP WIDTH	RAMP LENGTH	RAMP WIDTH	LT RAMP LENGTH	LT RAMP WIDTH	LEFT FLARE LENGTH	RIGHT FLARE LENGTH	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
A	4.0	5.0	--	--	5.0	5.0	--	--	--	--	0.3%	0.7%	6.0%	1.5%	6.0%	1.0%	1.5%	--	--	--
B	4.0	5.0	--	--	15.0	5.0	--	--	--	--	8.2%	3.3%	13.4%	1.5%	10.3%	0.5%	8.0%	--	--	--
C	6.8	5.3	--	--	--	--	8.7	7.0	--	--	1.0%	7.2%	1.0%	8.0%	1.5%	--	--	--	1.0%	1.0%
D	6.4	5.0	6.5	6.5	--	--	--	--	--	--	2.6%	--	1.5%	--	3.0%	6.5%	1.5%	5.2%	1.9%	1.5%
E	6.0	6.0	7.0	6.0	--	--	5	6	--	--	2.0%	5.1%	1.5%	6.6%	2.7%	6.1%	1.5%	4.1%	0.6%	1.5%
F	8.8	5	7.0	8.0	--	--	--	--	--	--	3.5%	--	1.5%	--	4.7%	7.7%	1.0%	6.1%	1.5%	1.5%
G	9.0	4.0	--	--	--	--	2.9	10.0	--	--	1.8%	0.0%	0.0%	2.9%	2.4%	--	1.5%	--	1.5%	1.5%
H	4.0	5.0	--	--	7.0	5.0	--	--	--	--	0.1%	0.0%	7.0%	1.0%	7.0%	--	1.0%	--	--	--
I	4.0	5.0	--	--	7.0	5.0	--	--	--	--	0.4%	0.8%	7.5%	1.6%	7.5%	1.5%	1.6%	--	--	--
J	4.0	5.0	--	--	15.0	5.0	--	--	--	--	3.7%	2.0%	7.5%	0.0%	6.5%	0.0%	2.9%	--	--	--
K	4.0	5.0	--	--	10.0	5.0	--	--	--	--	2.7%	-1.1%	4.6%	1.5%	5.1%	1.5%	2.0%	--	--	--
L	4.0	5.0	--	--	15.0	5.0	--	--	--	--	4.3%	1.8%	7.8%	1.0%	6.8%	0.5%	4.0%	--	--	--
M	4.0	5.0	--	--	5.0	5.0	--	--	--	--	1.0%	1.5%	5.0%	3.5%	5.0%	1.5%	3.5%	--	--	--
N	4.0	5.0	--	--	15.0	5.0	--	--	--	--	3.4%	1.5%	8.5%	1.2%	7.5%	1.0%	4.2%	--	--	--
O	4.0	5.5	--	--	5.0	6.0	--	--	--	--	2.6%	1.8%	7.0%	1.8%	7.5%	--	2.5%	--	--	--
P	4.0	4.5	--	--	10.0	4.5	--	--	--	--	2.9%	1.8%	7.5%	1.2%	7.0%	1.5%	2.3%	--	--	--
Q	4.0	5.0	--	--	5.0	5.0	--	--	--	--	3.0%	0.0%	1.0%	3.1%	2.0%	1.5%	4.2%	--	--	--
R	4.0	5.0	--	--	4.0	5.0	--	--	8.3	4.7	7.0%	7.0%	7.0%	0.5%	0.5%	0.6%	0.6%	--	1.9%	6.2%
S	6.0	5.0	15.0	5.0	--	--	7.5	6.0	--	--	9.5%	6.9%	1.5%	6.4%	14.8%	6.3%	1.3%	7.0%	1.5%	1.5%
T	4.0	5.0	--	--	10.0	5.0	--	--	--	--	4.4%	0.5%	6.3%	2.0%	7.0%	1.5%	4.5%	--	--	--
U	4.0	5.0	--	--	15.0	5.0	--	--	--	--	1.6%	1.5%	7.5%	1.5%	7.0%	0.5%	0.0%	--	--	--
V	10.0	5.0	15.0	5.0	--	--	6.9	5.0	--	--	7.3%	13.9%	1.5%	16.0%	8.0%	4.3%	1.5%	3.3%	1.8%	0.5%
W	7.0	5.0	10.0	7.0	--	--	6.0	7.0	--	--	2.5%	5.8%	2.6%	6.9%	2.5%	7.4%	1.0%	7.4%	1.5%	1.5%

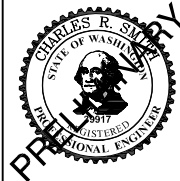


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PLAN CHECK	BY	DATE	NO.	REVISION	BY
DESIGNED BY: CRS		DRAWN BY: WRM			

Reid Middleton

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Ph: 425 741-3800



CITY OF SHORELINE  
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PUBLIC WORKS  
CITY PROJ NUMBER: 10119

CITY OF SHORELINE  
15TH AVE NE SIDEWALK REHABILITATION  
NE 155TH ST TO NE 175TH ST  
MISCELLANEOUS DETAILS

DRAWING NO. MD1  
SHEET 22 OF # SHEETS