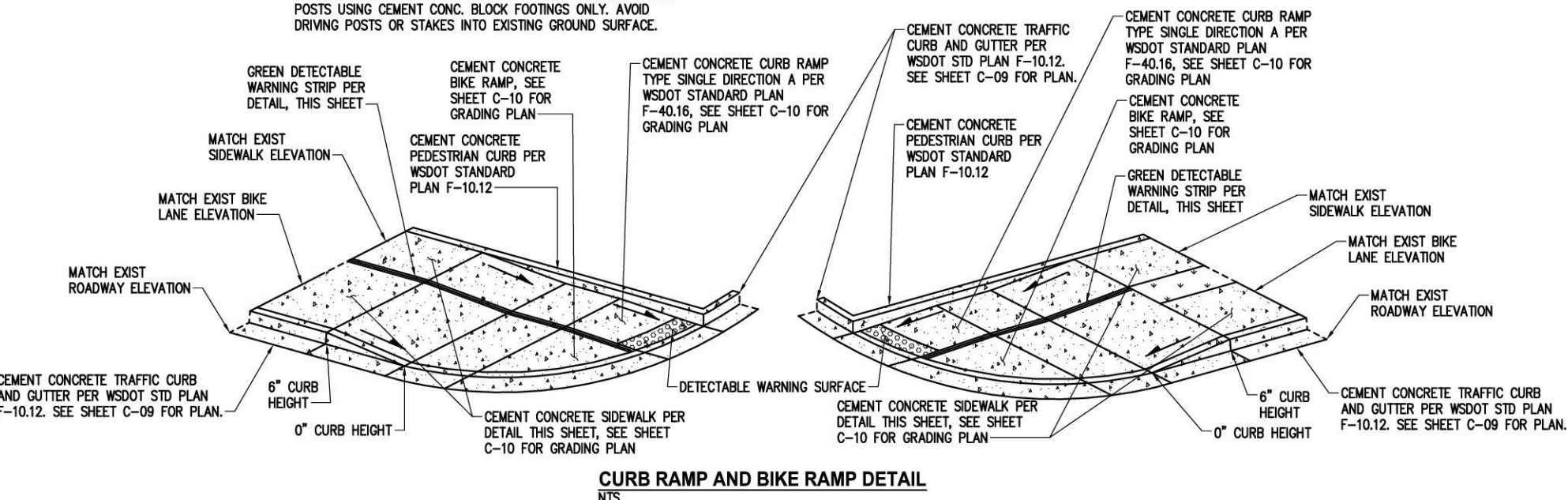
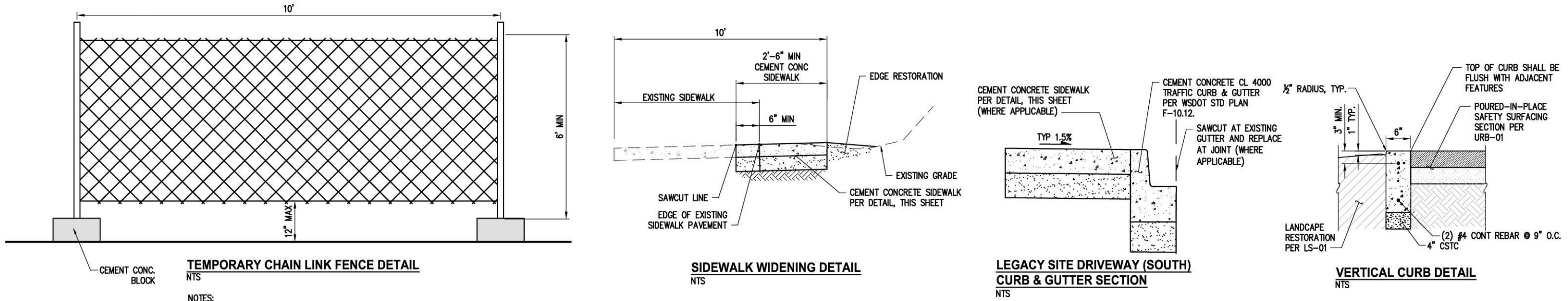
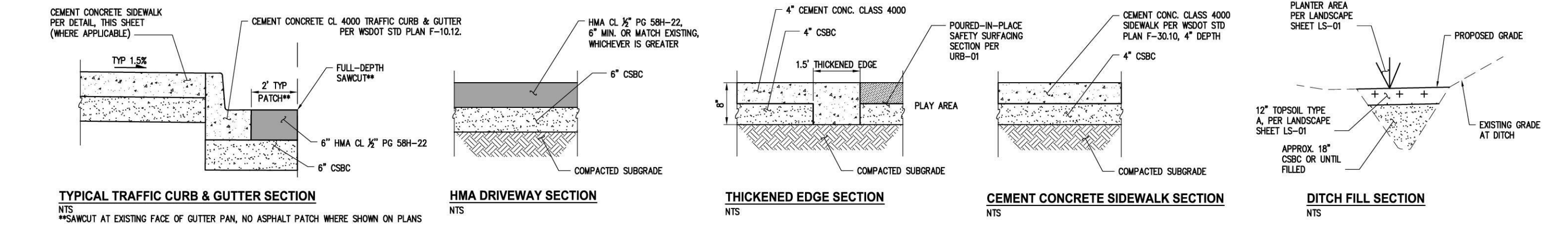
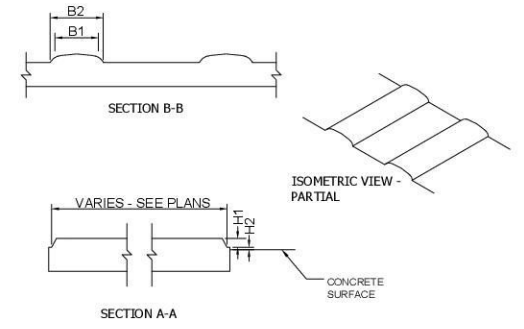
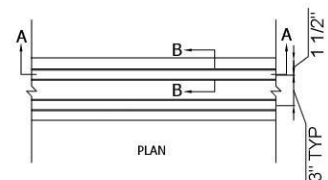




- NOTE:**
- Lengths are continuous based on project requirements.
 - Width is per project requirements.
 - GuideStrip is a non-skid product.

DIMENSION	RANGE (in.)
B1	0.90 - 1.20
B2	B1 + 0.20
H1	0.18 - 0.20
H2	0.05 MAX



GREEN DETECTABLE WARNING STRIP DETAIL
INSTALL PER MANUFACTURERS RECOMMENDATIONS.
INSTALL BY APPROVED, TRAINED INSTALLERS
WIDTH OF DETECTABLE WARNING STRIP SHALL BE 6".
NTS

NOT ISSUED FOR CONSTRUCTION

REVISIONS			
REV	DATE	DESCRIPTION	BY
0	09/10/2026	Issued for Bid	KF

PREPARED UNDER THE DIRECTION OF

KARINA FRANADA, PE

ENGINEER OF RECORD

09/2026

DATE

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SEATTLE, WA 98121
206.286.1640
www.psomas.com

CITY OF MAPLE VALLEY

CITY OF MAPLE VALLEY

T-57 SR 169 PEDESTRIAN BRIDGE

SITE PREP AND ROADWAY DETAILS

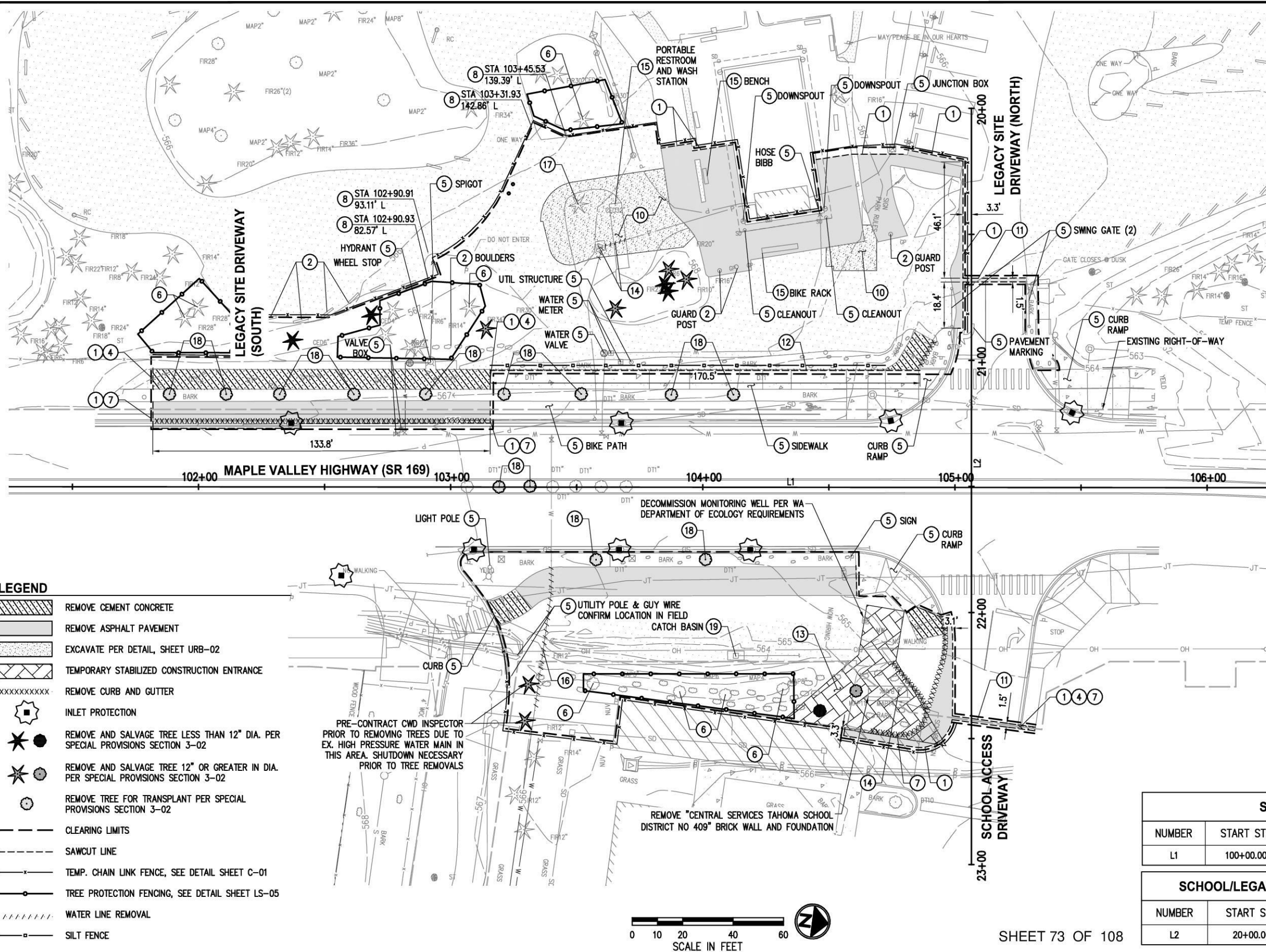
SCALE: AS SHOWN

FILENAME: 9VMS010200CIVD01

PROJECT No: 9VMS010200

SHEET: C-01

REV: B



GENERAL SITE PREPARATION & TESC NOTES

1. REMOVE ALL EXISTING ABOVE GROUND FEATURES WITHIN THE PROJECT LIMIT UNLESS NOTED OTHERWISE.
2. PROTECT ALL EXISTING STRUCTURES, UTILITIES, AND FEATURES WITHIN THE PROJECT LIMITS UNLESS NOTED OTHERWISE.
3. NO CONSTRUCTION RELATED ACTIVITY SHALL CONTRIBUTE TO THE DEGRADATION OF THE ENVIRONMENT, ALLOW MATERIAL TO ENTER SURFACE OR GROUND WATERS, OR ALLOW PARTICULATE EMISSIONS TO THE ATMOSPHERE, WHICH EXCEED STATE OF FEDERAL STANDARDS. ANY ACTIONS THAT POTENTIALLY ALLOW A DISCHARGE TO STATE WATERS MUST HAVE PRIOR APPROVAL FROM THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.
4. FOR PRESERVATION OR REMOVAL OF EXISTING SIGNS, SEE SIGN SCHEDULE, SHEET C-09.
5. FOR REMOVAL OR ABANDONMENT OF EXISTING STORM DRAIN, SEE STORMWATER PLAN, SHEET C-14.
6. FOR REMOVAL OF EXISTING WATER MAIN, SEE APPENDIX FOR COVINGTON WATER DISTRICT PLAN AND PROFILE.
7. FOR ALL TREES REMOVED ON SITE, SEE SPECIAL PROVISIONS, SECTION 3-02.3, AND CONSTRUCTION NOTES 17 AND 18 BELOW, FOR SALVAGE REQUIREMENTS.

SITE PREPARATION NOTES

- 1 SAWCUT EXISTING PAVEMENT OR SIDEWALK.
- 2 REMOVE AND SALVAGE TO CITY FEATURE NOTED.
- 4 SAWCUT SIDEWALK AT THE NEAREST JOINT.
- 5 PRESERVE AND PROTECT FEATURE NOTED.
- 6 PRESERVE AND PROTECT TREE, SEE DETAIL SHEET LS-02.
- 7 SAWCUT AND REMOVE EX. CURB AND GUTTER TO NEAREST JOINT.
- 8 TEMPORARY CHAIN LINK FENCING PER DETAIL, SHEET C-01.
- 10 EXCAVATE FOR POURED-IN-PLACE SAFETY SURFACING PER PLAN, SHEET URB-01.
- 11 SAWCUT AND TRENCH FOR IRRIGATION LINE PER PLAN, SHEET IRR-01. ENGINEER TO APPROVE LOCATION.
- 12 SAWCUT EXISTING SIDEWALK PER SIDEWALK WIDENING DETAIL, SHEET C-01.
- 13 TEMPORARY STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10.
- 14 REMOVE AND RELOCATE UTILITY STRUCTURE AND CONDUIT PER ELECTRICAL PLANS (BY OTHERS).
- 15 REMOVE AND RELOCATE PER URBAN DESIGN PLAN, SHEET URB-01.
- 16 REMOVE AND RELOCATE WATER LINE PER COVINGTON WATER DISTRICT PLAN, SEE APPENDIX.
- 17 CUT TREE AT 8' ABOVE EXISTING GROUND AND SALVAGE ALL REMAINING PORTIONS OF TRUNK 8" IN DIAMETER OR GREATER IN 8' LENGTHS TO THE CITY. LOG SECTIONS LESS THAN 8" DIAMETER AND BRANCHES SHALL BE CHIPPED PER GENERAL NOTE 7.
- 18 EXISTING TREE SHALL BE CAREFULLY DUG WITH ROOTBALL INTACT AND PROVIDED TO THE CITY FOR REPLANTING OUTSIDE PROJECT LIMITS. SEE SPECIAL PROVISIONS.
- 19 REMOVE FEATURE NOTED.

SR 169 CONSTRUCTION CL ALIGNMENT

NUMBER	START STA	NORTHING	EASTING	LENGTH	BRNG/DELTA
L1	100+00.00	137203.72	1345660.50	700.00'	N 7°26'59" W

SCHOOL/LEGACY SITE DRIVEWAY CONSTRUCTION CL ALIGNMENT

NUMBER	START STA	NORTHING	EASTING	LENGTH	BRNG/DELTA
L2	20+00.00	137686.31	1345445.71	300.00'	N 82°30'16" E

SHEET 73 OF 108

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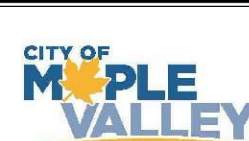
PREPARED UNDER THE DIRECTION OF

KARINA FRANADA, PE
ENGINEER OF RECORD

09/2026
DATE



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www.psomas.com
DESIGNED: KF DATE: 09/2026
DRAWN: KL DATE: 09/2026
CHECKED: KF DATE: 09/2026



CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

SITE PREPARATION AND TESC PLAN

SCALE: AS SHOWN	
FILENAME: 9VMS010200SP01	
PROJECT No: 9VMS010200	
SHEET: C-02	REV: B

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs.							
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH
100'	123'	172'	74'	100'	150'	74'	100'	150'	74'	100'
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)		
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' ± (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' ± (2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

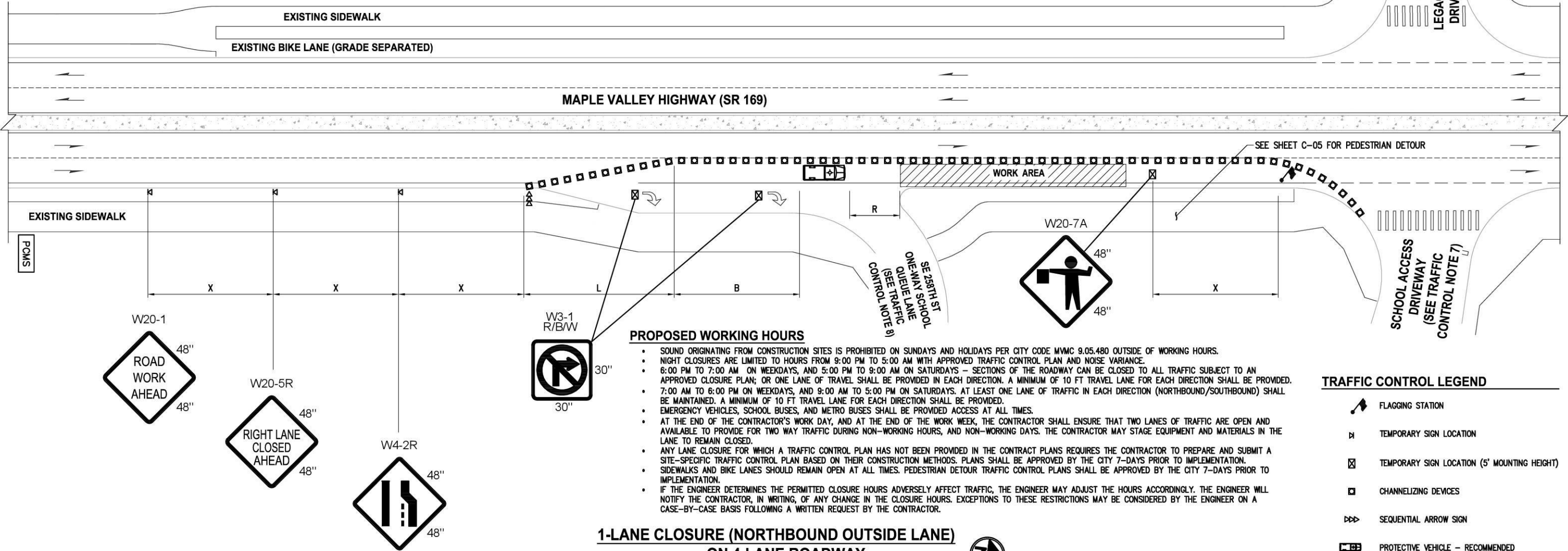
CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50	40	80
35/45	30	60
25/30	20	40

- TRAFFIC CONTROL NOTES**
- TRAFFIC CONTROL PLAN DEPICTS A GENERAL CONFIGURATION. CONTRACTOR SHALL MAKE ADJUSTMENTS TO FIT SITE CONDITIONS. CONTRACTOR ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER.
 - POSTED SPEED LIMIT ON SR 169 IS 35 MPH.
 - ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
 - DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
 - DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANES.
 - TRAFFIC CONTROL SIGNAGE SHALL NOT BLOCK SIDEWALKS OUTSIDE OF WORK ZONES.
 - SCHOOL ACCESS DRIVEWAY SHALL REMAIN OPEN AT ALL TIMES.
 - CLOSURE OF THE SCHOOL QUEUING LANE AT SE 258TH ST AND CLOSURE OF SCHOOL WALKING ROUTE SIDEWALK ARE PROHIBITED BETWEEN 8:30 AM AND 9:30 AM M-F; 3 PM TO 4 PM M-THUR; 1:30 PM – 2:30 PM ON FRIDAY. THESE HOURS ARE SUBJECT TO CHANGE PER 2027 SCHOOL START AND END TIME REVISIONS.
 - CLOSURE OF SIDEWALKS ON BOTH SIDES OF SR 169 IS NOT PERMITTED. ANY CLOSURE OF SIDEWALK ON EITHER SIDE OF SR 169 SHALL REQUIRE AN ACCESSIBLE DETOUR ROUTE AND PRIOR APPROVAL BY THE ENGINEER.

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	POSTED SPEED (MPH)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

PCMS	
1	2
RIGHT LANE CLOSURE	1/4 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE IN ADVANCE
OF TEMPORARY SIGNING



NOT ISSUED FOR
CONSTRUCTION

REVISIONS			
REV	DATE	DESCRIPTION	BY
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KARINA FRANADA, PE
ENGINEER OF RECORD

09/2026
DATE



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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

TRAFFIC CONTROL PLAN

SCALE: AS SHOWN	
FILENAME: 9VMS010200TCP01	
PROJECT No: 9VMS010200	
SHEET: C-03	REV: B

TRAFFIC CONTROL LEGEND

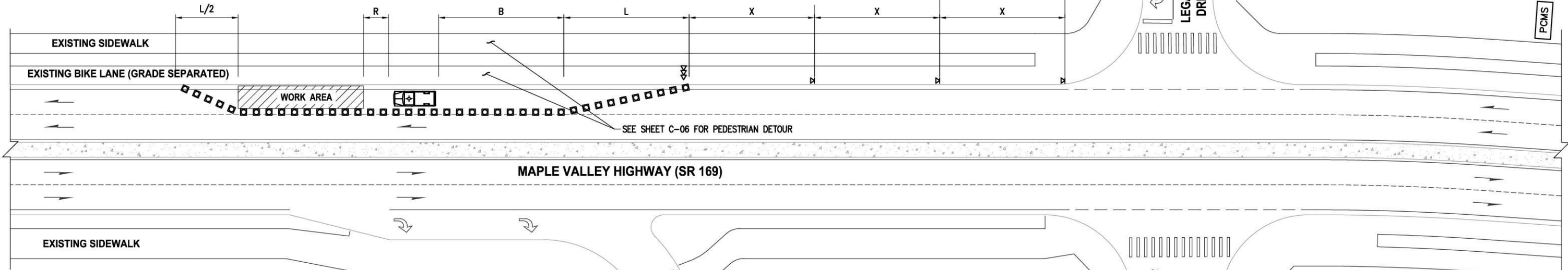
- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)
- CHANNELIZING DEVICES
- SEQUENTIAL ARROW SIGN
- PROTECTIVE VEHICLE - RECOMMENDED
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

PROPOSED WORKING HOURS

- SOUND ORIGINATING FROM CONSTRUCTION SITES IS PROHIBITED ON SUNDAYS AND HOLIDAYS PER CITY CODE MVMC 9.05.480 OUTSIDE OF WORKING HOURS.
- NIGHT CLOSURES ARE LIMITED TO HOURS FROM 9:00 PM TO 5:00 AM WITH APPROVED TRAFFIC CONTROL PLAN AND NOISE VARIANCE.
- 6:00 PM TO 7:00 AM ON WEEKDAYS, AND 5:00 PM TO 9:00 AM ON SATURDAYS - SECTIONS OF THE ROADWAY CAN BE CLOSED TO ALL TRAFFIC SUBJECT TO AN APPROVED CLOSURE PLAN; OR ONE LANE OF TRAVEL SHALL BE PROVIDED IN EACH DIRECTION. A MINIMUM OF 10 FT TRAVEL LANE FOR EACH DIRECTION SHALL BE PROVIDED.
- 7:00 AM TO 6:00 PM ON WEEKDAYS, AND 9:00 AM TO 5:00 PM ON SATURDAYS. AT LEAST ONE LANE OF TRAFFIC IN EACH DIRECTION (NORTHBOUND/SOUTHBOUND) SHALL BE MAINTAINED. A MINIMUM OF 10 FT TRAVEL LANE FOR EACH DIRECTION SHALL BE PROVIDED.
- EMERGENCY VEHICLES, SCHOOL BUSES, AND METRO BUSES SHALL BE PROVIDED ACCESS AT ALL TIMES.
- AT THE END OF THE CONTRACTOR'S WORK DAY, AND AT THE END OF THE WORK WEEK, THE CONTRACTOR SHALL ENSURE THAT TWO LANES OF TRAFFIC ARE OPEN AND AVAILABLE TO PROVIDE FOR TWO WAY TRAFFIC DURING NON-WORKING HOURS, AND NON-WORKING DAYS. THE CONTRACTOR MAY STAGE EQUIPMENT AND MATERIALS IN THE LANE TO REMAIN CLOSED.
- ANY LANE CLOSURE FOR WHICH A TRAFFIC CONTROL PLAN HAS NOT BEEN PROVIDED IN THE CONTRACT PLANS REQUIRES THE CONTRACTOR TO PREPARE AND SUBMIT A SITE-SPECIFIC TRAFFIC CONTROL PLAN BASED ON THEIR CONSTRUCTION METHODS. PLANS SHALL BE APPROVED BY THE CITY 7-DAYS PRIOR TO IMPLEMENTATION.
- SIDEWALKS AND BIKE LANES SHOULD REMAIN OPEN AT ALL TIMES. PEDESTRIAN DETOUR TRAFFIC CONTROL PLANS SHALL BE APPROVED BY THE CITY 7-DAYS PRIOR TO IMPLEMENTATION.
- IF THE ENGINEER DETERMINES THE PERMITTED CLOSURE HOURS ADVERSELY AFFECT TRAFFIC, THE ENGINEER MAY ADJUST THE HOURS ACCORDINGLY. THE ENGINEER WILL NOTIFY THE CONTRACTOR, IN WRITING, OF ANY CHANGE IN THE CLOSURE HOURS. EXCEPTIONS TO THESE RESTRICTIONS MAY BE CONSIDERED BY THE ENGINEER ON A CASE-BY-CASE BASIS FOLLOWING A WRITTEN REQUEST BY THE CONTRACTOR.

PCMS	
1	2
RIGHT LANE CLOSURE	1/4 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE IN ADVANCE OF TEMPORARY SIGNING



BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.				HOST VEHICLE WEIGHT > 22,000 lbs.						
< 45 MPH	45-55 MPH		> 55 MPH		< 45 MPH		45-55 MPH		> 55 MPH	
100'	123'		172'		74'		100'		150'	
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)		
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' ± (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' ± (2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	POSTED SPEED (MPH)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50	40	80
35/45	30	60
25/30	20	40

1-LANE CLOSURE (SOUTHBOUND OUTSIDE LANE)
ON 4-LANE ROADWAY

NOT TO SCALE



TRAFFIC CONTROL NOTES

- TRAFFIC CONTROL PLAN DEPICTS A GENERAL CONFIGURATION. CONTRACTOR SHALL MAKE ADJUSTMENTS TO FIT SITE CONDITIONS. CONTRACTOR ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER.
- POSTED SPEED LIMIT ON SR 169 IS 35 MPH.
- ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
- DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
- DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
- TRAFFIC CONTROL SIGNAGE SHALL NOT BLOCK SIDEWALKS OUTSIDE OF WORK ZONES.
- SCHOOL ACCESS DRIVEWAY SHALL REMAIN OPEN AT ALL TIMES.
- CLOSURE OF THE SCHOOL QUEUING LANE AT SE 258TH ST AND CLOSURE OF SCHOOL WALKING ROUTE SIDEWALK ARE PROHIBITED BETWEEN 8:30 AM AND 9:30 AM M-F; 3 PM TO 4 PM M-THUR; 1:30 PM - 2:30 PM ON FRIDAY. THESE HOURS ARE SUBJECT TO CHANGE PER 2027 SCHOOL START AND END TIME REVISIONS.
- CLOSURE OF SIDEWALKS ON BOTH SIDES OF SR 169 IS NOT PERMITTED. ANY CLOSURE OF SIDEWALK ON EITHER SIDE OF SR 169 SHALL REQUIRE AN ACCESSIBLE DETOUR ROUTE AND PRIOR APPROVAL BY THE ENGINEER.

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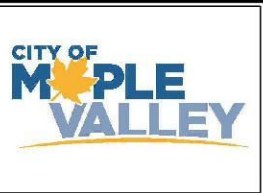
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KARINA FRANADA, PE
ENGINEER OF RECORD

09/2026
DATE



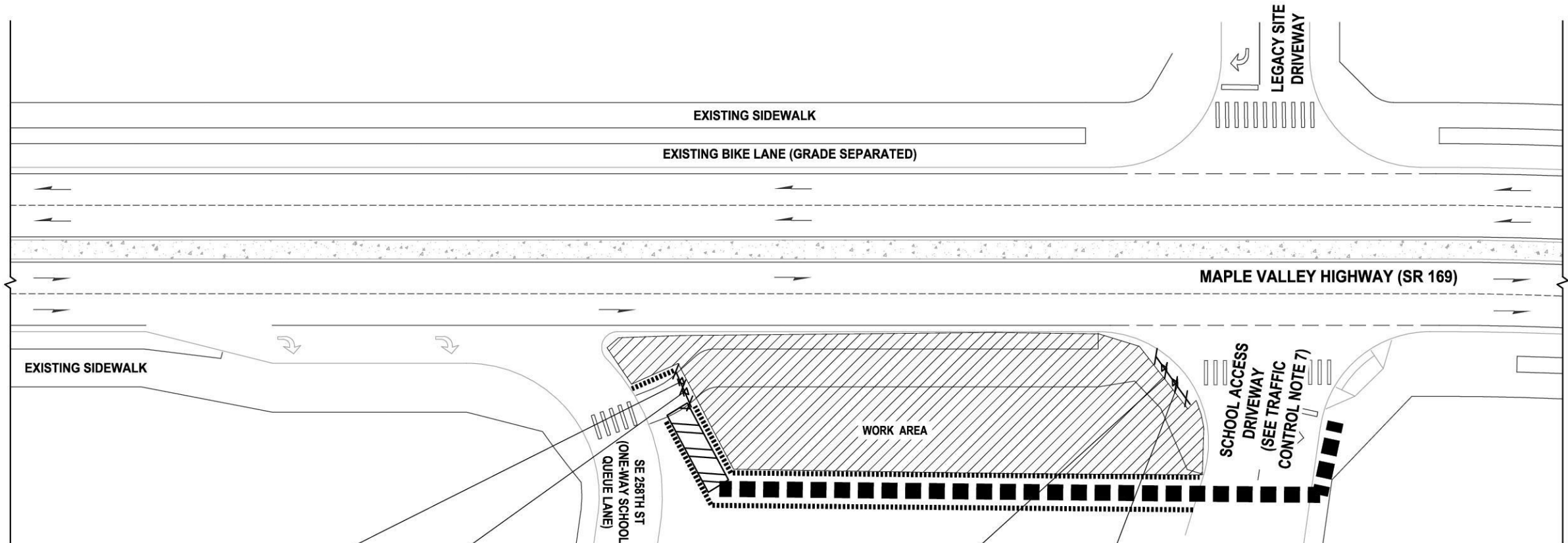
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

TRAFFIC CONTROL PLAN

SCALE: AS SHOWN	
FILENAME: 9VMS010200TCP01	
PROJECT No: 9VMS010200	
SHEET: C-04	REV: B



**PEDESTRIAN DETOUR
(EAST SIDEWALK SR 169)**

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- TYPE 3 BARRICADE
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PEDESTRIAN CHANNELIZING DEVICES
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY HMA PATHWAY

TRAFFIC CONTROL NOTES

- TRAFFIC CONTROL PLAN DEPICTS A GENERAL CONFIGURATION. CONTRACTOR SHALL MAKE ADJUSTMENTS TO FIT SITE CONDITIONS. CONTRACTOR ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER.
- POSTED SPEED LIMIT ON SR 169 IS 35 MPH.
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- DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
- TRAFFIC CONTROL SIGNAGE SHALL NOT BLOCK SIDEWALKS OUTSIDE OF WORK ZONES.
- SCHOOL ACCESS DRIVEWAY SHALL REMAIN OPEN AT ALL TIMES.
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- CLOSURE OF SIDEWALKS ON BOTH SIDES OF SR 169 IS NOT PERMITTED. ANY CLOSURE OF SIDEWALK ON EITHER SIDE OF SR 169 SHALL REQUIRE AN ACCESSIBLE DETOUR ROUTE AND PRIOR APPROVAL BY THE ENGINEER.

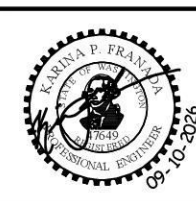
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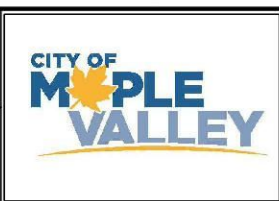
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DATE



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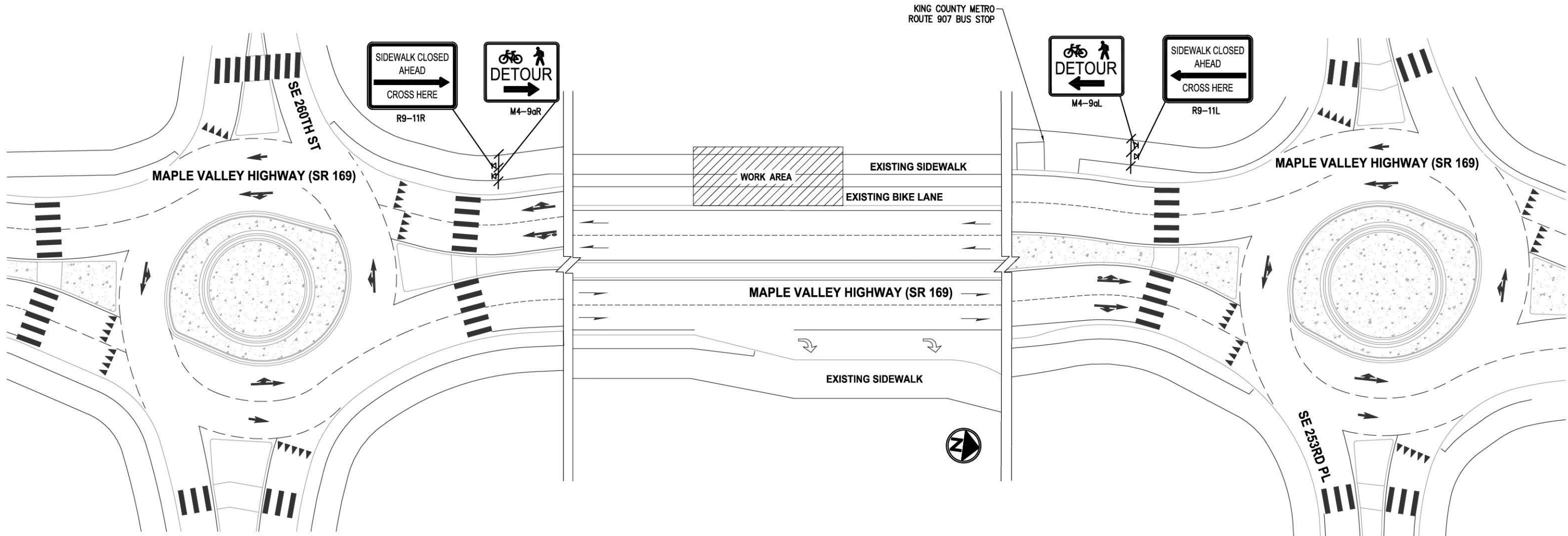
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CHECKED: KF DATE: 09/2026



CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

TRAFFIC CONTROL PLAN-PED DETOUR

SCALE: AS SHOWN	
FILENAME: 9VMS010200TCP01	
PROJECT No: 9VMS010200	
SHEET: C-05	REV: B



KING COUNTY METRO GENERAL NOTES

1. ALL CONSTRUCTION AND OTHER WORK ACTIVITY AFFECTING KING COUNTY METRO TRANSIT OPERATIONS OR FACILITIES MUST BE COORDINATED THROUGH THE KCM SYSTEM IMPACTS WORKGROUP. PLEASE CONTACT THEM TO PROVIDE SPECIFIC INFORMATION RELATED TO THE ACTIVITY AND ALLOW THE REQUIRED LEAD TIME NECESSARY FOR RESPONDING TO ANY IMPACTS CAUSED BY IT. FOR NOTIFICATION INFORMATION AND GUIDELINES PLEASE VISIT:
[HTTPS://KINGCOUNTY.GOV/DEPTS/TRANSPORTATION/METRO/ABOUT/CONSTRUCTION-CONTRACTORS/TRANSIT-SYSTEM-IMPACTS.ASPX](https://kingcounty.gov/depts/transportation/metro/about/construction-contractors/transit-system-impacts.aspx)
OR PHONE 206.477.1140 OR 206.477.1150 FOR TROLLEY-RELATED ACTIVITIES.

TRAFFIC CONTROL LEGEND

- /// TYPE 3 BARRICADE
M TEMPORARY SIGN LOCATION

TRAFFIC CONTROL NOTES

1. TRAFFIC CONTROL PLAN DEPICTS A GENERAL CONFIGURATION. CONTRACTOR SHALL MAKE ADJUSTMENTS TO FIT SITE CONDITIONS.
2. POSTED SPEED LIMIT ON SR 169 IS 35 MPH.
3. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
4. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
6. TRAFFIC CONTROL SIGNAGE SHALL NOT BLOCK SIDEWALKS OUTSIDE OF WORK ZONES.

**PEDESTRIAN DETOUR
(WEST SIDEWALK SR 169)**

NOT TO SCALE

SHEET 77 OF 108

NOT ISSUED FOR
CONSTRUCTION

REVISIONS			
REV	DATE	DESCRIPTION	BY
0	09/10/2026	Issued for Bid	KF

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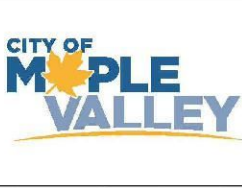
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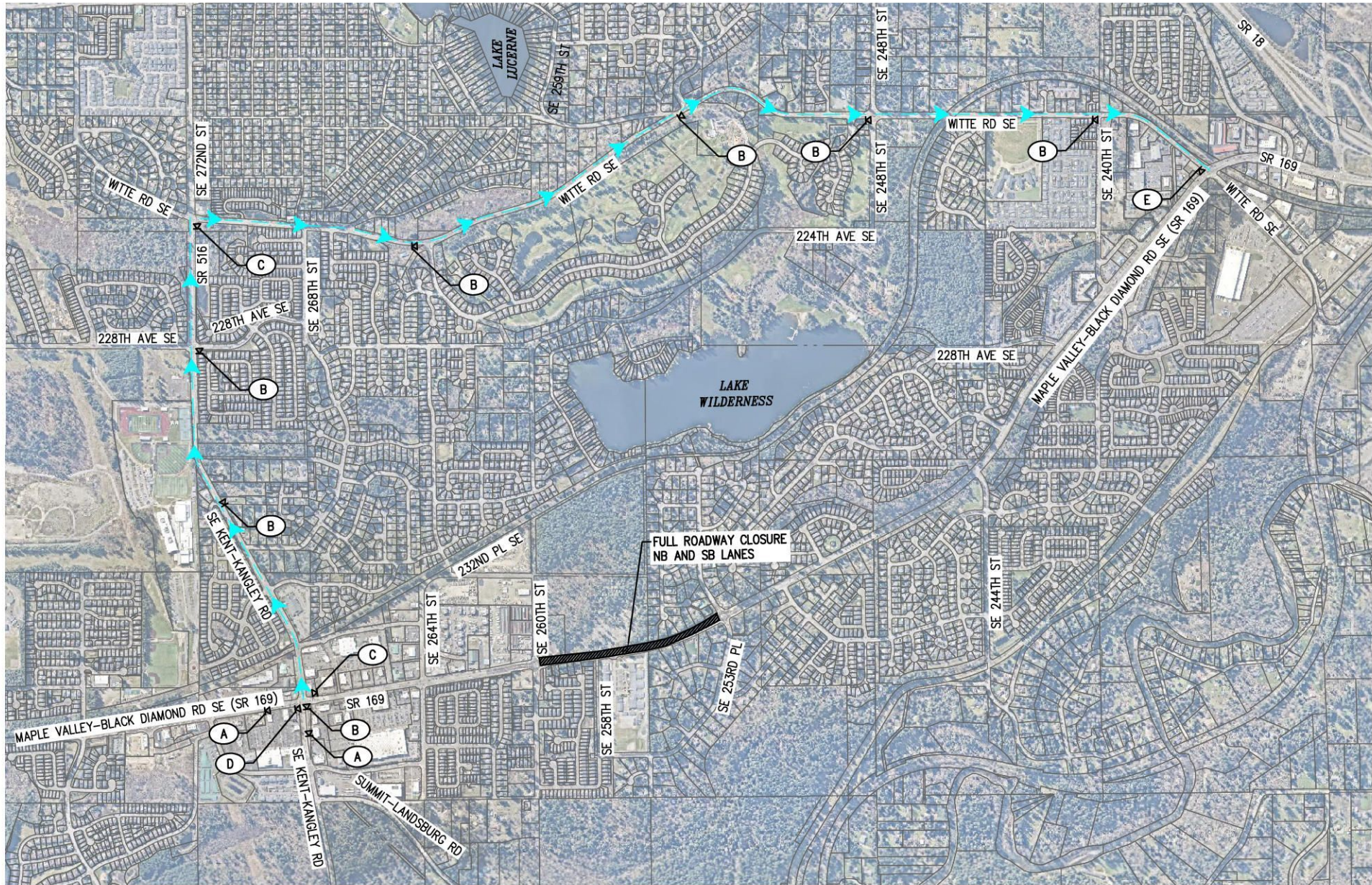
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CHECKED: KF DATE: 09/2026



CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

TRAFFIC CONTROL PLAN-PED DETOUR

SCALE: AS SHOWN	
FILENAME: 9VMS010200TCP01	
PROJECT No: 9VMS010200	
SHEET: C-06	REV: B



**FULL CLOSURE DETOUR PLAN
NORTHBOUND SR 169**

0 400 800 1600 2400
SCALE IN FEET



SIGN LEGEND



(A)



(B)



(C)



(D)



(E)

DETOUR GENERAL NOTES

1. SIGN LOCATIONS SHOWN ON THE DETOUR PLANS ARE APPROXIMATE AND SCHEMATIC ONLY. CONTRACTOR IS RESPONSIBLE FOR LOCATING THE SIGNS SO THAT DETOUR ROUTES ARE CLEAR.
2. ALL DETOURS SHALL BE DESIGNED, INSTALLED, OPERATED, AND REMOVED IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD, APPLICABLE WSDOT STANDARDS, AND LOCAL AGENCY REQUIREMENTS.
3. ALL DETOUR SIGNING, CHANNELIZING DEVICES, BARRICADES, AND PAVEMENT MARKINGS SHALL CONFORM TO APPROVED STANDARDS. DETOUR SIGNS SHALL BE MOUNTED AT PROPER HEIGHTS AND OFFSETS AND MAINTAINED IN A CLEAN, LEGIBLE CONDITION AT ALL TIMES.
4. CONTRACTOR SHALL VERIFY THAT DETOUR ROUTES ARE FREE OF OVERHEAD, UNDERGROUND, OR ROADSIDE OBSTRUCTIONS THAT COULD IMPACT TRAFFIC, INCLUDING OVERSIZED OR EMERGENCY VEHICLES.
5. DETOURS SHALL BE IMPLEMENTED IN ADDITION TO THE APPROVED TRAFFIC CONTROL PLANS (TCP). ANY FIELD MODIFICATIONS SHALL REQUIRE APPROVAL FROM THE ENGINEER OR AGENCY PRIOR TO IMPLEMENTATION.
6. CONTRACTOR SHALL INSPECT DETOUR ROUTES DAILY AND AFTER SIGNIFICANT WEATHER EVENTS. ANY DAMAGED, MISSING, OR NONCOMPLIANT DETOUR SIGNS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
7. THE ENGINEER RESERVES THE RIGHT TO REQUIRE REVISIONS TO DETOUR LAYOUTS OR OPERATIONS TO ADDRESS SAFETY OR OPERATIONAL CONCERNS AT NO ADDITIONAL COST TO THE AGENCY.
8. UPON COMPLETION OF WORK, DETOUR SIGNAGE AND DEVICES SHALL BE PROMPTLY REMOVED, AND AFFECTED AREAS RESTORED TO ORIGINAL CONDITION.

DETOUR LEGEND

-  FULL ROADWAY CLOSURE
-  DETOUR SIGN
-  DETOUR ROUTE & DIRECTION

NOT ISSUED FOR
CONSTRUCTION

REVISIONS			
REV	DATE	DESCRIPTION	BY
0	09/10/2026	Issued for Bid	KF

PREPARED UNDER THE DIRECTION OF

KARINA FRANADA, PE
ENGINEER OF RECORD

09/2026
DATE



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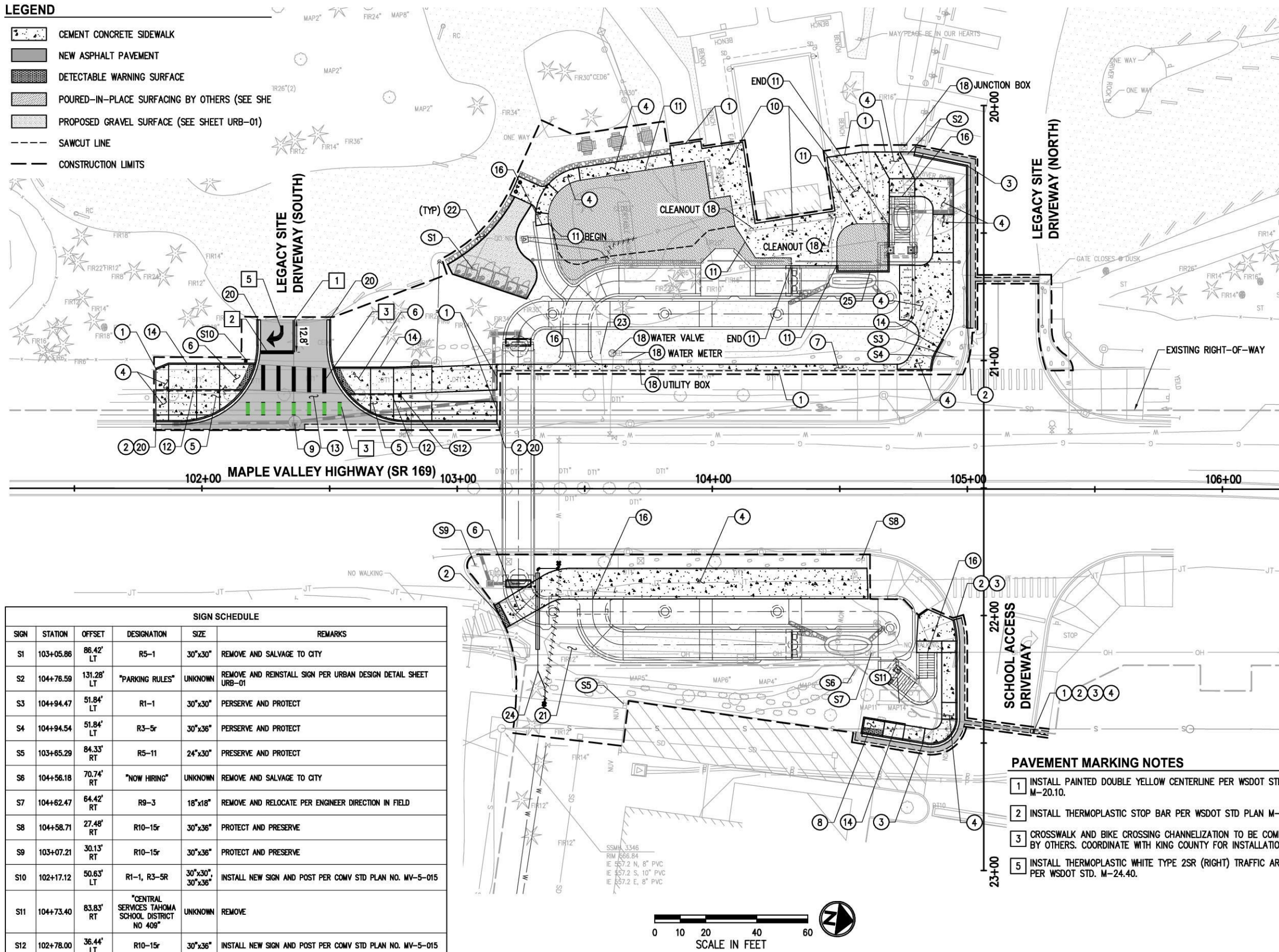
CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

TRAFFIC DETOUR PLAN-NORTHBOUND

SCALE: AS SHOWN	
FILENAME: 9VMS010200TCP01	
PROJECT No:	
9VMS010200	
SHEET:	REV:
C-08	B

LEGEND

- CEMENT CONCRETE SIDEWALK
- NEW ASPHALT PAVEMENT
- DETECTABLE WARNING SURFACE
- POURED-IN-PLACE SURFACING BY OTHERS (SEE SHE
- PROPOSED GRAVEL SURFACE (SEE SHEET URB-01)
- SAWCUT LINE
- CONSTRUCTION LIMITS



SIGN SCHEDULE					
SIGN	STATION	OFFSET	DESIGNATION	SIZE	REMARKS
S1	103+05.86	86.42' LT	R5-1	30"x30"	REMOVE AND SALVAGE TO CITY
S2	104+76.59	131.28' LT	"PARKING RULES"	UNKNOWN	REMOVE AND REINSTALL SIGN PER URBAN DESIGN DETAIL SHEET URB-01
S3	104+94.47	51.84' LT	R1-1	30"x30"	PRESERVE AND PROTECT
S4	104+94.54	51.84' LT	R3-5r	30"x36"	PRESERVE AND PROTECT
S5	103+65.29	84.33' RT	R5-11	24"x30"	PRESERVE AND PROTECT
S6	104+56.18	70.74' RT	"NOW HIRING"	UNKNOWN	REMOVE AND SALVAGE TO CITY
S7	104+82.47	64.42' RT	R9-3	18"x18"	REMOVE AND RELOCATE PER ENGINEER DIRECTION IN FIELD
S8	104+58.71	27.48' RT	R10-15r	30"x36"	PROTECT AND PRESERVE
S9	103+07.21	30.13' RT	R10-15r	30"x36"	PROTECT AND PRESERVE
S10	102+17.12	50.63' LT	R1-1, R3-SR	30"x30", 30"x36"	INSTALL NEW SIGN AND POST PER COMV STD PLAN NO. MV-5-015
S11	104+73.40	83.83' RT	"CENTRAL SERVICES TAHOMA SCHOOL DISTRICT NO 409"	UNKNOWN	REMOVE
S12	102+78.00	36.44' LT	R10-15r	30"x36"	INSTALL NEW SIGN AND POST PER COMV STD PLAN NO. MV-5-015

PAVEMENT MARKING NOTES

- INSTALL PAINTED DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10.
- INSTALL THERMOPLASTIC STOP BAR PER WSDOT STD PLAN M-15.10.
- CROSSWALK AND BIKE CROSSING CHANNELIZATION TO BE COMPLETED BY OTHERS. COORDINATE WITH KING COUNTY FOR INSTALLATION.
- INSTALL THERMOPLASTIC WHITE TYPE 2SR (RIGHT) TRAFFIC ARROW PER WSDOT STD. M-24.40.

GENERAL NOTES

- CONTRACTOR SHALL SEQUENCE REMOVAL OF EXISTING FEATURES WITH CONSTRUCTION OF NEW ROADWAY ELEMENTS TO MINIMIZE IMPACTS TO PROPERTY OWNERS, PEDESTRIANS, TRAFFIC FLOW, AND THE ENVIRONMENT.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PEDESTRIAN ROUTE AROUND CONSTRUCTION ACTIVITY FOR THE DURATION OF CONSTRUCTION.
- FOR URBAN DESIGN PLANS AND LANDSCAPE RESTORATION, SEE PLAN SHEETS URB-01 AND LS-01.
- FOR WATER PLAN AND PROFILE, SEE APPENDIX FOR COVINGTON WATER DISTRICT PLANS.

CONSTRUCTION NOTES

- MATCH EXISTING SIDEWALK.
- MATCH EXISTING CURB & GUTTER.
- CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER SECTION, SHEET C-01.
- CONSTRUCT CEMENT CONCRETE SIDEWALK PER SECTION, SHEET C-01.
- CONSTRUCT CEMENT CONCRETE BIKE RAMP PER DETAIL, SHEET C-01. SEE SHEET C-10 FOR GRADING PLAN.
- CONSTRUCT CEMENT CONCRETE CURB RAMP TYPE SINGLE DIRECTION A PER WSDOT STANDARD PLAN F-40.16. SEE SHEET C-01 FOR DETAIL AND SHEET C-10 FOR GRADING PLAN.
- CONSTRUCT 2.5' WIDE CEMENT CONCRETE SIDEWALK PER SIDEWALK WIDENING DETAIL, SHEET C-01.
- CONSTRUCT CEMENT CONCRETE CURB RAMP TYPE PARALLEL B PER WSDOT STANDARD PLAN F-40.12. SEE SHEET C-10 FOR GRADING PLAN.
- ADJUST CATCH BASIN TO GRADE.
- CONSTRUCT DECORATIVE CEMENT CONCRETE PLAZA PER URBAN DESIGN DETAIL, SHEET URB-02.
- CONSTRUCT CEMENT CONC. THICKENED EDGE AT PLAY SURFACE PER SECTION, SHEET C-01.
- INSTALL GREEN DETECTABLE WARNING STRIP PER SECTION, SHEET C-01.
- CONSTRUCT HMA DRIVEWAY PER SECTION, SHEET C-01, AND PER GRADING PLAN, SHEET C-10.
- CONSTRUCT CEMENT CONCRETE PEDESTRIAN CURB PER WSDOT STANDARD PLAN F-10.12.
- MATCH GRADES AT PROPOSED PEDESTRIAN BRIDGE, SEE STRUCTURAL PLANS FOR ELEVATION DETAILS.
- ADJUST TO GRADE, FEATURE NOTED.
- CONSTRUCT CEMENT CONC. TRAFFIC CURB AND GUTTER PER LEGACY SITE DRIVEWAY (SOUTH) SECTION, SHEET C-01.
- DITCH TO BE FILLED PER SECTION, SHEET C-01.
- INFILTRATION BMP, PER SHEET C-14. DO NOT COMPACT SUBGRADE AT INFILTRATION BMP.
- TRANSFORMER TO BE REMOVED AND RELOCATED PER ELECTRICAL PLANS (BY OTHERS).
- REMOVE AND REPLACE WATER LINE PER COVINGTON WATER DISTRICT PLAN AND PROFILE, SEE APPENDIX C FOR PLANS.
- CONSTRUCT CEMENT CONCRETE VERTICAL CURB PER DETAIL, SHEET C-01.

SHEET 80 OF 108

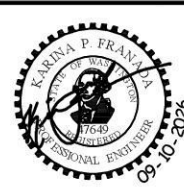
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REV	DATE	DESCRIPTION	BY
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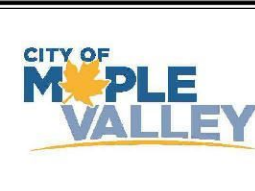
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KARINA FRANADA, PE
ENGINEER OF RECORD

09/2026
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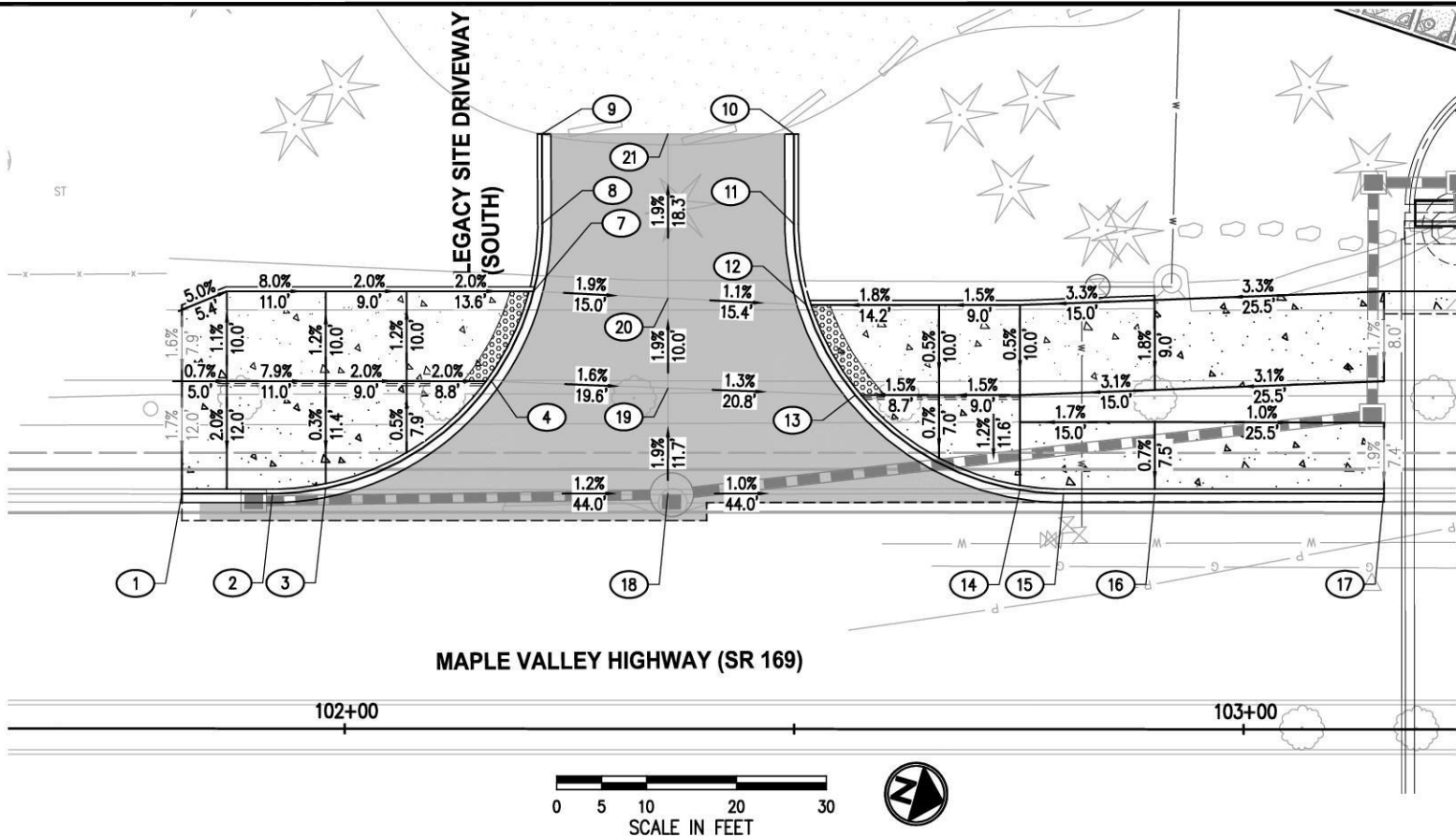
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

SITE & ROADWAY PLAN

SCALE: AS SHOWN	
FILENAME: 9VMS010200RD01	
PROJECT No: 9VMS010200	
SHEET: C-09	REV: B

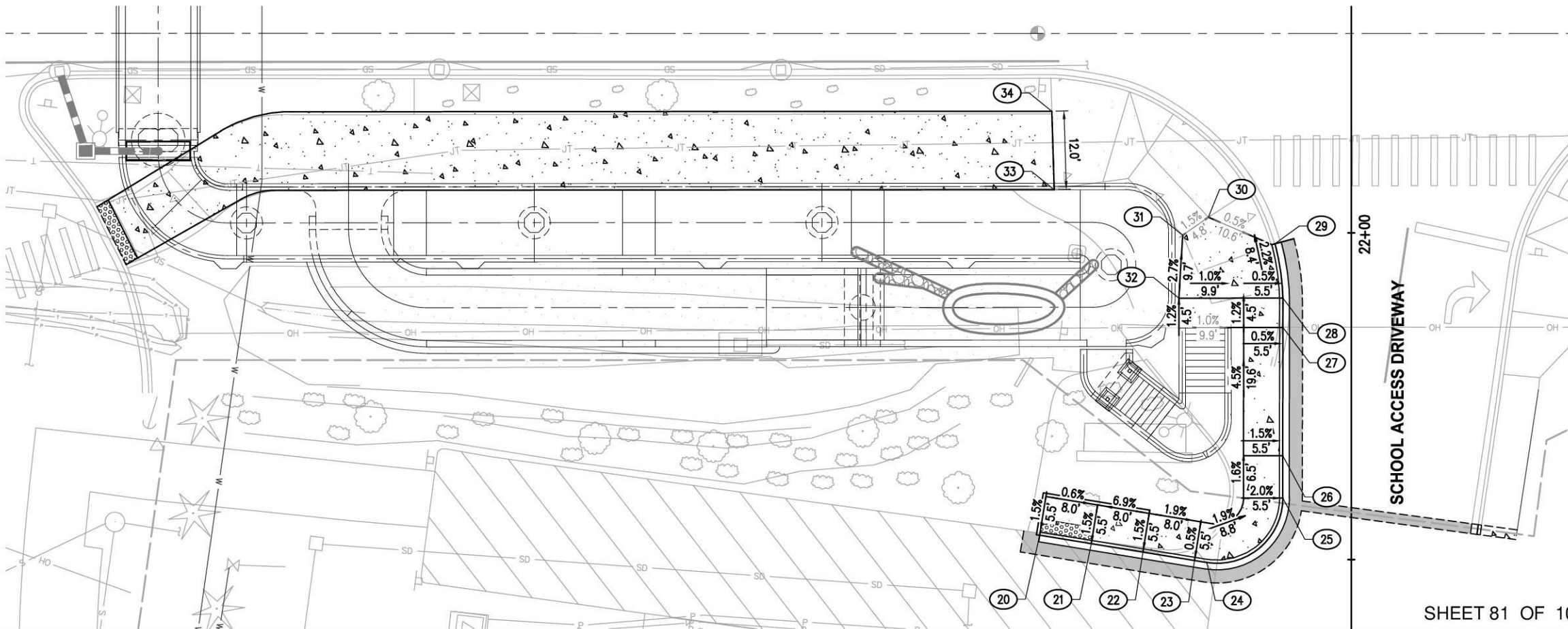


DRIVEWAY CURB LAYOUT POINTS				
NUMBER	STATION	OFFSET	FL ELEV	DESCRIPTION
1	101+81.87	26.15' LT	567.23	MATCH EXISTING
2	101+91.94	26.15' LT	567.07	PC, R=30', 6" CURB
3	101+97.87	26.75' LT	567.01	BIKE RAMP OPENING
4	102+16.30	38.68' LT	567.58	CURB RAMP OPENING
7	102+20.97	48.68' LT	566.34	CURB RAMP OPENING
8	102+21.92	56.20' LT	566.84	PT, 6" CURB
9	102+21.90	66.20' LT	565.90	END CURB
10	102+49.91	66.19' LT	565.85	END CURB
11	102+49.92	56.18' LT	565.90	PT, 6" CURB
12	102+51.32	47.17' LT	566.01	CURB RAMP OPENING
13	102+56.76	37.16' LT	566.09	CURB RAMP OPENING
14	102+75.09	26.61' LT	566.25	BIKE RAMP OPENING
15	102+79.94	26.22' LT	566.14	PC, R=30', 6" CURB
16	102+90.07	26.23' LT	566.01	GRADE BREAK
17	103+15.57	26.29' LT	565.72	MATCH EXISTING
18	102+35.94	26.19' LT	566.59	CENTER OF DRIVEWAY, MATCH EXISTING
19	102+35.93	37.91' LT	566.36	CENTER OF DRIVEWAY, GRADE BREAK
20	102+35.93	47.91' LT	566.17	CENTER OF DRIVEWAY, GRADE BREAK
21	102+35.91	66.19' LT	565.88	CENTER OF DRIVEWAY, MATCH EXISTING

- GRADING GENERAL NOTES**
- CURB RAMPS AND DRIVEWAYS SHALL BE CONSTRUCTED TO MEET RUNNING AND CROSS SLOPES SHOWN.
 - CURB RAMPS, DRIVEWAY ENTRANCES, AND LANDINGS SHALL BE PLANAR WITH NO GRADE BREAKS.
 - USE DETECTABLE WARNING SURFACE (DWS) WHERE APPLICABLE. DWS SHALL BE INSTALLED PER WSDOT STD PLAN F-45.10.
 - CEMENT CONCRETE LANDINGS SHALL BE BRUSH FINISHED.

- LEGEND**
- CEMENT CONCRETE SIDEWALK
 - NEW ASPHALT PAVEMENT
 - DETECTABLE WARNING SURFACE
 - POURED-IN-PLACE SURFACING BY OTHERS (SEE SHEET URB-01)
 - PROPOSED GRAVEL SURFACE (SEE SHEET URB-01)
 - SAWCUT LINE
 - CONSTRUCTION LIMITS

CURB RAMP LAYOUT POINTS				
NUMBER	STATION	OFFSET	FL ELEV	DESCRIPTION
20	104+58.91	95.91' RT	566.00	RAMP OPENING
21	104+66.80	97.20' RT	566.09	RAMP OPENING
22	104+74.70	98.48' RT	566.13	RAMP, 6" CURB
23	104+82.59	99.77' RT	565.92	LANDING
24	104+84.47	100.07' RT	566.14	PC, R=10'
25	104+96.08	90.19' RT	565.80	LANDING, PT
26	104+96.08	83.71' RT	565.59	RAMP
27	104+96.08	64.10' RT	564.76	LANDING
28	104+96.07	59.60' RT	564.80	PC, R=35'
29	104+94.86	51.29' RT	564.52	MATCH EXISTING
30	104+84.66	47.24' RT	565.07	MATCH EXISTING
31	104+80.74	49.99' RT	565.07	MATCH EXISTING
32	104+80.17	59.62' RT	565.34	MATCH EXISTING
33	104+61.09	43.04' RT	565.07	MATCH EXISTING
34	104+60.72	31.04' RT	564.93	MATCH EXISTING



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CONSTRUCTION

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PREPARED UNDER THE DIRECTION OF

KARINA FRANADA, PE
ENGINEER OF RECORD

09/2026
DATE



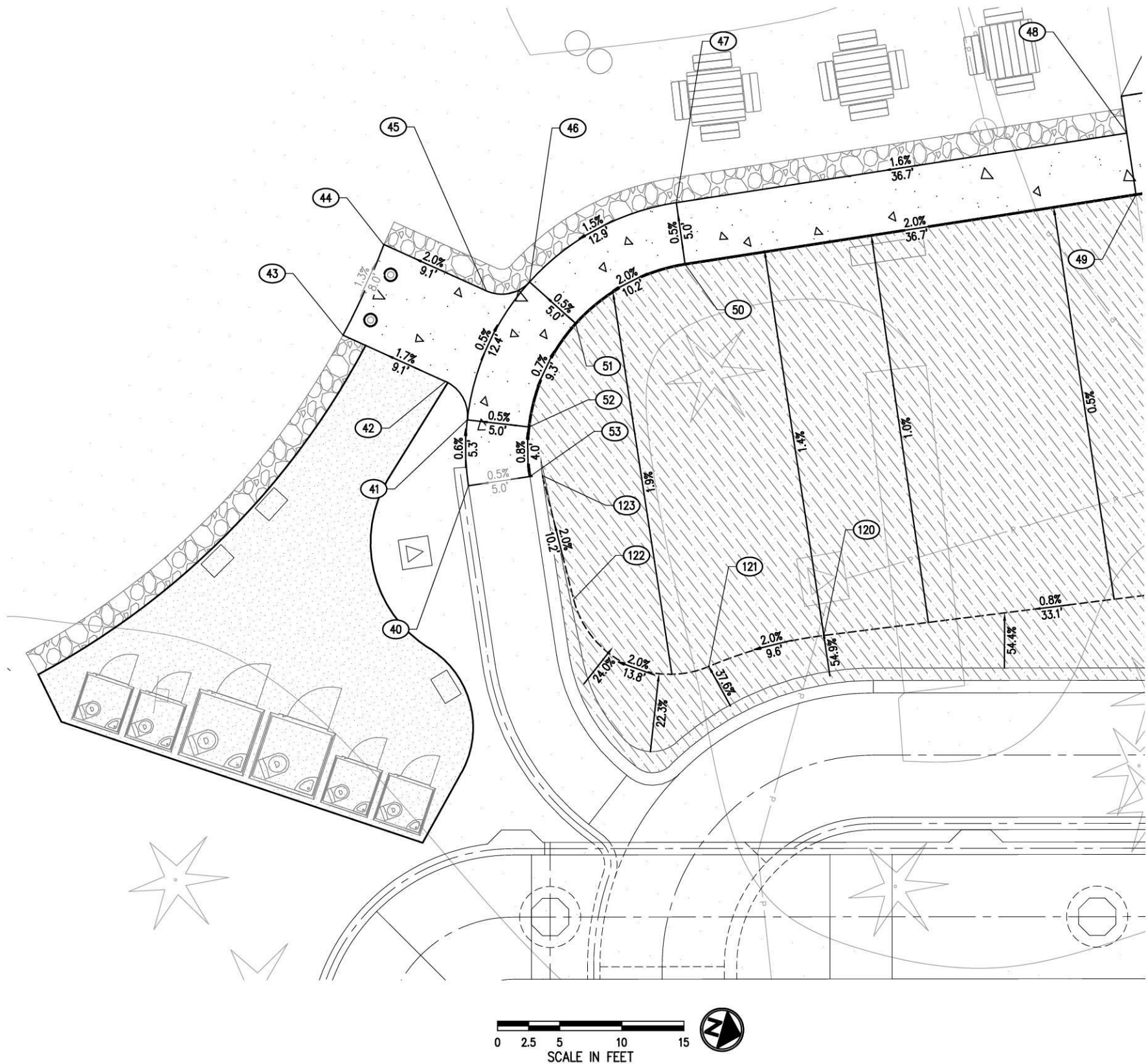
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

GRADING PLAN 01

SCALE: AS SHOWN	
FILENAME: 9VMS010200GRAD01	
PROJECT No: 9VMS010200	
SHEET: C-10	REV: B



GRADING GENERAL NOTES

1. CURB RAMPS AND DRIVEWAYS SHALL BE CONSTRUCTED TO MEET RUNNING AND CROSS SLOPES SHOWN.
2. CURB RAMPS, DRIVEWAY ENTRANCES, AND LANDINGS SHALL BE PLANAR WITH NO GRADE BREAKS.
3. USE DETECTABLE WARNING SURFACE (DWS) WHERE APPLICABLE. DWS SHALL BE INSTALLED PER WSDOT STD PLAN F-45.10.
4. CEMENT CONCRETE LANDINGS SHALL BE BRUSH FINISHED.

CONCRETE SIDEWALK LAYOUT POINTS

NUMBER	NORTHING	EASTING	ELEV	DESCRIPTION
40	137518.35	1345515.32	566.99	MATCH WEST RAMP ELEV, PC, R=20'
41	137517.56	1345510.08	566.33	GRADE BREAK, PRC, R=3'
42	137515.43	1345507.26	566.27	PT
43	137506.76	1345504.64	566.12	MATCH EXISTING
44	137509.07	1345497.01	566.02	MATCH EXISTING
45	137517.74	1345499.60	566.20	PC, R=3'
46	137521.08	1345498.43	566.27	GRADE BREAK, PRC, R=20'
47	137531.96	1345490.57	566.47	GRADE BREAK, PT
48	137567.15	1345480.30	567.23	AP
49	137568.53	1345485.11	567.25	GRADE BREAK
50	137533.30	1345495.38	566.50	PC, R=15'
51	137525.20	1345501.27	566.29	GRADE BREAK
52	137522.56	1345510.00	566.36	GRADE BREAK
53	137523.15	1345513.94	567.09	MATCH WEST RAMP ELEV, PT

PLAYGROUND LAYOUT POINTS

NUMBER	NORTHING	EASTING	FL ELEV	DESCRIPTION
120	137548.26	1345523.53	567.06	TOE OF SLOPE, PC, R=35'
121	137539.41	1345527.21	566.87	TOE OF SLOPE, PRC, R=8'
122	137527.92	1345523.27	566.60	TOE OF SLOPE, PT
123	137524.14	1345513.74	566.40	TOE OF SLOPE, END

LEGEND

- CEMENT CONCRETE SIDEWALK
- NEW ASPHALT PAVEMENT
- DETECTABLE WARNING SURFACE
- POURED-IN-PLACE SURFACING BY OTHERS (SEE SHEET URB-01)
- PROPOSED GRAVEL SURFACE (SEE SHEET URB-01)
- SAWCUT LINE
- CONSTRUCTION LIMITS

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ENGINEER OF RECORD

08/2026
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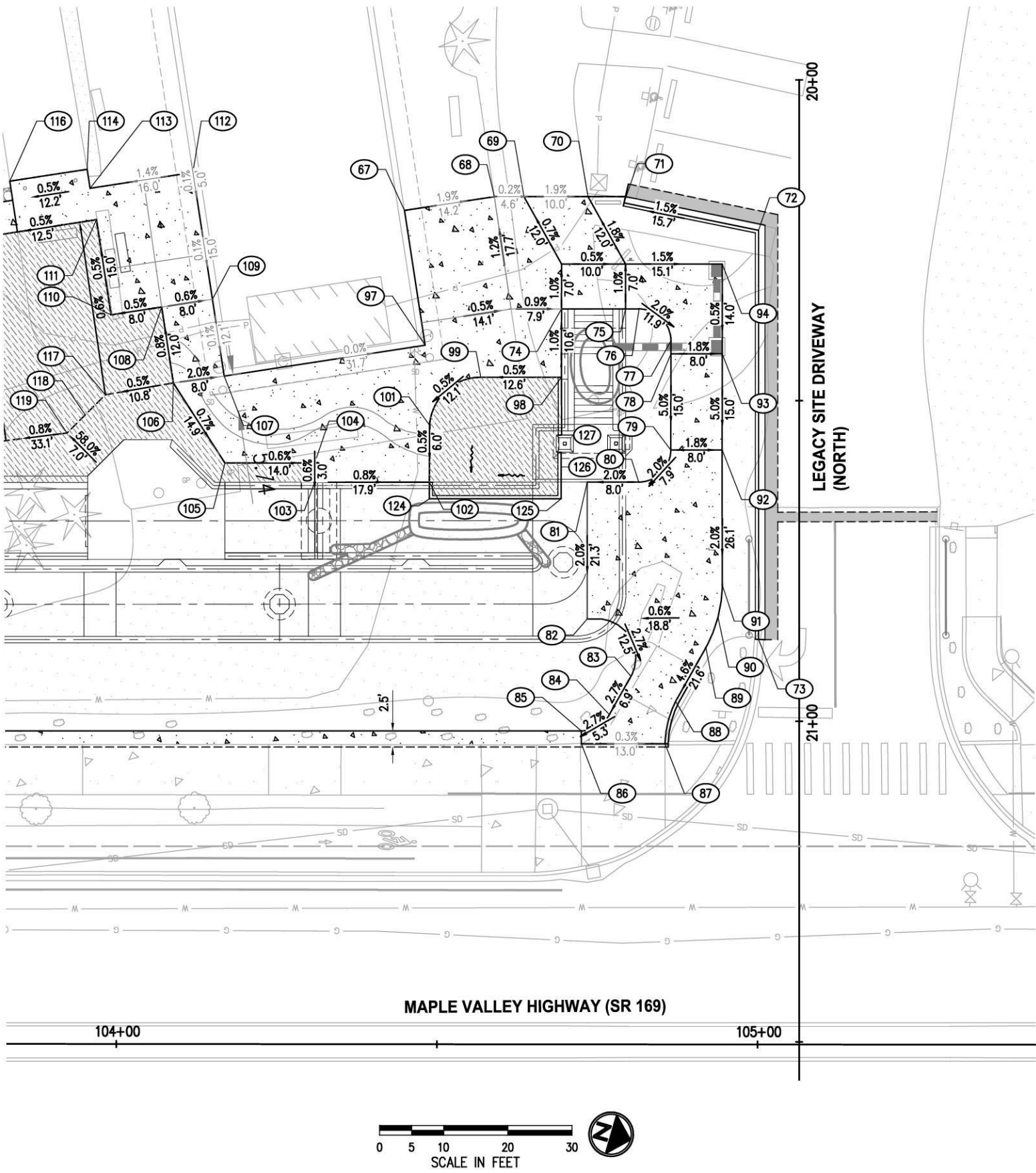
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

GRADING PLAN 02

SCALE: AS SHOWN	
FILENAME: 9VMS010200GRADING	
PROJECT No: 9VMS010200	
SHEET: C-11	REV: B



GRADING GENERAL NOTES

- 1. CURB RAMPS AND DRIVEWAYS SHALL BE CONSTRUCTED TO MEET RUNNING AND CROSS SLOPES SHOWN.
- 2. CURB RAMPS, DRIVEWAY ENTRANCES, AND LANDINGS SHALL BE PLANAR WITH NO GRADE BREAKS.
- 3. USE DETECTABLE WARNING SURFACE (DWS) WHERE APPLICABLE. DWS SHALL BE INSTALLED PER WSDOT STD PLAN F-45.10.
- 4. CEMENT CONCRETE LANDINGS SHALL BE BRUSH FINISHED.

CONCRETE PLAZA LAYOUT POINTS

NUMBER	NORTHING	EASTING	FL ELEV	DESCRIPTION
67	137627.94	1345473.91	567.34	MATCH EXISTING
68	137641.56	1345469.95	567.06	MATCH EXISTING, AP
69	137646.14	1345469.34	567.05	RAMP OPENING
70	137656.03	1345468.03	566.86	RAMP OPENING
71	137661.74	1345468.26	566.59	END CURB
72	137683.10	1345469.77	566.20	6" CURB, AP
73	137691.42	1345533.02	564.59	MATCH EXISTING
74	137654.22	1345485.94	567.24	MATCH STAIR ELEV
75	137664.13	1345484.63	567.16	MATCH STAIR ELEV
76	137666.21	1345484.36	567.13	PC, R=5'
77	137671.80	1345488.64	567.01	PT
78	137672.06	1345490.65	566.93	RAMP
79	137673.99	1345505.53	566.18	RAMP, PC, R=5'
80	137669.69	1345511.14	565.61	PT
81	137661.73	1345512.19	565.86	AP
82	137664.52	1345533.35	565.03	RAMP, PC, R=6'
83	137672.43	1345541.32	564.80	RAMP, PT
84	137669.87	1345547.68	564.87	RAMP, PC, R=5'
85	137665.89	1345550.77	564.73	PT, MATCH SIDEWALK
86	137666.15	1345552.76	564.57	MATCH EXISTING
87	137679.08	1345551.05	564.53	MATCH EXISTING, PC, R=15'
88	137679.85	1345544.30	564.85	PT
89	137683.43	1345535.37	565.28	PC, R=20'
90	137684.71	1345530.43	565.52	LANDING
91	137684.69	1345525.32	565.62	PT
92	137681.95	1345504.48	566.04	RAMP
93	137679.99	1345489.61	566.79	LANDING

CONCRETE PLAZA LAYOUT POINTS

NUMBER	NORTHING	EASTING	FL ELEV	DESCRIPTION
94	137678.16	1345475.72	566.86	AP, LANDING
97	137633.87	1345494.32	564.59	MATCH EXISTING
98	137655.61	1345496.48	567.31	AP, SLIDE PAD
99	137643.14	1345498.14	567.24	PC, R=8', SLIDE PAD
101	137636.20	1345506.61	567.18	PT, SLIDE PAD
102	137637.33	1345515.41	567.14	AP, SLIDE PAD
103	137619.59	1345517.76	566.82	AP, BRIDGE SLOPE TOE
104	137619.20	1345514.78	566.85	AP, BRIDGE SLOPE TOE
105	137605.32	1345516.62	566.99	AP, BRIDGE SLOPE TOE
106	137595.71	1345505.27	564.59	AP, BRIDGE SLOPE TOE
107	137603.43	1345503.17	564.59	MATCH EXISTING
108	137592.37	1345493.78	567.26	AP, CONCRETE PLAZA
109	137600.05	1345491.54	567.35	MATCH EXISTING
110	137584.69	1345496.02	567.11	AP, CONCRETE PLAZA
111	137580.50	1345481.62	567.19	AP, CONCRETE PLAZA
112	137594.46	1345472.32	564.59	MATCH EXISTING
113	137578.88	1345476.88	567.29	AP, CONCRETE PLAZA
114	137578.04	1345473.99	564.59	MATCH EXISTING
116	137566.32	1345477.41	564.59	MATCH EXISTING
117	137585.44	1345508.49	567.36	TOE OF SLOPE, AP
118	137582.74	1345512.01	567.43	BOTTOM OF SLIDE
119	137580.24	1345515.12	567.27	BOTTOM OF SLIDE
124	137637.66	1345517.98	567.13	AP, CURB
125	137658.03	1345515.28	567.54	AP, CURB
126	137657.11	1345508.26	570.95	CURB END
127	137656.80	1345505.44	570.07	CURB BEGIN

LEGEND

- CEMENT CONCRETE SIDEWALK
- NEW ASPHALT PAVEMENT
- DETECTABLE WARNING SURFACE
- POURED-IN-PLACE SURFACING BY OTHERS (SEE SHEET URB-01)
- PROPOSED GRAVEL SURFACE (SEE SHEET URB-01)
- SAWCUT LINE
- CONSTRUCTION LIMITS

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CONSTRUCTION

REVISIONS			
REV	DATE	DESCRIPTION	BY
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PREPARED UNDER THE DIRECTION OF

KARINA FRANADA, PE
ENGINEER OF RECORD

09/2026
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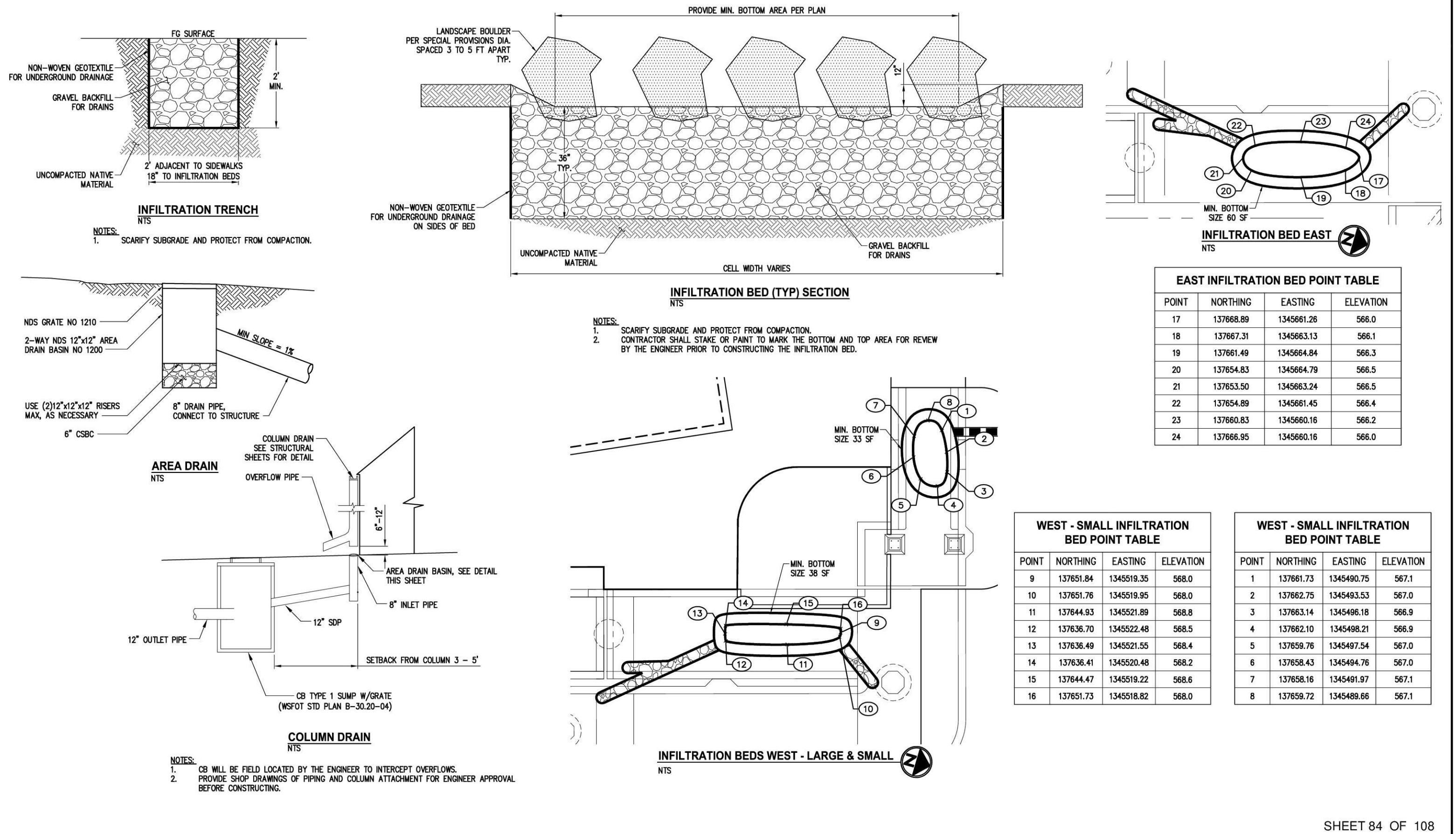
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

GRADING PLAN 03

SCALE: AS SHOWN	
FILENAME: 9VMS010200GRADING	
PROJECT NO: 9VMS010200	
SHEET: C-12	REV: B



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REV	DATE	DESCRIPTION	BY
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PREPARED UNDER THE DIRECTION OF

BRIAN TAYLOR
ENGINEER OF RECORD

09/2026
DATE

BRIAN L. TAYLOR
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
09-10-2026

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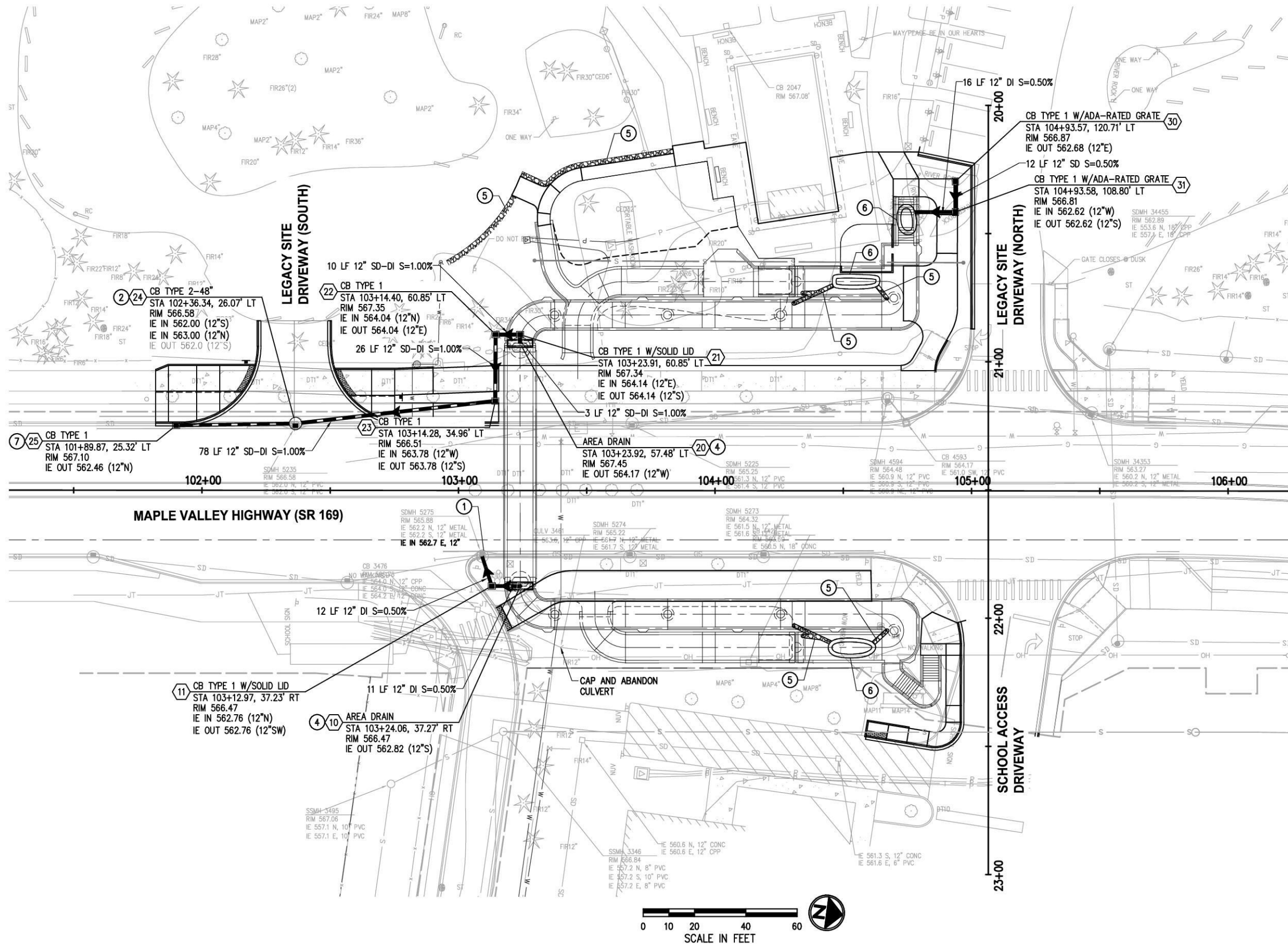
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CITY OF MAPLE VALLEY

CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

STORMWATER DETAILS

SCALE: AS SHOWN
FILENAME: 9VMS010200SD001
PROJECT No:
9VMS010200
SHEET:
C-13
REV:
B



GENERAL NOTES

1. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE WHEN TRENCHING ACROSS OR BESIDE EXISTING UTILITIES.
2. TYPE 1 CATCH BASINS SHALL CONFORM TO WSDOT STANDARD PLAN B-5.20-03.
3. STATION/OFFSET CALLOUTS AND RIM ELEVATIONS PROVIDED ARE FOR THE CENTER OF THE DRAINAGE STRUCTURE.
4. TYPICAL TRENCH AND BACKFILL FOR STORM DRAIN PIPE INSTALLATION SHALL BE PER WSDOT STANDARD PLAN B-55.20-03.
5. STORM PIPES SHALL BE SCHEDULE A PER WSDOT STANDARD SPECS AND PVC SHALL NOT BE ALLOWED WITH COVER LESS THAN 3 FT.
6. ALL STORMWATER FACILITIES, CATCH BASINS, AND CONVEYANCE SHALL BE CLEANED FOR CITY INSPECTION AND FINAL ACCEPTANCE.

CONSTRUCTION NOTES

- 1 CONNECT NEW STORM DRAIN PIPE TO EXISTING STRUCTURE
- 2 CONNECT EXISTING STORM DRAIN PIPE TO NEW STRUCTURE
- 4 INSTALL COLUMN DRAIN. SEE DETAIL C-13.
- 5 INSTALL INFILTRATION TRENCH, SEE DETAIL SHEET C-13.
- 6 INSTALL INFILTRATION BED. SEE DETAIL C-13.
- 7 CONNECT PROPOSED STRUCTURE TO EXISTING PIPE AND MATCH EXISTING PIPE ELEVATIONS.

LEGEND

- STORM DRAIN PIPE PER WSDOT STD PLAN B-55.20-03
- DIRECTIONAL FLOW ARROW
- CATCH BASIN TYPE 2 PER WSDOT STD PLAN B-10.20-03
- CATCH BASIN TYPE 1 & TYPE 1L PER WSDOT STD PLAN B-5.20-03 & B-5.40-02

SHEET 85 OF 108

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BRIAN TAYLOR
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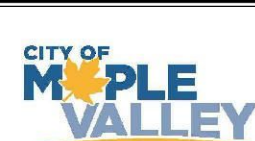
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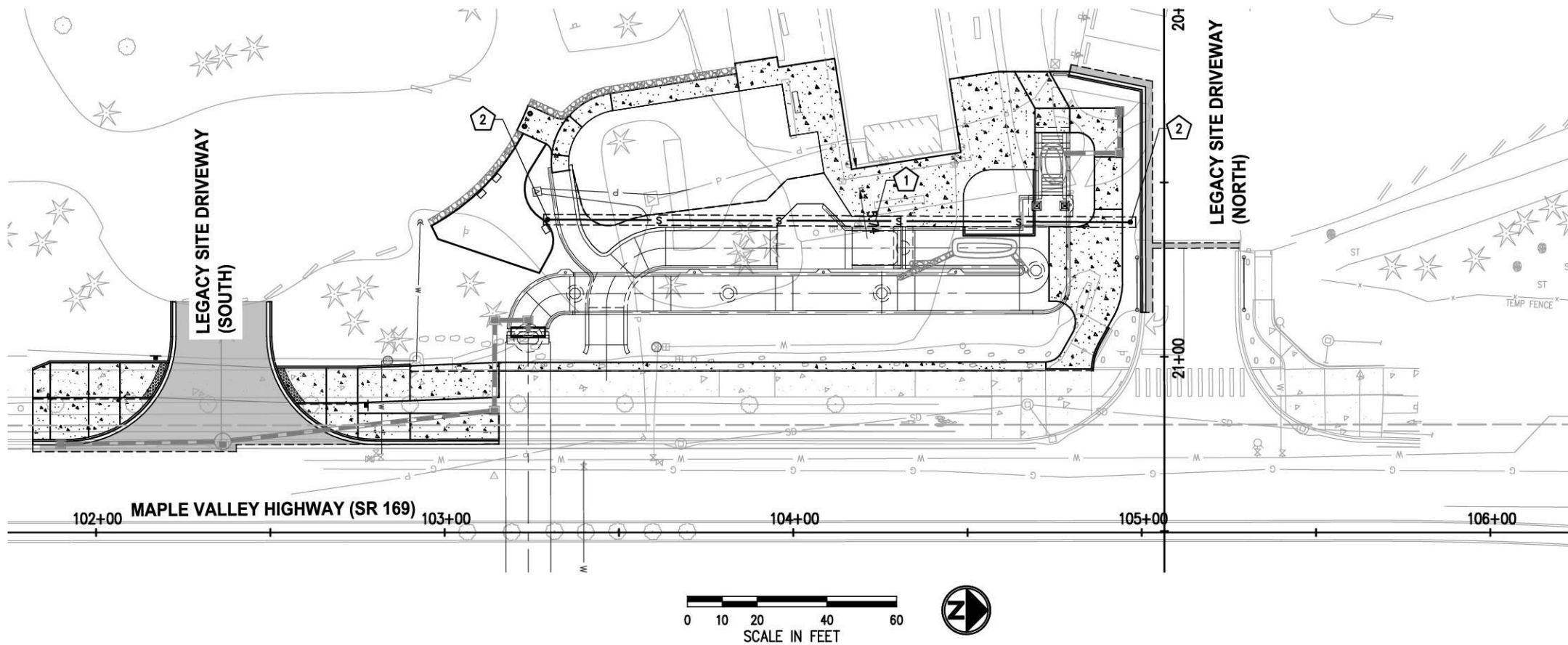
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

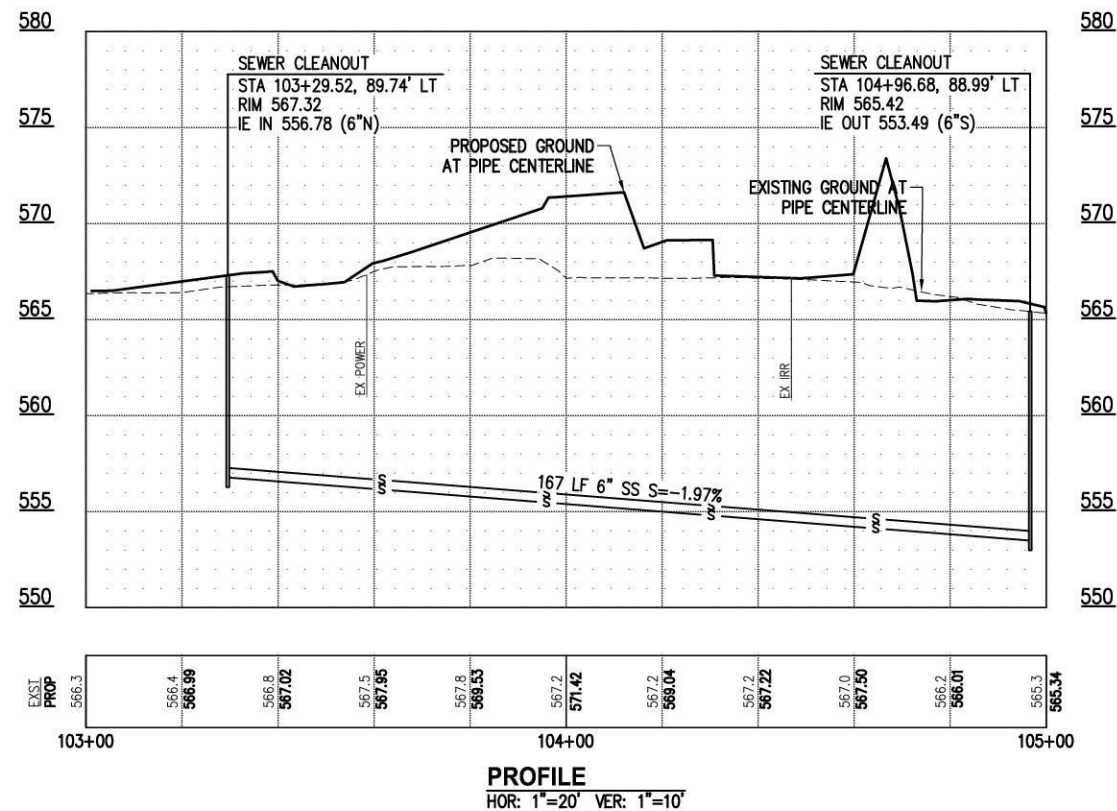
STORMWATER PLAN

SCALE: AS SHOWN
FILENAME: 9VMS010200SD01
PROJECT No:
9VMS010200
SHEET:
C-14
REV:
B



- ### GENERAL NOTES
1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH SOOS CREEK WATER & SEWER DISTRICT AND THE DEPARTMENT OF ECOLOGY CRITERIA FOR SEWAGE WORK DESIGN.
 2. THE SANITARY SEWER PIPE SHALL BE PVC, CONFORMING TO ASTM D-3034, SDR 35, UNLESS OTHERWISE SPECIFIED. BEDDING AND BACKFILL SHALL BE AS REQUIRED BY SOOS CREEK WATER & SEWER DISTRICT.
 3. THE LOACTIONS AND SIZED OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY FROM INFORMATION OF RECORD. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND SIZE OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREE TO BE RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
 4. COMPACTION OF SUBGRADE FOR ALL WORK SHALL COMPLY WITH COMPACTION REQUIREMENTS FOR KING COUNTY MAINTAINED ROADWAYS.

- ### CONSTRUCTION NOTES
- 1 INSTALL 6" SANITARY SEWER PIPE PER SCWSD STD PLAN S-29, TYPICAL TRENCH - OUTSIDE ROADWAYS.
- 2 INSTALL 8" SANITARY SEWER CLEANOUT PER SCWSD STD PLAN S-30.



- ### LEGEND
- s — PROPOSED SEWER PIPE
 - SEWER CLEANOUT
 - s — EXISTING SEWER
 - SS — SS — EXISTING SIDE SEWER
 - # STRUCTURE NUMBER

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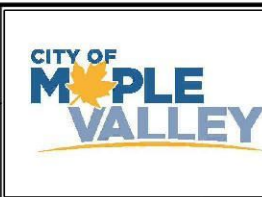
KARINA FRANADA, PE
ENGINEER OF RECORD

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SEWER PLAN AND PROFILE

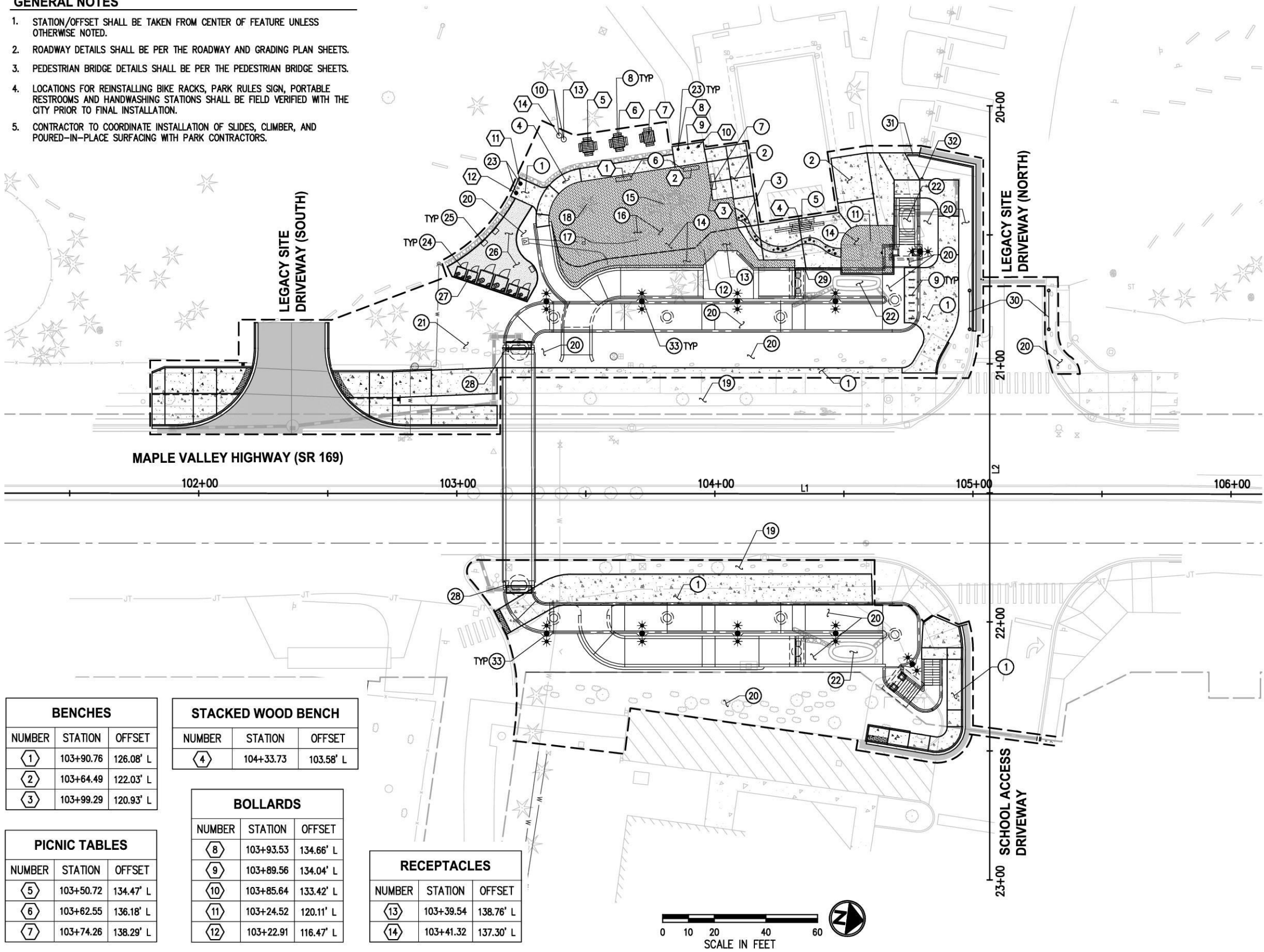
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FILENAME: 9VMS010200SEWR1	
PROJECT No: 9VMS010200	
SHEET: C-15	REV: B

GENERAL NOTES

1. STATION/OFFSET SHALL BE TAKEN FROM CENTER OF FEATURE UNLESS OTHERWISE NOTED.
2. ROADWAY DETAILS SHALL BE PER THE ROADWAY AND GRADING PLAN SHEETS.
3. PEDESTRIAN BRIDGE DETAILS SHALL BE PER THE PEDESTRIAN BRIDGE SHEETS.
4. LOCATIONS FOR REINSTALLING BIKE RACKS, PARK RULES SIGN, PORTABLE RESTROOMS AND HANDWASHING STATIONS SHALL BE FIELD VERIFIED WITH THE CITY PRIOR TO FINAL INSTALLATION.
5. CONTRACTOR TO COORDINATE INSTALLATION OF SLIDES, CLIMBER, AND POURED-IN-PLACE SURFACING WITH PARK CONTRACTORS.

CONSTRUCTION NOTES

- ① CEMENT CONC SIDEWALK, PER ROADWAY & GRADING PLAN AND DETAIL SHEET C-01.
- ② CEMENT CONC SIDEWALK WITH PLAZA TREATMENT, PER ROADWAY AND GRADING PLAN AND DETAIL SHEETS URB-02 AND URB-03.
- ③ DECORATIVE SURFACE TREATMENT PER DETAILS, SHEETS URB-02 AND URB-03.
- ④ CEMENT CONCRETE SIDEWALK WITH THICKENED EDGE PER SECTION, SHEET C-01.
- ⑤ INSTALL STACKED WOOD BENCH STRUCTURE PER DETAIL, SHEET URB-04, AND MANUFACTURER SPECIFICATIONS.
- ⑥ INSTALL WOOD BENCH PER DETAIL, SHEET URB-04, AND MANUFACTURER SPECIFICATIONS.
- ⑦ REINSTALL EXISTING WOOD BENCH (1 TOTAL).
- ⑧ INSTALL PICNIC TABLE PER DETAIL, SHEET URB-05, AND MANUFACTURER SPECIFICATIONS.
- ⑨ REINSTALL EXISTING BIKE RACKS (7 TOTAL) PER SURFACE MOUNT DETAIL, SHEET URB-05. ENGINEER TO FIELD VERIFY LOCATION AND ORIENTATION OF BIKE RACKS PRIOR TO INSTALLATION.
- ⑩ LITTER/RECYCLING RECEPTACLE (TO BE PROVIDED BY CITY). SEE SURFACE MOUNT DETAIL, SHEET URB-05.
- ⑪ SPIRAL SLIDE; TO BE PROVIDED AND INSTALLED BY OTHERS.
- ⑫ EMBANKMENT SLIDE; TO BE PROVIDED AND INSTALLED BY OTHERS.
- ⑬ EMBANKMENT CLIMB; TO BE PROVIDED AND INSTALLED BY OTHERS.
- ⑭ POURED-IN-PLACE SAFETY SURFACING; TO BE PROVIDED AND INSTALLED BY OTHERS.
- ⑮ POST AND PLATFORM NATURE PLAY STRUCTURE; TO BE PROVIDED AND INSTALLED BY OTHERS.
- ⑯ NATURE PLAY ELEMENTS; TO BE PROVIDED AND INSTALLED BY OTHERS.
- ⑰ SPINNER PLAY ELEMENT; TO BE PROVIDED AND INSTALLED BY OTHERS.
- ⑱ TREE STUMP THRONE; TO BE CARVED FROM EXISTING TREE BY OTHERS.
- ⑲ ROADWAY PLANTER AREA PER LANDSCAPE SHEETS LS-01 - LS-06.
- ⑳ PLANTER AREA PER LANDSCAPE SHEETS LS-01 - LS-06.
- ㉑ MULCH AREA PER LANDSCAPE PLAN, SHEET LS-01.
- ㉒ INFILTRATION BED PER STORMWATER PLAN, SHEET C-14.
- ㉓ REMOVABLE BOLLARD PER WSDOT STANDARD PLAN H-60.10.01.
- ㉔ REINSTALL EXISTING PORTABLE RESTROOMS (6 TOTAL).
- ㉕ REINSTALL EXISTING HANDWASHING STATIONS (3 TOTAL).
- ㉖ GRAVEL AREA PER DETAIL, SHEET URB-03.
- ㉗ PORTABLE RESTROOM ENCLOSURE FENCE PER DETAIL, SHEET URB-06.
- ㉘ BRIDGE PLANTER SEE DETAIL URB-05; SEE STRUCTURAL PLANS/DETAILS FOR BRIDGE ATTACHMENT.
- ㉙ WOOD POST AND RAIL FENCE PER DETAIL, SHEET URB-06.
- ㉚ EXISTING ENTRANCE GATE.
- ㉛ REINSTALL PARK RULES SIGN (1 TOTAL).
- ㉜ PET WASTE BAG DISPENSER PER DETAIL, SHEET URB-06.
- ㉝ PEDESTRIAN LUMINAIRE, TYP.



BENCHES		
NUMBER	STATION	OFFSET
①	103+90.76	126.08' L
②	103+64.49	122.03' L
③	103+99.29	120.93' L

STACKED WOOD BENCH		
NUMBER	STATION	OFFSET
④	104+33.73	103.58' L

PICNIC TABLES		
NUMBER	STATION	OFFSET
⑤	103+50.72	134.47' L
⑥	103+62.55	136.18' L
⑦	103+74.26	138.29' L

BOLLARDS		
NUMBER	STATION	OFFSET
⑧	103+93.53	134.66' L
⑨	103+89.56	134.04' L
⑩	103+85.64	133.42' L
⑪	103+24.52	120.11' L
⑫	103+22.91	116.47' L

RECEPTACLES		
NUMBER	STATION	OFFSET
⑬	103+39.54	138.76' L
⑭	103+41.32	137.30' L



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ENGINEER OF RECORD

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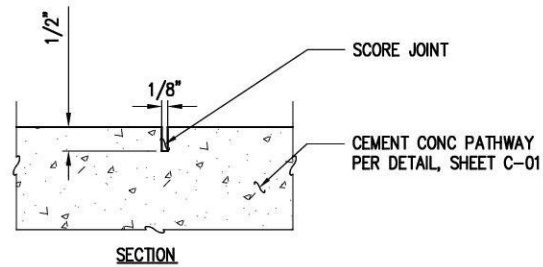
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

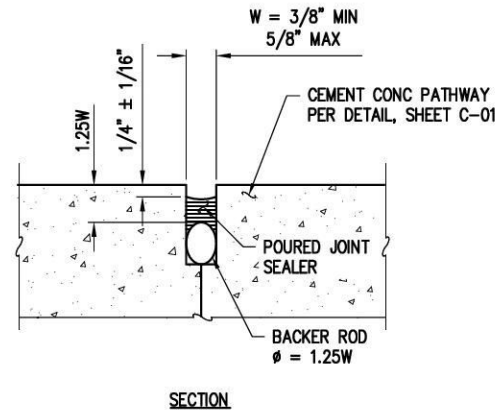
URBAN DESIGN PLAN

SCALE: AS SHOWN	
FILENAME: 9VMS010200URB01	
PROJECT No: 9VMS010200	
SHEET: URB-01	REV: B

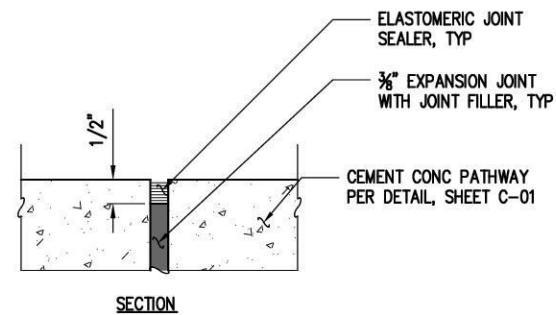


NOTE: CLEAN SCORE JOINT BY SAWCUT ONLY. NO RADIUS ON EDGE. NO SMOOTH FLANGE TOOLING ON EITHER SIDE OF JOINT.

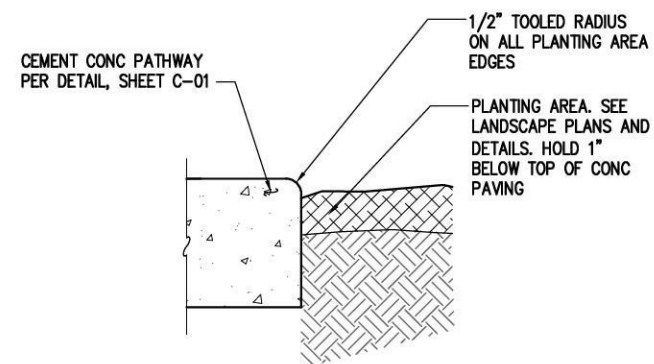
SCORE JOINT DETAIL
NTS



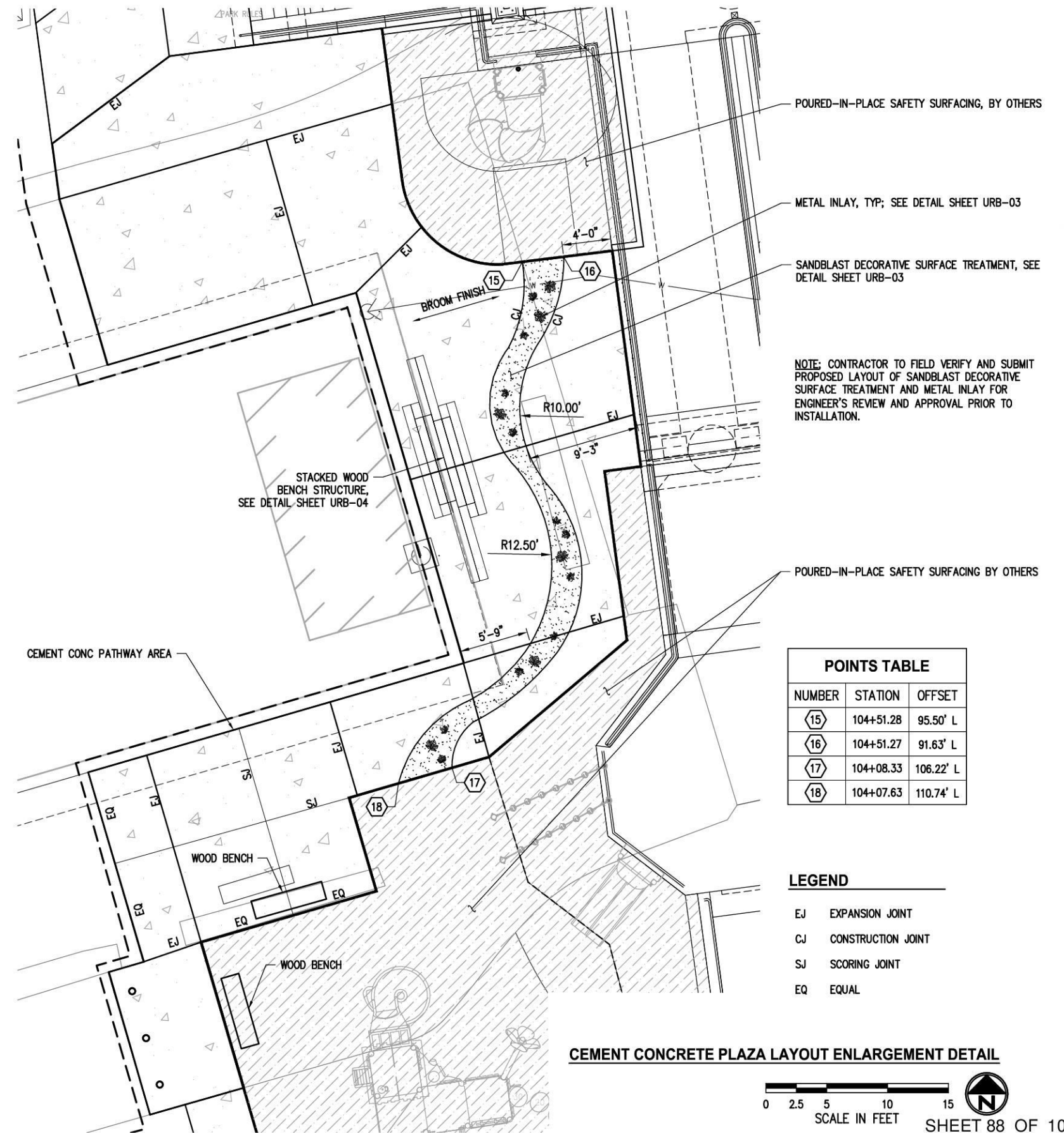
CONSTRUCTION JOINT DETAIL
NTS



EXPANSION JOINT DETAIL
NTS



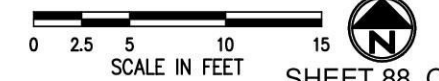
CONCRETE EDGE DETAIL
NTS



POINTS TABLE		
NUMBER	STATION	OFFSET
15	104+51.28	95.50' L
16	104+51.27	91.63' L
17	104+08.33	106.22' L
18	104+07.63	110.74' L

LEGEND	
EJ	EXPANSION JOINT
CJ	CONSTRUCTION JOINT
SJ	SCORING JOINT
EQ	EQUAL

CEMENT CONCRETE PLAZA LAYOUT ENLARGEMENT DETAIL



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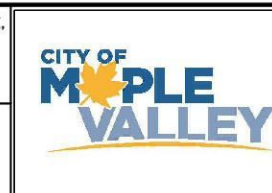
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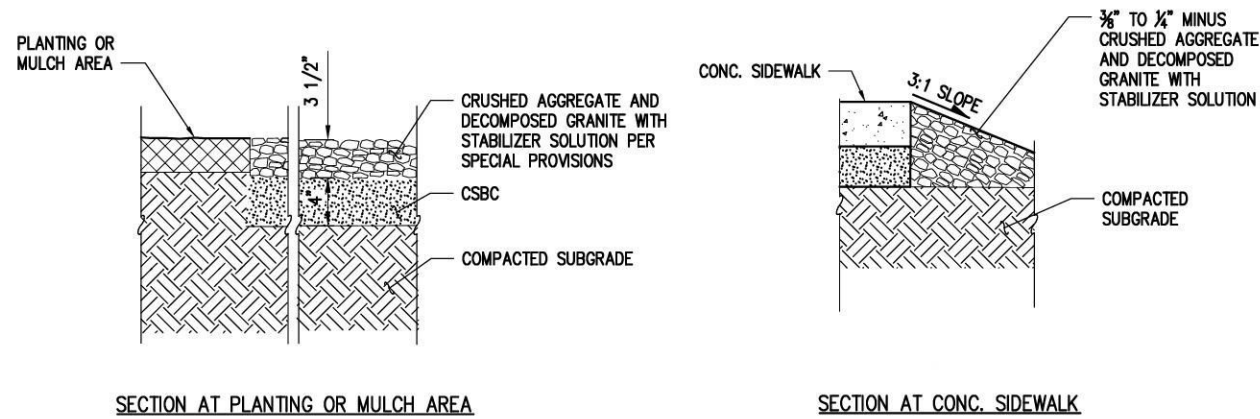
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CITY OF MAPLE VALLEY
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URBAN DESIGN DETAILS

SCALE: AS SHOWN	
FILENAME: 9VMS010200JDD01	
PROJECT No:	
9VMS010200	
SHEET:	REV:
URB-02	B



GRAVEL AREA DETAIL

NTS

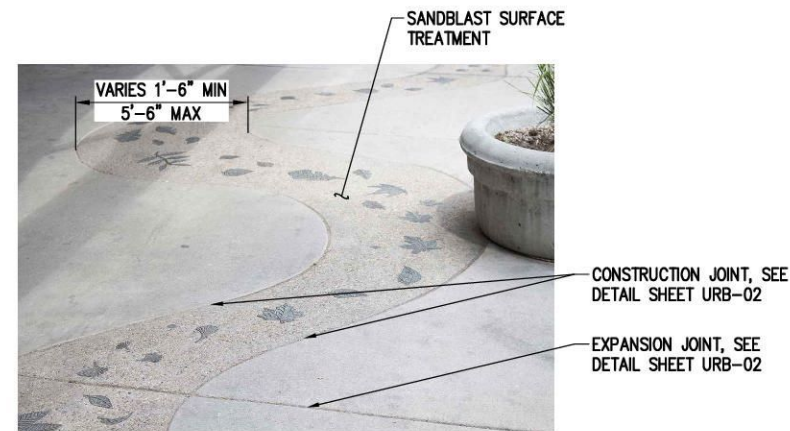
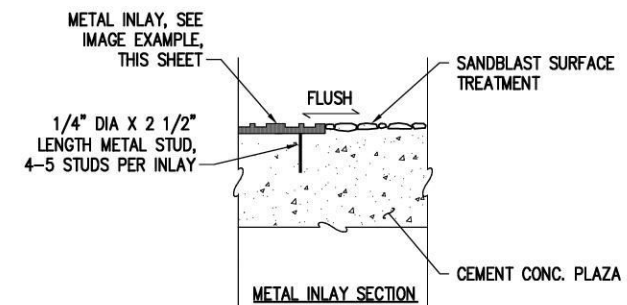


IMAGE EXAMPLE OF SURFACE TREATMENT

NOTE: ENGINEER TO FIELD VERIFY DECORATIVE SURFACE TREATMENT LAYOUT PRIOR TO INSTALLATION.

DECORATIVE SURFACE TREATMENT AT CEMENT CONC. PLAZA

NTS

1/4" THICK CAST BRONZE METAL INLAY, TYP. RANGING FROM 8" TO 12" BY 8" TO 12" IN SIZE (18 TOTAL)



IMAGE EXAMPLE OF METAL INLAY

NOTE: ENGINEER TO FIELD VERIFY LOCATION AND ORIENTATION OF METAL INLAY ELEMENTS PRIOR TO INSTALLATION.

METAL INLAY DETAIL

NTS

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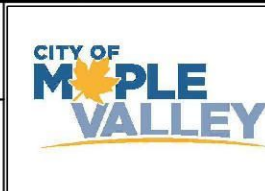
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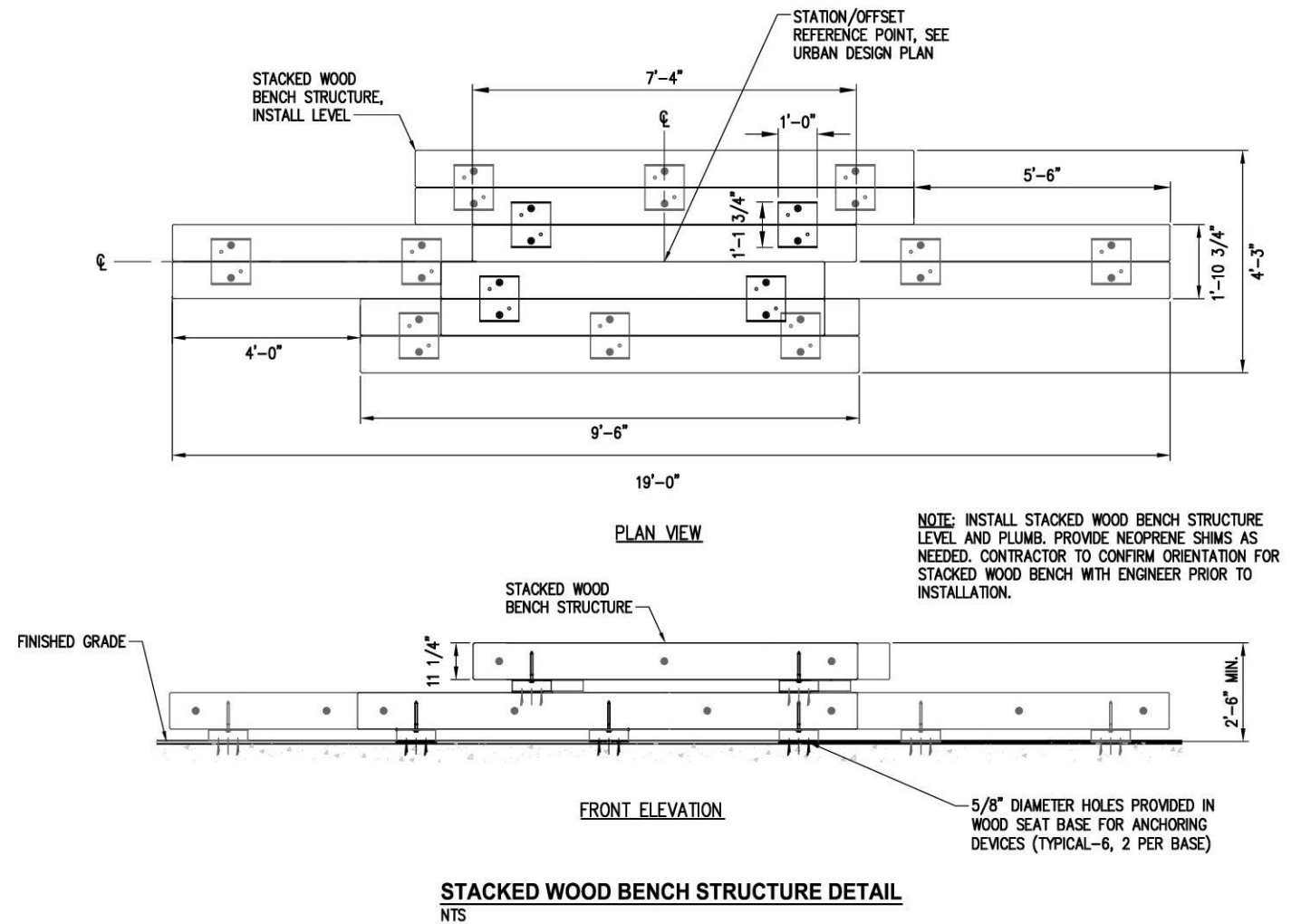
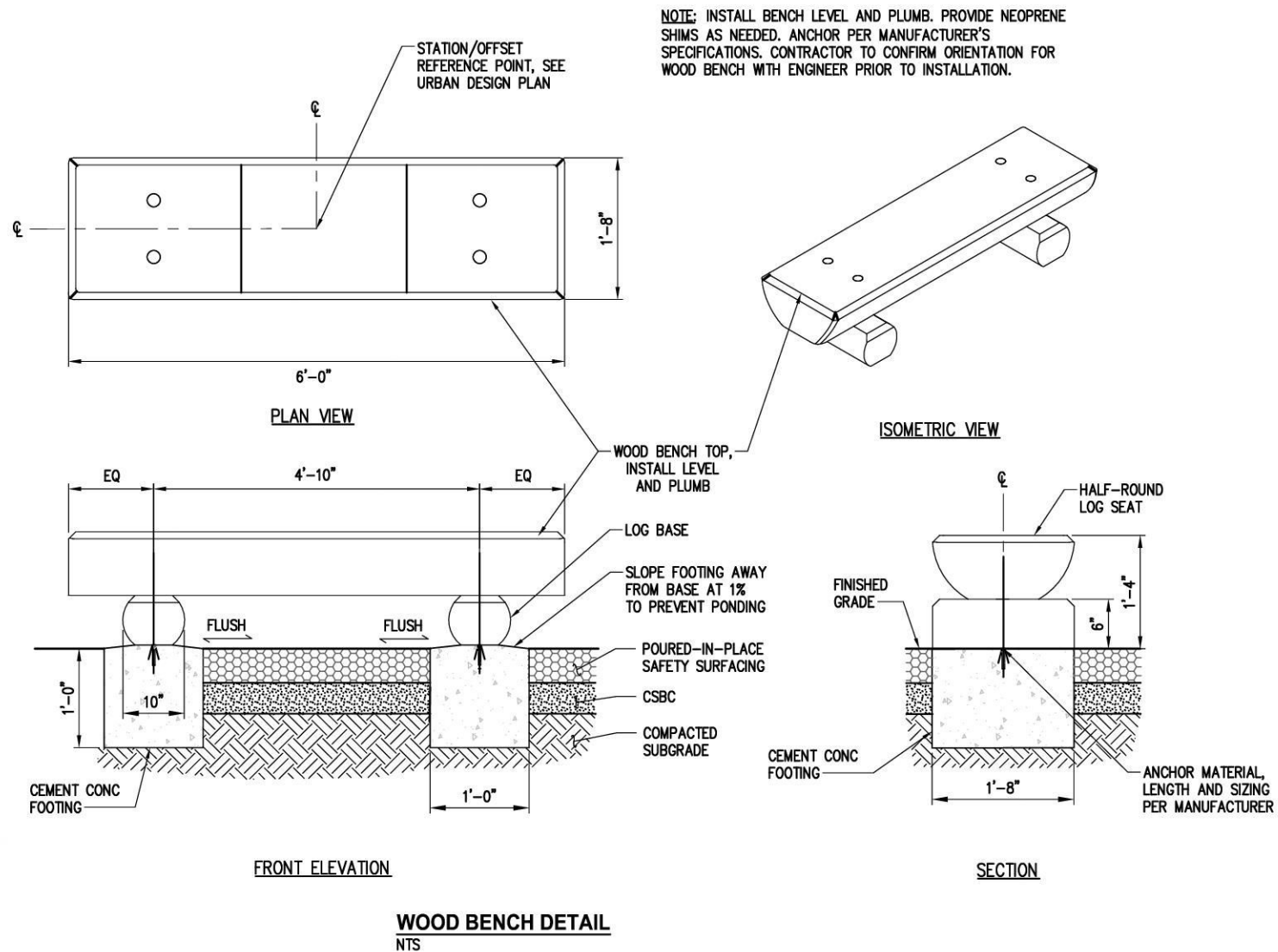
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URBAN DESIGN DETAILS

SCALE: AS SHOWN	
FILENAME: 9VMS010200JDD01	
PROJECT No: 9VMS010200	
SHEET: URB-03	REV: B



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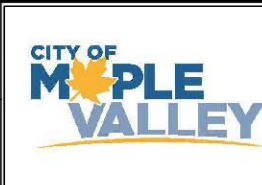
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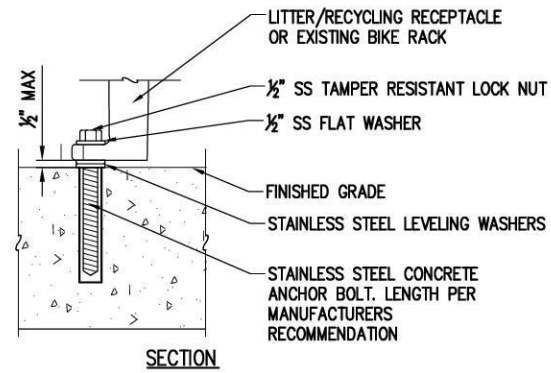
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URBAN DESIGN DETAILS

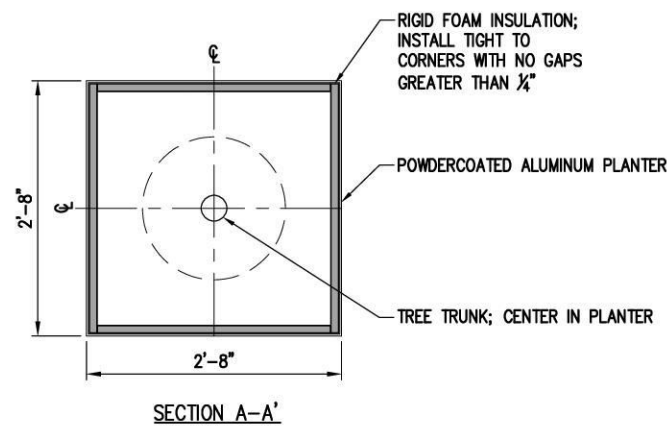
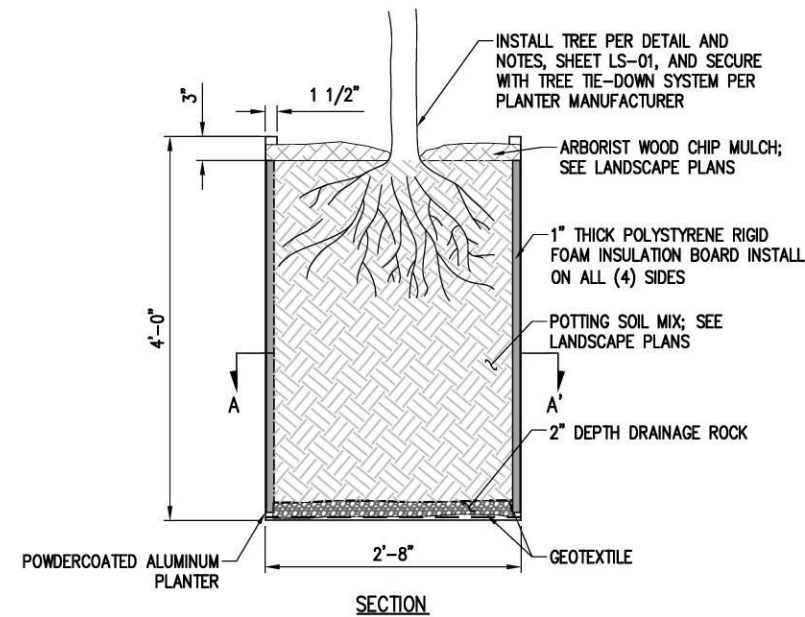
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PROJECT No: 9VMS010200	
SHEET: URB-04	REV: B



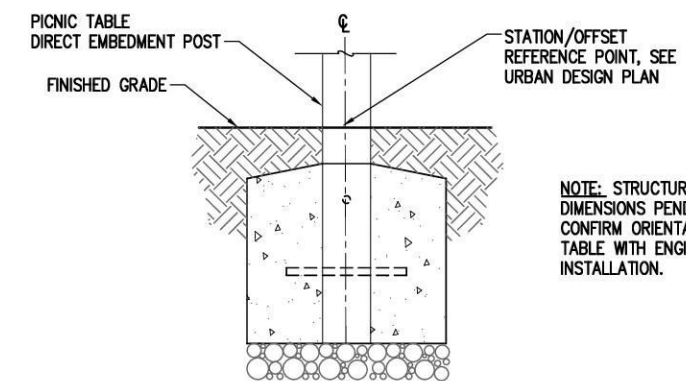
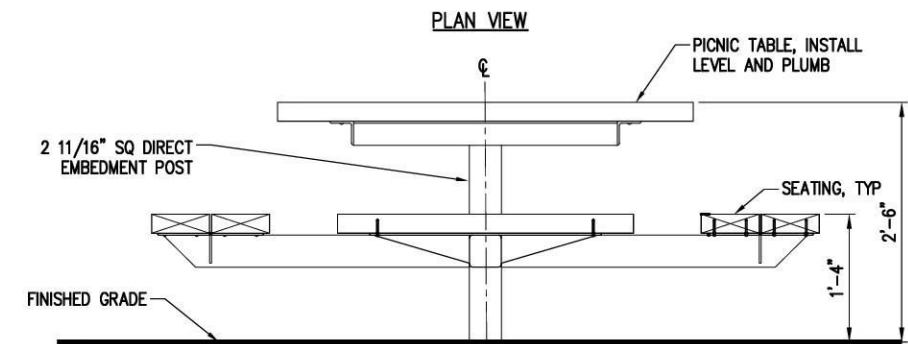
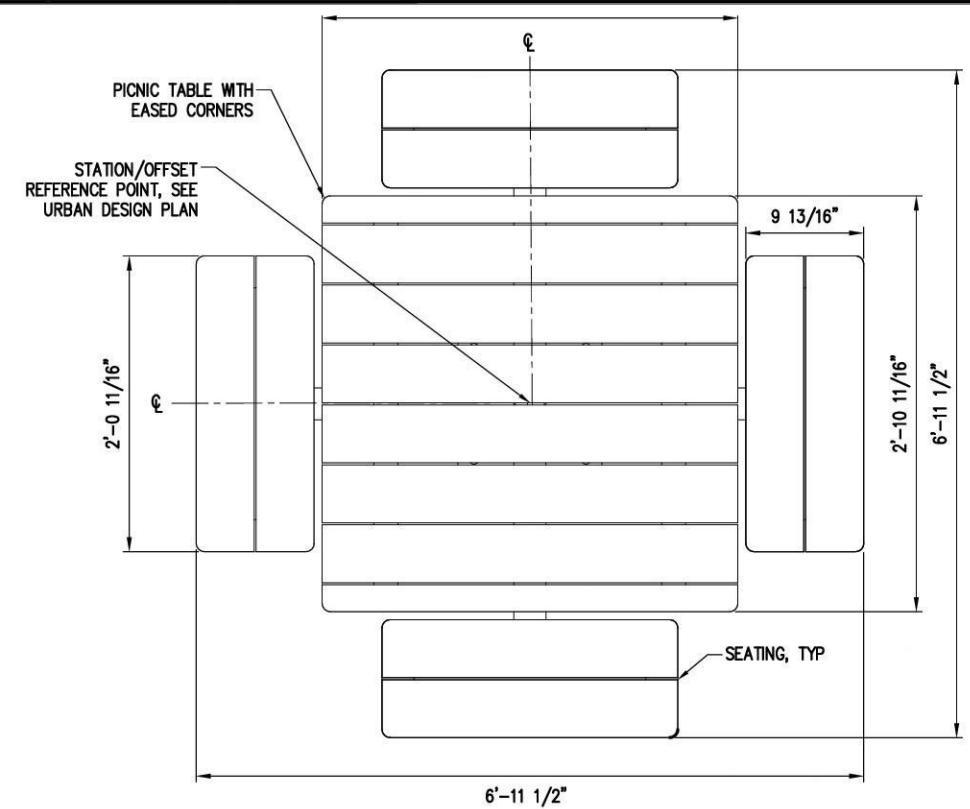
NOTES:

1. INSTALL LITTER/RECYCLING RECEPTACLES AND BIKE RACKS LEVEL AND PLUMB.
2. ENGINEER TO FIELD VERIFY LOCATION AND ORIENTATION OF RECEPTACLES AND BIKE RACKS PRIOR TO INSTALLATION.

SURFACE MOUNT DETAIL
NTS



BRIDGE PLANTER INFILL DETAIL
NTS



PICNIC TABLE DETAIL
NTS

NOTE: STRUCTURAL DESIGN FOR FOOTING DIMENSIONS PENDING. CONTRACTOR TO CONFIRM ORIENTATION FOR EACH PICNIC TABLE WITH ENGINEER PRIOR TO INSTALLATION.

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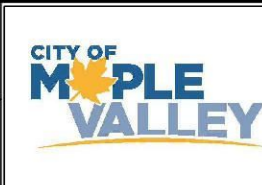
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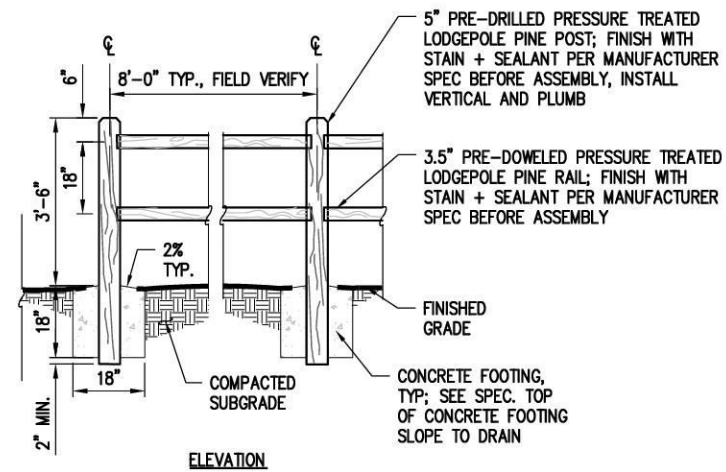
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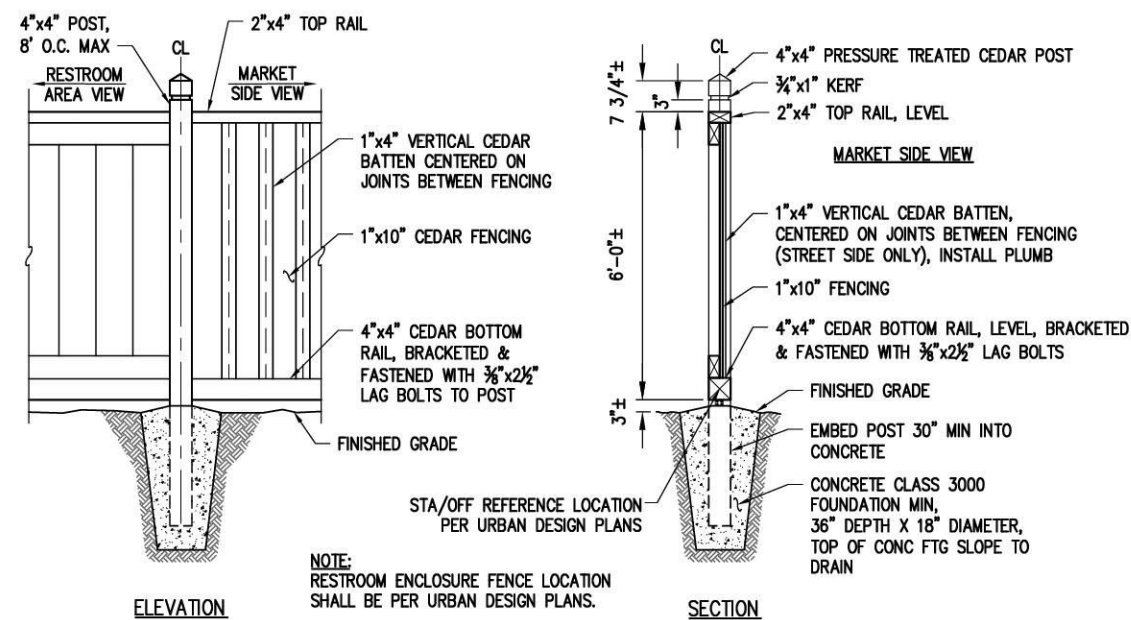
CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

URBAN DESIGN DETAILS

SCALE: AS SHOWN	
FILENAME: 9VMS010200JDD01	
PROJECT No: 9VMS010200	
SHEET: URB-05	REV: B

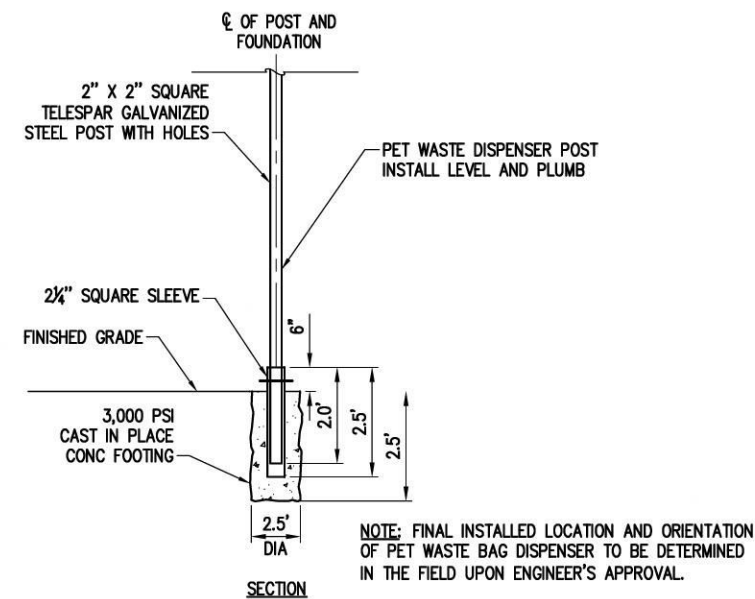


WOOD POST AND RAIL FENCE DETAIL
NTS



PORTABLE RESTROOM ENCLOSURE FENCE DETAIL

NTS



PET WASTE BAG DISPENSER INSTALLATION DETAIL

[illegible]

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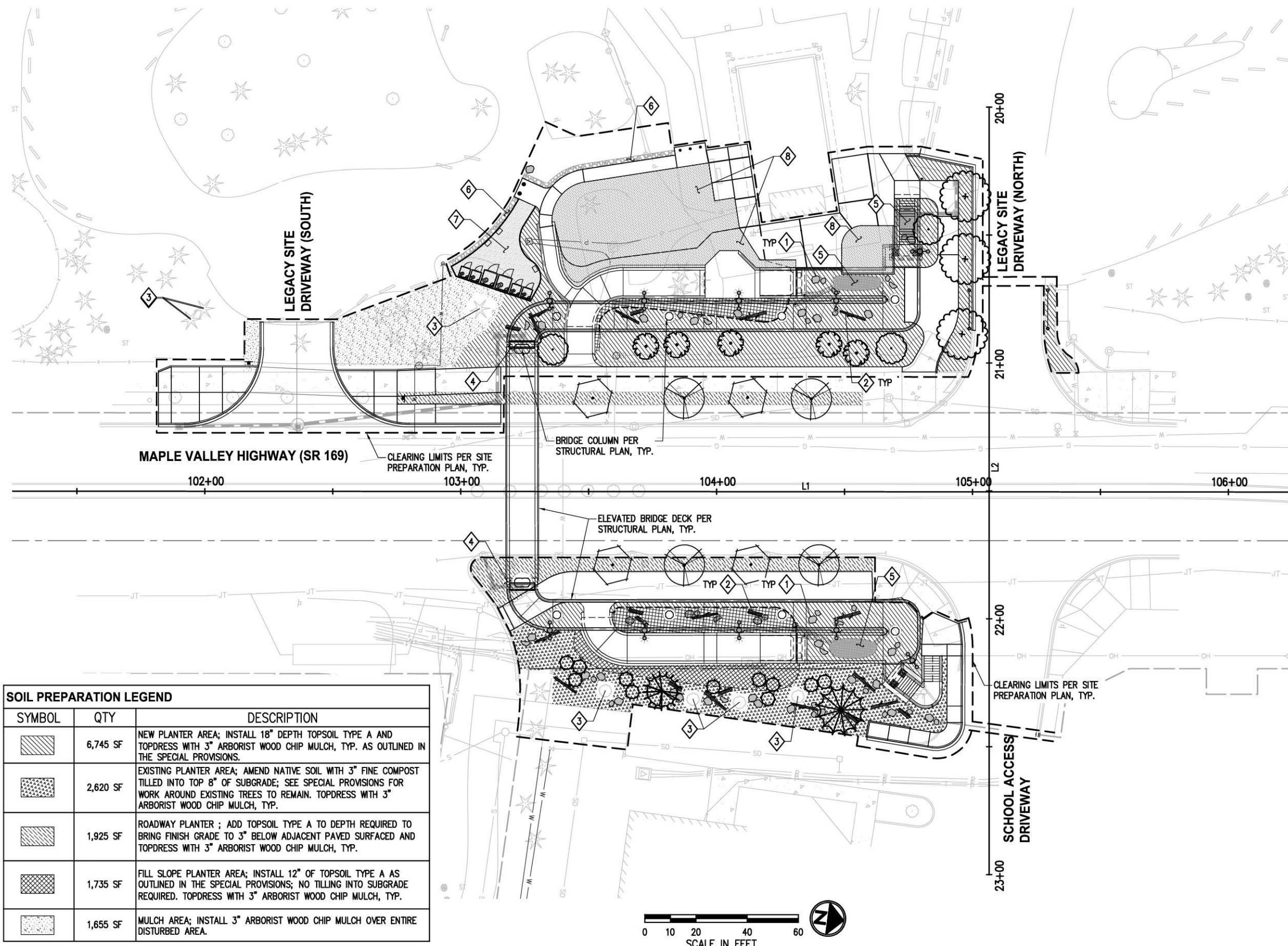
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URBAN DESIGN DETAILS

SCALE: AS SHOWN	
FILENAME: 9VMS010200UDD01	
PROJECT No: 9VMS010200	
SHEET: URB-06	REV: B



- SOIL PREPARATION NOTES**
- SEE SPECIAL PROVISIONS FOR SUBGRADE PREPARATION AND INCORPORATION OF SOIL AMENDMENTS INTO SUBGRADE.
 - NO SCARIFICATION OF SUBGRADE OR TILLING OF SOIL ALLOWED WITHIN LIMITS OF TREE PROTECTION FENCING OR IN ANY AREAS WITH SIGNIFICANT TREE ROOTS; SEE TREE PROTECTION DETAIL, SHEET LS-05.

- CONSTRUCTION NOTES**
- LANDSCAPE BOULDER, INSTALL PER DETAIL, SHEET LS-06.
 - LANDSCAPE LOG, INSTALL PER DETAIL, SHEET LS-06.
 - EXISTING TREE TO REMAIN; SAVE AND PROTECT PER DETAIL, SHEET LS-05.
 - BRIDGE PLANTER PER STRUCTURAL PLANS/DETAILS; INSTALL POTTING SOIL MIX TO 3" BELOW RIM OF PLANTER AND TOPDRESS WITH 2" ARBORIST WOOD CHIP MULCH.
 - INFILTRATION BED, PER STORMWATER PLAN AND DETAILS.
 - INFILTRATION TRENCH PER STORMWATER PLAN AND DETAILS.
 - GRAVEL AREA PER URBAN DESIGN PLAN AND DETAILS.
 - POURED-IN-PLACE SAFETY SURFACING PER URBAN DESIGN PLAN AND DETAILS, BY OTHERS.

SOIL PREPARATION LEGEND		
SYMBOL	QTY	DESCRIPTION
	6,745 SF	NEW PLANTER AREA; INSTALL 18" DEPTH TOPSOIL TYPE A AND TOPDRESS WITH 3" ARBORIST WOOD CHIP MULCH, TYP. AS OUTLINED IN THE SPECIAL PROVISIONS.
	2,620 SF	EXISTING PLANTER AREA; AMEND NATIVE SOIL WITH 3" FINE COMPOST TILLED INTO TOP 8" OF SUBGRADE; SEE SPECIAL PROVISIONS FOR WORK AROUND EXISTING TREES TO REMAIN. TOPDRESS WITH 3" ARBORIST WOOD CHIP MULCH, TYP.
	1,925 SF	ROADWAY PLANTER ; ADD TOPSOIL TYPE A TO DEPTH REQUIRED TO BRING FINISH GRADE TO 3" BELOW ADJACENT PAVED SURFACED AND TOPDRESS WITH 3" ARBORIST WOOD CHIP MULCH, TYP.
	1,735 SF	FILL SLOPE PLANTER AREA; INSTALL 12" OF TOPSOIL TYPE A AS OUTLINED IN THE SPECIAL PROVISIONS; NO TILLING INTO SUBGRADE REQUIRED. TOPDRESS WITH 3" ARBORIST WOOD CHIP MULCH, TYP.
	1,655 SF	MULCH AREA; INSTALL 3" ARBORIST WOOD CHIP MULCH OVER ENTIRE DISTURBED AREA.

SEE SHEETS LS-02 - LS-06 FOR
ENLARGEMENT DETAILS,
LANDSCAPE SCHEDULE, PLANTING
DETAILS AND GENERAL NOTES

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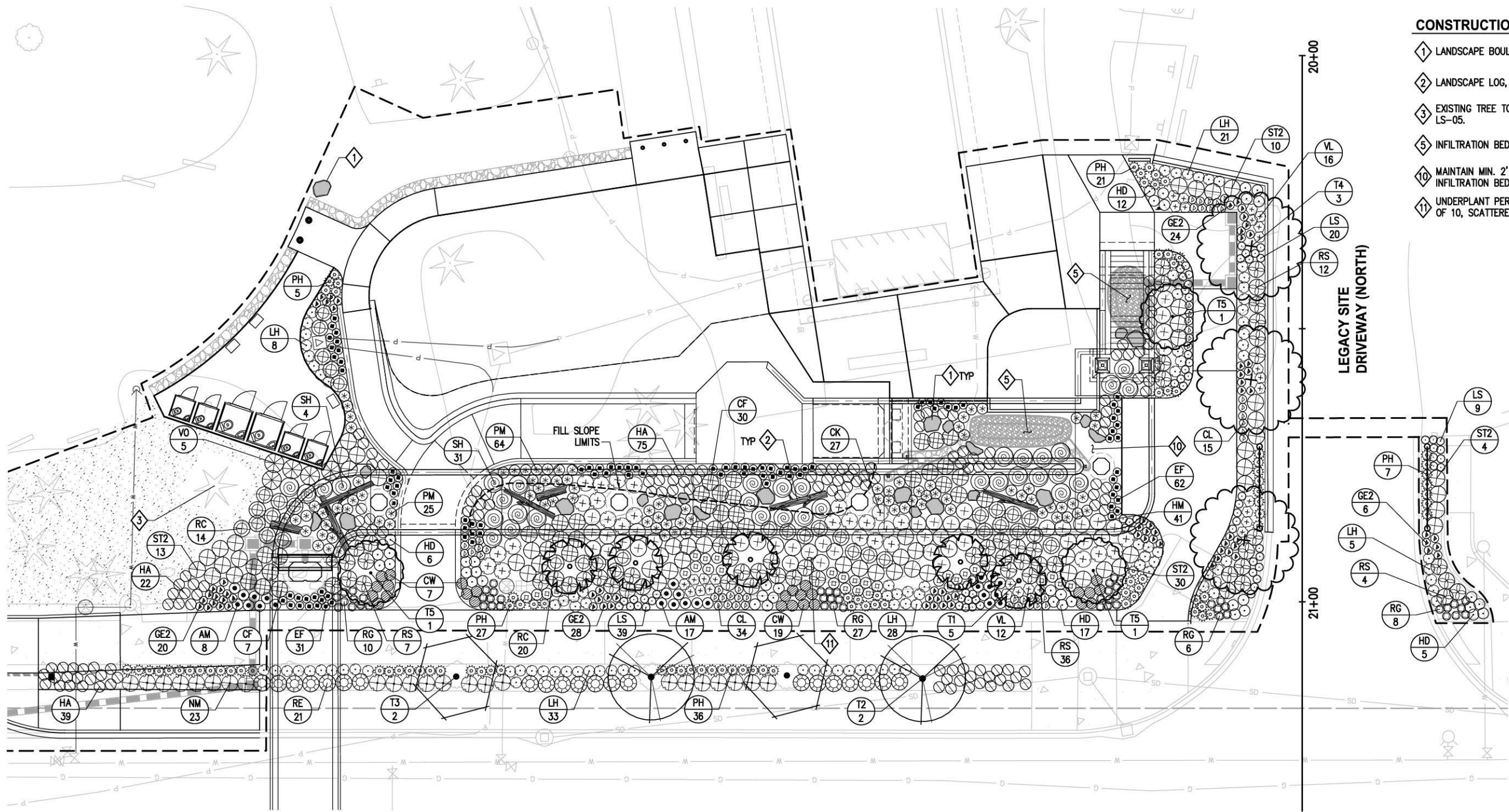
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

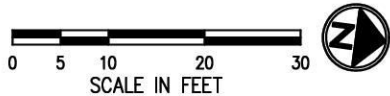
LANDSCAPE PLAN

SCALE: AS SHOWN	
FILENAME: 9VMS010200LPN01	
PROJECT No: 9VMS010200	
SHEET: LS-01	REV: B



- CONSTRUCTION NOTES**
- 1 LANDSCAPE BOULDER, INSTALL PER DETAIL, SHEET LS-06.
 - 2 LANDSCAPE LOG, INSTALL PER DETAIL, SHEET LS-06.
 - 3 EXISTING TREE TO REMAIN; SAVE AND PROTECT PER DETAIL, SHEET LS-05.
 - 5 INFILTRATION BED, PER STORMWATER PLAN AND DETAILS.
 - 10 MAINTAIN MIN. 2' WIDE CLEAR ACCESS PATH TO STORMWATER INFILTRATION BED.
 - 11 UNDERPLANT PERENNIALS WITH SPRING FLOWERING BULBS IN GROUPS OF 10, SCATTERED THROUGH FRONT OF PLANTER AREA.

LEGACY SITE PLANTING ENLARGEMENT DETAIL



PLANT SYMBOL
PP 60
PLANT QUANTITY

**SEE SHEETS LS-04 - LS-06 FOR
LANDSCAPE SCHEDULE, DETAILS
AND GENERAL NOTES**

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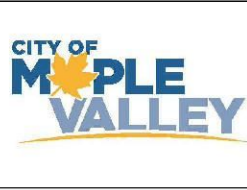
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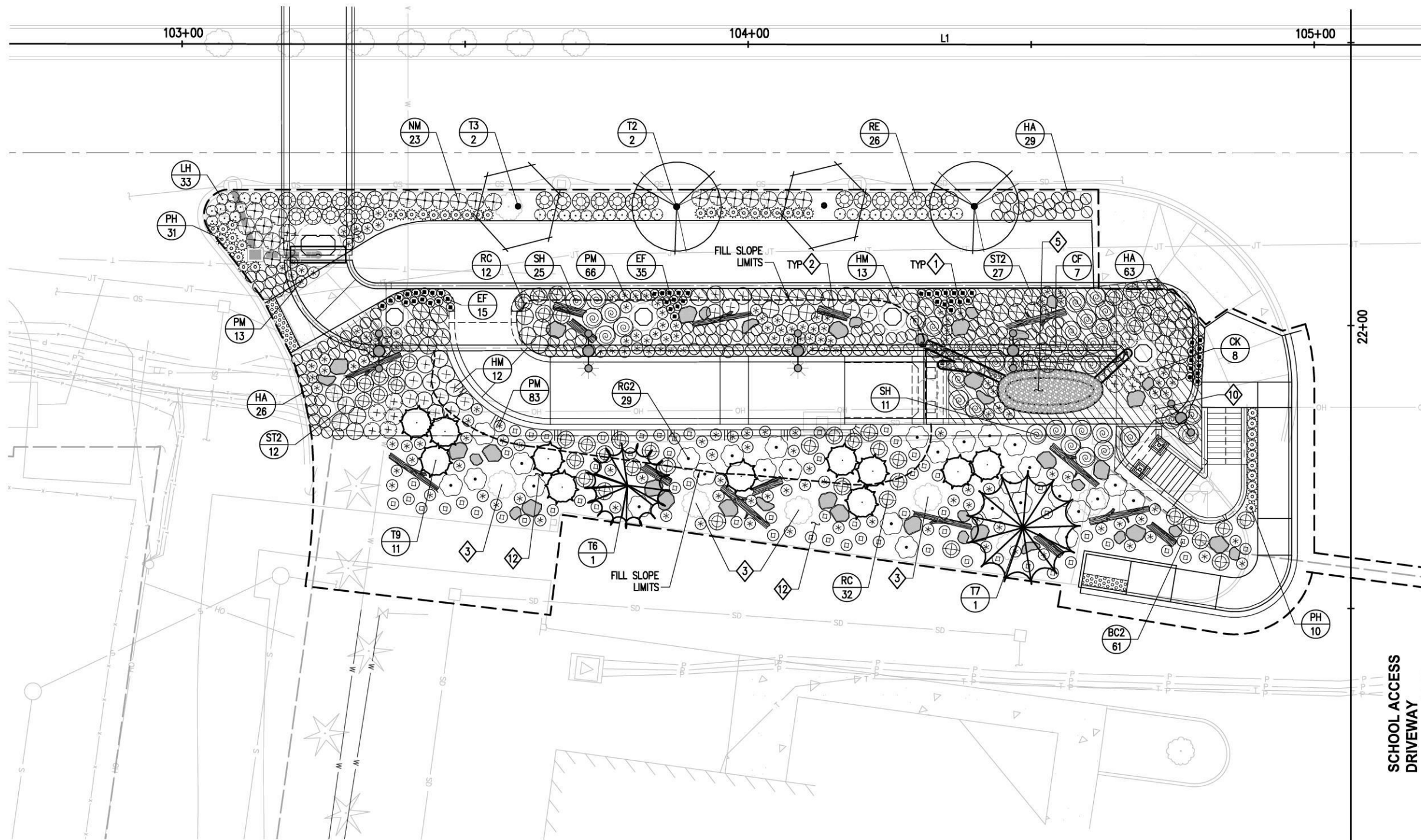
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T-57 SR 169 PEDESTRIAN BRIDGE

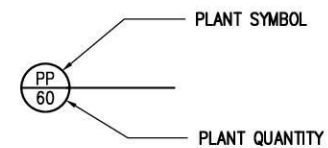
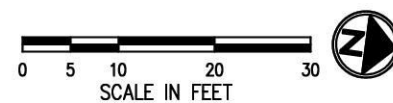
LEGACY SITE ENLARGEMENT DETAIL

SCALE: AS SHOWN	
FILENAME: 9VMS010200LPN01	
PROJECT No: 9VMS010200	
SHEET: LS-02	REV: B



- CONSTRUCTION NOTES**
- 1 LANDSCAPE BOULDER, INSTALL PER DETAIL, SHEET LS-06.
 - 2 LANDSCAPE LOG, INSTALL PER DETAIL, SHEET LS-06.
 - 3 EXISTING TREE TO REMAIN; SAVE AND PROTECT PER DETAIL, SHEET LS-05.
 - 5 INFILTRATION BED, PER STORMWATER PLAN AND DETAILS.
 - 10 MAINTAIN MIN. 2' WIDE CLEAR ACCESS PATH TO STORMWATER INFILTRATION BED.
 - 12 PLANT LAYOUT IN THIS AREA TO BE ADJUSTED IN THE FIELD TO AVOID IMPACTS TO EXISTING TREE ROOTS.

SCHOOL SITE PLANTING ENLARGEMENT DETAIL



SEE SHEETS LS-04 - LS-06 FOR
LANDSCAPE SCHEDULE, DETAILS
AND GENERAL NOTES

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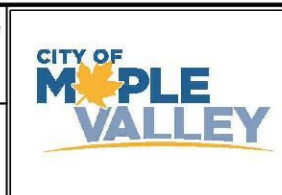
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SCHOOL SITE ENLARGEMENT DETAIL

SCALE: AS SHOWN	
FILENAME: 9VMS010200LPN01	
PROJECT No: 9VMS010200	
SHEET: LS-03	REV: B

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	HEIGHT		QTY
TREES							
	T1	CERCIS CANADENSIS 'PINK POM POMS' / PINK POM POMS EASTERN REDBUD	1.5" CAL.	B&B	8'-10 HT		5
	T2	ACER TRUNCATUM X PLATANOIDES 'JFS-KW187' / URBAN SUNSET®MAPLE	2" CAL.	B&B	10'-12' HT		4
	T3	CERCIDIPHYLLUM JAPONICUM 'BIRINGER' / HANNA'S HEART KATSURA TREE	1.5" CAL.	B&B	8'-10 HT		4
	T4	PRUNUS X YEDOENSIS 'AKEBONO' / AKEBONO YOSHINO CHERRY	2" CAL.	B&B	10'-12' HT		3
	T5	ACER PALMATUM 'WOLFF' / EMPEROR I®JAPANESE MAPLE	1.5" CAL.	B&B	8'-10 HT	SINGLE STEM	3
	T6	PINUS FLEXILIS 'VANDERWOLF'S PYRAMID' / VANDERWOLF'S PYRAMID LIMBER PINE	----	B&B	7'-8' HT.		1
	T7	PINUS CONTORTA / SHORE PINE	----	B&B	7'-8' HT.		1
	T9	PINUS MUGO 'PUMILIO' / DWARF MUGO PINE	15 GAL.	POT			11
BRIDGE PLANTER							
	T10	ACER PALMATUM 'WOLFF' / EMPEROR I®JAPANESE MAPLE	15 GAL.	POT		SINGLE STEM	2
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER		SPACING	QTY
SHRUBS							
	BC2	BERBERIS THUNBERGII 'CONCORDE' / CONCORDE JAPANESE BARBERRY	1 GAL.	POT		24" o.c.	91
	CF	CORNUS SERICEA 'FLAVIRAMEA' / YELLOW TWIG DOGWOOD	2 GAL.	POT		36" o.c.	44
	CK	CORNUS SERICEA 'KELSEY' / KELSEY'S DWARF RED TWIG DOGWOOD	2 GAL.	POT		36" o.c.	40
	CW	CALLUNA VULGARIS 'WYNANDA' / WYNANDA HEATHER	1 GAL.	POT		24" o.c.	26
	HM	HYDRANGEA QUERCIFOLIA 'MUNCHKIN' / MUNCHKIN OAKLEAF HYDRANGEA	2 GAL.	POT		36" o.c.	66
	LH	LAVANDULA ANGUSTIFOLIA 'HIDCOTE' / HIDCOTE ENGLISH LAVENDER	1 GAL.	POT		24" o.c.	128
	NM	NANDINA DOMESTICA 'MURASAKI' / FLIRT HEAVENLY BAMBOO	2 GAL.	POT		36" o.c.	46
	RC	RHODODENDRON X 'CHRISTMAS CHEER' / CHRISTMAS CHEER RHODODENDRON	2 GAL.	POT		36" o.c.	83
	RE	RHODODENDRON X 'ELVIIRA' / ELVIIRA RHODODENDRON	2 GAL.	POT		36" o.c.	47
	RG2	ROSA GYMNOCARPA / BALDHIP ROSE	2 GAL.	POT		48" o.c.	29
	RS	ROSA X 'NOAMEL' / FLOWER CARPET®APPLEBLOSSOM ROSE	2 GAL.	POT		36" o.c.	59
	SH	SARCOCOCCA HOOKERIANA HUMILIS / DWARF HIMALAYAN SWEETBOX	2 GAL.	POT		42" o.c.	70
	ST2	SPIRAEA BETULIFOLIA 'TOR' / WHITE FROST BIRCHLEAF SPIREA	2 GAL.	POT		36" o.c.	96
	VO	VACCINIUM OVATUM / EVERGREEN HUCKLEBERRY	2 GAL.	POT		42" o.c.	5
BULBS							
	ND	NARCISSUS X 'DUTCH MASTER' / DUTCH MASTER DAFFODIL	BULB			6" o.c.	200

GENERAL NOTES

- ALL PLANT MATERIALS SHALL MEET THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 MOST CURRENT VERSION.
- PLANT, MAINTAIN AND WARRANTY AS PER SPECIAL PROVISIONS.
- DO NOT SUBSTITUTE SPECIES WITHOUT THE APPROVAL OF ENGINEER.
- INSTALL 3" ARBORIST WOOD CHIP MULCH OVER ALL DISTURBED AREAS NOT BEING PLANTED OR SEEDED, UNLESS OTHERWISE NOTED.
- PROPERTY RESTORATION TO BE DONE AS DIRECTED BY THE PROJECT ENGINEER.
- ALL SINGLE-STEM DECIDUOUS TREES SHALL MEET WSDOT STANDARD "STREET TREE GRADE" AND SHALL BRANCH AT MIN 6' HT. ABOVE THE ROOTBALL.

PERENNIALS & GRASSES							
	AM	ASTER X FRIKARTII 'MONCH' / MONCH FRIKART'S ASTER	1 GAL.	POT		24" o.c.	25
	CL	COREOPSIS LANCEOLATA / LANCELEAF TICKSEED	1 GAL.	POT		18" o.c.	49
	EF	EPIMEDIUM X PERRALCHICUM 'FROHNLEITEN' / FROHNLEITEN EPIMEDIUM	1 GAL.	POT		18" o.c.	143
	GE2	GEUM X 'TNGEUTR' / TEMPO ROSE GEUM	1 GAL.	POT		18" o.c.	78
	HA	HAKONECHLOA MACRA 'AUREOLA' / GOLDEN VARIEGATED FOREST GRASS	1 GAL.	POT		24" o.c.	257
	HD	HEMEROCALLIS X 'PURPLE D'ORO' / PURPLE D'ORO DAYLILY	1 GAL.	POT		24" o.c.	40
	LS	LEUCANTHEMUM X SUPERBUM 'MOUNT HOOD' / MOUNT HOOD SHASTA DAISY	1 GAL.	POT		18" o.c.	68
	PH	PENNISETUM ALOPECUROIDES 'HAMELN' / HAMELN FOUNTAIN GRASS	1 GAL.	POT		24" o.c.	137
	PM	POLYSTICHUM MUNITUM / WESTERN SWORD FERN	1 GAL.	POT		24" o.c.	252
	RG	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' / GOLDSTURM CONEFLOWER	1 GAL.	POT		18" o.c.	52
	VL	VERBENA BONARIENSIS 'LOLLIPOP' / LOLLIPOP TALL VERBENA	1 GAL.	POT		24" o.c.	28

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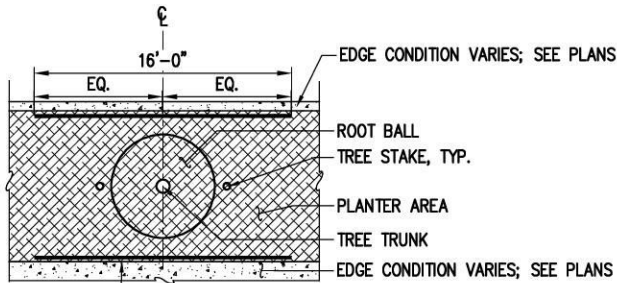
CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

LANDSCAPE SCHEDULE

SCALE: AS SHOWN	
FILENAME: 9VMS010200LPD01	
PROJECT No: 9VMS010200	
SHEET: LS-04	REV: B

TREE PLANTING NOTES

1. TREE PIT SHALL NOT BE LESS THAN (3) TIMES ROOTBALL DIAMETER.
2. CUT ALL TIES AND REMOVE BURLAP FROM ROOTBALL.
3. REMOVE ALL PLASTIC AND TWINE.
4. BACKFILL TOPSOIL AROUND ROOT BALL IN 6" LIFTS AND LIGHTLY RECOMPACT EACH LIFT; AFTER BACKFILLING, WATER IN ROOT BALL TO SETTLE THE SOIL.
5. PLANT TREES WITH ROOT FLARE VISIBLE; DO NOT COVER TOP OF ROOTBALL WITH SOIL.
6. DO NOT OVERTIGHTEN TREE TIES TO ALLOW FOR TRUNK MOVEMENT WITHOUT CHAFFING.



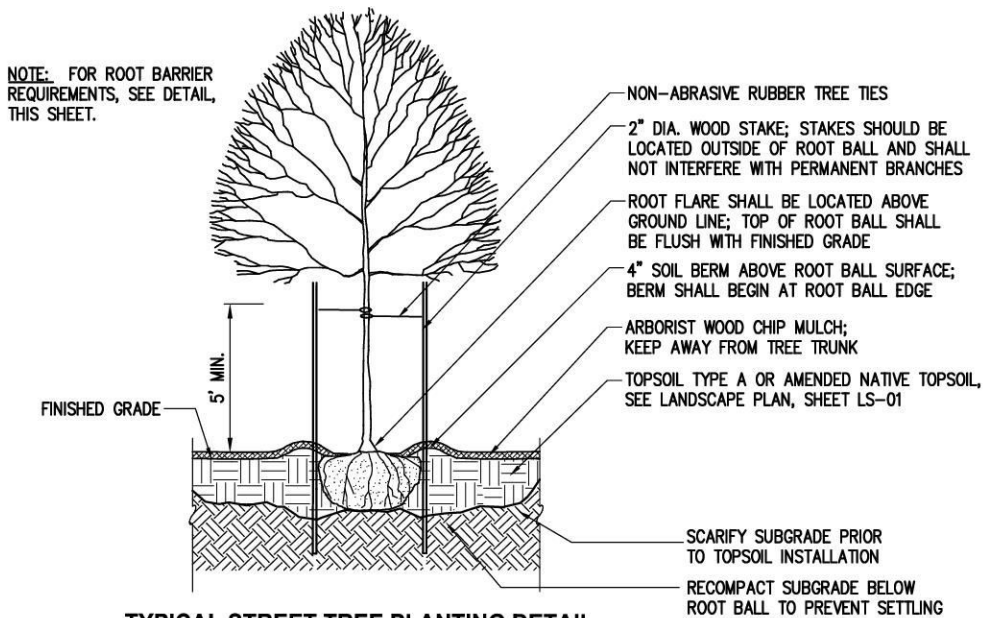
ROOT BARRIER, TYP; 18" MIN. DEPTH, TOP FLUSH WITH SIDEWALK, CURB OR ADJACENT PAVEMENT, INSTALL TIGHT TO EDGE OF PAVEMENT/BACK OF CURB WHERE APPLICABLE, SEE NOTE BELOW

PLAN

NOTE: ROOT BARRIER REQUIRED AT ALL LOCATIONS WHERE TREE TRUNK IS WITHIN 10' OF ADJACENT PAVEMENT OR CURB. IN ROADWAY PLANTERS, INSTALL ROOT BARRIER ON BOTH CURB AND SIDEWALK SIDE OF TREE.

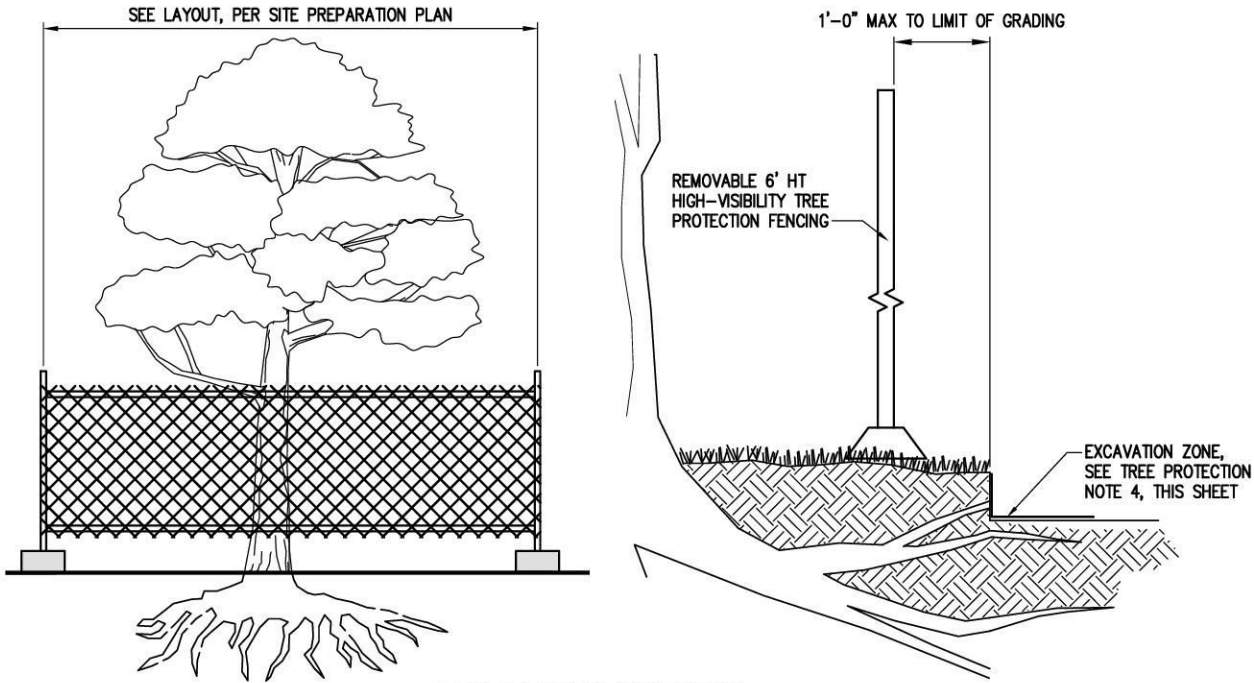
TYPICAL ROOT BARRIER DETAIL

NTS



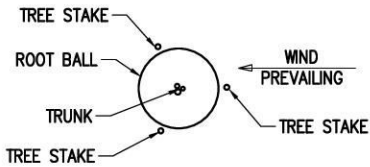
TYPICAL STREET TREE PLANTING DETAIL

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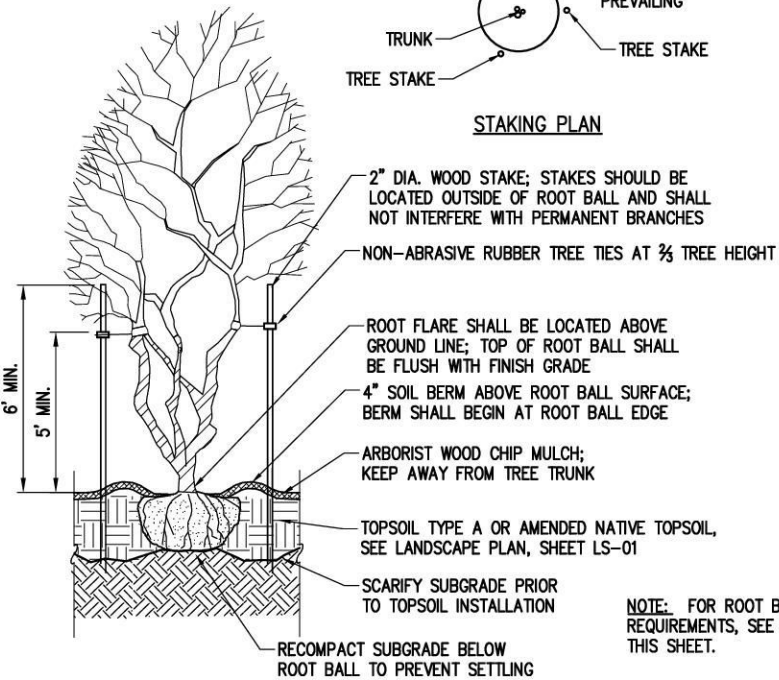


TREE PROTECTION DETAIL

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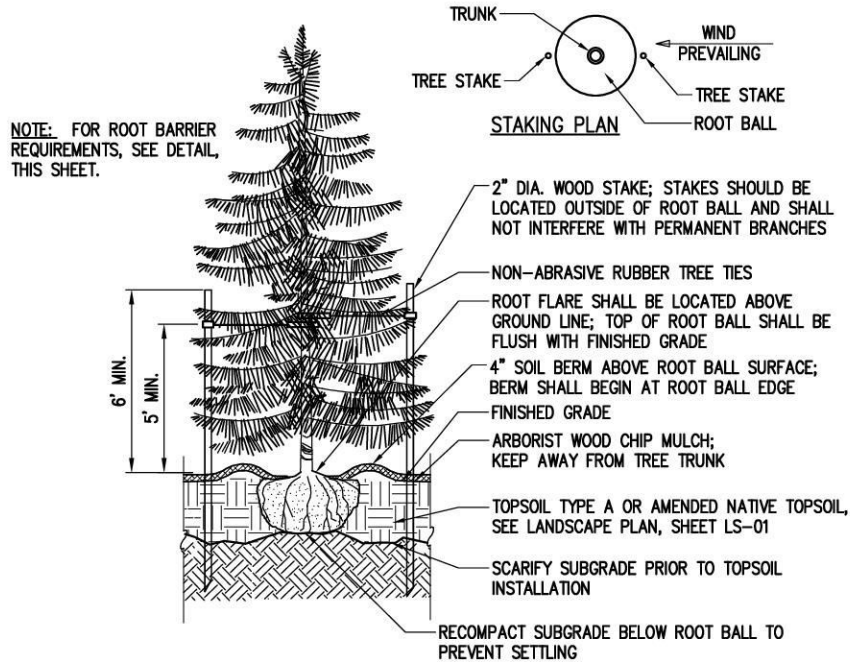


STAKING PLAN



TYPICAL MULTI-STEM DECIDUOUS TREE PLANTING DETAIL

NTS



TYPICAL EVERGREEN TREE PLANTING DETAIL

NTS

TREE PROTECTION NOTES

1. FOR EXISTING TREES AT BACK-OF-WALK, SIX FOOT HIGH HIGH-VISIBILITY FENCE SHALL BE PLACED AT LIMITS OF CONSTRUCTION AND SHALL EXTEND 5' IN BOTH DIRECTIONS BEYOND THE DRIPLINE OF TREE TO BE SAVED. SEE LAYOUT, PER SITE PREPARATION PLAN.
2. FOR EXISTING STREET TREES, TREE PROTECTION FENCING SHALL BE INSTALLED ALONG EDGE OF SIDEWALK AND BACK OF CURB, AND SHALL EXTEND 5' IN BOTH DIRECTIONS BEYOND THE DRIPLINE OF TREE TO BE SAVED. FENCING SHALL COMPLETELY ENCIRCLE TREE. SEE LAYOUT, THIS SHEET.
3. INSTALL FENCE POSTS USING PIER BLOCKS ONLY. AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
4. TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1" IN DIAMETER DAMAGED DURING CONSTRUCTION; MAKE A CLEAN, STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP TO PREVENT DRYING, AND COVERED WITH SOIL AS SOON AS POSSIBLE.
5. WORK WITHIN PROTECTION FENCE SHALL BE DONE MANUALLY. NO STOCKPILE OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMITS OF THE FENCING.
6. PORTIONS OF THE TREE PROTECTION FENCING MAY BE MOVED 1/3 INTO THE PRESCRIBED TREE PROTECTION AREA IF UNABLE TO PROTECT ENTIRE DRIP LINE AREA. THIS IS ONLY PERMITTED FOR PORTIONS OF THE PRESCRIBED TREE PROTECTION AREA THAT ARE IN CONFLICT WITH CONSTRUCTION ACTIVITIES BASED UPON ENGINEER'S APPROVAL.
7. ALL TREES TO REMAIN WITHIN CLEARING AND GRUBBING LIMITS, SHALL BE TAGGED FOR APPROVAL BY ENGINEER, PRIOR TO START OF CONSTRUCTION ACTIVITIES.
8. MAINTAIN FENCING IN PLACE UNTIL THE CITY AUTHORIZES REMOVAL OR A FINAL APPROVAL IS ISSUED.
9. SIGNS SHALL BE ATTACHED TO THE TREE PROTECTION FENCING STATING THAT THE TREE IS DESIGNATED FOR PROTECTION AND THE AREA INSIDE OF THE FENCE IS NOT TO BE DISTURBED UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM THE ENGINEER.
10. TREE PROTECTION FENCING SHALL BE CONSOLIDATED AROUND SIGNIFICANT GROUPINGS OF EXISTING TREES TO REMAIN WHERE POSSIBLE; TREE PROTECTION FENCING MUST EXTEND 5' BEYOND DRIPLINE OF OUTERMOST TREES IN GROUPING.

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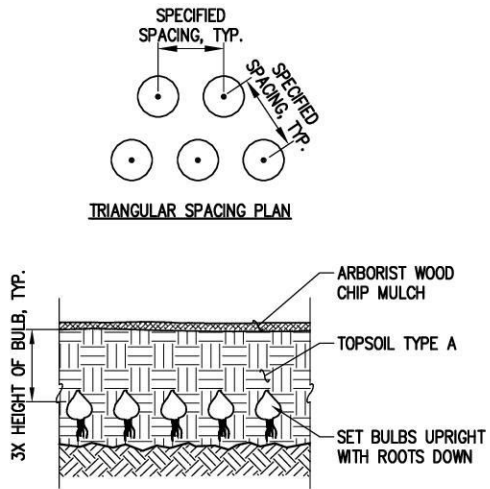
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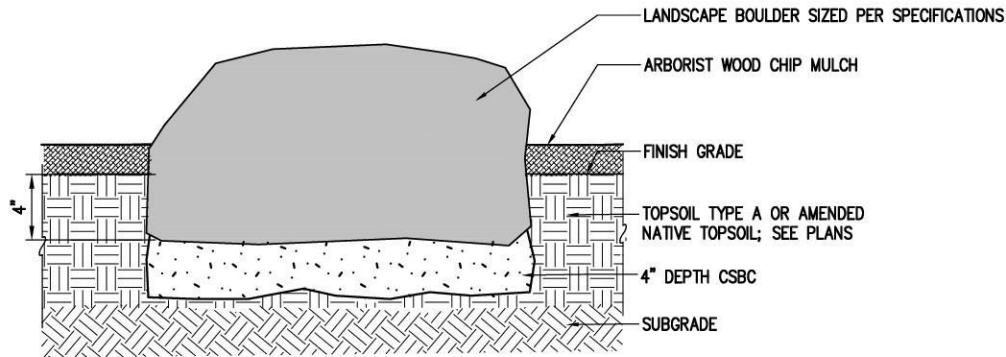
CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

LANDSCAPE DETAILS

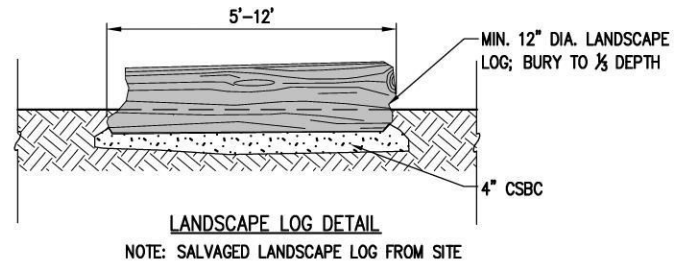
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FILENAME: 9VMS010200.PD01	
PROJECT No: 9VMS010200	
SHEET: LS-05	REV: B



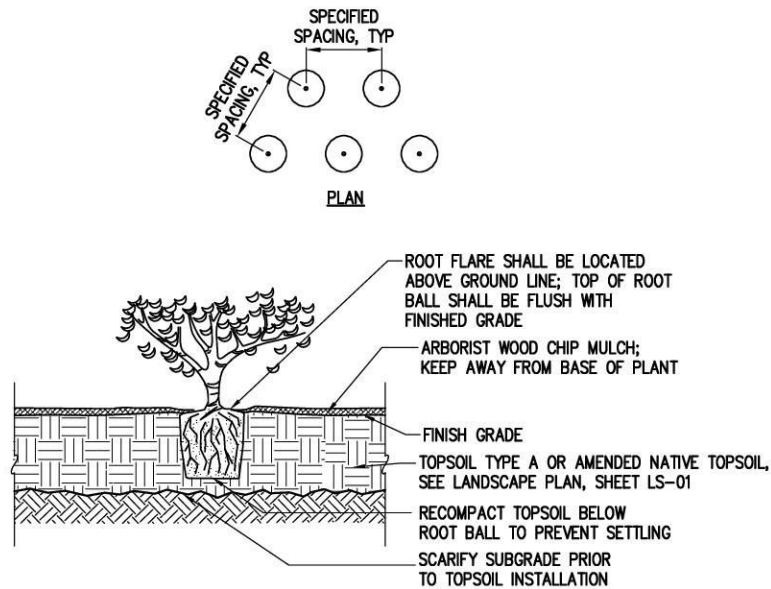
TYPICAL BULB PLANTING DETAIL
NTS



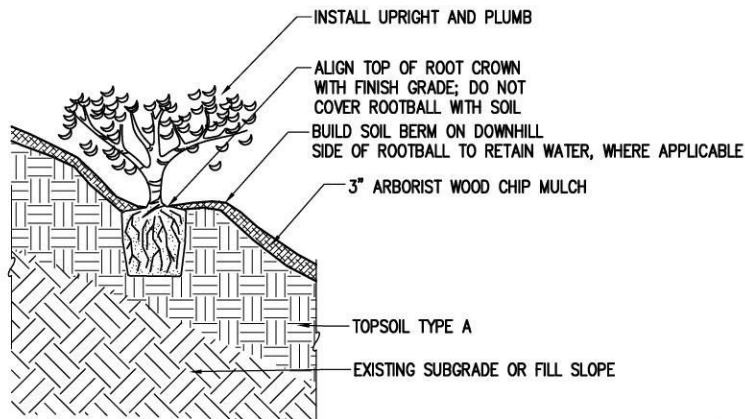
SECTION
LANDSCAPE BOULDER TYPICAL DETAIL
NTS



LANDSCAPE LOG TYPICAL DETAIL
NTS



TYPICAL SHRUB/GROUNDCOVER PLANTING DETAIL
NTS



TYPICAL SLOPE PLANTING DETAIL
NTS

1. PLANT MATERIAL SHALL BE WATERED THOROUGHLY AT TIME OF PLANTING AND AS REQUIRED TO MAINTAIN PLANT HEALTH UNTIL FINAL ACCEPTANCE.
2. PLANTING PIT SHALL BE 3X ROOTBALL DIAMETER, TYP.

NOTE: LAYOUT, ORIENTATION AND FINAL LOCATION OF LANDSCAPE LOGS AND LANDSCAPE BOULDERS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER.

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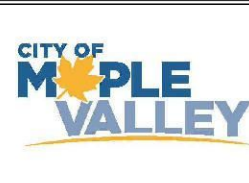
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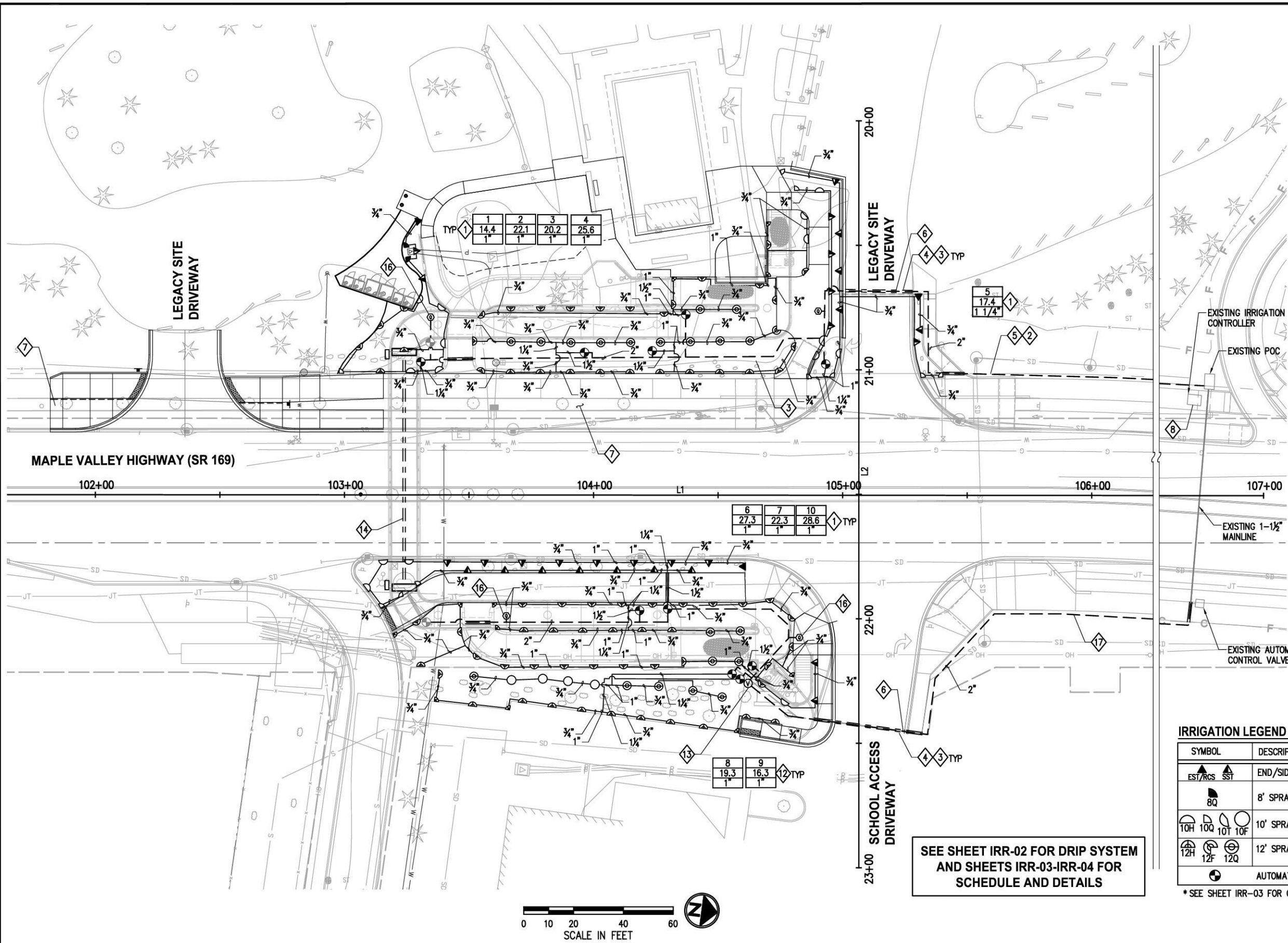
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

LANDSCAPE DETAILS

SCALE: AS SHOWN	
FILENAME: 9VMS010200LPD01	
PROJECT No: 9VMS010200	
SHEET: LS-06	REV: B



- CONSTRUCTION NOTES**
1. INSTALL CONTROL VALVE BOX IN PLANTER AREA, AT EDGE OF PLANTER CURB TO MAXIMIZE PLANTING AREA; LOCATION SHOWN IS DIAGRAMMATIC.
 2. EXTEND CONTROLLER WIRES AS NEEDED AND TAPE TO MAINLINE.
 3. MAINLINES AND LATERAL LINES TO BE LOCATED IN PLANTERS WHERE POSSIBLE. LOCATION SHOWN IS DIAGRAMMATIC. ALL IRRIGATION LINES LOCATED UNDER PAVEMENT SHALL BE SLEEVED PER GENERAL NOTES. CONTRACTOR SHALL COORDINATE ALL SLEEVING LOCATIONS AND INSTALL PRIOR TO ALL ROADWAY AND SIDEWALK PAVING INSTALLATION.
 4. COORDINATE SLEEVING, MAIN LINE AND LATERAL LINE INSTALLATION WITH ILLUMINATION/ SIGN CONDUIT AND FOOTING LOCATIONS.
 5. CUT INTO EXISTING MAINLINE AT EXISTING POC. EXTEND NEW 2" MAINLINE SOUTH TO NEW SYSTEM, TIGHT TO BACK OF SIDEWALK. INSTALL NEW FLOW SENSOR AND MASTER SHUTOFF CONTROL VALVE AT POC, WIRED BACK TO EXISTING CONTROLLER. FLOW SENSING EQUIPMENT SHALL BE LOCATED BEFORE MAINLINE SPLITS TO THE NEW 2" AND THE EXISTING MAINLINE EXTENSION. SEE SPECIAL PROVISIONS APPENDIX FOR SR 169 IRRIGATION PLANS.
 6. EXTEND MAINLINE UNDER ROADWAY, SEE CIVIL PLANS FOR TRENCH LOCATION. PUSH SLEEVE AND MAINLINE UNDER SIDEWALK AND CURB TO BACK SIDE OF WALKWAY. EXTEND MAINLINE TIGHT TO BACK EDGE OF SIDEWALK TO EXISTING MAINLINE CONNECTION. CUT INTO EXISTING MAINLINE FOR IRRIGATION WATER FOR PROPOSED VALVES, PULL SPARE WIRES AS NEEDED FOR PROPOSED VALVES. SEE APPENDIX XX FOR SR 169 PLANS.
 7. SAVE AND PROTECT EXISTING IRRIGATION DRIP SYSTEM AND EQUIPMENT THIS AREA. CUT AND CAP DRIP SYSTEM AS NECESSARY FOR PAVEMENT INSTALLATION. PROVIDE REPLACEMENT DRIP LINES AS NEEDED TO ENSURE IRRIGATION DRIP SYSTEM IS FULLY FUNCTIONAL AND PROVIDES REQUIRED COVERAGE FOR LANDSCAPE AREA.
 8. INSTALL ADDITIONAL 12 STATION MODULE IN EXISTING IRRIGATION CONTROLLER. EXTEND ADDITIONAL CONTROLLER WIRES AS REQUIRED FOR WEST AND EAST SIDE NEW IRRIGATION.
 12. TEMPORARY IRRIGATION CONTROL VALVE BOX IN PLANTER AREA; LOCATION SHOWN ON DRAWING IS DIAGRAMMATIC.
 13. INSTALL MANUAL SHUT OFF VALVE ON 2" STUB OUT EXTENSION; SEE SCHEDULE SHEET 39. INSTALL IN PLANTER. LOCATION SHOWN IS DIAGRAMMATIC.
 14. INSTALL 1 1/4" CONDUIT UNDER BRIDGE TO CONNECT AND EXTEND EAST SIDE IRRIGATION WIRES. SEE ELECTRICAL PLANS.
 16. INSTALL QUICK COUPLER IN VALVE BOX PER DETAIL, SHEET IRR-04.
 17. EXTEND MAINLINE FROM EXISTING VALVE. NEW PIPE AND SLEEVE SHALL BE FORCED UNDER EXISTING SIDEWALK; NO CUTTING OF PAVEMENT SHALL BE ALLOWED.

IRRIGATION LEGEND *

SYMBOL	DESCRIPTION
EST/RCS SST	END/SIDE STRIP SPRAY NOZZLE, 6" POP-UP
8Q	8' SPRAY NOZZLE, 6" POP-UP
10H 10Q 10T 10F	10' SPRAY NOZZLE, 6" POP-UP
12H 12F 12Q	12' SPRAY NOZZLE, 6" POP-UP
⊕	AUTOMATIC CONTROL VALVE

* SEE SHEET IRR-03 FOR COMPLETE SCHEDULE

PIPE SIZE CHART

GPM	SIZE
0 - 8	0"
8 - 13	1"
13 - 22	1 1/2"
22 - 30	1 1/2"
30 - 50	2"

NOTE: ALL IRRIGATION MAINLINE SHALL BE 2" PVC SCH 40, UNLESS OTHERWISE NOTED ON PLANS.

1 INDICATES VALVE #
10.5 INDICATES GPM
1" INDICATES VALVE SIZE

SEE SHEET IRR-02 FOR DRIP SYSTEM
AND SHEETS IRR-03-IRR-04 FOR
SCHEDULE AND DETAILS

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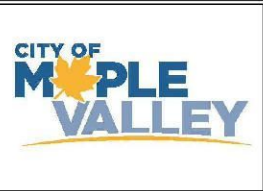
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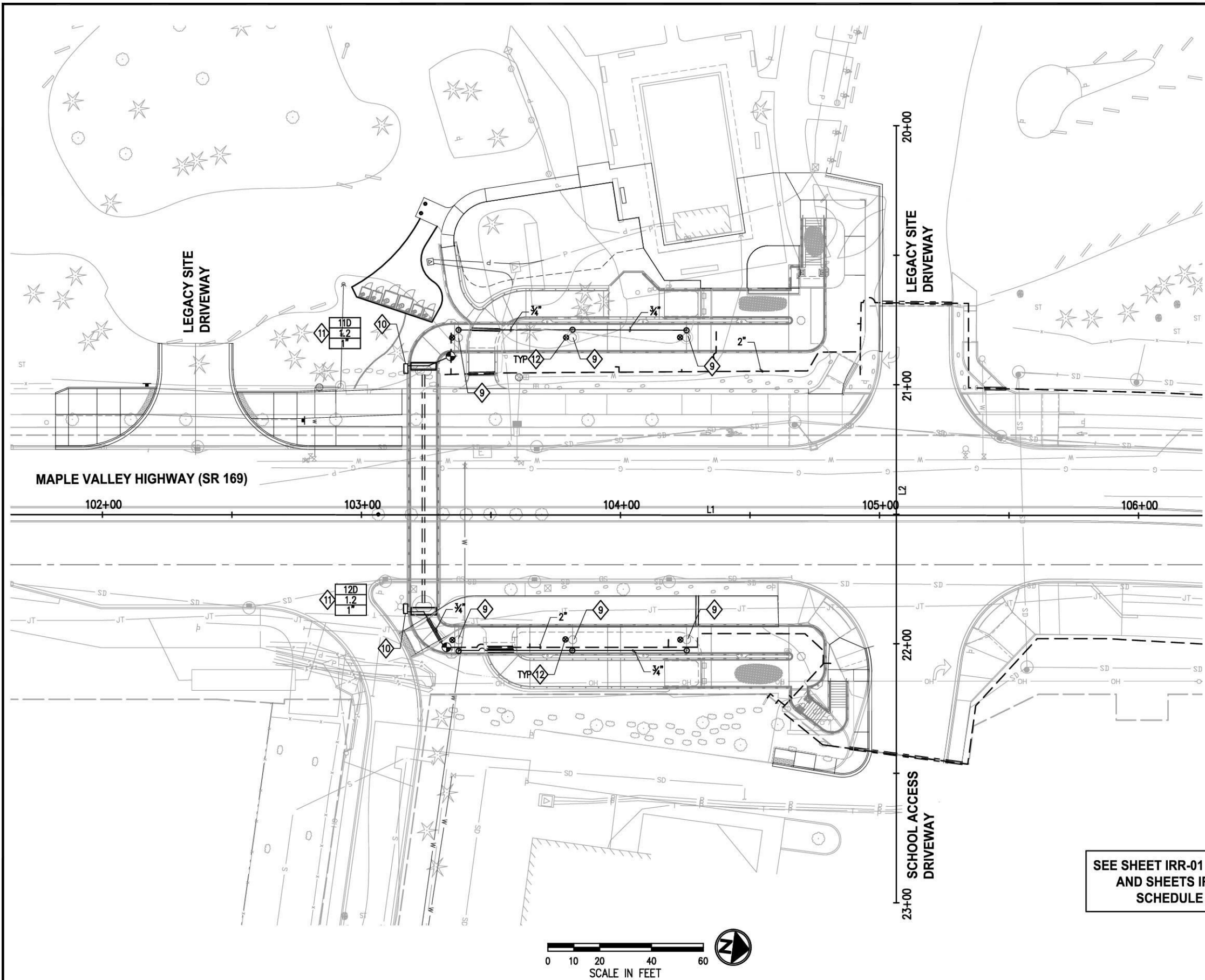
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CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

IRRIGATION PLAN

SCALE: AS SHOWN	
FILENAME: 9VMS010200IRR01	
PROJECT No: 9VMS010200	
SHEET: IRR-01	REV: B



CONSTRUCTION NOTES

- 9 INSTALL FLOWER BASKET DRIP LINE IN 3/4" CONDUIT, FASTEN TO BRIDGE COLUMN, PER DETAIL SHEET IRR-03.
- 10 EXTEND 1/2" LATERAL PIPE FROM DRIP VALVE TO BACKSIDE (OPPOSITE OF STREET SIDE) OF COLUMN, UP TO GRADE. EXTEND LATERAL PIPE UP THROUGH 1" RIDGE METAL CONDUIT, FASTENED TO COLUMN WITH STAINLESS STEEL PIPE STRAPS. EXTEND UNDERSIDE OF BRIDGE PLANTER, SEE STRUCTURAL FOR DETAILS.
- 11 INSTALL DRIP ZONE CONTROL VALVE IN PLANTER AREA, TIGHT TO EDGE OF PLANTER OR BACK OF SIDEWALK TO MAXIMIZE PLANTING AREA. LOCATION SHOWN IS DIAGRAMMATIC. CONTRACTOR TO PROVIDE GPM FOR EACH VALVE BASED ON THE PROPOSED FLOWER BASKET DRIP LAYOUT PLAN. SIZE VALVE BOX TO ACCOMMODATE VALVE AND ASSOCIATED DRIP EQUIPMENT.
- 15 12 DRIP LINE SHALL EXTEND FROM BASE OF COLUMN VALVE BOX, UP COLUMN IN 3/4" RIDGE METAL CONDUIT. CONDUIT SHALL BE FASTENED TO COLUMN WITH STAINLESS STEEL PIPE STRAPS. AT FLOWER BASKET LOCATIONS, DRIP PIPE SHALL WRAP AROUND TO EACH FLOWER BASKET ARM AND EXTEND TO BASKET.

FLOWER BASKET DRIP IRRIGATION LEGEND *

SYMBOL	DESCRIPTION
	DRIP CONTROL VALVE (FLOWER BASKET AND BRIDGE PLANTER)
	LUMINAIRE FLOWER BASKET DRIP CONNECTION VALVE BOX
	LUMINAIRE FLOWER BASKET DRIP SYSTEM
	IRRIGATION MAIN LINE
	LATERAL SUPPLY LINE
	SLEEVING

* SEE SHEET IRR-03 FOR COMPLETE SCHEDULE

PIPE SIZE CHART

GPM	SIZE
0 - 8	0"
8 - 13	1"
13 - 22	1 1/2"
22 - 30	1 1/2"
30 - 50	2"

NOTE: ALL IRRIGATION MAINLINE SHALL BE 2" PVC SCH 40, UNLESS OTHERWISE NOTED ON PLANS.

1	INDICATES VALVE #
10.5	INDICATES GPM
1"	INDICATES VALVE SIZE

SEE SHEET IRR-01 FOR SPRAY SYSTEM AND SHEETS IRR-03-IRR-04 FOR SCHEDULE AND DETAILS

SHEET 100 OF 108

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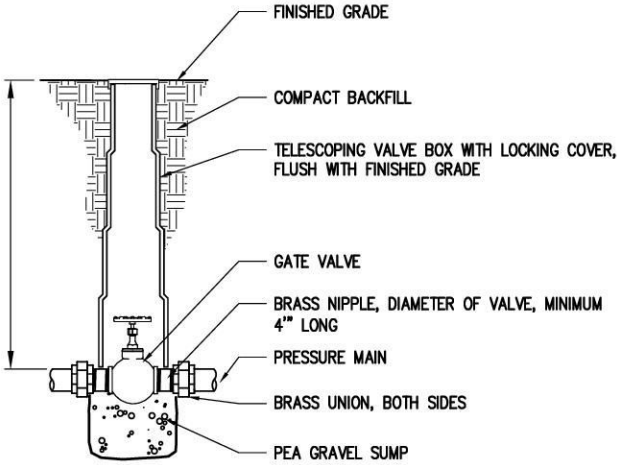
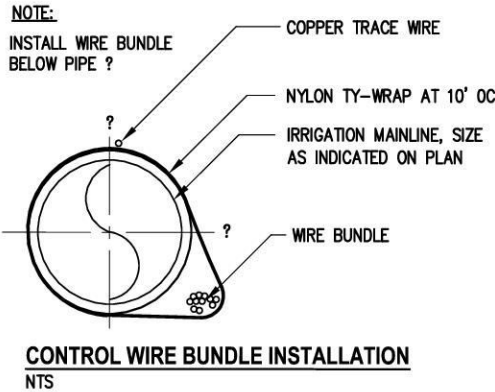
CITY OF MAPLE VALLEY
T-57 SR 169 PEDESTRIAN BRIDGE

IRRIGATION PLAN

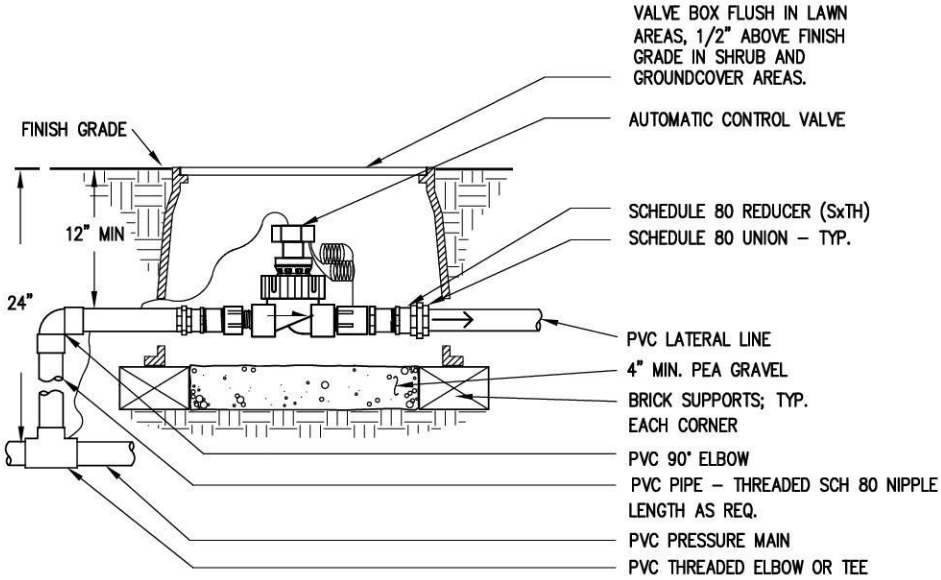
SCALE: AS SHOWN	
FILENAME: 9VMS010200IRR01	
PROJECT No: 9VMS010200	
SHEET: IRR-02	REV: B

IRRIGATION LEGEND			
SYMBOL	MANUFACTURER	MODEL NO.	DESCRIPTION
▲ EST ▲ SST	RAINBIRD STRIP SERIES OR APPROVED EQUAL	1806-SAM-PRS	SHRUB HEAD – 6" PLASTIC POP-UP, 4'x15" AND 4'x30' AT 30 PSI. END AND SIDE STRIP NOZZLE, INSTALL ON FLEXIBLE RISER SEE DETAIL SHEET IRR-04.
8Q	RAINBIRD 8 SERIES MPR OR APPROVED EQUAL	1806-SAM-PRS	SHRUB HEAD – 6" PLASTIC POP-UP, 8" RADIUS AT 30 PSI. INSTALL ON FLEXIBLE RISER, SEE DETAIL SHEET IRR-04.
10H 10Q 10F	RAINBIRD 10 SERIES MPR OR APPROVED EQUAL	1806-SAM-PRS	SHRUB HEAD – 6" PLASTIC POP-UP, 10' RADIUS AT 30 PSI. INSTALL ON FLEXIBLE RISER, SEE DETAIL SHEET IRR-04.
12H 12Q	RAINBIRD 12 SERIES MPR OR APPROVED EQUAL	1806-SAM-PRS	SHRUB HEAD – 6" PLASTIC POP-UP, 12' RADIUS AT 30 PSI. INSTALL ON FLEXIBLE RISER, SEE DETAIL SHEET IRR-04.
C			EXISTING IRRIGATION CONTROLLER LOCATED ON WEST SIDE OF SR 169, APPROX 200' NORTH OF EXISTING FARMERS MARKET DRIVEWAY ACCESS. CONNECT AND PULL ADDITIONAL VALVE WIRING AS REQUIRED FOR NEW SYSTEM AND EXTEND TO BOTH EAST AND WEST SIDE OF PROJECT.
⊕	RAINBIRD OR APPROVED EQUAL	PEB	AUTOMATIC CONTROL VALVE – SIZE AS NOTED ON PLAN SEE DETAIL, THIS SHEET.
⊗	FLOWER BASKET DRIP EQUIPMENT		SUPPLY(1) DRIP BUBBLER ON SPIKE PER FLOWER BASKET (TWO BASKETS PER COLUMN). FLOW RATE BASED ON APPROX 4GPH @ 15–30PSI. SUPPLY TUBING FROM PAVEMENT PER PLANTER VALVE BOX CONNECTION (SEE DETAIL, SHEET IRR-04) TO COLUMN AND UP TO FLOWER BASKETS. SPLIT SUPPLY LINE OUTSIDE POLE WITH 1/4" BARBED TEE TO SUPPLY MICROTUBING TO EACH HANGING BASKET ARM. COIL 3' EXCESS (MIN) MICROTUBING IN EACH BASKET LOCATION. TIE MICROTUBING TO COLUMN ARMS NEATLY WITH BLACK WIRE TIE OR OTHER APPROVED TIE. SUPPLY CITY OF MAPLE VALLEY WITH REQUIRED NUMBER OF DRIP EMITTERS AND SPIKES FOR FUTURE BASKET INSTALLATION. SEE ADDITIONAL NOTES THIS SHEET.
F	3/4" DRIP CONTROL VALVE ASSEMBLY		EACH DRIP ZONE TO INCLUDE (SEE DRIP CONTROL VALVE DETAIL, THIS SHEET): 1. DRIP CONTROL (LOW FLOW) VALVE 2. 3/4" PRESSURE REGULATING FILTER 3. PVC BALL VALVE
⊕F	DRIP ACCESS VALVE BOX		SEE INSTALLATION DETAIL IN PLANTER, SEE DETAIL SHEET IRR-04.
RR	RAINBIRD	2" PEB OR APPROVED EQUAL	MASTER SHUT OFF VALVE, AND FLOW SENSOR. INSTALL PER DETAIL, SHEET IRR-04. FLOW SENSOR SHALL BE RAINBIRD FS100B.
Q	RAINBIRD OR APPROVED EQUAL	44LRC	1" BRASS QUICK COUPLER VALVE WITH LOCKING VINYL COVER. INSTALL IN LOCATION SHOWN ON PLANS PER DETAIL, THIS SHEET.
----			PVC SCH 40, IRRIGATION MAIN LINE – 24" MIN. COVER – SIZE AS NOTED ON PLAN.
----			PVC SCH 40, LATERAL SUPPLY LINE– 18" MIN. COVER – SIZE AS NOTED ON PLAN.
== -- ==			SLEEVING, PVC SCHEDULE 40, SIZE TWICE INSERT PIPE DIA.
1 10.5 1"	INDICATES VALVE # INDICATES APPROX. GPM INDICATES VALVE SIZE		

NOTE:
FOR POINT OF CONNECTION, SEE EXISTING IRRIGATION SYSTEM FOR SR 169, APPENDIX XX.
CUT INTO AND CONNECT TO EXISTING IRRIGATION MAINLINE ON EAST AND WEST SIDE OF SR 169, AS NOTED ON PLANS. EXTEND MAINLINE SOUTH TO PROPOSED SYSTEM. PROVIDE MANUAL SHUT-OFF VALVE AT EACH NEW IRRIGATION MAINLINE EXTENSION CONNECTION, EAST AND WEST SIDE OF SR 169, LOCATE IN VALVE BOX PER DETAIL, THIS SHEET.



NOTES:
ONLY ONE VALVE PER VALVE BOX. SEAL ALL THREADED JOINTS WITH TEFLON TAPE ON MAKE THREADS ONLY.



GENERAL NOTES

- COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH INSTALLATION OF OTHER UTILITIES. LOCATE AND PROTECT ALL UNDERGROUND UTILITIES DURING INSTALLATION OF IRRIGATION SYSTEM.
- CONTRACTOR MUST COORDINATE SLEEVING, ROAD CROSSING AND PIPE LOCATIONS WITH INSTALLATION OF UNDERGROUND UTILITIES (INCLUDING ELECTRICAL, SEWER, WATER AND GAS), SIDEWALK, URBAN DESIGN FEATURES AND ILLUMINATION.
- IRRIGATION SYSTEM SHALL BE INSTALLED, TESTED, MAINTAINED AND GUARANTEED AS PER SPECIFICATIONS.
- IRRIGATION SYSTEM IS DESIGNED TO OPERATE AT 25–30 PSI. CONTRACTOR SHALL FIELD CHECK EXISTING WATER PRESSURE, ADJUSTING PRESSURE REDUCING VALVE AS NECESSARY TO PROVIDE OPTIMAL PERFORMANCE.
- LOCATION OF IRRIGATION MAINLINE, LATERALS, SLEEVING AND VALVES INDICATED ON DRAWING ARE DIAGRAMMATIC ONLY. ADJUST LOCATIONS AS NECESSARY. DO NOT OVERSPRAY ONTO PAVED SURFACES.
- MAINLINE SHALL BE BURIED AT A DEPTH OF 24" BELOW FINISH GRADE. LATERAL LINES SHALL BE BURIED TO A DEPTH OF 18" BELOW FINISH GRADE.
- SLEEVE UNDER ALL PAVED SURFACES AND CONCRETE SIDEWALK. SEE IRRIGATION PLANS FOR LOCATION OF PVC SLEEVING, SLEEVING SHALL BE 2 TIMES THE DIAMETER OF THE INSERT PIPE AND WIRES.
- CONTROLLER WIRES SHALL BE TAPED TO IRRIGATION MAIN OR LATERAL LINES WHERE POSSIBLE. IF NOT AVAILABLE, WIRES TO CONTROLLER SHALL BE PLACED IN 1" /1.5" SLEEVE, USE 3M DBY SPICE KITS.
- ALL EQUIPMENT SHALL BE AS SPECIFIED OR APPROVED EQUAL. SYSTEM IS SPECIFICALLY DESIGNED FOR IRRIGATION EQUIPMENT SHOWN ON PLANS AND SUBSTITUTION WILL REQUIRE REDESIGN AND RECALCULATION OR IRRIGATION ZONES.

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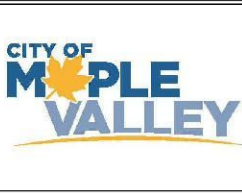
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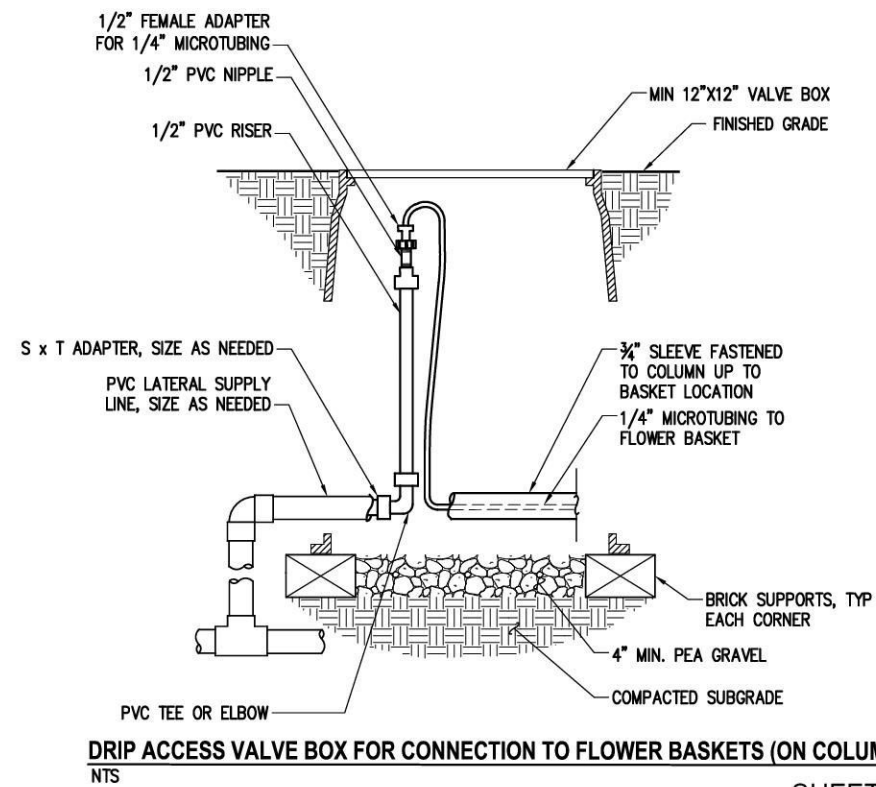
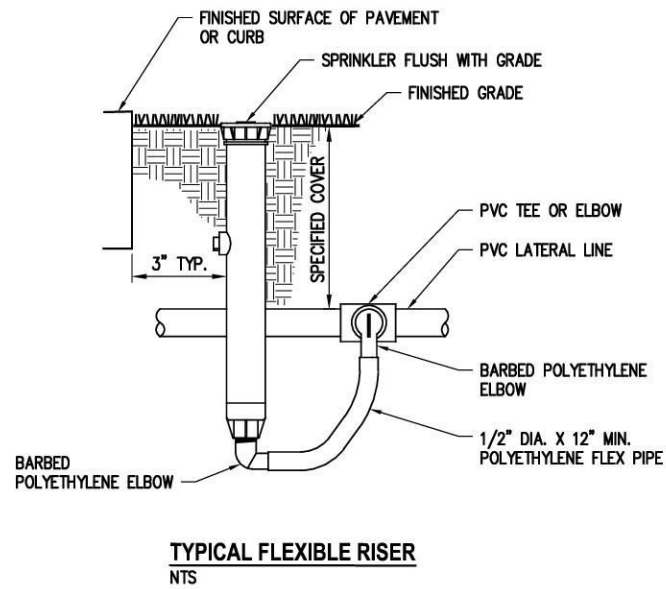
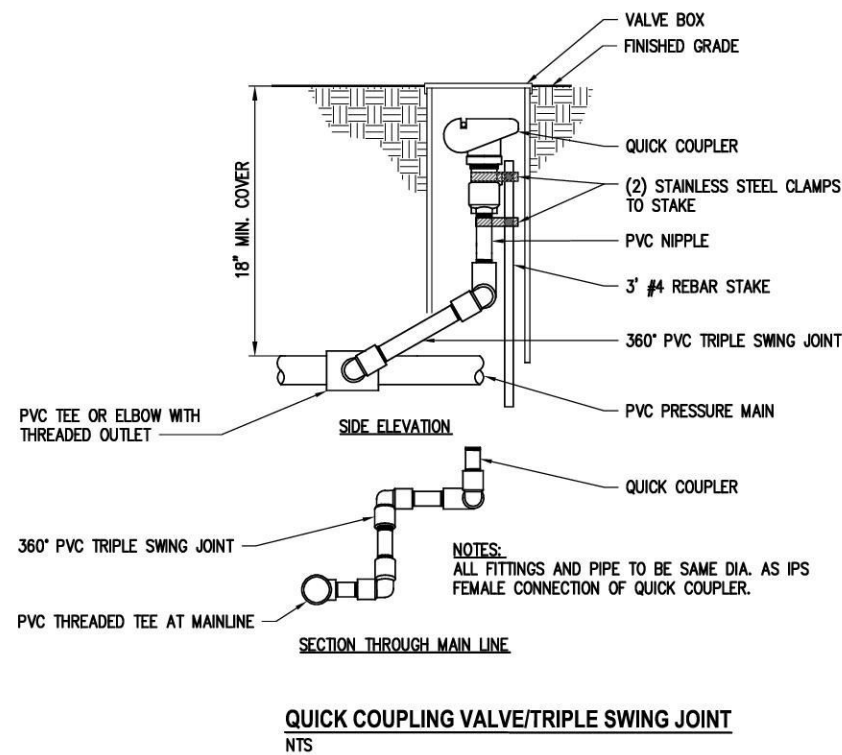
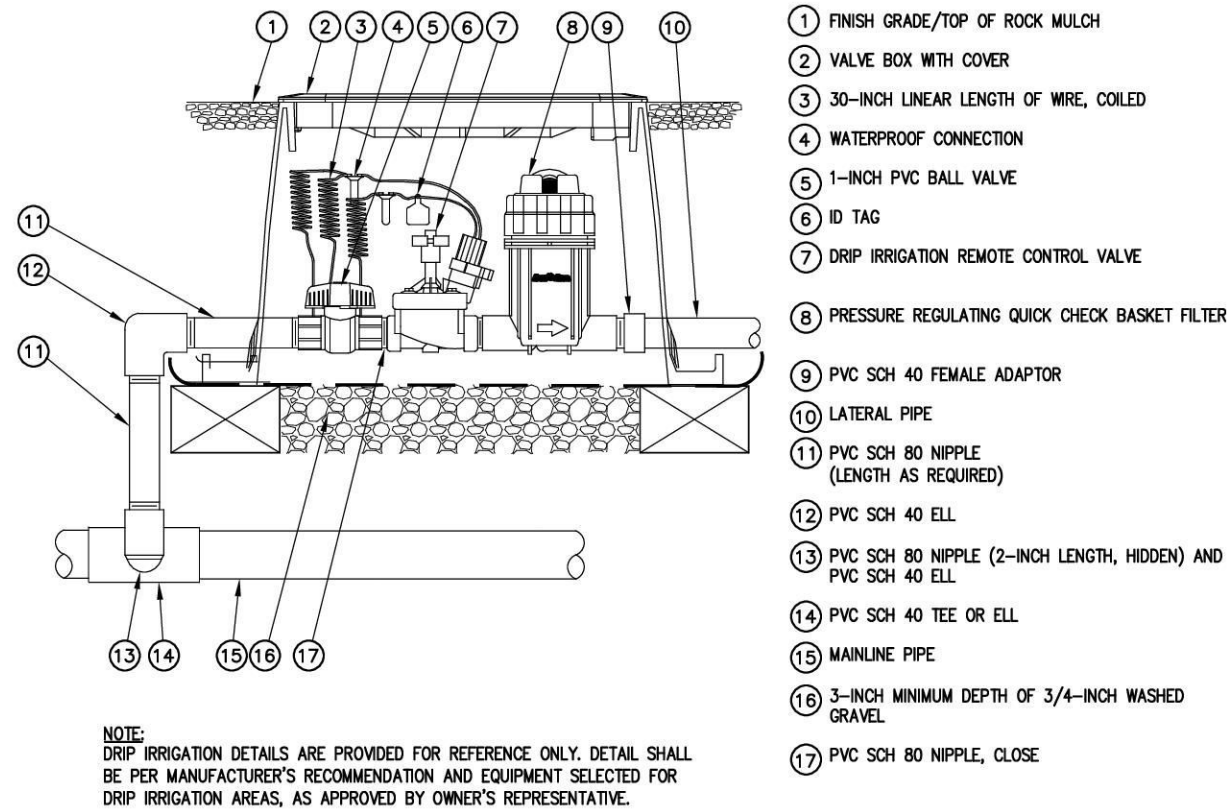
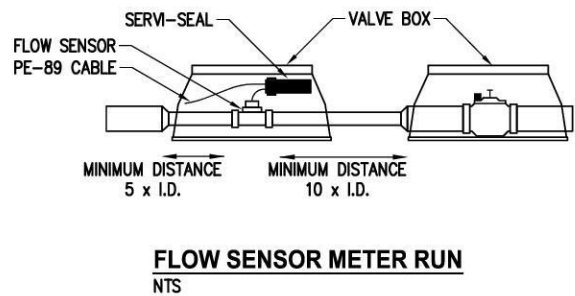
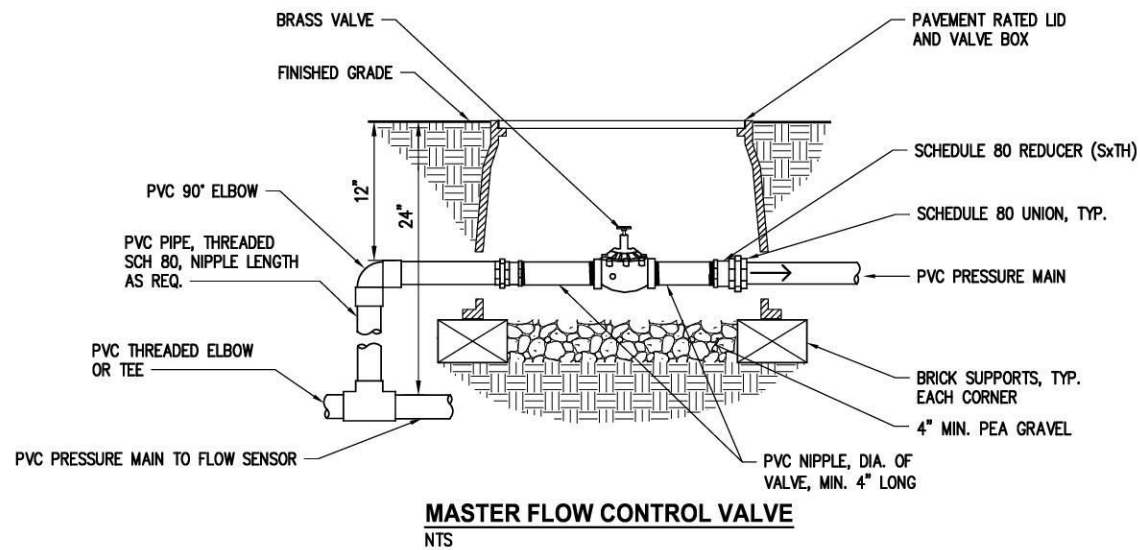
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IRRIGATION DETAILS

SCALE: AS SHOWN	
FILENAME: 9VMS010200IRD01	
PROJECT No: 9VMS010200	
SHEET: IRR-03	REV: B



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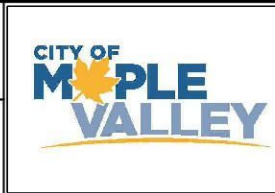
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T-57 SR 169 PEDESTRIAN BRIDGE

IRRIGATION DETAILS

SHEET: IRR-04 REV: B

SCALE: AS SHOWN
FILENAME: 9VMS010200IRD01
PROJECT No:
9VMS010200
SHEET: IRR-04 REV: B