

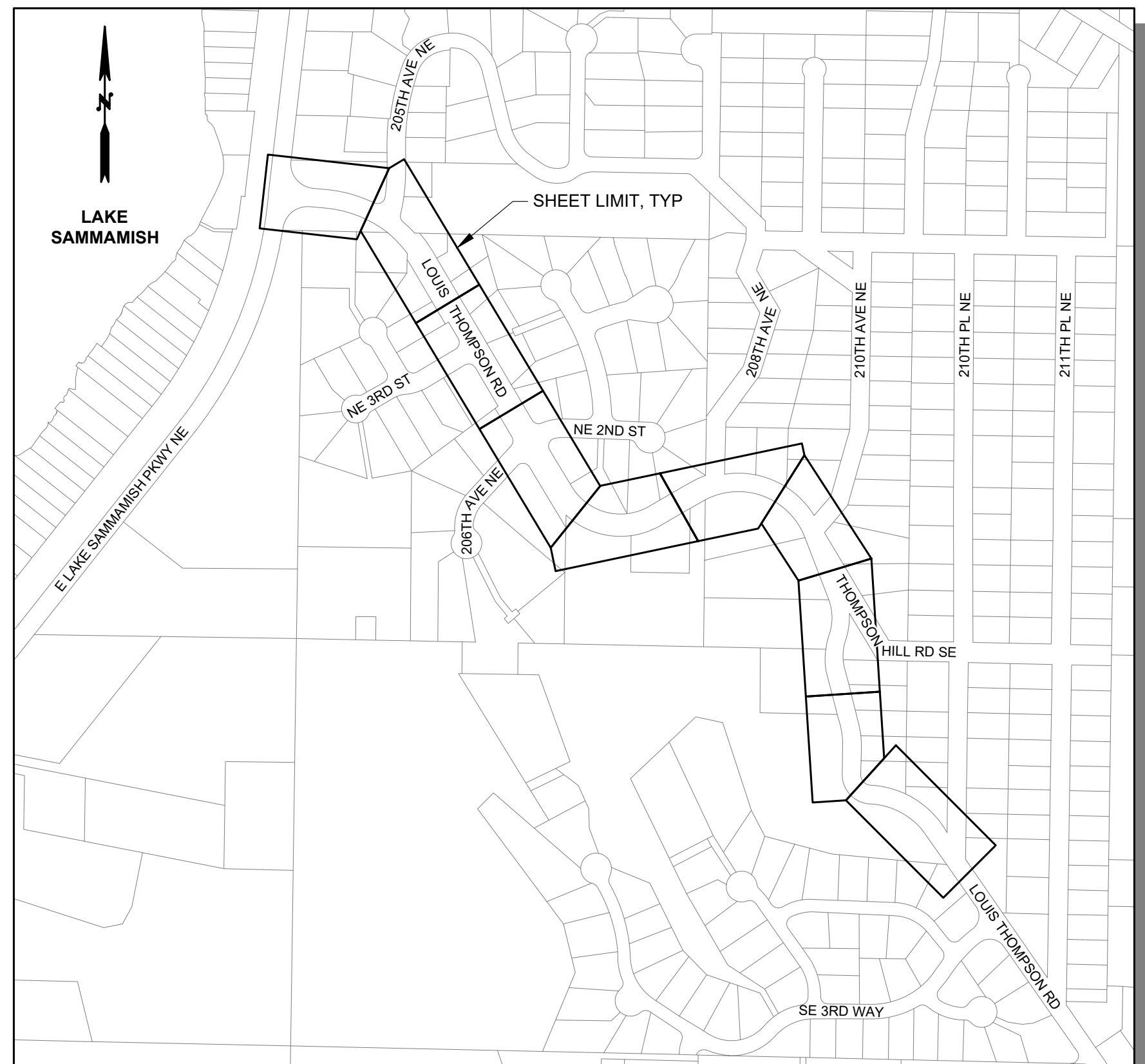
# CITY OF SAMMAMISH

## LOUIS THOMPSON ROAD

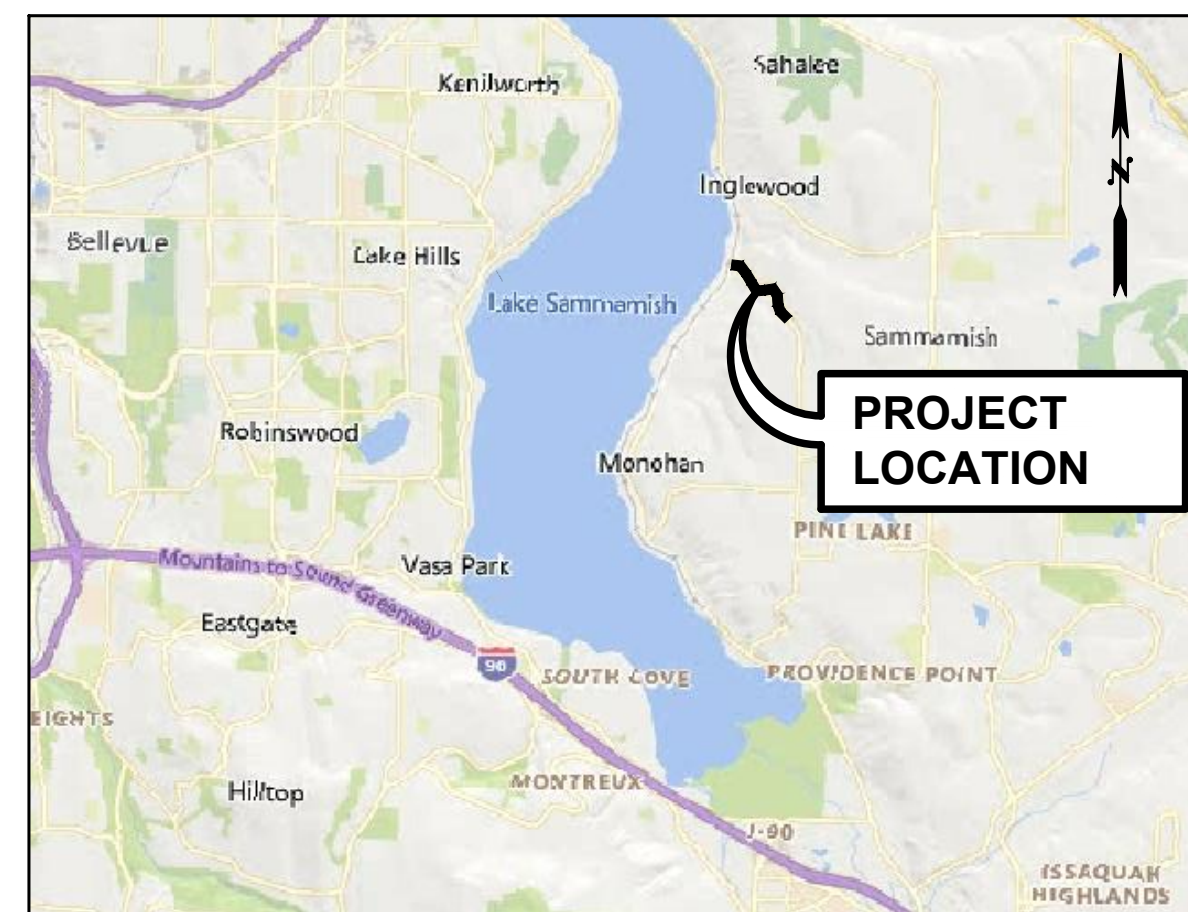
### TIGHTLINE PROJECT

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**VICINITY MAP**  
SCALE: 1"=200'



**AREA MAP**  
NOT TO SCALE

#### CITY OFFICIALS

MAYOR: KALI CLARK

DEPUTY MAYOR: AMY LAM

COUNCIL MEMBERS: ROISIN O'FARRELL, RITUJA INDAPURE, KENT TREEN, PAMELA STUART, KAREN HOWE

CITY MANAGER: SCOTT MACCOLL

PROJECT ENGINEER: JED IRELAND, P.E.

CITY ENGINEER: DOUG VAN GELDER, P.E.

DIRECTOR OF PUBLIC WORKS: AUDRIE STARSY

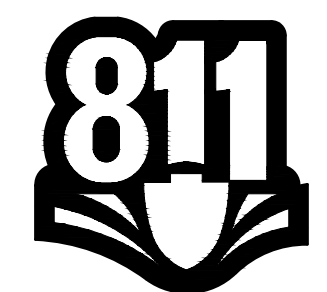
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PROJECT ENGINEER

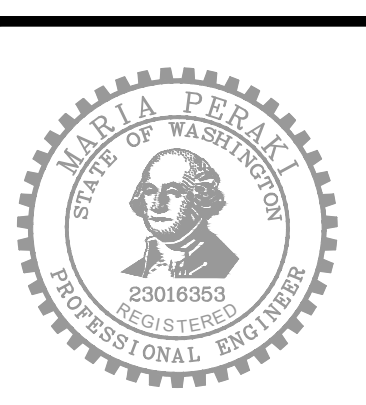
APPROVED BY:

CITY ENGINEER PUBLIC WORKS DIRECTOR

**90% SUBMITTAL (NOT FOR CONSTRUCTION)**



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PLOT TIME: 8/23/2023 2:34 PM  
USER NAME: LAURA TURNIDGE

DESIGNED BY: MP  
DRAWN BY: LT  
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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
COVER SHEET

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A	DWG NO.	CV01
SHEET		1 of 101	



**GENERAL PLAN NOTES**

- ALL MATERIALS AND WORKMANSHIP SHALL BE FURNISHED AND SUPPLIED IN ACCORDANCE WITH THE 2023 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AND CITY OF SAMMAMISH PUBLIC WORKS STANDARDS, AND THESE CONTRACT DOCUMENTS UNLESS OTHERWISE SPECIFICALLY NOTED.
- THE CONTRACTOR SHALL HAVE A COPY OF THESE PLANS, ANY ADDENDA, CHANGE ORDERS AND THE CONTRACT SPECIFICATIONS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS
- THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN THE EVENT OR DISCOVERY OF DISCREPANCIES FROM THE PLANS.
- WHEREVER PLANS REFER TO "SAWCUT" OF ASPHALT CONCRETE PAVEMENT OR CONCRETE SURFACE, THE CONTRACTOR SHALL PERFORM A FULL DEPTH "NEAT LINE CUT".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH MUTCD. PRIOR TO DISRUPTION OF ANY TRAFFIC, TRAFFIC CONTROL PLANS SHALL BE PREPARED AND SUBMITTED TO THE CITY FOR APPROVAL AT THE PRECONSTRUCTION CONFERENCE. NO WORK SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
- CONSTRUCTION HOURS ARE 7:00 AM TO 8:00 PM MONDAY THROUGH FRIDAY AND 9:00 AM TO 6:00 PM ON SATURDAYS. WORK IS NOT ALLOWED ON SUNDAYS AND SOME HOLIDAYS IN ACCORDANCE WITH SMC 16.05.030.
- DEWATERING (GROUNDWATER) SYSTEM CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT WSDOT STANDARD SPECIFICATIONS.
- OPEN CUTTING OF ROADWAYS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY AND NOTED ON THESE APPROVED PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR.
- ANY CHANGES TO THE APPROVED PLANS MUST BE SUBMITTED TO THE CITY IN WRITING. NO CONSTRUCTION ON THESE CHANGES SHALL BEGIN UNTIL APPROVED BY THE CITY.
- APPROXIMATE LOCATIONS OF EXISTING UTILITIES HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXISTING UTILITY LOCATIONS WHETHER OR NOT THESE UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXERCISE ALL CARE TO AVOID DAMAGE TO ANY UTILITY. IF CONFLICTS WITH EXISTING UTILITIES ARISE DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR AND ANY CHANGES REQUIRED SHALL BE APPROVED BY THE CITY OF SAMMAMISH PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCEMENT OF RELATED CONSTRUCTION ON THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT UTILITY LOCATES ARE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- ALL DAMAGES INCURRED TO PUBLIC AND/OR PRIVATE PROPERTY BY THE CONTRACTOR DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPAIRED TO THE SATISFACTION OF THE PUBLIC WORKS CONSTRUCTION INSPECTOR BEFORE PROJECT APPROVAL AND/OR THE RELEASE OF THE PROJECT'S PERFORMANCE BOND.

**ESC PLAN NOTES**

- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY FENCING, PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, DISTURBANCE BEYOND THE CLEARING LIMITS IS NOT PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE ESC FACILITIES MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, FLOW CONTROL BMP LOCATIONS (EXISTING AND PROPOSED), AND ADJACENT PROPERTIES IS MINIMIZED.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE A CONCEPT DESIGN. THE CONTRACTOR TO SUBMIT ESC PLANS FOR APPROVAL PRIOR TO CONSTRUCTION START. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G., ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.) OR AS DIRECTED BY THE CITY.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE ESC SUPERVISOR DURING NON-RAINFALL PERIODS, EVERY HOUR (DAYLIGHT) DURING A RAINFALL EVENT, AND AT THE END OF EVERY RAINFALL, AND MAINTAINED TO ENSURE THEIR CONTINUED PROPER FUNCTIONING. IN ADDITION, TEMPORARY SILTATION PONDS AND ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED. PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30).
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC COVER METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
- ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
- THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH (MORE FREQUENTLY AS REQUIRED BY THE PUBLIC WORKS CONSTRUCTION INSPECTOR) OR WITHIN TWENTY-FOUR (24) HOURS FOLLOWING A STORM EVENT.
- AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE KING COUNTY SURFACE WATER DESIGN MANUAL.
- PRIOR TO THE BEGINNING OF THE WET SEASON (OCTOBER 1) OF EACH YEAR, ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. THE IDENTIFIED DISTURBED AREA SHALL BE SEEDED WITHIN ONE WEEK AFTER OCTOBER 1. A SKETCH MAP DEPICTING THE AREAS TO BE SEEDED AND THE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE PUBLIC WORKS CONSTRUCTION INSPECTOR. THE INSPECTOR MAY REQUIRE SEEDING OF ADDITIONAL AREAS IN ORDER TO PROTECT SURFACE WATERS, ADJACENT PROPERTIES, OR DRAINAGE FACILITIES.

**ESC PLAN NOTES (CONTINUED)**

- IF SEDIMENT IS TRACKED OFFSITE, PUBLIC ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY DURING WET WEATHER, IF NECESSARY TO PREVENT SEDIMENT FROM ENTERING WATERS OF THE STATE. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR PICKUP SWEEPING AND SHALL BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING WILL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ONSITE, OR OTHERWISE BE PREVENTED FROM DISCHARGING INTO DRAINAGE SYSTEMS TRIBUTARY TO SURFACE WATERS.
- ANY CATCH BASINS COLLECTING RUNOFF FROM THE SITE, WHETHER THEY ARE ON OR OFF THE SITE, SHALL HAVE THEIR GRATES COVERED WITH FILTER FABRIC DURING CONSTRUCTION. CATCH BASINS DIRECTLY DOWNSTREAM OF THE CONSTRUCTION ENTRANCE OR ANY OTHER CATCH BASIN AS DETERMINED BY THE PUBLIC WORKS CONSTRUCTION INSPECTOR SHALL BE PROTECTED WITH A "FILTER FABRIC SOCK" OR EQUIVALENT. AT NO TIME SHALL MORE SEDIMENT THAN ONE-THIRD (1/3) OF THE AVAILABLE STORAGE BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN INSERT. SEE SECTION D.2.1.5.3 OF THE 2021 KCSWDM APPENDIX D.
- THE WASHED GRAVEL BACKFILL ADJACENT TO THE SILT FENCE SHALL BE REPLACED AND THE FILTER FABRIC CLEANED IF IT IS NONFUNCTIONAL BY EXCESSIVE SILT ACCUMULATION AS DETERMINED BY THE CITY OF SAMMAMISH PUBLIC WORKS CONSTRUCTION INSPECTOR.
- HIGH VISIBILITY FENCE SHALL BE INSTALLED AT ANY DROP OFF GREATER THAN FOUR INCHES IN HEIGHT WITHIN THE CONSTRUCTION AREA.
- FLUSHING CONCRETE BY-PRODUCTS OR TRUCKS NEAR OR INTO THE STORM DRAINAGE SYSTEM SHALL NOT BE ALLOWED. IF EXPOSED AGGREGATE IS FLUSHED INTO THE STORM SYSTEM, IT MAY RESULT IN RE-INSPECTION AND RE-CLEANING THE ENTIRE AFFECTED DOWNSTREAM STORM SYSTEM, OR POSSIBLY RE-LAYING THE STORM LINE.
- DURING THE WET SEASON (OCTOBER 1 – APRIL 30) NOTES:
  - THE ALLOWED TIME THAT A DISTURBED AREA MAY REMAIN UNWORKED WITHOUT COVER MEASURES IS REDUCED TO TWO CONSECUTIVE WORKING DAYS, RATHER THAN SEVEN (2021 KCSWDM SECTION D.2.1.2).
  - STOCKPILES AND STEEP CUT AND FILL SLOPES ARE TO BE PROTECTED IF UNWORKED FOR MORE THAN 12 HOURS (2021 KCSWDM SECTION D.2.1.2).
  - COVER MATERIALS SUFFICIENT TO COVER ALL DISTURBED AREAS SHALL BE STOCKPILED ON SITE (2021 KCSWDM SECTION D.2.1.2).
  - ALL AREAS THAT ARE TO BE UNWORKED DURING THE WET SEASON SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON (2021 KCSWDM SECTION D.2.1.2.6).
  - MULCH IS REQUIRED TO PROTECT ALL SEEDED AREAS (2021 KCSWDM SECTION D.2.1.2.2).
  - FIFTY LINEAR FEET OF SILT FENCE (AND THE NECESSARY STAKES) PER ACRE OF DISTURBANCE MUST BE STOCKPILED ON SITE (2021 KCSWDM SECTION D.2.1.3.1).
  - CONSTRUCTION ROAD AND PARKING LOT STABILIZATION ARE REQUIRED FOR ALL SITES UNLESS THE SITE IS UNDERLAIN BY COARSE-GRAINED SOIL (2021 KCSWDM SECTION D.2.1.4.2).
  - SEDIMENT RETENTION IS REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (2021 KCSWDM SECTION D.2.1.5).
  - SURFACE WATER CONTROLS ARE REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (2021 KCSWDM SECTION D.2.1.6).
  - PHASING AND MORE CONSERVATIVE BMPs MUST BE EVALUATED FOR CONSTRUCTION ACTIVITY NEAR SURFACE WATERS (2021 KCSWDM SECTION D.2.4.3).
  - ANY RUNOFF GENERATED BY DEWATERING MAY BE REQUIRED TO DISCHARGE TO THE SANITARY SEWER (WITH APPROPRIATE DISCHARGE AUTHORIZATION), PORTABLE SAND FILTER SYSTEMS, OR HOLDING TANKS (2021 KCSWDM SECTION D.2.1.7).
- A DETAILED CONSTRUCTION SEQUENCE IS REQUIRED TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE APPLIED AT THE APPROPRIATE TIMES. A CONSTRUCTION SEQUENCE TEMPLATE IS PROVIDED BELOW, TO BE UPDATED TO SPECIFICALLY MATCH THE PROJECT:
  - PRE-CONSTRUCTION MEETING.
  - POST SIGN WITH NAME AND PHONE NUMBER OF CSWPPP/ESC SUPERVISOR.
  - FLAG OR FENCE CLEARING LIMITS.
  - INSTALL CATCH BASIN PROTECTION, IF REQUIRED.
  - GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
  - INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
  - CONSTRUCT SEDIMENT PONDS AND TRAPS.
  - GRADE AND STABILIZE CONSTRUCTION ROADS.
  - CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE SLOPE DRAINS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.
  - MAINTAIN EROSION CONTROL MEASURE IN ACCORDANCE WITH CITY PUBLIC WORKS STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
  - RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE CITY ESC MINIMUM REQUIREMENTS.
  - COVER ALL AREAS WITHIN THE SPECIFIED TIME FRAME WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, CRUSHED ROCK OR EQUIVALENT.
  - STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN (7) DAYS.
  - SEED OR SOD ANY AREAS TO REMAIN UN-WORKED FOR MORE THAN THIRTY (30) DAYS.
  - UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BEST MANAGEMENT PRACTICES (BMPs) REMOVED IF APPROPRIATE.

**SWPPS PLAN NOTES**

- PROTECTION OF THE ENVIRONMENT: NO CONSTRUCTION RELATED ACTIVITY SHALL CONTRIBUTE TO THE DEGRADATION OF THE ENVIRONMENT, ALL MATERIAL TO ENTER SURFACE OR GROUND WATERS, OR ALLOW PARTICULATE EMISSIONS TO THE ATMOSPHERE, WHICH EXCEED STATE OR FEDERAL STANDARDS. ANY ACTION THAT POTENTIALLY ALLOW A DISCHARGE TO STATE WATERS MUST HAVE PRIOR APPROVAL OF THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.
- ALL POLLUTANTS, INCLUDING WASTE MATERIALS, THAT OCCUR ONSITE SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.
- COVER, CONTAINMENT, AND PROTECTION FROM VANDALISM SHALL BE PROVIDED FOR ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCTS, AND NON-INERT WASTES PRESENT ON THE SITE (SEE CHAPTER 173-304-100 WAC FOR THE DEFINITION OF INERT WASTE). ONSITE FUELING TANKS SHALL INCLUDE SECONDARY CONTAINMENT.
- MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, SOLVENT AND DE-GREASING CLEANING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF MUST BE CONDUCTED USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CONTAMINATED SURFACES SHALL BE CLEANED IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. EMERGENCY REPAIRS MAY BE PERFORMED ONSITE USING TEMPORARY PLASTIC PLACED BENEATH AND, IF RAINING, OVER THE VEHICLE.
- MEASURES SHALL BE USED TO PREVENT OR TREAT CONTAMINATION OF STORMWATER RUNOFF BY PH MODIFYING SOURCES. THESE SOURCES INCLUDE, BUT ARE NOT LIMITED TO, BULK CEMENT, CEMENT KILN DUST, FLY ASH, NEW CONCRETE WASHING AND CURING WATERS, WASTE STREAMS GENERATED FROM CONCRETE GRINDING AND SAWING, EXPOSED AGGREGATE PROCESSES, AND CONCRETE PUMPING AND MIXER WASHOUT WATERS. STORMWATER DISCHARGES SHALL NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE WATER QUALITY STANDARD FOR PH IN THE RECEIVING WATER.

**DRAINAGE PLAN NOTES**

- ALL INLET, MANHOLE, AND CATCH BASIN FRAMES AND GRATES SHALL NOT BE ADJUSTED TO GRADE UNTIL IMMEDIATELY PRIOR TO FINAL PAVING, EXCEPT CATCH BASIN INLETS LOCATED IN THE CURB FLOW LINE. ALL CATCH BASIN GRATES SHALL BE SET 0.10' BELOW PAVEMENT LEVEL.
- ALL CATCH BASIN GRATES SHALL BE VANED GRATES OR SOLID LID COVERS UNLESS OTHERWISE NOTED IN THE PLANS.
- ONCE BACKFILL IS COMPLETE, THE LINE AND GRADE AT PIPE FLOW LINE LEAVING STANDING WATER GREATER THAN ONE-HALF INCH IN DEPTH SHALL NOT BE ACCEPTED AND MUST BE REPAIRED PRIOR TO ACCEPTANCE BY THE CITY.
- ALL ROCKERY OR RETAINING WALL DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM, OR DAYLIGHTED TO AN ACCEPTABLE DISCHARGE LOCATION AS APPROVED BY THE ENGINEER.

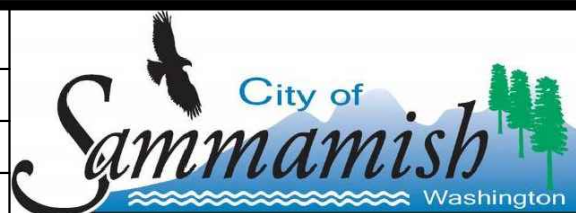
**ROADWAY PLAN NOTES**

- ALL CONCRETE FOR SIDEWALKS AND CURB AND GUTTER MUST BE 4,000-PSI MINIMUM AND FOUR (4) INCHES THICK WHEN NOT VEHICLE ACCESSIBLE AND SIX (6) INCHES THICK WHEN ACCESSIBLE TO VEHICLES.
- IN THE CASE OF NEW ROAD CONSTRUCTION OR RECONSTRUCTION REQUIRING MAILBOXES TO BE MOVED OR REARRANGED, THE APPLICANT/CONTRACTOR SHALL COORDINATE WITH THE U.S. POSTAL SERVICE FOR THE NEW LOCATION OF THE MAILBOX STRUCTURE, AND SHALL NOTIFY THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR AND MAILBOX USER(S) OF THE CHANGE A MINIMUM OF TWO (2) WEEKS BEFORE IT OCCURS.
- ANY ROADWAY SIGNAGE OR STRIPING THAT IS DAMAGED, REMOVED, OR TEMPORARILY RELOCATED BY THE CONTRACTOR SHALL BE RESTORED TO MEET THE CURRENT CITY OF SAMMAMISH PUBLIC WORKS STANDARDS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY TRAFFIC CONTROL TO ENSURE TRAFFIC AND NON-MOTORIZED USER SAFETY DURING CONSTRUCTION ACTIVITIES. THEREFORE, THE CONTRACTOR SHALL USE THE TRAFFIC CONTROL PLANS THAT ARE PART OF THIS PLAN SET OR SUBMIT AN ALTERNATIVE TRAFFIC CONTROL PLAN TO THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR A MINIMUM OF TWO (2) WEEKS PRIOR TO STARTING ANY WORK IN THE RIGHT-OF-WAY. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) OR AS APPROVED BY THE TRAFFIC ENGINEER.
- WHERE A SIDEWALK IS TO BE CONSTRUCTED ABOVE A SLOPE OR ADJACENT TO A ROCKERY OR RETAINING WALL WHERE THE LOWEST FINISHED ELEVATION OF THE SLOPE, ROCKERY, OR RETAINING WALL IS TO BE THIRTY INCHES (30") OR MORE BELOW THE FINISHED ELEVATION OF THE SIDEWALK, A SAFETY RAILING SHALL BE REQUIRED WHEN: (A) THE VERTICAL WALL FACE IS LESS THAN FOUR FEET IN HORIZONTAL DISTANCE FROM THE NEAR SIDE FACE OF THE FACILITY; (B) THE VERTICAL WALL FACE IS GREATER THAN FOUR FEET HORIZONTALLY TO THE NEAR SIDE FACE OF THE FACILITY AND THE SLOPE TO THE WALL IS STEEPER THAN 1V:3H; (C) THE SLOPES ADJACENT TO THE FACILITY AVERAGE GREATER THAN 1V:2H. SEE FIGURE 15.3 OF THE PUBLIC WORKS STANDARDS.
- SIDEWALK AND CURB AND GUTTER CANNOT BE POURED MONOLITHICALLY. THERE MUST BE A FULL DEPTH EXPANSION JOINT BETWEEN THEM.
- DEAD-END STREETS SHALL BE SIGNED IN ACCORDANCE WITH THE MUTCD. SEE SHEETS 56-65 FOR CHANNELIZATION AND SIGNING PLAN.
- ANY EXISTING PUBLIC IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- OPEN CUT ROAD CROSSINGS FOR UTILITY TRENCHES ON EXISTING TRAVELED ROADWAY SHALL BE BACKFILLED ONLY WITH 5/8" MINUS CRUSHED ROCK AND MECHANICALLY COMPACTED. A TEMPORARY COLD MIX PATCH MUST BE PLACED IMMEDIATELY AFTER BACKFILL AND COMPACTION. A PERMANENT HOT MIX PATCH SHALL BE PLACED WITHIN 30 DAYS AND SHALL BE A MINIMUM OF 1" THICKER THAN THE ORIGINAL ASPHALT WITH A MINIMUM THICKNESS OF 2".
- ALL TRENCH BACKFILL SHALL BE COMPACTED TO 95 PERCENT DENSITY (MODIFIED PROCTOR ASTM-D1557) IN ROADWAYS, ROADWAY SHOULDERS, ROADWAY PRISM AND DRIVEWAYS, AND 90 PERCENT DENSITY (MODIFIED PROCTOR ASTM-D1557) IN UNPAVED AREAS. ALL PIPE ZONE COMPACTION SHALL BE 95 PERCENT (MODIFIED PROCTOR ASTM-D1557).
- WHEN AN EXISTING ROADWAY IS TO BE WIDENED, THE EXISTING PAVEMENT MUST BE SAW CUT AT LEAST ONE FOOT FROM THE EDGE TO PROVIDE A PROPER MATCH BETWEEN NEW AND EXISTING ASPHALT. WHEN THE EXISTING PAVEMENT CONDITION PREVENTS A STRAIGHT CUT, THE SAW CUT MUST BE MADE AT THE NEAREST LANE EDGE. ALL SAW CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE RIGHT-OF-WAY CENTERLINE.
- PROOF ROLLING SHALL BE REQUIRED OF ALL SIDEWALKS, CURBS, AND ROADWAYS AT THE DISCRETION OF THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR TO ENSURE ADEQUATE COMPACTION.

FILE NAME: C:\PW\OCL\WORKINGDIROSBORCONCONSULTING-PW-BENTLEY.COM\OSBORCONCONSULTING-PW-01\LAURA TURNING\DWG\10-210058\_NOTE.DWG  
PLOT TIME: 8/23/2023 2:34 PM  
USER NAME: LAURA TURNING

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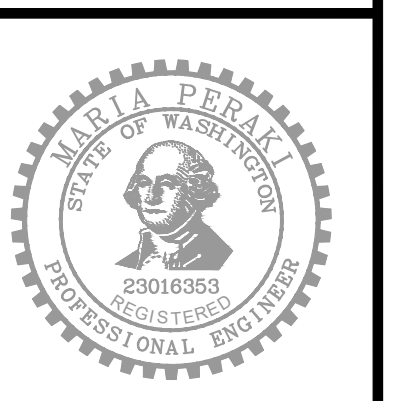
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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
**GENERAL NOTES**

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: N/A V: N/A	<b>GN01</b> SHEET 2 of 101

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FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW-BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P\_10-210058\_LOND.DWG  
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 USER NAME: LAURA TURNDIGE

**ABBREVIATIONS**

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	LT	LEFT
ADS	ADVANCED DRAINAGE SYSTEM (HDPE CULVERT)	LTTT	LOUIS THOMPSON TIGHTLINE PROJECT
AP	APPROACH	M	MAPLE TREE
APS	ACCESSIBLE PEDESTRIAN SIGNALS	MA	MADRONE TREE
ASPH	ASPHALT	MAX	MAXIMUM
AWCM	ARBORIST WOOD CHIP MULCH	MEF	MAXIMUM EXTENT FEASIBLE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MIN	MINIMUM
BMP	BEST MANAGEMENT PRACTICE	MH, M.H.	MANHOLE
BOT	BOTTOM	MTD	MOUNTED
BRK	GRADE BREAK	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
CB	CATCH BASIN	N	NORTHING
C	CEDAR TREE	NEC	NATIONAL ELECTRICAL CODE
C.O.S.	CITY OF SAMMAMISH	NTS	NOT TO SCALE
CC	CONCRETE CURB	O.C.	ON CENTER
CCTV	CLOSED CIRCUIT TELEVISION	O.D.	OUTER DIAMETER
CFS	CUBIC FEET PER SECOND	PC	POINT OF CURVATURE
CG	CURB GUTTER	PCC	POINT OF COMPOUND CURVATURE
CL	CENTER LINE	PSE	PUGET SOUND ENERGY
CLF	CHAIN LINK FENCE	PSI	POUNDS PER SQUARE INCH
CLR	CLEARANCE	PSORB	PHOSPHOSORB
CMP	CORRUGATED METAL PIPE	PT	POINT OF TANGENCY
CMU	CONCRETE MASONRY UNIT	PVC	POLYVINYL CHLORIDE
COMM	COMMUNICATIONS LINE	PVI	POINT OF VERTICAL INTERSECTION
CONC	CONCRETE	PWS	PUBLIC WORKS STANDARDS
CONST	CONSTRUCTION	R	RADIUS OF CURVE
CPP	CORRUGATED PLASTIC PIPE	RCW	REVISED CODE OF WASHINGTON
CSBC	CRUSHED SURFACE BASE COURSE	REC	RECTANGULAR
CSWPP	CONSTRUCTION STORMWATER POLLUTION PREVENTION	RET	RETAINING
CTR	CENTER	RPM	RAISED PAVEMENT MARKING
CW	CONCRETE SIDEWALK	RR	RAILROAD
DBY/DYCL	DOUBLE YELLOW CENTERLINE	RT	RIGHT
DEC	DECIDUOUS TREE	RW, ROW	RIGHT OF WAY
DI	DUCTILE IRON	S	SLOPE
DIA, DIAM.	DIAMETER	SCH	SCHEDULE
DIT	DITCH	SD	STORM DRAIN
DMS	DYNAMIC MESSAGE SIGN	SDMH	STORM DRAIN MAINTENANCE HOLE
DW, DWY	DRIVEWAY	SMC	SAMMAMISH MUNICIPAL CODE
DWG	DRAWING	SPA	SPACING
E	EASTING	SSMH	SANITARY SEWER MAINTENANCE HOLE
EG	EXISTING GRADE	SWLK	SIDEWALK
EL, ELEV	ELEVATION	SWPPS	STORMWATER POLLUTION PREVENTION AND SPILL CONTROL
EP	EDGE OF PAVEMENT	STA	STATION
ESC	EROSION & SEDIMENT CONTROL	T	TANGENT
EX	EXISTING	TBD	TO BE DETERMINED
F	FIR TREE	TCE	TEMPORARY CONSTRUCTION EASEMENT
FG	FINISHED GRADE	TOE	TOE OF SLOPE
FIG	FIGURE	TOP	TOP OF SLOPE
FL	FLOW LINE	TYP	TYPE ALL
FOG	PAINTED FOG LINE	UFO	UNDERGROUND FIBER OPTIC CONDUIT
GPM	GALLONS PER MINUTE	U.N.O.	UNLESS OTHERWISE NOTED
H	HORIZONTAL	UP	UTILITY POLE
HMA	HOT MIX ASPHALT	V	VERTICAL
HDPE	HIGH DENSITY POLYETHYLENE	VC	VERTICAL CURVE
HVF	HIGH VISIBILITY FENCE	VMS	VARIABLE MESSAGE SIGNAL
I.D.	INNER DIAMETER	WAC	WASHINGTON ADMINISTRATIVE CODE
IE, INV	INVERT ELEVATION	WDF	WOOD FENCE
K	CURVATURE	WF	WETLAND FLAG
KCRDCS	KING COUNTY ROAD DESIGN AND CONSTRUCTION	WQ	WATER QUALITY FACILITY
KCSWDM	KING COUNTY SURFACE WATER DESIGN MANUAL	WS	WATER SURFACE
L	LENGTH OF CURVE	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
LF	LINEAR FEET	YRS	YEARS
LID	LOW IMPACT DEVELOPMENT		

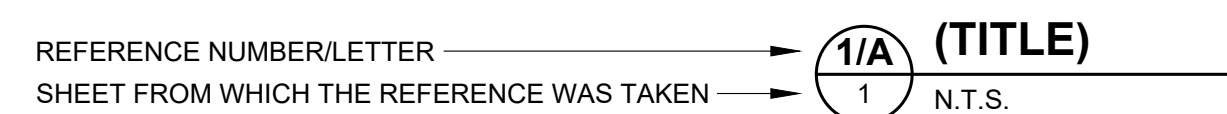
**EXISTING LEGEND**

	EXISTING RIGHT-OF-WAY CENTER LINE
	EXISTING RIGHT-OF-WAY LINE
	PARCEL LINE
	GUARD RAIL
	TRAFFIC STRIPING
	CHAIN LINK FENCE LINE (CLF)
	WOOD FENCE LINE (WDF)
	EDGE OF GRAVEL
	FLOWLINE
	EDGE OF DITCH
	TOE OF SLOPE
	TOP OF SLOPE
	NATURAL GAS PIPE
	POWER LINE
	POWER OVERHEAD LINE
	TELEPHONE LINE
	TELEPHONE OVERHEAD LINE
	FIBER OPTIC LINE
	STORM DRAIN PIPE LESS THAN 12" DIAMETER
	STORM DRAIN PIPE GREATER THAN OR EQUAL TO 12" DIAMETER
	STORM DRAIN PIPE
	STREAM
	WETLAND
	STREAM/WETLAND BUFFER
	BUILDING LINE
	MONUMENT IN CASE (FOUND AS NOTED)
	IRON PIPE (FOUND AS NOTED)
	REBAR (FOUND AS NOTED)
	GAS VALVE
	POWER JUNCTION/PULL BOX
	POWER POLE
	POWER POLE/LIGHT POLE
	LIGHT POLE WITH ARM
	LIGHT POLE
	GUY ANCHOR
	SIGNAL POLE W/ ARM
	TRAFFIC SIGNAL/STREET LIGHT
	PEDESTRIAN SIGNAL
	TRAFFIC SIGNAL CABINET
	TELEPHONE RISER
	TELEPHONE JUNCTION BOX
	TELEPHONE POLE
	FIBER OPTIC MANHOLE
	FIRE HYDRANT
	IRRIGATION CONTROL VALVE
	WATER BLOW-OFF
	WATER METER
	WATER VALVE
	WATER VAULT
	STORM AREA DRAIN
	STORM CATCH BASIN
	STORM CLEANOUT
	STORM DRAIN MANHOLE
	STORM CULVERT
	SEWER MANHOLE
	POST OR BOLLARD
	MAILBOX

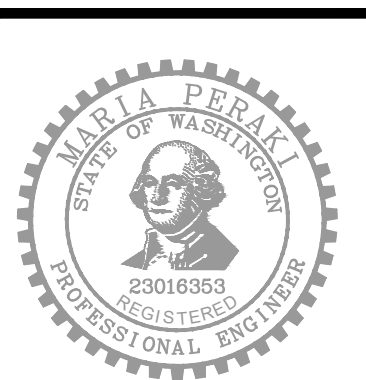
**PROPOSED LEGEND**

	REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE		FILL / CUT SLOPES
	HVF HIGH VISIBILITY FENCE		PROPOSED GRAVITY BLOCK RETAINING WALL
	HVS HIGH VISIBILITY SILT FENCE		PROPOSED SOLDIER PILE WALL
	REMOVE CURB		SAWCUT
	STRUCTURE EXCAVATION CLASS B INCLUDING HAUL		CHAIN LINK FENCE
	ROADWAY EXCAVATION INCLUDING HAUL		DETECTABLE WARNING PATTERN
	PLANE FOR OVERLAY		HMA PAVEMENT (FULL DEPTH)
	REMOVE TREE		HMA OVERLAY LIMITS
	INLET PROTECTION		CEMENT CONCRETE SIDEWALK / DRIVEWAY APPROACH / PAVEMENT
	STORM DRAINAGE PIPE		GRAVEL (CSBC)
	CATCH BASIN TYPE 1		LANDSCAPE RESTORATION AREA
	CATCH BASIN TYPE 1L		PROPOSED SIGN
	CATCH BASIN TYPE 2 WITH GRATE		PROPOSED MAILBOX LOCATION
	CATCH BASIN TYPE 2 WITH SOLID LID		UNDERGROUND FIBER OPTIC CONDUIT
	CATCH BASIN TYPE 2 WITH DEBRIS CAGE		HAND HOLE
	MANHOLE TYPE 1		
	DETENTION PIPE		
	WATER QUALITY FACILITY, SEE SHEETS 29-30 FOR DETAILS		
	GRASS-LINED V-DITCH		
	OUTFALL PAD		

**DETAIL AND SECTION REFERENCING**



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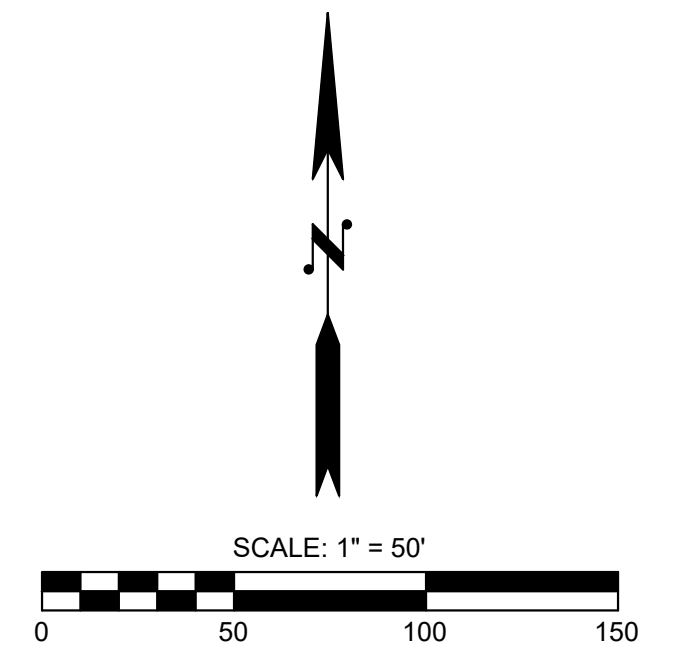


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**LEGEND AND ABBREVIATIONS**

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: N/A V: N/A	<b>LG01</b> SHEET 3 of 101

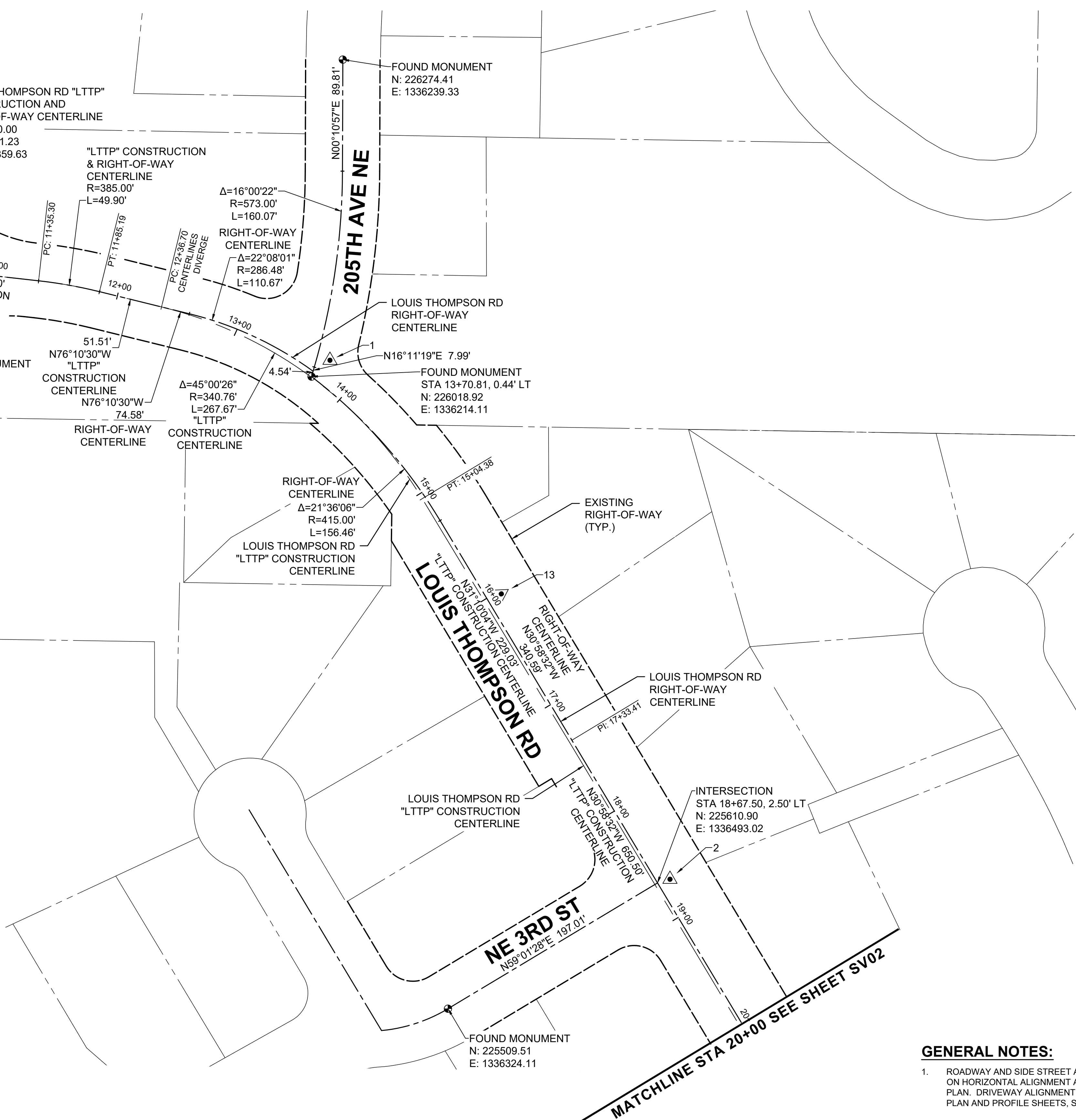


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 PLOT TIME: 8/23/2023 2:35 PM  
 USER NAME: LAURA TURNDIGE



- PURPOSE OF THIS SURVEY** THIS SURVEY WAS PERFORMED DURING JANUARY AND FEBRUARY, 2022 WITH ADDITIONAL SURVEY IN MARCH AND APRIL 2023 IN SUPPORT OF CITY OF SAMMAMISH LOUIS THOMPSON ROAD TIGHTLINE PROJECT AND IS INTENDED TO BE USED FOR THIS PURPOSE. SPECIFIC INFORMATION SHOWN HEREON SHOULD BE VERIFIED AS TO ITS ACCURACY IF THIS SURVEY IS TO BE USED FOR PURPOSES OTHER THAN WHAT IT WAS INTENDED FOR.
- METHODOLOGY** FIELD MEASUREMENTS FOR THIS SURVEY WERE PERFORMED USING TRIMBLE R12i GPS RECEIVERS AND A TRIMBLE S7 TOTAL STATION. THIS SURVEY COMPLIES WITH THE MINIMUM REQUIRED "ERROR OF CENTERLINE SURVEY" OF 1:10,000 FOR WASHINGTON STATE PLANE COORDINATES AS SET FORTH PER W.A.C. 332-130-090 (AND POSITIONAL TOLERANCE LEVELS OF LESS THAN 0.011 METERS).
- BASIS OF BEARING** WASHINGTON COORDINATE SYSTEM, NORTH ZONE, NAD83-2011
- VERTICAL DATUM** NAVD 88  
 KING COUNTY BENCHMARK DESIGNATION 1499: ELEVATION 58.86 (E LK SAMMAMISH PKWY & LOUIS THOMPSON RD)  
 KING COUNTY BENCHMARK DESIGNATION 1429: ELEVATION 393.25' (212TH AVE SE & SE 8TH ST)
- MONUMENTATION VISITATION** ALL SURVEY MONUMENTS AND OTHER SURVEY MARKERS SHOWN HEREON WERE VISITED DURING JANUARY, 2022 UNLESS OTHERWISE INDICATED.
- ENCUMBRANCES** THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT, ACCORDINGLY, ANY EASEMENTS OR RESTRICTIONS OF RECORD WHICH MAY BE REVEALED IN TITLE REPORT HAVE NOT BEEN INCENTERLINEUDED HEREON.

SURVEY CONTROL POINT TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	226032.109	1336228.969	100.64	SET NAIL
2	225613.852	1336503.062	138.60	SET NAIL
13	225843.823	1336367.099	118.21	SET NAIL
3506	226148.617	1335842.470	58.89	SET NAIL



**GENERAL NOTES:**

- ROADWAY AND SIDE STREET ALIGNMENT DATA SHOWN ON HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN. DRIVEWAY ALIGNMENT DATA IS ON DRIVEWAY PLAN AND PROFILE SHEETS. SEE SHEETS 67-73.

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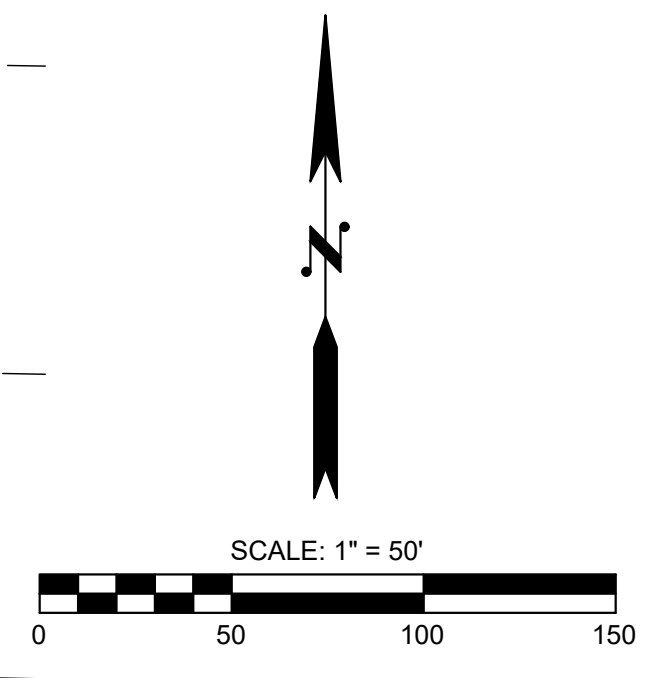
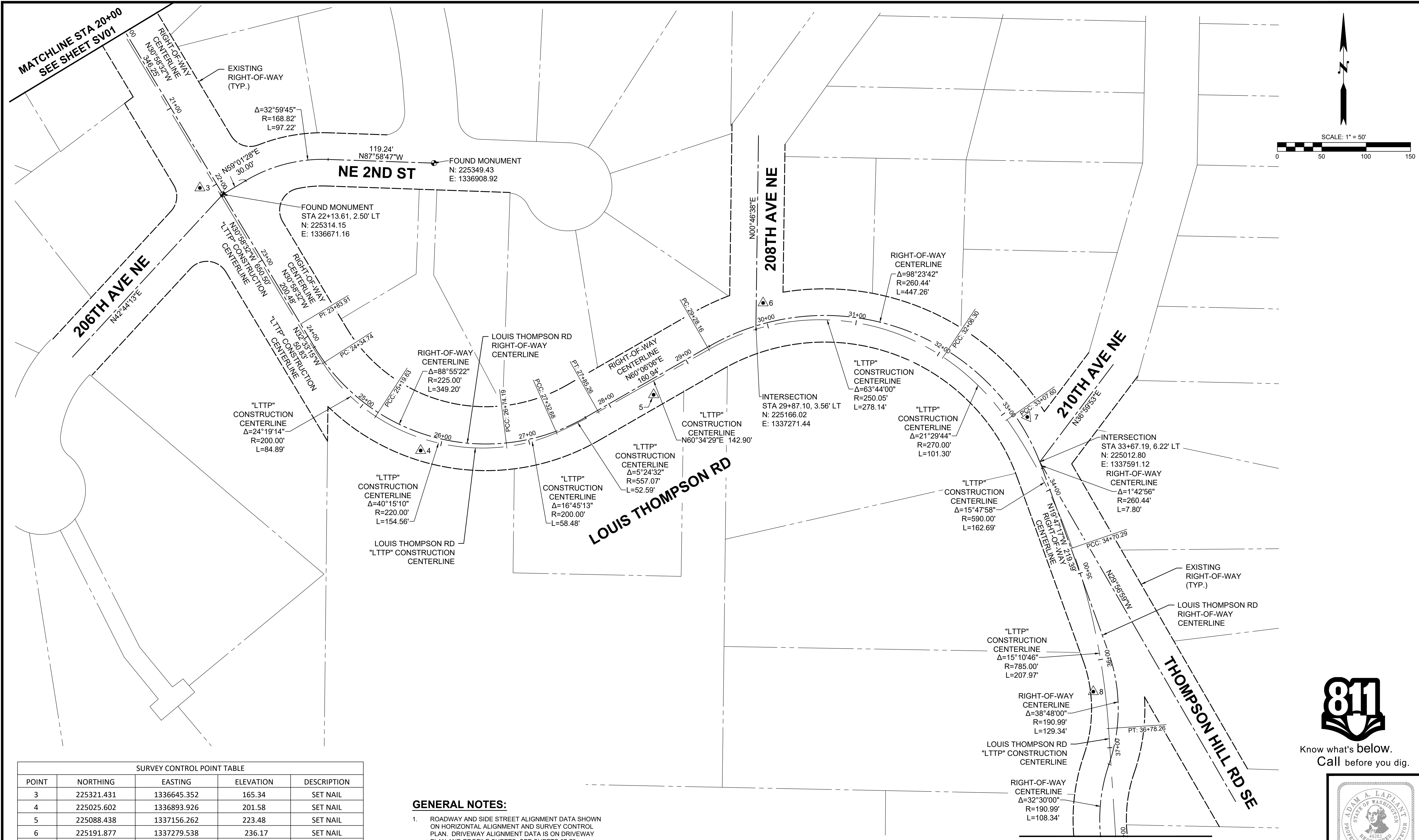


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=50' V: N/A	SHEET	SV01
			4 of 101



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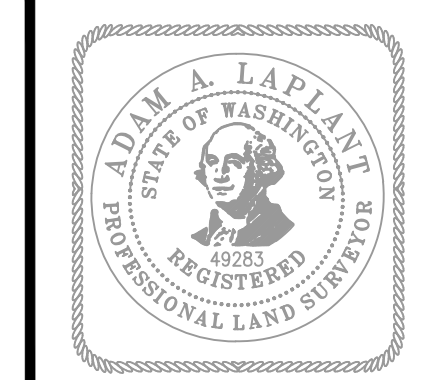
SURVEY CONTROL POINT TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	225321.431	1336645.352	165.34	SET NAIL
4	225025.602	1336893.926	201.58	SET NAIL
5	225088.438	1337156.262	223.48	SET NAIL
6	225191.877	1337279.538	236.17	SET NAIL
7	225063.351	1337577.029	264.74	SET NAIL
8	224753.917	1337651.390	287.01	SET NAIL

**GENERAL NOTES:**

- ROADWAY AND SIDE STREET ALIGNMENT DATA SHOWN ON HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN. DRIVEWAY ALIGNMENT DATA IS ON DRIVEWAY PLAN AND PROFILE SHEETS. SEE SHEETS 67-73.



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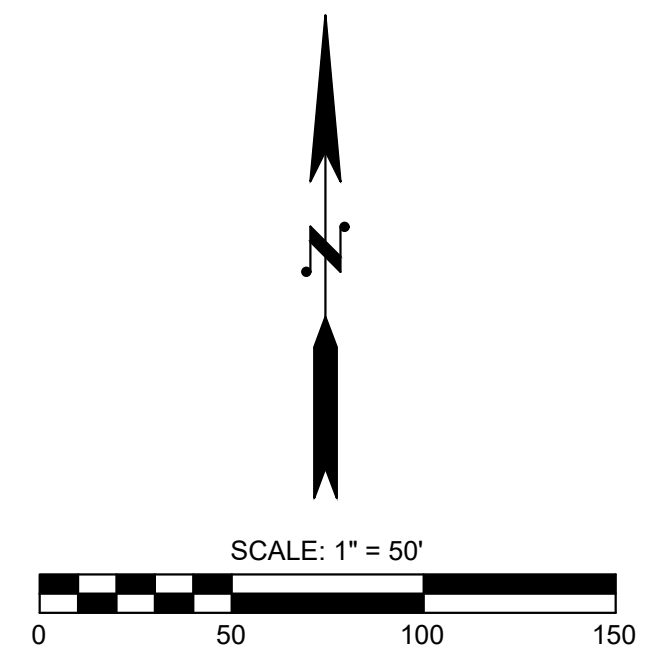
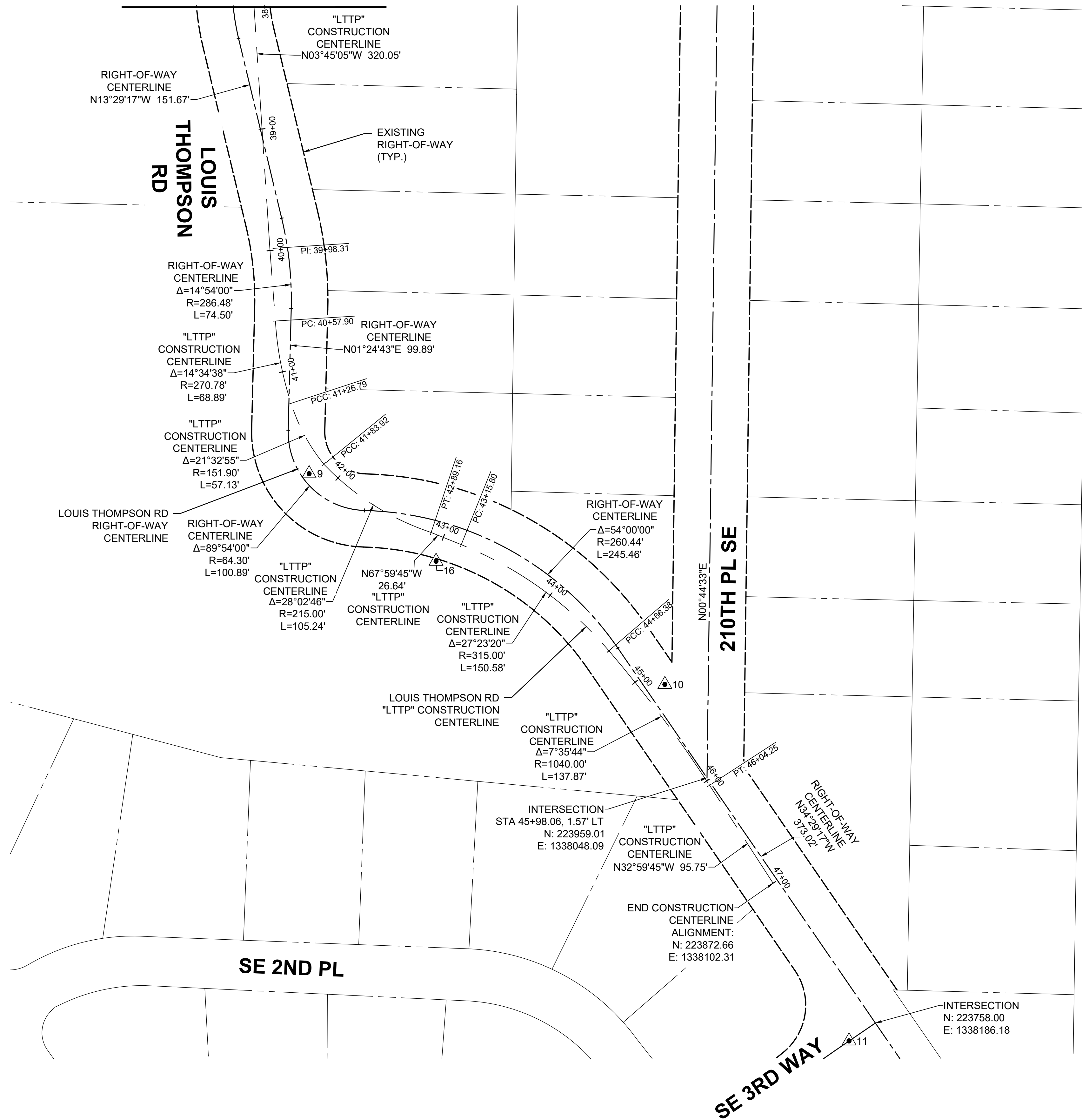
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				SCALE H: 1"=50'    V: N/A		SHEET 5 of 101	

MATCHLINE STA 38+00  
SEE SHEET SV03      90% SUBMITTAL (NOT FOR CONSTRUCTION)



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 USER NAME: LAURA TURNDIGE

MATCHLINE STA 38+00 SEE SHEET SV02



**GENERAL NOTES:**

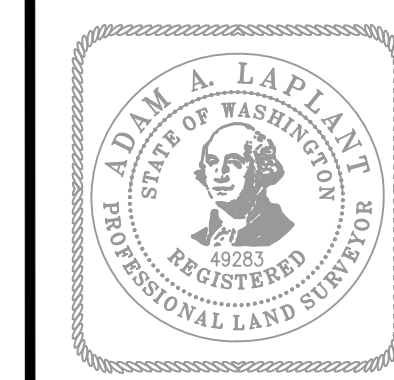
- ROADWAY AND SIDE STREET ALIGNMENT DATA SHOWN ON HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN. DRIVEWAY ALIGNMENT DATA IS ON DRIVEWAY PLAN AND PROFILE SHEETS, SEE SHEETS 67-73.

SURVEY CONTROL POINT TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
9	224208.488	1337721.720	337.89	SET NAIL
10	224035.653	1338013.510	356.63	SET NAIL
11	223743.317	1338164.579	364.97	SET NAIL
16	224136.666	1337825.848	346.78	SET REBAR



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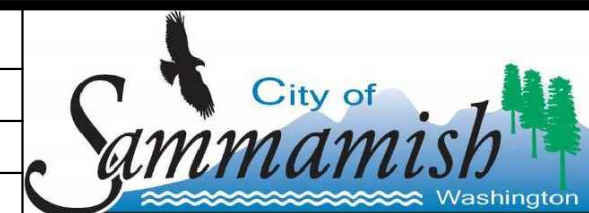
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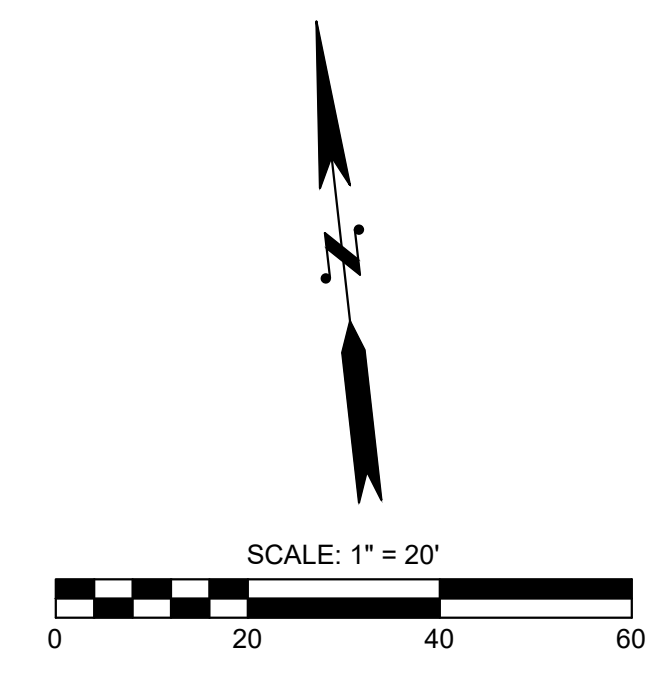
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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=50' V: N/A	SHEET	SV03 6 of 101





**GENERAL NOTES:**

1. PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
2. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 45-54.
3. CONTRACTOR TO NOTIFY PROPERTY OWNER(S) TWO (2) WEEKS PRIOR TO CONSTRUCTION, TO COORDINATE DRIVEWAY ACCESS. DRIVEWAY INGRESS/EGRESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE PROPERTY OWNER.
4. DISTURBANCE AND CLEARING LIMITS SHALL BE MINIMIZED TO THE AREA NECESSARY FOR INSTALLATION OF TEMPORARY AND PERMANENT ELEMENTS. ONLY REMOVE THE MINIMUM VEGETATION NEEDED FOR CONSTRUCTION ACTIVITIES. CLEARING LIMITS SHALL BE DELINEATED USING A HVF AND GENERALLY MATCH THE ROW AND TCE LIMITS, UNLESS OTHERWISE SHOWN IN SHEETS 7-16.
5. PROTECT EXISTING TREE WITHIN THE WORK AREA AND WITHIN 5 FEET FROM THE WORK LIMITS IN ACCORDANCE WITH SHEET 17 DETAIL 1 OR 2 AS FEASIBLE TO PERFORM WORK.
6. INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
7. SEE APPENDIX X OF PROJECT'S SPECIAL PROVISIONS FOR WORK (SITE PREPARATION AND PROPOSED CONDITION) RELATED TO THE WATER LINE, HYDRANTS, AND METERS/VALVES FROM STA 13+50 TO STA 45+50.
8. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

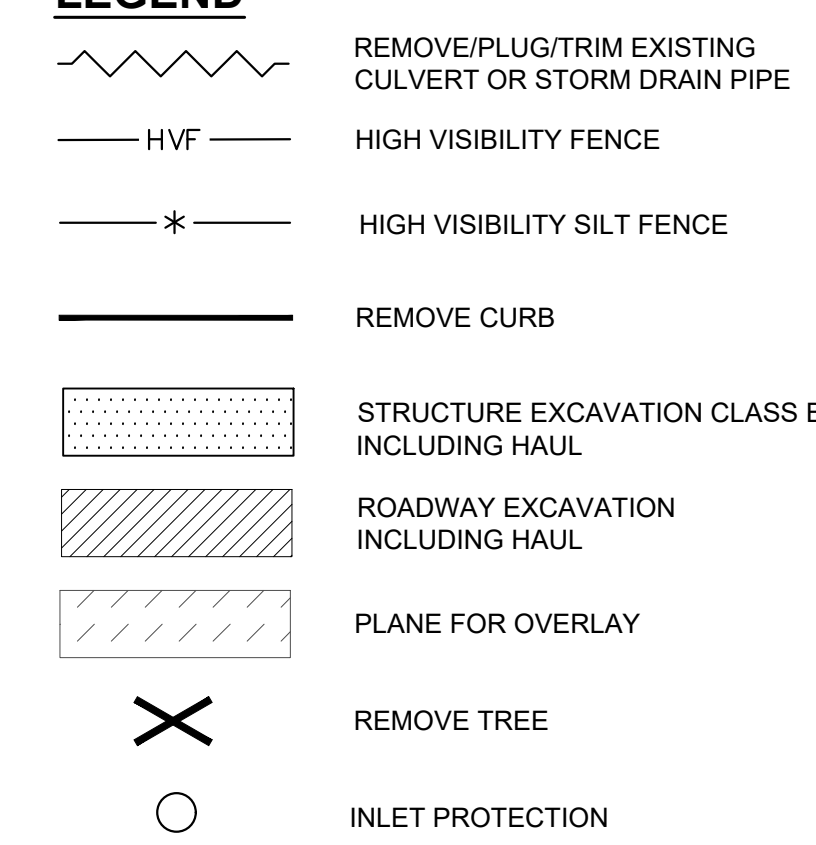
**EROSION CONTROL NOTES:**

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.10/1-30.17.
2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
3. REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

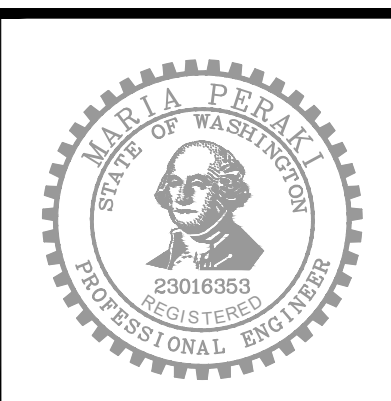
**SITE PREPARATION NOTES:**

1. REMOVAL OF STRUCTURES AND OBSTRUCTIONS
  - a. REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - c. REMOVE BOLLARD.
  - d. REMOVE TIMBER LANDSCAPING WALL.
  - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - f. REMOVE EXISTING FENCE.
  - g. REMOVE AND RESET EXISTING FENCE.
  - h. REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - i. REMOVE EXISTING CONCRETE CURB
2. PLUG EXISTING PIPE.
3. TRIM EXISTING PIPE TO LENGTH FOR CONNECTION TO DRAINAGE STRUCTURE. SEE SHEETS 18-27.
4. PROTECT IN-PLACE
  - a. EXISTING CATCH BASIN
  - b. EXISTING CULVERT
  - c. EXISTING POWER POLE, RISER, CABINET
  - d. EXISTING FENCE OR RETAINING WALL
  - e. EXISTING MONUMENT
  - f. EXISTING UNDERGROUND POWER LINE
  - g. EXISTING GAS LINE
5. EXISTING UTILITY TO BE RELOCATED BY OTHERS
  - a. POWER POLE, RISER, CABINET
  - b. COMMUNICATION LINE/STRUCTURE
  - c. GAS LINE
6. PROTECT AND ADJUST TO FINISH GRADE
  - a. EXISTING GAS VALVE
  - b. EXISTING SEWER MANHOLE
  - c. EXISTING JUNCTION BOXES
  - d. EXISTING WATER VALVE/WATER VALVE MARKERS
7. REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
8. RELOCATE EXISTING SIGN. SEE SHEETS 56-65 FOR PROPOSED LOCATION.
9. REMOVE
  - a. EXISTING DRAINAGE STRUCTURE
  - b. EXISTING CULVERT OR STORM DRAIN

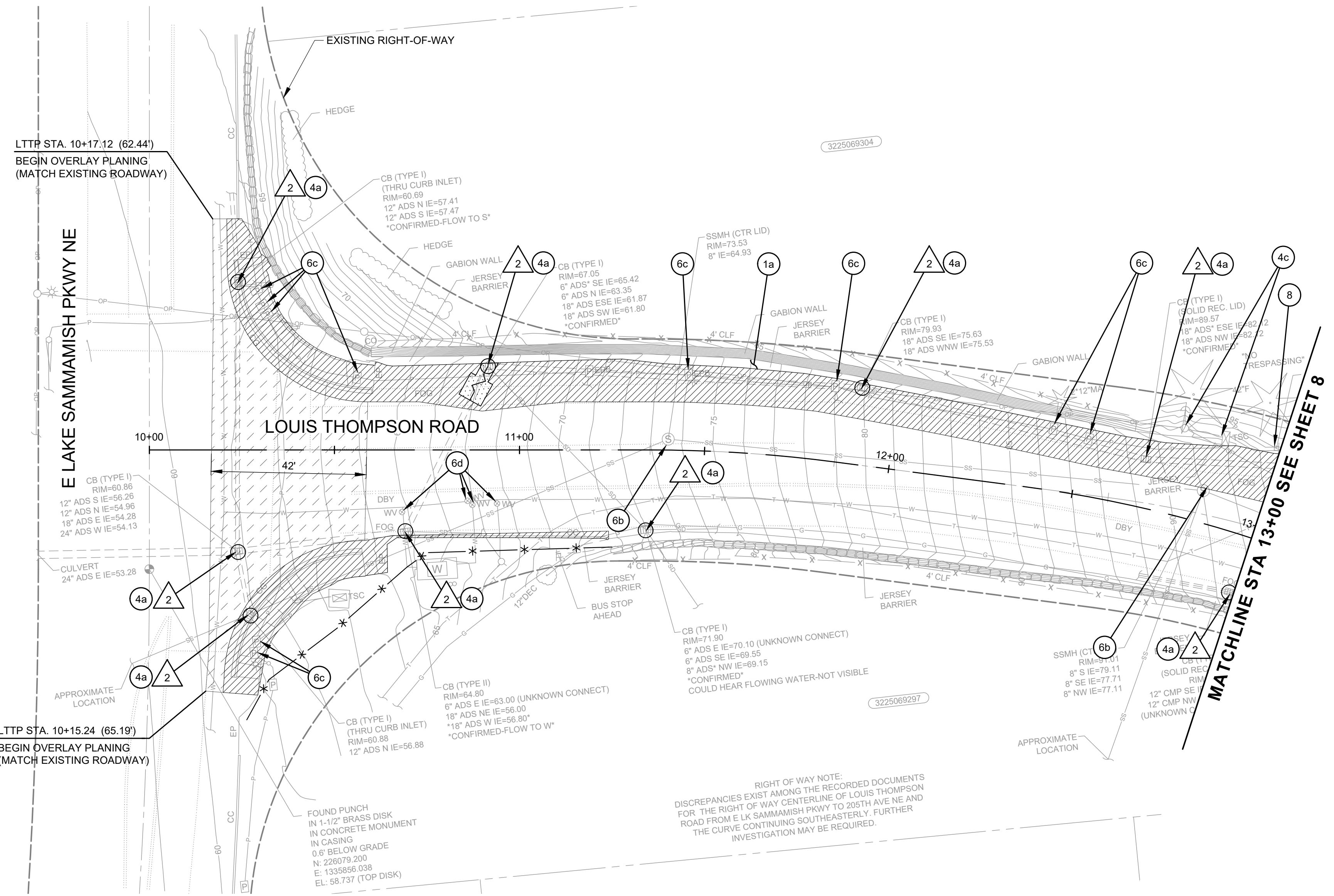
**LEGEND**



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90% SUBMITTAL (NOT FOR CONSTRUCTION)

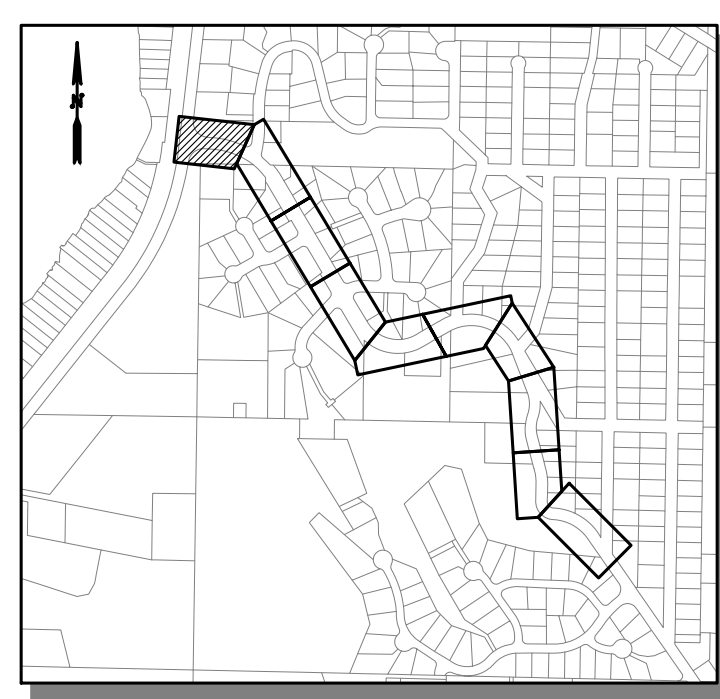


RIGHT OF WAY NOTE:  
DISCREPANCIES EXIST AMONG THE RECORDED DOCUMENTS FOR THE RIGHT OF WAY CENTERLINE OF LOUIS THOMPSON ROAD FROM E LK SAMMAMISH PKWY TO 205TH AVE NE AND ROAD FROM E LK SAMMAMISH PKWY TO SOUTHWESTERLY. FURTHER INVESTIGATION MAY BE REQUIRED.

FOUND PUNCH IN 1-1/2" BRASS DISK IN CONCRETE MONUMENT IN CASING 0.6' BELOW GRADE  
N: 226079.200  
E: 1335656.038  
EL: 58.737 (TOP DISK)

LTPP STA. 10+17.12 (62.44)  
BEGIN OVERLAY PLANING  
(MATCH EXISTING ROADWAY)

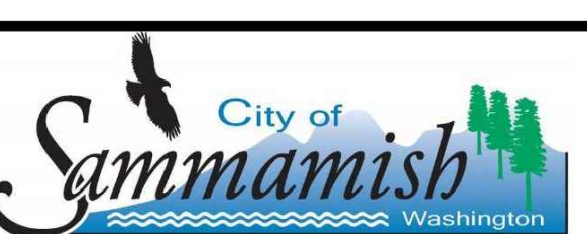
LTPP STA. 10+15.24 (65.19)  
BEGIN OVERLAY PLANING  
(MATCH EXISTING ROADWAY)



DESIGNED BY: MP  
DRAWN BY: LT/LO/FJ  
CHECKED BY: LR

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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH

EROSION CONTROL AND SITE PREPARATION PLAN

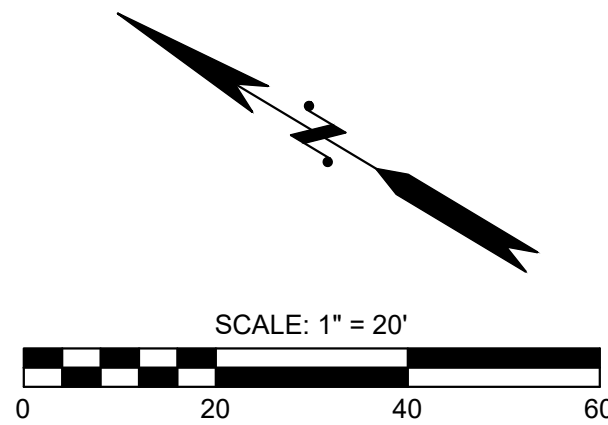
JOB# / DWG: 10-210058  
DATE: 08/25/2023

SCALE: H: 1"=20' V: N/A  
SHEET 7 of 101

ER01

FILE NAME: C:\P\W\O\I\OSBORNCONSULTING-PW-BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P\_10-210058\_TESC.DWG  
PLOT TIME: 8/23/2023 2:36 PM  
USER NAME: LAURA TURNDIDGE





**GENERAL NOTES:**

1. PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
2. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 45-54.
3. CONTRACTOR TO NOTIFY PROPERTY OWNER(S) TWO (2) WEEKS PRIOR TO CONSTRUCTION, TO COORDINATE DRIVEWAY ACCESS. DRIVEWAY INGRESS/EGRESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE PROPERTY OWNER.
4. DISTURBANCE AND CLEARING LIMITS SHALL BE MINIMIZED TO THE AREA NECESSARY FOR INSTALLATION OF TEMPORARY AND PERMANENT ELEMENTS. ONLY REMOVE THE MINIMUM VEGETATION NEEDED FOR CONSTRUCTION ACTIVITIES. CLEARING LIMITS SHALL BE DELINEATED USING A HVF AND GENERALLY MATCH THE ROW AND TCE LIMITS, UNLESS OTHERWISE SHOWN IN SHEETS 7-16.
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7. SEE APPENDIX X OF PROJECT'S SPECIAL PROVISIONS FOR WORK (SITE PREPARATION AND PROPOSED CONDITION) RELATED TO THE WATER LINE, HYDRANTS, AND METERS/VALVES FROM STA 13+50 TO STA 45+50.
8. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

**EROSION CONTROL NOTES:**

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.101-30.17.
2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
3. REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

**SITE PREPARATION NOTES:**

1. REMOVAL OF STRUCTURES AND OBSTRUCTIONS
  - a. REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - c. REMOVE BOLLARD.
  - d. REMOVE TIMBER LANDSCAPING WALL.
  - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - f. REMOVE EXISTING FENCE.
  - g. REMOVE AND RESET EXISTING FENCE.
  - h. REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - i. REMOVE EXISTING CONCRETE CURB
2. PLUG EXISTING PIPE.
3. TRIM EXISTING PIPE TO LENGTH FOR CONNECTION TO DRAINAGE STRUCTURE. SEE SHEETS 18-27.
4. PROTECT IN-PLACE
  - a. EXISTING CATCH BASIN
  - b. EXISTING CULVERT
  - c. EXISTING POWER POLE, RISER, CABINET
  - d. EXISTING FENCE OR RETAINING WALL
  - e. EXISTING MONUMENT
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9. REMOVE
  - a. EXISTING DRAINAGE STRUCTURE
  - b. EXISTING CULVERT OR STORM DRAIN

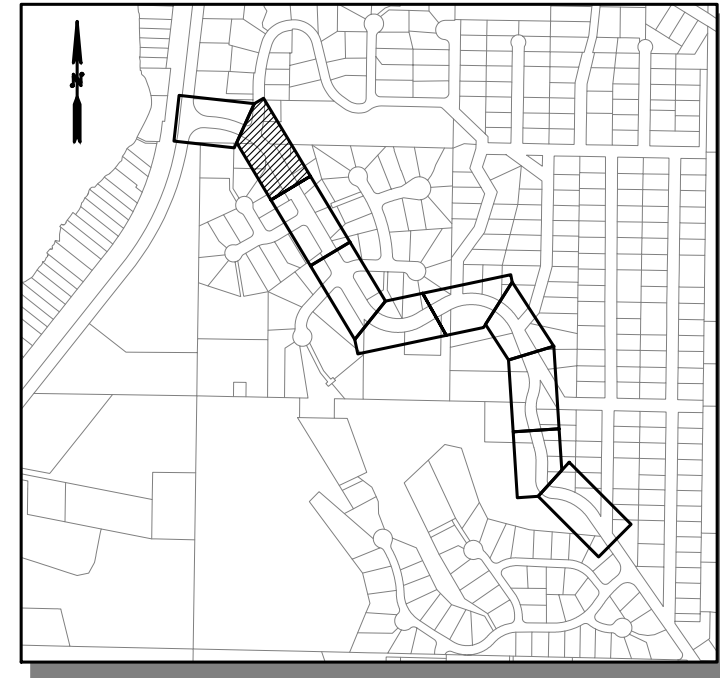
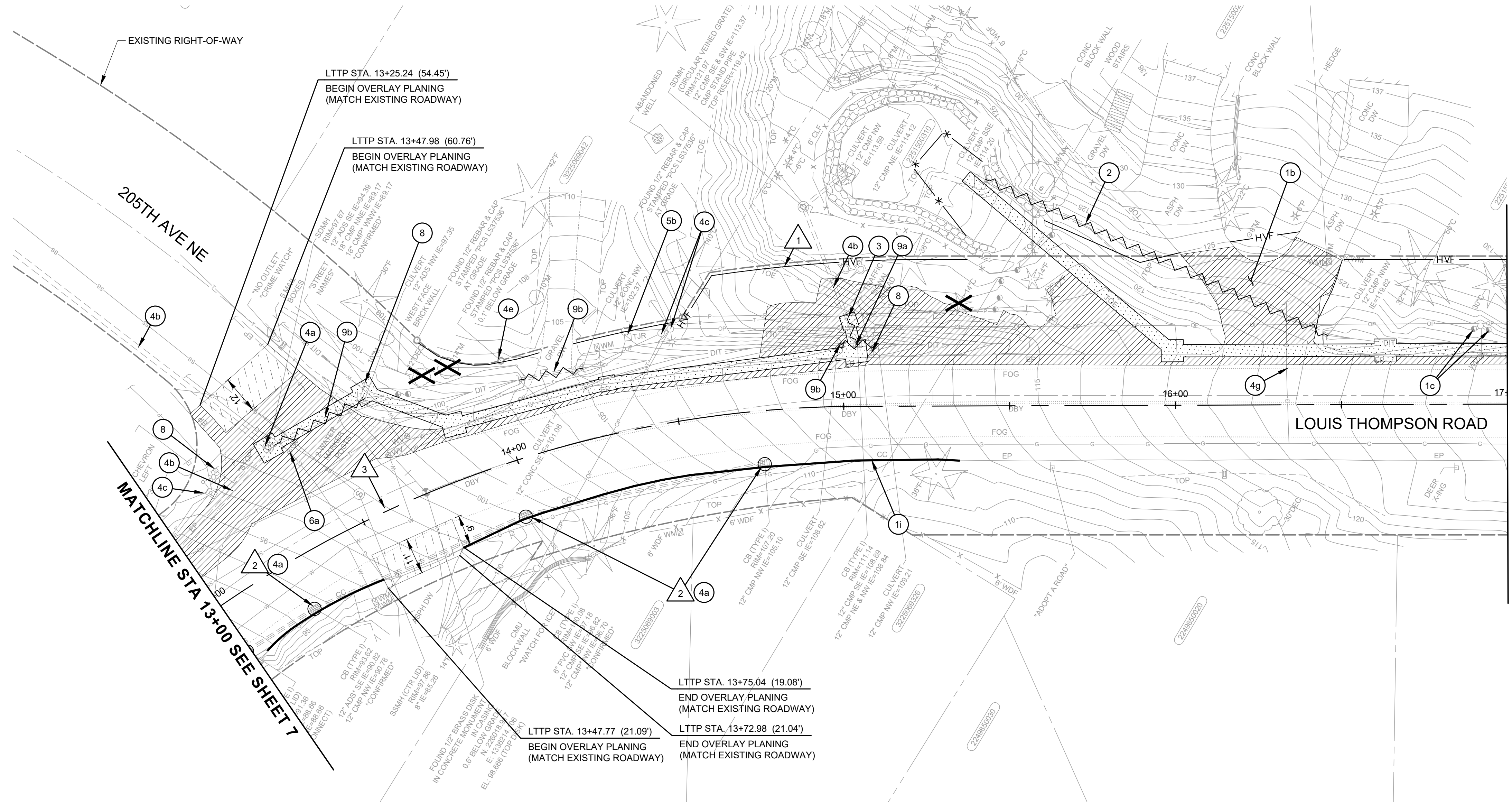
**LEGEND**

- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
- HVF
- HIGH VISIBILITY SILT FENCE
- REMOVE CURB
- STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
- ROADWAY EXCAVATION INCLUDING HAUL
- PLANE FOR OVERLAY
- REMOVE TREE
- INLET PROTECTION

90% SUBMITTAL (NOT FOR CONSTRUCTION)



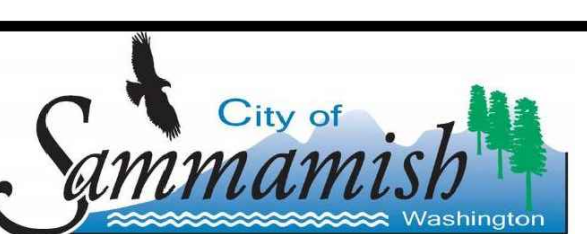
Know what's below.  
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DESIGNED BY  
MP  
DRAWN BY  
LT/LO/FJ  
CHECKED BY  
LR

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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH

EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG  
10-210058

DATE  
08/25/2023

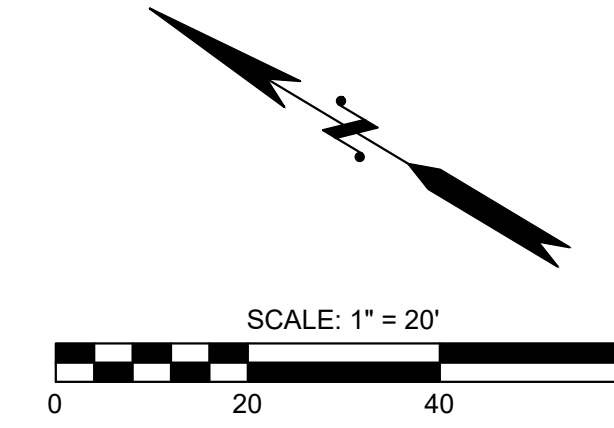
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H: 1"=20' V: N/A

**ER02**  
SHEET 8 of 101

FILE NAME: C:\PW\OCL\WORKINGDIROS\BORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\DWG\265661P\_10-210058\_TESC.DWG  
PLOT TIME: 8/23/2023 2:36 PM  
USER NAME: LAURA TURNDIGE



SEC. 32, T. 25N, R. 6E, W.M.



**GENERAL NOTES:**

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8. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

**EROSION CONTROL NOTES:**

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2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
3. REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

**SITE PREPARATION NOTES:**

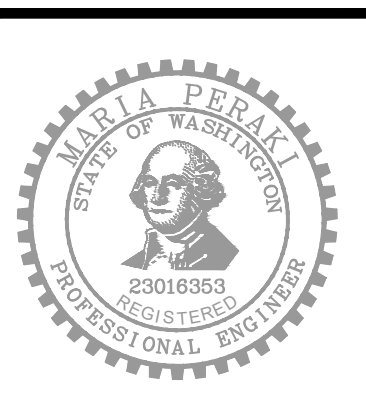
1. REMOVAL OF STRUCTURES AND OBSTRUCTIONS
  - a. REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - c. REMOVE BOLLARD.
  - d. REMOVE TIMBER LANDSCAPING WALL.
  - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - f. REMOVE EXISTING FENCE.
  - g. REMOVE AND RESET EXISTING FENCE.
  - h. REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - i. REMOVE EXISTING CONCRETE CURB
2. PLUG EXISTING PIPE.
3. TRIM EXISTING PIPE TO LENGTH FOR CONNECTION TO DRAINAGE STRUCTURE. SEE SHEETS 18-27.
4. PROTECT IN-PLACE
  - a. EXISTING CATCH BASIN
  - b. EXISTING CULVERT
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  - d. EXISTING FENCE OR RETAINING WALL
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8. RELOCATE EXISTING SIGN. SEE SHEETS 56-65 FOR PROPOSED LOCATION.
9. REMOVE
  - a. EXISTING DRAINAGE STRUCTURE
  - b. EXISTING CULVERT OR STORM DRAIN

**LEGEND**

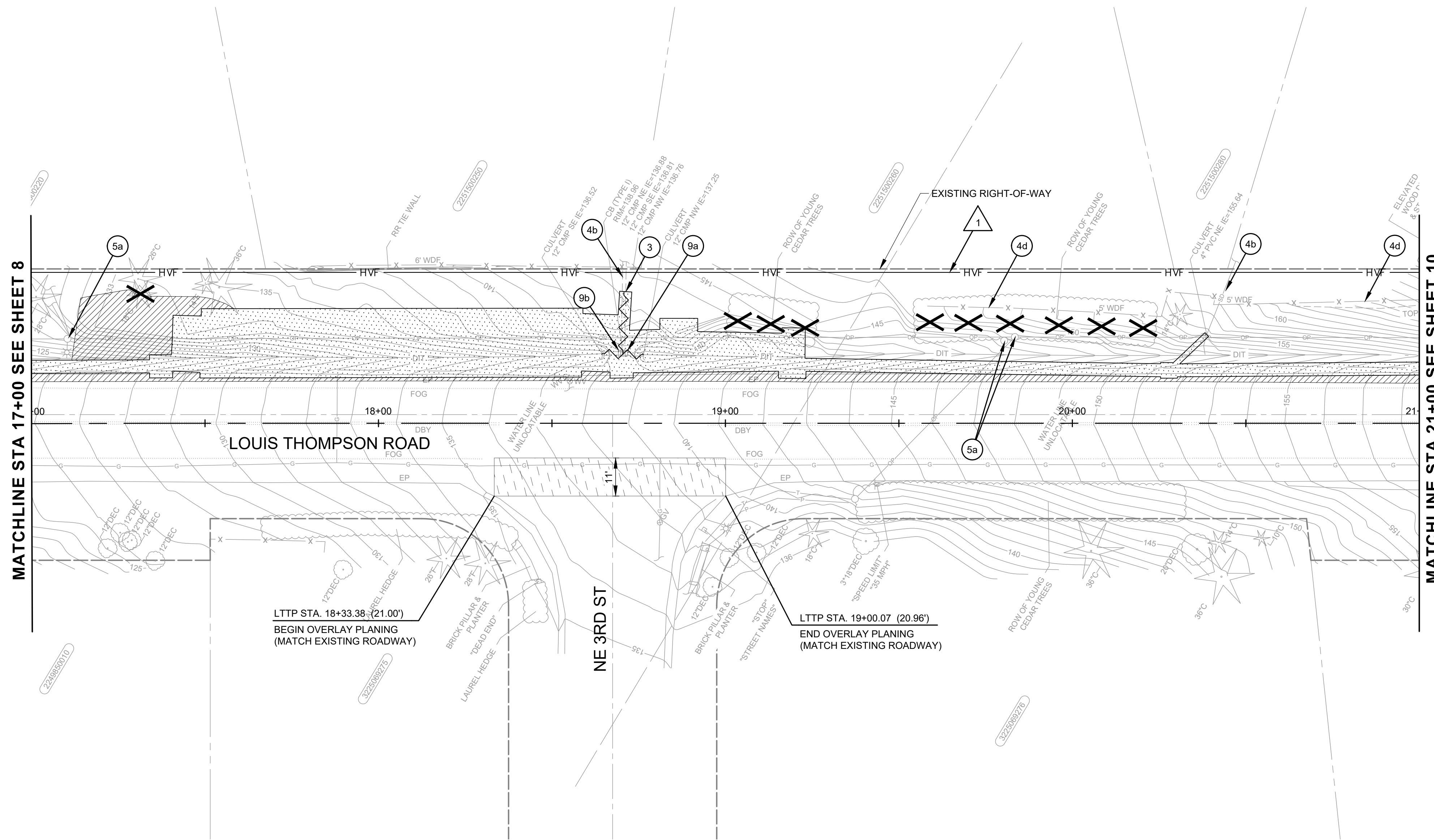
- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
- HVF
- HIGH VISIBILITY SILT FENCE
- REMOVE CURB
- STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
- ROADWAY EXCAVATION INCLUDING HAUL
- PLANE FOR OVERLAY
- REMOVE TREE
- INLET PROTECTION



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MATCHLINE STA 17+00 SEE SHEET 8

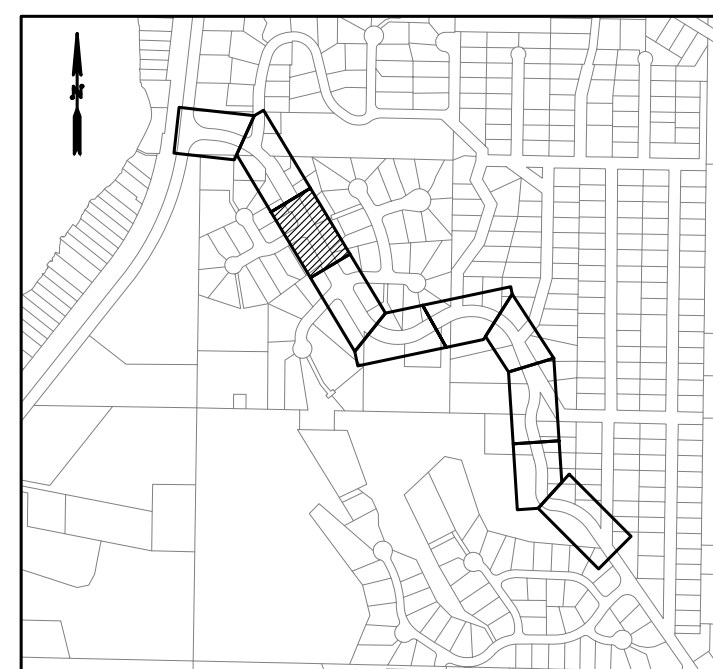
MATCHLINE STA 21+00 SEE SHEET 10

LOUIS THOMPSON ROAD

NE 3RD ST

LTTP STA. 18+33.38 (21.00')  
BEGIN OVERLAY PLANING  
(MATCH EXISTING ROADWAY)

LTTP STA. 19+00.07 (20.96')  
END OVERLAY PLANING  
(MATCH EXISTING ROADWAY)



KEY MAP

DESIGNED BY  
MP  
DRAWN BY  
LT/LO/FJ  
CHECKED BY  
LR

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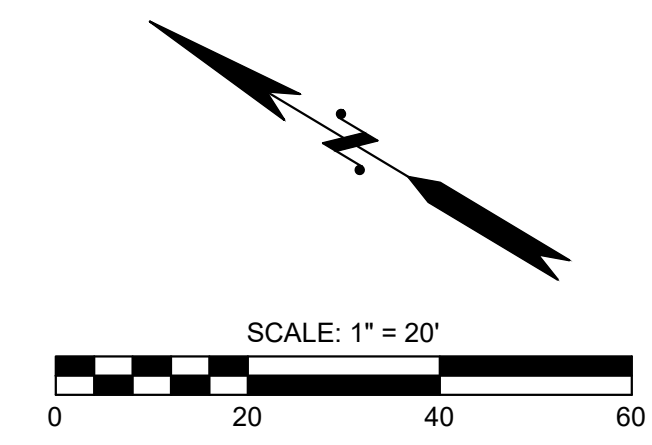


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH

EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>ER03</b> SHEET 9 of 101





**GENERAL NOTES:**

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- FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

**EROSION CONTROL NOTES:**

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- INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
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  - REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - REMOVE BOLLARD.
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  - REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - REMOVE EXISTING FENCE.
  - REMOVE AND RESET EXISTING FENCE.
  - REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - REMOVE EXISTING CONCRETE CURB
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  - EXISTING CATCH BASIN
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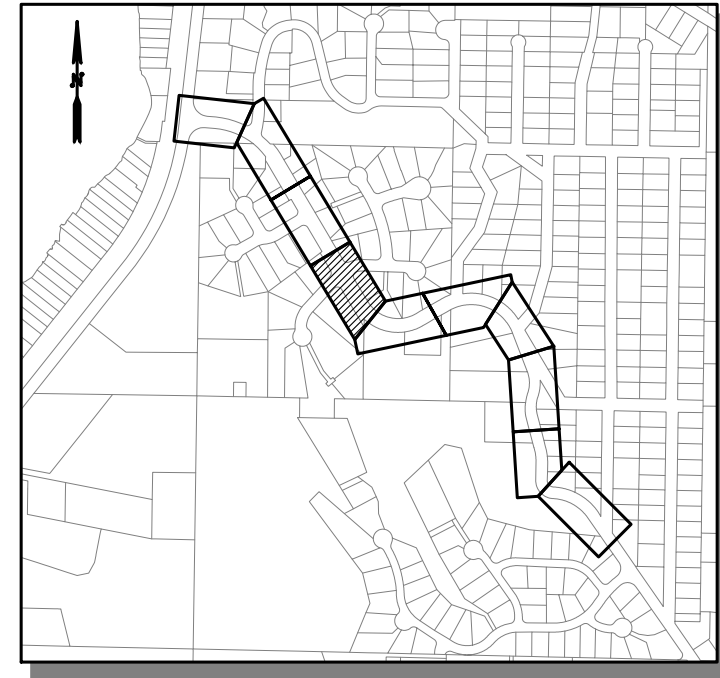
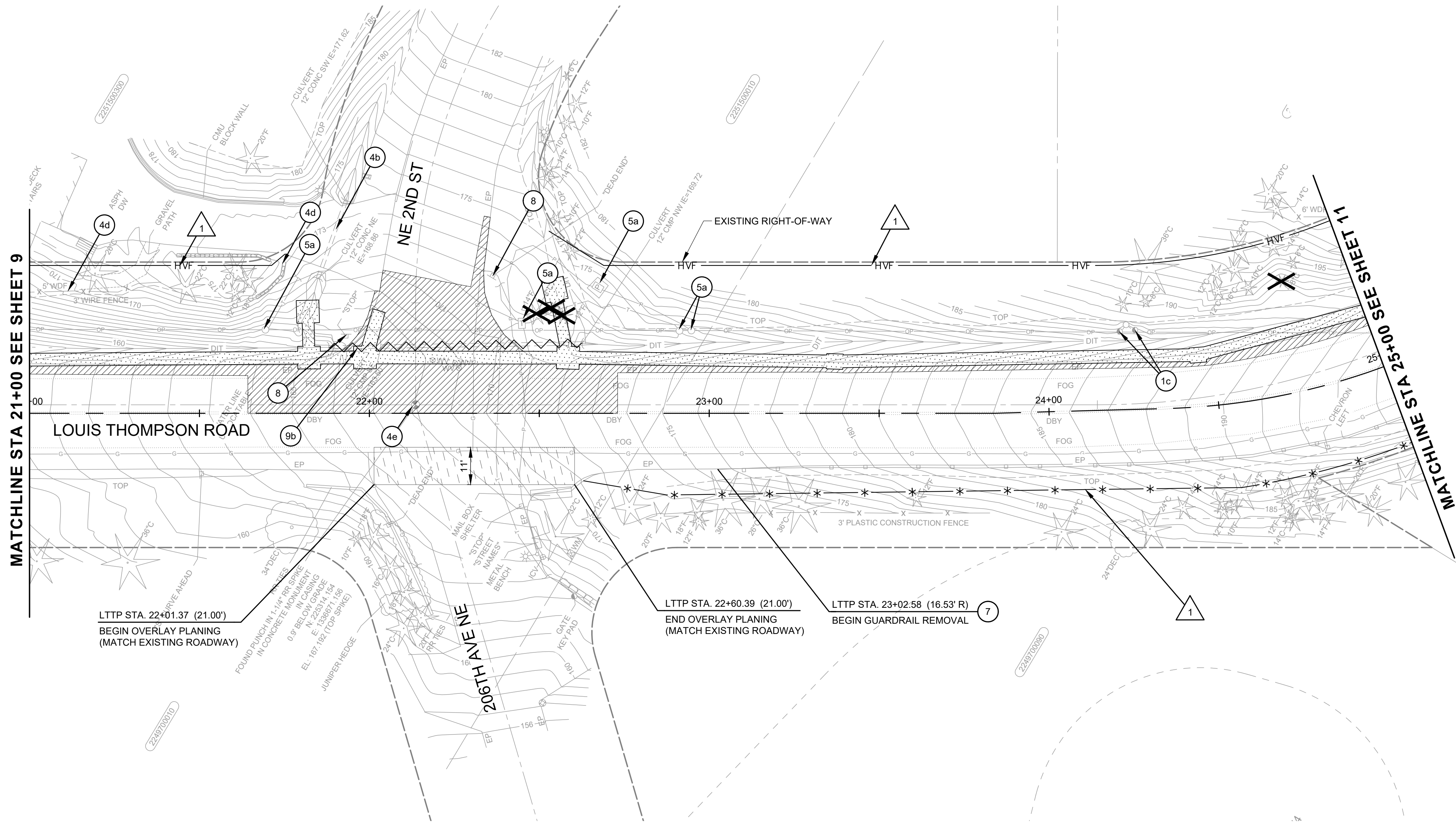
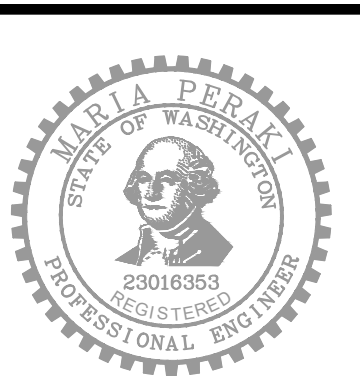
**LEGEND**

- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
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90% SUBMITTAL (NOT FOR CONSTRUCTION)



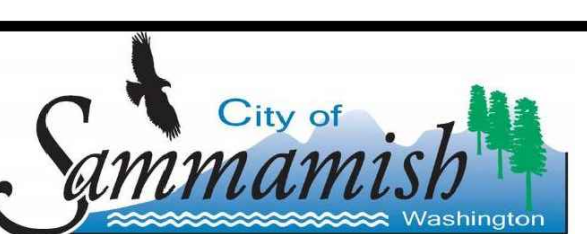
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DESIGNED BY  
MP  
DRAWN BY  
LT/LO/FJ  
CHECKED BY  
LR

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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH

EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG  
10-210058

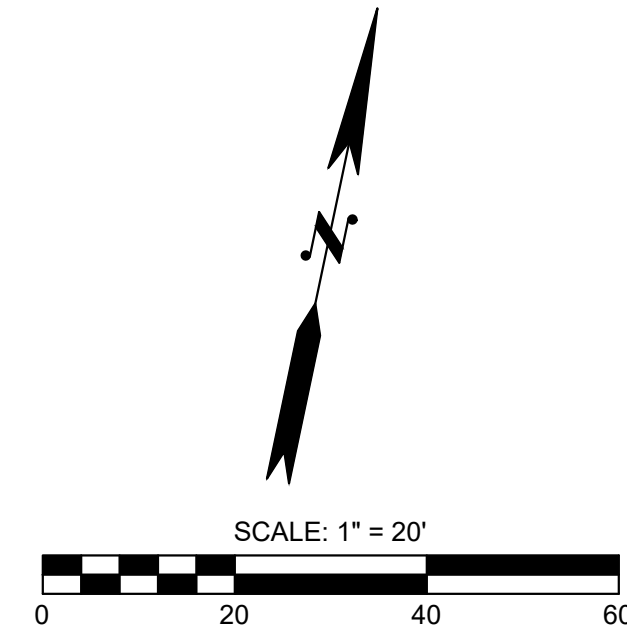
DATE  
08/25/2023

SCALE  
H: 1"=20' V: N/A

ER04  
SHEET 10 of 101

FILE NAME: C:\P\WORKING\DIOSBORCONCONSULTING-PW-BENTLEY.COM\_OSBORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P\_10-210058\_TESC.DWG  
PLOT TIME: 8/23/2023 2:36 PM  
USER NAME: LAURA TURNDIDGE





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7. REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
8. RELOCATE EXISTING SIGN. SEE SHEETS 56-65 FOR PROPOSED LOCATION.
9. REMOVE
  - a. EXISTING DRAINAGE STRUCTURE
  - b. EXISTING CULVERT OR STORM DRAIN

**LEGEND**

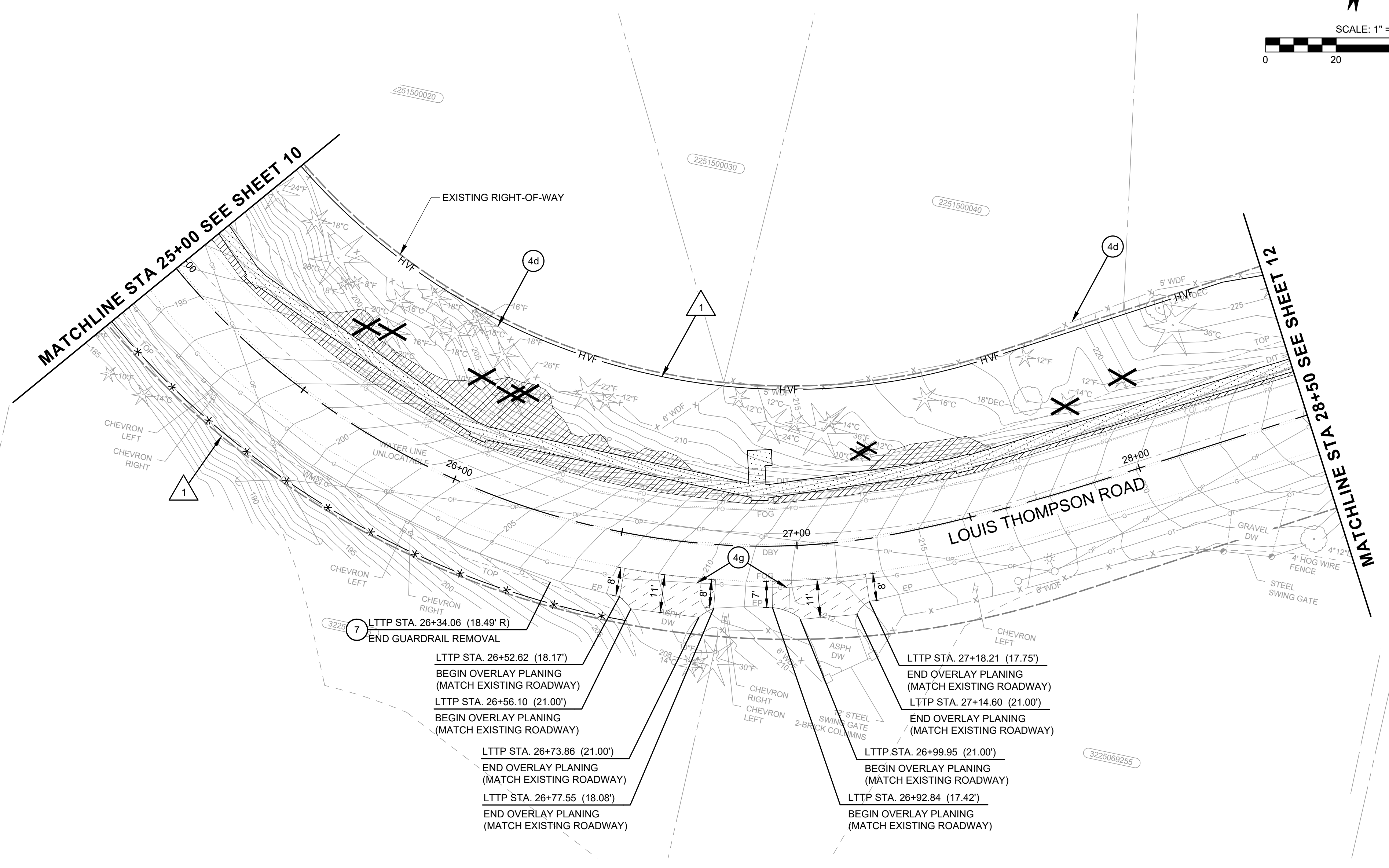
- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
- HVF
- HIGH VISIBILITY SILT FENCE
- REMOVE CURB
- STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
- ROADWAY EXCAVATION INCLUDING HAUL
- PLANE FOR OVERLAY
- REMOVE TREE
- INLET PROTECTION



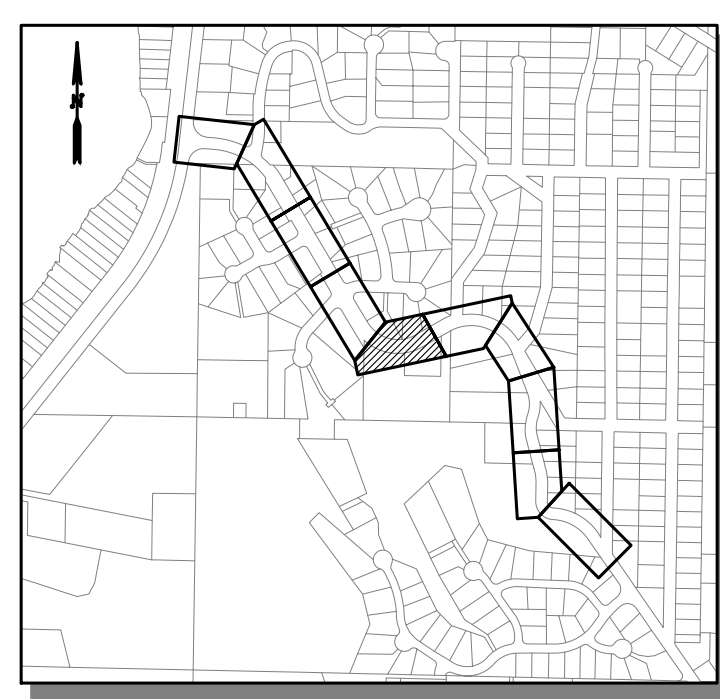
Know what's below.  
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FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\_OSBORNCONSULTING-PW\LAURA TURNDIGE\MS265661P\_10-210058\_TESC.DWG  
PLOT TIME: 8/23/2023 2:36 PM  
USER NAME: LAURA TURNDIGE



DESIGNED BY: MP  
DRAWN BY: LT/LO/FJ  
CHECKED BY: LR

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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH

EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG: 10-210058  
DATE: 08/25/2023

SCALE: H: 1"=20' V: N/A  
SHEET 11 of 101

ER05



**GENERAL NOTES:**

- PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
- ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 45-54.
- CONTRACTOR TO NOTIFY PROPERTY OWNER(S) TWO (2) WEEKS PRIOR TO CONSTRUCTION, TO COORDINATE DRIVEWAY ACCESS. DRIVEWAY INGRESS/EGRESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE PROPERTY OWNER.
- DISTURBANCE AND CLEARING LIMITS SHALL BE MINIMIZED TO THE AREA NECESSARY FOR INSTALLATION OF TEMPORARY AND PERMANENT ELEMENTS. ONLY REMOVE THE MINIMUM VEGETATION NEEDED FOR CONSTRUCTION ACTIVITIES. CLEARING LIMITS SHALL BE DELINEATED USING A HVF AND GENERALLY MATCH THE ROW AND TCE LIMITS, UNLESS OTHERWISE SHOWN IN SHEETS 7-16.
- PROTECT EXISTING TREE WITHIN THE WORK AREA AND WITHIN 5 FEET FROM THE WORK LIMITS IN ACCORDANCE WITH SHEET 17 DETAIL 1 OR 2 AS FEASIBLE TO PERFORM WORK.
- INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
- SEE APPENDIX X OF PROJECT'S SPECIAL PROVISIONS FOR WORK (SITE PREPARATION AND PROPOSED CONDITION) RELATED TO THE WATER LINE, HYDRANTS, AND METERS/VALVES FROM STA 13+50 TO STA 45+50.
- FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

**EROSION CONTROL NOTES:**

- INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.10/1-30.17.
- INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
- REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

**SITE PREPARATION NOTES:**

- REMOVAL OF STRUCTURES AND OBSTRUCTIONS
  - REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - REMOVE BOLLARD.
  - REMOVE TIMBER LANDSCAPING WALL.
  - REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - REMOVE EXISTING FENCE.
  - REMOVE AND RESET EXISTING FENCE.
  - REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - REMOVE EXISTING CONCRETE CURB
- PLUG EXISTING PIPE.
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- PROTECT IN-PLACE
  - EXISTING CATCH BASIN
  - EXISTING CULVERT
  - EXISTING POWER POLE, RISER, CABINET
  - EXISTING FENCE OR RETAINING WALL
  - EXISTING MONUMENT
  - EXISTING UNDERGROUND POWER LINE
  - EXISTING GAS LINE
- EXISTING UTILITY TO BE RELOCATED BY OTHERS
  - POWER POLE, RISER, CABINET
  - COMMUNICATION LINE/STRUCTURE
  - GAS LINE
- PROTECT AND ADJUST TO FINISH GRADE
  - EXISTING GAS VALVE
  - EXISTING SEWER MANHOLE
  - EXISTING JUNCTION BOXES
  - EXISTING WATER VALVE/WATER VALVE MARKERS
- REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
- RELOCATE EXISTING SIGN. SEE SHEETS 56-65 FOR PROPOSED LOCATION.
- REMOVE
  - EXISTING DRAINAGE STRUCTURE
  - EXISTING CULVERT OR STORM DRAIN

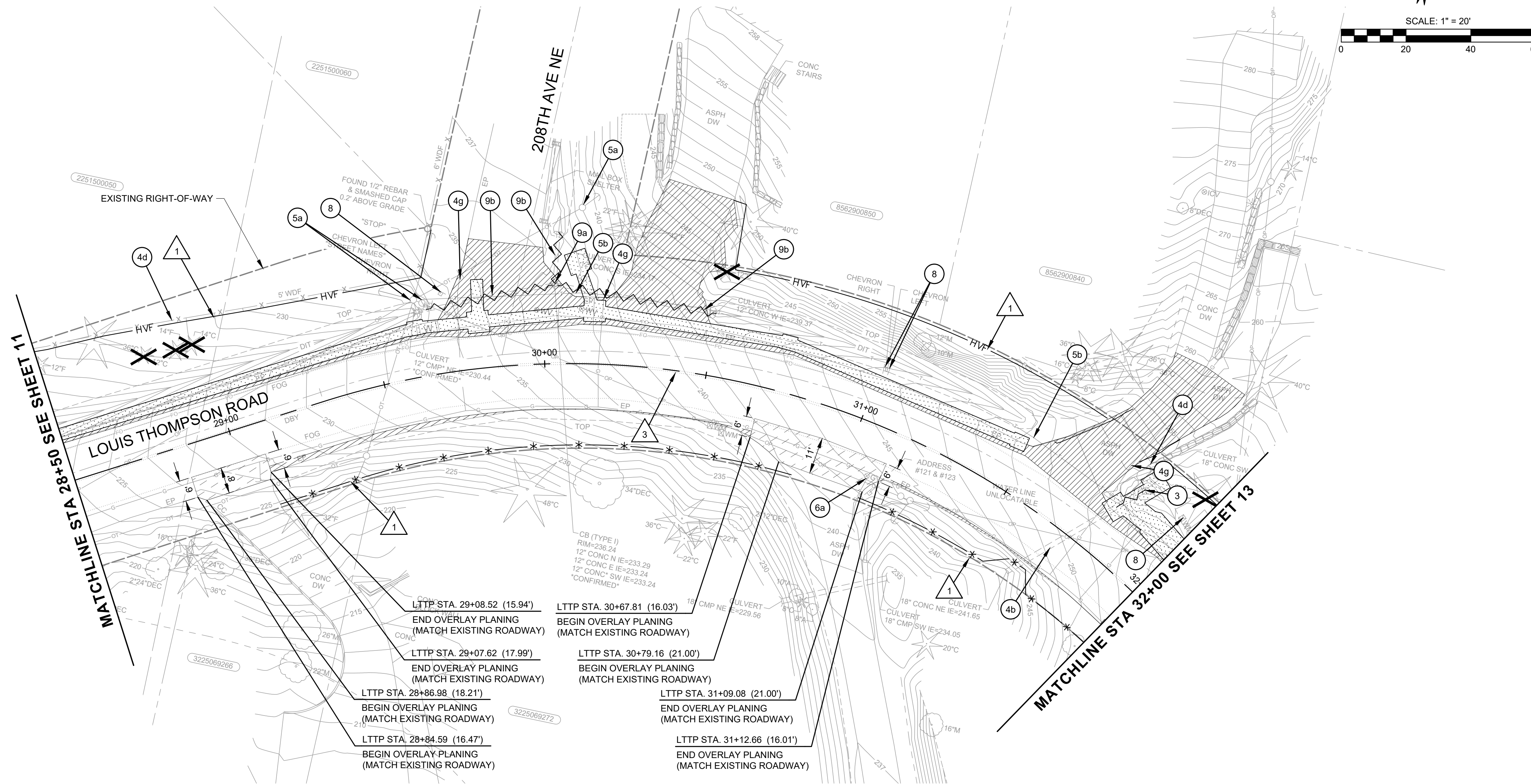
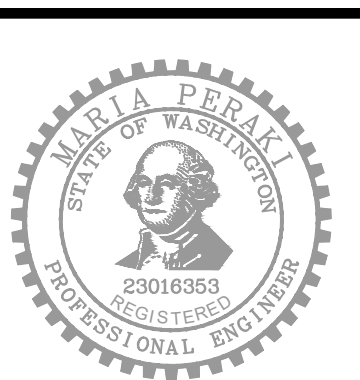
**LEGEND**

- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
- HVF
- HIGH VISIBILITY SILT FENCE
- REMOVE CURB
- STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
- ROADWAY EXCAVATION INCLUDING HAUL
- PLANE FOR OVERLAY
- REMOVE TREE
- INLET PROTECTION

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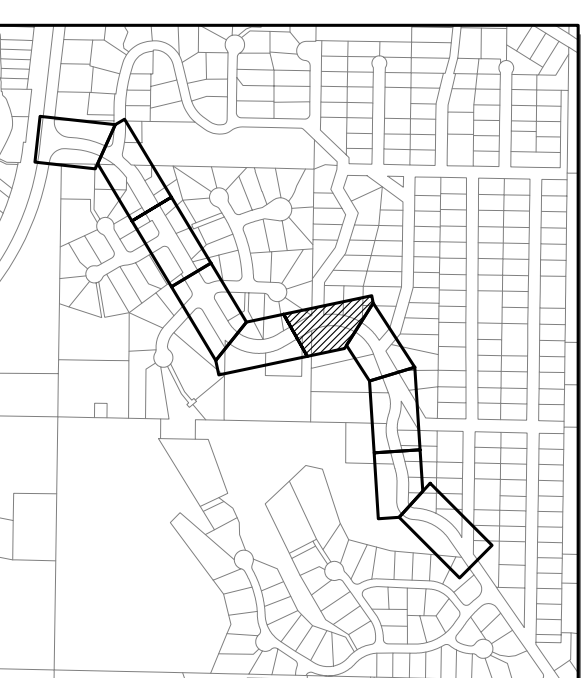


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MATCHLINE STA 28+50 SEE SHEET 11

MATCHLINE STA 32+00 SEE SHEET 13



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 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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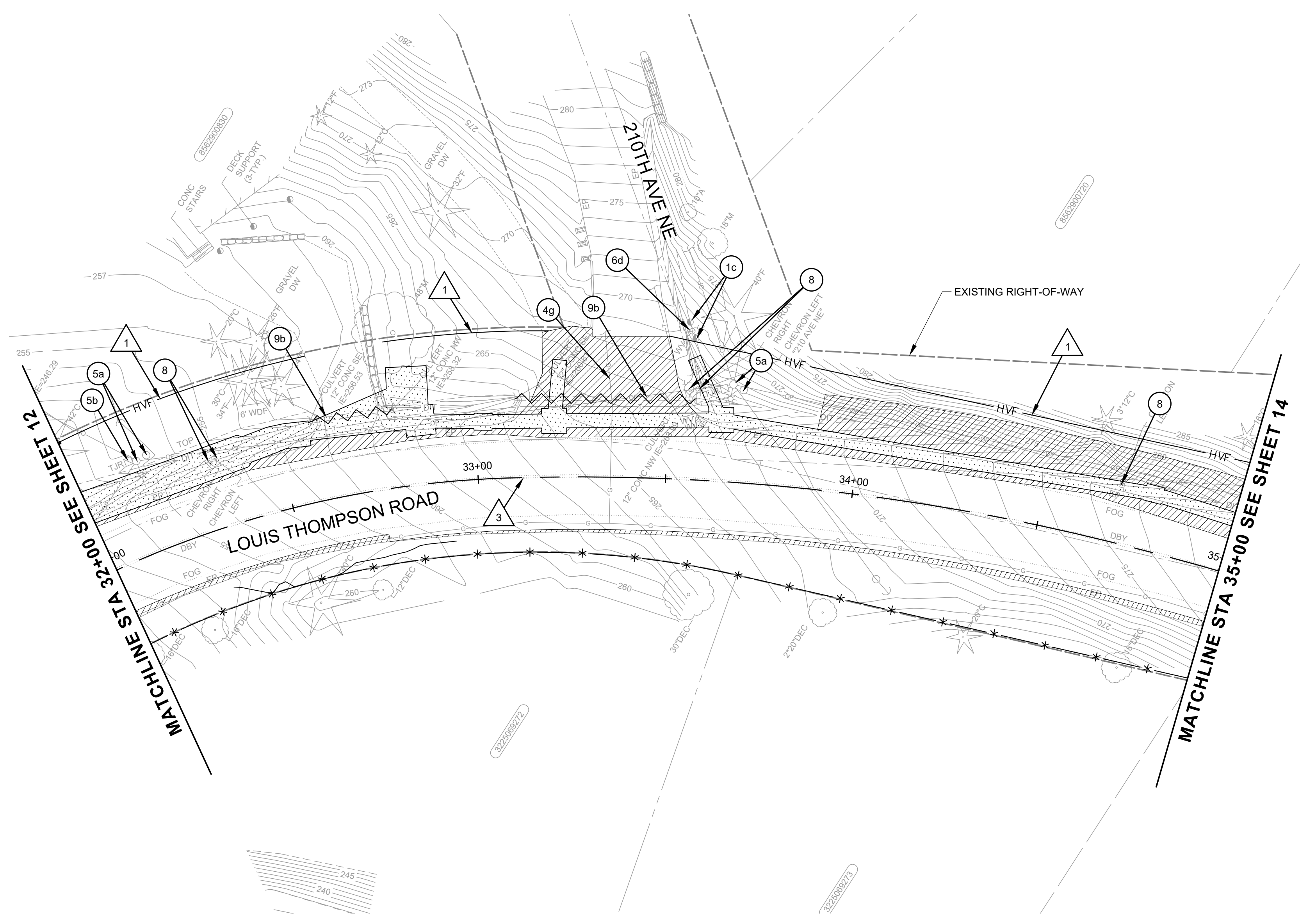
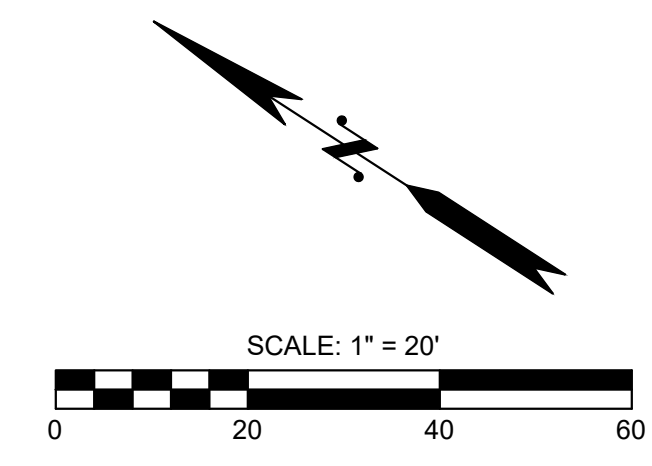
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH

JOB# / DWG: 10-210058  
 DATE: 08/25/2023

SCALE: H: 1"=20' V: N/A  
**ER06**  
 SHEET 12 of 101

FILE NAME: C:\P\O\CL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\_OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P\_10-210058\_TESC.DWG  
 PLOT TIME: 8/23/2023 2:36 PM  
 USER NAME: LAURA TURNIDGE





**GENERAL NOTES:**

1. PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
2. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 45-54.
3. CONTRACTOR TO NOTIFY PROPERTY OWNER(S) TWO (2) WEEKS PRIOR TO CONSTRUCTION, TO COORDINATE DRIVEWAY ACCESS. DRIVEWAY INGRESS/EGRESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE PROPERTY OWNER.
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6. INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
7. SEE APPENDIX X OF PROJECT'S SPECIAL PROVISIONS FOR WORK (SITE PREPARATION AND PROPOSED CONDITION) RELATED TO THE WATER LINE, HYDRANTS, AND METERS/VALVES FROM STA 13+50 TO STA 45+50.
8. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

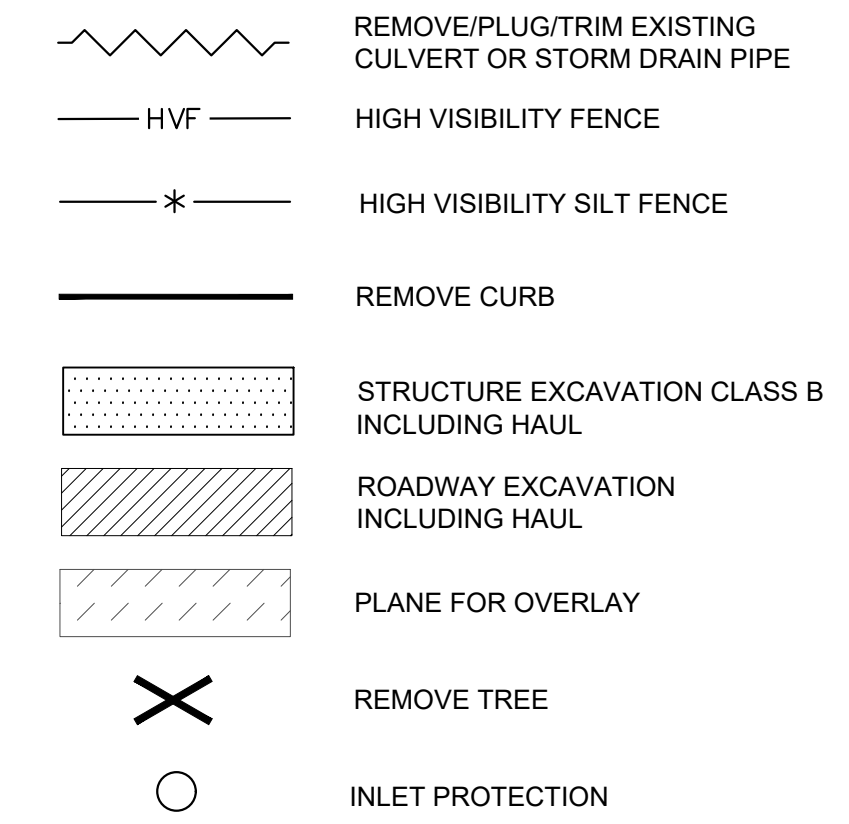
**EROSION CONTROL NOTES:**

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.10/1-30.17.
2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
3. REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

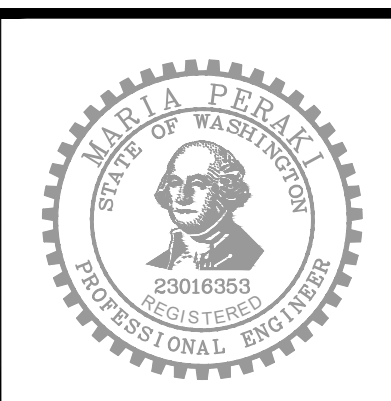
**SITE PREPARATION NOTES:**

1. REMOVAL OF STRUCTURES AND OBSTRUCTIONS
  - a. REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - c. REMOVE BOLLARD.
  - d. REMOVE TIMBER LANDSCAPING WALL.
  - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - f. REMOVE EXISTING FENCE.
  - g. REMOVE AND RESET EXISTING FENCE.
  - h. REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - i. REMOVE EXISTING CONCRETE CURB
2. PLUG EXISTING PIPE.
3. TRIM EXISTING PIPE TO LENGTH FOR CONNECTION TO DRAINAGE STRUCTURE. SEE SHEETS 18-27.
4. PROTECT IN-PLACE
  - a. EXISTING CATCH BASIN
  - b. EXISTING CULVERT
  - c. EXISTING POWER POLE, RISER, CABINET
  - d. EXISTING FENCE OR RETAINING WALL
  - e. EXISTING MONUMENT
  - f. EXISTING UNDERGROUND POWER LINE
  - g. EXISTING GAS LINE
5. EXISTING UTILITY TO BE RELOCATED BY OTHERS
  - a. POWER POLE, RISER, CABINET
  - b. COMMUNICATION LINE/STRUCTURE
  - c. GAS LINE
6. PROTECT AND ADJUST TO FINISH GRADE
  - a. EXISTING GAS VALVE
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  - a. EXISTING DRAINAGE STRUCTURE
  - b. EXISTING CULVERT OR STORM DRAIN

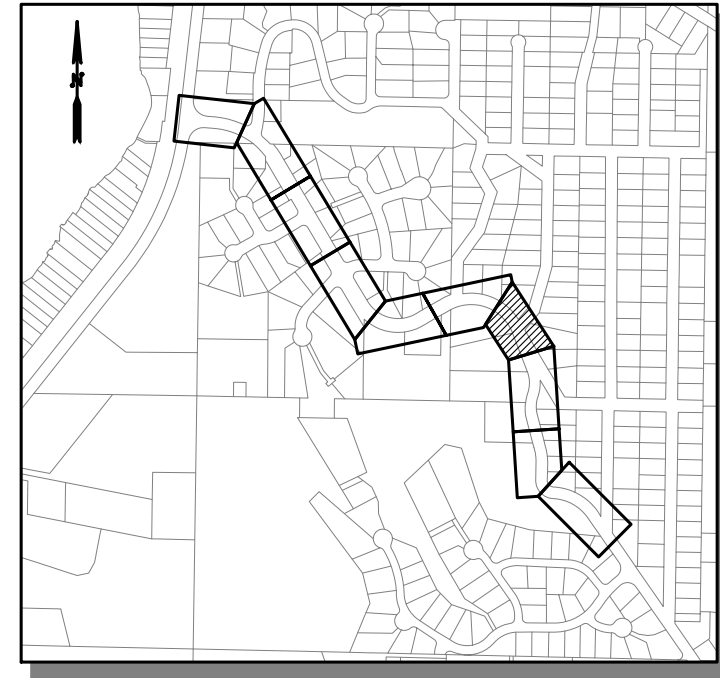
**LEGEND**



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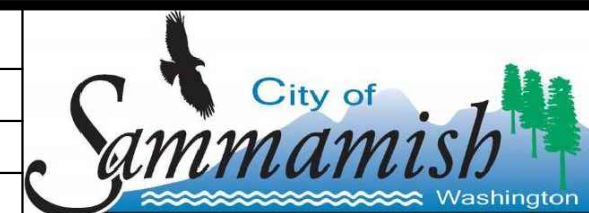


KEY MAP

DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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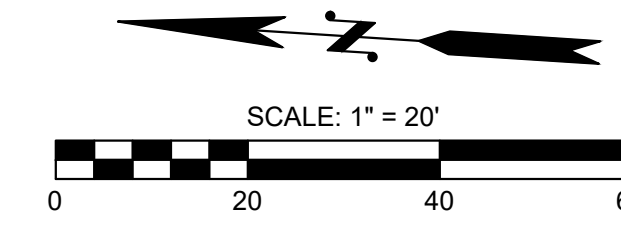


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**EROSION CONTROL AND SITE PREPARATION PLAN**

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A	<b>ER07</b>	SHEET 13 of 101

FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01\LAURA TURNDIGE\DWG\265661P\_10-210058\_TESC.DWG  
 PLOT TIME: 8/23/2023 2:36 PM  
 USER NAME: LAURA TURNDIGE





**GENERAL NOTES:**

- PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
- ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 45-54.
- CONTRACTOR TO NOTIFY PROPERTY OWNER(S) TWO (2) WEEKS PRIOR TO CONSTRUCTION, TO COORDINATE DRIVEWAY ACCESS. DRIVEWAY INGRESS/EGRESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE PROPERTY OWNER.
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- FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

**EROSION CONTROL NOTES:**

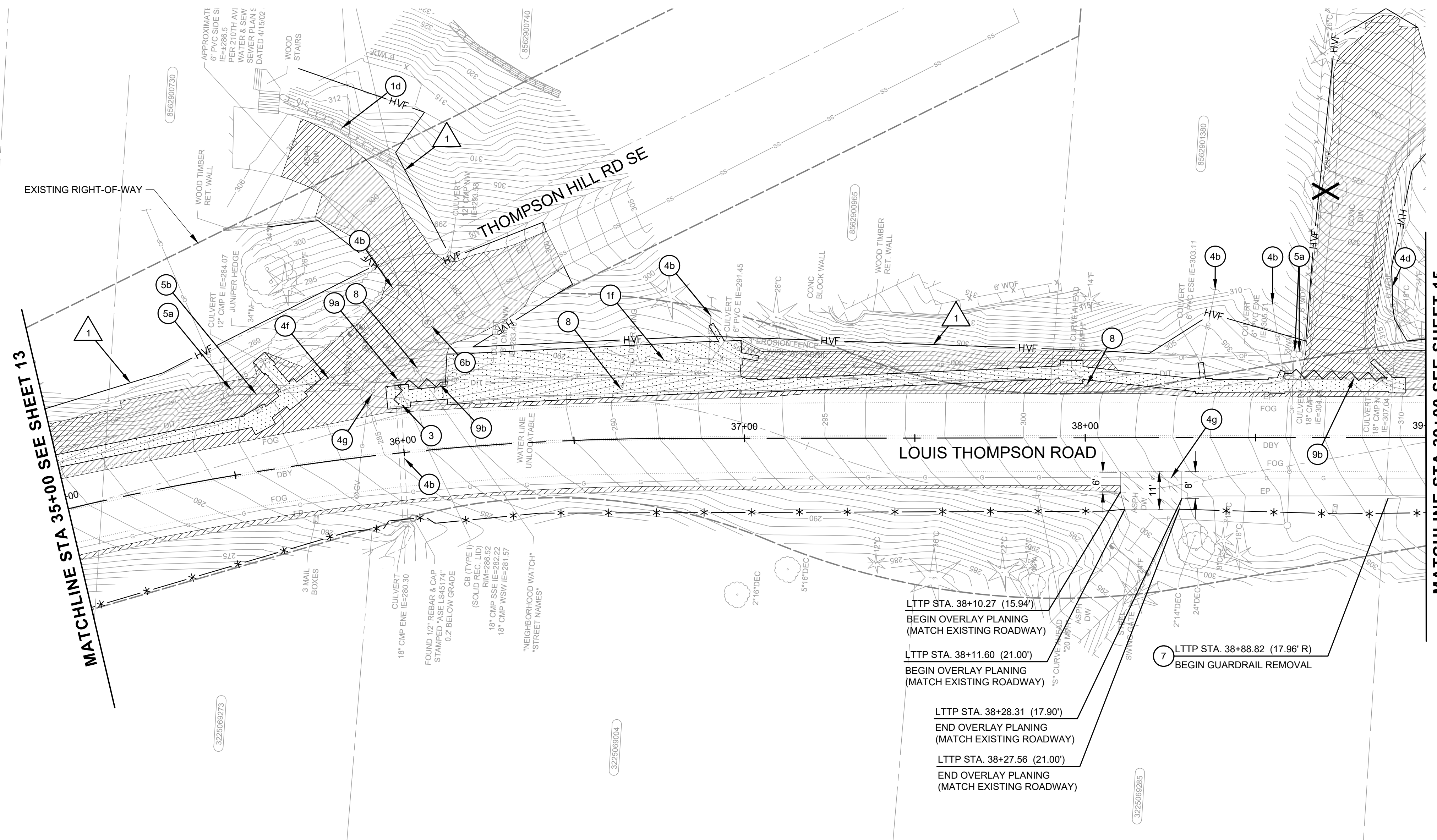
- INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.10/1-30.17.
- INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
- REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

**SITE PREPARATION NOTES:**

- REMOVAL OF STRUCTURES AND OBSTRUCTIONS
  - REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - REMOVE BOLLARD.
  - REMOVE TIMBER LANDSCAPING WALL.
  - REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - REMOVE EXISTING FENCE.
  - REMOVE AND RESET EXISTING FENCE.
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  - EXISTING GAS LINE
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- REMOVE
  - EXISTING DRAINAGE STRUCTURE
  - EXISTING CULVERT OR STORM DRAIN

**LEGEND**

- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
- HVF
- HIGH VISIBILITY SILT FENCE
- REMOVE CURB
- STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
- ROADWAY EXCAVATION INCLUDING HAUL
- PLANE FOR OVERLAY
- REMOVE TREE
- INLET PROTECTION



MATCHLINE STA 35+00 SEE SHEET 13

MATCHLINE STA 39+00 SEE SHEET 15

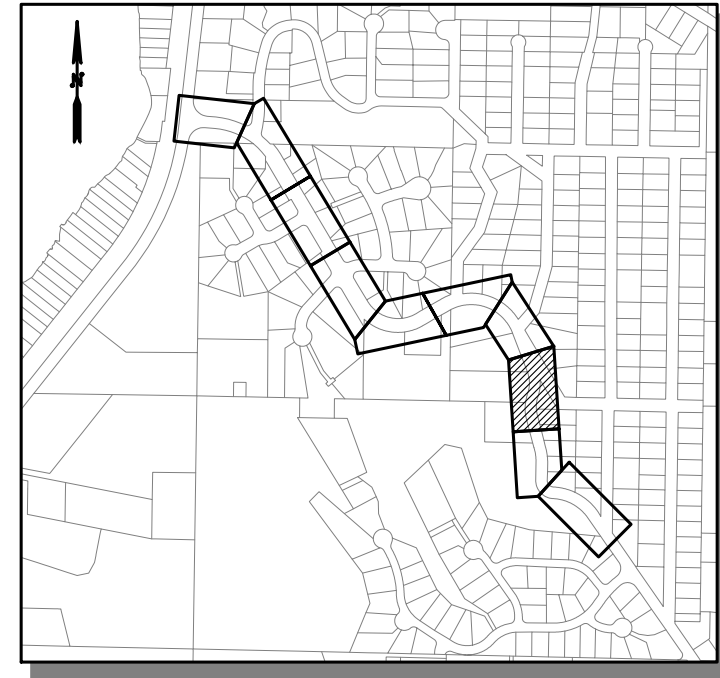
LTP STA. 38+10.27 (15.94')  
BEGIN OVERLAY PLANING  
(MATCH EXISTING ROADWAY)

LTP STA. 38+11.60 (21.00')  
BEGIN OVERLAY PLANING  
(MATCH EXISTING ROADWAY)

LTP STA. 38+28.31 (17.90')  
END OVERLAY PLANING  
(MATCH EXISTING ROADWAY)

LTP STA. 38+27.56 (21.00')  
END OVERLAY PLANING  
(MATCH EXISTING ROADWAY)

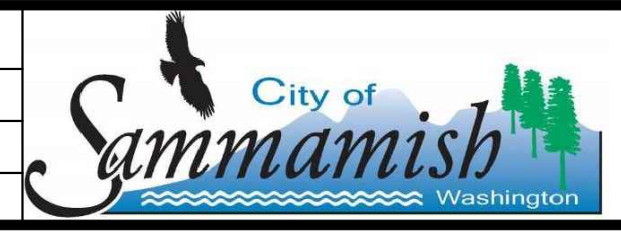
LTP STA. 38+88.82 (17.96' R)  
BEGIN GUARDRAIL REMOVAL



DESIGNED BY  
MP  
DRAWN BY  
LT/LO/FJ  
CHECKED BY  
LR

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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
EROSION CONTROL AND SITE PREPARATION PLAN

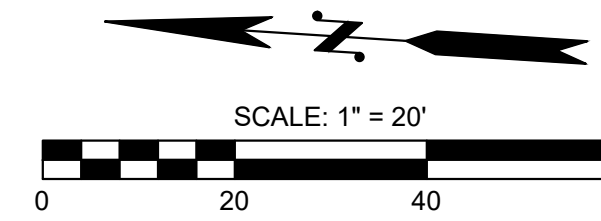
JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>ER08</b> SHEET 14 of 101

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FILE NAME: C:\PW\OCL\WORKING\DIROBORCONCONSULTING-PW\BENTLEY.COM\OSBORCONCONSULTING-PW\LAURA TURNDIGE\MS265661P\_10-210058\_TESC.DWG  
PLOT TIME: 8/23/2023 2:36 PM  
USER NAME: LAURA TURNDIGE





**GENERAL NOTES:**

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2. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 45-54.
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**EROSION CONTROL NOTES:**

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  - f. REMOVE EXISTING FENCE.
  - g. REMOVE AND RESET EXISTING FENCE.
  - h. REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - i. REMOVE EXISTING CONCRETE CURB
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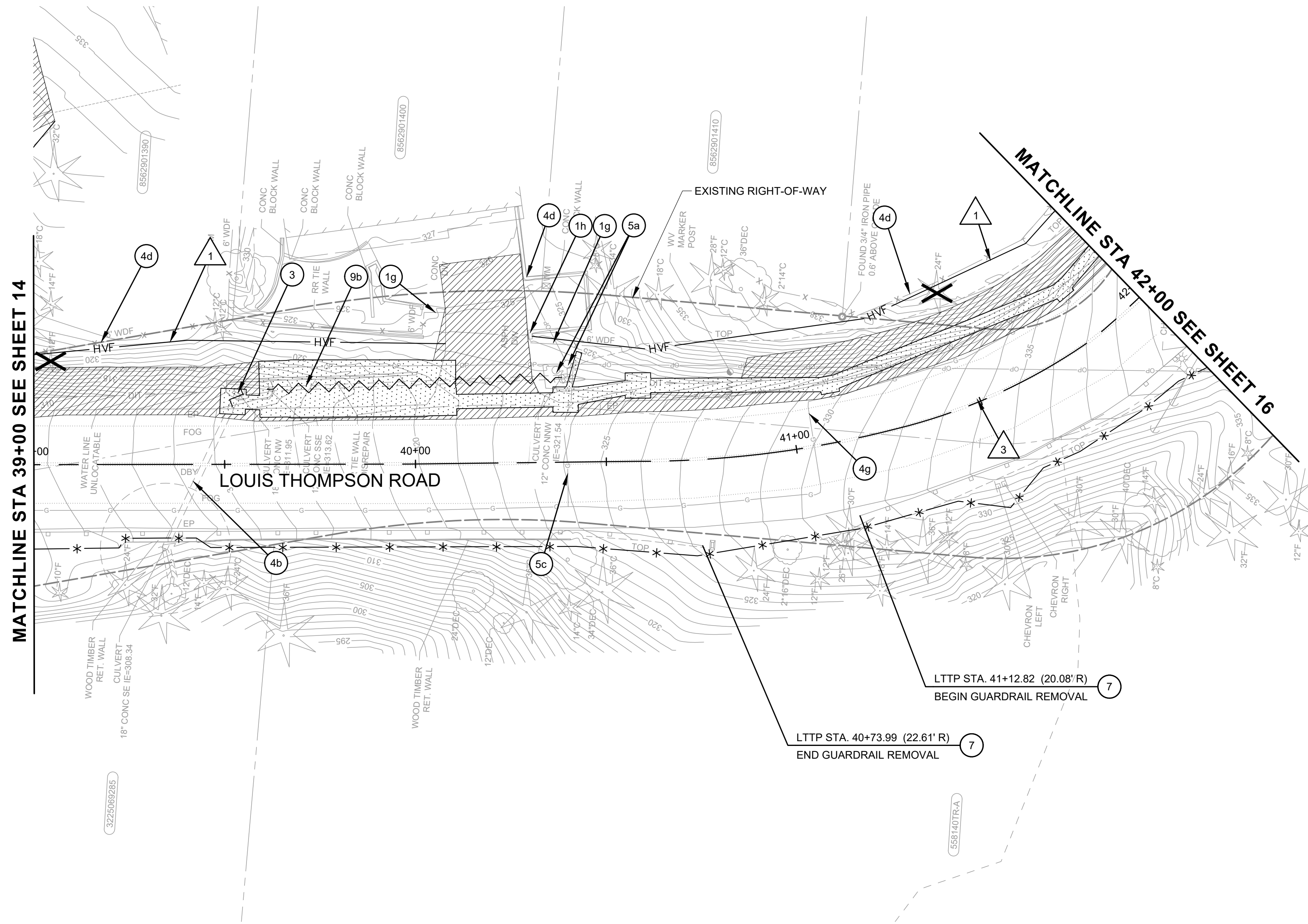
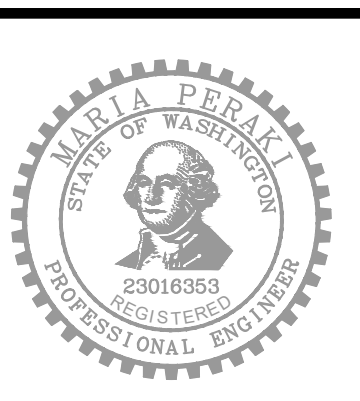
**LEGEND**

- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
- HIGH VISIBILITY FENCE
- HIGH VISIBILITY SILT FENCE
- REMOVE CURB
- STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
- ROADWAY EXCAVATION INCLUDING HAUL
- PLANE FOR OVERLAY
- REMOVE TREE
- INLET PROTECTION

90% SUBMITTAL (NOT FOR CONSTRUCTION)



Know what's below.  
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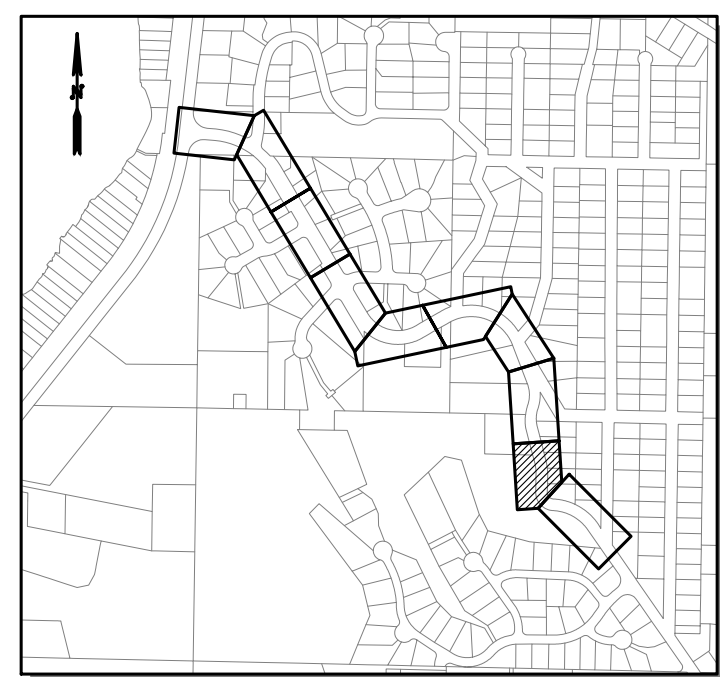
MATCHLINE STA 39+00 SEE SHEET 14

MATCHLINE STA 42+00 SEE SHEET 16

LOUIS THOMPSON ROAD

LTTP STA. 41+12.82 (20.08' R)  
BEGIN GUARDRAIL REMOVAL

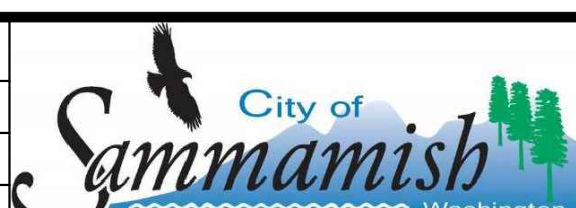
LTTP STA. 40+73.99 (22.61' R)  
END GUARDRAIL REMOVAL



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 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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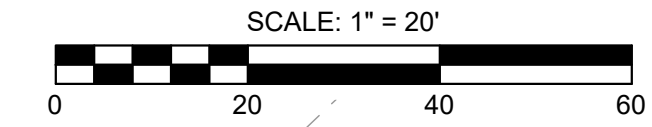
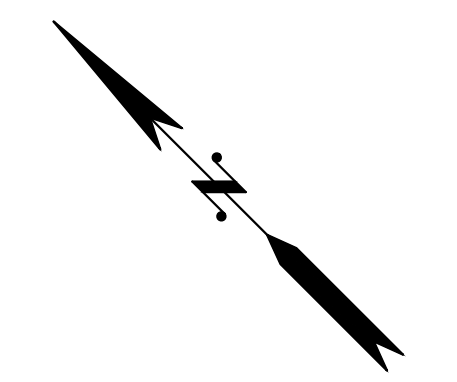
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH

EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG: 10-210058  
 DATE: 08/25/2023

SCALE: H: 1"=20' V: N/A  
 SHEET: ER09 OF 101





**GENERAL NOTES:**

1. PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
2. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 45-54.
3. CONTRACTOR TO NOTIFY PROPERTY OWNER(S) TWO (2) WEEKS PRIOR TO CONSTRUCTION, TO COORDINATE DRIVEWAY ACCESS. DRIVEWAY INGRESS/EGRESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE PROPERTY OWNER.
4. DISTURBANCE AND CLEARING LIMITS SHALL BE MINIMIZED TO THE AREA NECESSARY FOR INSTALLATION OF TEMPORARY AND PERMANENT ELEMENTS. ONLY REMOVE THE MINIMUM VEGETATION NEEDED FOR CONSTRUCTION ACTIVITIES. CLEARING LIMITS SHALL BE DELINEATED USING A HVF AND GENERALLY MATCH THE ROW AND TCE LIMITS, UNLESS OTHERWISE SHOWN IN SHEETS 7-16.
5. PROTECT EXISTING TREE WITHIN THE WORK AREA AND WITHIN 5 FEET FROM THE WORK LIMITS IN ACCORDANCE WITH SHEET 17 DETAIL 1 OR 2 AS FEASIBLE TO PERFORM WORK.
6. INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
7. SEE APPENDIX X OF PROJECT'S SPECIAL PROVISIONS FOR WORK (SITE PREPARATION AND PROPOSED CONDITION) RELATED TO THE WATER LINE, HYDRANTS, AND METERS/VALVES FROM STA 13+50 TO STA 45+50.
8. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 43 AND DETAIL 3 SHEET 17.

**EROSION CONTROL NOTES:**

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.101-30.17.
2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STANDARD PLAN I-40.20.
3. REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

**SITE PREPARATION NOTES:**

1. REMOVAL OF STRUCTURES AND OBSTRUCTIONS
  - a. REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
  - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
  - c. REMOVE BOLLARD.
  - d. REMOVE TIMBER LANDSCAPING WALL.
  - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 52 FOR NEW LOCATION.
  - f. REMOVE EXISTING FENCE.
  - g. REMOVE AND RESET EXISTING FENCE.
  - h. REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
  - i. REMOVE EXISTING CONCRETE CURB
2. PLUG EXISTING PIPE.
3. TRIM EXISTING PIPE TO LENGTH FOR CONNECTION TO DRAINAGE STRUCTURE. SEE SHEETS 18-27.
4. PROTECT IN-PLACE
  - a. EXISTING CATCH BASIN
  - b. EXISTING CULVERT
  - c. EXISTING POWER POLE, RISER, CABINET
  - d. EXISTING FENCE OR RETAINING WALL
  - e. EXISTING MONUMENT
  - f. EXISTING UNDERGROUND POWER LINE
  - g. EXISTING GAS LINE
5. EXISTING UTILITY TO BE RELOCATED BY OTHERS
  - a. POWER POLE, RISER, CABINET
  - b. COMMUNICATION LINE/STRUCTURE
  - c. GAS LINE
6. PROTECT AND ADJUST TO FINISH GRADE
  - a. EXISTING GAS VALVE
  - b. EXISTING SEWER MANHOLE
  - c. EXISTING JUNCTION BOXES
  - d. EXISTING WATER VALVE/WATER VALVE MARKERS
7. REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
8. RELOCATE EXISTING SIGN. SEE SHEETS 56-65 FOR PROPOSED LOCATION.
9. REMOVE
  - a. EXISTING DRAINAGE STRUCTURE
  - b. EXISTING CULVERT OR STORM DRAIN

**LEGEND**

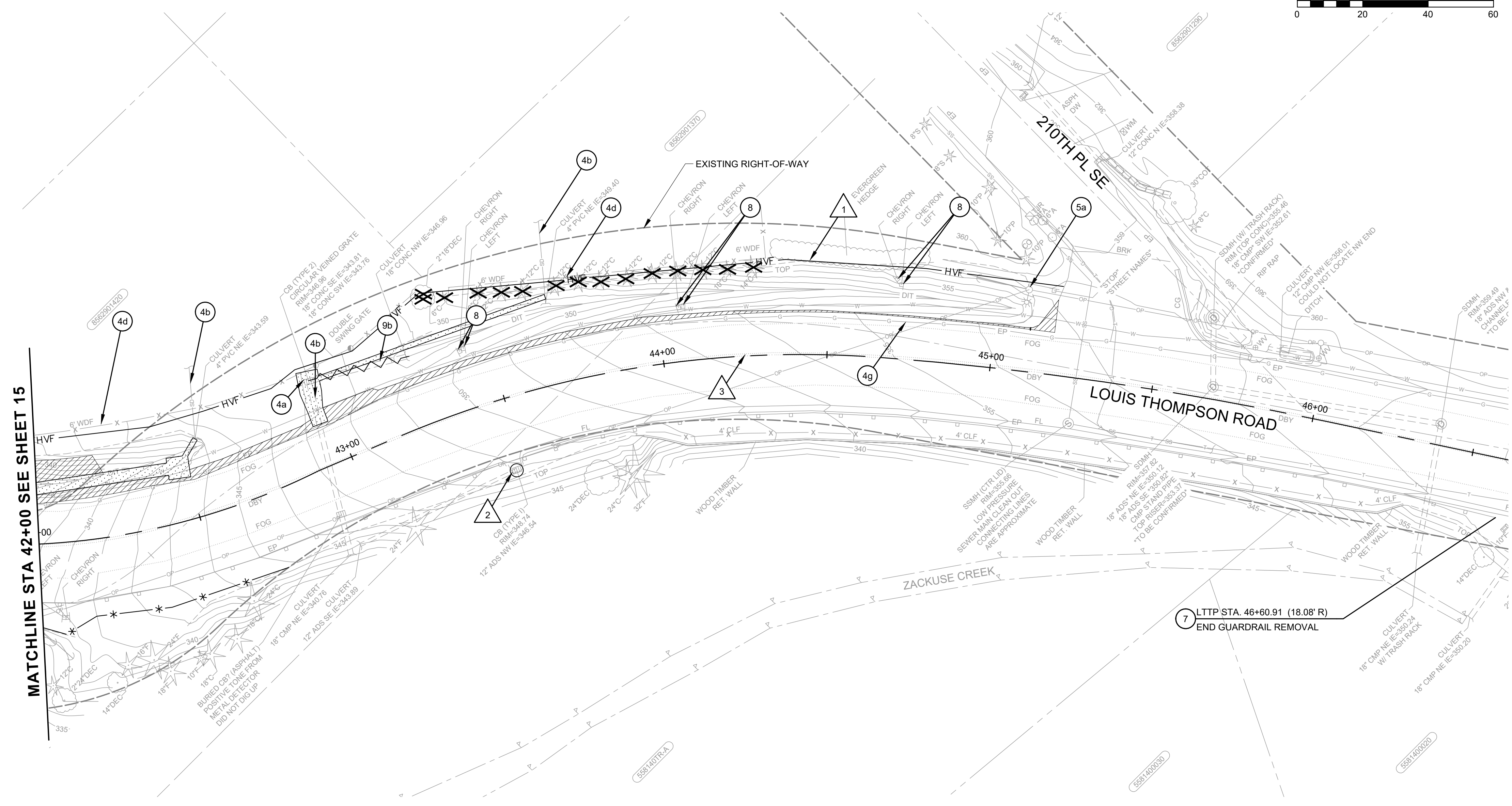
- REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE
- HVF
- HIGH VISIBILITY SILT FENCE
- REMOVE CURB
- STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
- ROADWAY EXCAVATION INCLUDING HAUL
- PLANE FOR OVERLAY
- REMOVE TREE
- INLET PROTECTION



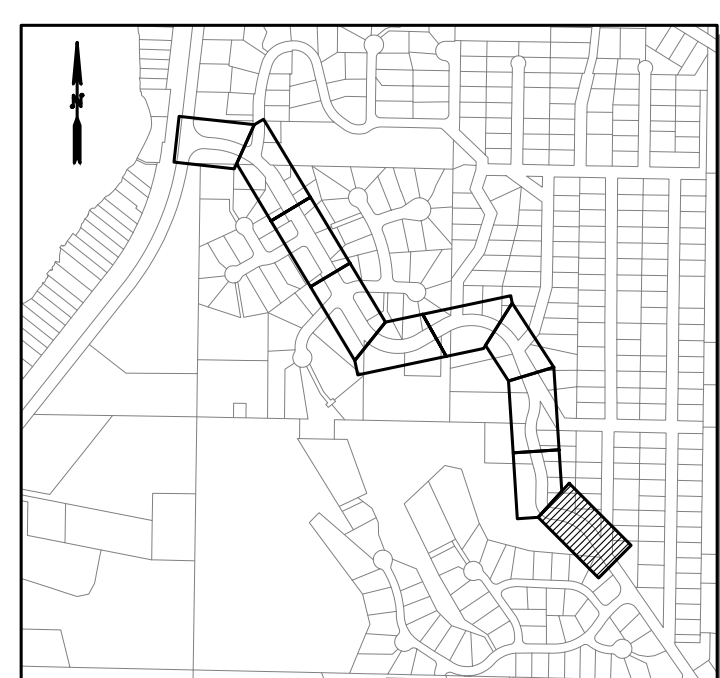
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MATCHLINE STA 42+00 SEE SHEET 15



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 DRAWN BY: LT/LO/FJ  
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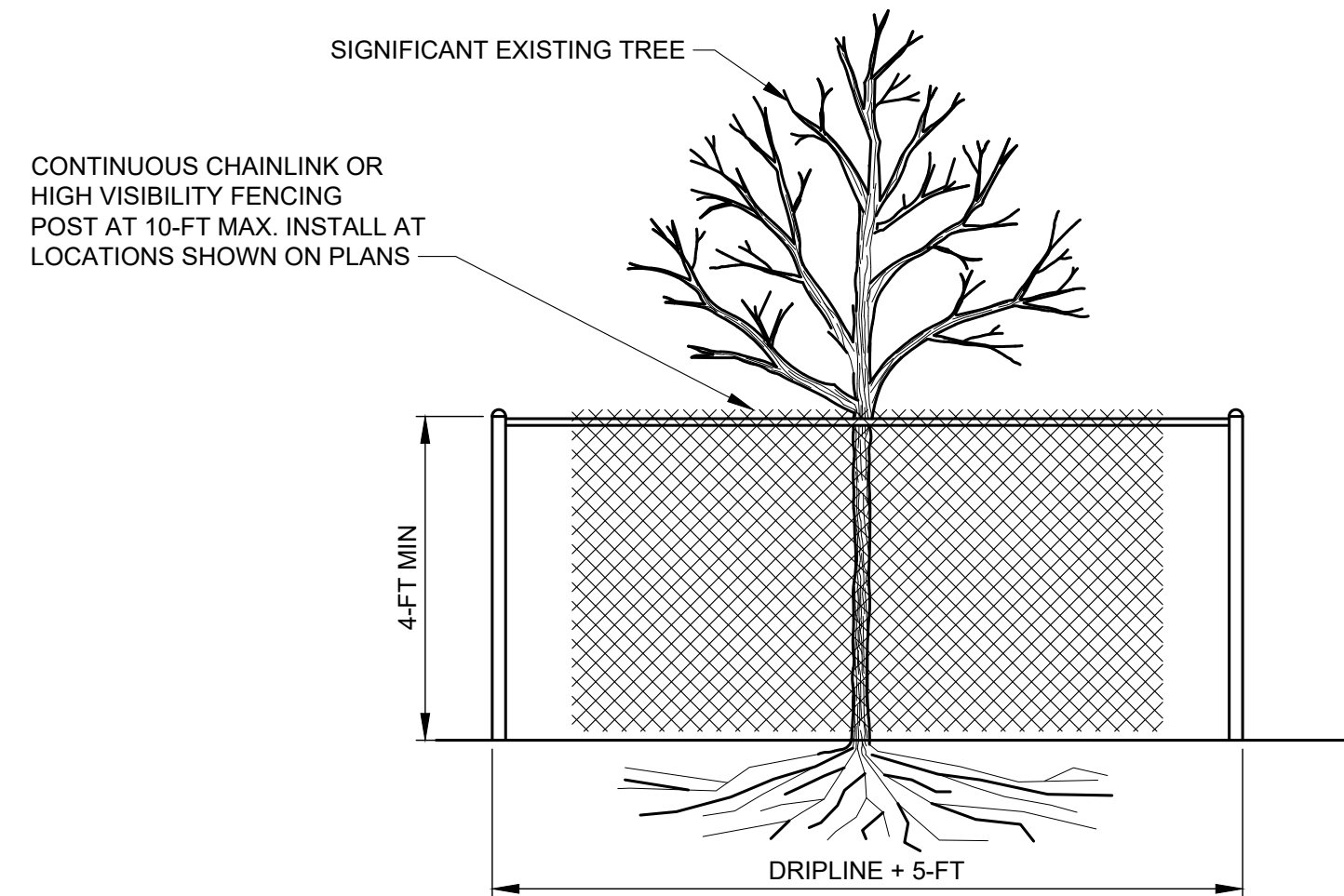
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**EROSION CONTROL AND SITE PREPARATION PLAN**

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A	<b>ER10</b>	SHEET 16 of 101

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 PLOT TIME: 8/23/2023 2:36 PM  
 USER NAME: LAURA TURNDIGE



FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\DWG\265661P\_10-210058\_TESC\_DET.DWG  
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 USER NAME: LAURA TURNIDGE

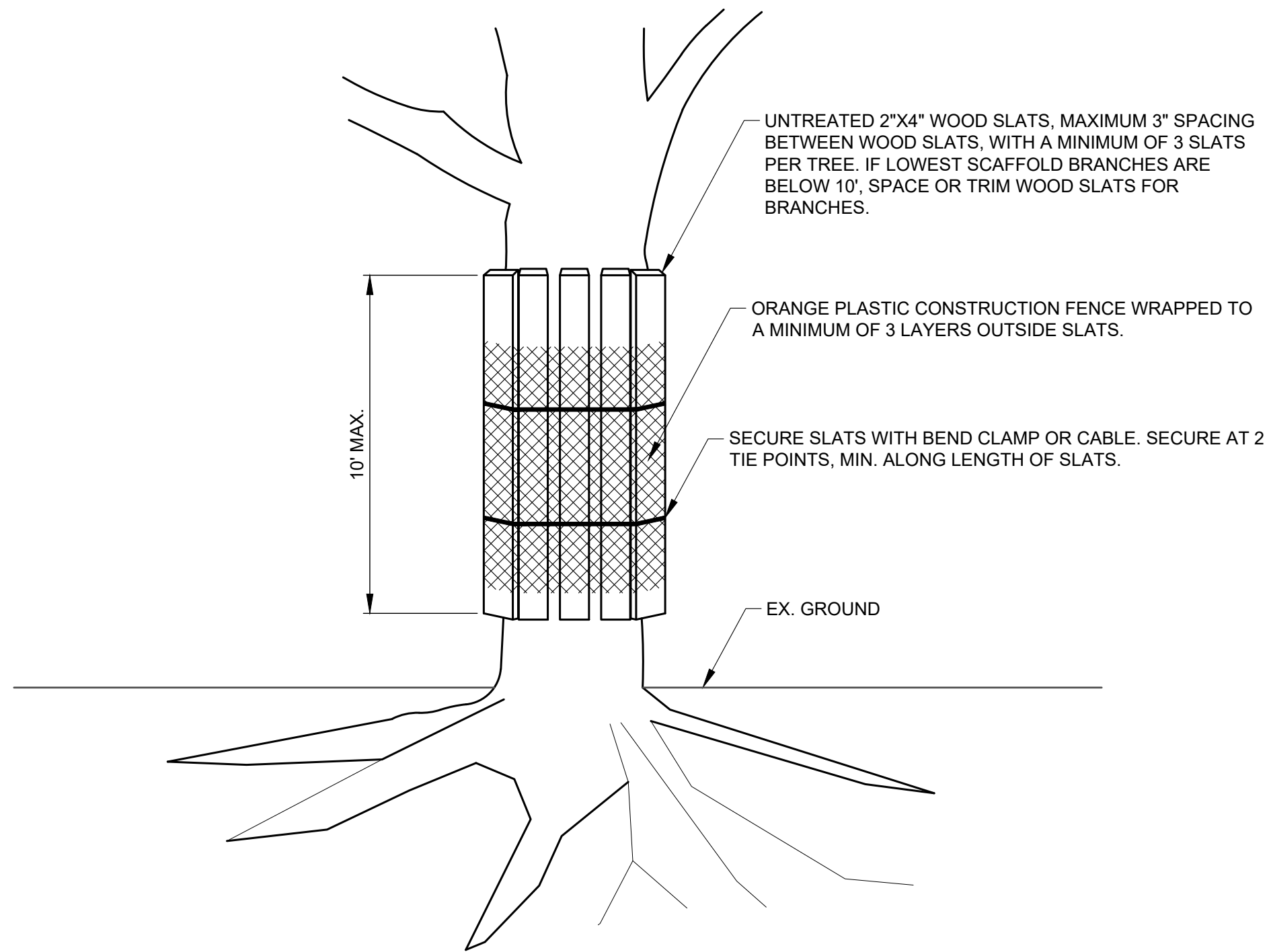


**NOTES:**

1. MINIMUM FOUR (4) FOOT HIGH TEMPORARY FENCING SHALL BE INSTALLED FIVE (5) FEET BEYOND THE DRIPLINE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCIRCLE TREE(S). INSTALL FENCE POSTS USING PIER BLOCK ONLY. AVOID POST OR STAKES INTO MAJOR ROOTS. MODIFICATIONS TO FENCING MATERIAL AND LOCATION MUST BE APPROVED BY PLANNING OFFICIAL.
2. TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER ONE (1) INCH 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.
3. NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMIT OF THE FENCING. FENCING SHALL NOT BE MOVED OR REMOVED UNLESS APPROVED BY THE CITY PLANNING OFFICIAL. WORK WITHIN PROTECTION FENCE SHALL BE DONE MANUALLY UNDER THE SUPERVISION OF THE ON-SITE ARBORIST AND WITH PRIOR APPROVAL BY THE CITY PLANNING OFFICIAL.

**1 TREE PROTECTION**

7-16 N.T.S.

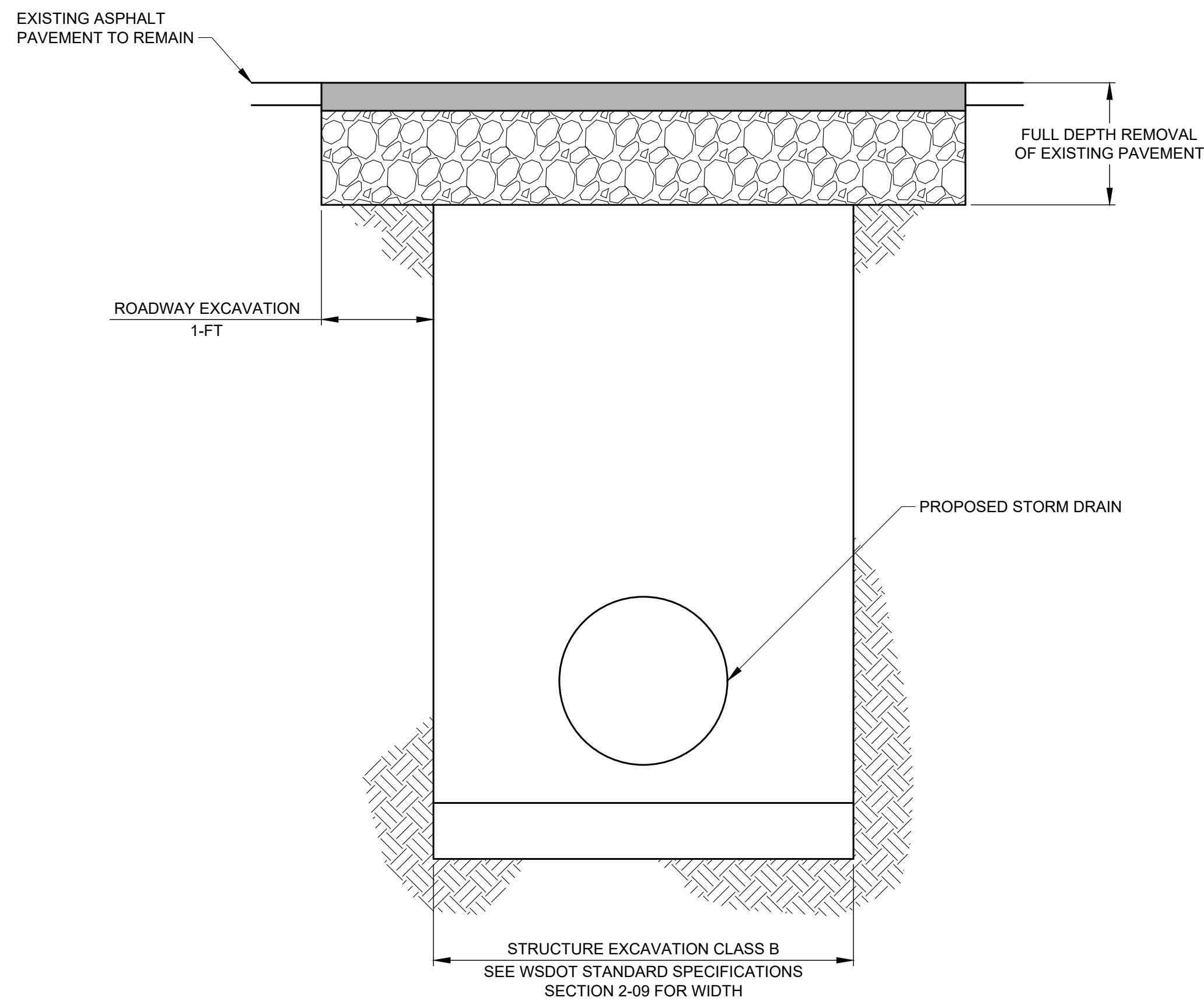


**NOTES:**

1. WRAP ORANGE PLASTIC CONSTRUCTION FENCE ON TOP OF WOOD SLATS WITH AN OVERLAP OF 12" AND TIE WITH WIRE.
2. TRUNK WRAP SHALL BE IN PLACE NO MORE THAN 5 WORKING DAYS BEFORE WORK ADJACENT TO TREE, AND REMOVED NO MORE THAN 5 WORKING DAYS AFTER WORK ADJACENT TO TREE, UNLESS OTHERWISE DIRECTED BY THE CITY.
3. FOR PROJECT DURATIONS LASTING MORE THAN 4 MONTHS, PROJECT ARBORIST TO INSPECT AND DETERMINE IF PROTECT NEEDS TO BE ADJUSTED.
4. REDUCE ROOT ZONE COMPACTION: ARBORIST WOOD CHIP MULCH (AWCM) SHALL BE APPLIED TO A SIX-INCH DEPTH, WITH 5/4 PLYWOOD SHEETING OR A STEEL PLATE ON TOP. AWCM TO SIX-INCH DEPTH WITH 5/4 PLYWOOD SHEETING SHALL BE TEMPORARILY UTILIZED, WHEN HEAVY MACHINERY AND EQUIPMENT, ARE WITHIN THE DRIPLINE OF TREE WITHIN THE PROJECT LIMITS. ONCE ASSOCIATED CONSTRUCTION WORK ENDS, AWCM AND PLYWOOD/STEEL PLATE SHALL BE REMOVED.

**2 TRUNK WRAP DETAIL**

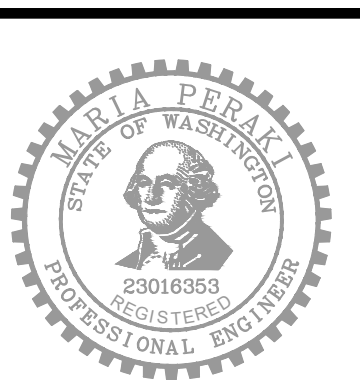
7-16 N.T.S.



**3 TRENCH DETAIL**

7-16 N.T.S.

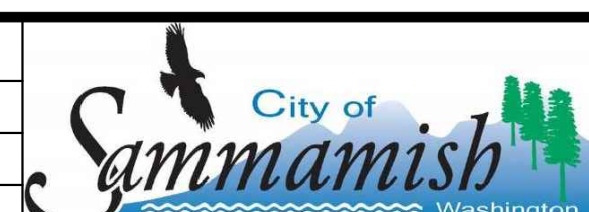
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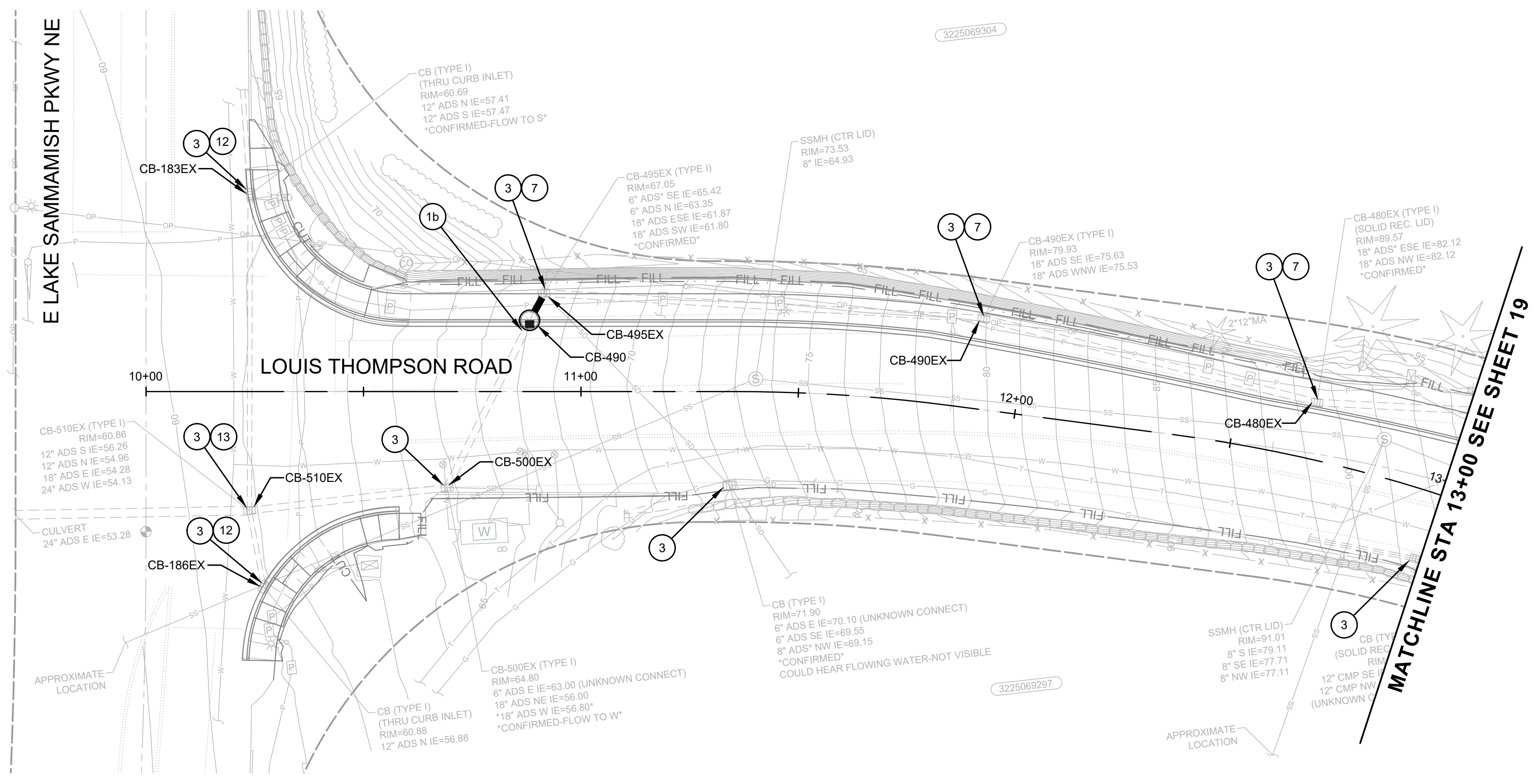
NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 EROSION CONTROL AND  
 SITE PREPARATION DETAILS

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A	ER11	
SHEET			17 of 101





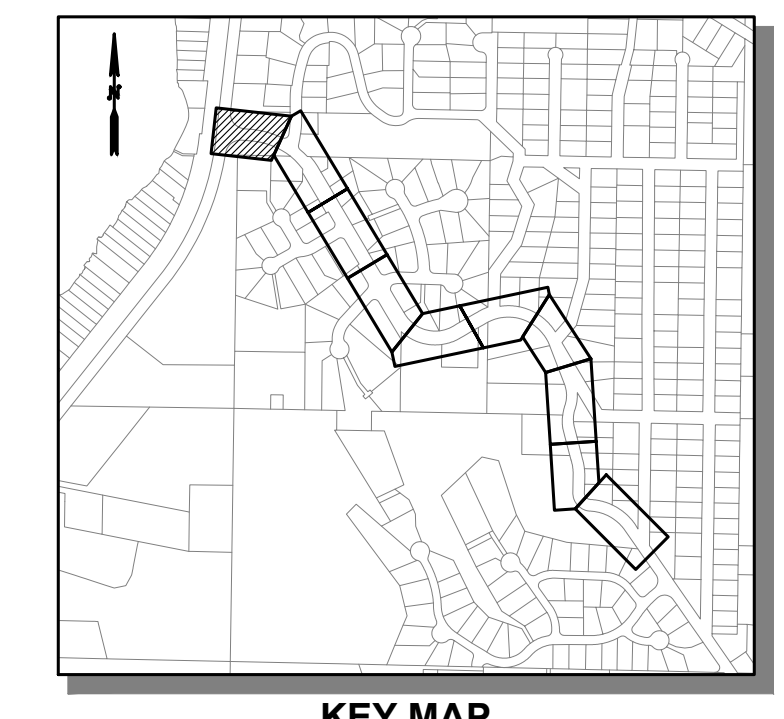
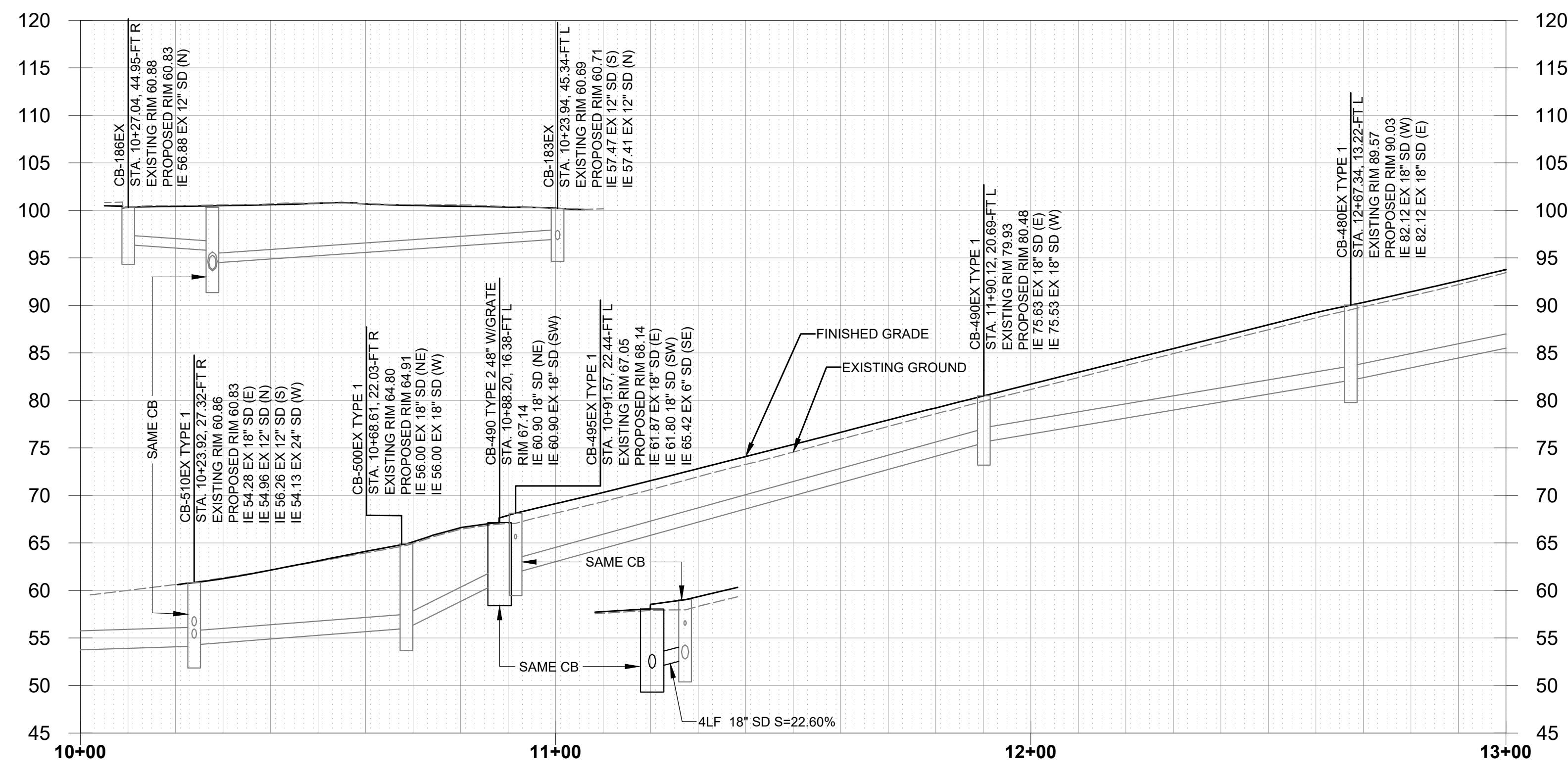
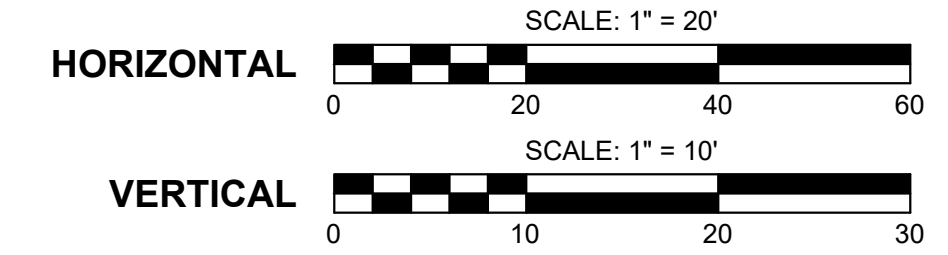
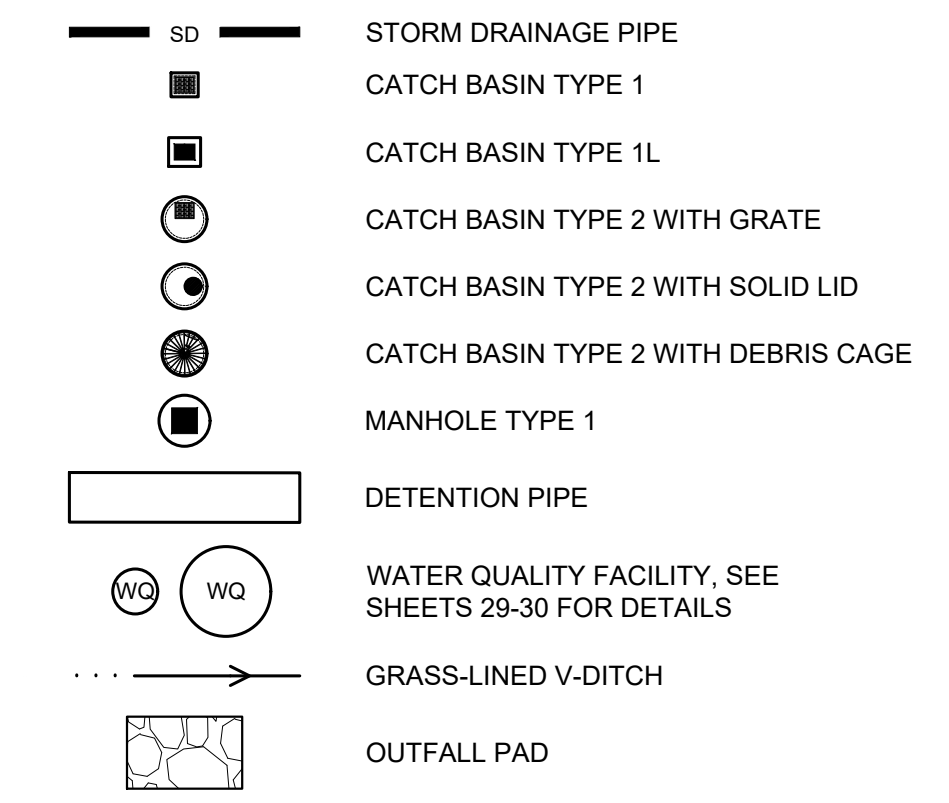
**GENERAL NOTES:**

1. CONTRACTOR SHALL VERIFY/CONFIRM THE ACCURACY OF UTILITY LOCATIONS SHOWN AND OTHER UTILITIES.
2. ALL DRAINAGE STRUCTURES ARE LOCATED BY STATION AND OFFSET TO THE CENTER OF THE STRUCTURE.
3. THE ROADWAY CENTERLINE STATIONING IS USED FOR THE PROFILES. EXISTING AND PROPOSED SURFACES ARE SHOWN ON TOP OF THE STORM PIPE NETWORK.
4. FOR SITE PREPARATION SEE SHEETS 7-16.
5. FOR RETAINING WALLS, SIDEWALKS, DRIVEWAYS AND OTHER NON-MOTORIZED IMPROVEMENTS, SEE SHEETS 45-54.
6. LOCATION OF UTILITY CROSSINGS SHOWN ON PROFILES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL UTILITY CROSSING LOCATIONS AND DEPTHS PRIOR TO EXCAVATION ACTIVITIES.

**CONSTRUCTION NOTES:**

1. CONNECTION TO DRAINAGE STRUCTURE
  - a. CONNECTION TO EXISTING STRUCTURE
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2. CONSTRUCT OUTFALL PAD PER DETAIL 1 ON SHEET 32.
3. ADJUST EXISTING DRAINAGE STRUCTURE RIM TO GRADE.
4. INSTALL COMBINATION INLET PER WSDOT STANDARD PLAN B-25.20.
5. INSTALL DEBRIS CAGE ON CATCH BASIN TYPE 2 PER DETAIL 2 ON SHEET 31.
6. INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
7. INSTALL SOLID LID WITH SLIP RESISTANT FINISH.
8. CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. INSTALL PIPE REDUCER AND COUPLER TO MATCH EXISTING PIPE. FIELD VERIFY LOCATION.
9. INSTALL CLEANOUT AT NEW PIPE CONNECTION TO OFFSITE LATERAL PER WSDOT STANDARD PLAN B-85.40.
10. CONNECT OFFSITE LATERAL TO CATCH BASIN.
11. DITCH MAINTENANCE.
12. REPLACE EXISTING GRATE WITH RECTANGULAR BI-DIRECTIONAL VANED GRATE.
13. REPLACE EXISTING GRATE WITH RECTANGULAR SOLID METAL COVER.
14. INSTALL BEVELED END PIPE SECTION WITH PIPE END TRASH RACK PER C.O.S FIG 7-01 AND FIG 7-02.
15. INSTALL DETENTION PIPE FLOW RESTRICTOR PER DETAIL 2 SHEET 28.
16. INSTALL FLOW SPLITTER WITH RISER SYSTEM PER DETAIL 1 SHEET 31.
17. INSTALL DETENTION PIPE ACCESS PER DETAIL 1 SHEET 28. ACCESS LOCATED BY STATION AND OFFSET TO THE CENTER OF THE RISER.
18. CONNECT WALL UNDERDRAIN TO PROPOSED STRUCTURE.
19. CONNECT PIPE TO EXISTING PIPE WITH TRANSITION COUPLING.
20. CONSTRUCT GRASS-LINED V-DITCH PER DETAIL 2 SHEET 32.
21. CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 32.

**LEGEND**



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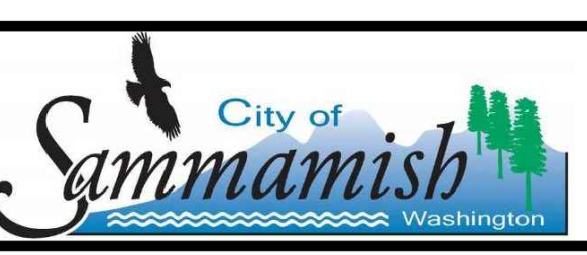


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PLOT TIME: 8/23/2023 2:37 PM  
USER NAME: LAURA TURNIDGE

DESIGNED BY: MP  
DRAWN BY: LT/LO/FJ  
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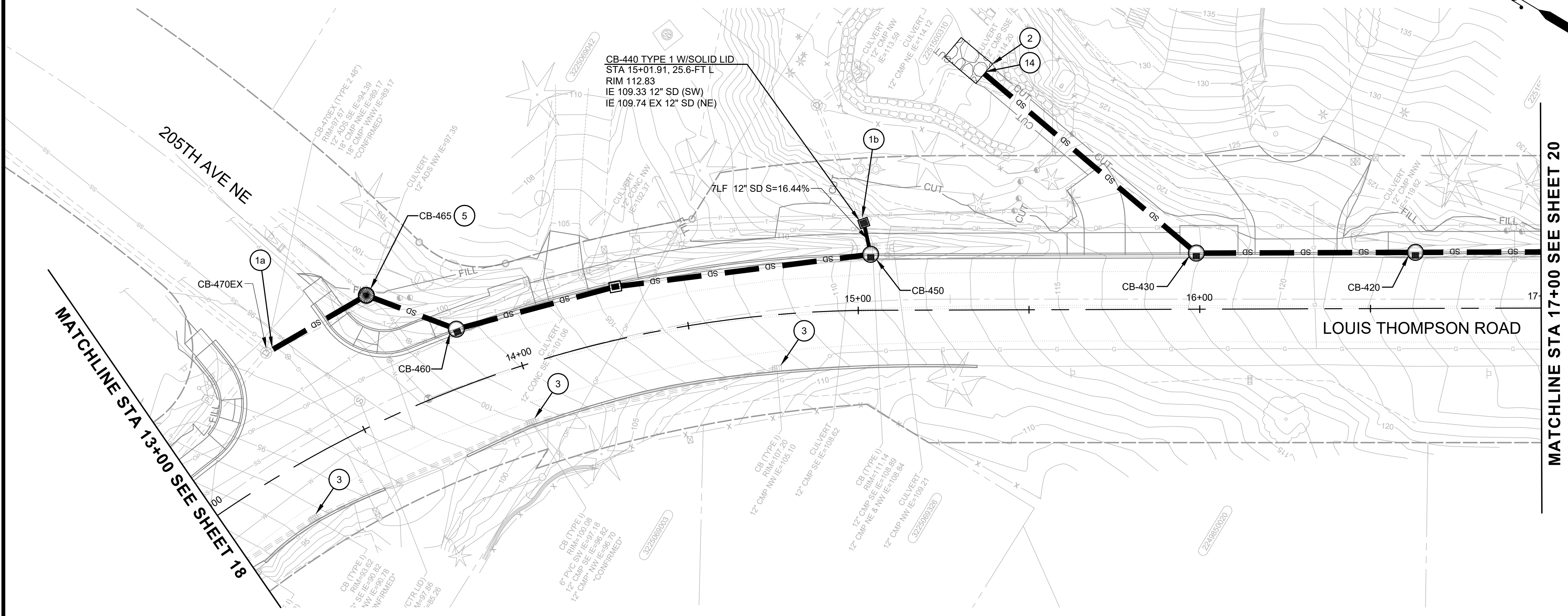
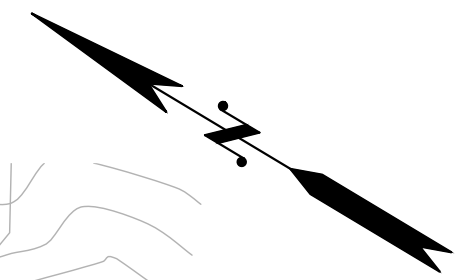
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH

STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058  
DATE: 08/25/2023

SCALE: H: 1"=20' V: 1"=10'  
DR01  
SHEET 18 of 101





**GENERAL NOTES:**

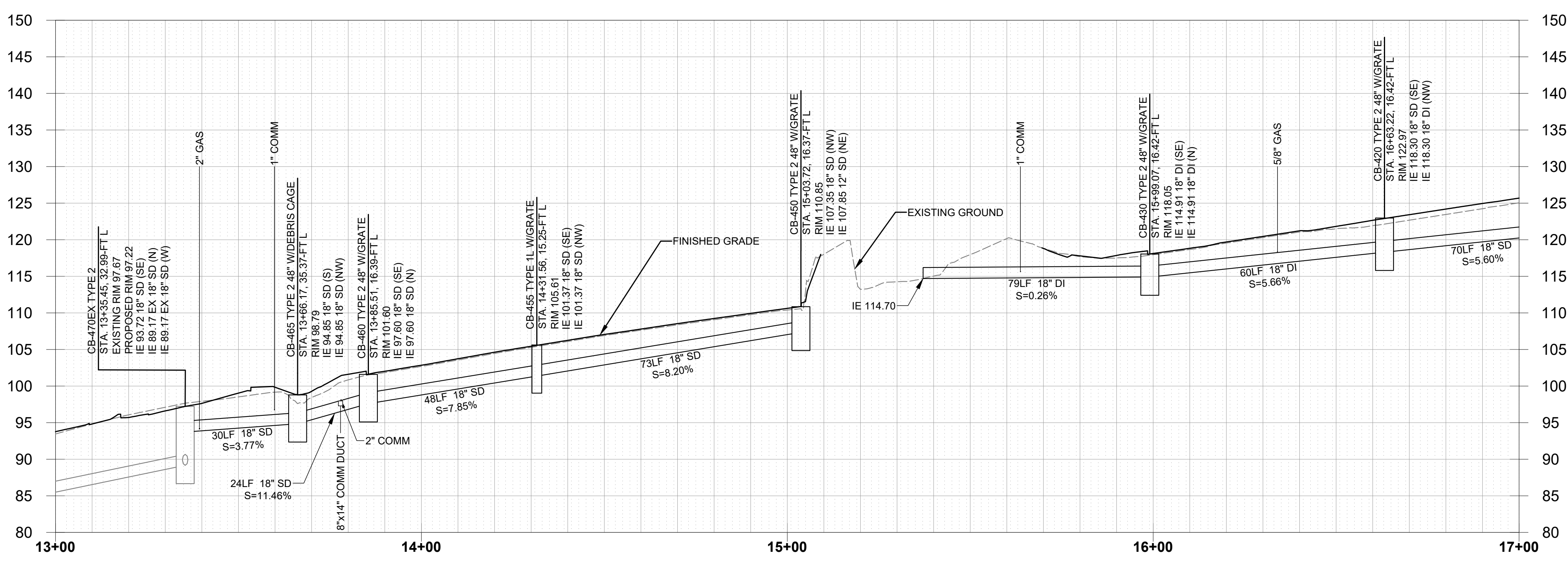
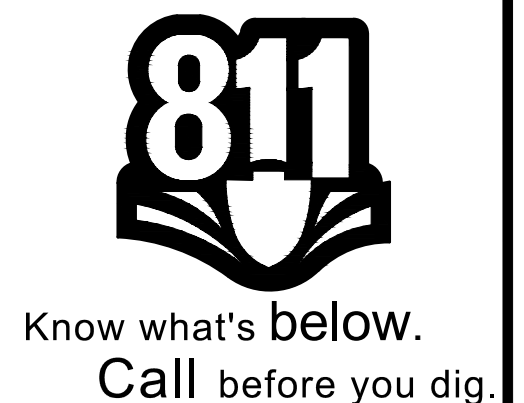
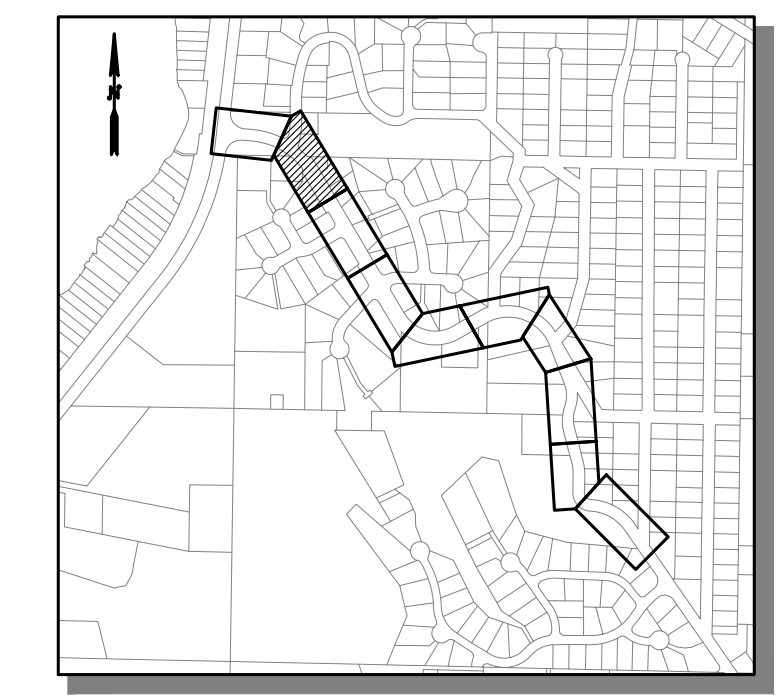
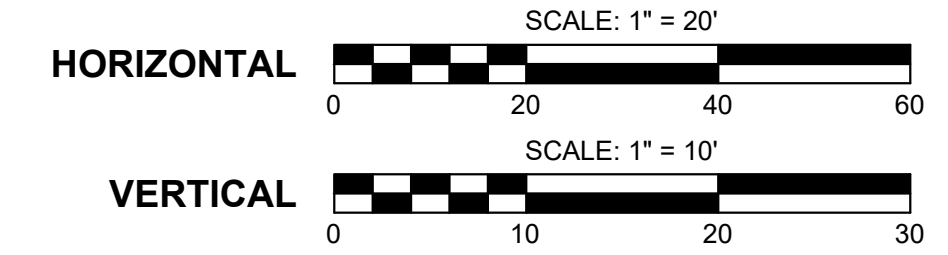
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6. LOCATION OF UTILITY CROSSINGS SHOWN ON PROFILES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL UTILITY CROSSING LOCATIONS AND DEPTHS PRIOR TO EXCAVATION ACTIVITIES.

**CONSTRUCTION NOTES:**

1. CONNECTION TO DRAINAGE STRUCTURE
  - a. CONNECTION TO EXISTING STRUCTURE
  - b. CONNECT EXISTING PIPE TO PROPOSED STRUCTURE
2. CONSTRUCT OUTFALL PAD PER DETAIL 1 ON SHEET 32.
3. ADJUST EXISTING DRAINAGE STRUCTURE RIM TO GRADE.
4. INSTALL COMBINATION INLET PER WSDOT STANDARD PLAN B-25.20.
5. INSTALL DEBRIS CAGE ON CATCH BASIN TYPE 2 PER DETAIL 2 ON SHEET 31.
6. INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
7. INSTALL SOLID LID WITH SLIP RESISTANT FINISH.
8. CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. INSTALL PIPE REDUCER AND COUPLER TO MATCH EXISTING PIPE. FIELD VERIFY LOCATION.
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20. CONSTRUCT GRASS-LINED V-DITCH PER DETAIL 2 SHEET 32.
21. CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 32.

**LEGEND**

- SD STORM DRAINAGE PIPE
- CATCH BASIN TYPE 1
- CATCH BASIN TYPE 1L
- CATCH BASIN TYPE 2 WITH GRATE
- CATCH BASIN TYPE 2 WITH SOLID LID
- CATCH BASIN TYPE 2 WITH DEBRIS CAGE
- MANHOLE TYPE 1
- DETENTION PIPE
- WATER QUALITY FACILITY, SEE SHEETS 29-30 FOR DETAILS
- GRASS-LINED V-DITCH
- OUTFALL PAD



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 PLOT TIME: 8/23/2023 2:37 PM  
 USER NAME: LAURA TURNDIGE

DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
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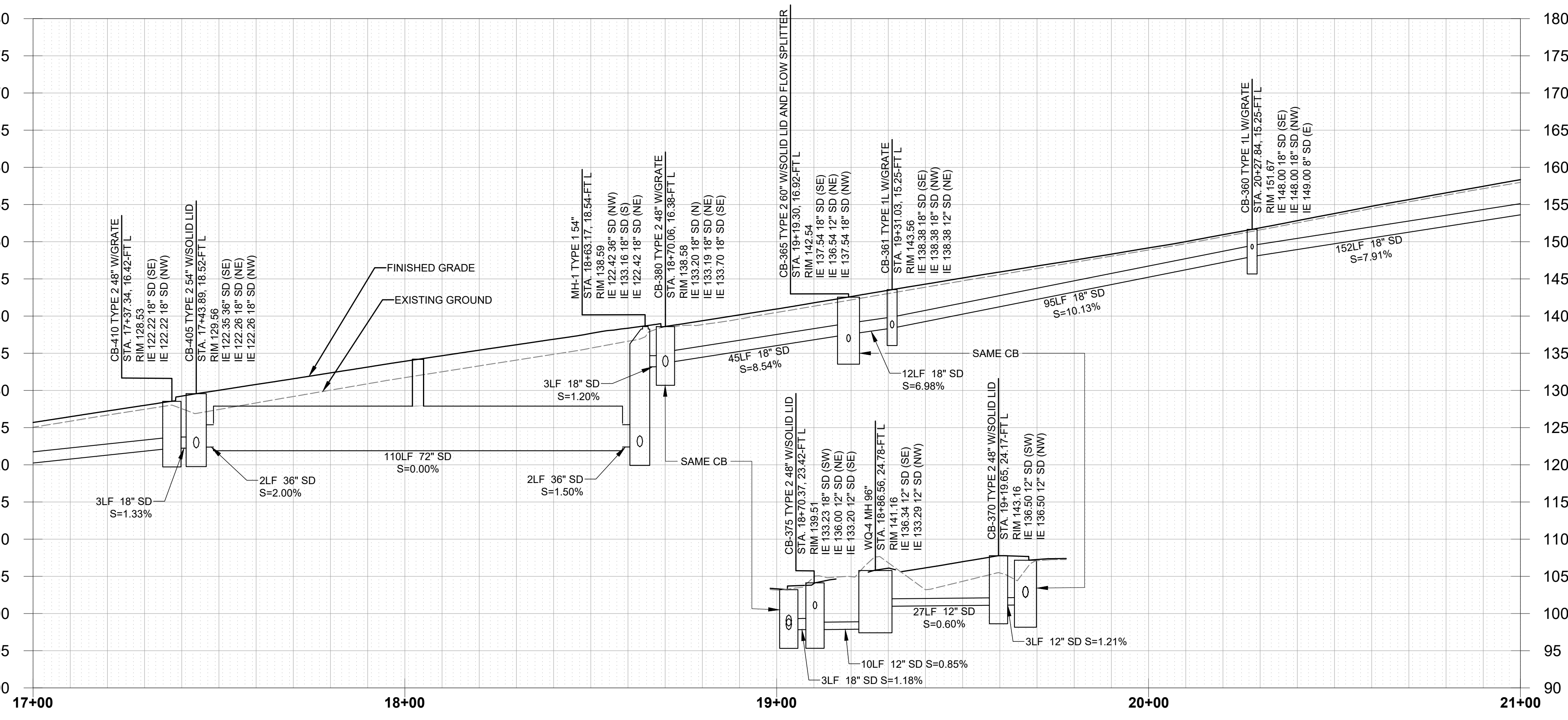
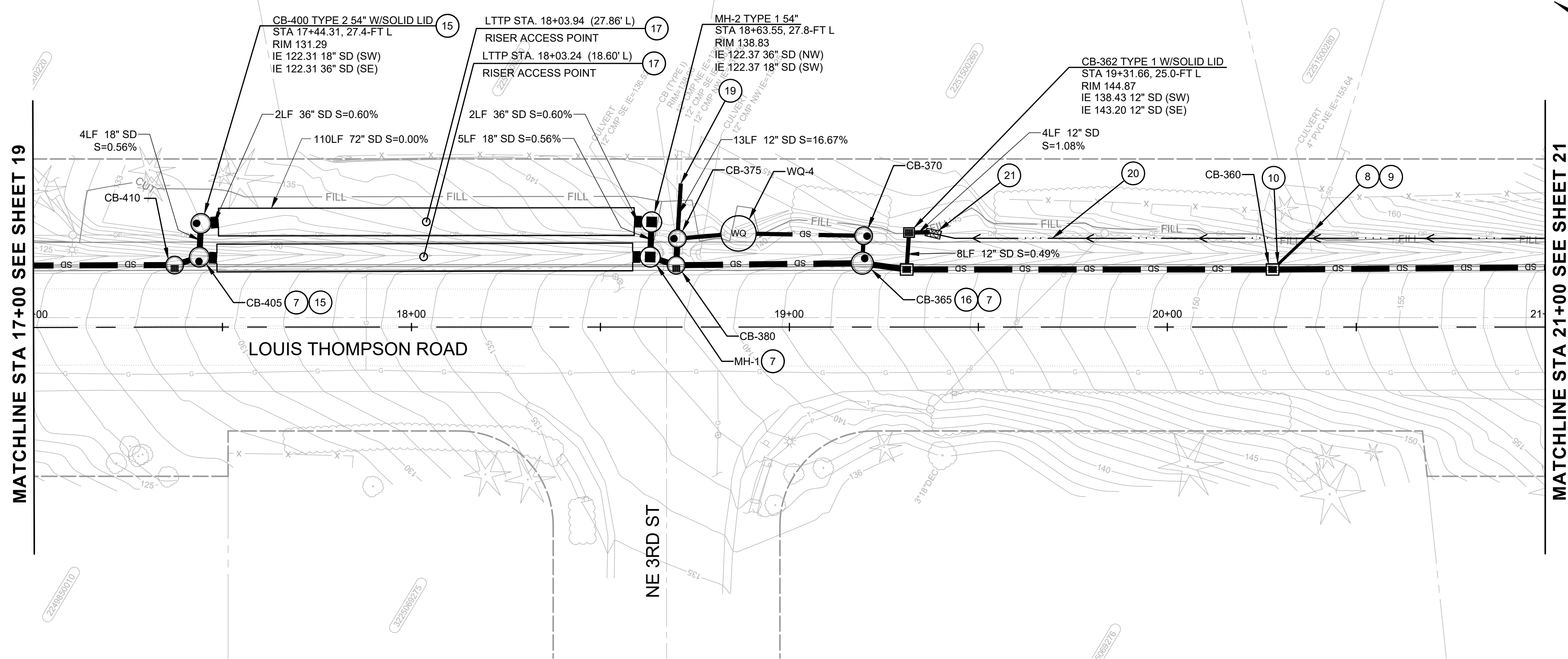
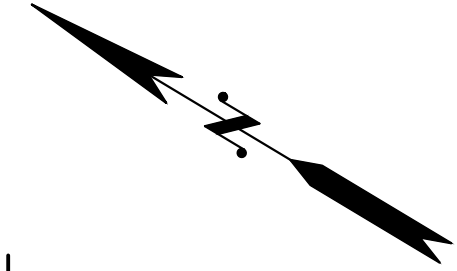


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058  
 DATE: 08/25/2023  
 SCALE: H: 1"=20' V: 1"=10'  
**DR02**  
 SHEET 19 of 101



SEC. 32, T. 25N, R. 6E, W.M.



**GENERAL NOTES:**

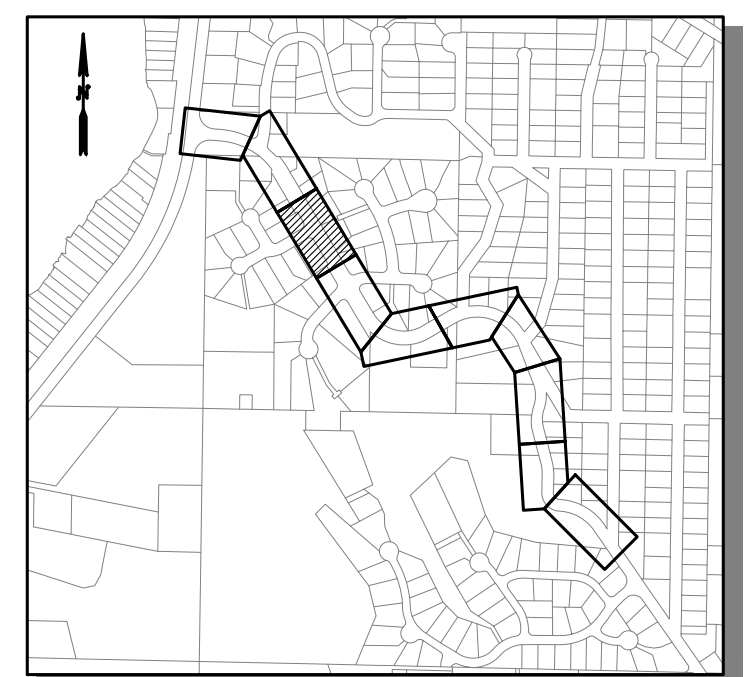
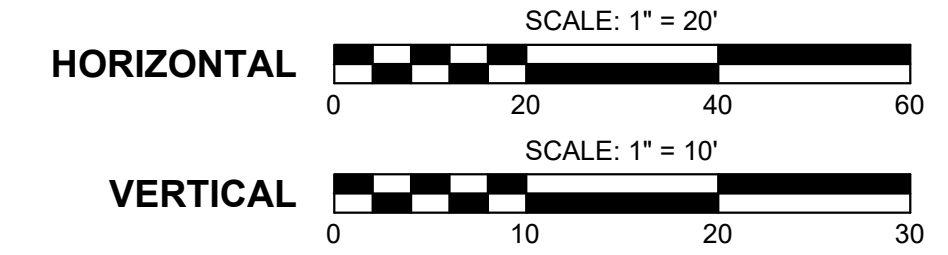
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2. CONSTRUCT OUTFALL PAD PER DETAIL 1 ON SHEET 32.
3. ADJUST EXISTING DRAINAGE STRUCTURE RIM TO GRADE.
4. INSTALL COMBINATION INLET PER WSDOT STANDARD PLAN B-25.20.
5. INSTALL DEBRIS CAGE ON CATCH BASIN TYPE 2 PER DETAIL 2 ON SHEET 31.
6. INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
7. INSTALL SOLID LID WITH SLIP RESISTANT FINISH.
8. CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. INSTALL PIPE REDUCER AND COUPLER TO MATCH EXISTING PIPE. FIELD VERIFY LOCATION.
9. INSTALL CLEANOUT AT NEW PIPE CONNECTION TO OFFSITE LATERAL PER WSDOT STANDARD PLAN B-85.40.
10. CONNECT OFFSITE LATERAL TO CATCH BASIN.
11. DITCH MAINTENANCE.
12. REPLACE EXISTING GRATE WITH RECTANGULAR BI-DIRECTIONAL VANED GRATE.
13. REPLACE EXISTING GRATE WITH RECTANGULAR SOLID METAL COVER.
14. INSTALL BEVELED END PIPE SECTION WITH PIPE END TRASH RACK PER C.O.S FIG 7-01 AND FIG 7-02.
15. INSTALL DETENTION PIPE FLOW RESTRICTOR PER DETAIL 2 SHEET 28.
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20. CONSTRUCT GRASS-LINED V-DITCH PER DETAIL 2 SHEET 32.
21. CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 32.

**LEGEND**

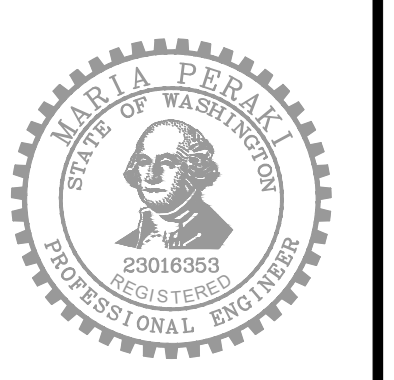
- SD STORM DRAINAGE PIPE
- CATCH BASIN TYPE 1
- CATCH BASIN TYPE 1L
- CATCH BASIN TYPE 2 WITH GRATE
- CATCH BASIN TYPE 2 WITH SOLID LID
- CATCH BASIN TYPE 2 WITH DEBRIS CAGE
- MANHOLE TYPE 1
- DETENTION PIPE
- WATER QUALITY FACILITY, SEE SHEETS 29-30 FOR DETAILS
- GRASS-LINED V-DITCH
- OUTFALL PAD



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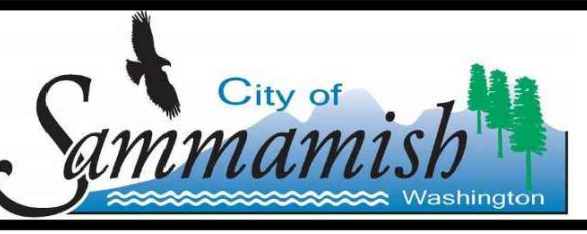


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 PLOT TIME: 8/23/2023 2:37 PM  
 USER NAME: LAURA TURNIDGE

DESIGNED BY MP  
 DRAWN BY LT/LO/FJ  
 CHECKED BY LR

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NO.	DATE	REVISION	BY

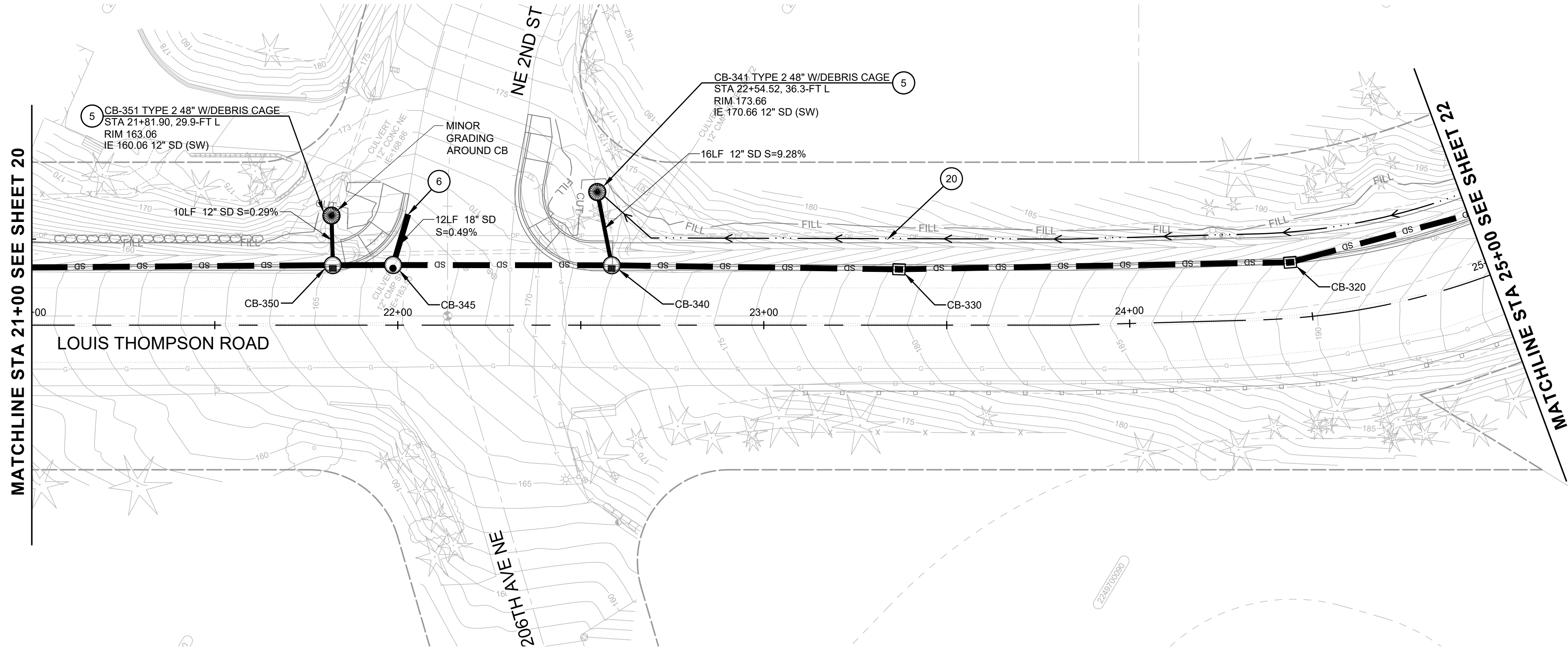
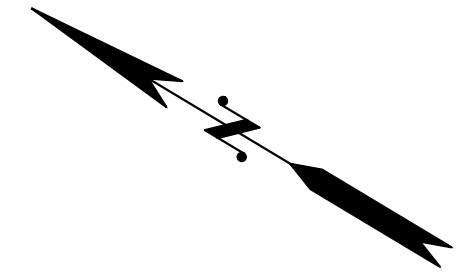


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH

STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: 1"=10'	DR03	SHEET 20 of 101





**GENERAL NOTES:**

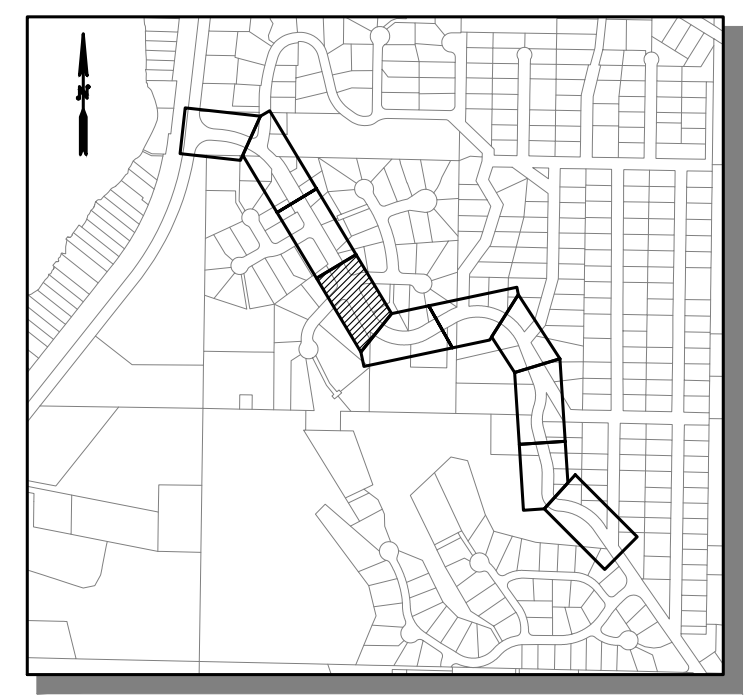
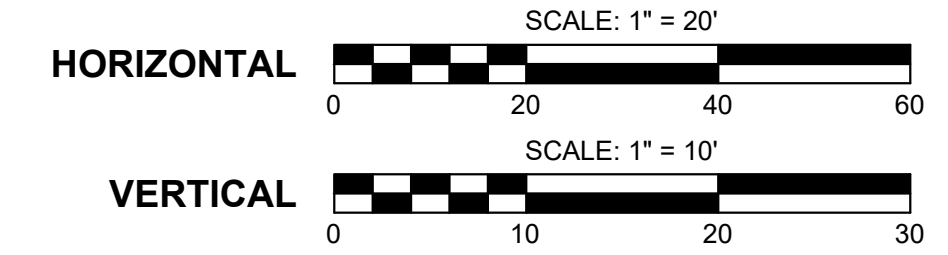
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4. FOR SITE PREPARATION SEE SHEETS 7-16.
5. FOR RETAINING WALLS, SIDEWALKS, DRIVEWAYS AND OTHER NON-MOTORIZED IMPROVEMENTS, SEE SHEETS 45-54.
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21. CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 32.

**LEGEND**

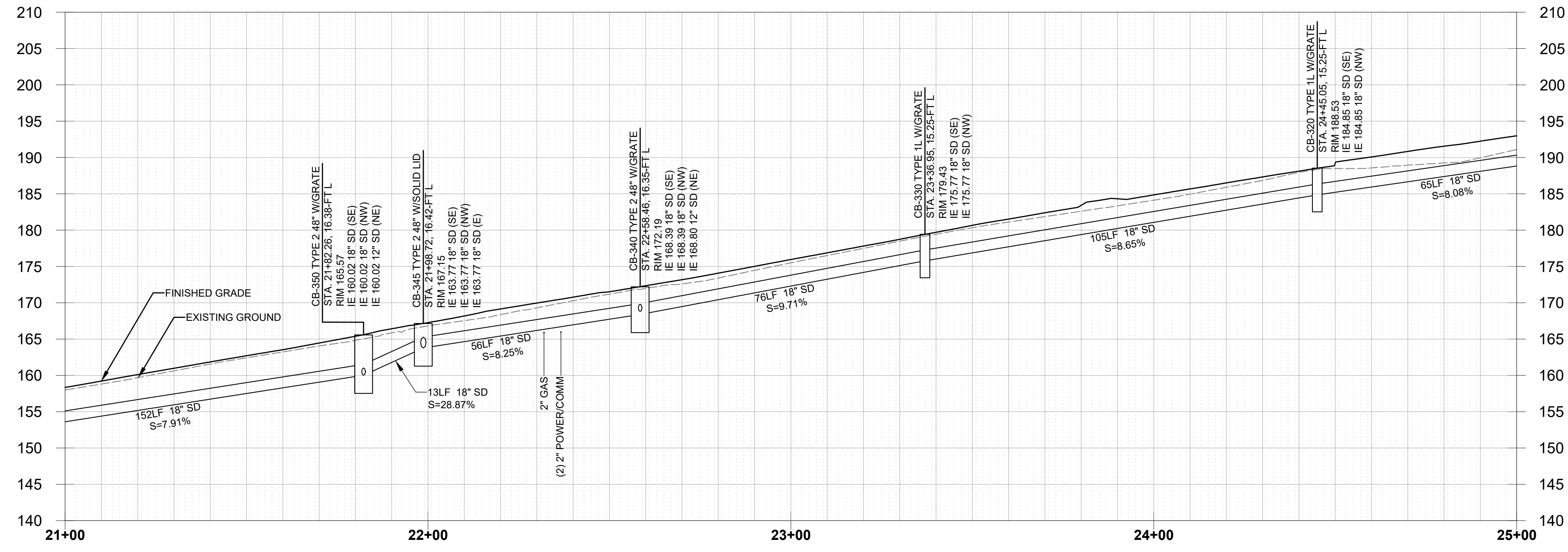
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 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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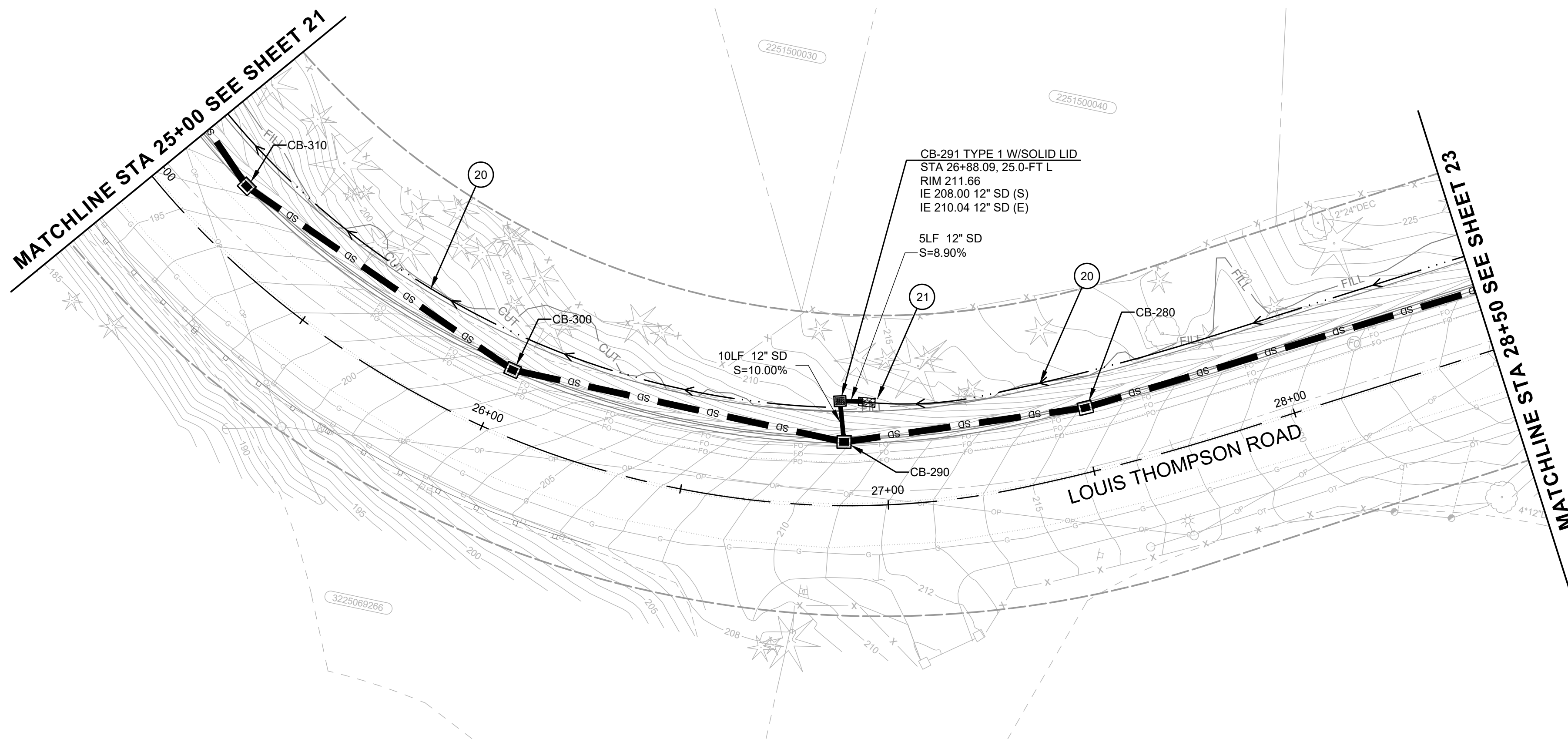


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: 1"=10'	DR04	SHEET 21 of 101

FILE NAME: C:\P\O\O\WORKINGDIOSBORNCONSULTING-PW\BENTLEY.COM\_OSBORNCONSULTING-PW\01LAURA TURNDIGE\MS265661P\_10-210058\_STRM.DWG  
 PLOT TIME: 8/23/2023 2:37 PM  
 USER NAME: LAURA TURNDIGE





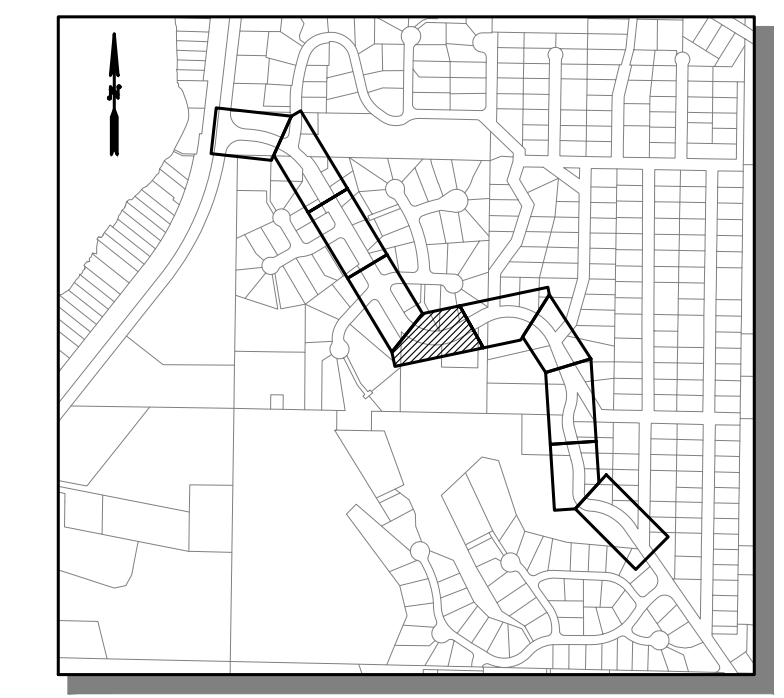
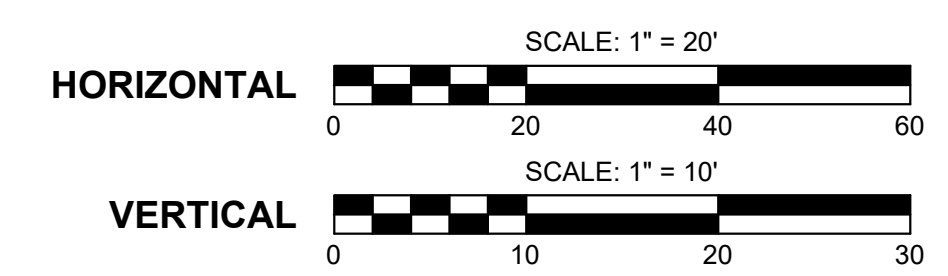
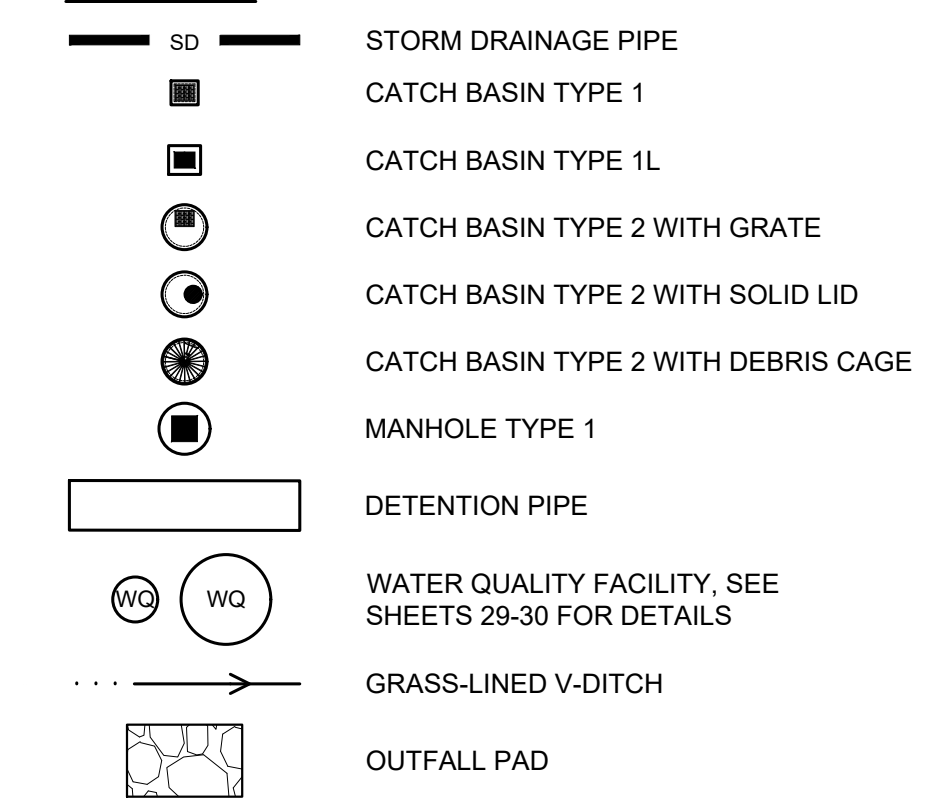
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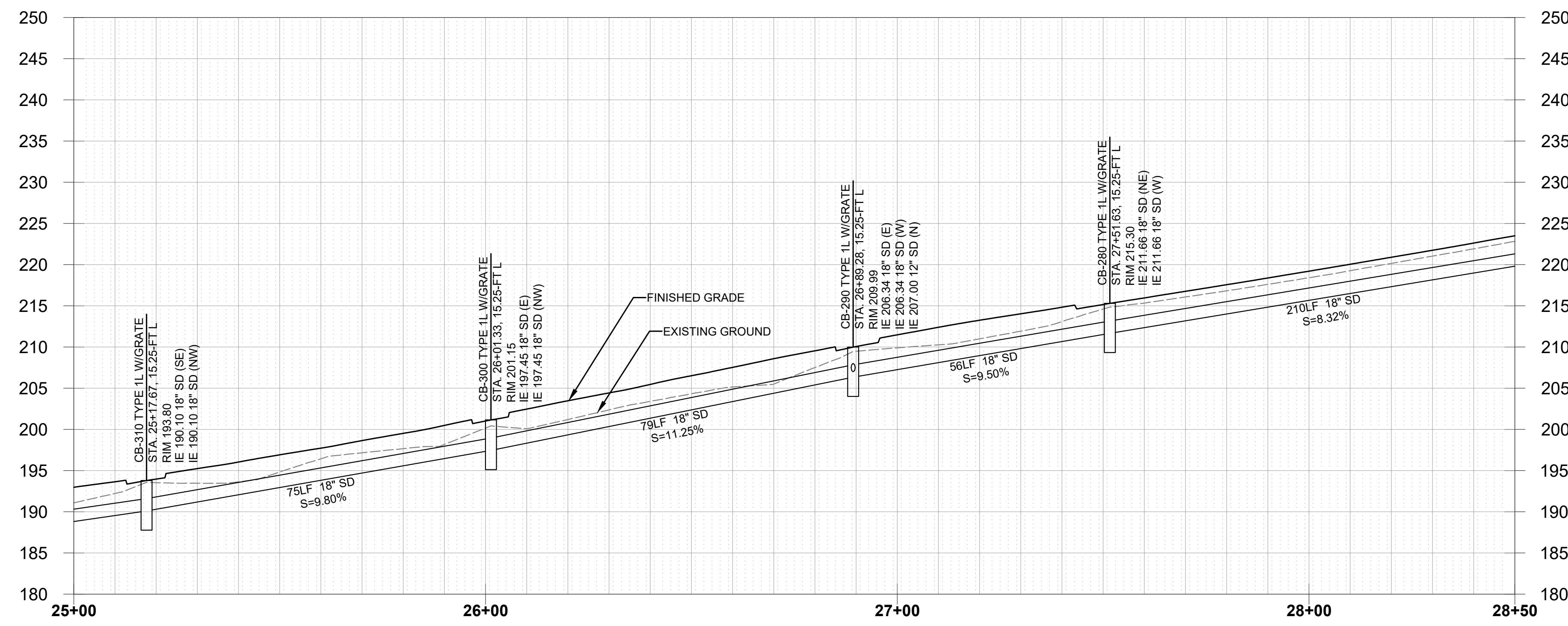
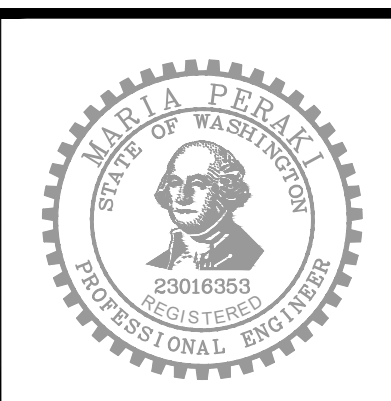
**LEGEND**



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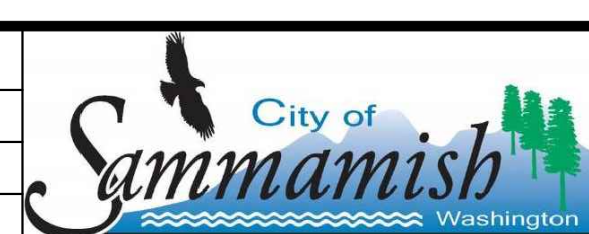
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 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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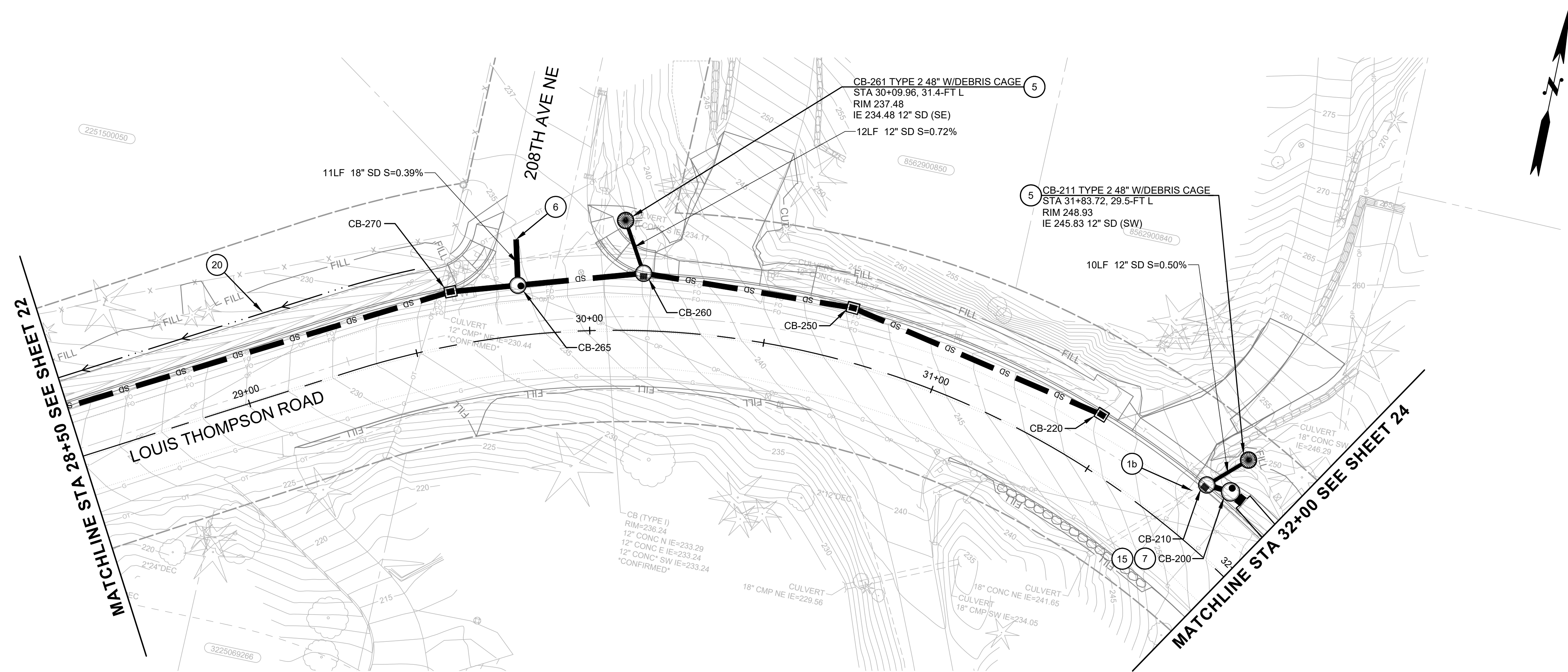


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: 1"=10'	DR05	SHEET 22 of 101

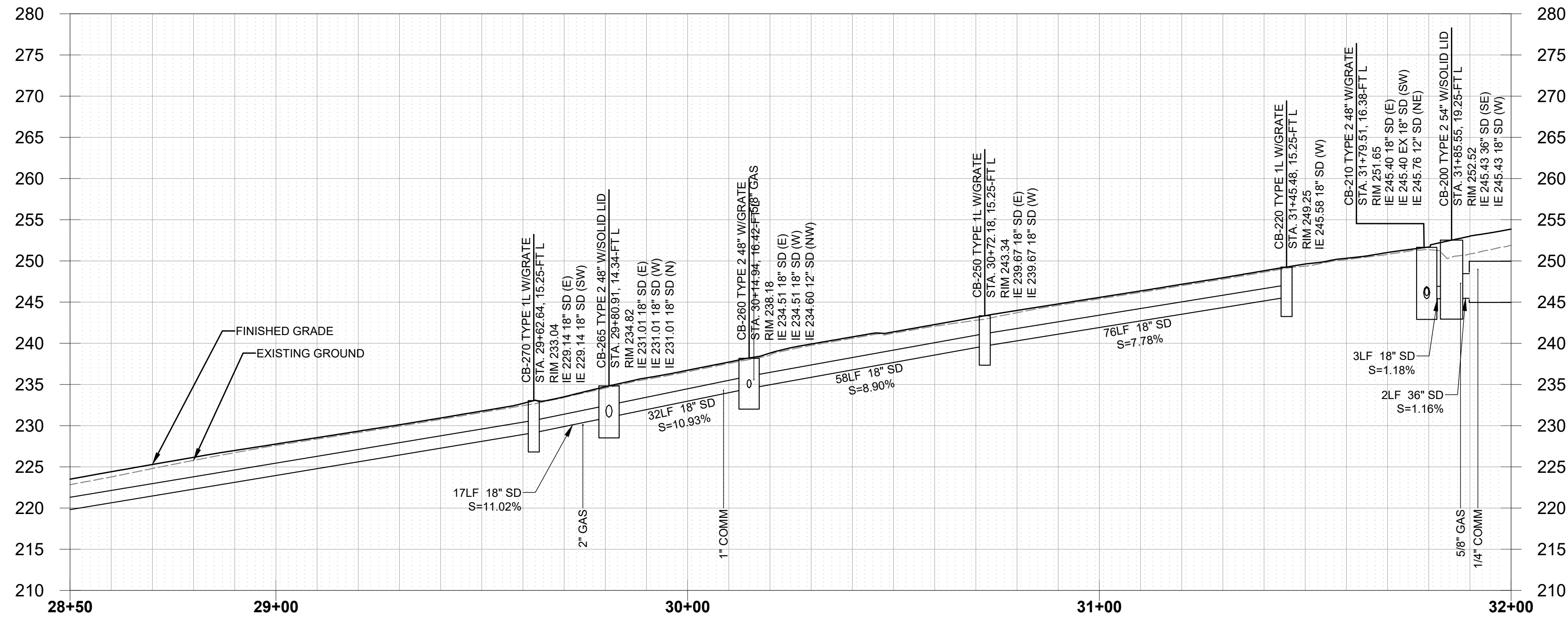
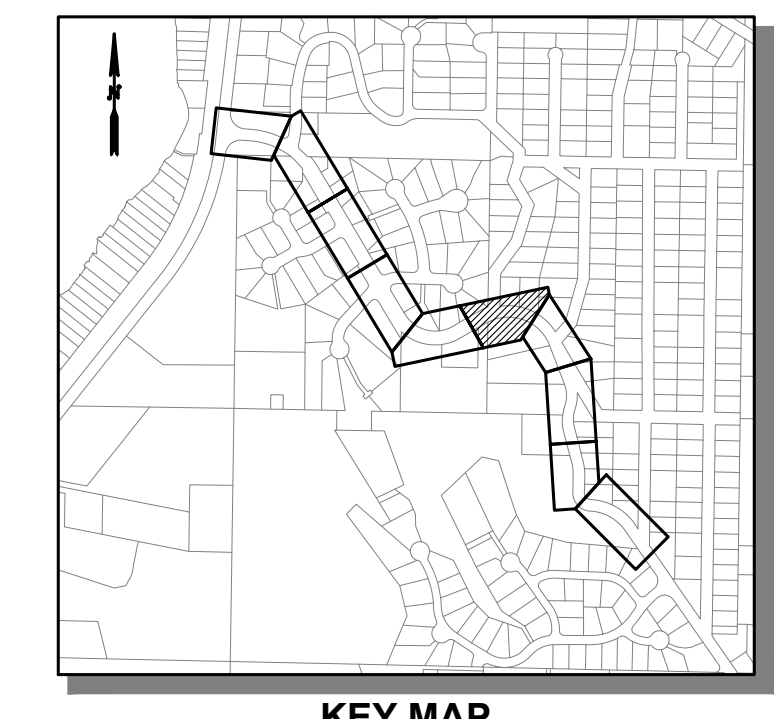
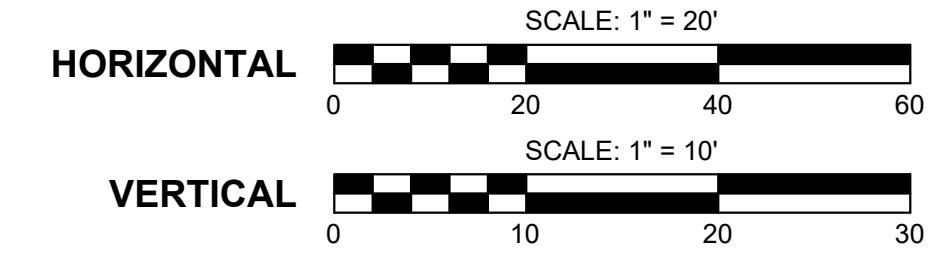
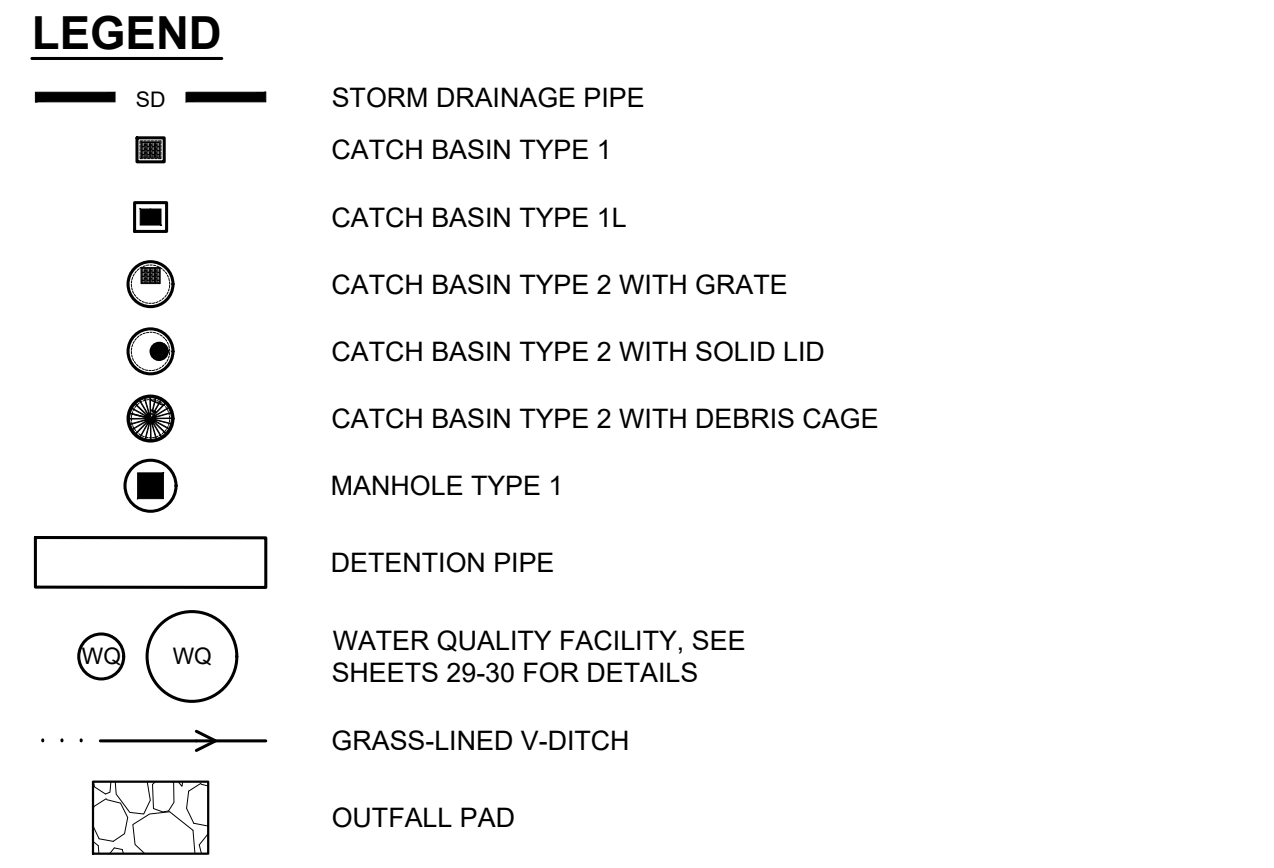
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 PLOT TIME: 8/23/2023 2:37 PM  
 USER NAME: LAURA TURNIDGE





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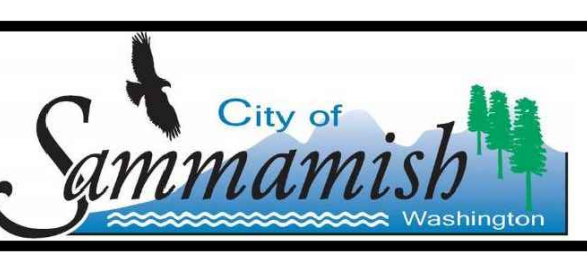


FILE NAME: C:\PW\OCL\WORKINGDIROBORCONSULTING-PW.BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P\_10-210058\_STRM.DWG  
 PLOT TIME: 8/23/2023 2:38 PM  
 USER NAME: LAURA TURNDIDGE

DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH

STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058  
 DATE: 08/25/2023

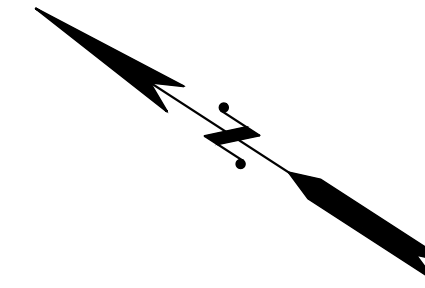
SCALE: H: 1"=20' V: 1"=10'  
**DR06**  
 SHEET 23 of 101

**811**

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MARIA PERAK  
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 23016393  
 REGISTERED  
 PROFESSIONAL ENGINEER





**GENERAL NOTES:**

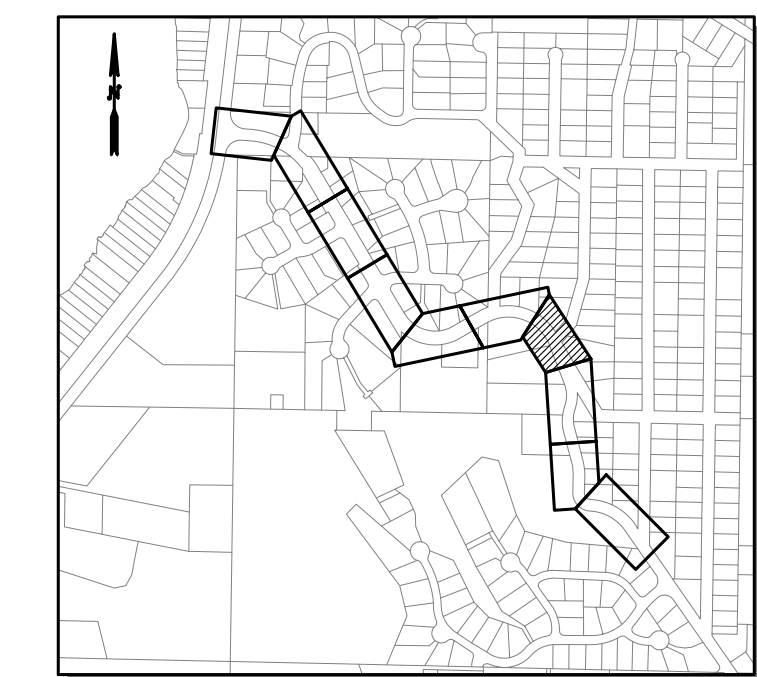
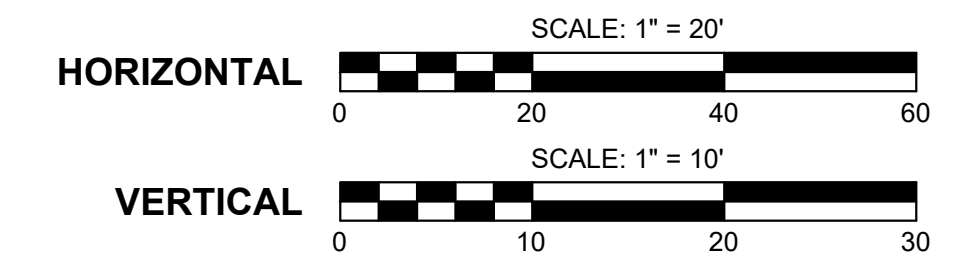
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**LEGEND**

- SD STORM DRAINAGE PIPE
- CATCH BASIN TYPE 1
- CATCH BASIN TYPE 1L
- CATCH BASIN TYPE 2 WITH GRATE
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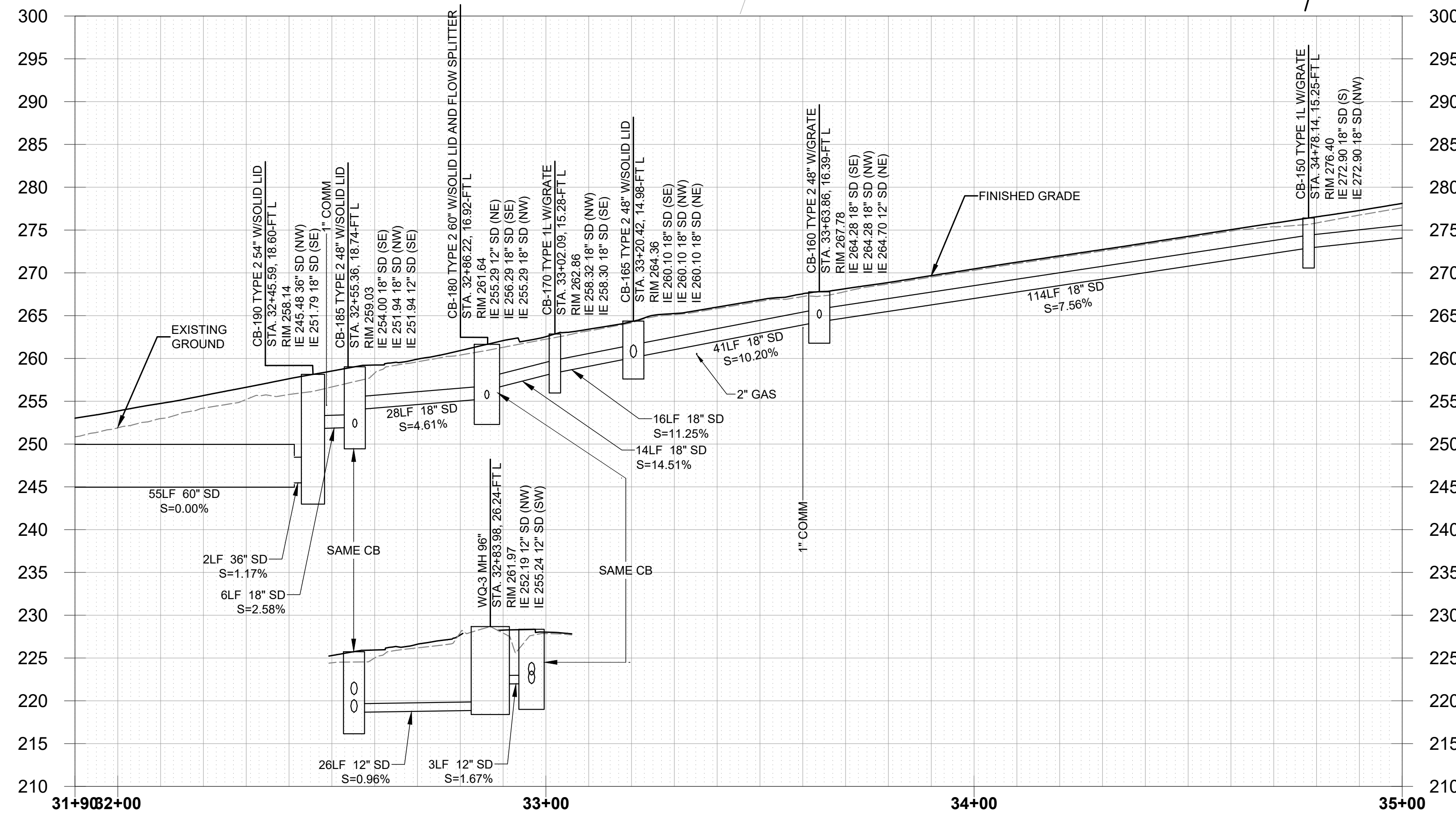
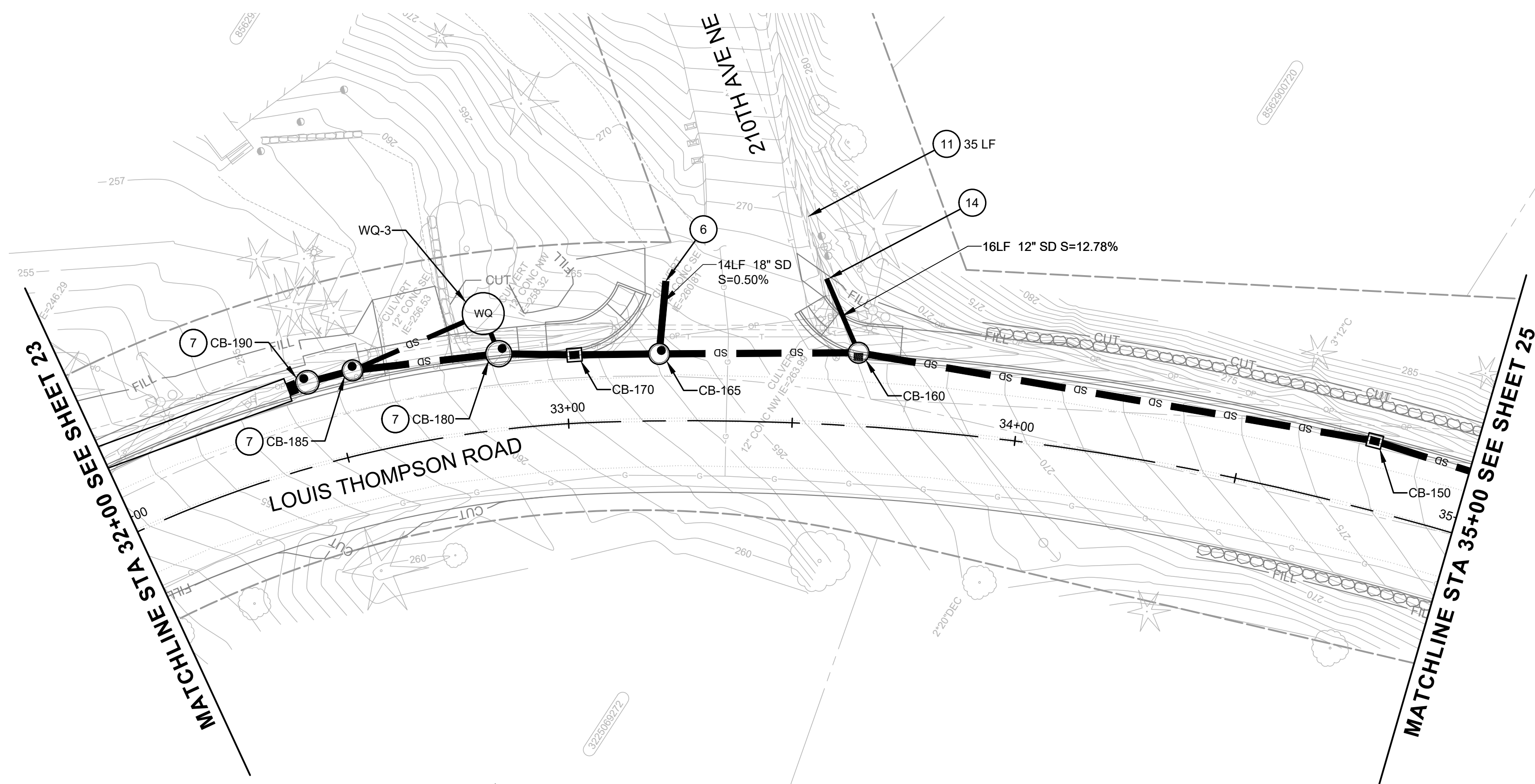
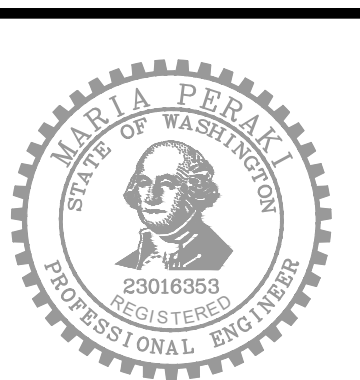


KEY MAP

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 PLOT TIME: 8/23/2023 2:38 PM  
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DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
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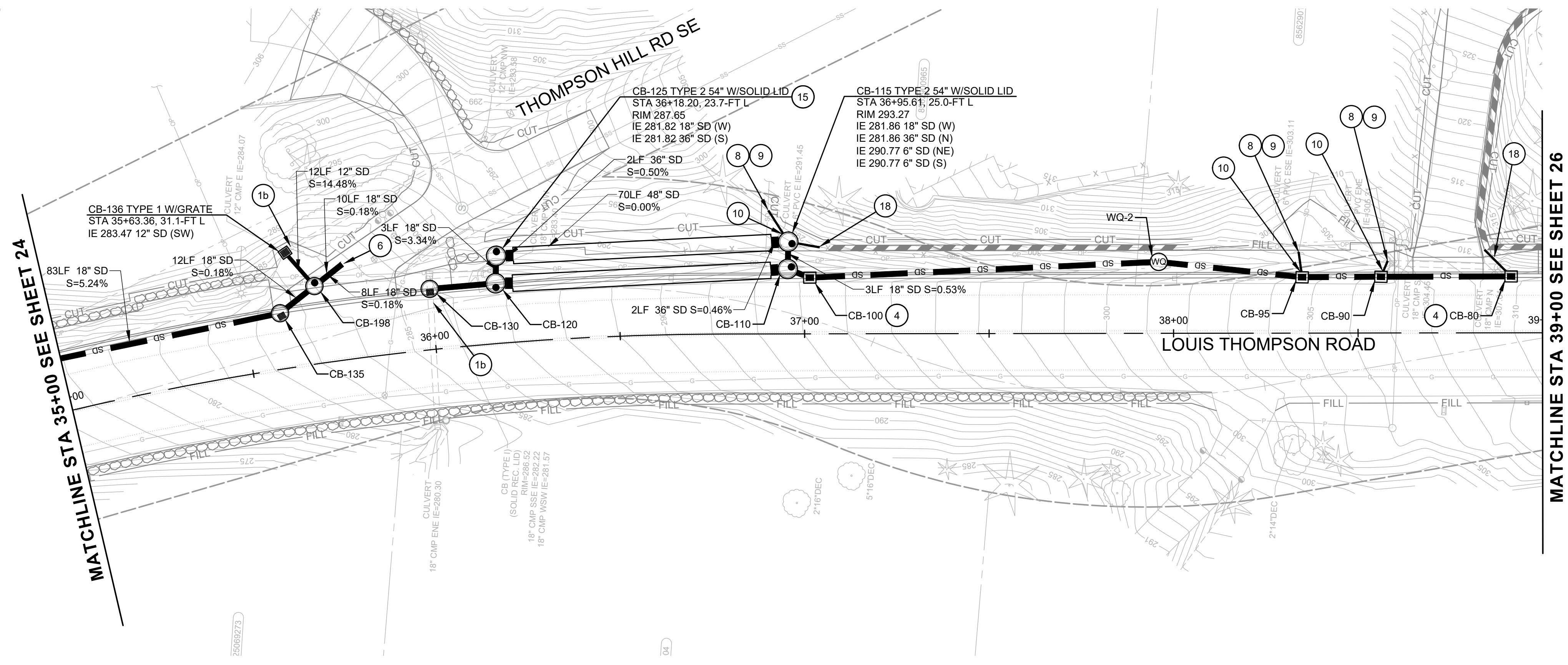
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH

STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058  
 DATE: 08/25/2023

SCALE: H: 1"=20' V: 1"=10'  
**DR07**  
 SHEET 24 of 101





**GENERAL NOTES:**

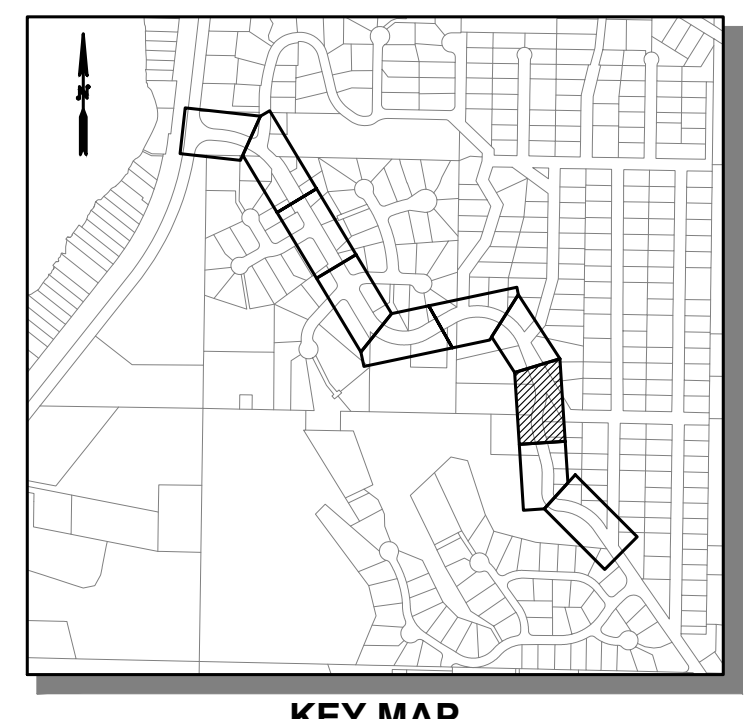
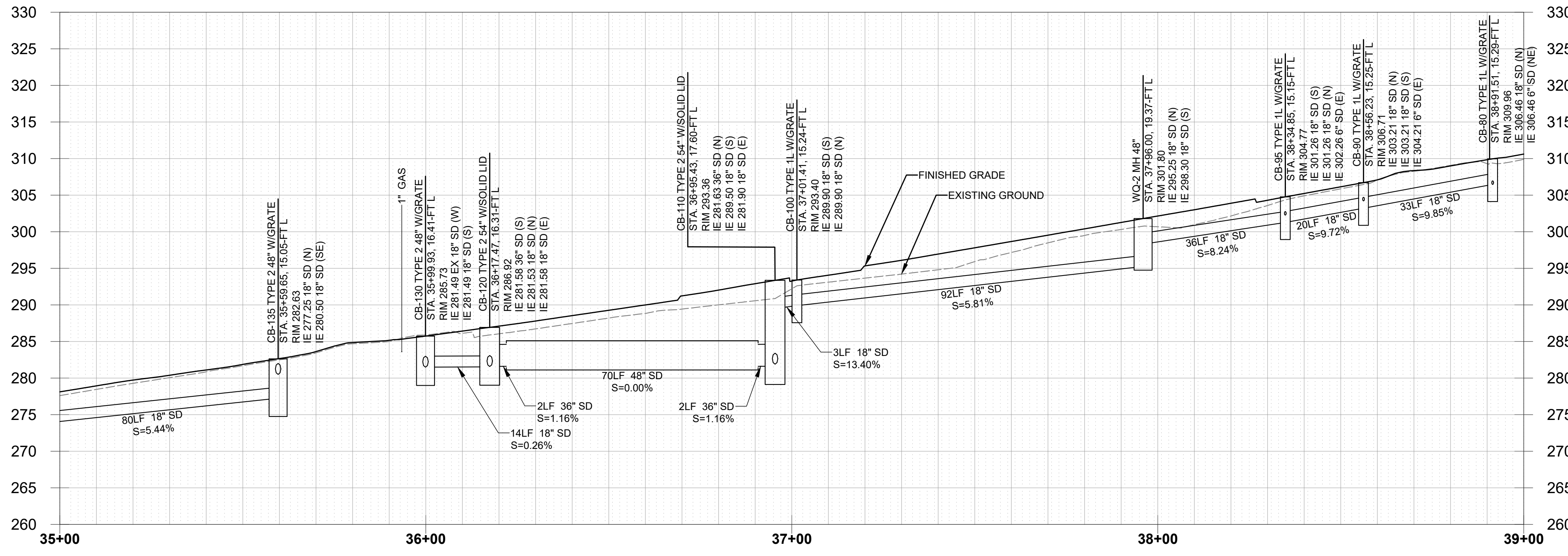
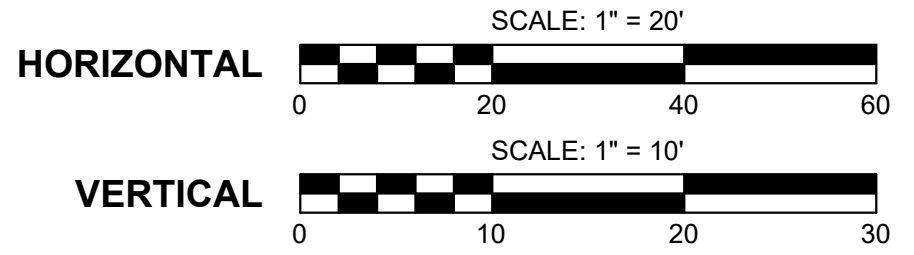
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2. ALL DRAINAGE STRUCTURES ARE LOCATED BY STATION AND OFFSET TO THE CENTER OF THE STRUCTURE.
3. THE ROADWAY CENTERLINE STATIONING IS USED FOR THE PROFILES. EXISTING AND PROPOSED SURFACES ARE SHOWN ON TOP OF THE STORM PIPE NETWORK.
4. FOR SITE PREPARATION SEE SHEETS 7-16.
5. FOR RETAINING WALLS, SIDEWALKS, DRIVEWAYS AND OTHER NON-MOTORIZED IMPROVEMENTS, SEE SHEETS 45-54.
6. LOCATION OF UTILITY CROSSINGS SHOWN ON PROFILES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL UTILITY CROSSING LOCATIONS AND DEPTHS PRIOR TO EXCAVATION ACTIVITIES.

**CONSTRUCTION NOTES:**

1. CONNECTION TO DRAINAGE STRUCTURE
  - a. CONNECTION TO EXISTING STRUCTURE
  - b. CONNECT EXISTING PIPE TO PROPOSED STRUCTURE
2. CONSTRUCT OUTFALL PAD PER DETAIL 1 ON SHEET 32.
3. ADJUST EXISTING DRAINAGE STRUCTURE RIM TO GRADE.
4. INSTALL COMBINATION INLET PER WSDOT STANDARD PLAN B-25.20.
5. INSTALL DEBRIS CAGE ON CATCH BASIN TYPE 2 PER DETAIL 2 ON SHEET 31.
6. INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
7. INSTALL SOLID LID WITH SLIP RESISTANT FINISH.
8. CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. INSTALL PIPE REDUCER AND COUPLER TO MATCH EXISTING PIPE. FIELD VERIFY LOCATION.
9. INSTALL CLEANOUT AT NEW PIPE CONNECTION TO OFFSITE LATERAL PER WSDOT STANDARD PLAN B-85.40.
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15. INSTALL DETENTION PIPE FLOW RESTRICTOR PER DETAIL 2 SHEET 28.
16. INSTALL FLOW SPLITTER WITH RISER SYSTEM PER DETAIL 1 SHEET 31.
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18. CONNECT WALL UNDERDRAIN TO PROPOSED STRUCTURE.
19. CONNECT PIPE TO EXISTING PIPE WITH TRANSITION COUPLING.
20. CONSTRUCT GRASS-LINED V-DITCH PER DETAIL 2 SHEET 32.
21. CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 32.

**LEGEND**

- SD STORM DRAINAGE PIPE
- CATCH BASIN TYPE 1
- CATCH BASIN TYPE 1L
- CATCH BASIN TYPE 2 WITH GRATE
- CATCH BASIN TYPE 2 WITH SOLID LID
- CATCH BASIN TYPE 2 WITH DEBRIS CAGE
- MANHOLE TYPE 1
- DETENTION PIPE
- WATER QUALITY FACILITY, SEE SHEETS 29-30 FOR DETAILS
- GRASS-LINED V-DITCH
- OUTFALL PAD



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PLOT TIME: 8/23/2023 2:38 PM  
USER NAME: LAURA TURNDIDGE

DESIGNED BY: MP  
DRAWN BY: LT/LO/FJ  
CHECKED BY: LR

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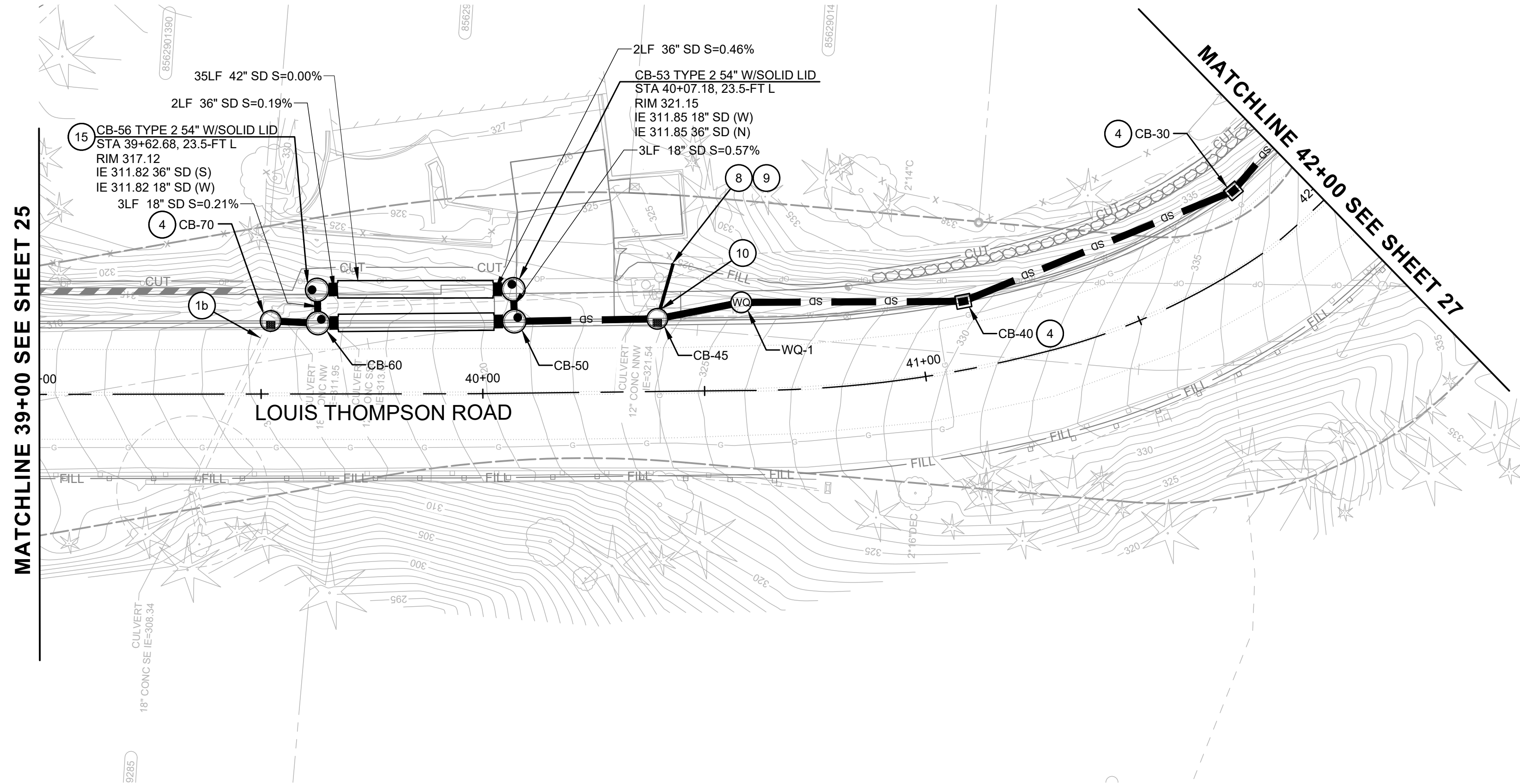
NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: 1"=10'	DR08	SHEET 25 of 101





**GENERAL NOTES:**

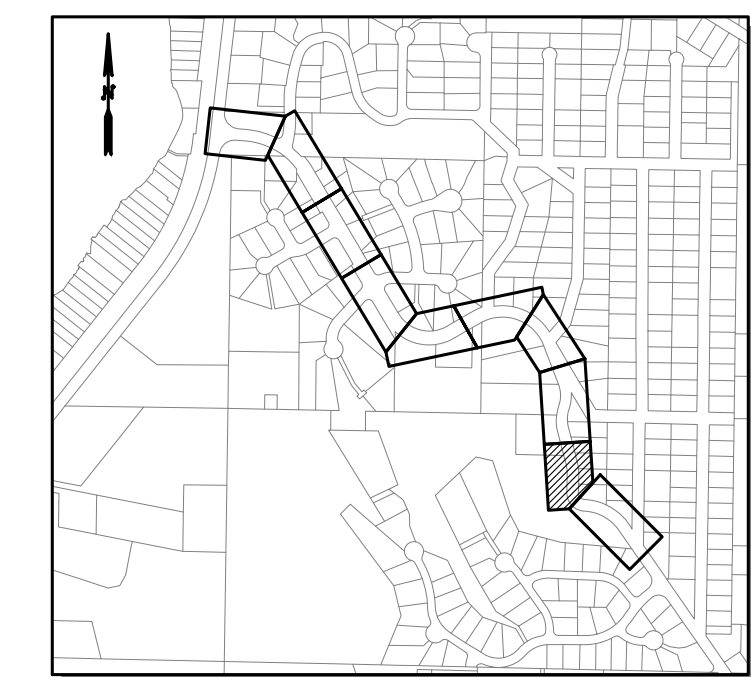
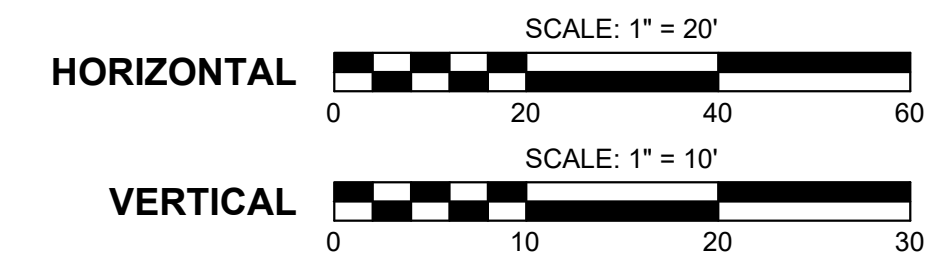
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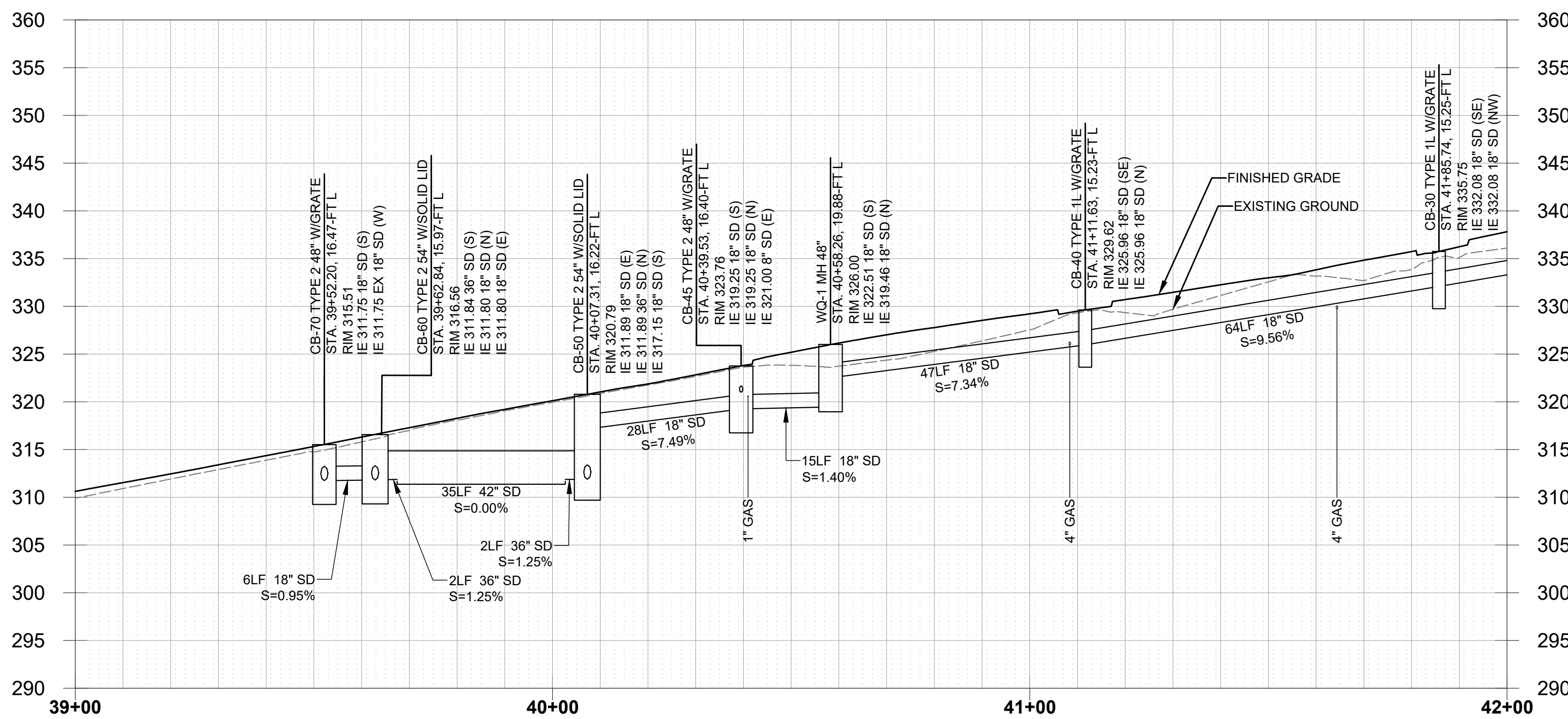
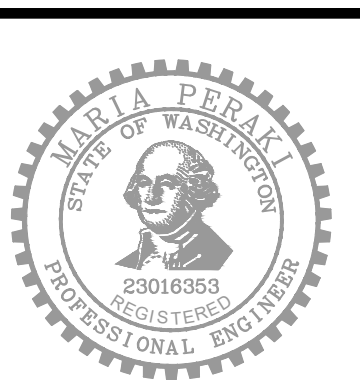


KEY MAP

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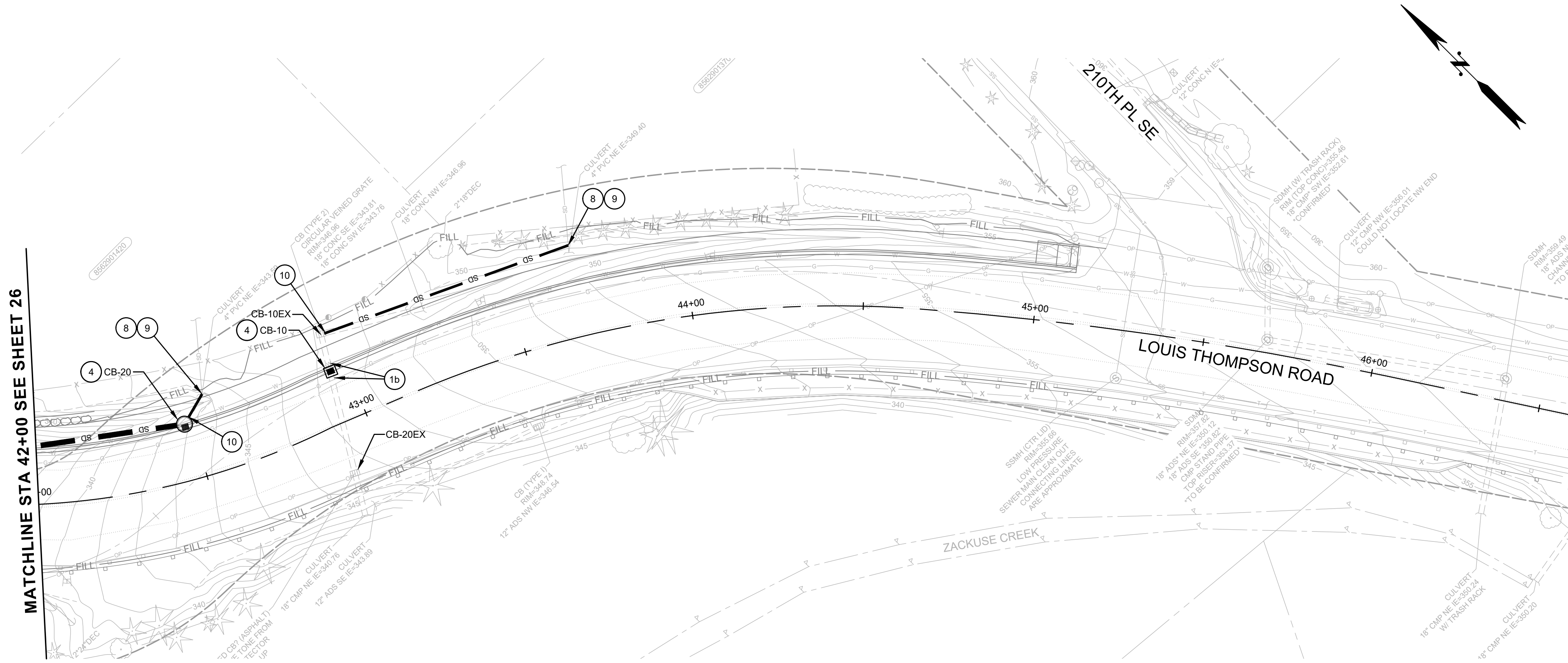
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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: 1"=10'	DR09	SHEET 26 of 101





**GENERAL NOTES:**

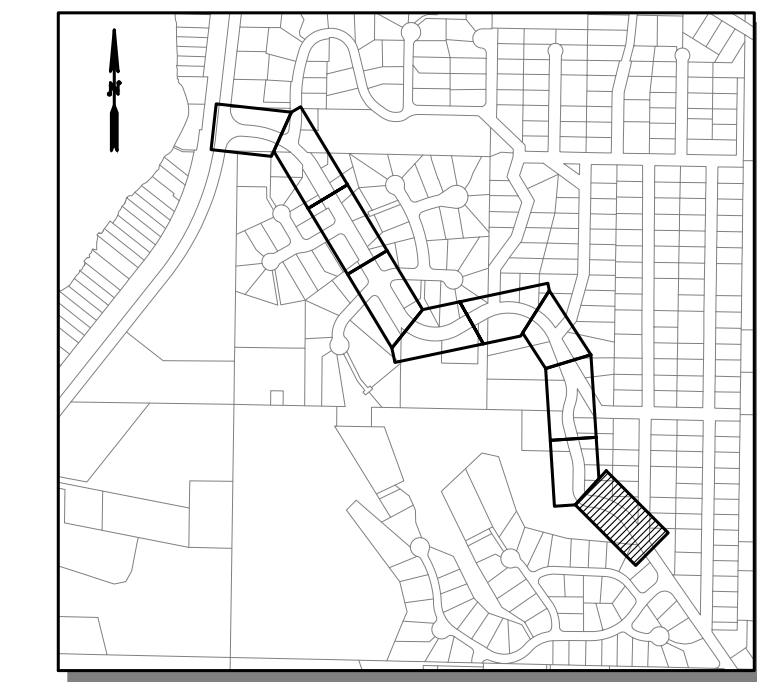
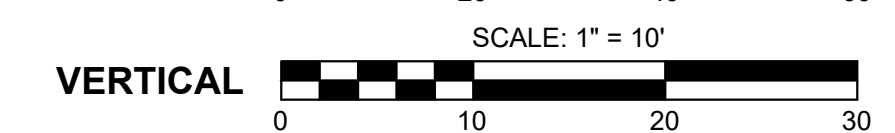
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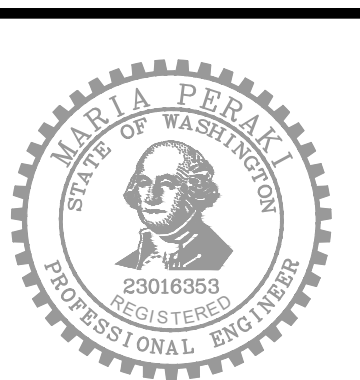
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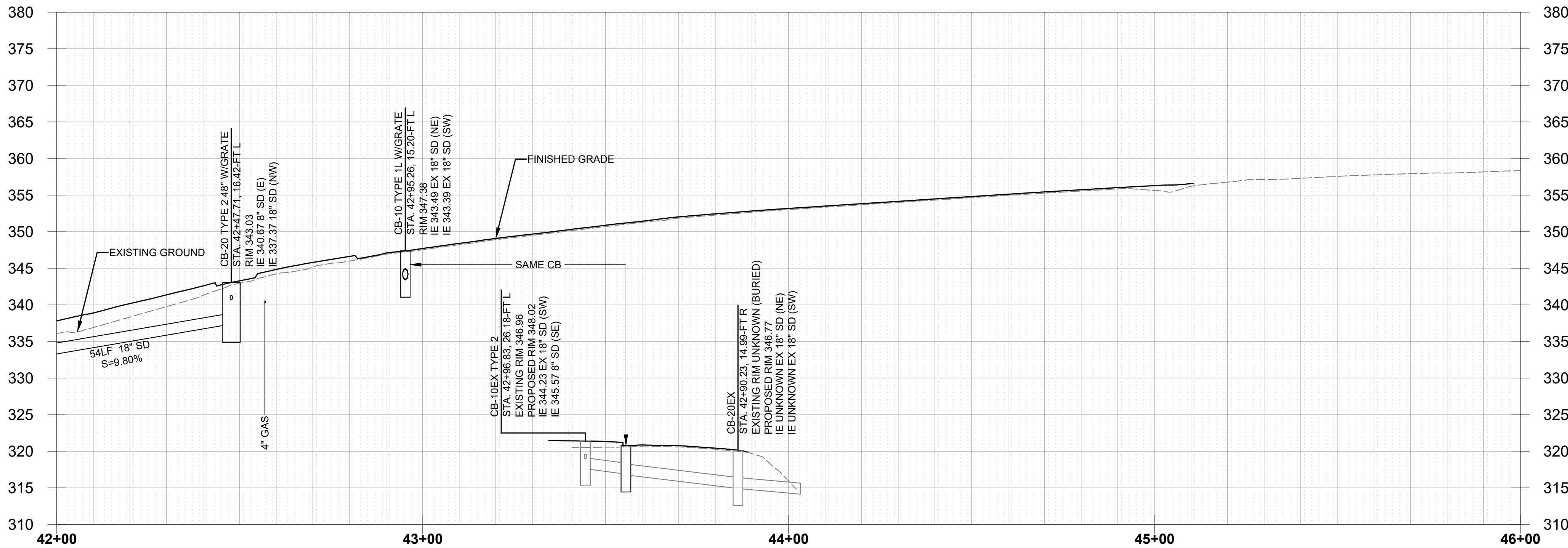
KEY MAP



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 PLOT TIME: 8/23/2023 2:38 PM  
 USER NAME: LAURA TURNIDGE

DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH

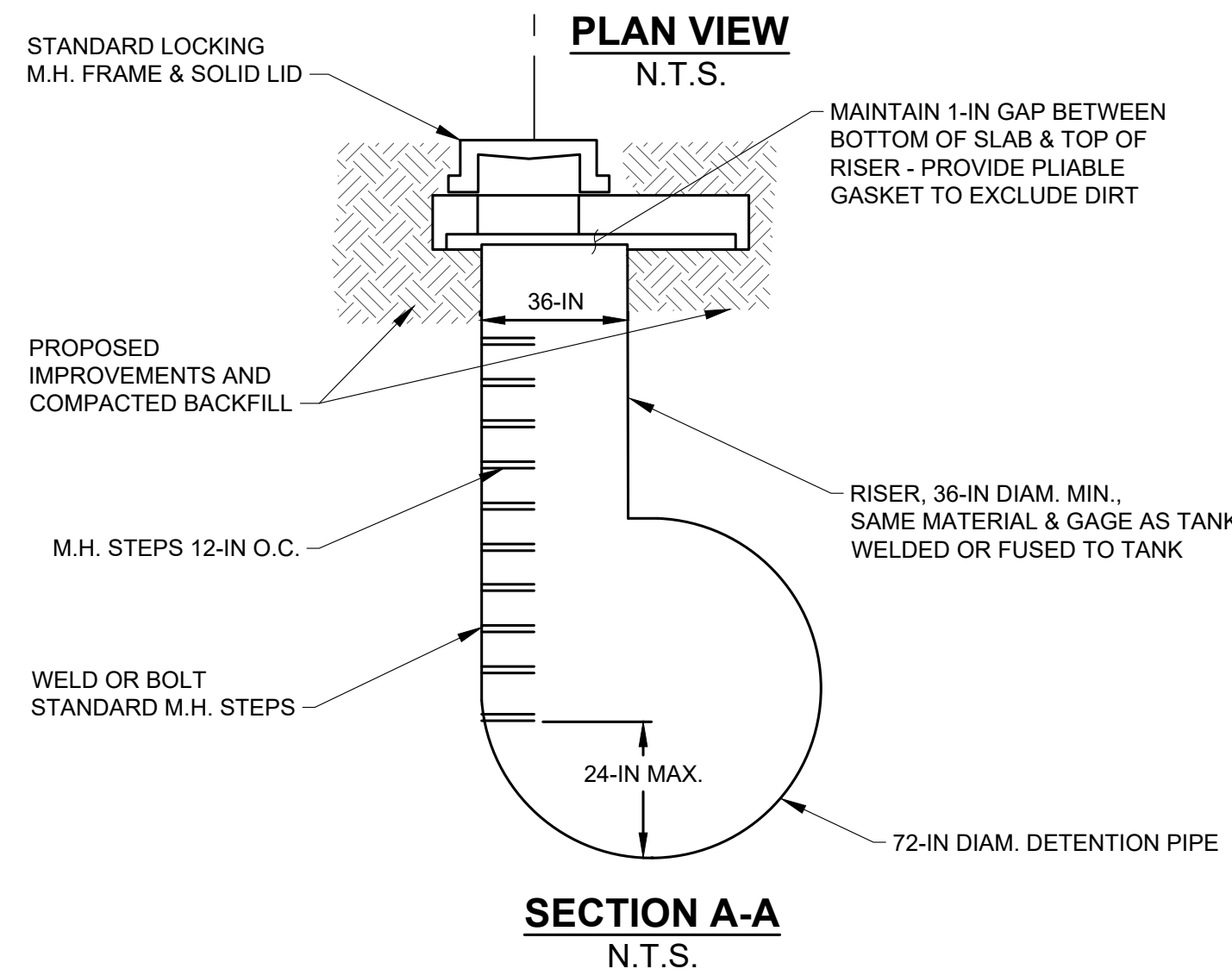
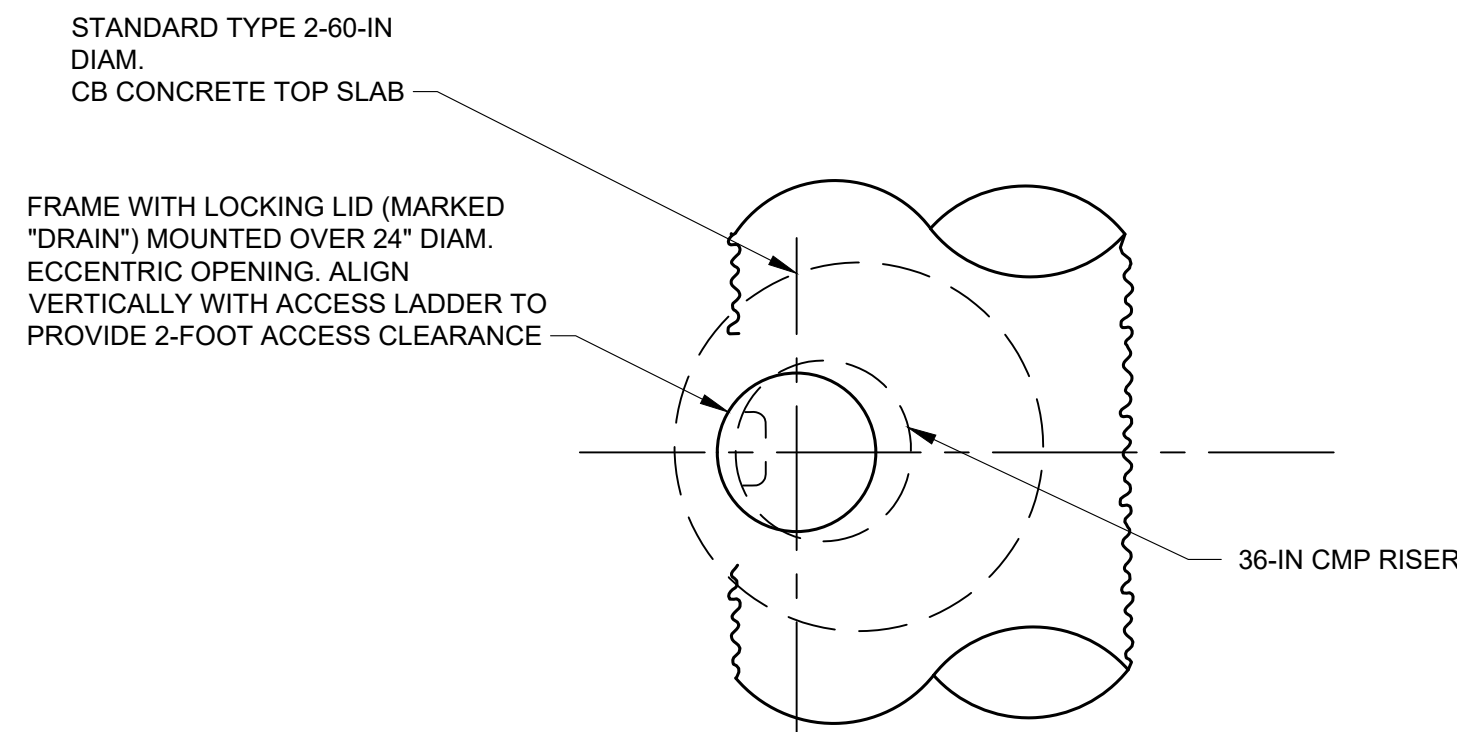
STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058  
 DATE: 08/25/2023

SCALE: H: 1"=20' V: 1"=10'  
**DR10**  
 SHEET 27 of 101

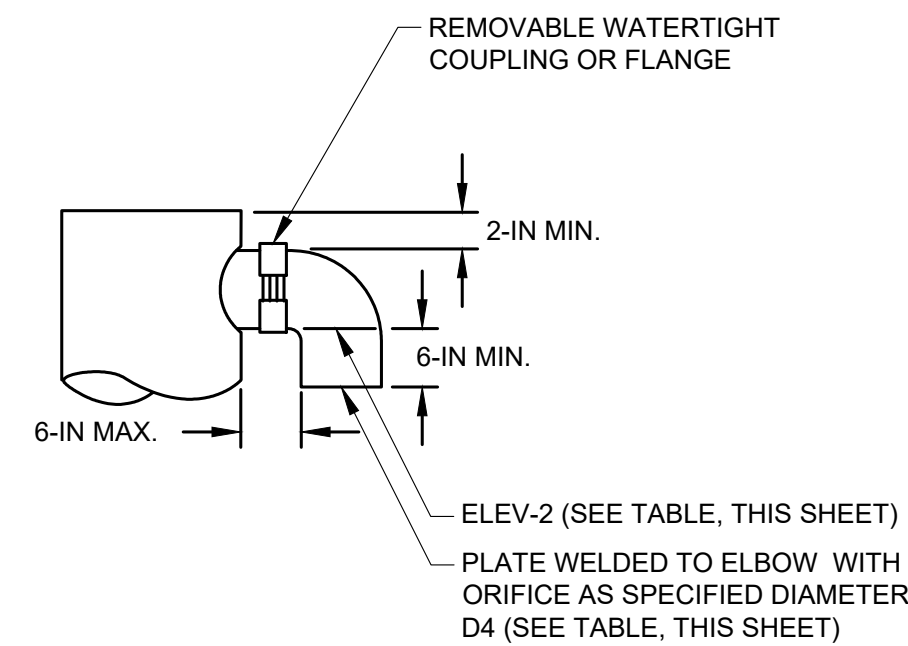


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 PLOT TIME: 8/23/2023 2:38 PM  
 USER NAME: LAURA TURNIDGE

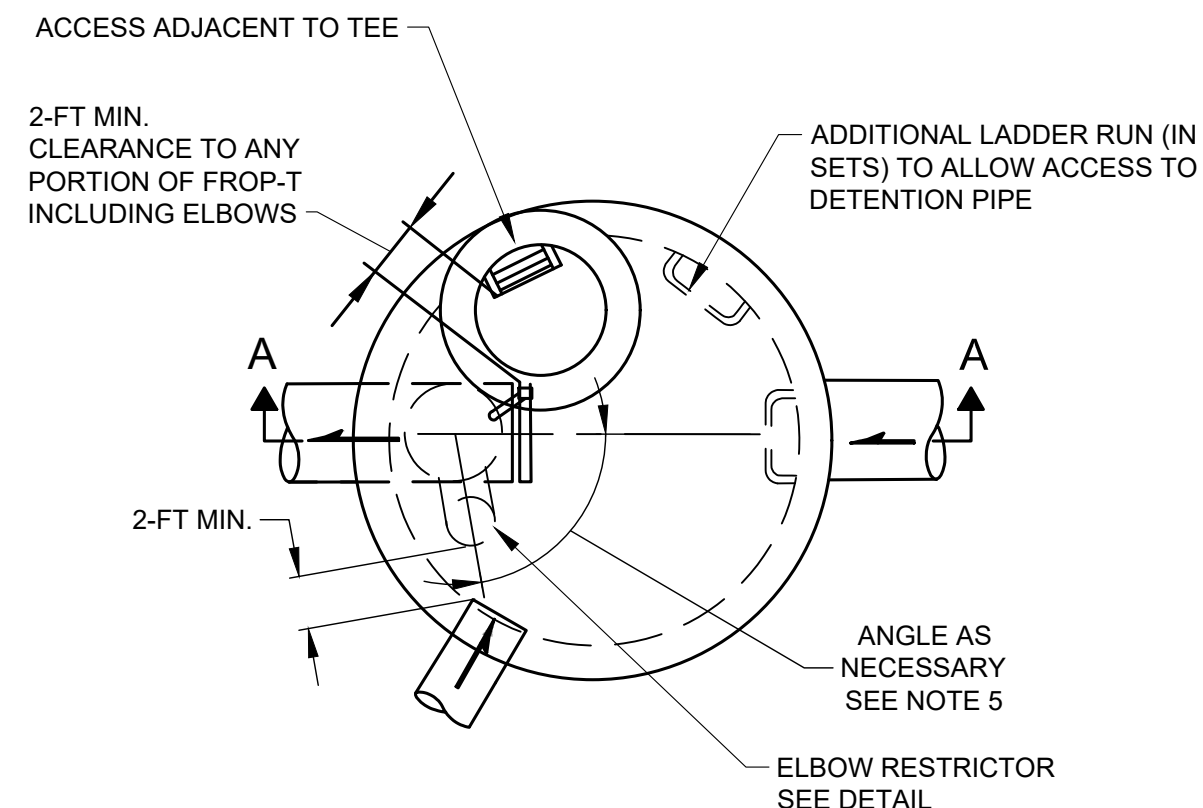


- NOTES:**
- USE ADJUSTING BLOCKS AS REQUIRED TO BRING FRAME TO GUIDE.
  - ALL MATERIALS TO BE ALUMINUM OR GALVANIZED AND ASPHALT COATED (TREATMENT 1 OR BETTER), OR STAINLESS STEEL OR ALUMINIZED STEEL.
  - MUST BE LOCATED FOR ACCESS BY MAINTENANCE VEHICLES.
  - MAY SUBSTITUTE WSDOT SPECIAL TYPE IV MANHOLE (RCP ONLY).

**1** DETENTION PIPE ACCESS  
 20 N.T.S.



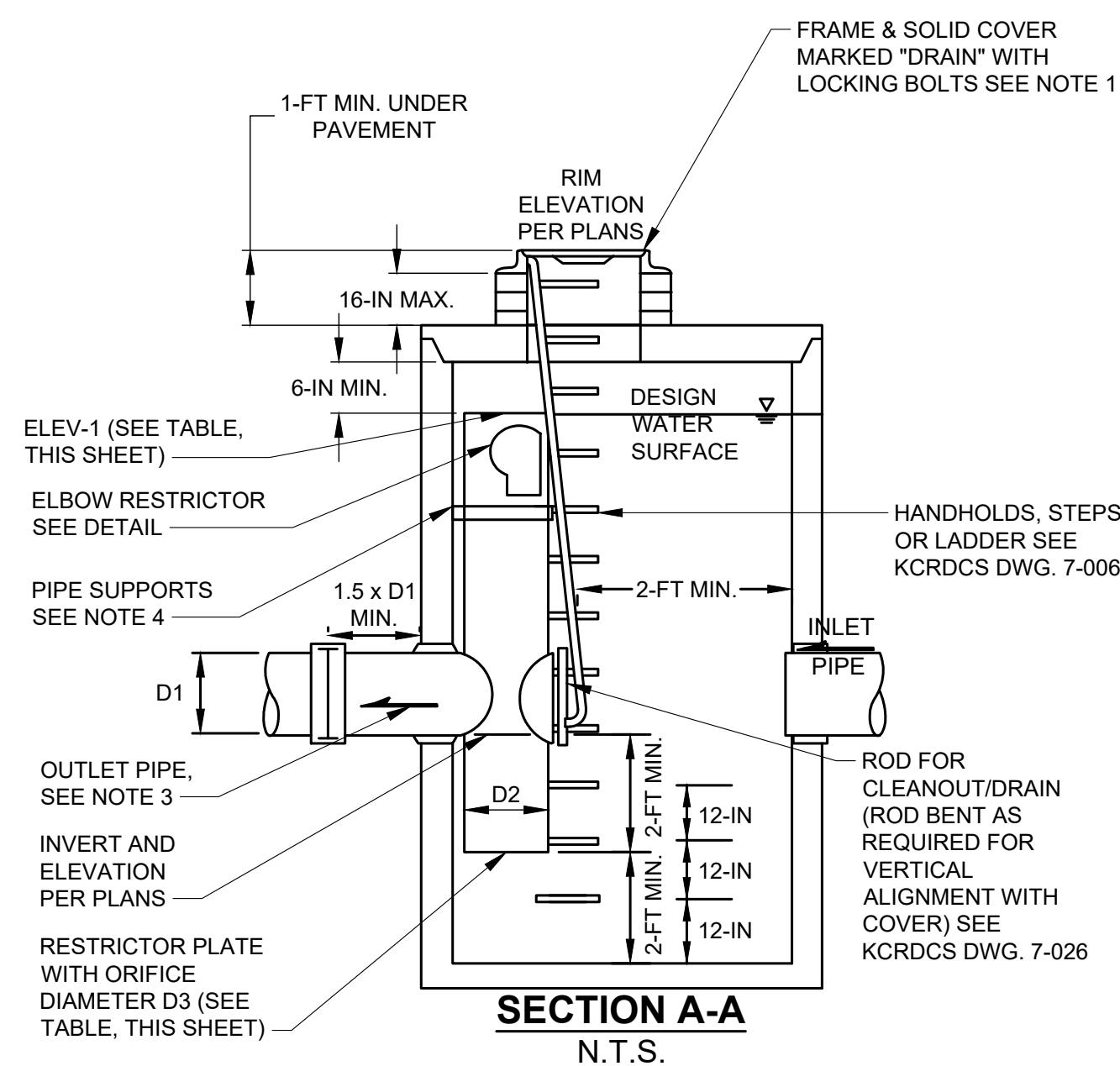
**ELBOW RESTRICTOR DETAIL**  
 N.T.S.



**PLAN VIEW**  
 N.T.S.

**NOTES:**

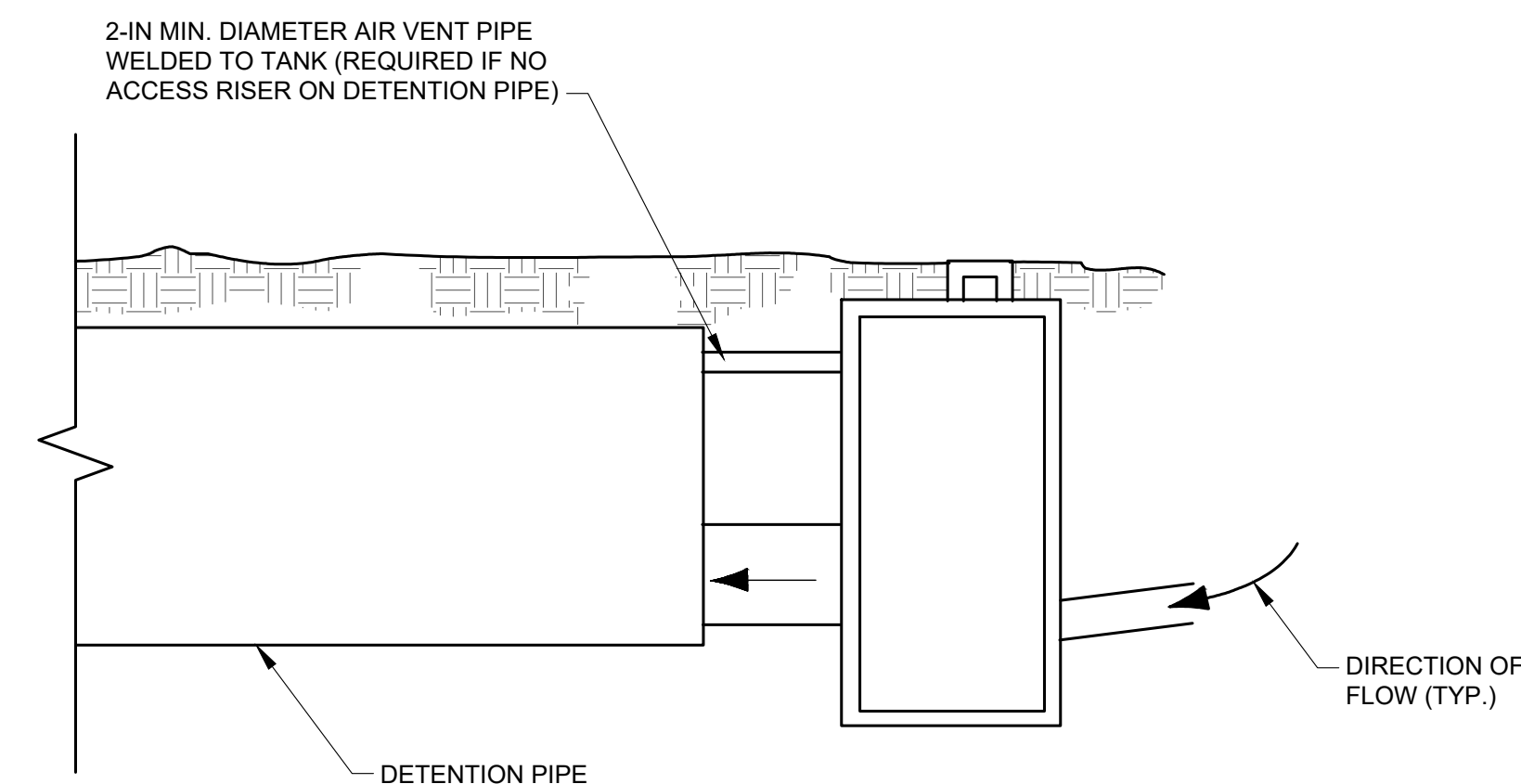
- METAL PARTS: CORROSION RESISTANT. STAINLESS STEEL OR ALUMINIZED STEEL.
- FRAME AND LADDER OR STEPS OFFSET SO:
  - CLEANOUT GATE IS VISIBLE FROM TOP.
  - CLIMB-DOWN SPACE IS CLEAR OF RISER AND CLEANOUT GATE.
  - FRAME IS CLEAR OF CURB.
- IF METAL OUTLET PIPE CONNECTS TO CEMENT CONCRETE PIPE: OUTLET PIPE TO HAVE SMOOTH O.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/4-IN.
- PROVIDE AT LEAST ONE 3-IN X .090 GAGE SUPPORT BRACKET ANCHORED TO CONCRETE WALL. (MAXIMUM 3-FT-0-IN VERTICAL SPACING)
- LOCATE ELBOW RESTRICTOR(S) AS NECESSARY TO PROVIDE MINIMUM CLEARANCE AS SHOWN.
- LOCATE ADDITIONAL LADDER RUNS IN STRUCTURES USED AS ACCESS TO TANKS AND VAULT TO ALLOW ACCESS WHEN CATCH BASIN IS FILLED WITH WATER.
- TEE SHALL BE CONSTRUCTED OF ALUMINUM CMP OR ALUMINIZED STEEL CMP MEETING WSDOT/APWA STANDARDS.



**SECTION A-A**  
 N.T.S.

FLOW RESTRICTOR STRUCTURE	RISER DIAMETER (IN.) [D2]	RISER CREST ELEVATION (FT) [ELEV-1]	RESTRICTOR PLATE ORIFICE DIAMETER (IN.) [D3]	ELBOW RESTRICTOR ORIFICE DIAMETER (IN.) [D4]	ELBOW RESTRICTOR PIPE DIAMETER (IN.)	ELBOW RESTRICTOR INVERT ELEVATION (FT) [ELEV-2]
CB-60	18	314.30	0.50	0.50	6	313.30
CB-120	18	284.76	0.62	1.37	2	284.40
CB-200	18	249.73	0.75	3.50	4	249.18
CB-405	24	127.37	1.63	4.25	6	126.66

**2** DETENTION PIPE FLOW RESTRICTOR  
 20,23 N.T.S.  
 25,26



**3** DETENTION PIPE AIR VENT  
 25,26 N.T.S.  
 27

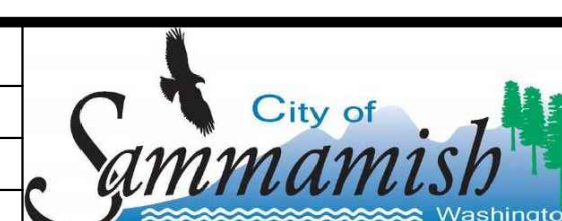
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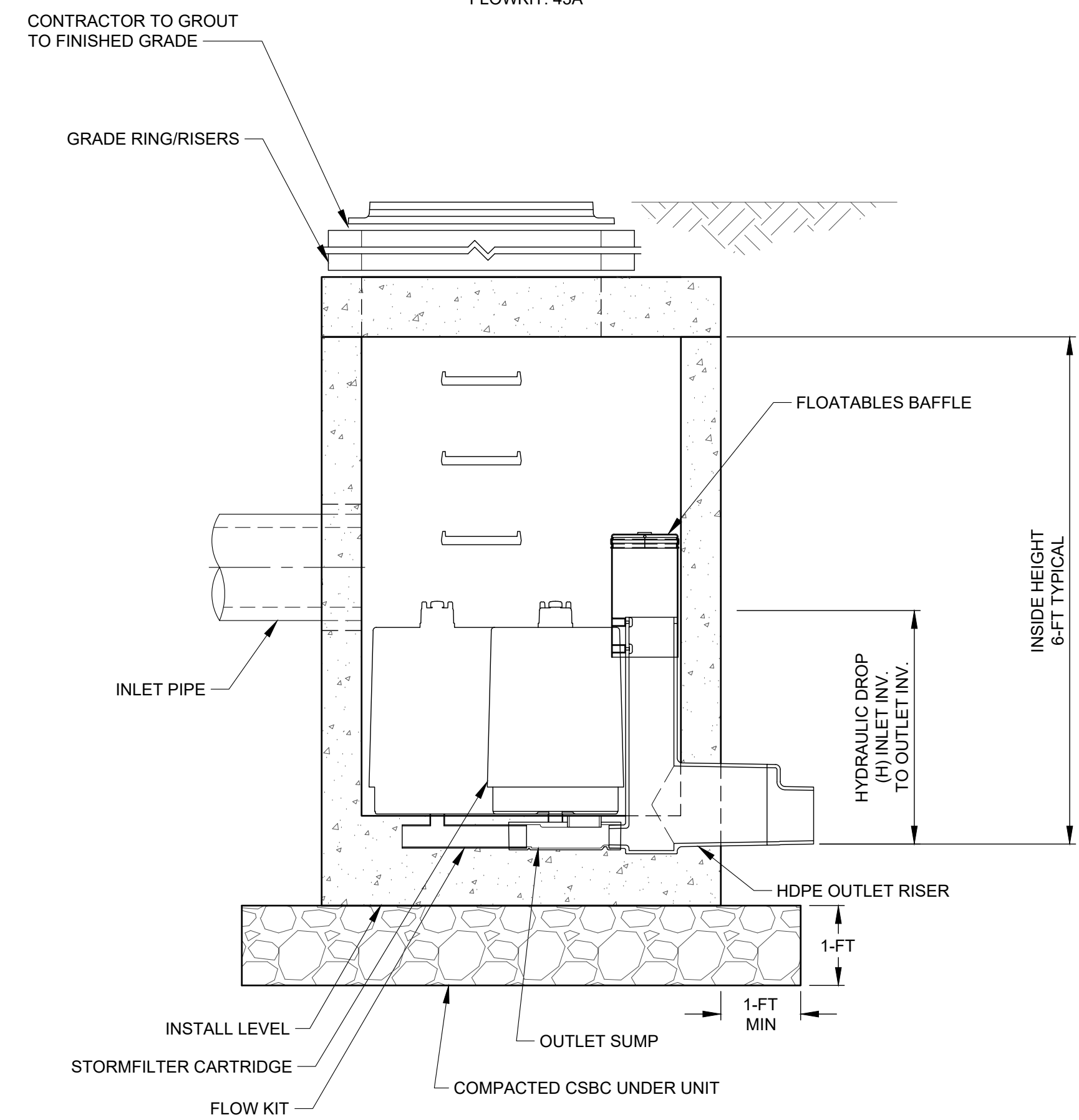
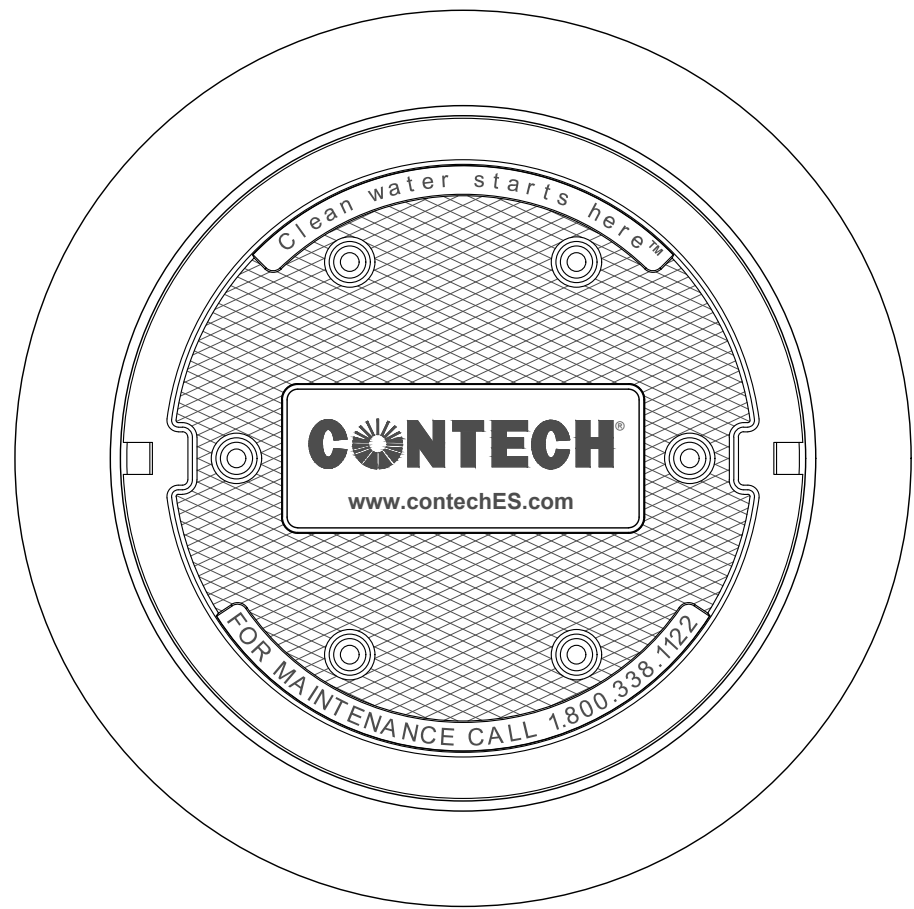
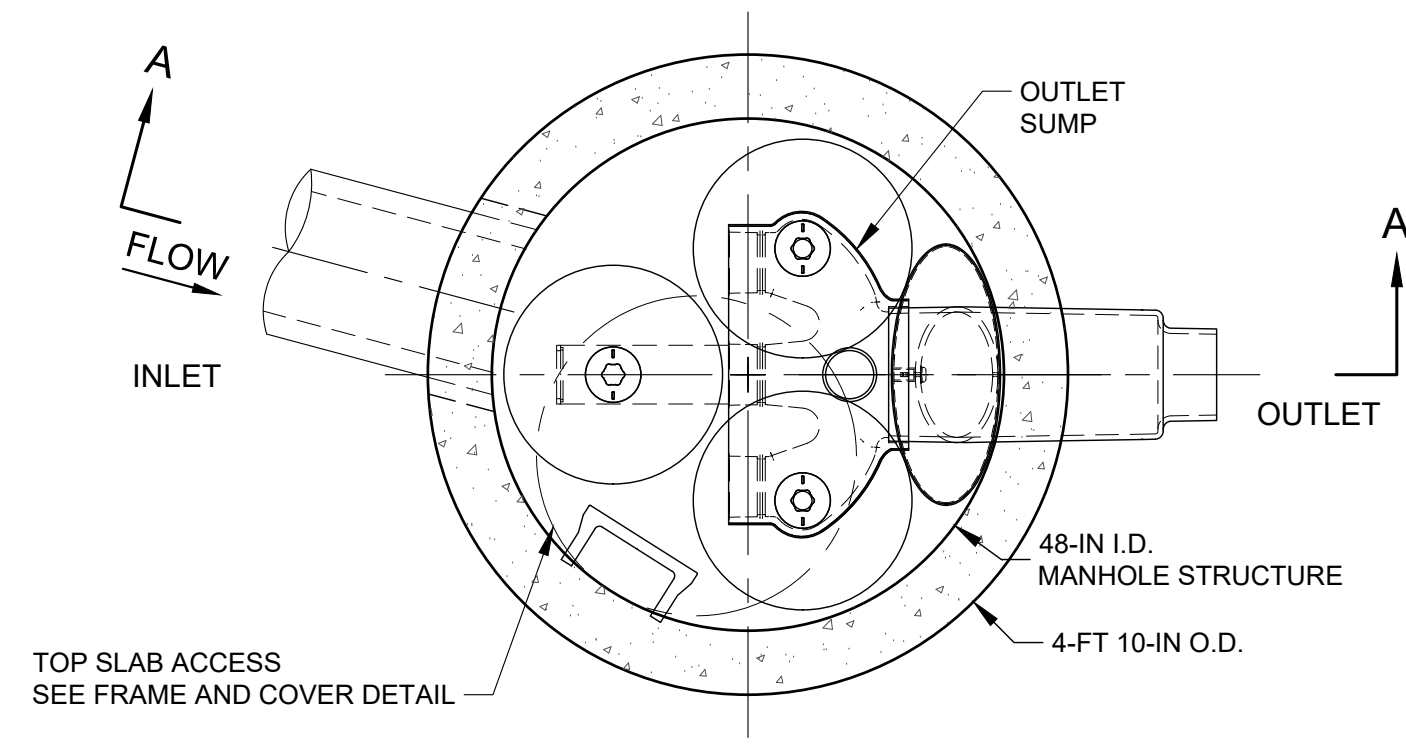
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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 STORM DRAINAGE DETAILS

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A	<b>DR11</b>	SHEET 28 of 101





SITE SPECIFIC DATA REQUIREMENTS	
STRUCTURE ID	WQ-1
WATER QUALITY FLOW RATE (cfs)	0.016
PEAK FLOW RATE (cfs)	0.44
RETURN PERIOD OF PEAK FLOW (yrs)	100
CARTRIDGE HEIGHT	27-IN
NUMBER OF CARTRIDGES REQUIRED	3
CARTRIDGE FLOW RATE (gpm)	11.25
MEDIA TYPE (PERLITE, ZPG, PSORB)	ZPG
PIPE DATA:	I.E. MATERIAL DIAMETER
INLET PIPE #1	322.51 TBD 18-IN
OUTLET PIPE	319.46 TBD 18-IN
RIM ELEVATION	326.00
ANTI-FLOTATION BALLAST	WIDTH HEIGHT
	TBD TBD
NOTES/SPECIAL REQUIREMENTS:	
* PER ENGINEER OF RECORD	

SITE SPECIFIC DATA REQUIREMENTS	
STRUCTURE ID	WQ-2
WATER QUALITY FLOW RATE (cfs)	0.040
PEAK FLOW RATE (cfs)	0.67
RETURN PERIOD OF PEAK FLOW (yrs)	100
CARTRIDGE HEIGHT	27-IN
NUMBER OF CARTRIDGES REQUIRED	3
CARTRIDGE FLOW RATE (gpm)	11.25
MEDIA TYPE (PERLITE, ZPG, PSORB)	ZPG
PIPE DATA:	I.E. MATERIAL DIAMETER
INLET PIPE #1	298.30 TBD 18-IN
OUTLET PIPE	295.25 TBD 18-IN
RIM ELEVATION	301.80
ANTI-FLOTATION BALLAST	WIDTH HEIGHT
	TBD TBD
NOTES/SPECIAL REQUIREMENTS:	
* PER ENGINEER OF RECORD	

**GENERAL NOTES:**

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED VAULT DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. WWW.CONTECHES.COM
- STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 5' [1524 MM] AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES [178 MM]. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (GPM) [L/S] DIVIDED BY THE FILTER CONTACT SURFACE AREA (SQ FT)[M<sup>2</sup>].
- STORMFILTER STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.
- FOR THE LOCATION OF INLET AND OUTLET PIPES, REFER TO SHEETS 18-27.

**INSTALLATION NOTES:**

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE(S).
- CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE OUTLET RISER STUB. STORMFILTER EQUIPPED WITH A DUAL DIAMETER HDPE OUTLET STUB AND SAND COLLAR. IF OUTLET PIPE IS LARGER THAN 8 INCHES [200 MM], CONTRACTOR TO REMOVE THE 8 INCH [200 MM] OUTLET STUB AT MOLDED-IN CUT LINE. COUPLING BY FERNCO OR EQUAL AND PROVIDED BY CONTRACTOR.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

1 WATER QUALITY FACILITY (WQ-1 AND WQ-2)  
25.26 N.T.S.

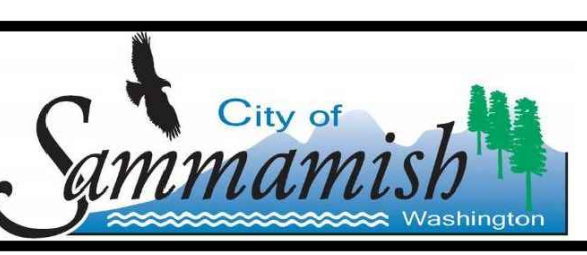
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DESIGNED BY: MP  
DRAWN BY: LT/LO/FJ  
CHECKED BY: LR

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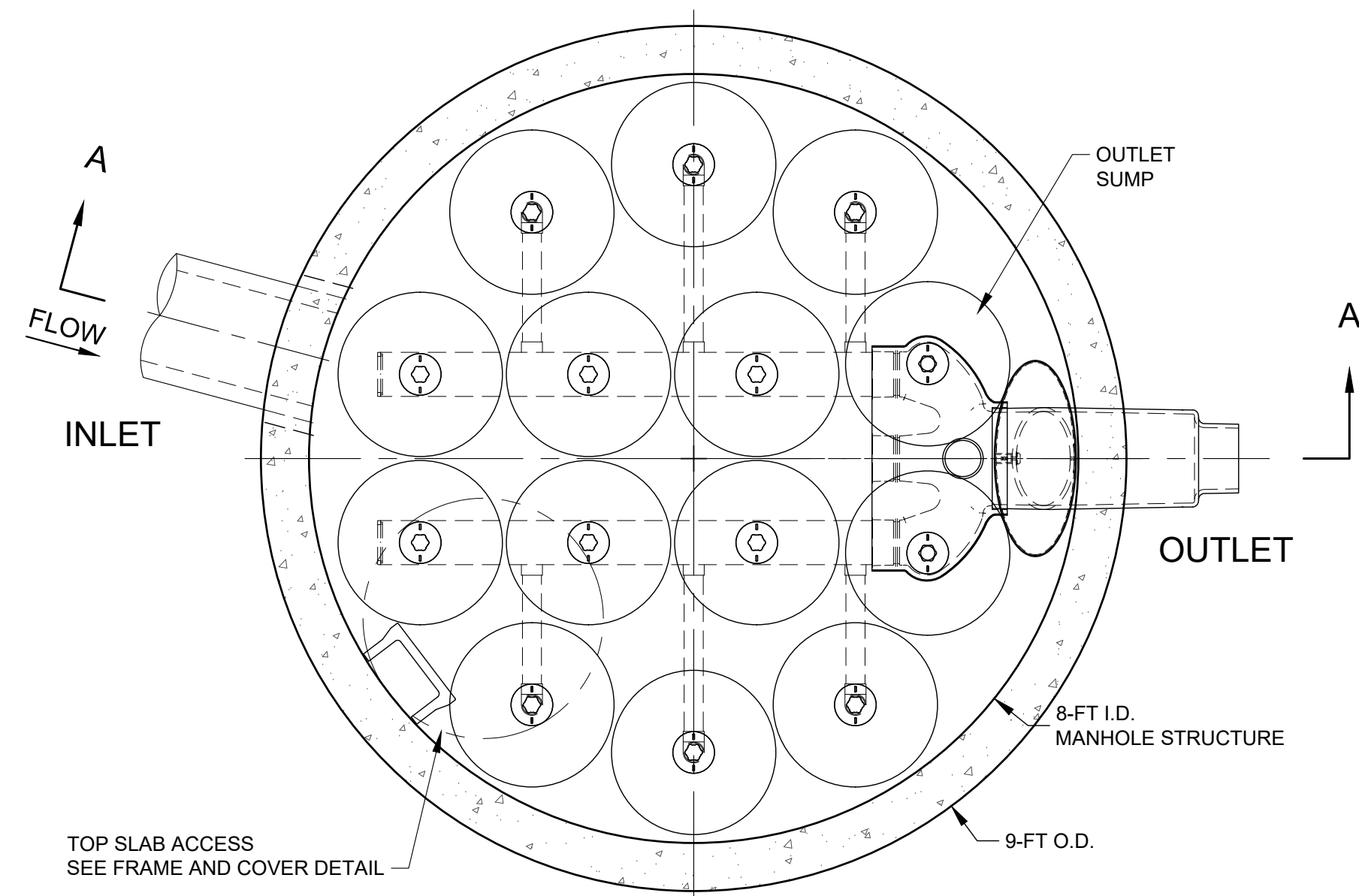
LOUIS THOMPSON ROAD TIGHTLINE PROJECT  
CITY OF SAMMAMISH  
STORM DRAINAGE DETAILS

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A	DR12	SHEET 29 of 101

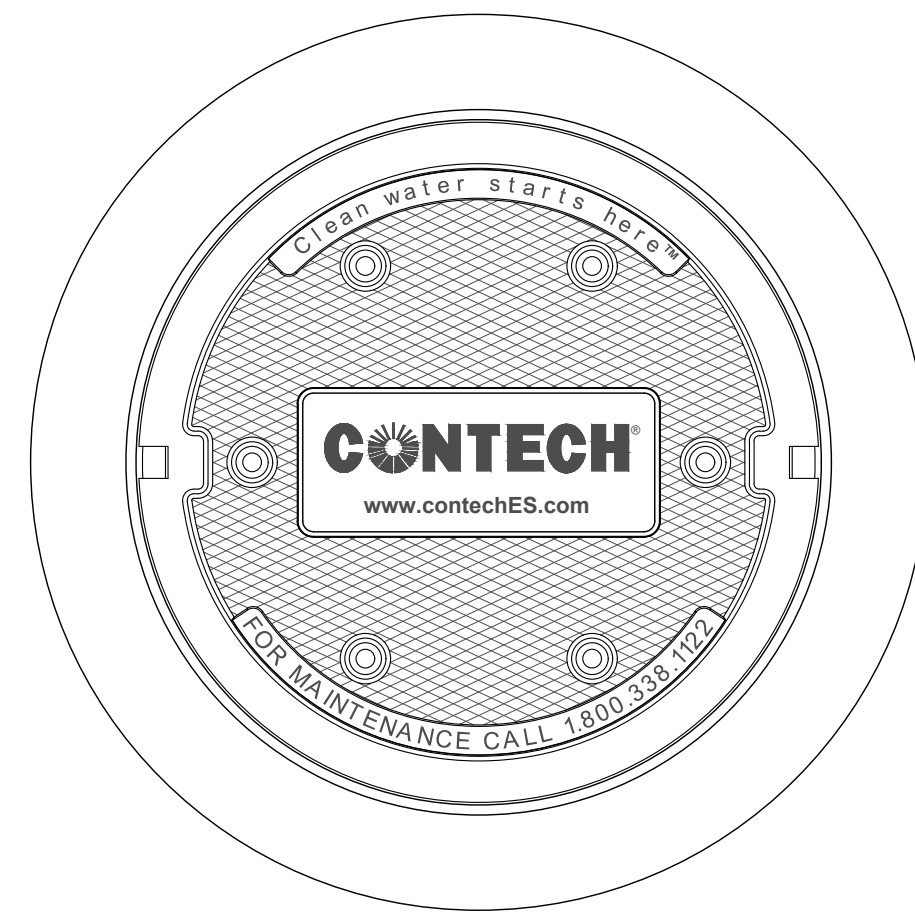
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PLOT TIME: 8/23/2023 2:38 PM  
USER NAME: LAURA TURNIDGE



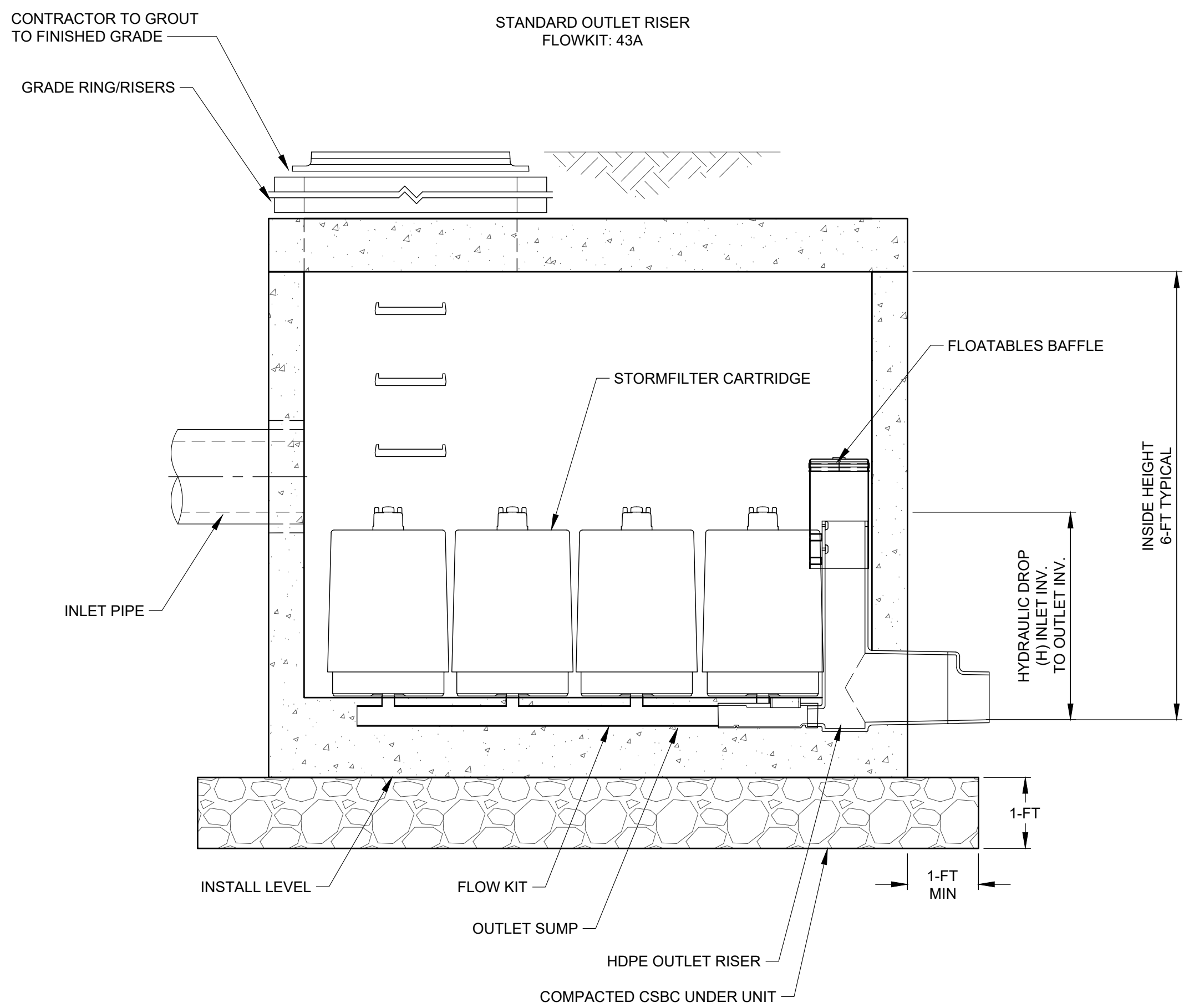
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 PLOT TIME: 8/23/2023 2:38 PM  
 USER NAME: LAURA TURNIDGE



**PLAN VIEW**



**FRAME AND COVER**  
(DIAMETER VARIES)  
N.T.S.



**SECTION A-A**

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	WQ-3		
WATER QUALITY FLOW RATE (cfs)	0.311		
PEAK FLOW RATE (cfs)	1.8		
RETURN PERIOD OF PEAK FLOW (yrs)	100		
CARTRIDGE HEIGHT	27-IN		
NUMBER OF CARTRIDGES REQUIRED	14		
CARTRIDGE FLOW RATE (gpm)	11.25		
MEDIA TYPE (PERLITE, ZPG, PSORB)	ZPG		
PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE #1	255.24	TBD	12-IN
OUTLET PIPE	252.19	TBD	12-IN
RIM ELEVATION	261.97		
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT	
	TBD	TBD	
NOTES/SPECIAL REQUIREMENTS:			
* PER ENGINEER OF RECORD			

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	WQ-4		
WATER QUALITY FLOW RATE (cfs)	0.289		
PEAK FLOW RATE (cfs)	1.8		
RETURN PERIOD OF PEAK FLOW (yrs)	100		
CARTRIDGE HEIGHT	27-IN		
NUMBER OF CARTRIDGES REQUIRED	14		
CARTRIDGE FLOW RATE (gpm)	11.25		
MEDIA TYPE (PERLITE, ZPG, PSORB)	ZPG		
PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE #1	136.34	TBD	12-IN
OUTLET PIPE	133.29	TBD	12-IN
RIM ELEVATION	141.16		
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT	
	TBD	TBD	
NOTES/SPECIAL REQUIREMENTS:			
* PER ENGINEER OF RECORD			

**GENERAL NOTES:**

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED VAULT DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. WWW.CONTECHES.COM
- STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 5' [1524 MM] AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES [178 MM]. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (GPM) [L/S] DIVIDED BY THE FILTER CONTACT SURFACE AREA (SQ FT) [M<sup>2</sup>].
- STORMFILTER STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.
- FOR THE LOCATION OF INLET AND OUTLET PIPES, REFER TO SHEETS 18-27.

**INSTALLATION NOTES:**

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE(S).
- CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE OUTLET RISER STUB. STORMFILTER EQUIPPED WITH A DUAL DIAMETER HDPE OUTLET STUB AND SAND COLLAR. IF OUTLET PIPE IS LARGER THAN 8 INCHES [200 MM], CONTRACTOR TO REMOVE THE 8 INCH [200 MM] OUTLET STUB AT MOLDED-IN CUT LINE. COUPLING BY FERNCO OR EQUAL AND PROVIDED BY CONTRACTOR.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

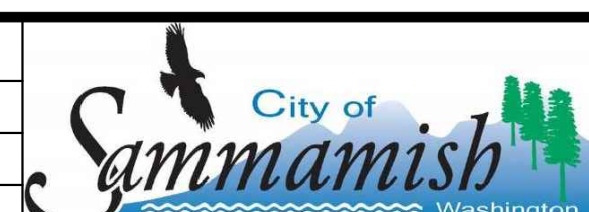
1 WATER QUALITY FACILITY (WQ-3 AND WQ-4)  
20.24 N.T.S.

90% SUBMITTAL (NOT FOR CONSTRUCTION)



DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR  
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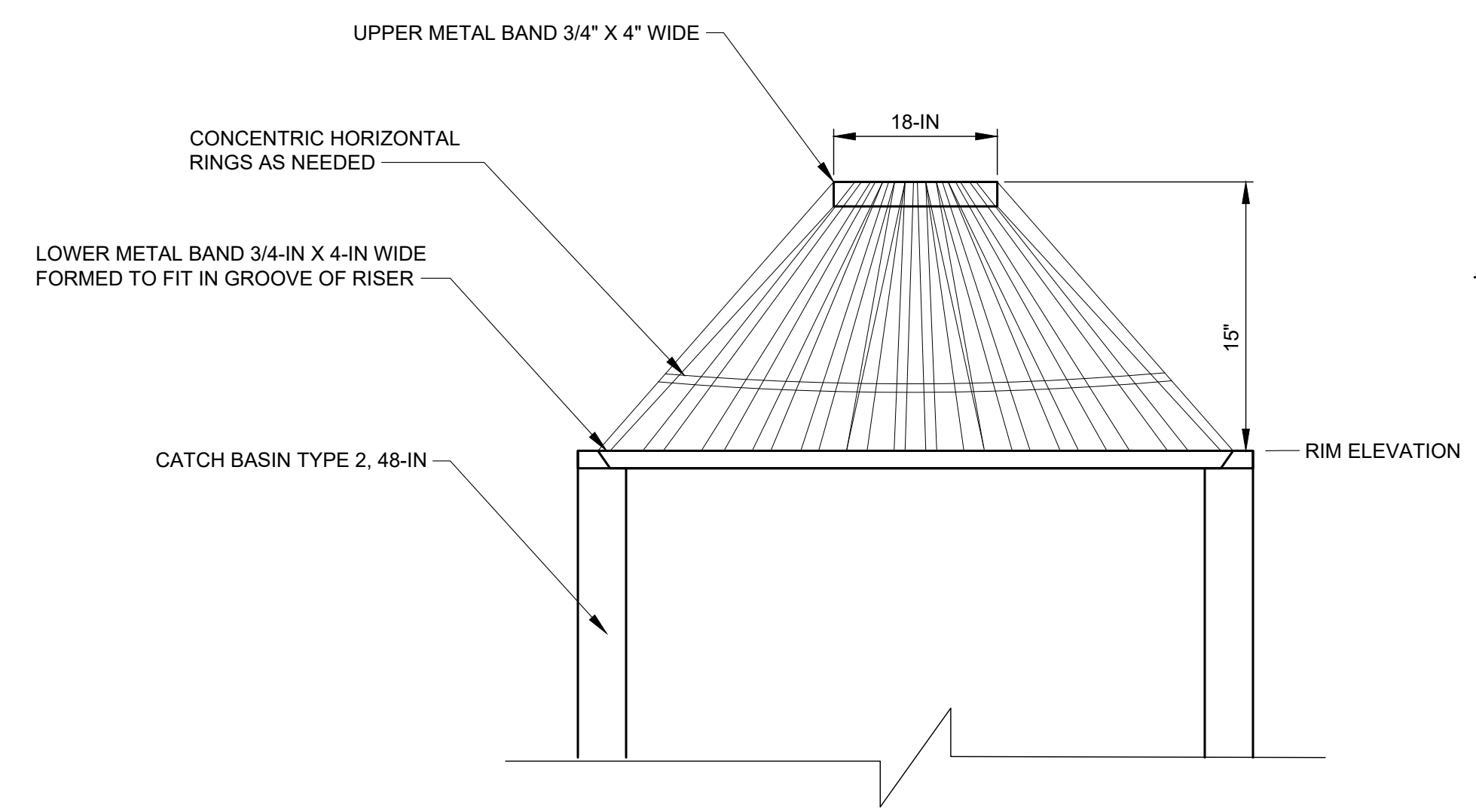
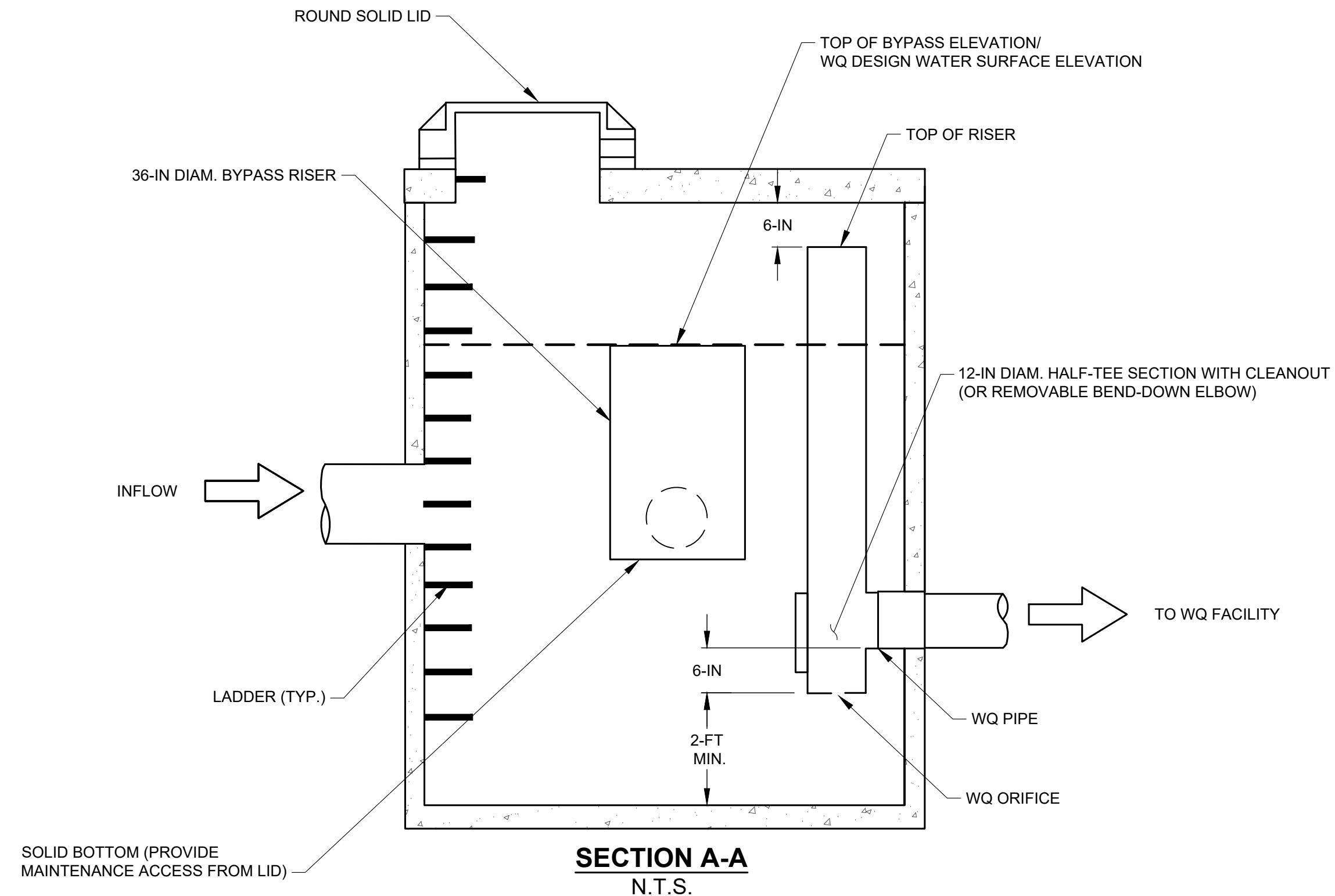
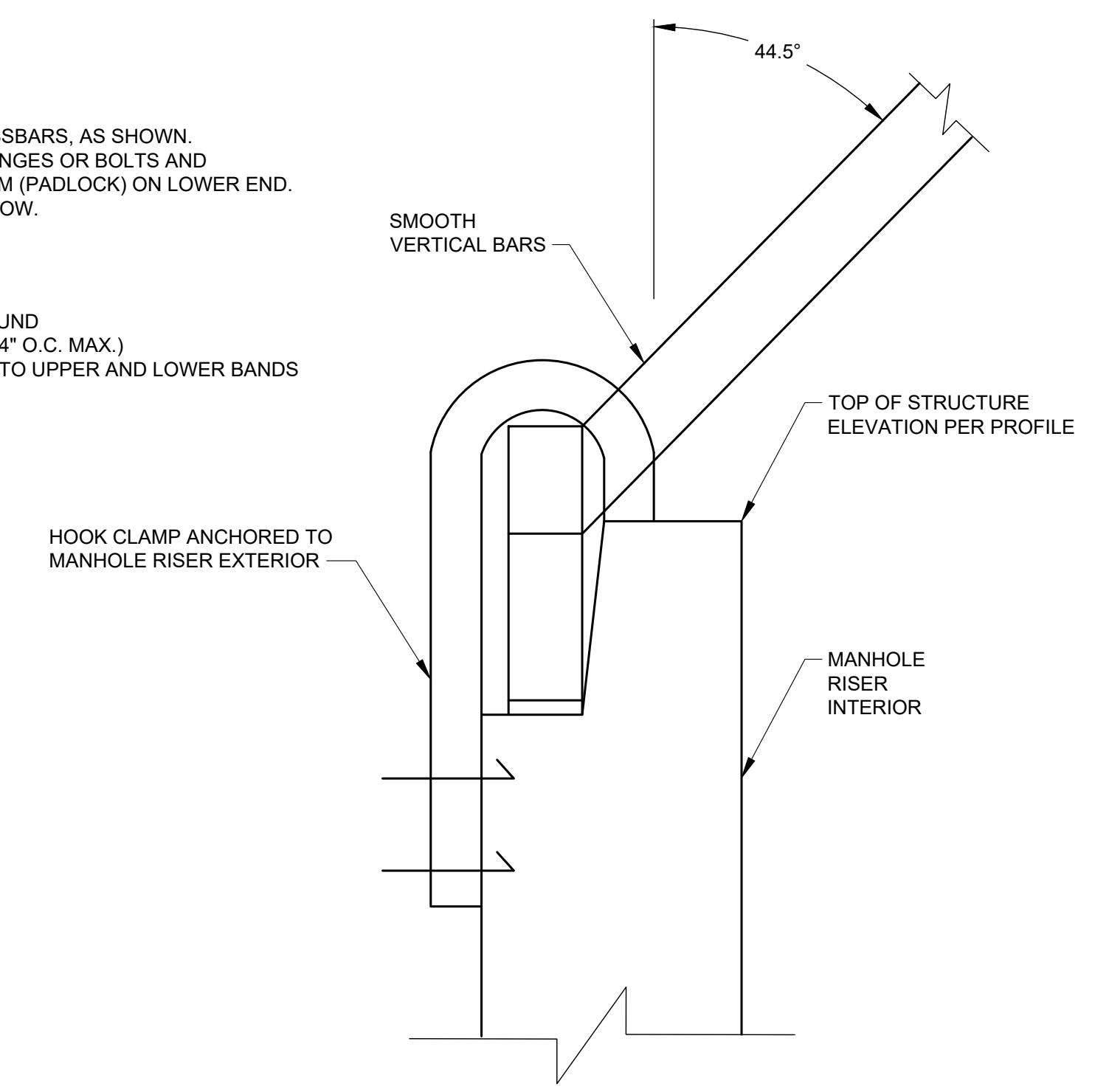
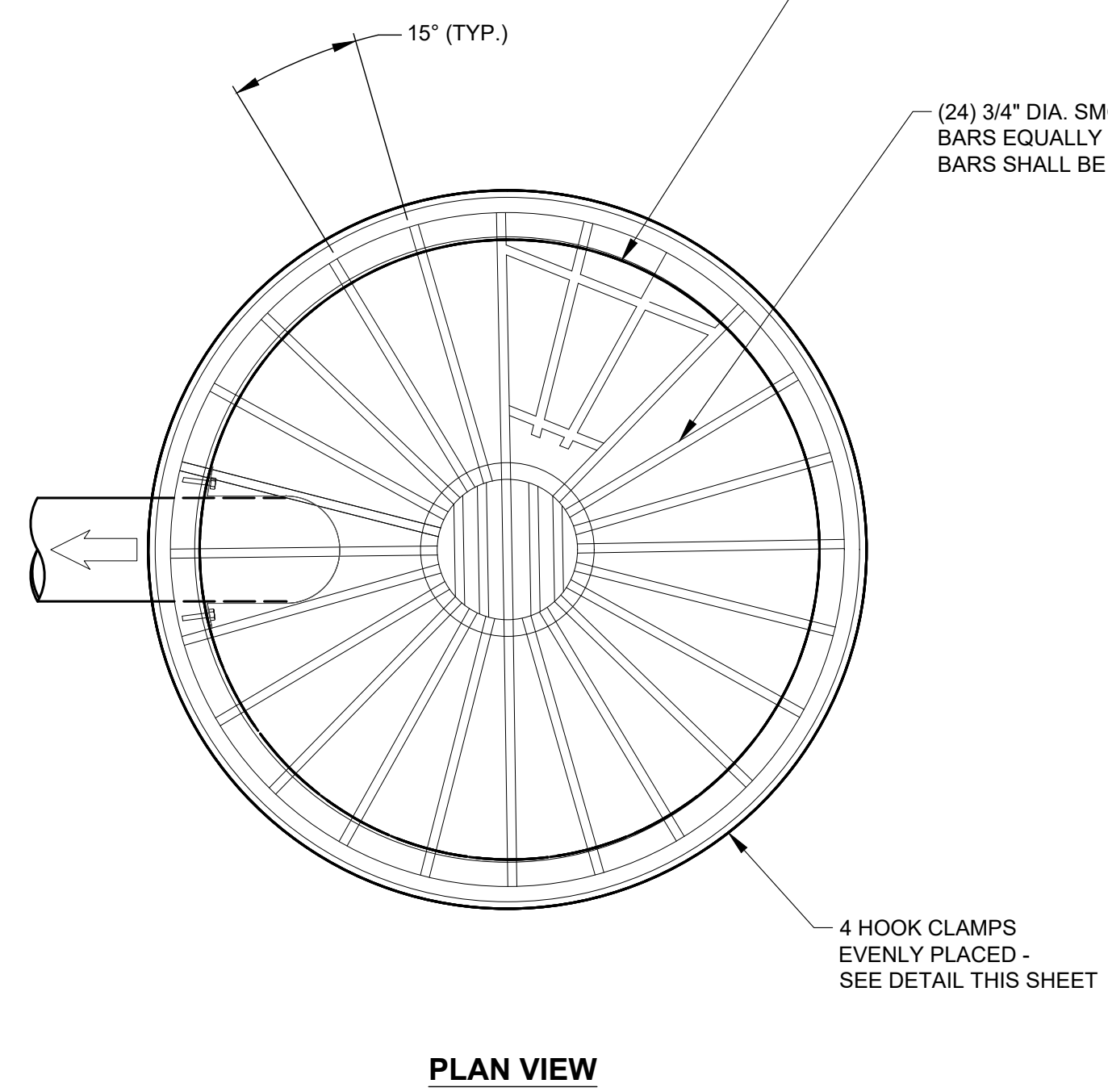
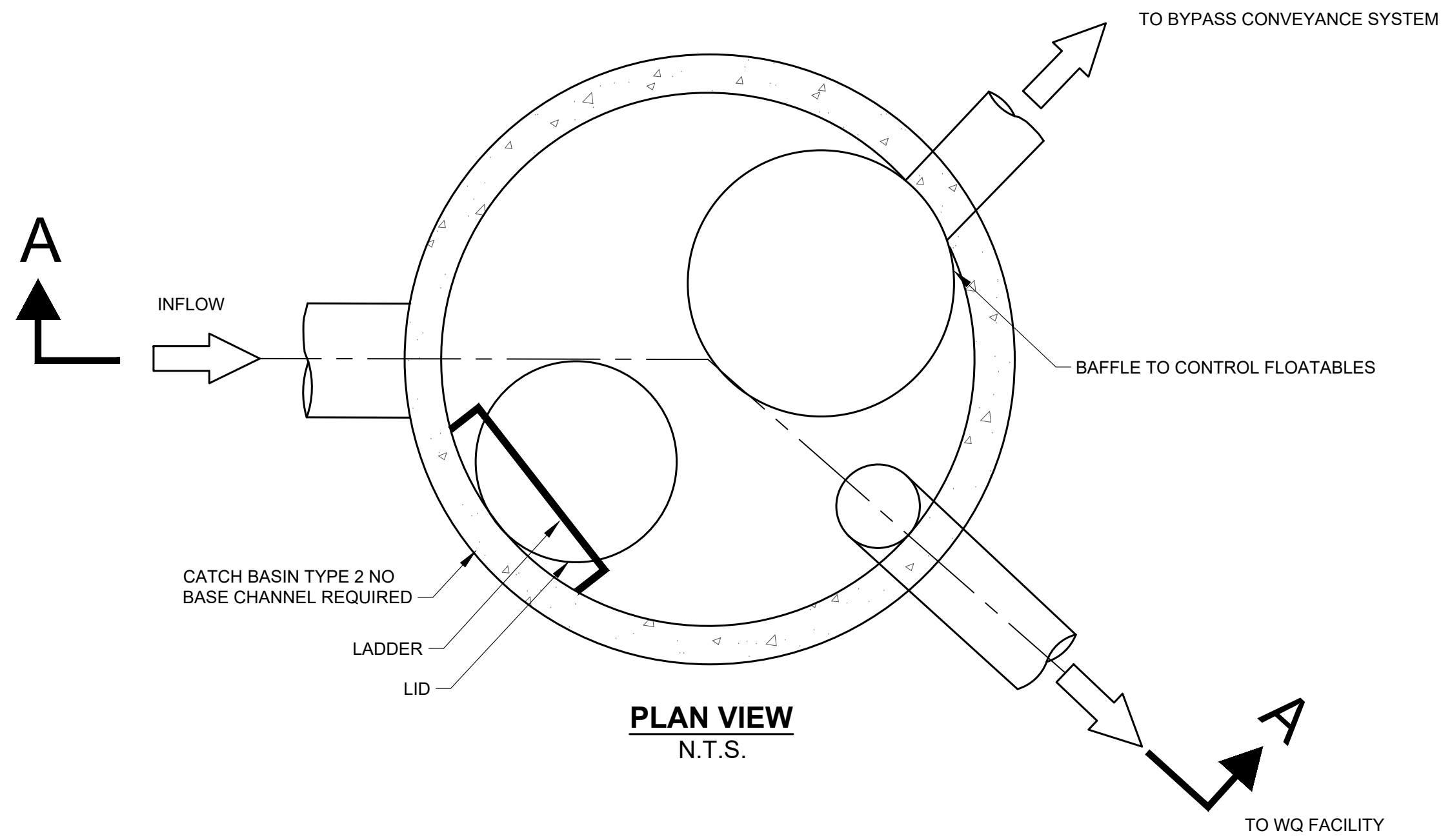
NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 STORM DRAINAGE DETAILS

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A	<b>DR13</b>	SHEET 30 of 101





- NOTES:**
1. ALL STEEL IN PLATES, BARS AND BANDS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A38.
  2. DEBRIS CAGE SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 (AASHTO M111).

STRUCTURE ID	WQ PIPE IE	WQ ORIFICE DIA (IN)	TOP OF BYPASS ELEVATION
CB-365	136.54	3.0	139.54
CB-180	255.29	3.0	258.29

**1 FLOW SPLITTER WITH RISER SYSTEM**  
20.24 N.T.S.

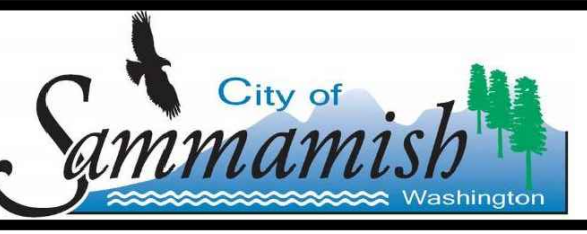
**2 DEBRIS CAGE DETAIL**  
19.21 N.T.S.  
23

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DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

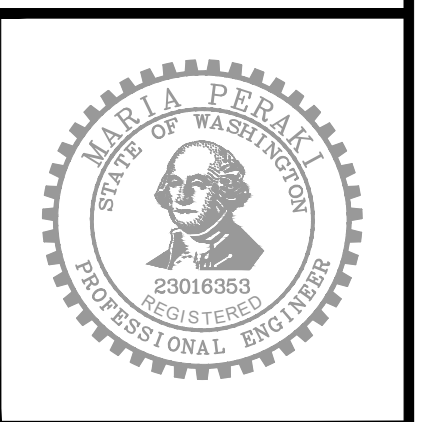
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NO.	DATE	REVISION	BY



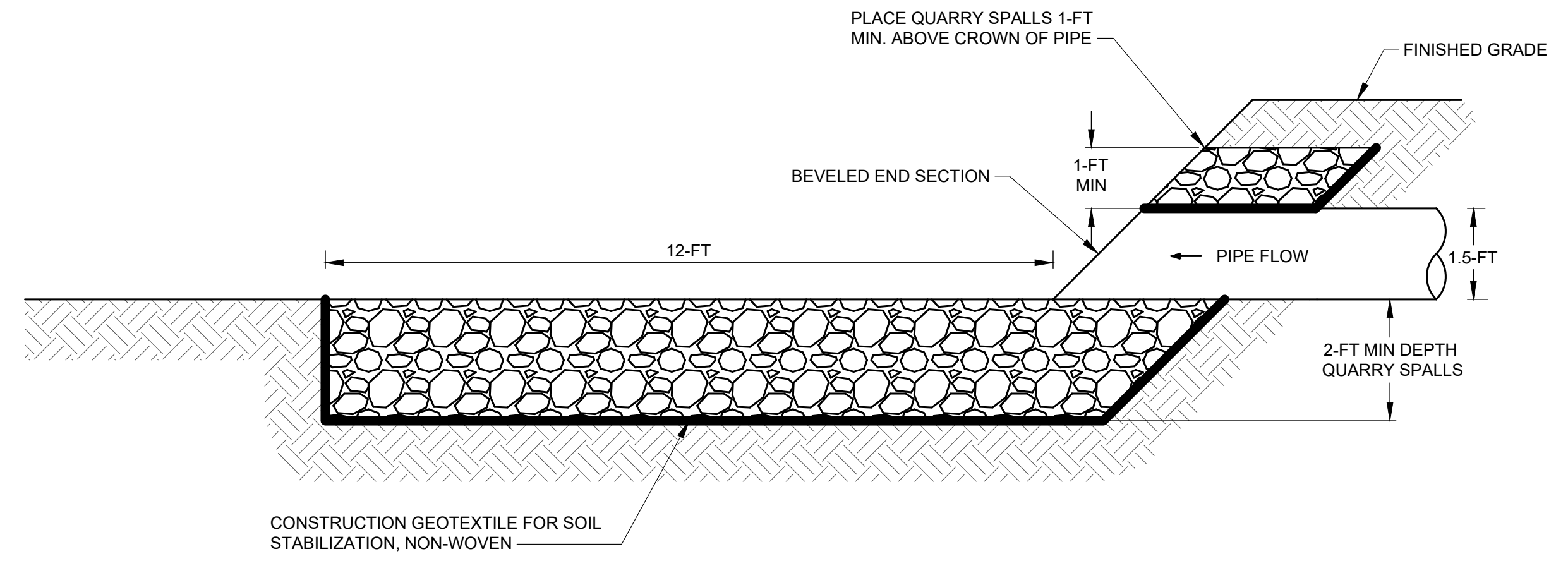
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 STORM DRAINAGE DETAILS

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A	<b>DR14</b>	SHEET 31 of 101

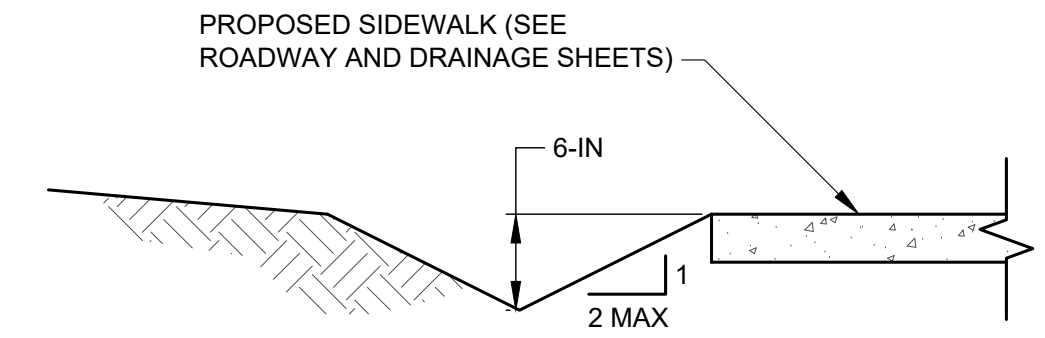


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 PLOT TIME: 8/23/2023 2:38 PM  
 USER NAME: LAURA TURNDIDGE



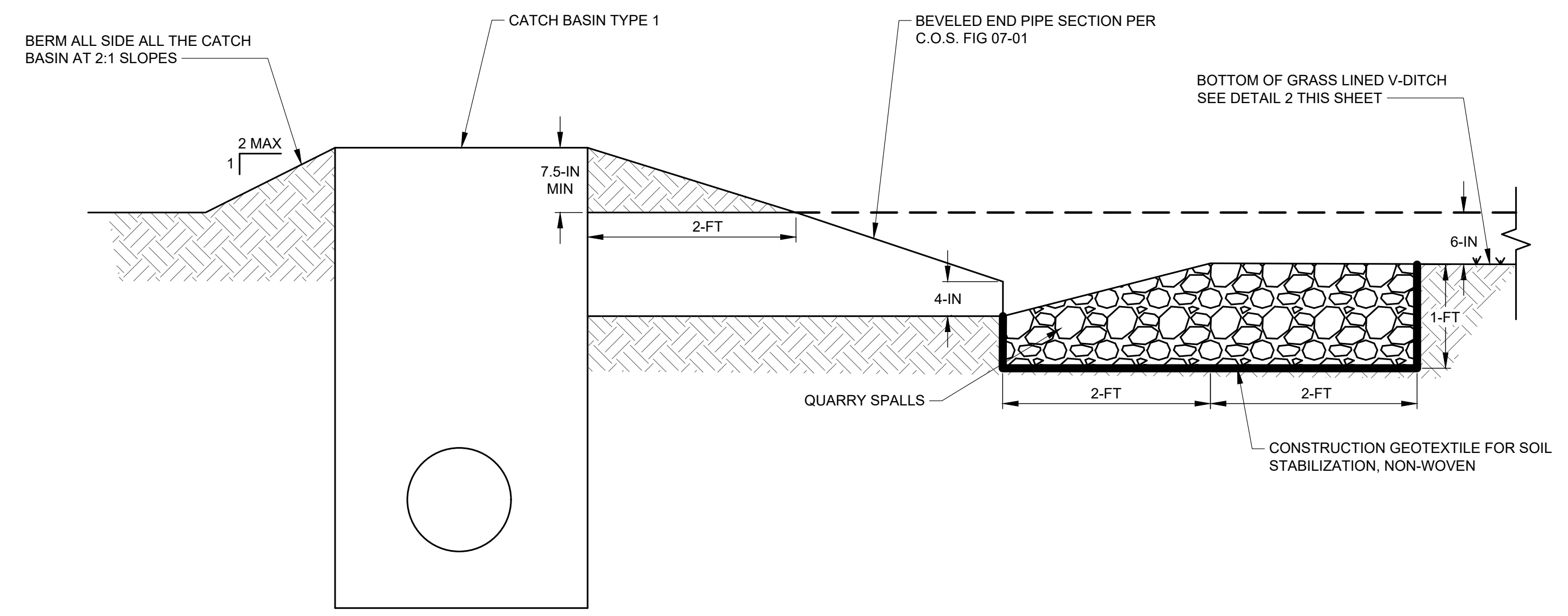


**1** **OUTFALL PROTECTION PAD**  
19 N.T.S.

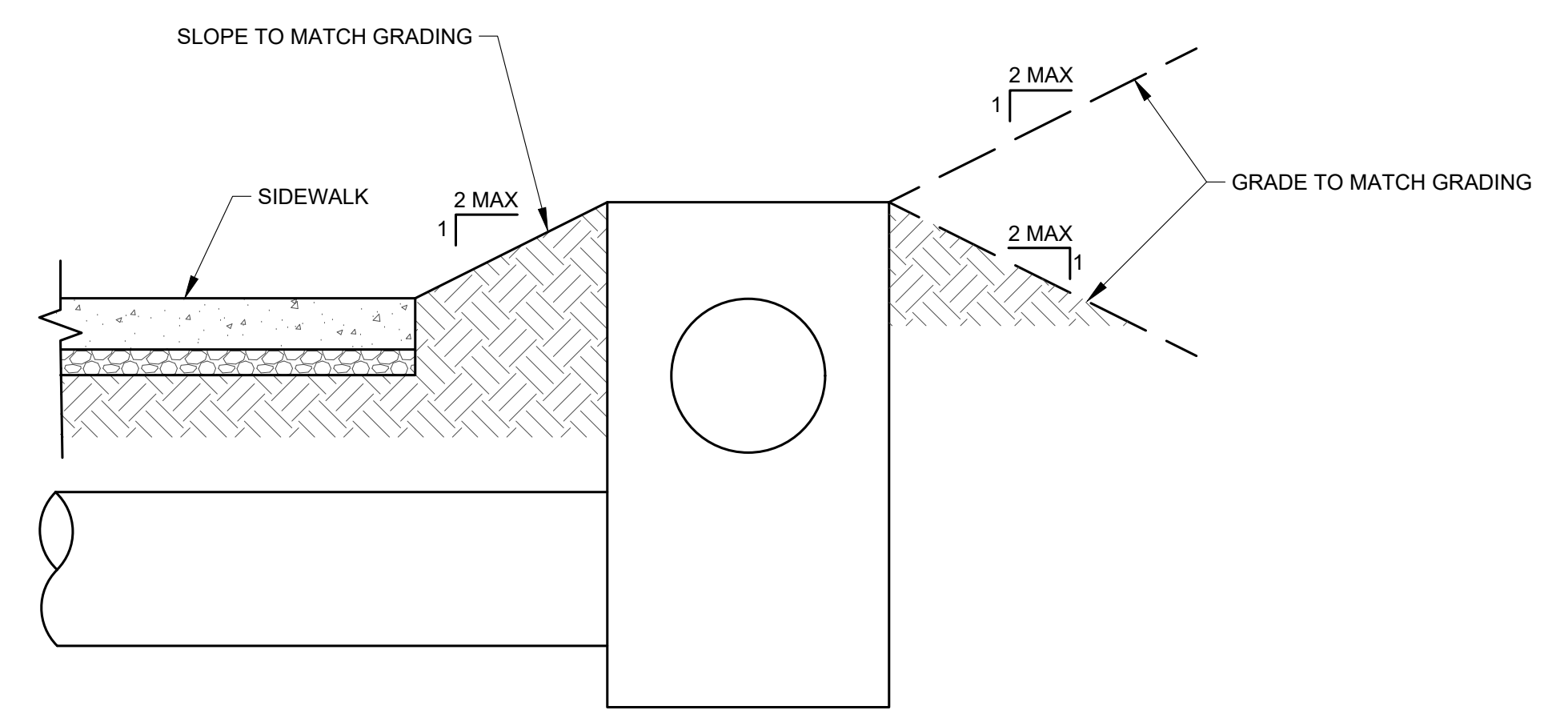


**NOTE:**  
HYDROSEED DITCH WITH WILD FLOWER SEED MIX. LONGITUDINAL SLOPE TO MATCH EXISTING TOPOGRAPHY MIN SLOPE SHALL BE 0.5%.

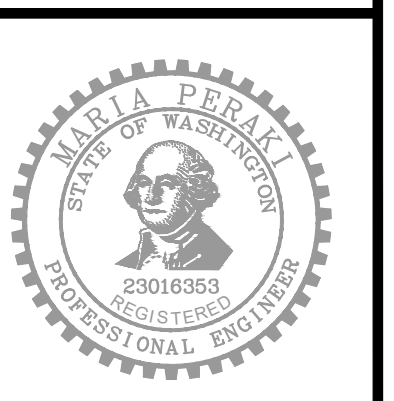
**2** **GRASS-LINED V-DITCH TYPICAL DETAIL**  
20 N.T.S.



**3** **GRASS-LINED V DITCH FLOW COLLECTION SYSTEM**  
20,22 N.T.S.



90% SUBMITTAL (NOT FOR CONSTRUCTION)

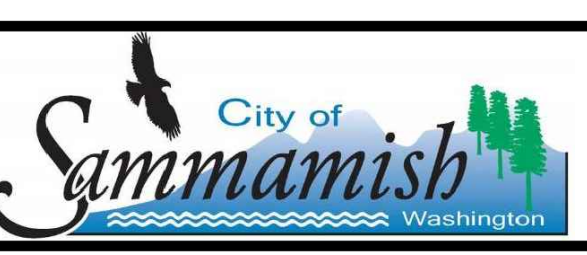


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PLOT TIME: 8/23/2023 2:38 PM  
USER NAME: LAURA TURNDIGE

DESIGNED BY: MP  
DRAWN BY: LT/LO/FJ  
CHECKED BY: LR

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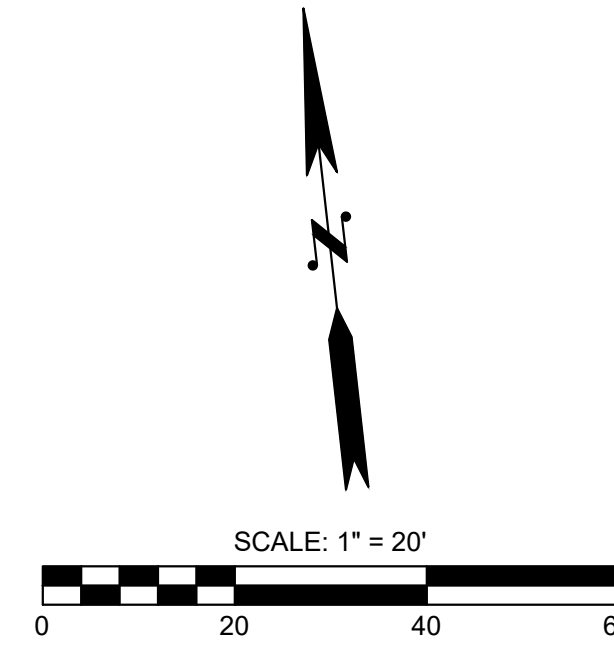
NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
STORM DRAINAGE DETAILS

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A	<b>DR15</b>	SHEET 32 of 101





**GENERAL NOTES:**

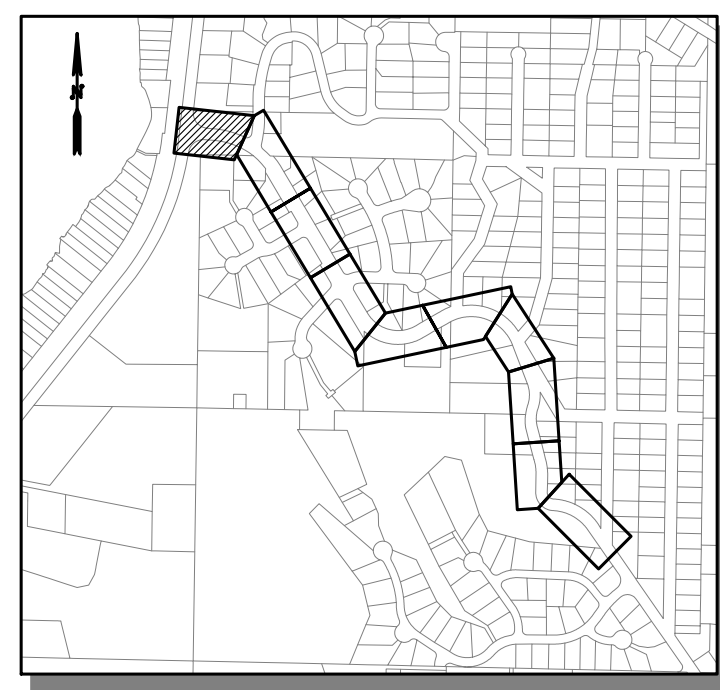
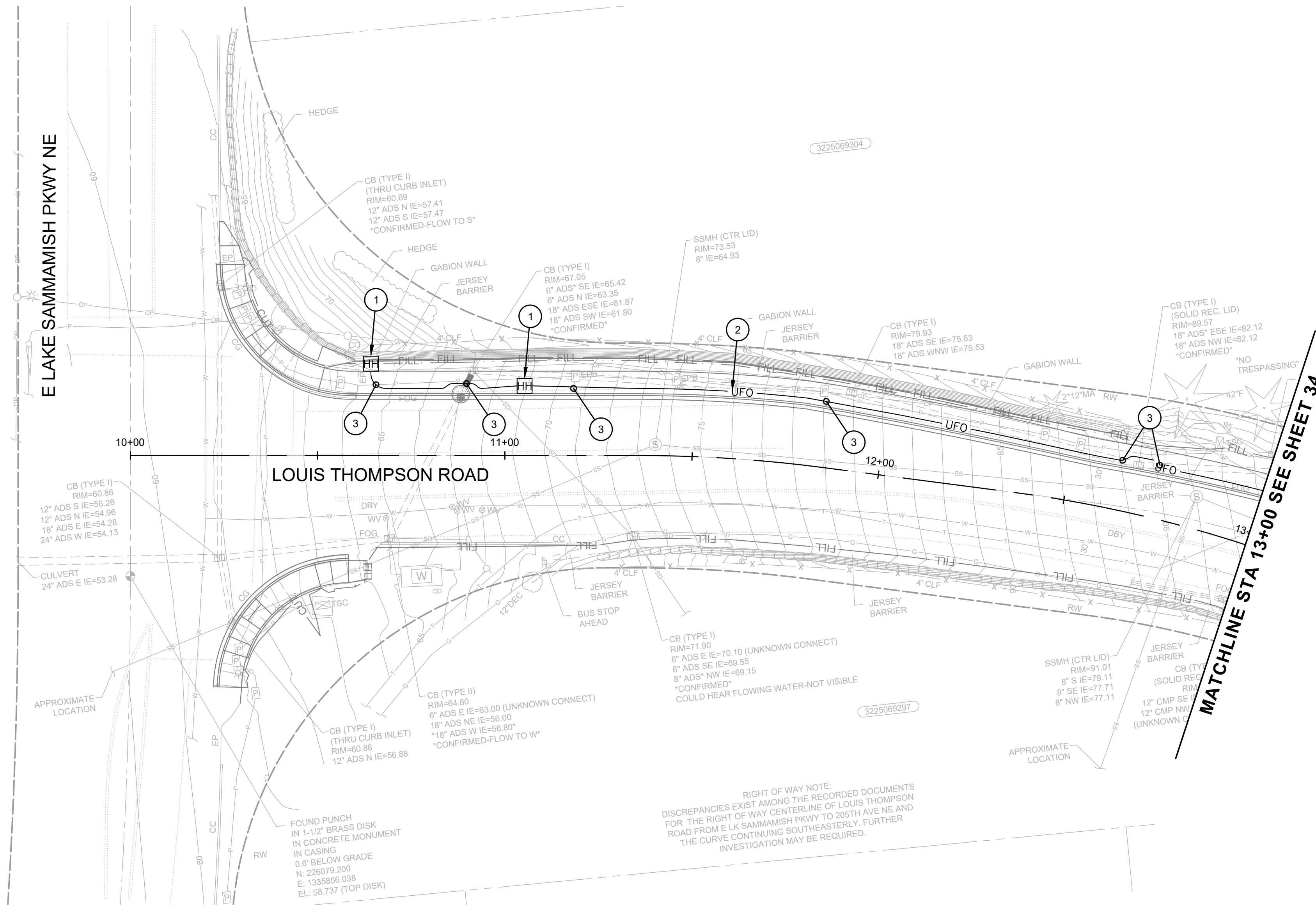
1. ALL ROAD CROSSING CONDUIT INSTALLATION FOR FUTURE FIBER OPTICS SHALL BE PERPENDICULAR TO THE ROAD AND SHALL BE A MINIMUM OF 3'-0" DEEP UNLESS OTHERWISE NOTED ON THE PLANS.
2. MINIMUM DISTANCE BETWEEN OBSTRUCTIONS AND CONDUIT FOR FUTURE FIBER OPTICS PER DETAILS ON SHEET 43.
3. THE MINIMUM DEPTH OF ALL UNDERGROUND CONDUIT INSTALLATION FOR FUTURE FIBER OPTICS SHALL BE PER DETAILS ON SHEET 43.
4. CONTRACTOR SHALL FIELD ADJUST CONDUIT TO AVOID CONFLICT WITH EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY BOTH THE ENGINEER AND THE CITY OF SAMMAMISH OF ANY PROPOSED CHANGES TO THE ALIGNMENT. ANY PROPOSED CHANGES MUST BE APPROVED BY THE ENGINEER AND THE CITY.
5. CONTRACTOR TO VERIFY THAT THE SUM OF CONDUIT BEND ANGLES FOR EACH RUN (HANDHOLE TO HANDHOLE) DOES NOT EXCEED 360 DEGREES. ADDITIONAL HANDHOLE TO BE INSTALLED WITHIN RUNS TO ENSURE SUM OF BEND ANGLES IS BELOW THE THRESHOLD.
6. ANY ROADWAY SIGNAGE OR STRIPING REMOVED OR TEMPORARILY MOVED BY THE CONTRACTOR SHALL BE RESTORED SO AS TO MEET CURRENT STANDARDS UNLESS SHOWN OTHERWISE.
7. TRENCHES AND OPEN EXCAVATION SHALL BE COVERED AND PLATED DURING NON-WORKING HOURS.
8. WHEN TRENCHING AND RESTORATION IS COMPLETE, ALL ROCKS AND DEBRIS SHALL BE HAULED OFF AND LEGALLY DISPOSED.

**CONSTRUCTION NOTES:**

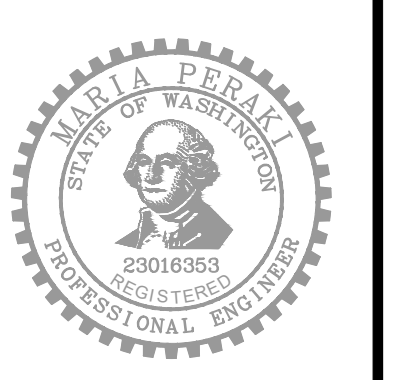
1. INSTALL PRECAST CONCRETE HANDHOLE (48"X48"X24") WITH HINGED ANTI-SLIP PLATE/LOCKING DEVICE COVER. SEE TYPICAL TRENCH AT HANDHOLE DETAIL ON SHEET 43.
2. INSTALL TWO 3-INCH SCHEDULE 40 PVC CONDUITS WITH LOCATABLE WIRE FOR FUTURE FIBER OPTIC CABLE PER DETAILS ON SHEET 43.
3. CAUTION: UTILITY CROSSING. IF IN CONFLICT, INSTALL AROUND OBSTRUCTION PER DETAIL ON SHEET 43.

**LEGEND**

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



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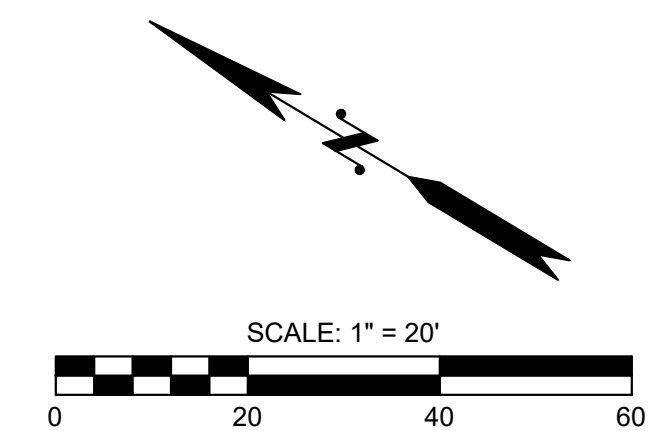


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 COMMUNICATION CONDUITS PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A	PROJECT NO.	CO01
		SHEET 33 of 101	

FILE NAME: C:\P\O\O\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\DWG\265661P\_10-210058\_COMM.DWG  
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 USER NAME: LAURA TURNDIGE





**GENERAL NOTES:**

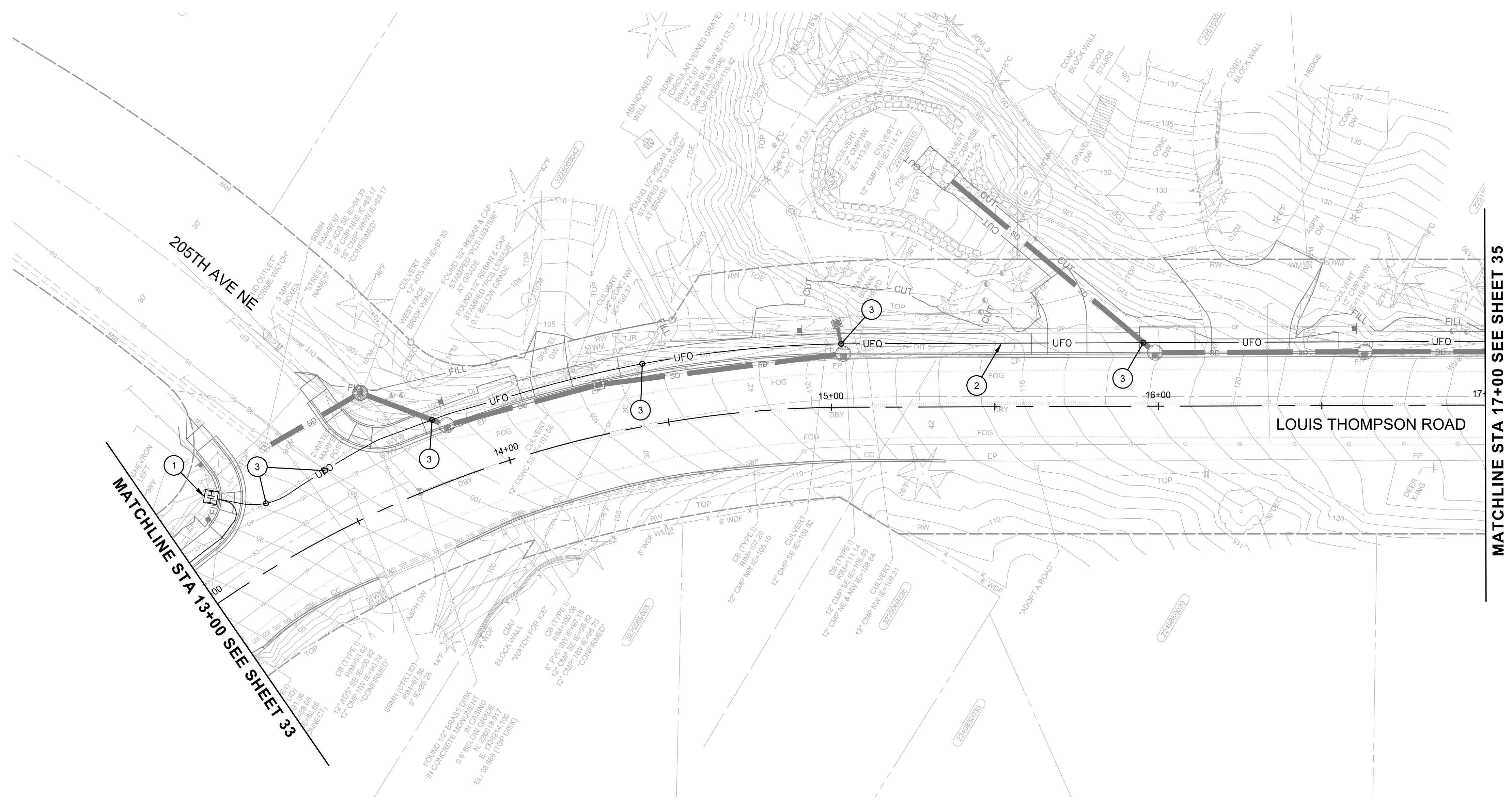
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**CONSTRUCTION NOTES:**

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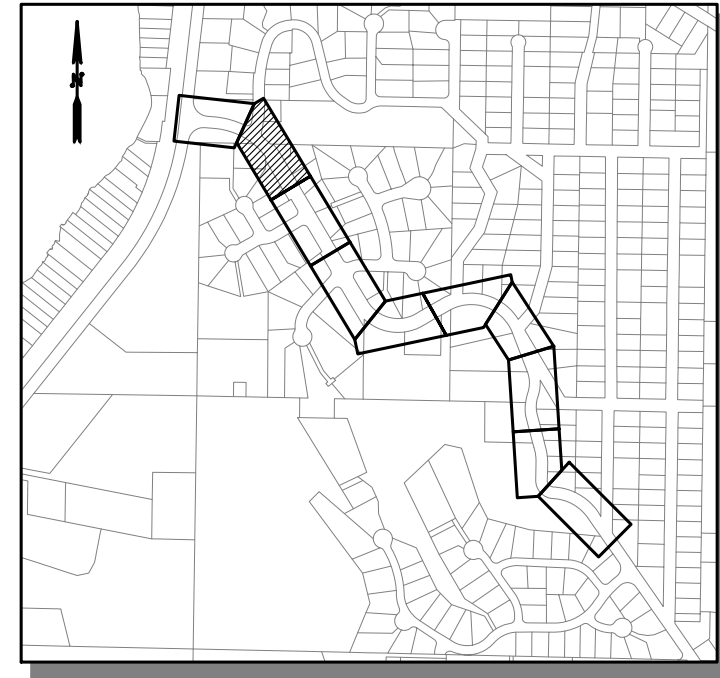
**LEGEND**

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



MATCHLINE STA 13+00 SEE SHEET 33

MATCHLINE STA 17+00 SEE SHEET 35



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 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR

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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 COMMUNICATION CONDUITS PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A	COD	CO02
90% SUBMITTAL (NOT FOR CONSTRUCTION)		SHEET 34 of 101	

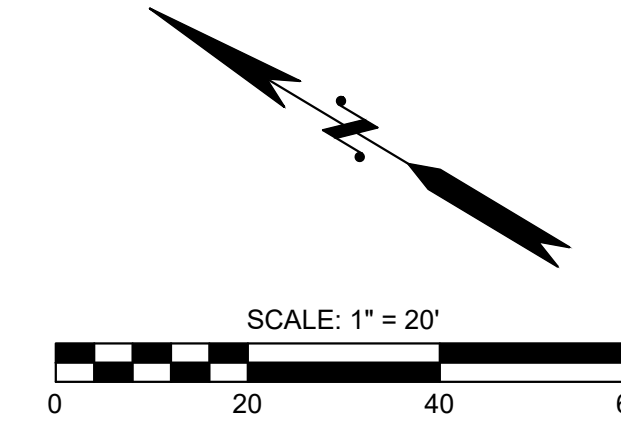


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 USER NAME: LAURA TURNIDGE





**GENERAL NOTES:**

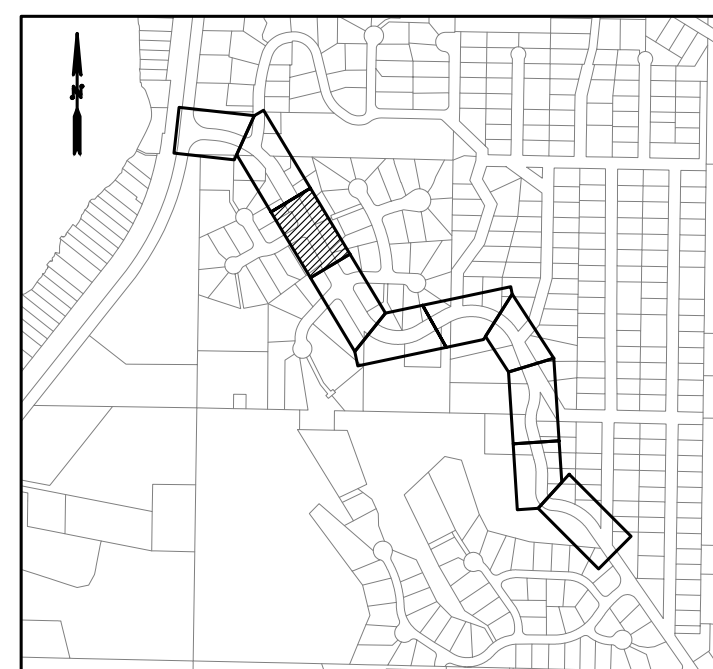
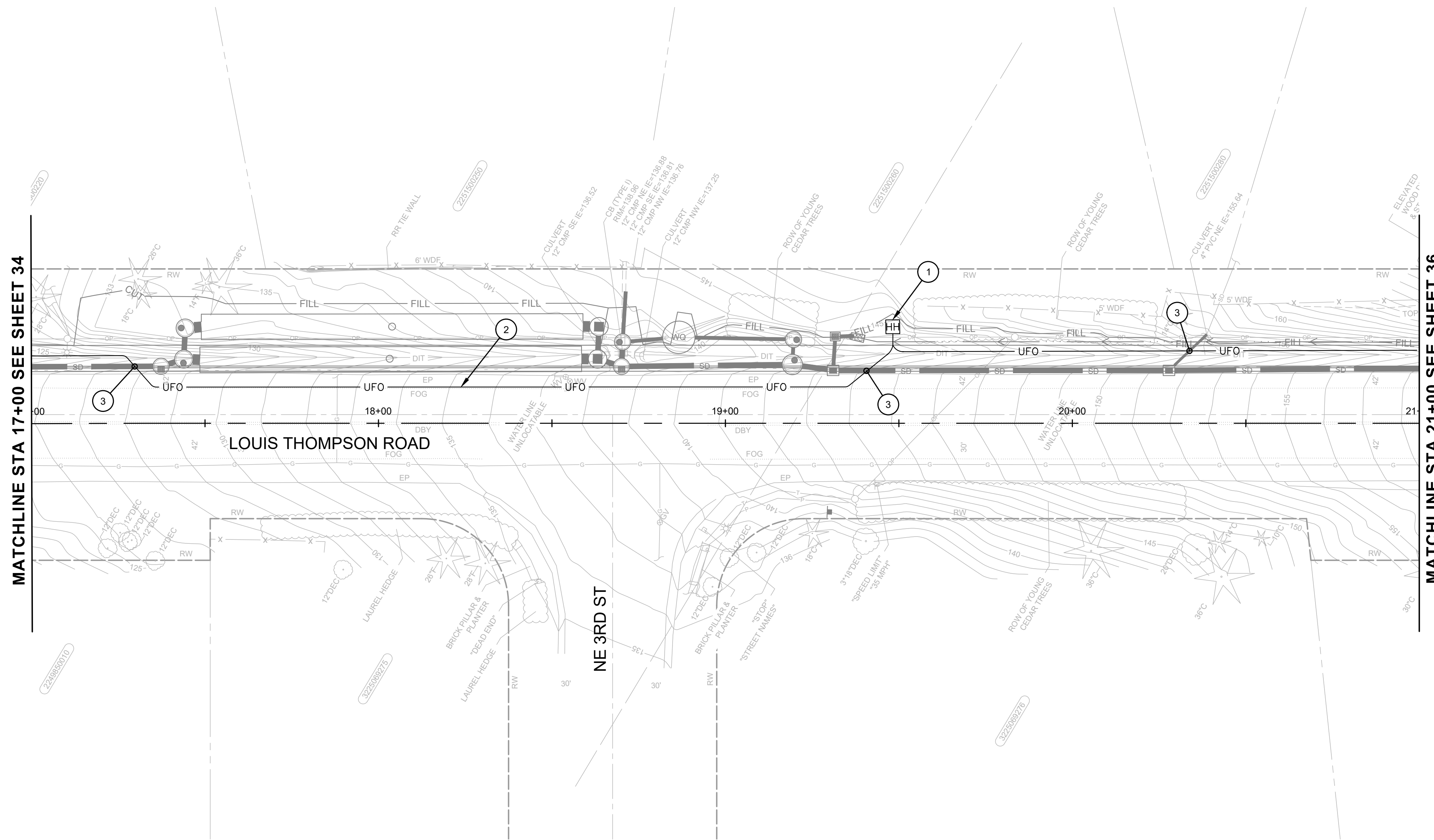
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**LEGEND**

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



FILE NAME: C:\P\O\O\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P\_10-210058\_COMM.DWG  
 PLOT TIME: 8/23/2023 2:39 PM  
 USER NAME: LAURA TURNIDGE

DESIGNED BY: MP  
 DRAWN BY: LT/LO/FJ  
 CHECKED BY: LR  
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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**COMMUNICATION CONDUITS PLAN**

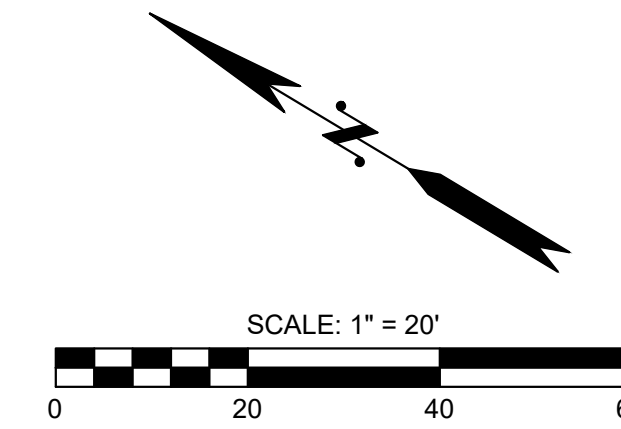
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SCALE	H: 1"=20' V: N/A	PROJECT NO.	CO03
90% SUBMITTAL (NOT FOR CONSTRUCTION)		SHEET 35 of 101	



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**GENERAL NOTES:**

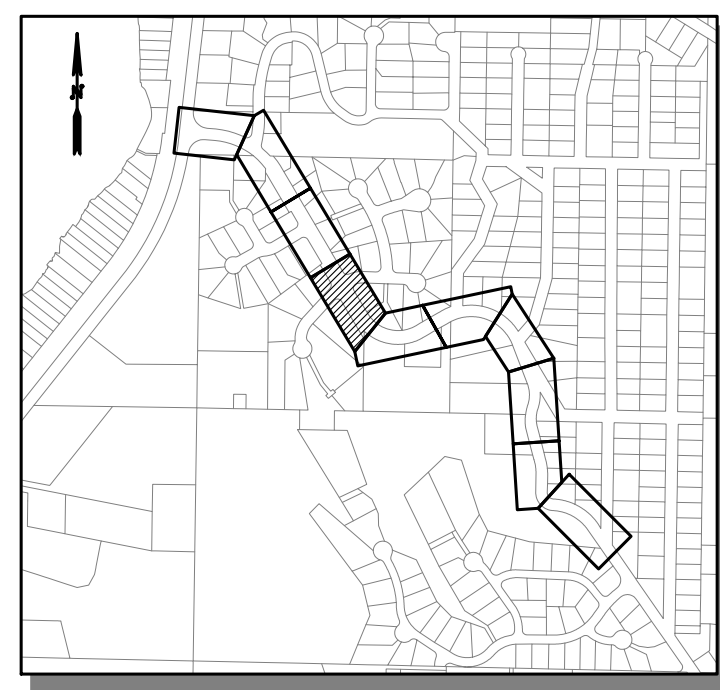
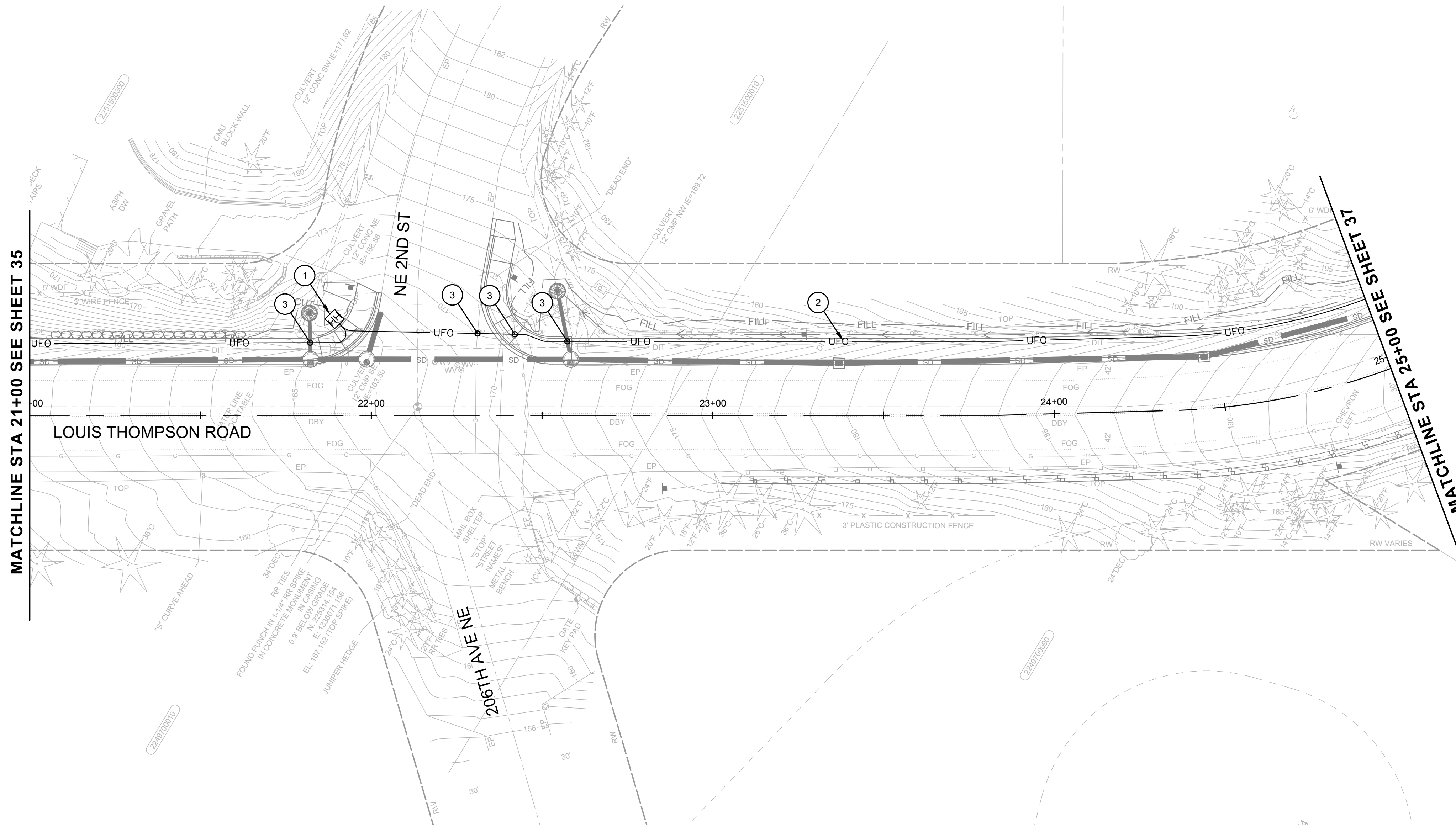
1. ALL ROAD CROSSING CONDUIT INSTALLATION FOR FUTURE FIBER OPTICS SHALL BE PERPENDICULAR TO THE ROAD AND SHALL BE A MINIMUM OF 3'-0" DEEP UNLESS OTHERWISE NOTED ON THE PLANS.
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3. THE MINIMUM DEPTH OF ALL UNDERGROUND CONDUIT INSTALLATION FOR FUTURE FIBER OPTICS SHALL BE PER DETAILS ON SHEET 43.
4. CONTRACTOR SHALL FIELD ADJUST CONDUIT TO AVOID CONFLICT WITH EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY BOTH THE ENGINEER AND THE CITY OF SAMMAMISH OF ANY PROPOSED CHANGES TO THE ALIGNMENT. ANY PROPOSED CHANGES MUST BE APPROVED BY THE ENGINEER AND THE CITY.
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6. ANY ROADWAY SIGNAGE OR STRIPING REMOVED OR TEMPORARILY MOVED BY THE CONTRACTOR SHALL BE RESTORED SO AS TO MEET CURRENT STANDARDS UNLESS SHOWN OTHERWISE.
7. TRENCHES AND OPEN EXCAVATION SHALL BE COVERED AND PLATED DURING NON-WORKING HOURS.
8. WHEN TRENCHING AND RESTORATION IS COMPLETE, ALL ROCKS AND DEBRIS SHALL BE HAULED OFF AND LEGALLY DISPOSED.

**## CONSTRUCTION NOTES:**

1. INSTALL PRECAST CONCRETE HANDHOLE (48"X48"X24") WITH HINGED ANTI-SLIP PLATE/LOCKING DEVICE COVER. SEE TYPICAL TRENCH AT HANDHOLE DETAIL ON SHEET 43.
2. INSTALL TWO 3-INCH SCHEDULE 40 PVC CONDUITS WITH LOCATABLE WIRE FOR FUTURE FIBER OPTIC CABLE PER DETAILS ON SHEET 43.
3. CAUTION: UTILITY CROSSING. IF IN CONFLICT, INSTALL AROUND OBSTRUCTION PER DETAIL ON SHEET 43.

**LEGEND**

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH □ HAND HOLE



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PLOT TIME: 8/23/2023 2:39 PM  
USER NAME: LAURA TURNIDGE



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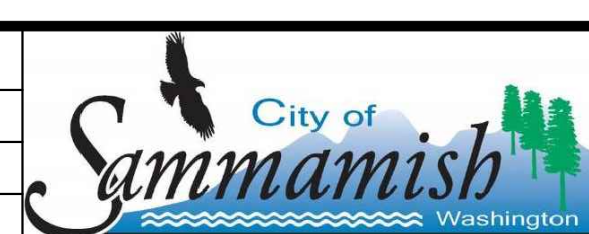


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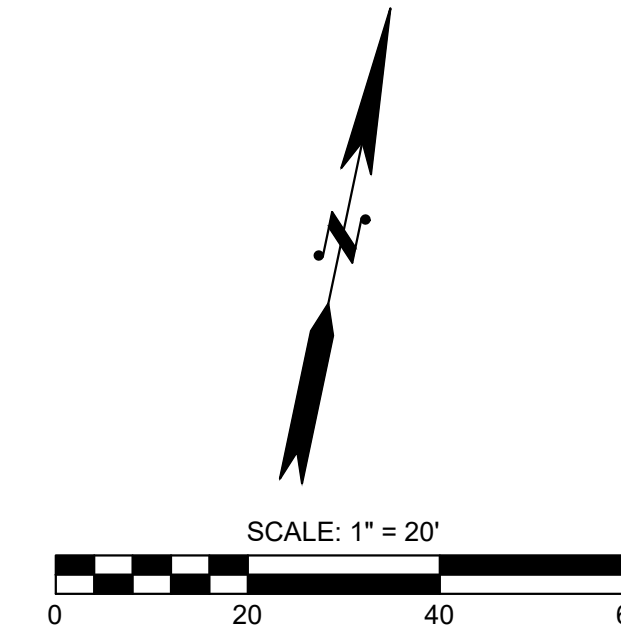
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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>CO04</b> SHEET 36 of 101





**GENERAL NOTES:**

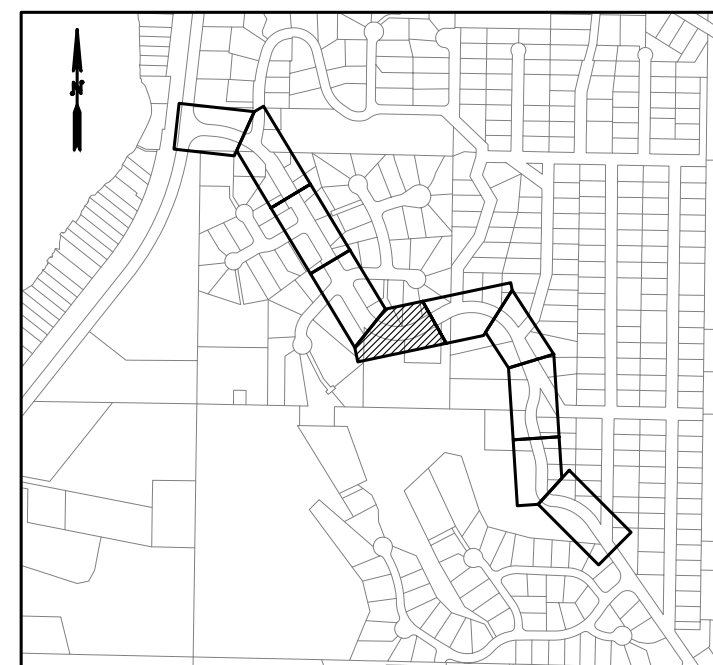
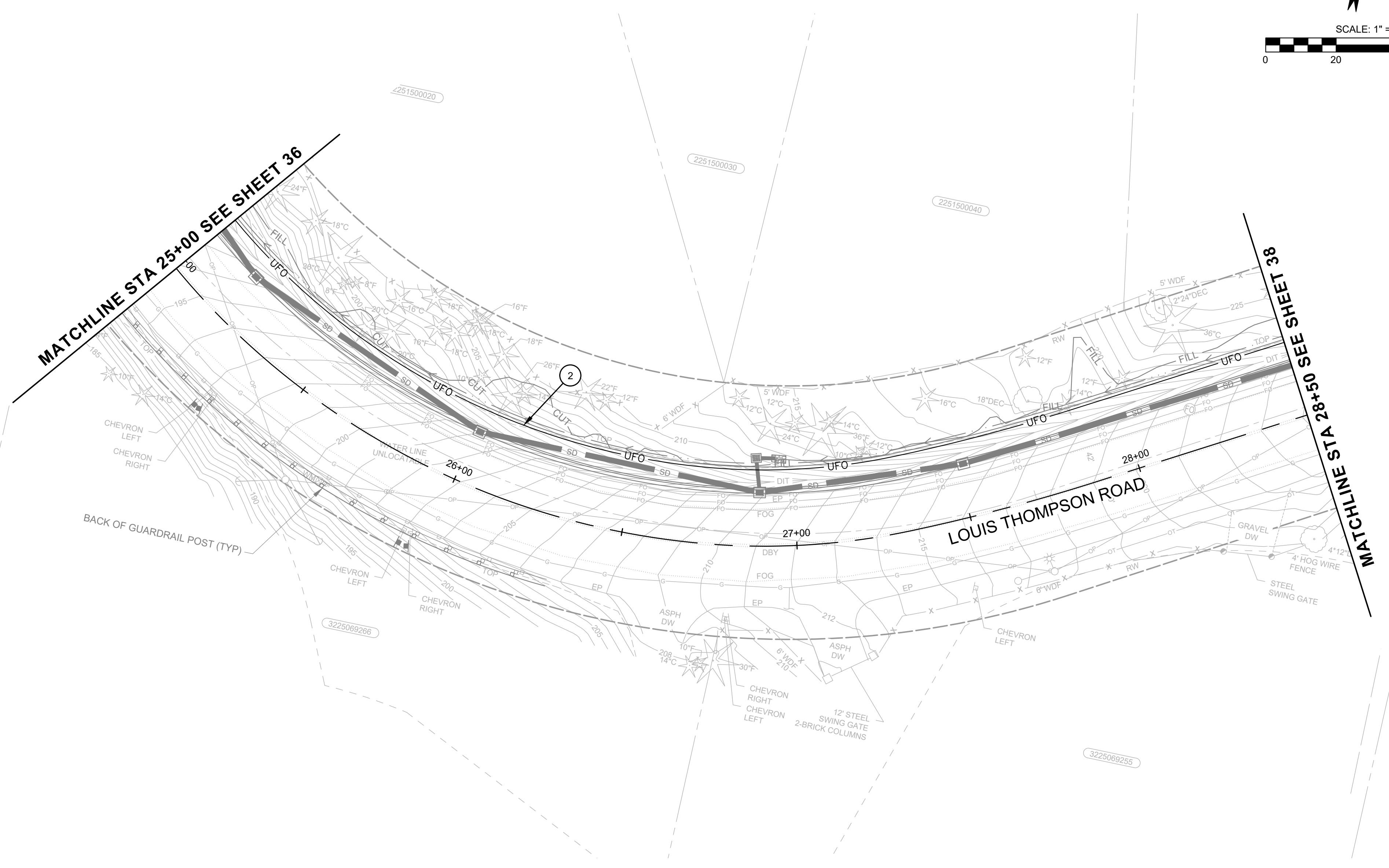
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**LEGEND**

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



Know what's below.  
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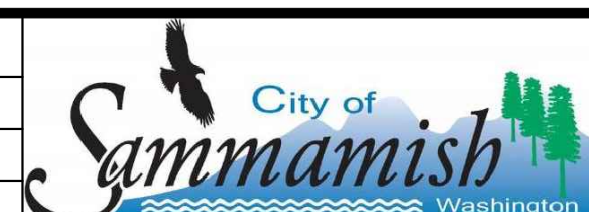


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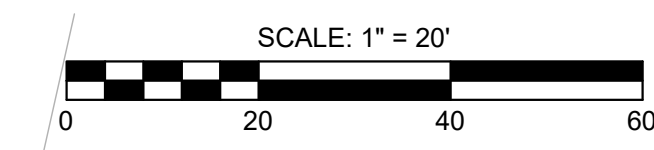


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>CO05</b> SHEET 37 of 101

FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\DWG\265661P\_10-210058\_COMM.DWG  
PLOT TIME: 8/23/2023 2:39 PM  
USER NAME: LAURA TURNIDGE





**GENERAL NOTES:**

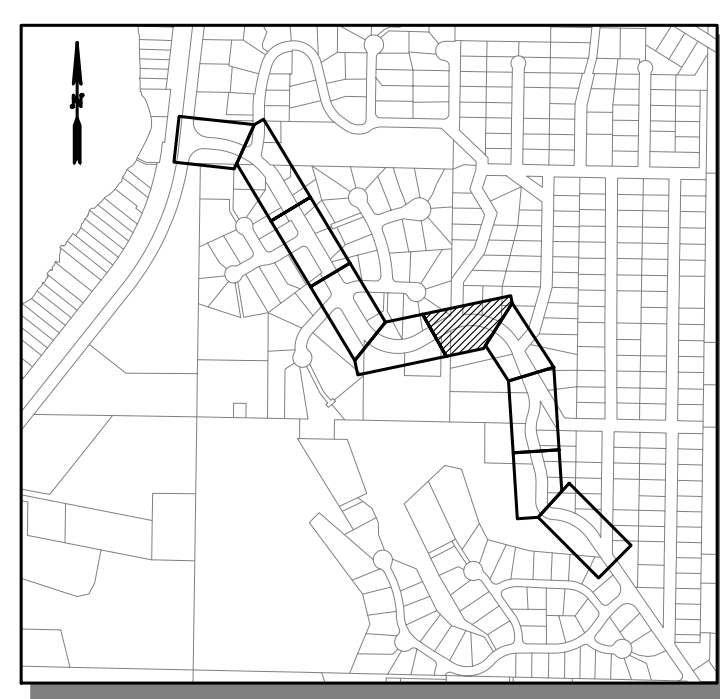
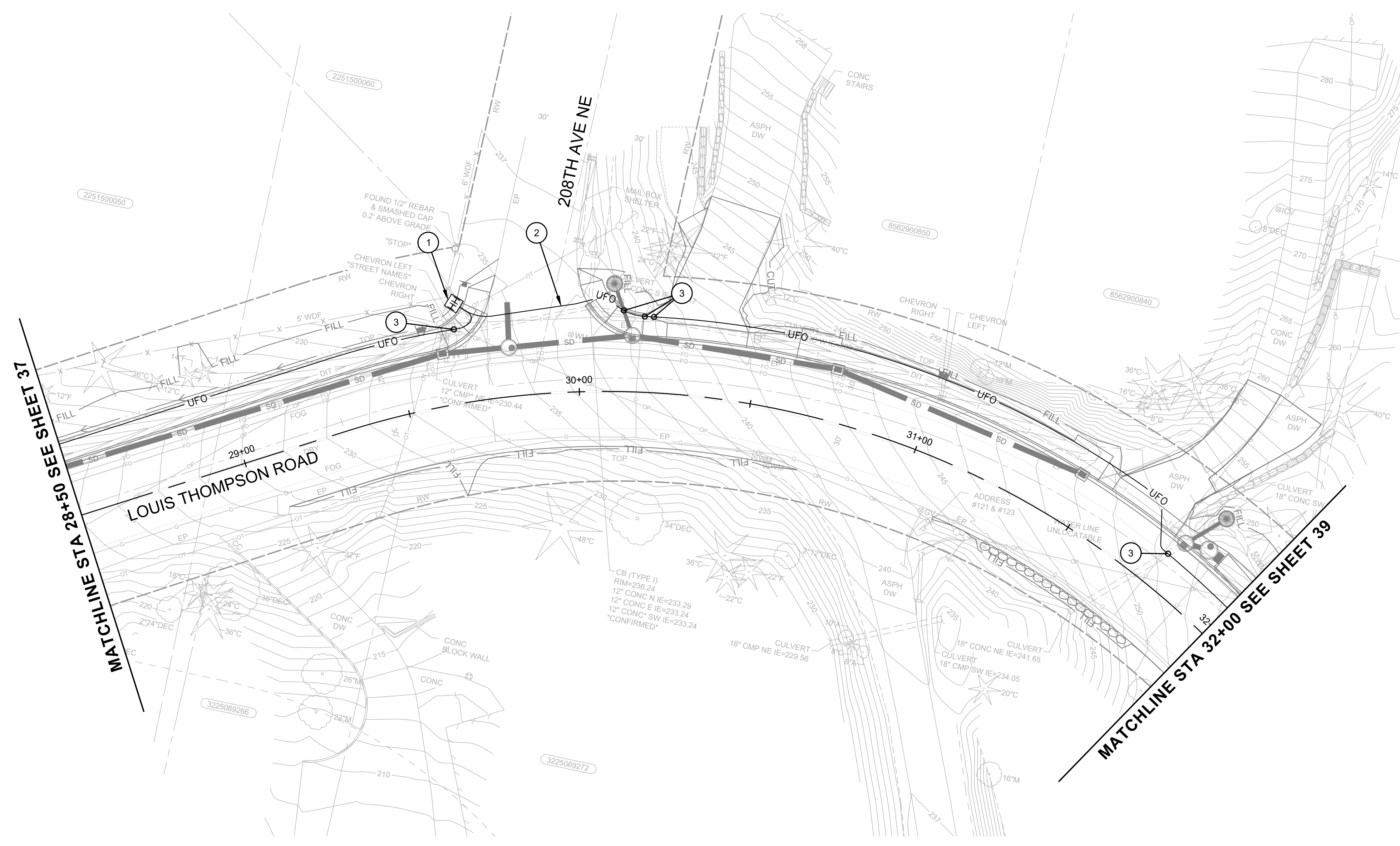
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**LEGEND**

- UFO— UNDERGROUND FIBER OPTIC CONDUIT
- ⌘ HAND HOLE



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USER NAME: LAURA TURNIDGE

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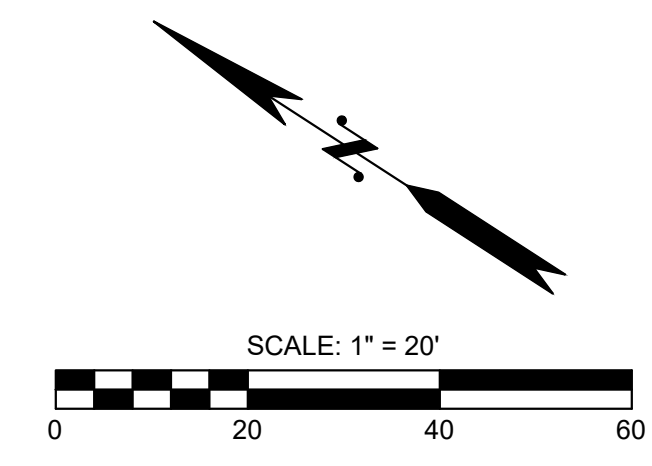
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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>CO06</b>
SHEET 38 of 101	





**GENERAL NOTES:**

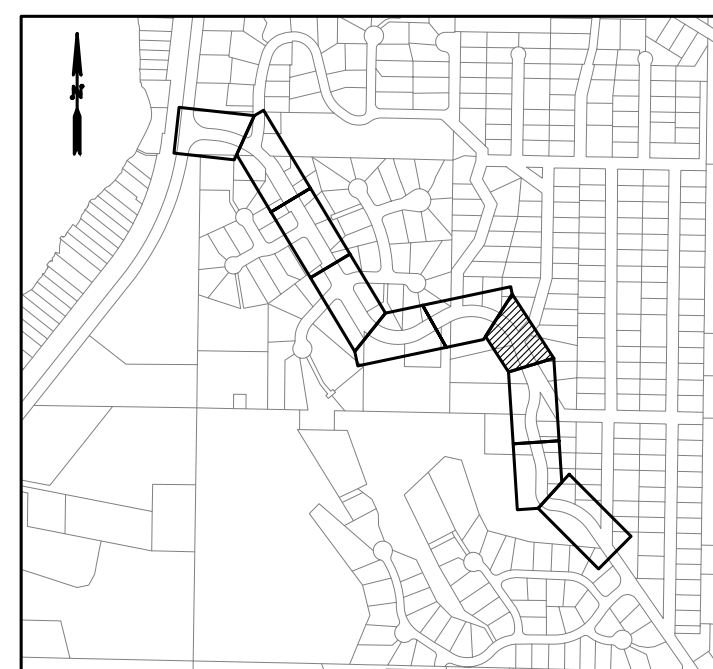
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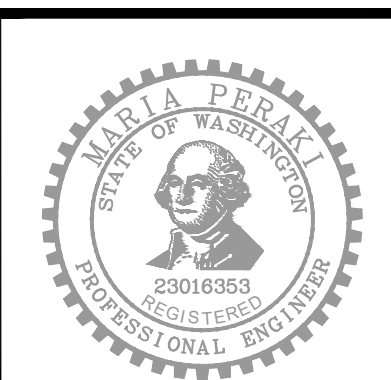
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**LEGEND**

- UFO— UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



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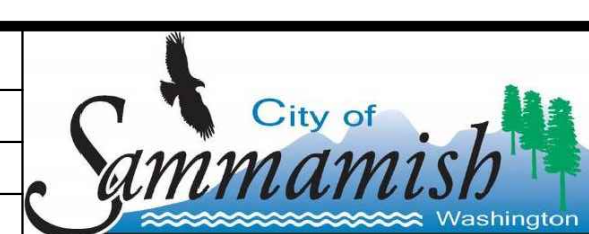


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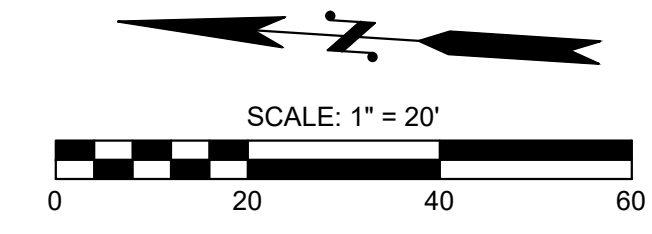


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>CO07</b> SHEET 39 of 101

FILE NAME: C:\PW\OCL\WORKINGDIROS\OSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\DWG\265661P\_10-210058\_COMM.DWG  
PLOT TIME: 8/23/2023 2:39 PM  
USER NAME: LAURA TURNIDGE





**GENERAL NOTES:**

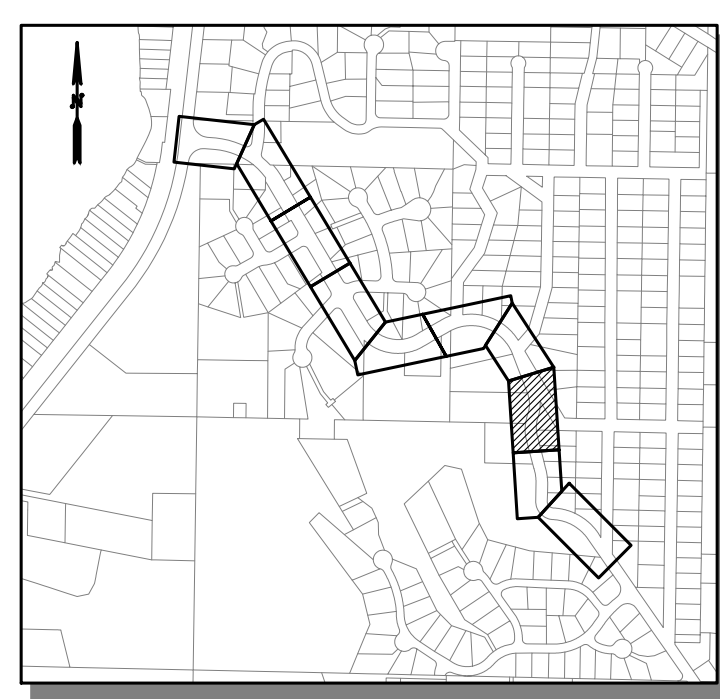
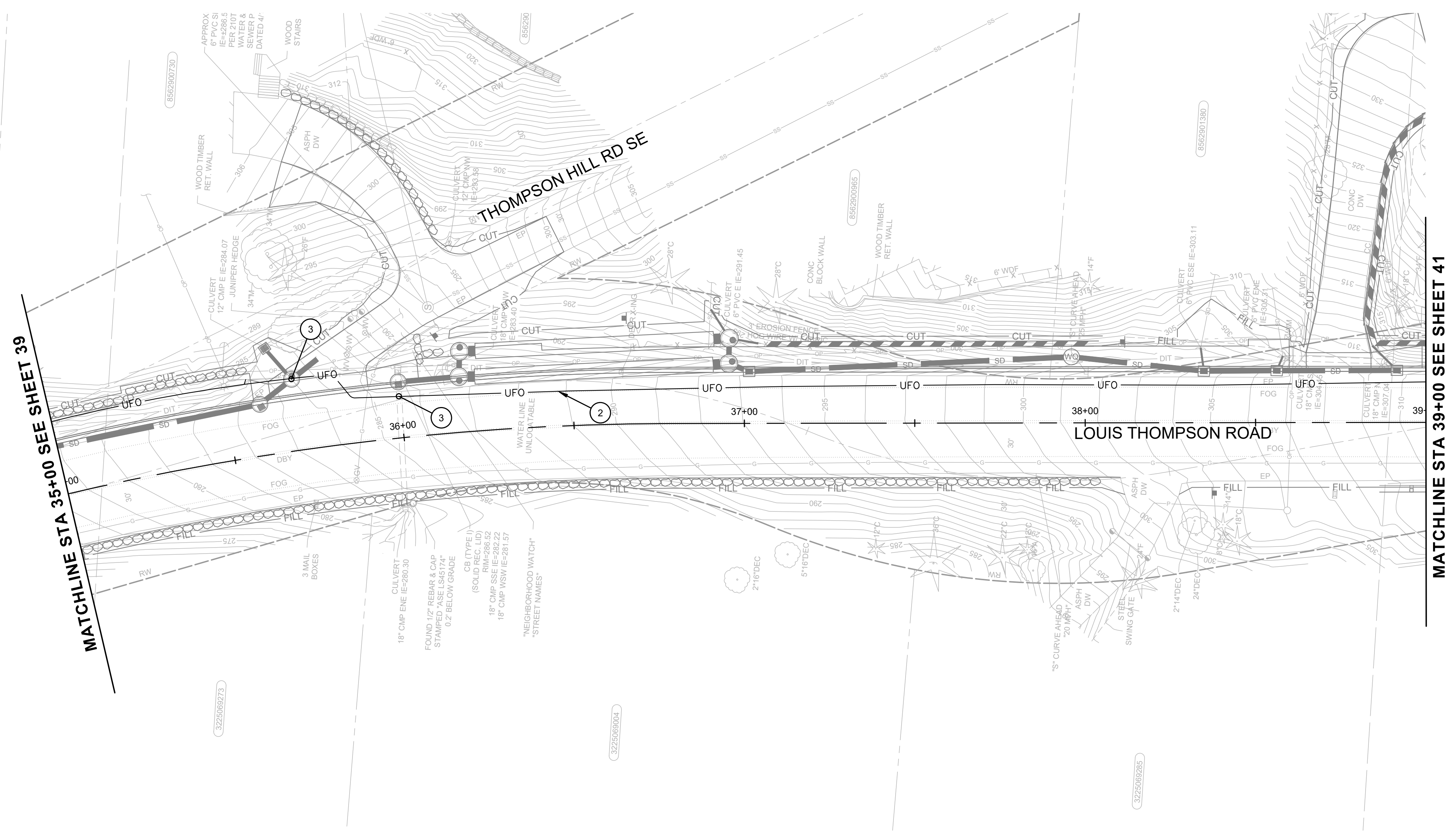
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**LEGEND**

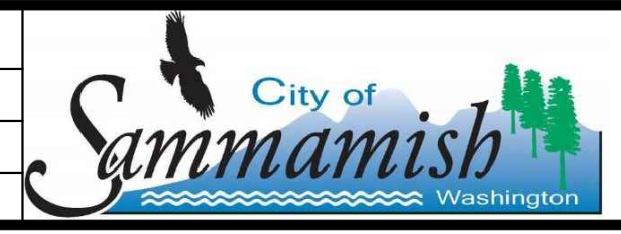
- UFO— UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>CO08</b> SHEET 40 of 101

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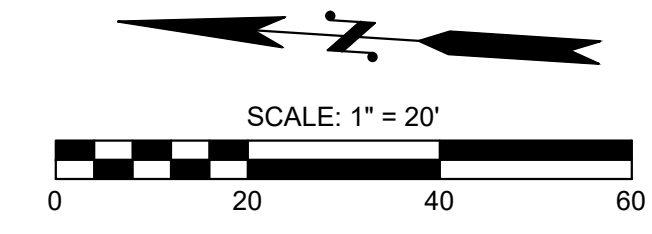


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PLOT TIME: 8/23/2023 2:39 PM  
USER NAME: LAURA TURNIDGE





**GENERAL NOTES:**

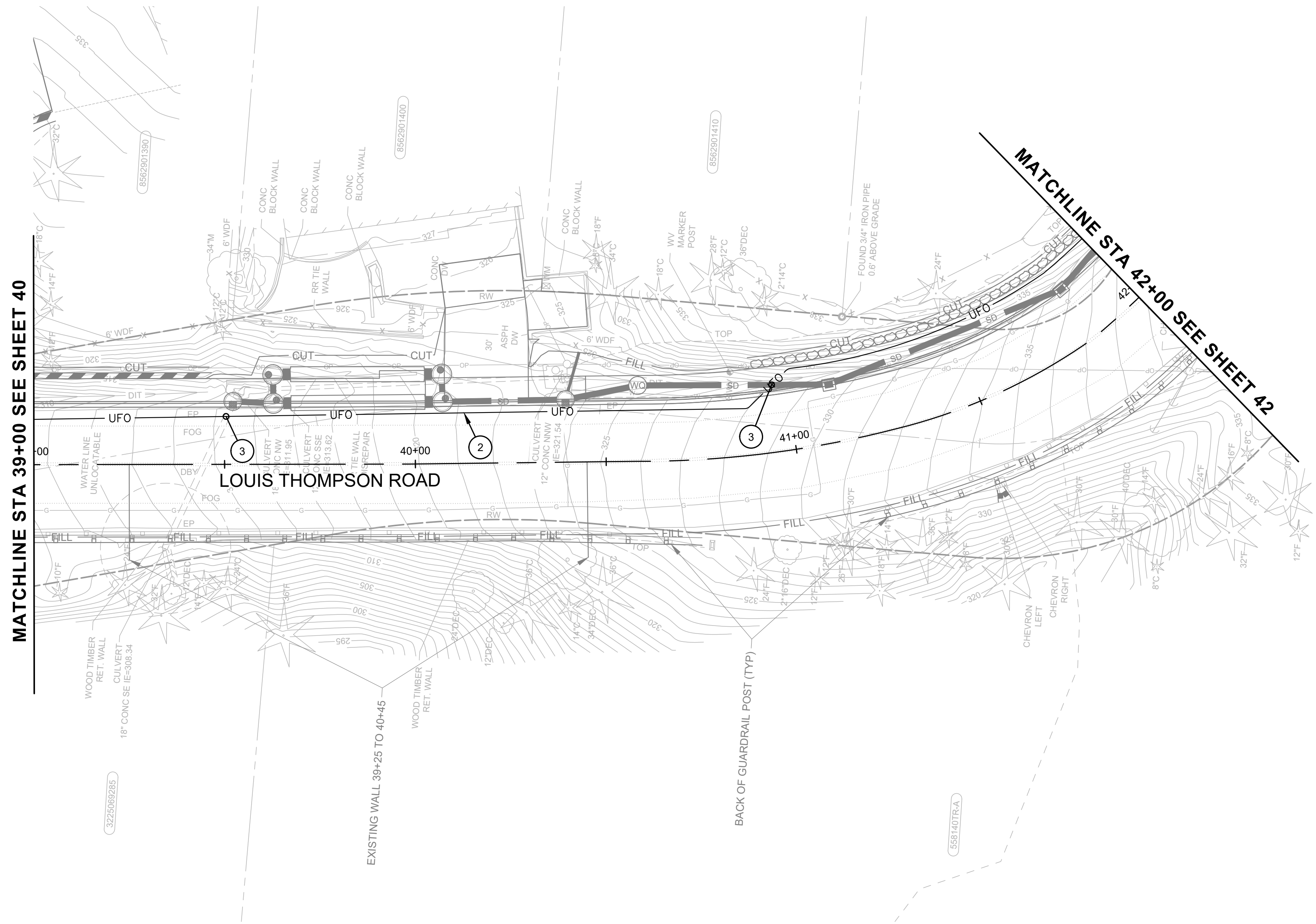
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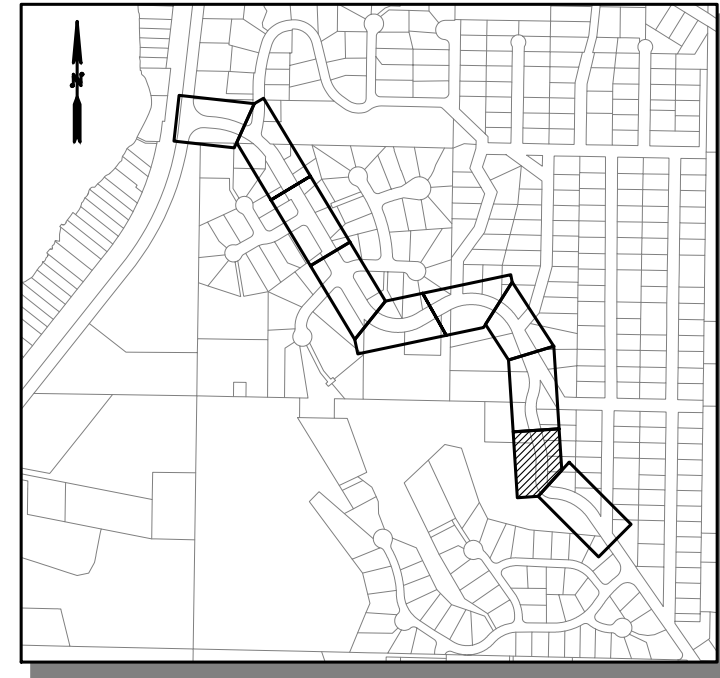
- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



MATCHLINE STA 39+00 SEE SHEET 40

MATCHLINE STA 42+00 SEE SHEET 42

LOUIS THOMPSON ROAD



KEY MAP

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PLOT TIME: 8/23/2023 2:39 PM  
USER NAME: LAURA TURNDIGE

DESIGNED BY: MP  
DRAWN BY: LT/LO/FJ  
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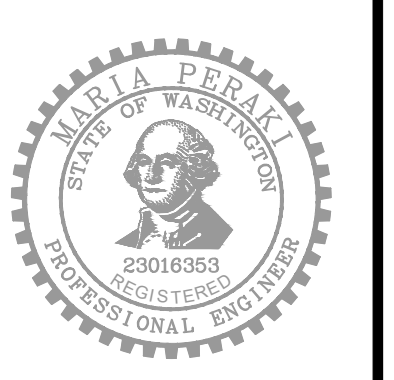
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	<b>CO09</b> SHEET 41 of 101

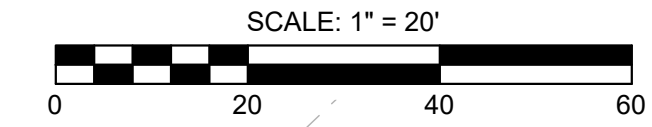
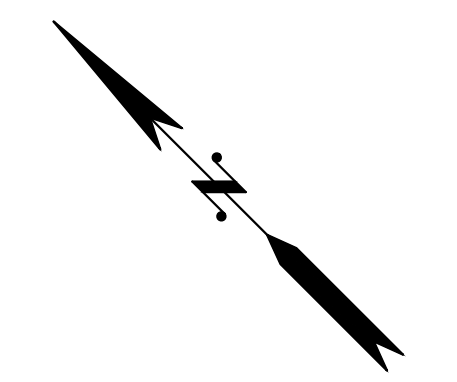
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**GENERAL NOTES:**

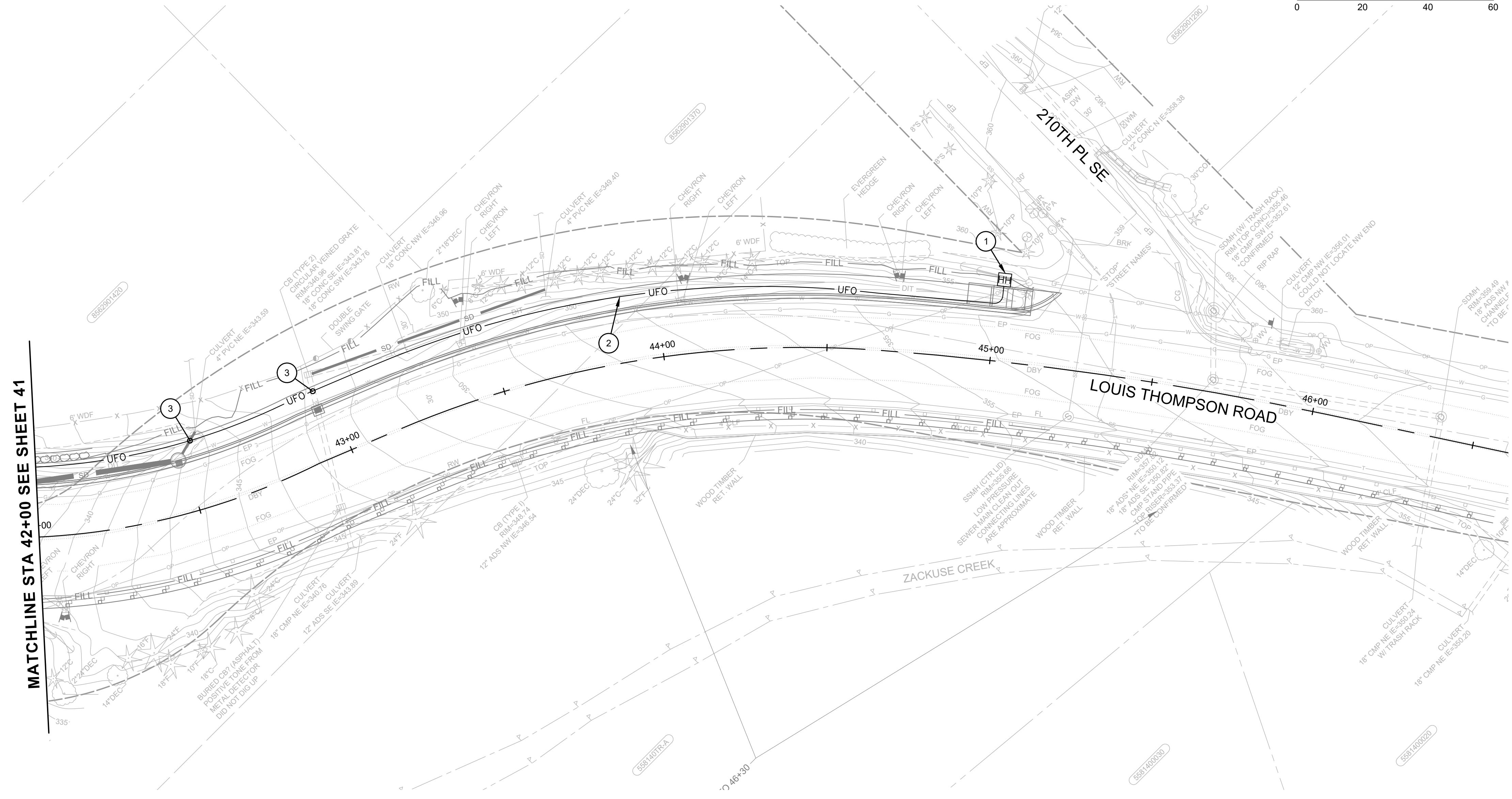
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8. WHEN TRENCHING AND RESTORATION IS COMPLETE, ALL ROCKS AND DEBRIS SHALL BE HAULED OFF AND LEGALLY DISPOSED.

**CONSTRUCTION NOTES:**

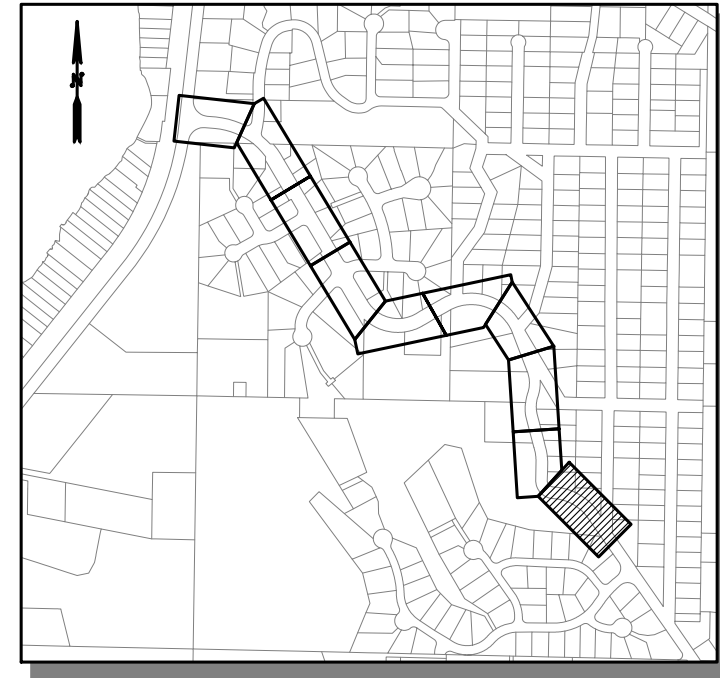
1. INSTALL PRECAST CONCRETE HANDHOLE (48"x48"x24") WITH HINGED ANTI-SLIP PLATE/LOCKING DEVICE COVER. SEE TYPICAL TRENCH AT HANDHOLE DETAIL ON SHEET 43.
2. INSTALL TWO 3-INCH SCHEDULE 40 PVC CONDUITS WITH LOCATABLE WIRE FOR FUTURE FIBER OPTIC CABLE PER DETAILS ON SHEET 43.
3. CAUTION: UTILITY CROSSING. IF IN CONFLICT, INSTALL AROUND OBSTRUCTION PER DETAIL ON SHEET 43.

**LEGEND**

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



MATCHLINE STA 42+00 SEE SHEET 41



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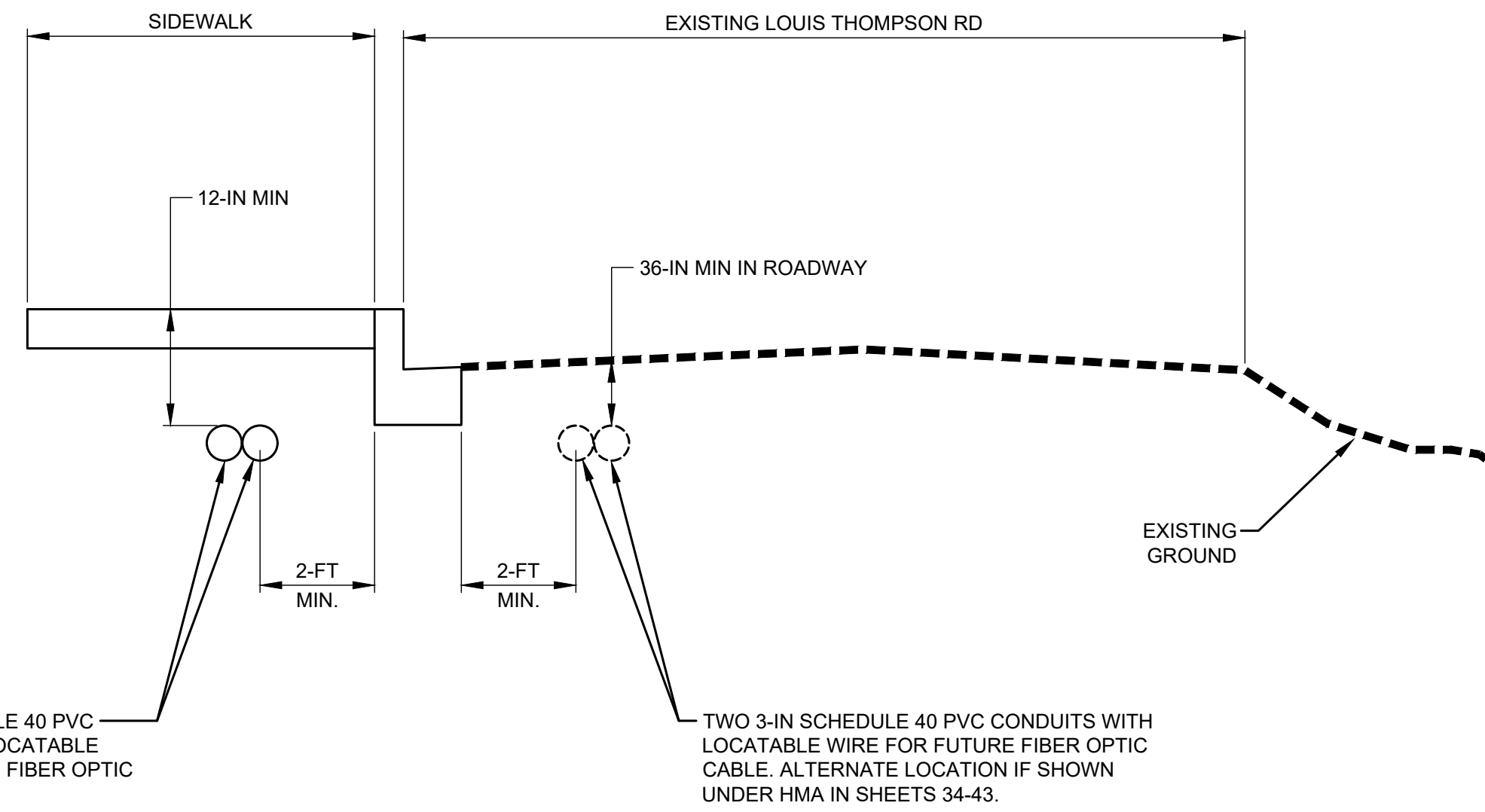
90% SUBMITTAL (NOT FOR CONSTRUCTION)

DESIGNED BY MP DRAWN BY LT/LO/FJ CHECKED BY LR	<b>Osborn Consulting, Inc.</b> Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	NO.    DATE    REVISION    BY		<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH <b>COMMUNICATION CONDUITS PLAN</b>	JOB# / DWG 10-210058 SCALE H: 1"=20'    V: N/A	DATE 08/25/2023 <b>CO10</b> SHEET 42 of 101
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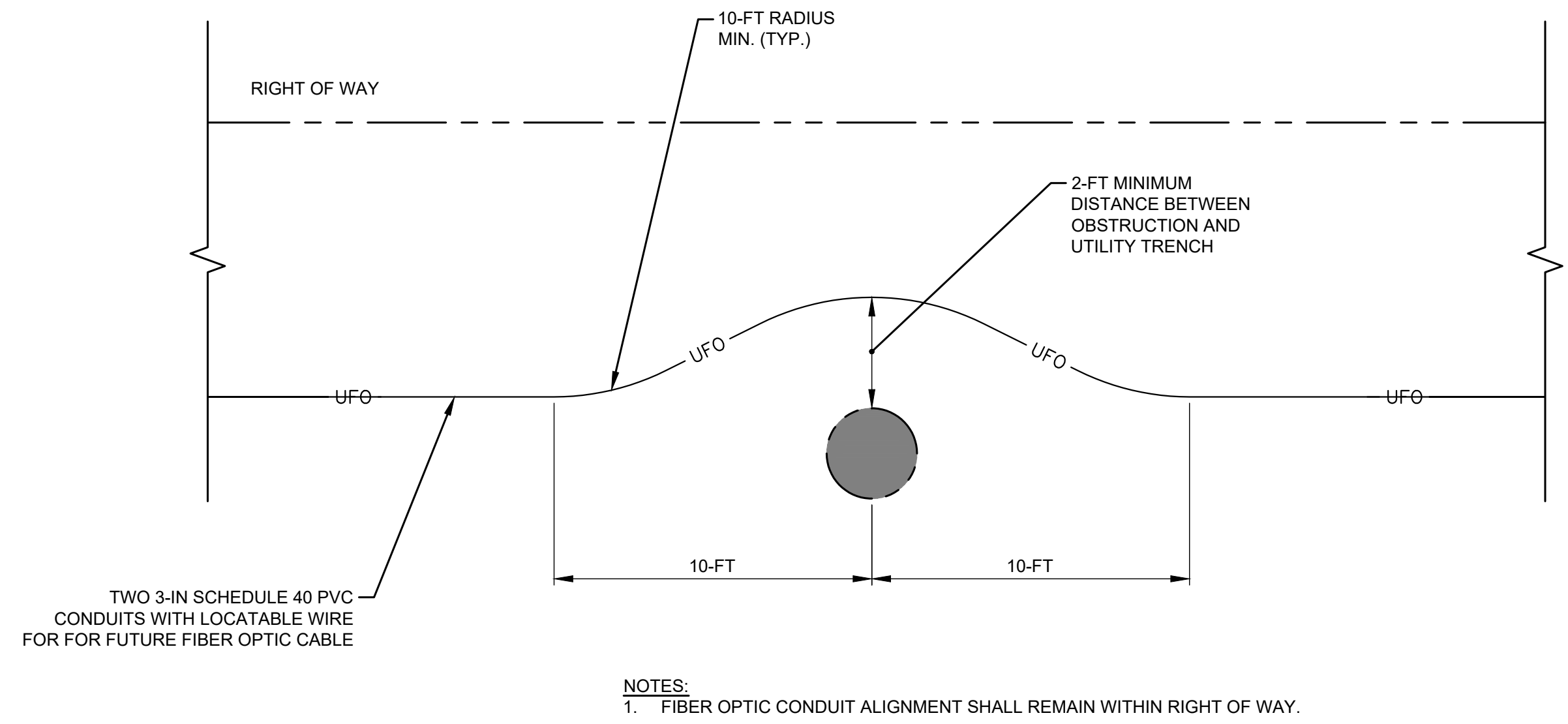
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 PLOT TIME: 8/23/2023 2:39 PM  
 USER NAME: LAURA TURNIDGE



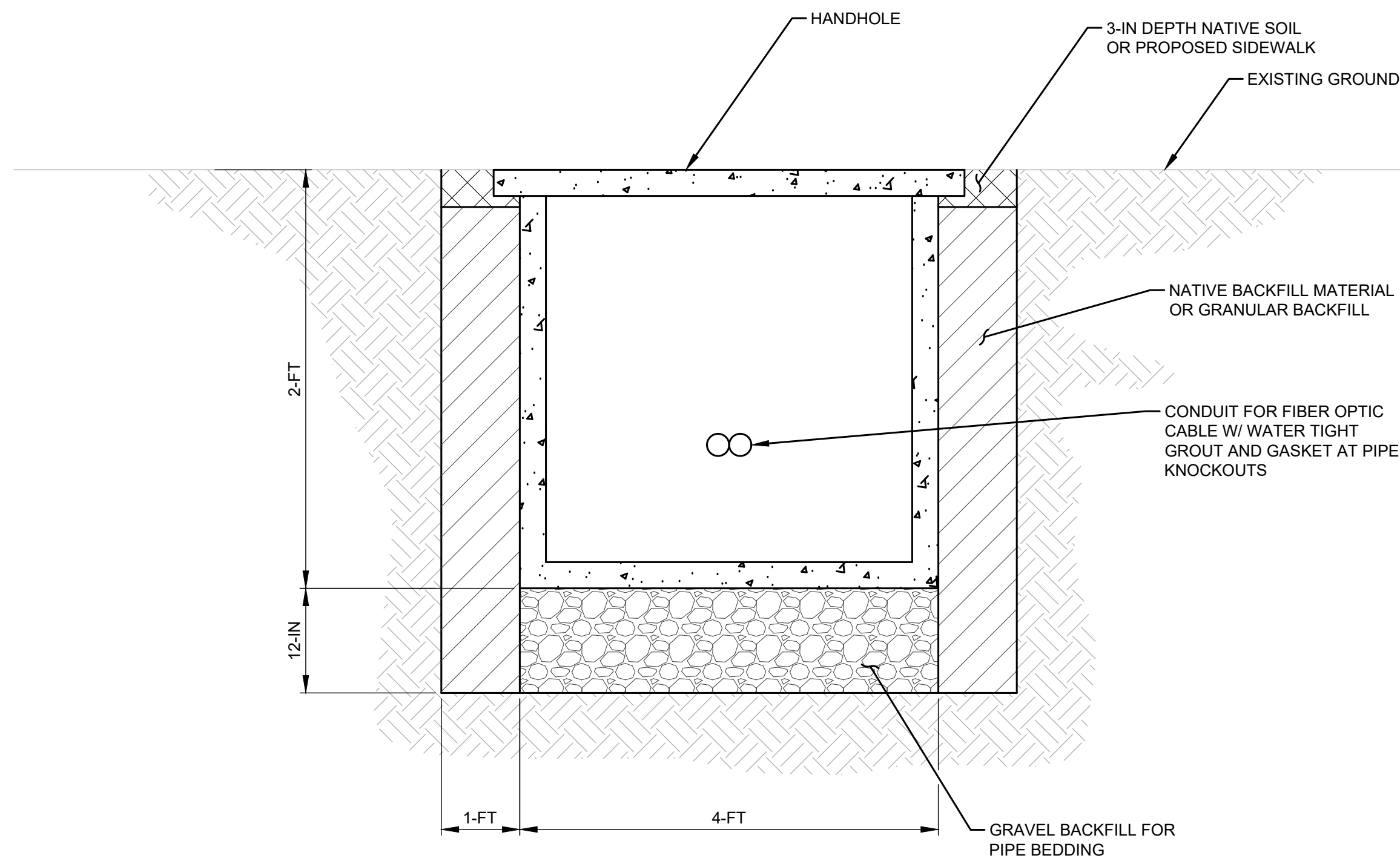
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 PLOT TIME: 8/23/2023 2:39 PM  
 USER NAME: LAURA TURNDIGE



**1 LONGITUDINAL COVERAGE DETAIL**  
 33-42 N.T.S.

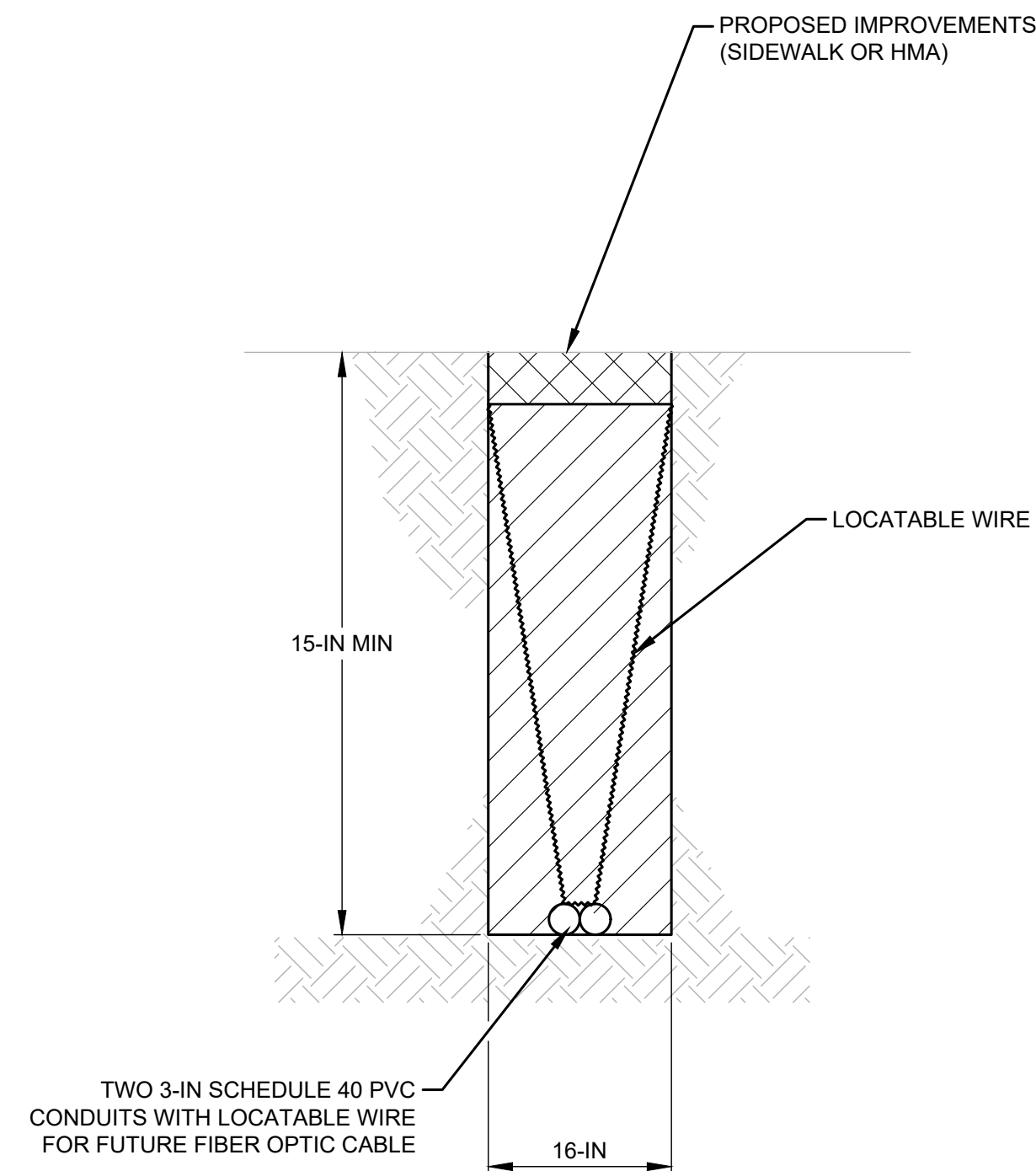


**3 INSTALLATION AROUND OBSTRUCTION**  
 33-42 N.T.S.



NOTES:  
 1. SLOPE GROUND AWAY FROM HANDHOLE.  
 2. ALL BURIED HANDHOLES TO BE PLACED NO CLOSER THAN 6-FT FROM UTILITY POLES.

**2 TYPICAL TRENCH AT HANDHOLE**  
 33-42 N.T.S.



**4 TYPICAL TRENCHING SECTION**  
 N.T.S.

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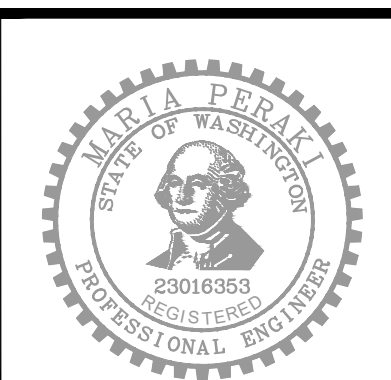
DESIGNED BY MP	<p><b>Osborn Consulting, Inc.</b>                  Bellevue   Seattle   Spokane   Bellingham                  www.osbornconsulting.com</p>	NO.	DATE	REVISION	BY
DRAWN BY LT/LO/FJ					
CHECKED BY LR					

NO.	DATE	REVISION	BY



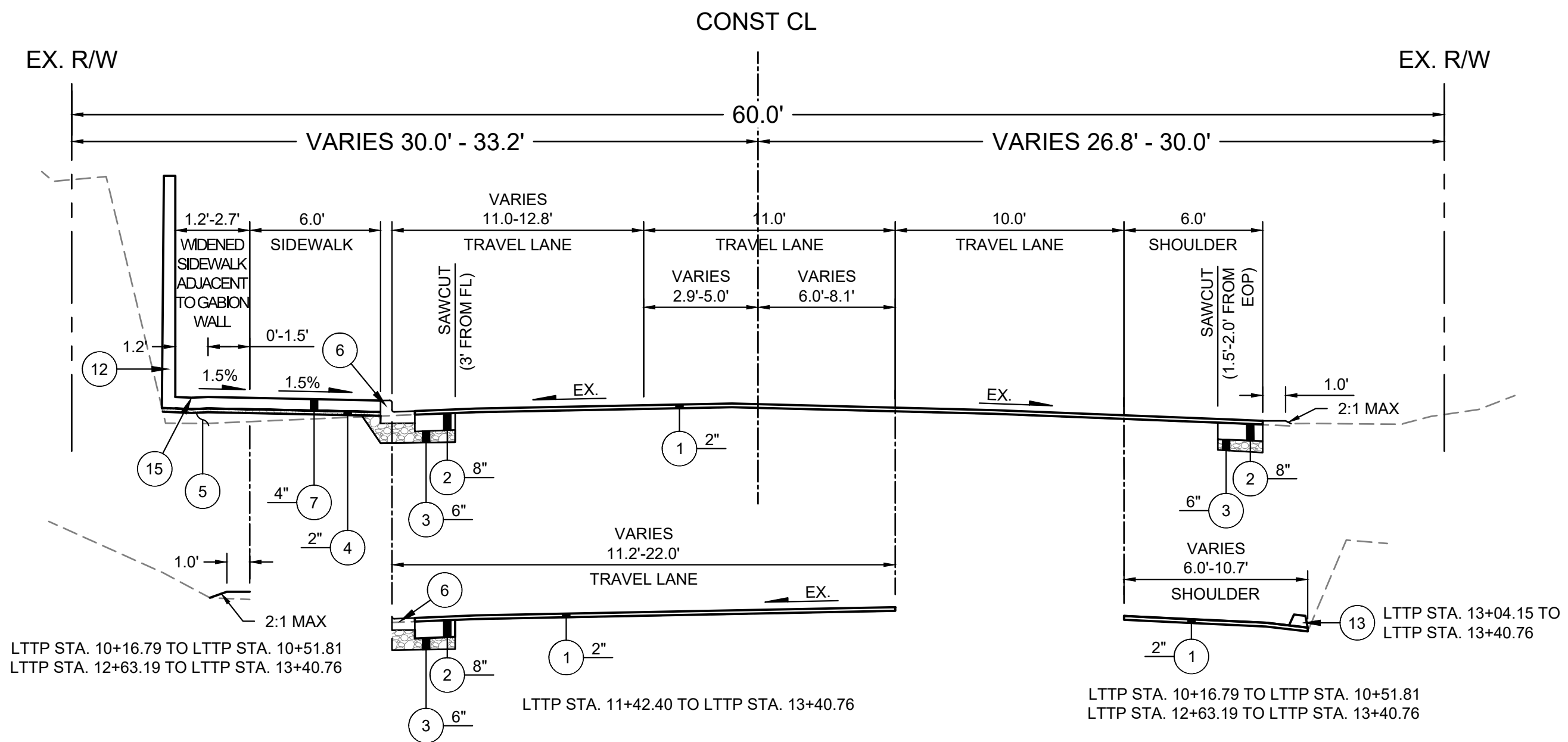
**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**COMMUNICATION CONDUITS DETAILS**

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: N/A V: N/A	<b>CO11</b> SHEET 43 of 101

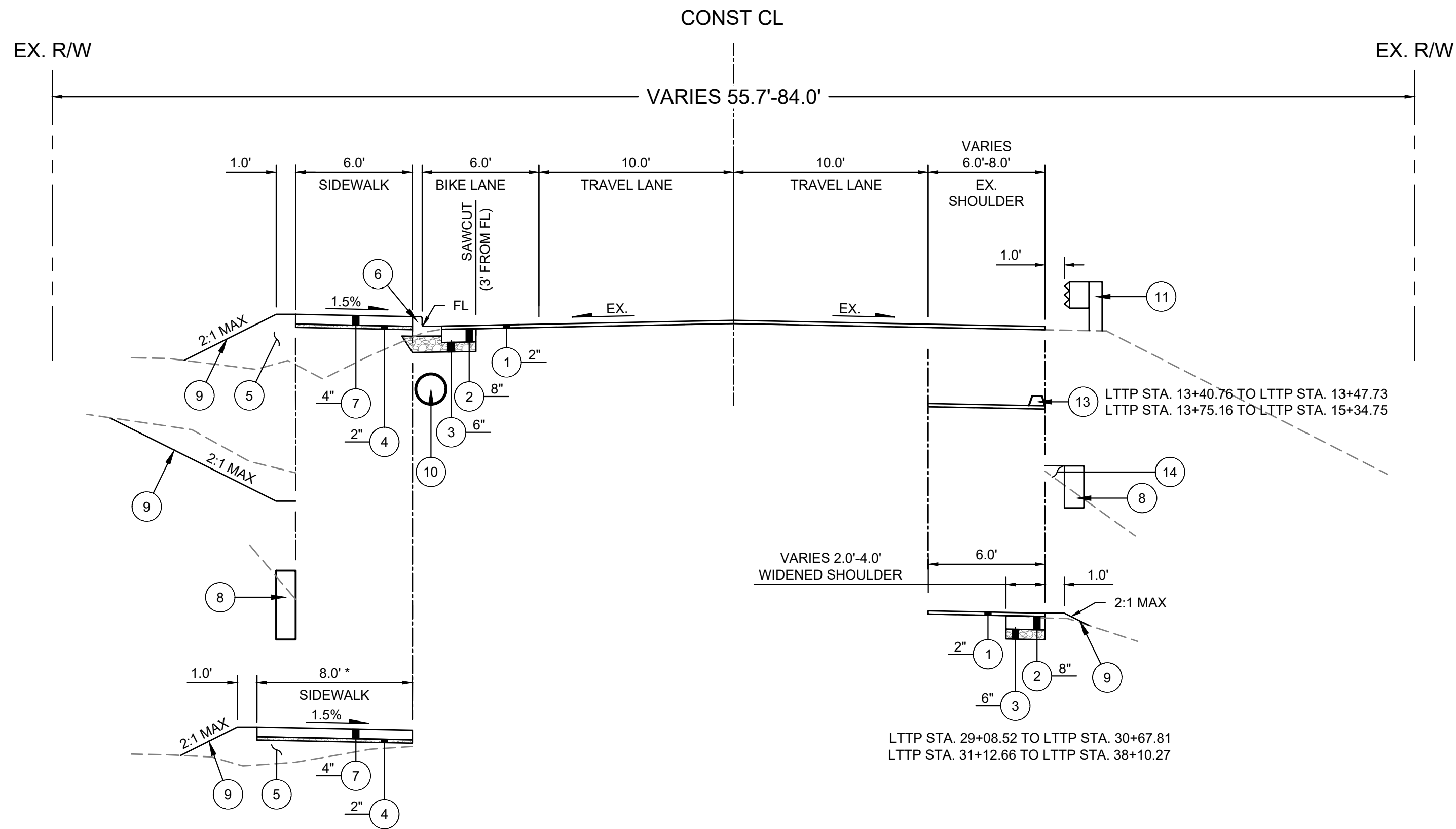




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 PLOT TIME: 8/23/2023 2:39 PM  
 USER NAME: LAURA TURNDIGE



**LOUIS THOMPSON RD - TYPICAL SECTION 1**  
 NOT TO SCALE  
 LTTT STA. 10+16.79 TO LTTT STA. 13+40.76



**LOUIS THOMPSON RD - TYPICAL SECTION 2**  
 NOT TO SCALE  
 LTTT STA. 13+40.76 TO LTTT STA. 45+18.29

\* SIDEWALK WIDENED FOR TRASH BIN COLLECTION, SEE NON-MOTORIZED IMPROVEMENT PLAN FOR LOCATION

- GENERAL NOTES:**
- SEE SHEETS RD01-RD10 FOR NON-MOTORIZED IMPROVEMENT PLAN.
  - SEE SHEETS WL01-WL09 FOR WALL PLAN AND PROFILES.
  - SEE SHEETS DR01-DR10 FOR STORM DRAINAGE PLAN AND PROFILES.

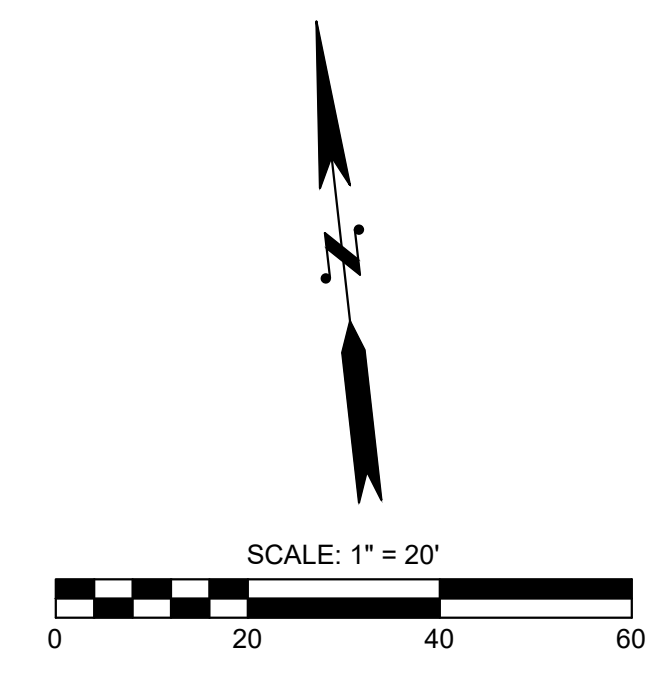
- CONSTRUCTION NOTES:**
- HMA PG 58H-22 (OVERLAY)
  - HMA PG 58H-22 (2" MAX. LIFTS)
  - CRUSHED SURFACING BASE COURSE (CSBC)
  - CRUSHED SURFACING TOP COURSE (CSTC)
  - GRAVEL BORROW
  - TYPE A CURB AND GUTTER PER C.O.S. FIG 03-8A
  - CEMENT CONCRETE SIDEWALK PER C.O.S. FIG 03-06
  - RETAINING WALL, SEE WALL PLAN AND PROFILE SHEETS FOR LOCATIONS AND TYPE.
  - LANDSCAPE RESTORATION, SEE DETAIL 2 ON SHEET 55
  - STORM DRAIN PIPE, SEE STORM DRAINAGE PLAN AND PROFILE SHEETS FOR TYPE AND LOCATION
  - GUARDRAIL, SEE ROADWAY PLAN FOR TYPE AND LOCATION
  - CONCRETE FASCIA INSTALLED ON EXISTING GABION WALL, SEE SHEET 101
  - EXTRUDED CURB TYPE 5 PER C.O.S. FIG 03-08
  - GRAVEL BACKFILL FOR WALL, SEE WALL DETAIL SHEETS
  - SIDEWALK DRAINAGE, SEE DETAIL 1 ON SHEET 55

90% SUBMITTAL (NOT FOR CONSTRUCTION)



DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	<b>OSBORN CONSULTING INCORPORATED</b> Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	<b>DAVID EVANS AND ASSOCIATES INC.</b>	NO.    DATE    REVISION    BY		<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH TYPICAL SECTIONS	JOB# / DWG 10-210058 SCALE H: N/A    V: N/A	DATE 08/25/2023 XS01 SHEET 44 of 101
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**GENERAL NOTES:**

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 44 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
4. SEE SHEET 18 TO 32 FOR STORM DRAINAGE PLAN AND PROFILES.
5. SEE SHEETS 56 TO 65 FOR CHANNELIZATION AND SIGNING PLAN.
6. SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
7. SEE SHEETS 67 TO 73 FOR DRIVEWAY PLAN AND PROFILES.
8. SEE SHEETS 76 TO 81 FOR ADA CURB RAMP PLANS.
9. STATION AND OFFSET PROVIDED IS TO THE FACE OF W-BEAM FOR GUARDRAIL.
10. ALL UTILITIES IN SIDEWALKS, CURB RAMPS AND PEDESTRIAN ACCESS ROUTES SHALL BE ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.

**## CONSTRUCTION NOTES:**

1. CONSTRUCT FULL DEPTH HMA PAVEMENT 2" MIN. FROM EDGE OF EXISTING ROADWAY OR EDGE OF GUTTER, SEE TYPICAL SECTIONS ON SHEET 44.
2. CONSTRUCT 0.17" HMA PAVEMENT OVERLAY.
3. CONSTRUCT TYPE A CURB AND GUTTER PER C.O.S. FIG. 03-8A.
4. CONSTRUCT CEMENT CONCRETE SIDEWALK PER C.O.S. FIG. 03-06.
5. CONSTRUCT CURB RAMP PER C.O.S. FIG. 02-07 AND FIG. 02-08.
6. CONSTRUCT CEMENT CONCRETE DRIVEWAY TYPE 1 PER WSDOT STD. PLAN F-80.10.
7. CONSTRUCT DRIVEWAY PER DRIVEWAY PLAN AND PROFILE, SHEETS 67-73.
8. CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG. 03-07.
9. CONSTRUCT MODULAR BLOCK RETAINING WALL PER WALL PLAN AND PROFILES.
10. CONSTRUCT SOLDIER PILE WALL PER WALL PLAN AND PROFILES.
11. CONSTRUCT BEAM GUARDRAIL TYPE 31 PER WSDOT STD. PLAN C-20.10. POSTS SHALL BE 9-FT LONG.
12. CONSTRUCT BEAM GUARDRAIL ANCHOR TYPE 11 PER WSDOT STD. PLAN C-23.70 WITH DESIGN C END CONDITION PER WSDOT STD. PLAN C-7. STATION IS TO END SECTION BOLT CONNECTION.
13. CONSTRUCT BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (MSKT-SP-MGS (TL3)) PER WSDOT STD. PLAN C-22.40.
14. CONSTRUCT 8' WIDE CEMENT CONCRETE SIDEWALK FOR TRASH BINS PER C.O.S. FIG. 03-06.
15. CONSTRUCT EXTRUDED CURB TYPE 5 PER C.O.S FIG. 03-08.
16. CONSTRUCT 6" COMPACTED CSBC.
17. CONSTRUCT MAILBOX STAND AND FOUNDATION FOR RELOCATED MAILBOX CLUSTER PER C.O.S. FIG. 05-05. SCORE SIDEWALK FOR ADA PER DETAIL ON SHEET 55.
18. CONSTRUCT SIDEWALK DRAINAGE PER DETAIL ON SHEET 55.
19. CONSTRUCT GABION WALL FASCIA PER DETAIL ON SHEET 101.
20. CONSTRUCT COATED CHAIN LINK FENCE AND POSTS PER WSDOT STD. PLAN L-20.10.

**LEGEND**

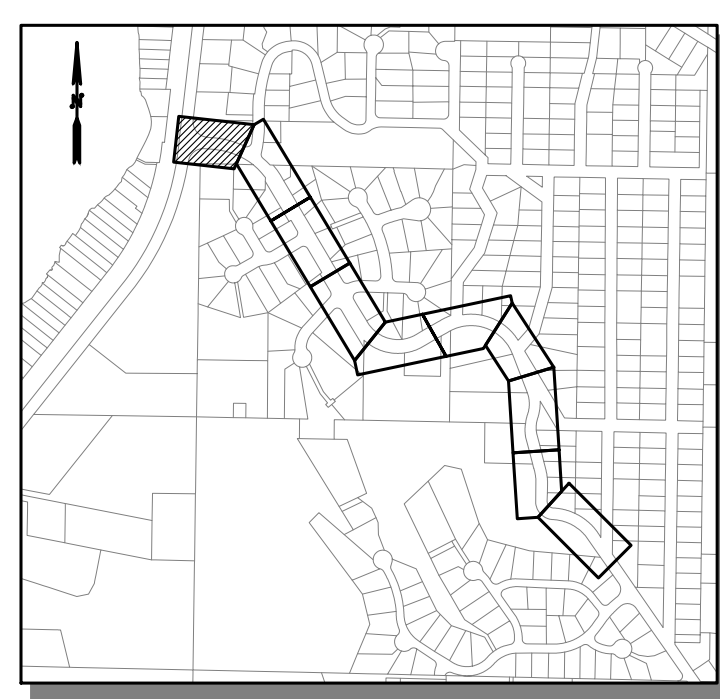
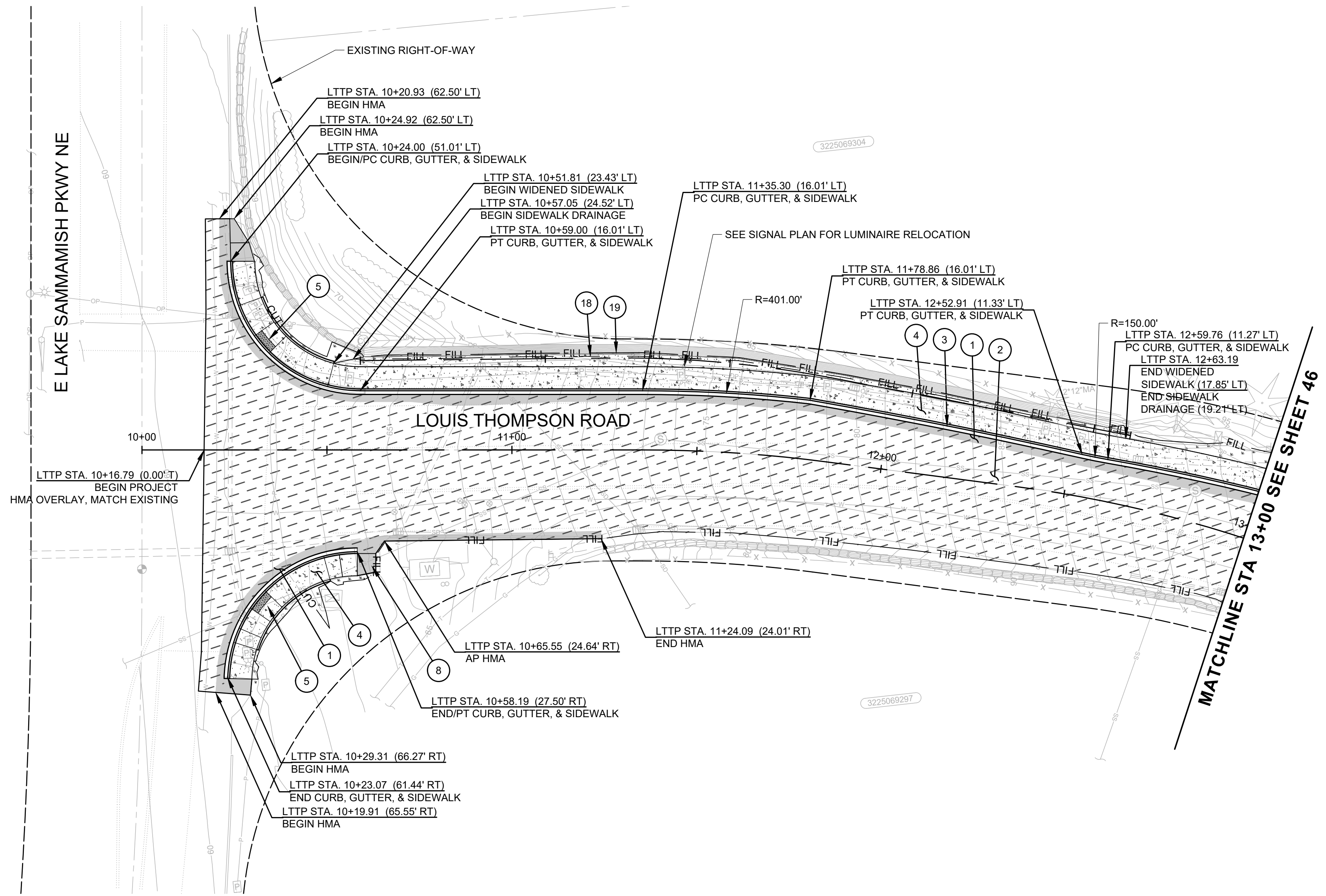
- FILL / CUT SLOPES
- PROPOSED GRAVITY BLOCK RETAINING WALL
- PROPOSED SOLDIER PILE WALL
- SAWCUT
- CHAIN LINK FENCE
- DETECTABLE WARNING PATTERN
- HMA PAVEMENT (FULL DEPTH)
- HMA OVERLAY LIMITS
- CEMENT CONCRETE SIDEWALK / DRIVEWAY APPROACH / PAVEMENT
- GRAVEL (CSBC)
- LANDSCAPE RESTORATION AREA
- PROPOSED MAILBOX LOCATION



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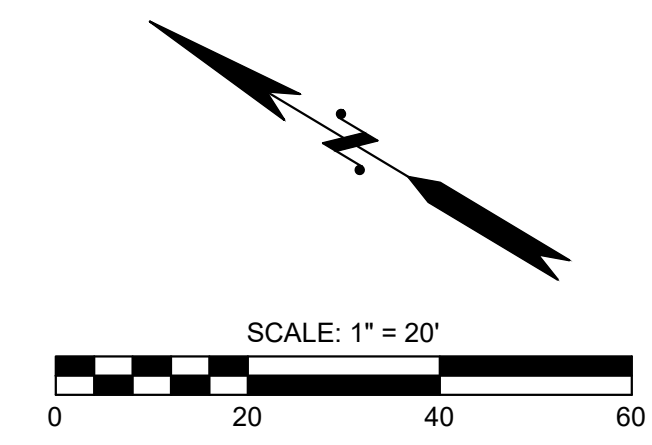
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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01\LAURA TURNIDGE\MS265661P\_10-210058\_ROAD.DWG  
 PLOT TIME: 8/23/2023 2:40 PM  
 USER NAME: LAURA TURNIDGE





**GENERAL NOTES:**

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 44 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
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18. CONSTRUCT SIDEWALK DRAINAGE PER DETAIL ON SHEET 55.
19. CONSTRUCT GABION WALL FASCIA PER DETAIL ON SHEET 101.
20. CONSTRUCT COATED CHAIN LINK FENCE AND POSTS PER WSDOT STD. PLAN L-20.10.

**LEGEND**

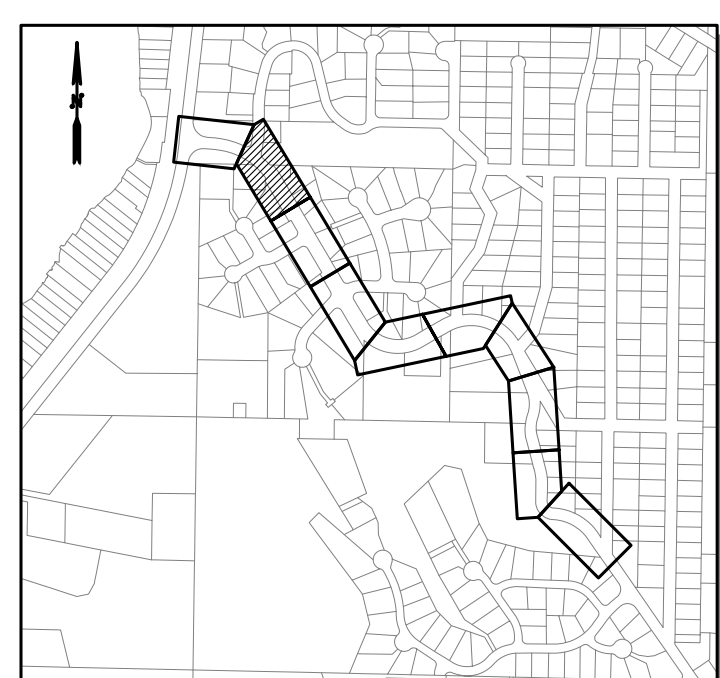
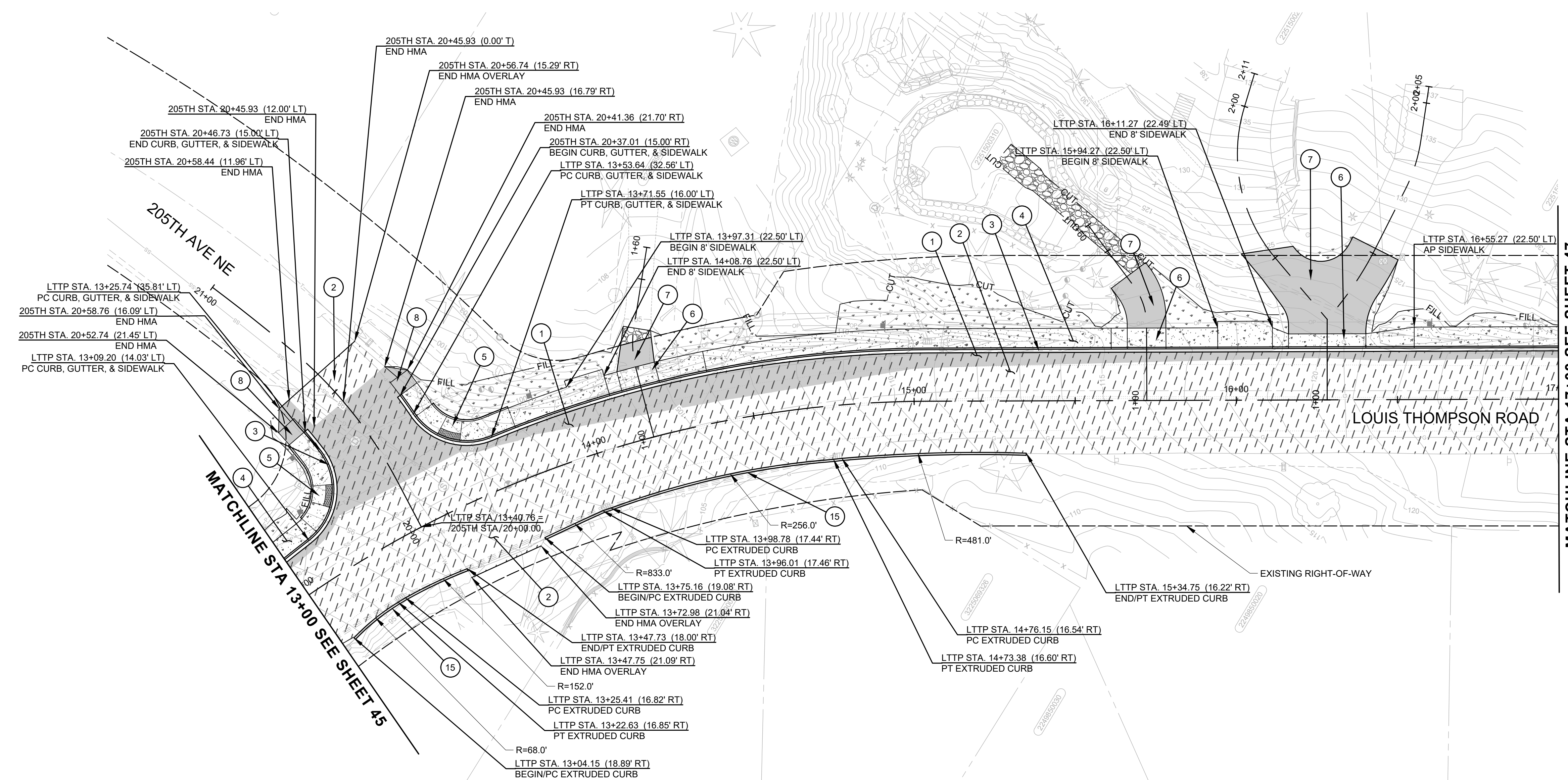
- FILL / CUT SLOPES
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- GRAVEL (CSBC)
- LANDSCAPE RESTORATION AREA
- PROPOSED MAILBOX LOCATION



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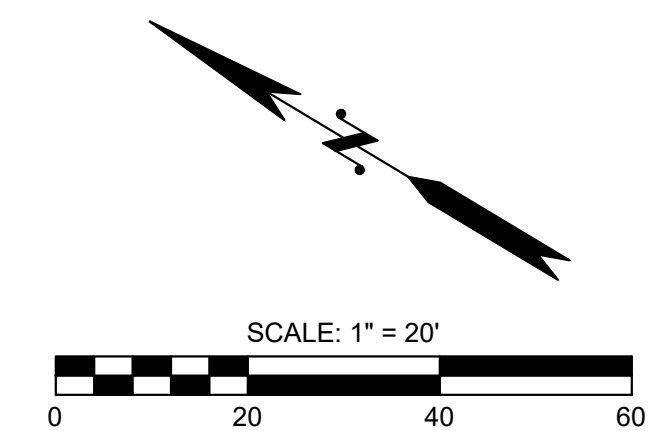
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FILE NAME: C:\P\O\O\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\LAURA TURNDIGE\MS265661P\_10-210058\_ROAD.DWG  
 PLOT TIME: 8/23/2023 2:40 PM  
 USER NAME: LAURA TURNDIGE





**GENERAL NOTES:**

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2. SEE SHEET 44 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
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**## CONSTRUCTION NOTES:**

1. CONSTRUCT FULL DEPTH HMA PAVEMENT 2" MIN. FROM EDGE OF EXISTING ROADWAY OR EDGE OF GUTTER, SEE TYPICAL SECTIONS ON SHEET 44.
2. CONSTRUCT 0.17" HMA PAVEMENT OVERLAY.
3. CONSTRUCT TYPE A CURB AND GUTTER PER C.O.S. FIG. 03-8A.
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**LEGEND**

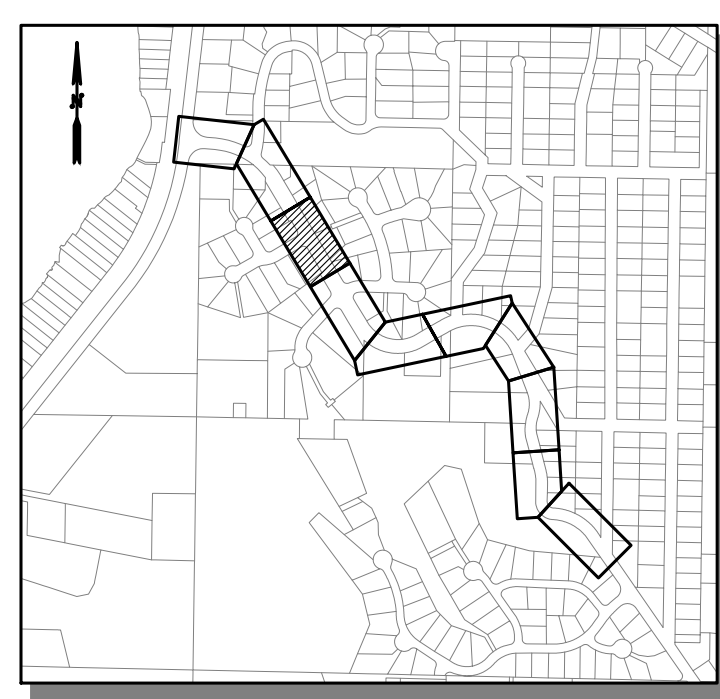
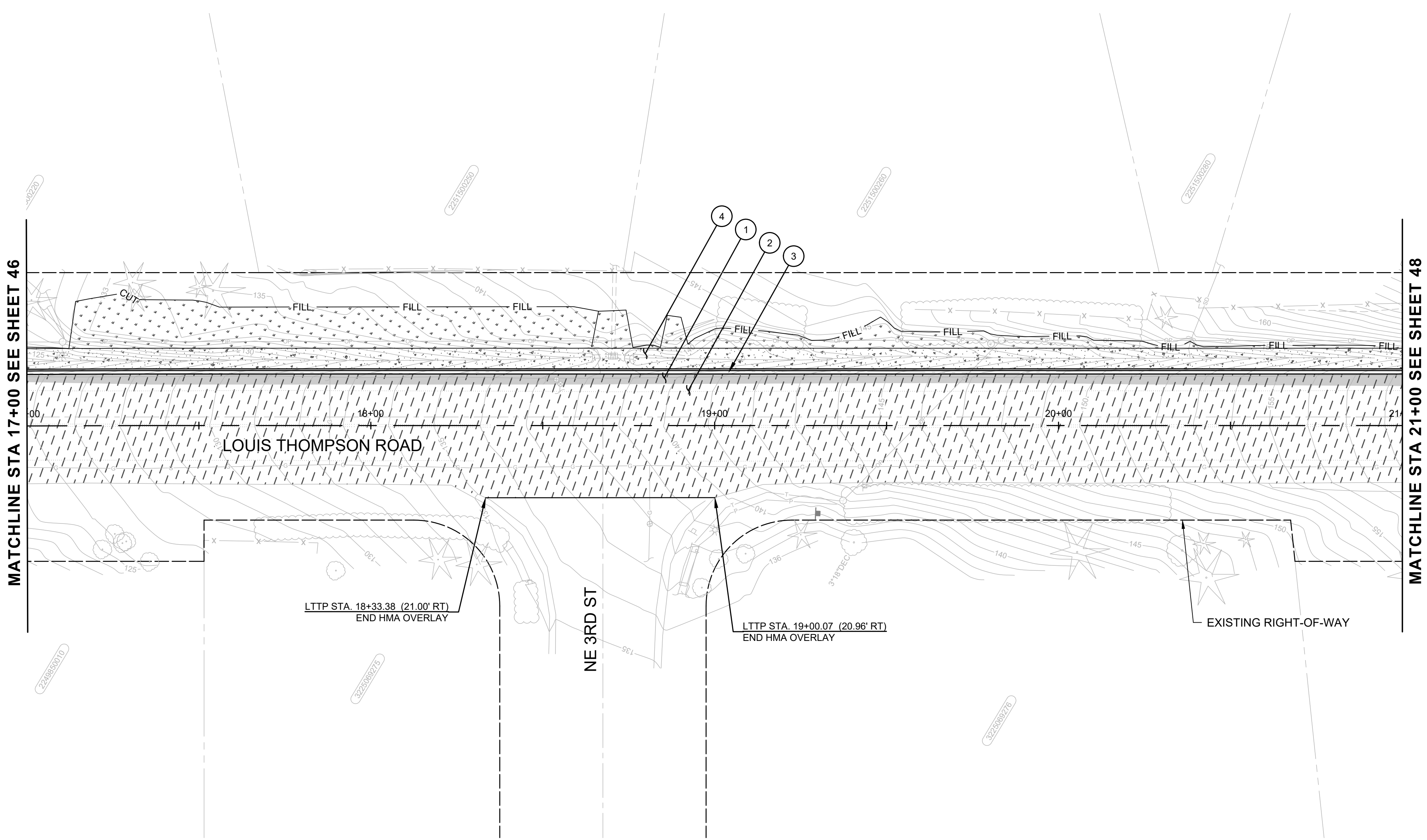
- FILL / CUT SLOPES
- CUT
- PROPOSED GRAVITY BLOCK RETAINING WALL
- PROPOSED SOLDIER PILE WALL
- SAWCUT
- CHAIN LINK FENCE
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- LANDSCAPE RESTORATION AREA
- PROPOSED MAILBOX LOCATION



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PLOT TIME: 8/23/2023 2:40 PM  
USER NAME: LAURA TURNDIGE

DESIGNED BY  
RAKO

DRAWN BY  
RAKO

CHECKED BY  
SBS

**OSBORN CONSULTING INCORPORATED**  
Bellevue | Seattle | Spokane | Bellingham  
www.osbornconsulting.com

**DAVID EVANS AND ASSOCIATES INC.**

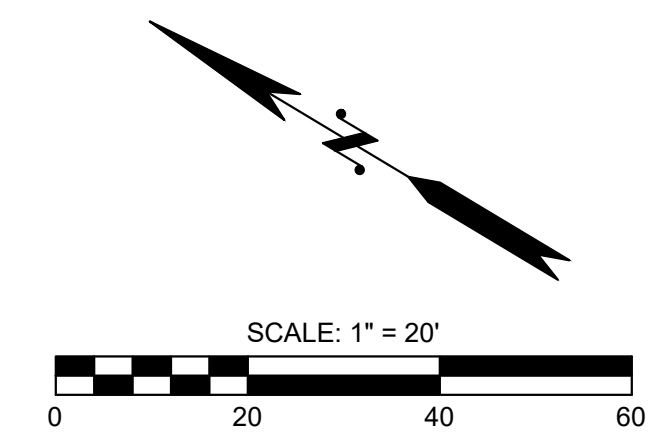
NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
NON-MOTORIZED IMPROVEMENT PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	RD03 SHEET 47 of 101





**GENERAL NOTES:**

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 44 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
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12. CONSTRUCT BEAM GUARDRAIL ANCHOR TYPE 11 PER WSDOT STD. PLAN C-23.70 WITH DESIGN C END CONDITION PER WSDOT STD. PLAN C-7. STATION IS TO END SECTION BOLT CONNECTION.
13. CONSTRUCT BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (MSKT-SP-MGS (TL3)) PER WSDOT STD. PLAN C-22.40.
14. CONSTRUCT 8' WIDE CEMENT CONCRETE SIDEWALK FOR TRASH BINS PER C.O.S. FIG. 03-06.
15. CONSTRUCT EXTRUDED CURB TYPE 5 PER C.O.S FIG. 03-08.
16. CONSTRUCT 6" COMPACTED CSBC.
17. CONSTRUCT MAILBOX STAND AND FOUNDATION FOR RELOCATED MAILBOX CLUSTER PER C.O.S. FIG. 05-05. SCORE SIDEWALK FOR ADA PER DETAIL ON SHEET 55.
18. CONSTRUCT SIDEWALK DRAINAGE PER DETAIL ON SHEET 55.
19. CONSTRUCT GABION WALL FASCIA PER DETAIL ON SHEET 101.
20. CONSTRUCT COATED CHAIN LINK FENCE AND POSTS PER WSDOT STD. PLAN L-20.10.

**LEGEND**

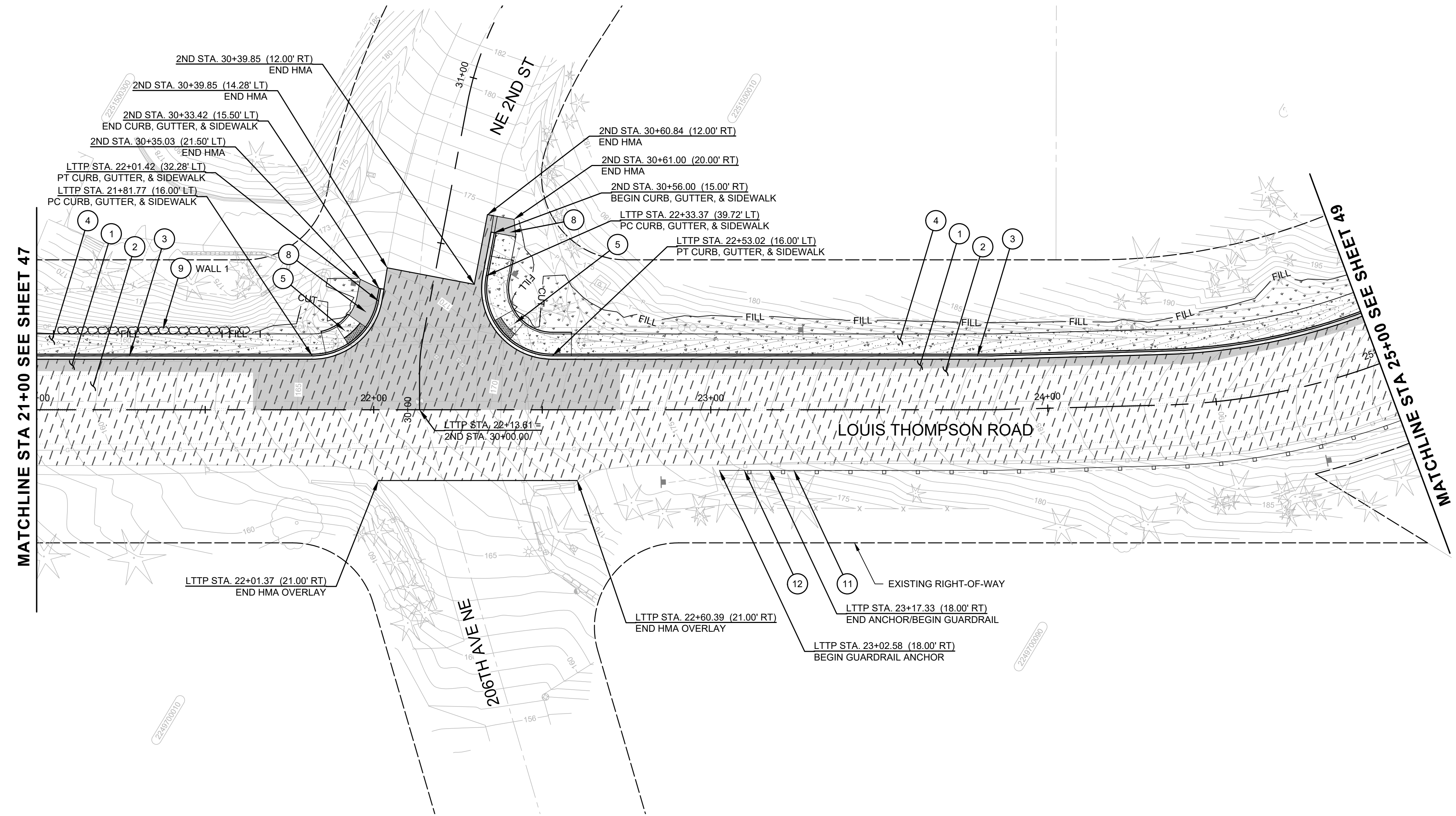
- FILL / CUT SLOPES
- PROPOSED GRAVITY BLOCK RETAINING WALL
- PROPOSED SOLDIER PILE WALL
- SAWCUT
- CHAIN LINK FENCE
- DETECTABLE WARNING PATTERN
- HMA PAVEMENT (FULL DEPTH)
- HMA OVERLAY LIMITS
- CEMENT CONCRETE SIDEWALK / DRIVEWAY APPROACH / PAVEMENT
- GRAVEL (CSBC)
- LANDSCAPE RESTORATION AREA
- PROPOSED MAILBOX LOCATION



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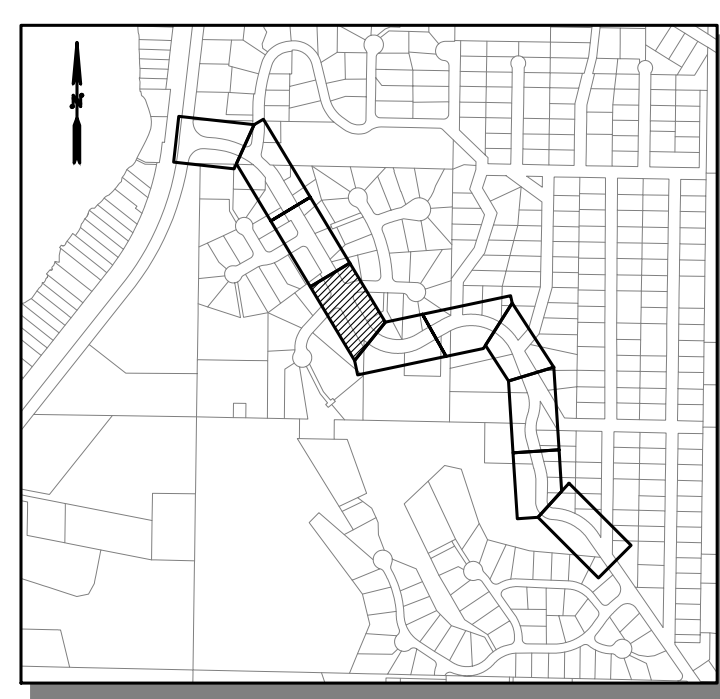


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MATCHLINE STA 21+00 SEE SHEET 47

MATCHLINE STA 24+00 SEE SHEET 49



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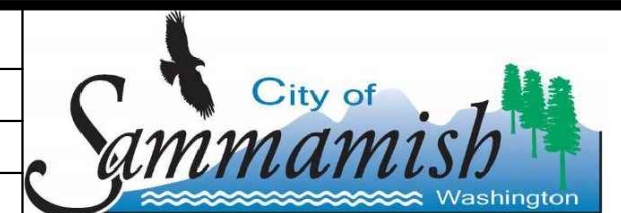
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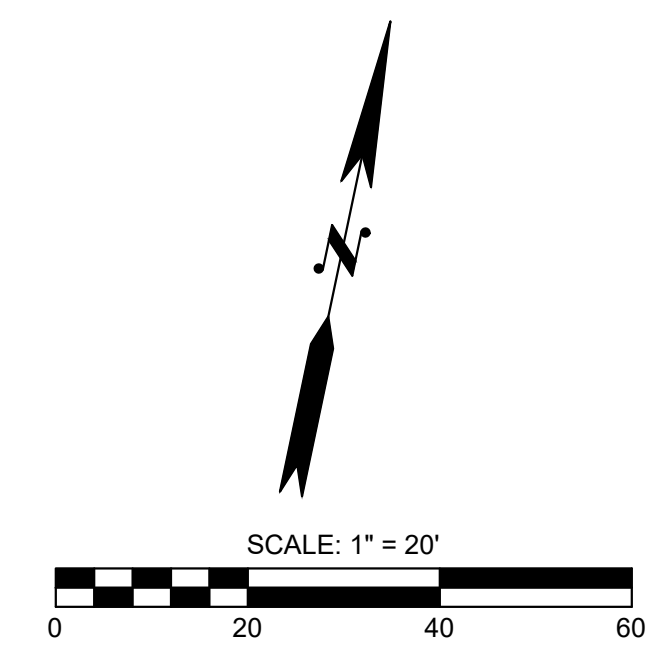


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
NON-MOTORIZED IMPROVEMENT  
PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=20' V: N/A	RD04 SHEET 48 of 101

FILE NAME: C:\PIV\OCL\WORKING\DIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01\LAURA TURNDIDGE\MS265661P\_10-210058\_ROAD.DWG  
PLOT TIME: 8/23/2023 2:40 PM  
USER NAME: LAURA TURNDIGE





**GENERAL NOTES:**

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 44 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
4. SEE SHEET 18 TO 32 FOR STORM DRAINAGE PLAN AND PROFILES.
5. SEE SHEETS 56 TO 65 FOR CHANNELIZATION AND SIGNING PLAN.
6. SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
7. SEE SHEETS 67 TO 73 FOR DRIVEWAY PLAN AND PROFILES.
8. SEE SHEETS 76 TO 81 FOR ADA CURB RAMP PLANS.
9. STATION AND OFFSET PROVIDED IS TO THE FACE OF W-BEAM FOR GUARDRAIL.
10. ALL UTILITIES IN SIDEWALKS, CURB RAMP AND PEDESTRIAN ACCESS ROUTES SHALL BE ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.

**## CONSTRUCTION NOTES:**

1. CONSTRUCT FULL DEPTH HMA PAVEMENT 2' MIN. FROM EDGE OF EXISTING ROADWAY OR EDGE OF GUTTER, SEE TYPICAL SECTIONS ON SHEET 44.
2. CONSTRUCT 0.17' HMA PAVEMENT OVERLAY.
3. CONSTRUCT TYPE A CURB AND GUTTER PER C.O.S. FIG. 03-8A.
4. CONSTRUCT CEMENT CONCRETE SIDEWALK PER C.O.S. FIG. 03-06.
5. CONSTRUCT CURB RAMP PER C.O.S. FIG. 02-07 AND FIG. 02-08.
6. CONSTRUCT CEMENT CONCRETE DRIVEWAY TYPE 1 PER WSDOT STD. PLAN F-80.10.
7. CONSTRUCT DRIVEWAY PER DRIVEWAY PLAN AND PROFILE, SHEETS 67-73.
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**LEGEND**

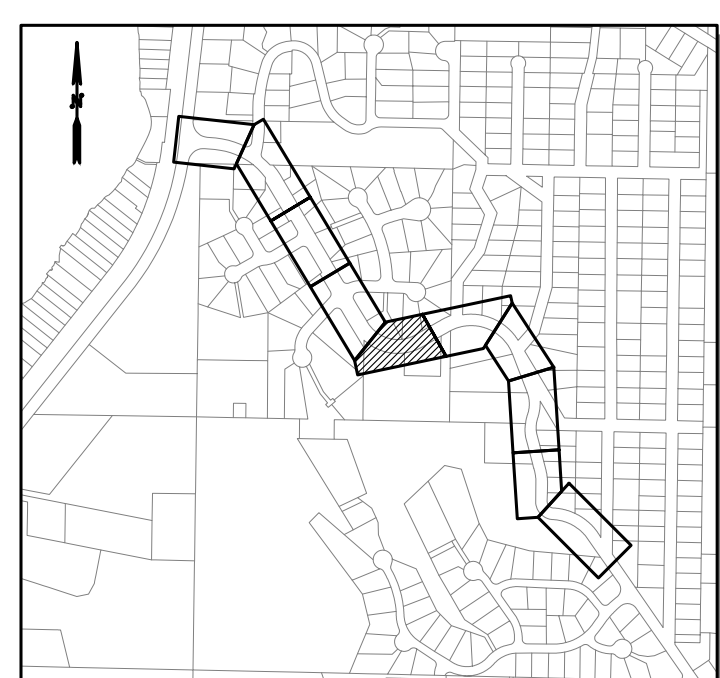
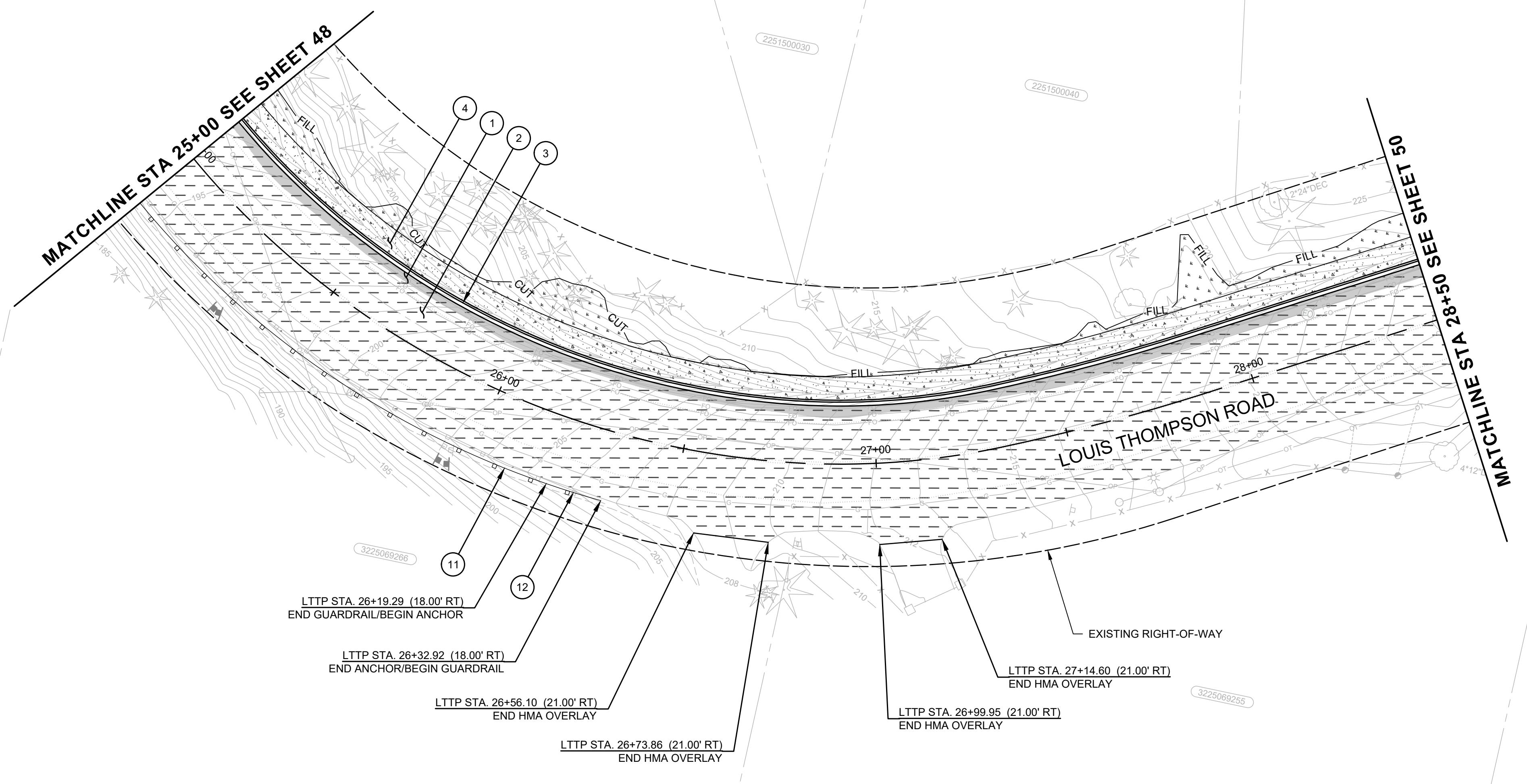
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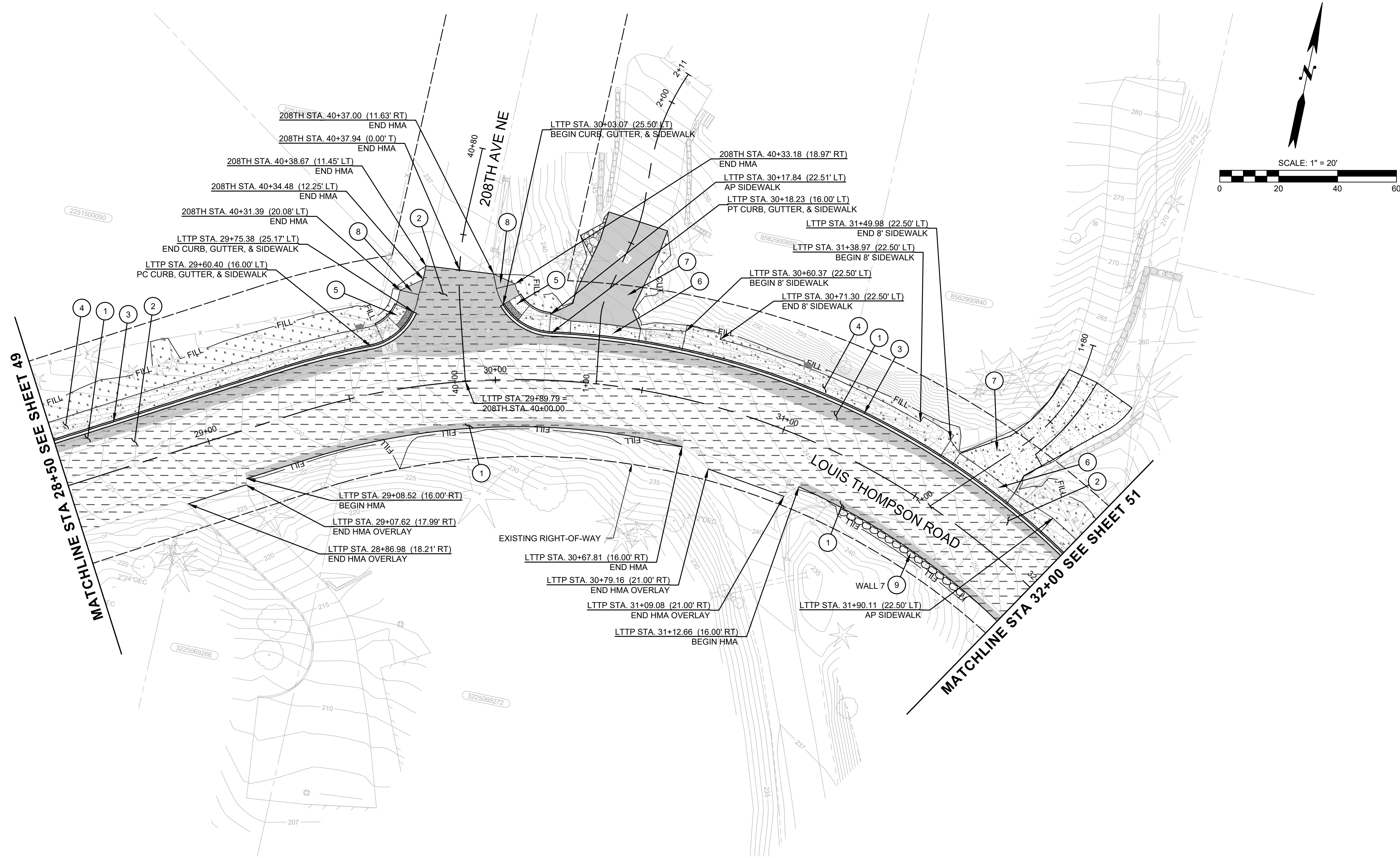


DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	DAVID EVANS AND ASSOCIATES, INC.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	REVISION	BY					City of Sammamish Washington	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH NON-MOTORIZED IMPROVEMENT PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 08/25/2023 RD05 SHEET 49 of 101
NO.	DATE	REVISION	BY												

FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P\_10-210058\_ROAD.DWG  
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 USER NAME: LAURA TURNIDGE

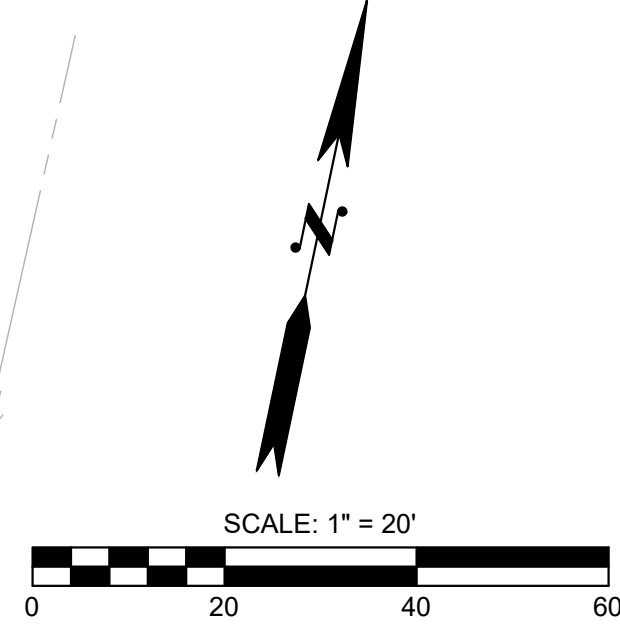


SEC. 32, T. 25N, R. 6E, W.M.



MATCHLINE STA 28+50 SEE SHEET 49

MATCHLINE STA 32+00 SEE SHEET 51



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**LEGEND**

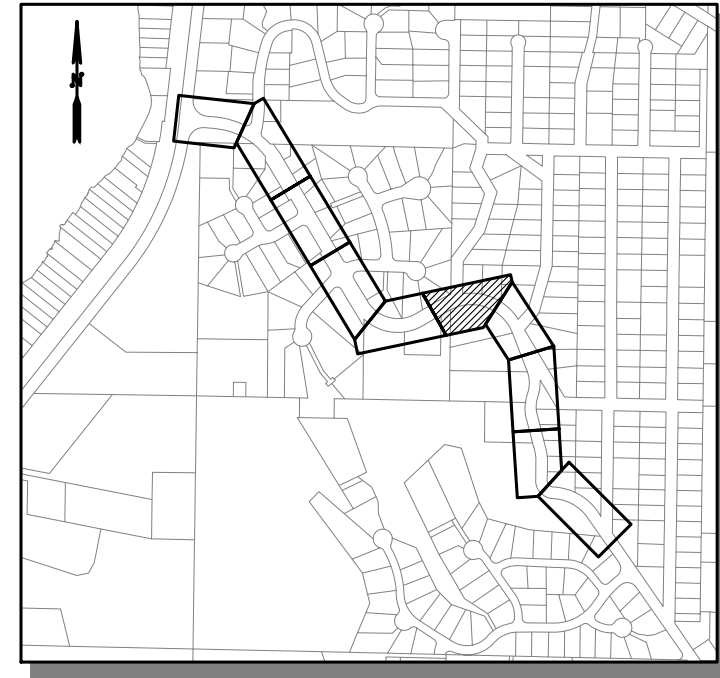
- FILL / CUT SLOPES
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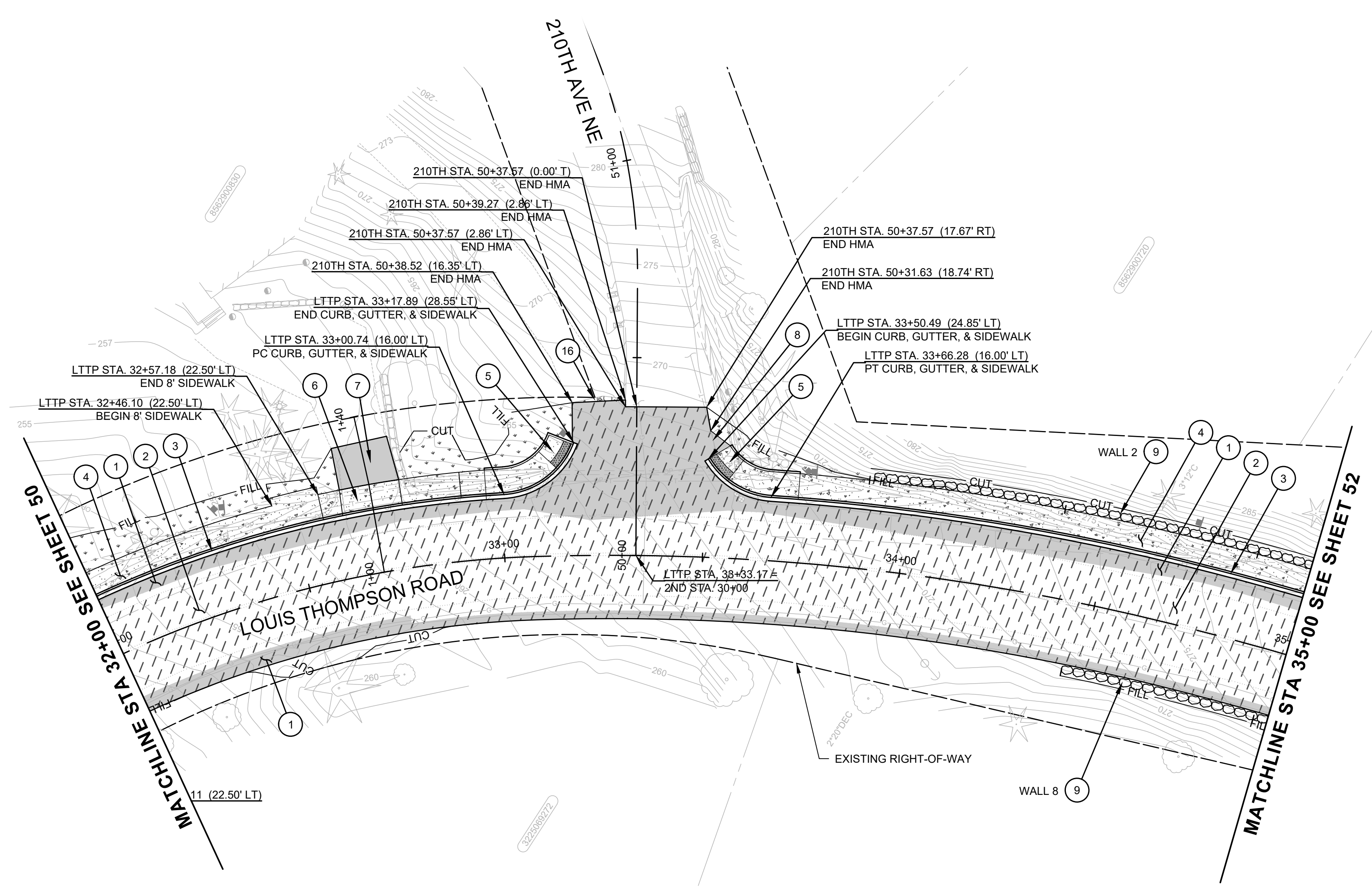
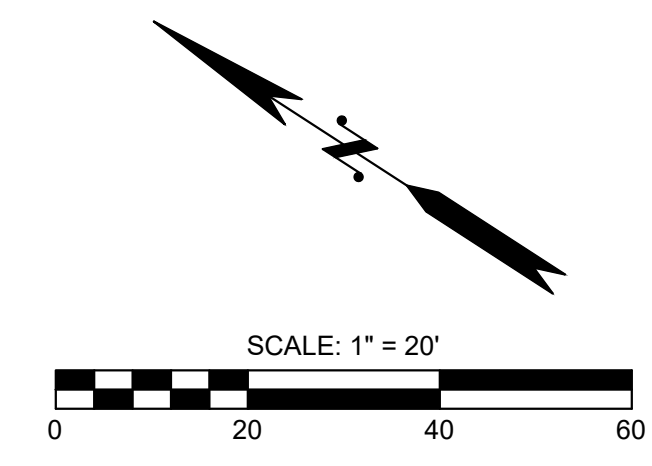


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
NON-MOTORIZED IMPROVEMENT  
PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A	RD06	SHEET 50 of 101

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\DWG\265661P\_10-210058\_ROAD.DWG  
PLOT TIME: 8/23/2023 2:41 PM  
USER NAME: LAURA TURNDIGE





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**LEGEND**

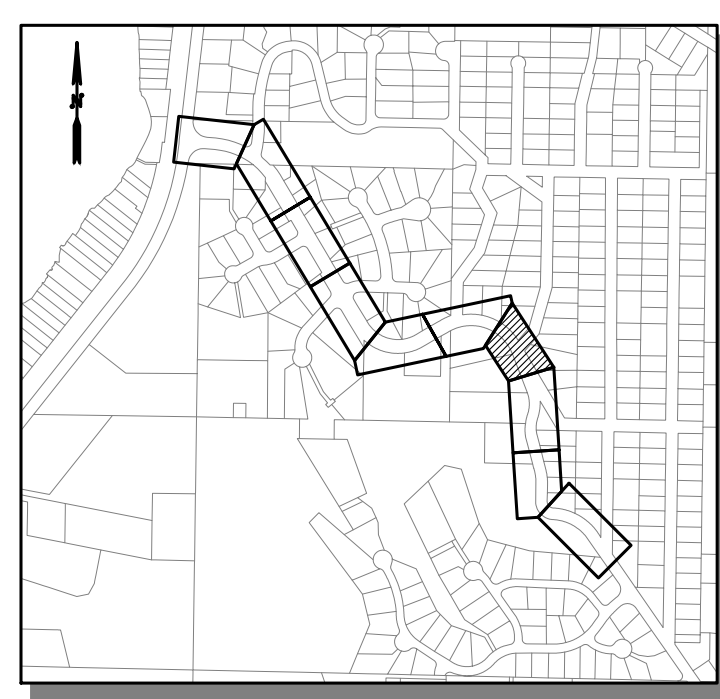
- FILL / CUT SLOPES
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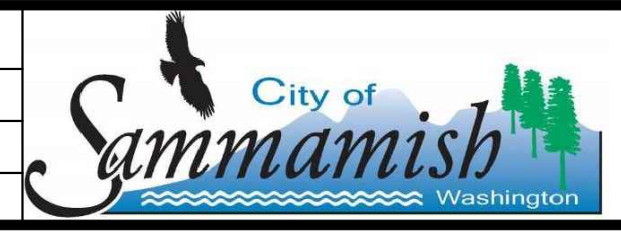
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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**

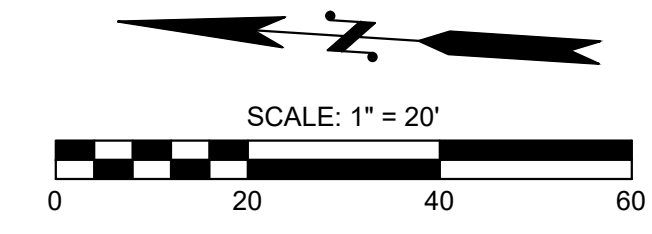
**CITY OF SAMMAMISH**

**NON-MOTORIZED IMPROVEMENT PLAN**

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A	PROJECT NO.	RD07
		SHEET 51 of 101	

FILE NAME: C:\PW\OCL\WORKING\DIROSBORN\CONSULTING-PW\BENTLEY.COM\OSBORN\CONSULTING-PW\01\LAURA TURNDIGE\DWG\265661P\_10-210058\_ROAD.DWG  
PLOT TIME: 8/23/2023 2:41 PM  
USER NAME: LAURA TURNDIGE





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**LEGEND**

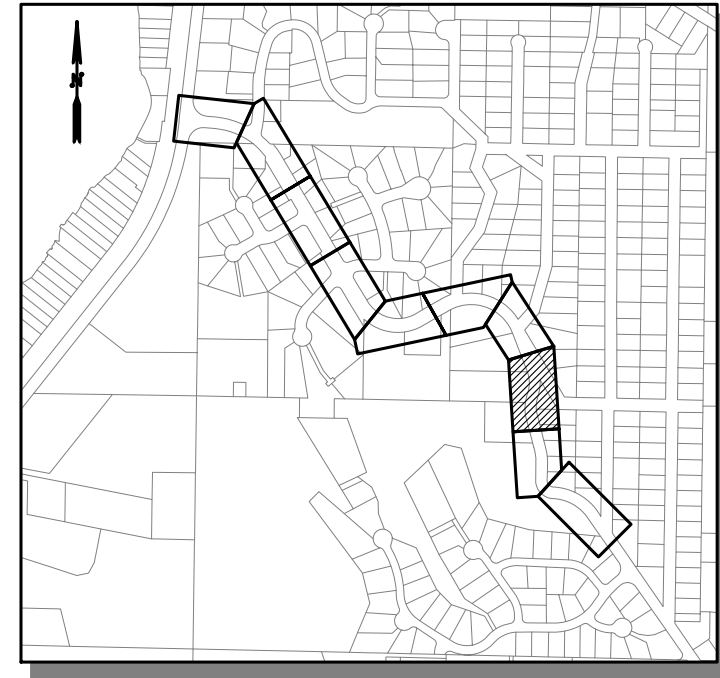
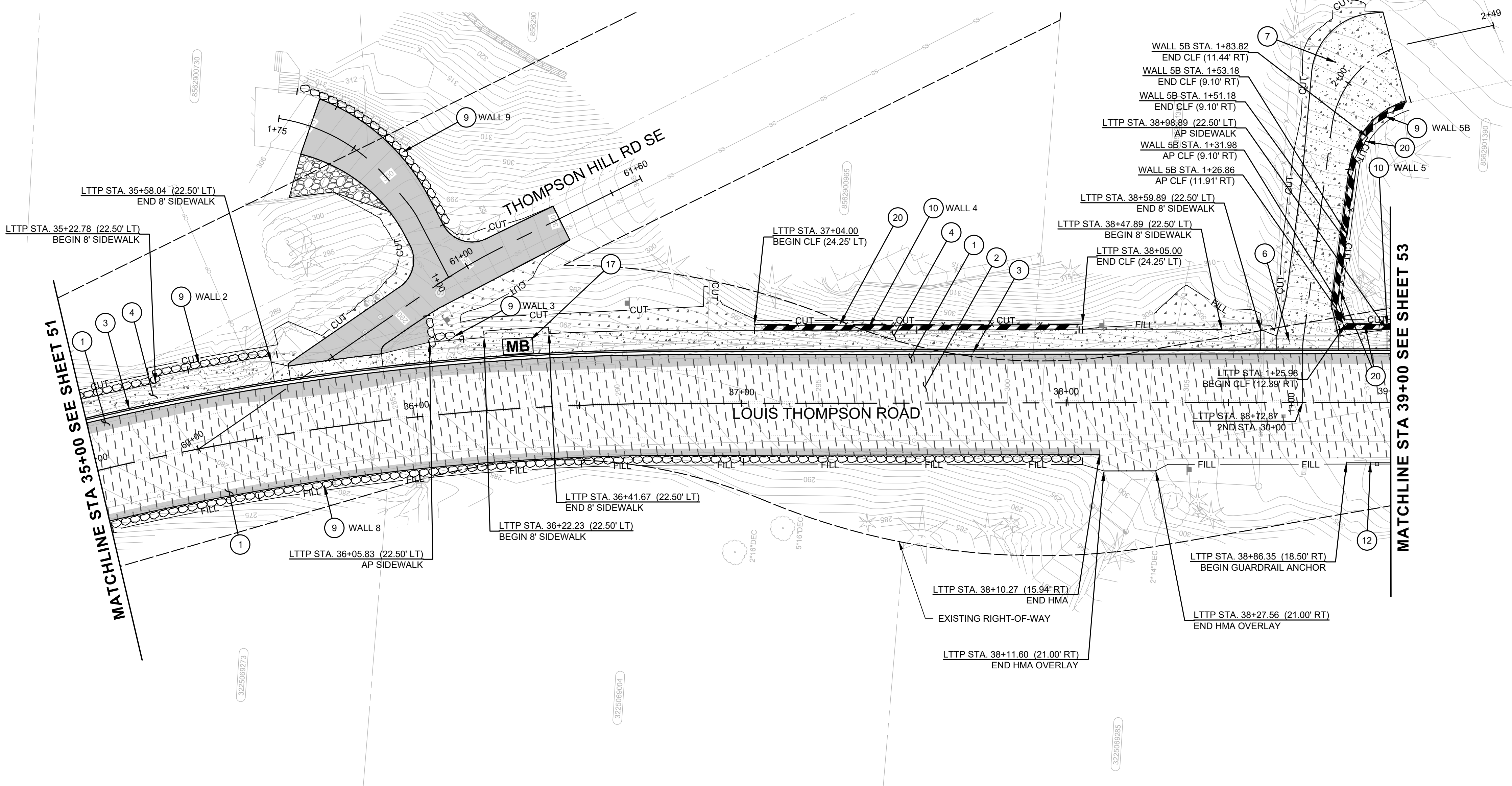
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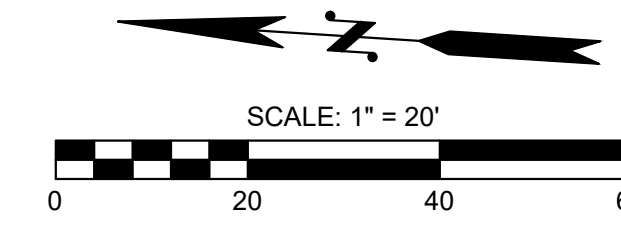
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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	DAVID EVANS AND ASSOCIATES, INC.	NO.    DATE    REVISION    BY	City of Sammamish Washington	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH NON-MOTORIZED IMPROVEMENT PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20'    V: N/A	DATE 08/25/2023 RD08 SHEET 52 of 101
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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P\_10-210058\_ROAD.DWG  
 PLOT TIME: 8/23/2023 2:41 PM  
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- SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
- SEE SHEETS 67 TO 73 FOR DRIVEWAY PLAN AND PROFILES.
- SEE SHEETS 76 TO 81 FOR ADA CURB RAMP PLANS.
- STATION AND OFFSET PROVIDED IS TO THE FACE OF W-BEAM FOR GUARDRAIL.
- ALL UTILITIES IN SIDEWALKS, CURB RAMP AND PEDESTRIAN ACCESS ROUTES SHALL BE ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.

**CONSTRUCTION NOTES:**

- CONSTRUCT FULL DEPTH HMA PAVEMENT 2" MIN. FROM EDGE OF EXISTING ROADWAY OR EDGE OF GUTTER, SEE TYPICAL SECTIONS ON SHEET 44.
- CONSTRUCT 0.17" HMA PAVEMENT OVERLAY.
- CONSTRUCT TYPE A CURB AND GUTTER PER C.O.S. FIG. 03-8A.
- CONSTRUCT CEMENT CONCRETE SIDEWALK PER C.O.S. FIG. 03-06.
- CONSTRUCT CURB RAMP PER C.O.S. FIG. 02-07 AND FIG. 02-08.
- CONSTRUCT CEMENT CONCRETE DRIVEWAY TYPE 1 PER WSDOT STD. PLAN F-80.10.
- CONSTRUCT DRIVEWAY PER DRIVEWAY PLAN AND PROFILE, SHEETS 67-73.
- CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG. 03-07.
- CONSTRUCT MODULAR BLOCK RETAINING WALL PER WALL PLAN AND PROFILES.
- CONSTRUCT SOLDIER PILE WALL PER WALL PLAN AND PROFILES.
- CONSTRUCT BEAM GUARDRAIL TYPE 31 PER WSDOT STD. PLAN C-20.10. POSTS SHALL BE 9-FT LONG.
- CONSTRUCT BEAM GUARDRAIL ANCHOR TYPE 11 PER WSDOT STD. PLAN C-23.70 WITH DESIGN C END CONDITION PER WSDOT STD. PLAN C-7. STATION IS TO END SECTION BOLT CONNECTION.
- CONSTRUCT BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (MSKT-SP-MGS (TL3)) PER WSDOT STD. PLAN C-22.40.
- CONSTRUCT 8' WIDE CEMENT CONCRETE SIDEWALK FOR TRASH BINS PER C.O.S. FIG. 03-06.
- CONSTRUCT EXTRUDED CURB TYPE 5 PER C.O.S FIG. 03-08.
- CONSTRUCT 6" COMPACTED CSBC.
- CONSTRUCT MAILBOX STAND AND FOUNDATION FOR RELOCATED MAILBOX CLUSTER PER C.O.S. FIG. 05-05. SCORE SIDEWALK FOR ADA PER DETAIL ON SHEET 55.
- CONSTRUCT SIDEWALK DRAINAGE PER DETAIL ON SHEET 55.
- CONSTRUCT GABION WALL FASCIA PER DETAIL ON SHEET 101.
- CONSTRUCT COATED CHAIN LINK FENCE AND POSTS PER WSDOT STD. PLAN L-20.10.

**LEGEND**

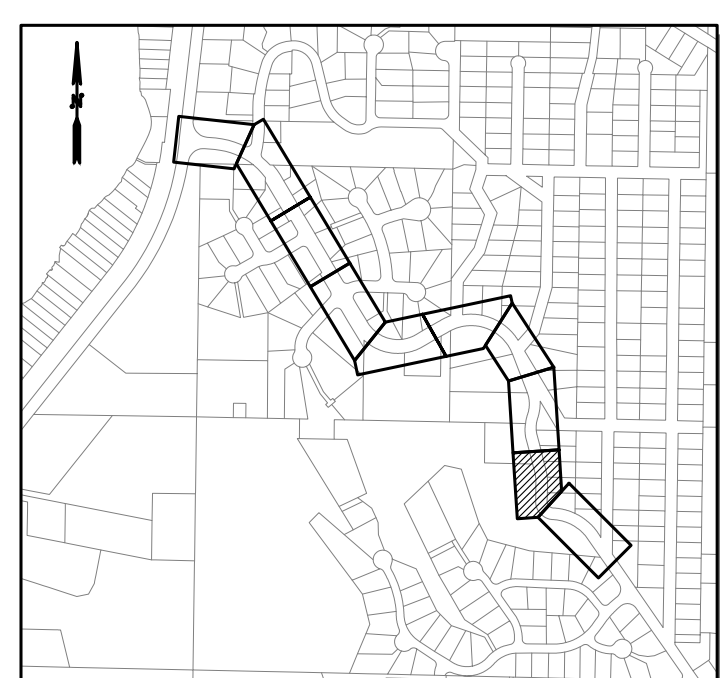
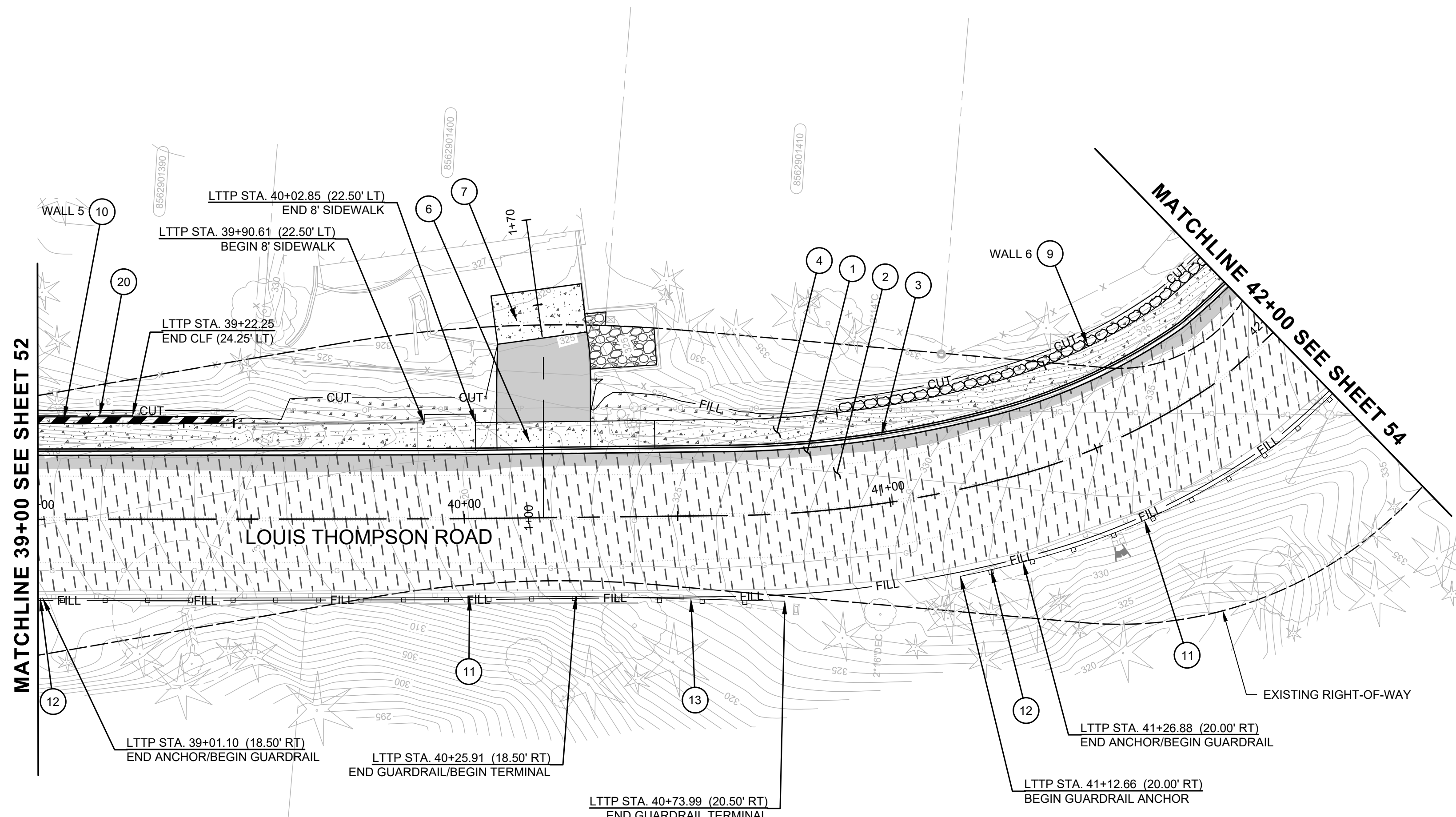
- FILL / CUT SLOPES
- PROPOSED GRAVITY BLOCK RETAINING WALL
- PROPOSED SOLDIER PILE WALL
- SAWCUT
- CHAIN LINK FENCE
- DETECTABLE WARNING PATTERN
- HMA PAVEMENT (FULL DEPTH)
- HMA OVERLAY LIMITS
- CEMENT CONCRETE SIDEWALK / DRIVEWAY APPROACH / PAVEMENT
- GRAVEL (CSBC)
- LANDSCAPE RESTORATION AREA
- PROPOSED MAILBOX LOCATION



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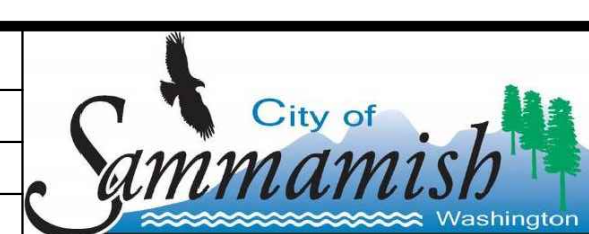


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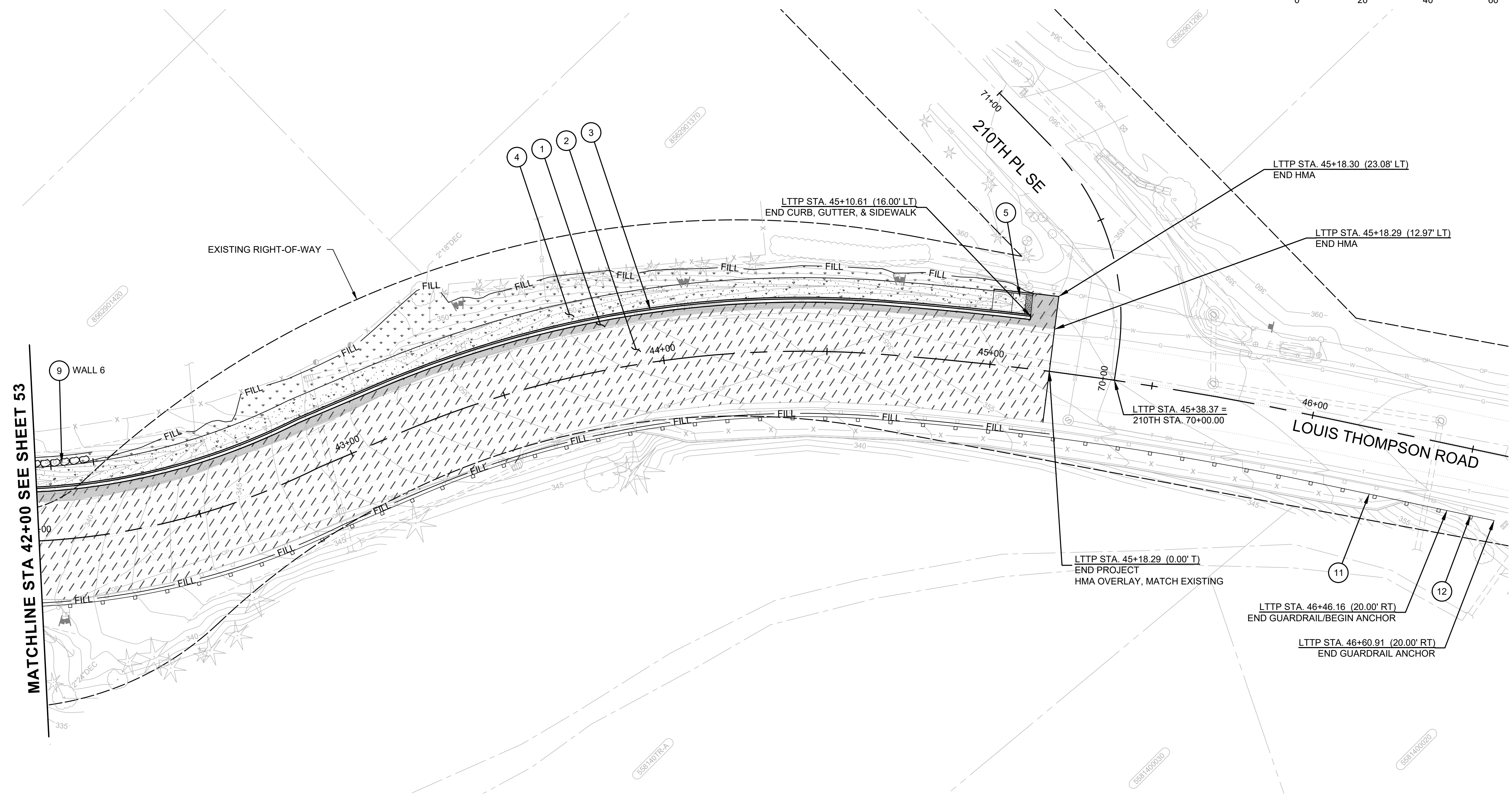
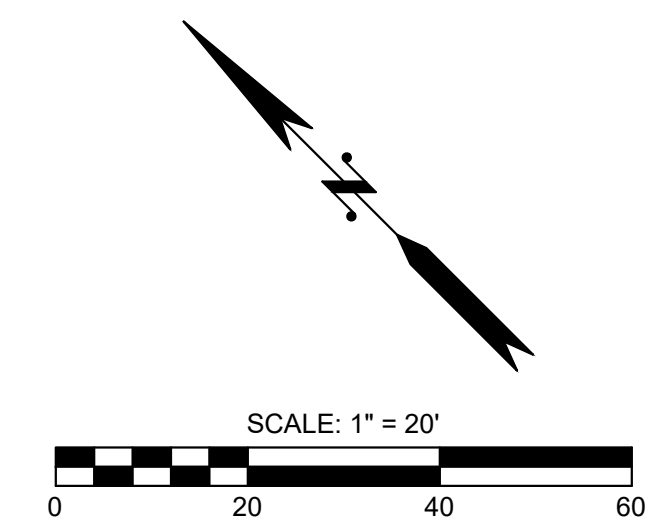


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 NON-MOTORIZED IMPROVEMENT PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A	RD09	SHEET 53 of 101

FILE NAME: C:\P\1\_OCI\_WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P\_10-210058\_ROAD.DWG  
 PLOT TIME: 8/23/2023 2:41 PM  
 USER NAME: LAURA TURNDIGE





**GENERAL NOTES:**

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 44 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
4. SEE SHEET 18 TO 32 FOR STORM DRAINAGE PLAN AND PROFILES.
5. SEE SHEETS 56 TO 65 FOR CHANNELIZATION AND SIGNING PLAN.
6. SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
7. SEE SHEETS 67 TO 73 FOR DRIVEWAY PLAN AND PROFILES.
8. SEE SHEETS 76 TO 81 FOR ADA CURB RAMP PLANS.
9. STATION AND OFFSET PROVIDED IS TO THE FACE OF W-BEAM FOR GUARDRAIL.
10. ALL UTILITIES IN SIDEWALKS, CURB RAMPS AND PEDESTRIAN ACCESS ROUTES SHALL BE ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.

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17. CONSTRUCT MAILBOX STAND AND FOUNDATION FOR RELOCATED MAILBOX CLUSTER PER C.O.S. FIG. 05-05. SCORE SIDEWALK FOR ADA PER DETAIL ON SHEET 55.
18. CONSTRUCT SIDEWALK DRAINAGE PER DETAIL ON SHEET 55.
19. CONSTRUCT GABION WALL FASCIA PER DETAIL ON SHEET 101.
20. CONSTRUCT COATED CHAIN LINK FENCE AND POSTS PER WSDOT STD. PLAN L-20.10.

**LEGEND**

- FILL / CUT SLOPES
- PROPOSED GRAVITY BLOCK RETAINING WALL
- PROPOSED SOLDIER PILE WALL
- SAWCUT
- CHAIN LINK FENCE
- DETECTABLE WARNING PATTERN
- HMA PAVEMENT (FULL DEPTH)
- HMA OVERLAY LIMITS
- CEMENT CONCRETE SIDEWALK / DRIVEWAY APPROACH / PAVEMENT
- GRAVEL (CSBC)
- LANDSCAPE RESTORATION AREA
- PROPOSED MAILBOX LOCATION

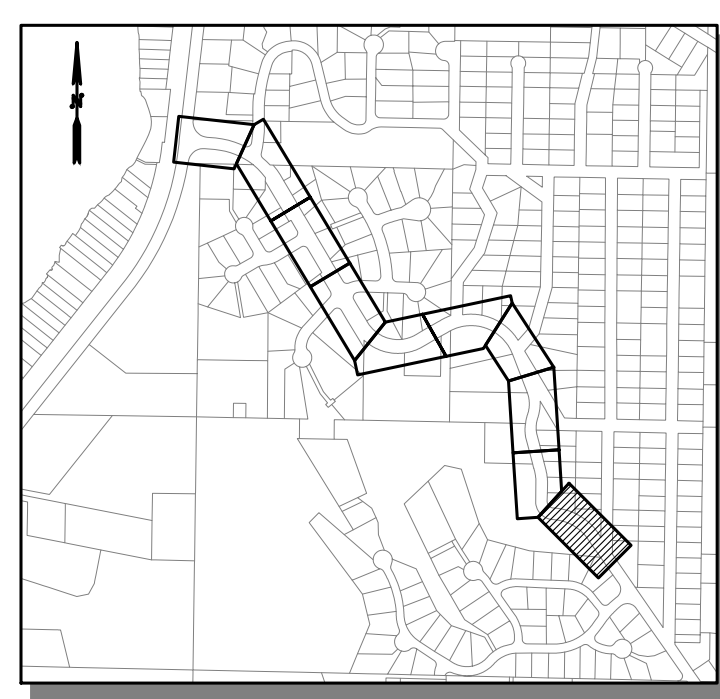


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PLOT TIME: 8/23/2023 2:41 PM  
USER NAME: LAURA TURNDIGE



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RAKO

DRAWN BY  
RAKO

CHECKED BY  
SBS

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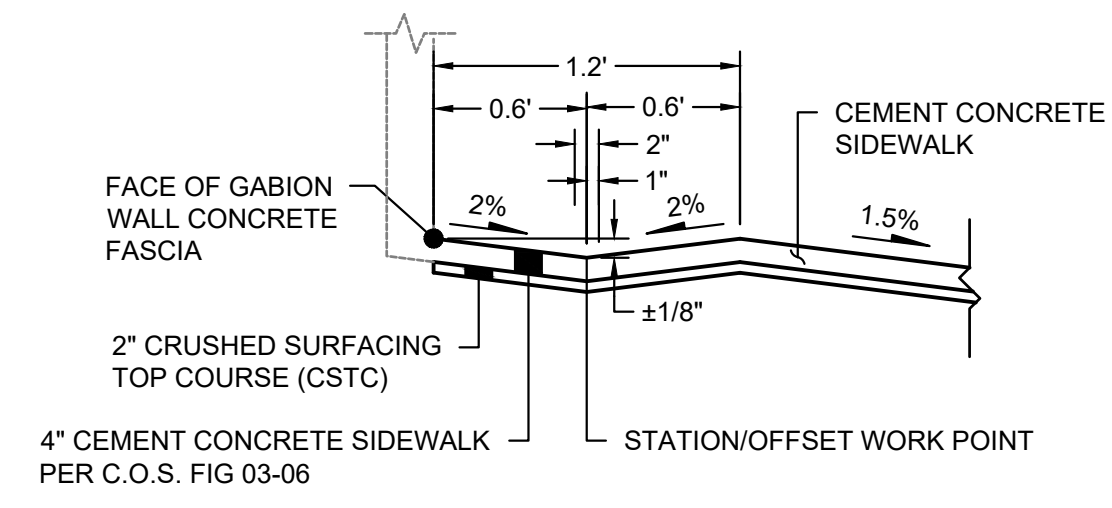
NO.	DATE	REVISION	BY	



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
NON-MOTORIZED IMPROVEMENT  
PLAN

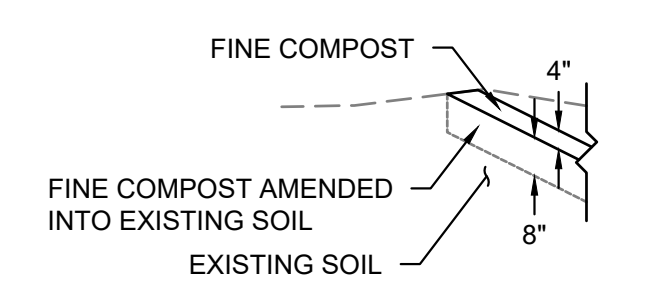
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SCALE	H: 1"=20' V: N/A		
			RD10
			SHEET 54 of 101



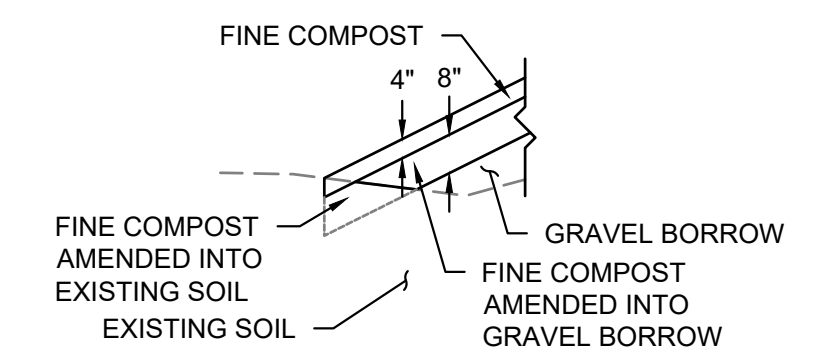


- NOTES**
- REFER TO CONCRETE FASCIA DETAIL ON SHEET 101 FOR ADDITIONAL DETAILS.
  - SIDEWALK DRAINAGE IS PAID FOR AS "CEMENT CONCRETE SIDEWALK."

**1 SIDEWALK DRAINAGE DETAIL**  
44.45 N.T.S.



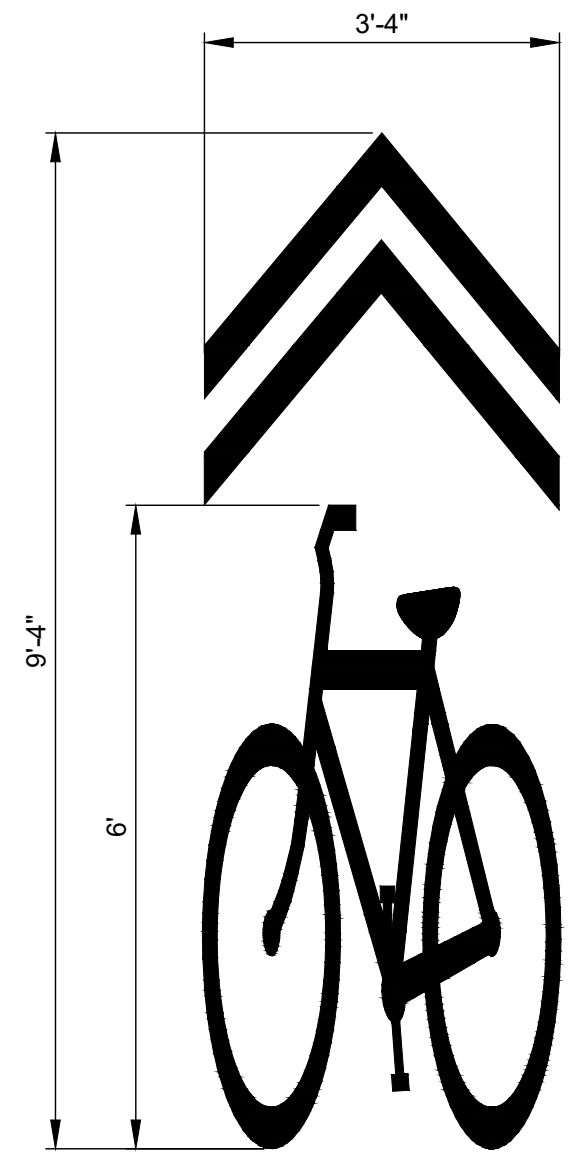
**CUT CONDITION**



**FILL CONDITION**

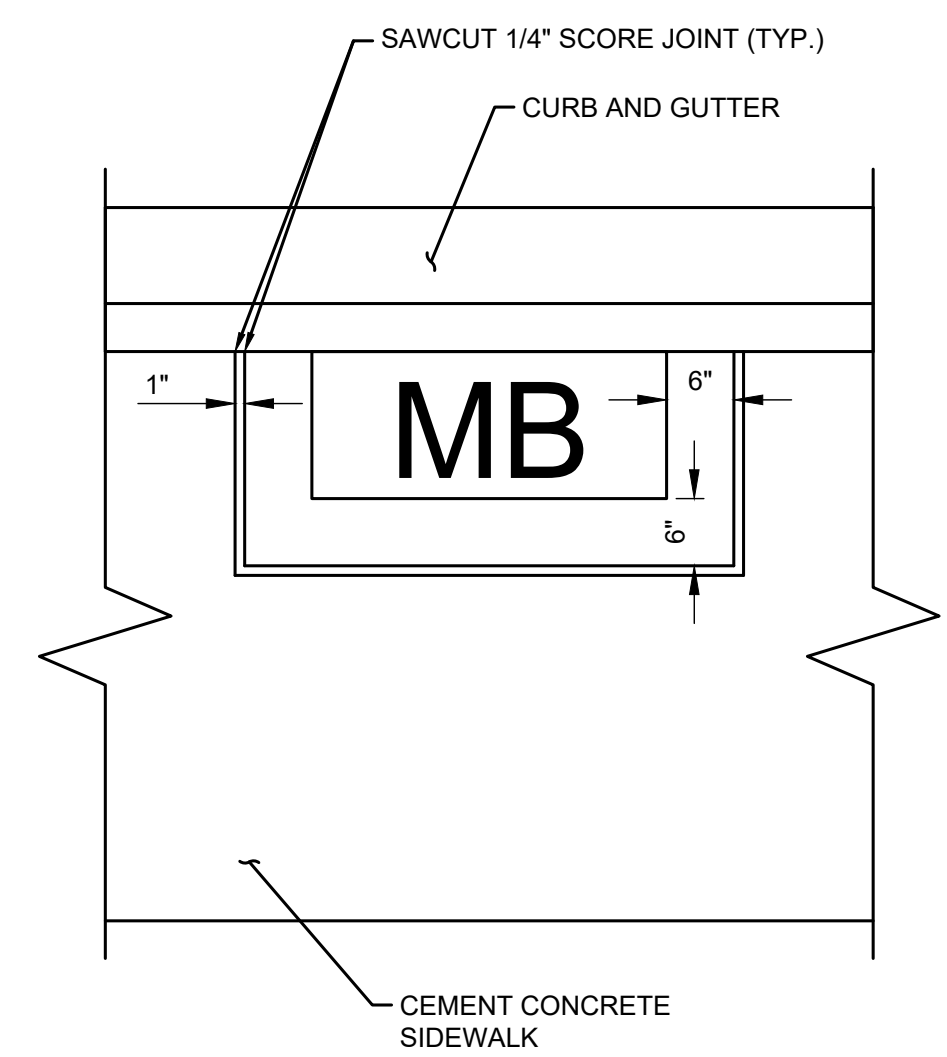
- NOTES**
- 4" FINE COMPOST PER STD. SPECIFICATION 9-14.5(8) AMENDED INTO 8" OF EXISTING SOIL OR GRAVEL BORROW FILL.
  - LANDSCAPE RESTORATION SHALL BE PAID AS "SOIL AMENDMENT" PER SQUARE YARD.

**2 LANDSCAPE RESTORATION DETAIL**  
44-54 N.T.S.



- NOTES**
- LEFT (HANDLE BAR) SIDE OF SYMBOL SHALL FACE CENTER OF ROADWAY.
  - SYMBOL SHALL BE THERMOPLASTIC (125 MIL).
  - SHARED LANE SYMBOL PAVEMENT MARKING IS PAID FOR AS "PLASTIC BICYCLE LANE SYMBOL".

**3 SHARED LANE SYMBOL**  
56-65 N.T.S.



**4 MAILBOX SIDEWALK SCORING DETAIL**  
52 N.T.S.

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PLOT TIME: 8/23/2023 2:41 PM  
USER NAME: LAURA TURNDIGE

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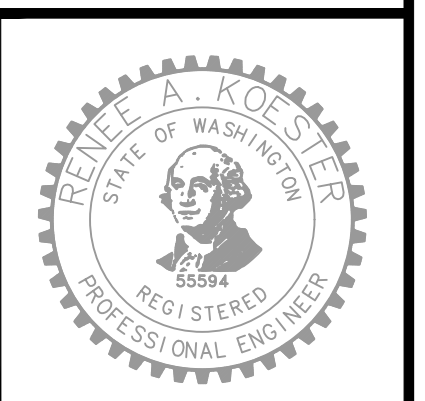


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH

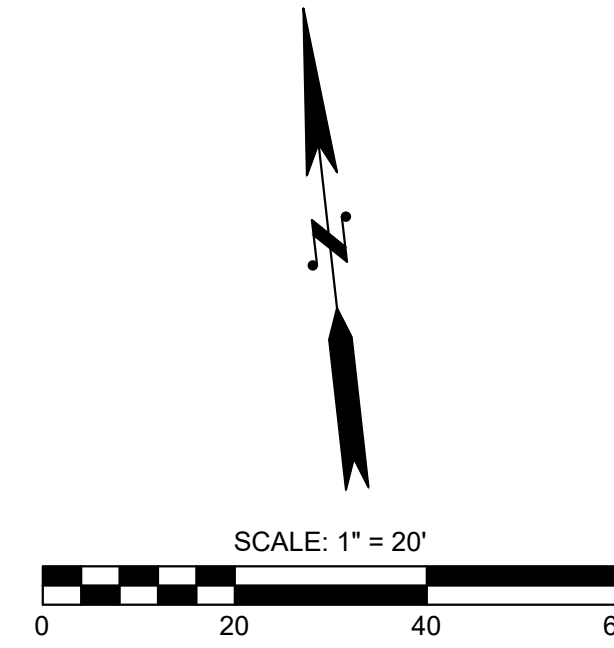
**NON-MOTORIZED IMPROVEMENT DETAILS**

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: N/A V: N/A	<b>RD11</b> SHEET 55 of 101

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**GENERAL NOTES:**

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 44 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
4. SEE SHEET 18 TO 32 FOR STORM DRAINAGE PLAN AND PROFILES.
5. SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
6. SEE SHEETS 67 TO 73 FOR DRIVEWAY PLAN AND PROFILES.
7. CONTRACTOR SHALL REMOVE ALL EXISTING CHANNELIZATION IN CONFLICT WITH PROPOSED CHANNELIZATION.
8. STATION AND OFFSET PROVIDED IS TO THE CENTER OF THE PROPOSED CHANNELIZATION.
9. SEE SHEET 66 FOR SIGN REMOVAL, RELOCATION, AND INSTALLATION SCHEDULES AND SIGN NOTES.

**CONSTRUCTION NOTES:**

1. 8" WHITE PAINTED EDGE LINE.
2. 8" WHITE THERMOPLASTIC WIDE LINE WITH RPM PER C.O.S. FIG 04-03A.
3. 16" THERMOPLASTIC STOP LINE PER C.O.S. FIG 04-04.
4. 4" PAINTED DOUBLE YELLOW CENTERLINE WITH RPM PER C.O.S. FIG 04-03A.
5. THERMOPLASTIC BIKE SYMBOL, LANE ARROW AND BIKE RIDER SYMBOL PER C.O.S. FIG 04-02.
6. THERMOPLASTIC SHARED LANE SYMBOL PER DETAIL ON SHEET 55.
7. THERMOPLASTIC LEFT TURN ARROW, TYPE 2L, PER C.O.S. FIG 04-05.
8. THERMOPLASTIC RIGHT TURN ARROW, TYPE 2R, PER C.O.S. FIG 04-05.
9. THERMOPLASTIC "ONLY" PAVEMENT MARKINGS PER C.O.S. FIG 04-05.
10. 8" WHITE PAINTED BIKE LANE LINE PER C.O.S. FIG 04-02.
11. CROSSWALK STRIPING PER C.O.S. FIG 04-05.

**LEGEND**

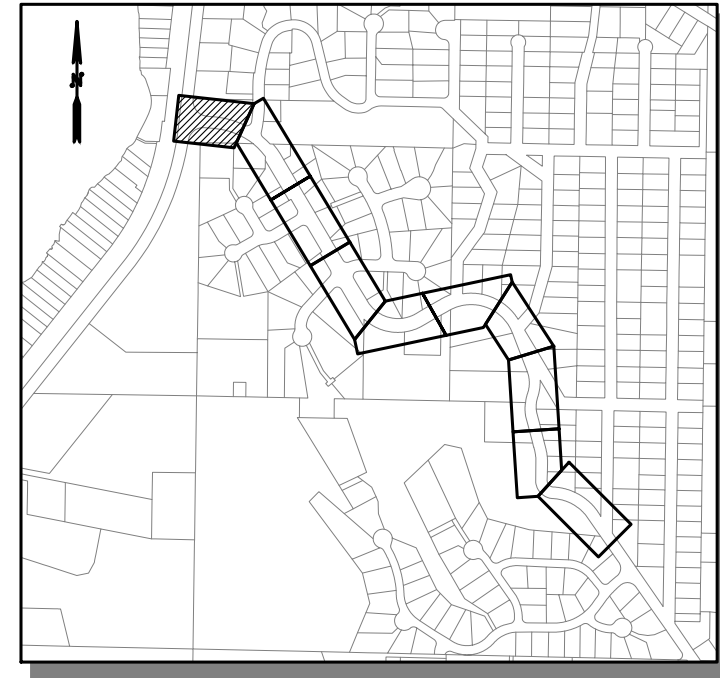
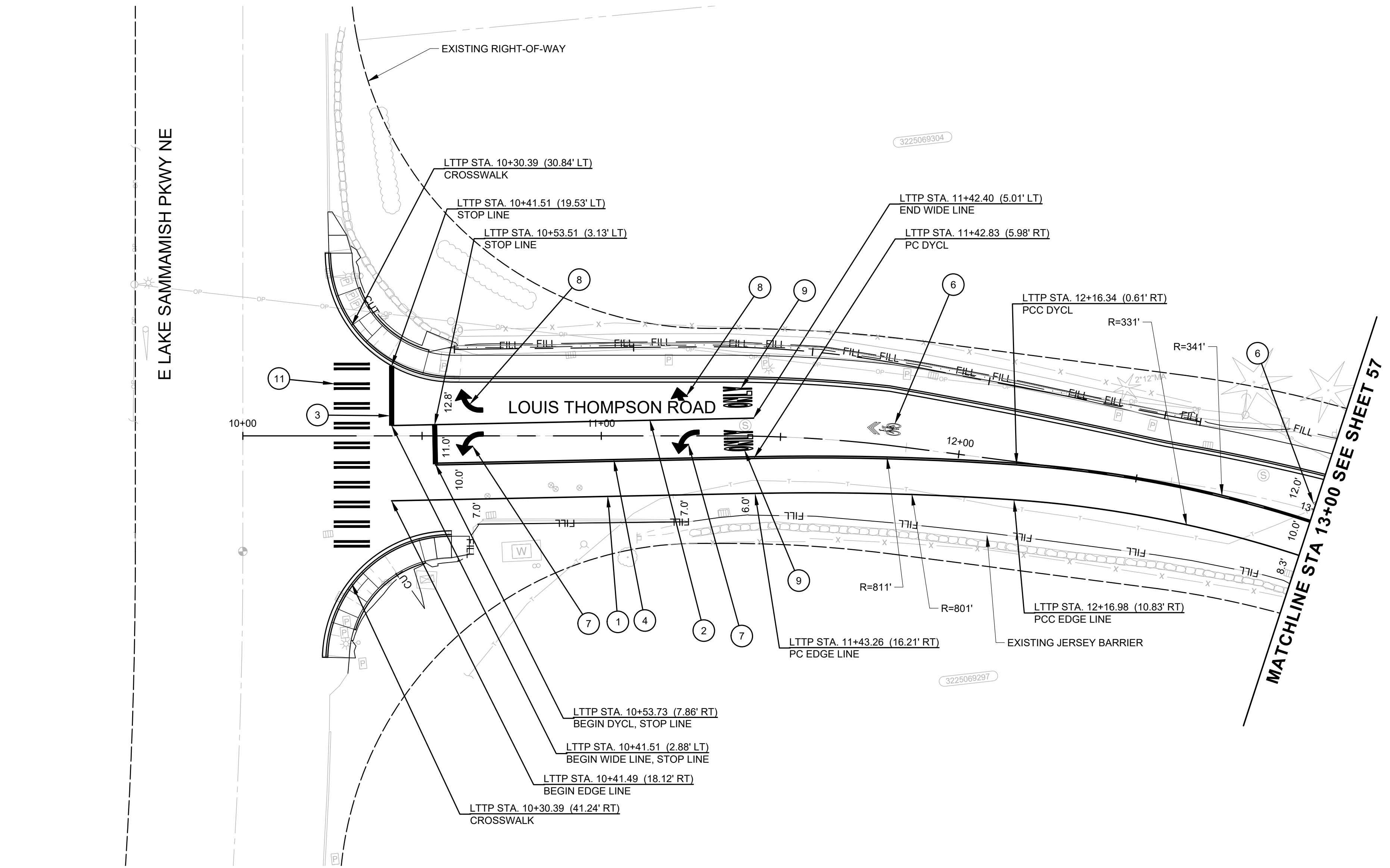
- PROPOSED SIGN
- EXISTING SIGN
- NEW SIGN NOTE
- SIGN REMOVAL NOTE
- PROPOSED SIGN LOCATION
- EXISTING SIGN LOCATION
- PROPOSED MAILBOX LOCATION



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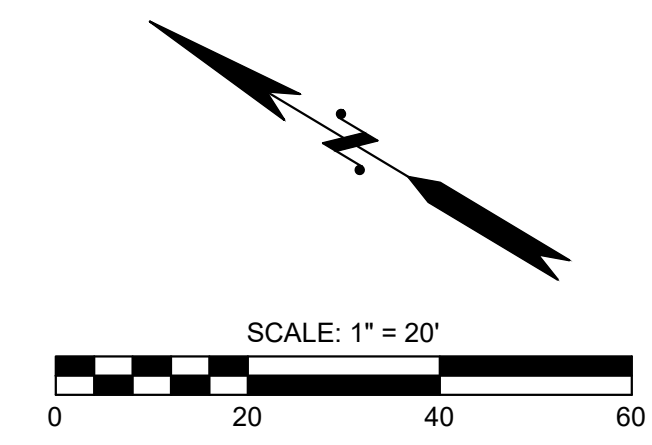
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FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\LAURA TURNDIDGE\MS265661P\_10-210058\_ROAD\_CHAN.DWG  
PLOT TIME: 8/23/2023 2:42 PM  
USER NAME: LAURA TURNDIDGE

DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	 <b>Osborn Consulting, Inc.</b> Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	 <b>DAVID EVANS AND ASSOCIATES INC.</b>	NO.	DATE	REVISION	BY		
			<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN					
		JOB# / DWG	10-210058		DATE	08/25/2023		
		SCALE	H: 1"=20' V: N/A				CH01	
							SHEET	56 of 101





**GENERAL NOTES:**

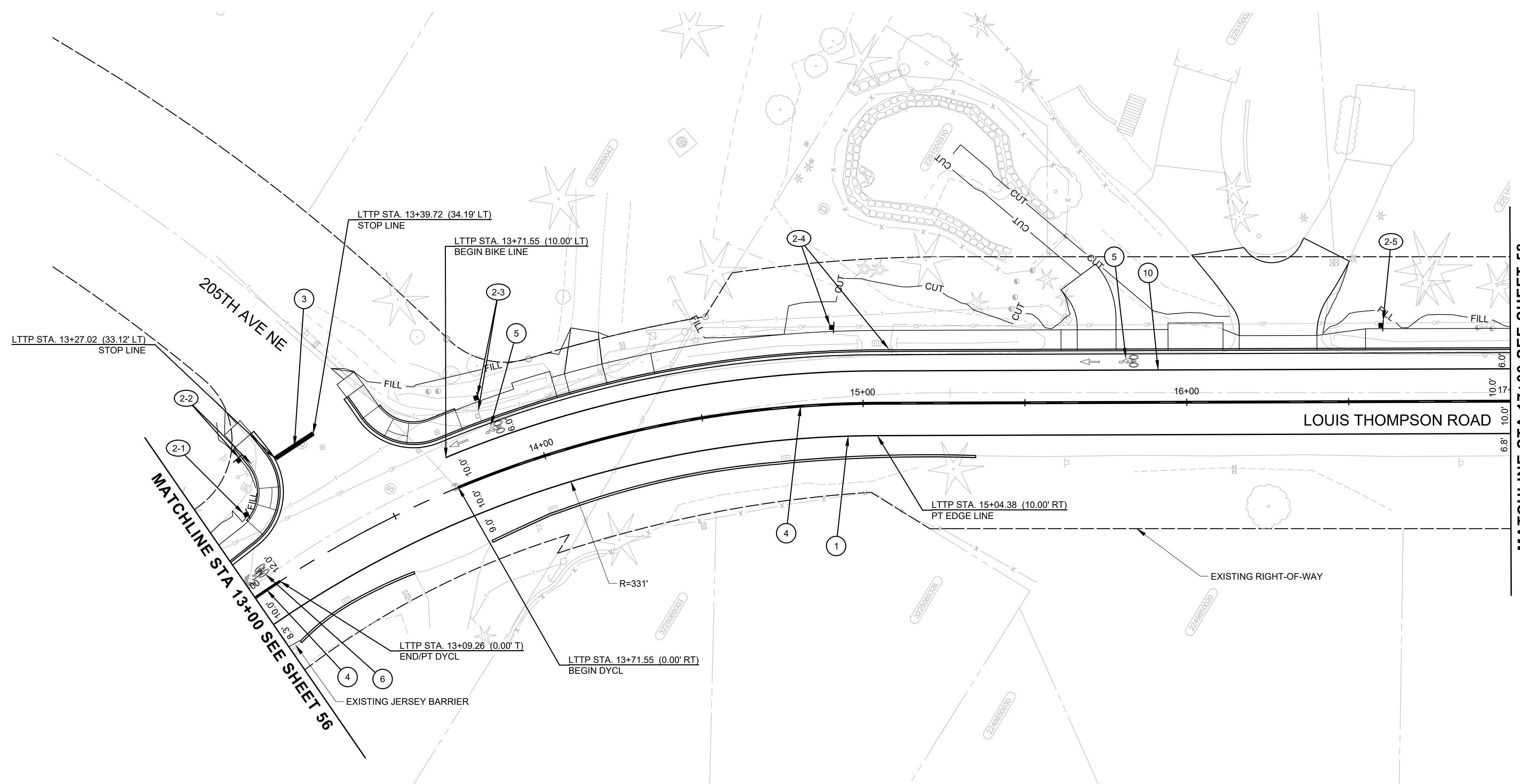
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
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**CONSTRUCTION NOTES:**

- 8" WHITE PAINTED EDGE LINE.
- 8" WHITE THERMOPLASTIC WIDE LINE WITH RPM PER C.O.S. FIG 04-03A.
- 16" THERMOPLASTIC STOP LINE PER C.O.S. FIG 04-04.
- 4" PAINTED DOUBLE YELLOW CENTERLINE WITH RPM PER C.O.S. FIG 04-03A.
- THERMOPLASTIC BIKE SYMBOL, LANE ARROW AND BIKE RIDER SYMBOL PER C.O.S. FIG 04-02.
- THERMOPLASTIC SHARED LANE SYMBOL PER DETAIL ON SHEET 55.
- THERMOPLASTIC LEFT TURN ARROW, TYPE 2L, PER C.O.S. FIG 04-05.
- THERMOPLASTIC RIGHT TURN ARROW, TYPE 2R, PER C.O.S. FIG 04-05.
- THERMOPLASTIC "ONLY" PAVEMENT MARKINGS PER C.O.S. FIG 04-05.
- 8" WHITE PAINTED BIKE LANE LINE PER C.O.S. FIG 04-02.
- CROSSWALK STRIPING PER C.O.S. FIG 04-05.

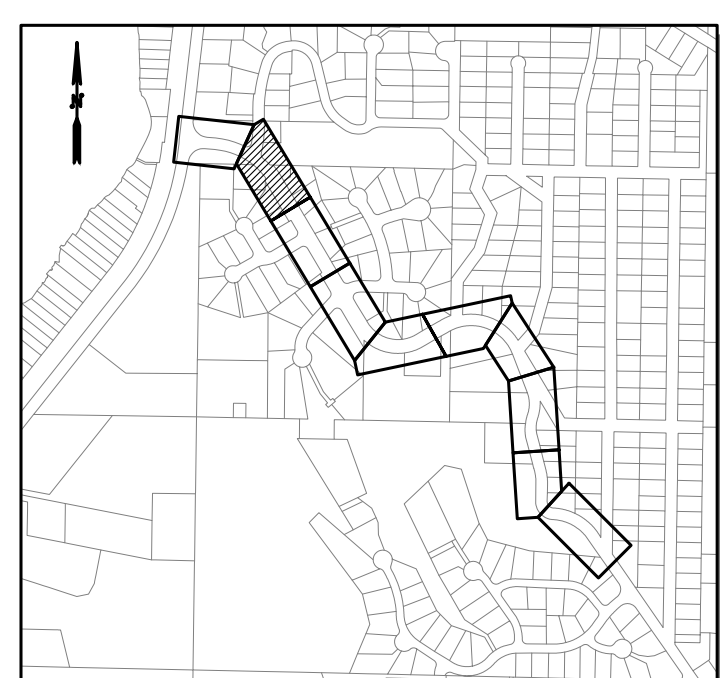
**LEGEND**

- PROPOSED SIGN
- EXISTING SIGN
- NEW SIGN NOTE
- SIGN REMOVAL NOTE
- PROPOSED SIGN LOCATION
- EXISTING SIGN LOCATION
- PROPOSED MAILBOX LOCATION

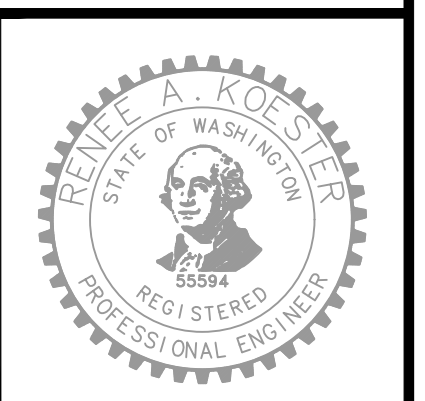


MATCHLINE STA 17+00 SEE SHEET 58

MATCHLINE STA 13+00 SEE SHEET 56



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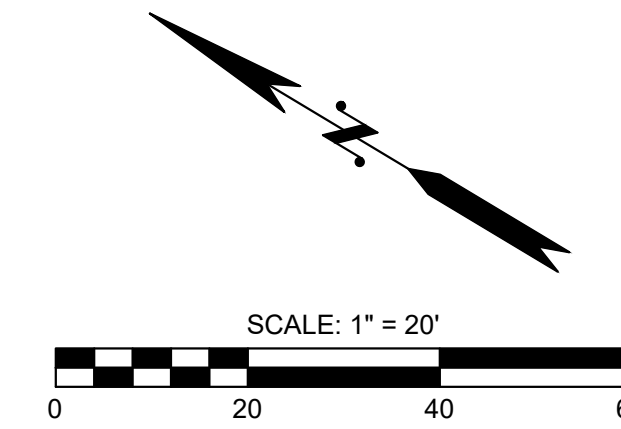


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	DAVID EVANS AND ASSOCIATES, INC.	NO.    DATE    REVISION    BY	City of Sammamish Washington	LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN		JOB# / DWG 10-210058	DATE 08/25/2023
					SCALE H: 1"=20'    V: N/A		CH02 SHEET 57 of 101	

FILE NAME: C:\PW\OCL\WORKING\DIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P\_10-210058\_ROAD\_CHAN.DWG  
 PLOT TIME: 8/23/2023 2:42 PM  
 USER NAME: LAURA TURNIDGE





**GENERAL NOTES:**

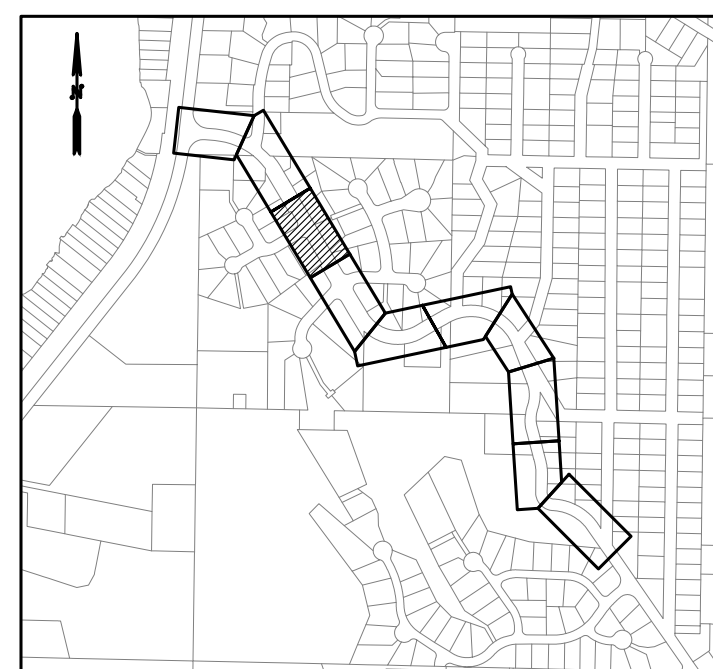
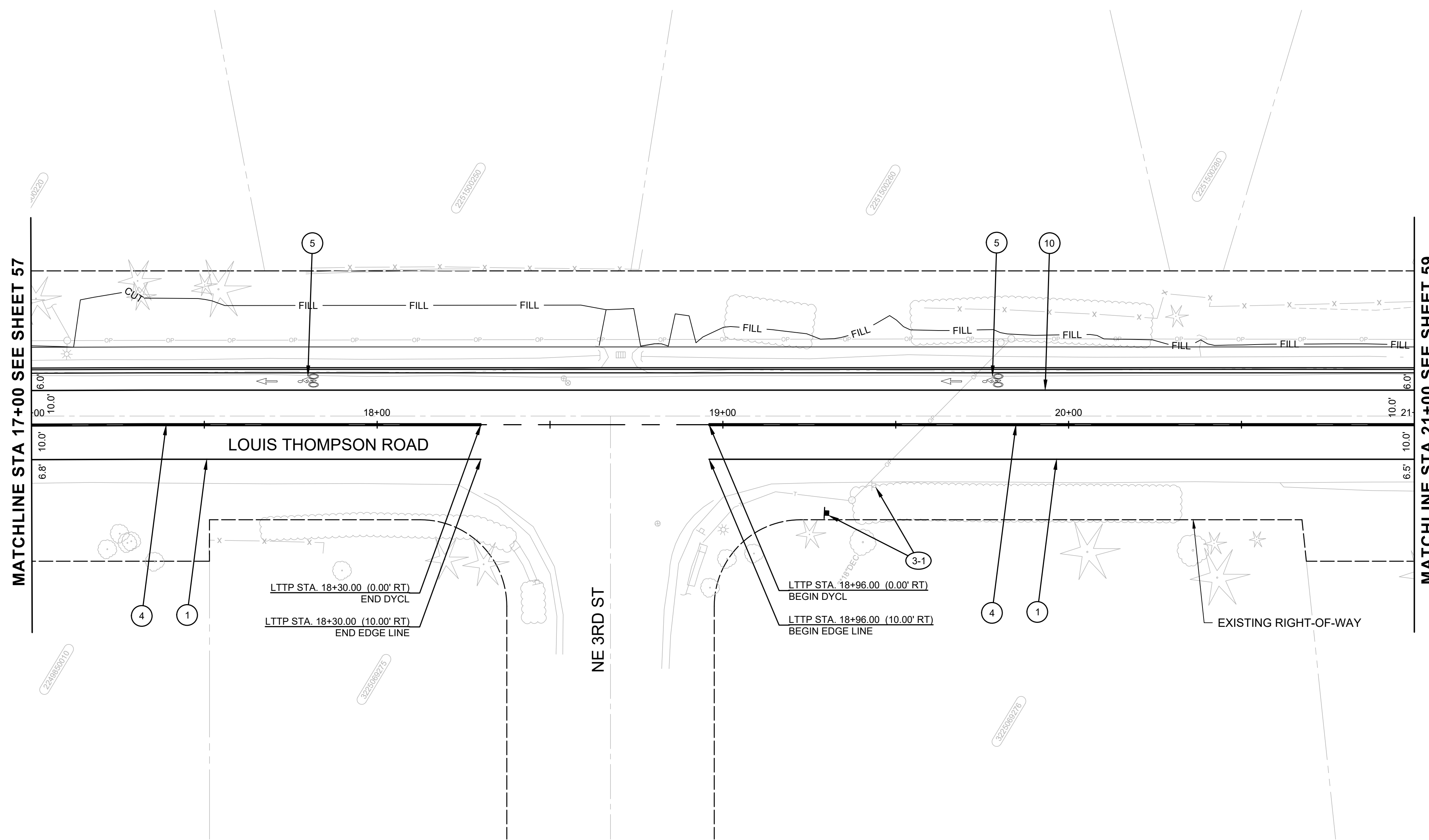
1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
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11. CROSSWALK STRIPING PER C.O.S. FIG 04-05.

**LEGEND**

- PROPOSED SIGN
- EXISTING SIGN
- NEW SIGN NOTE
- SIGN REMOVAL NOTE
- PROPOSED SIGN LOCATION
- EXISTING SIGN LOCATION
- PROPOSED MAILBOX LOCATION



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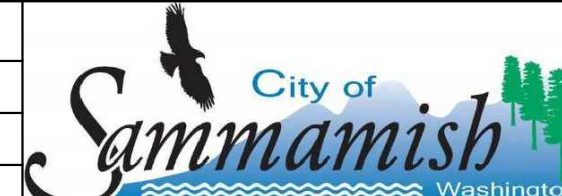
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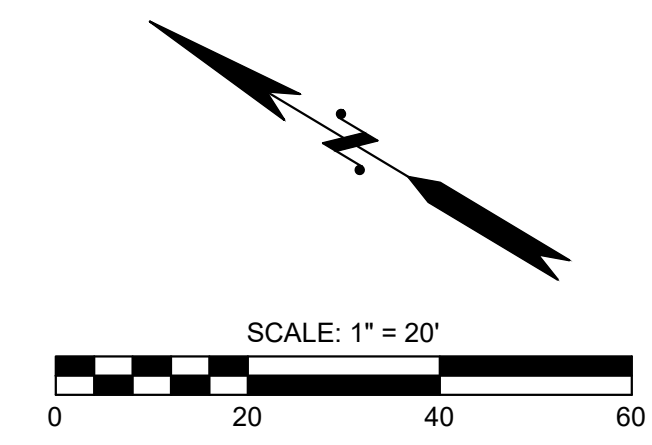
NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
CHANNELIZATION AND SIGNING  
PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A		
			CH03
			SHEET 58 of 101





**GENERAL NOTES:**

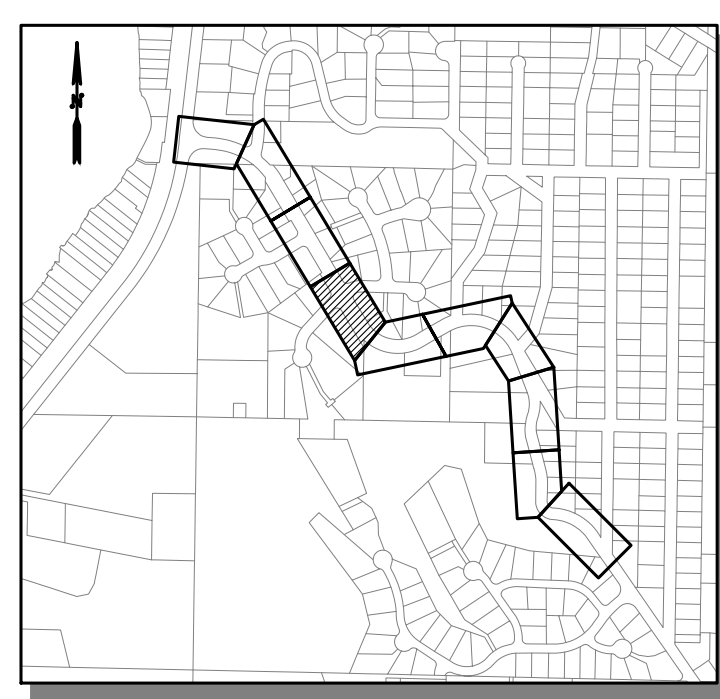
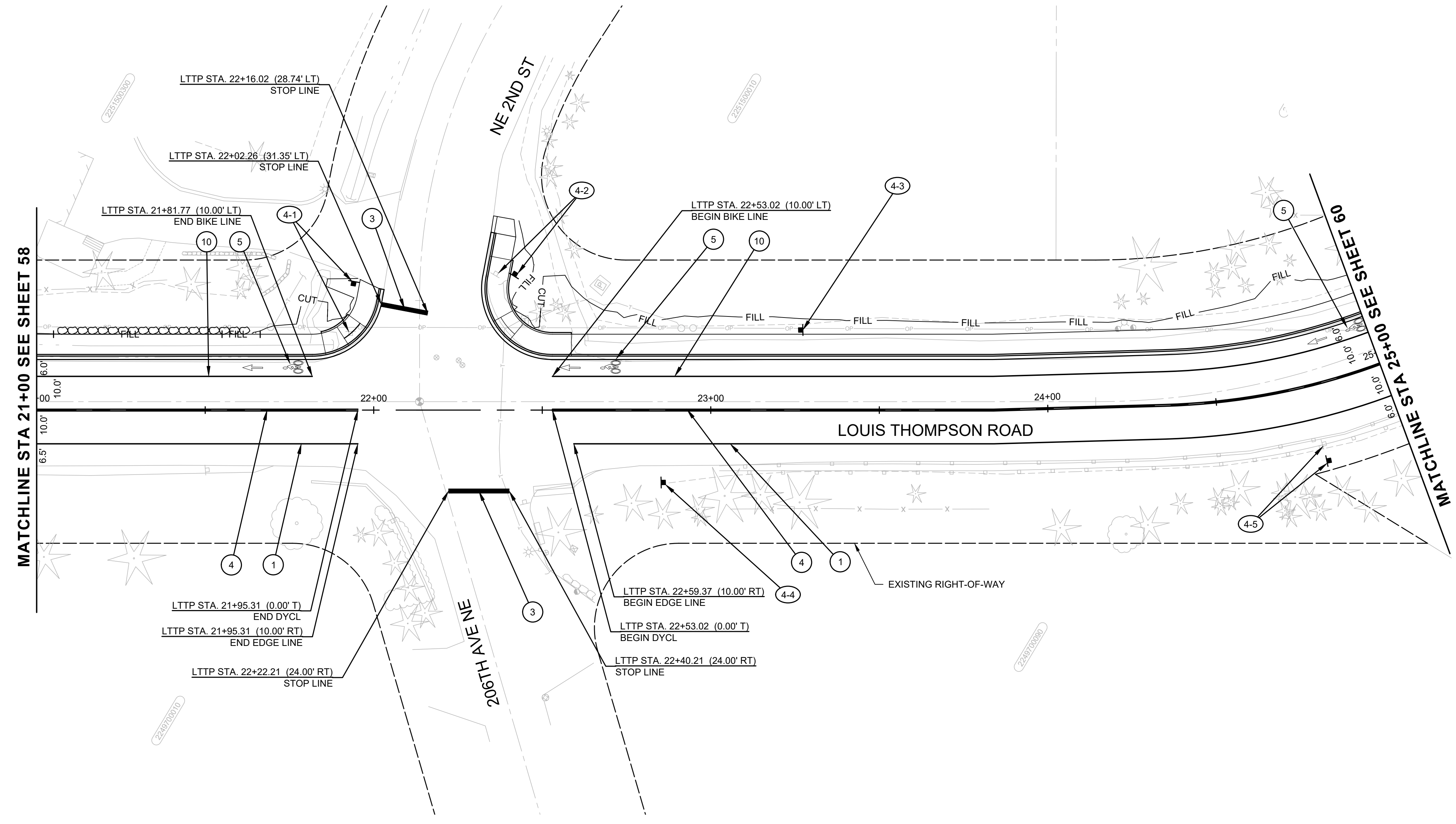
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**LEGEND**

- PROPOSED SIGN
- EXISTING SIGN
- NEW SIGN NOTE
- SIGN REMOVAL NOTE
- PROPOSED SIGN LOCATION
- EXISTING SIGN LOCATION
- PROPOSED MAILBOX LOCATION



Know what's below.  
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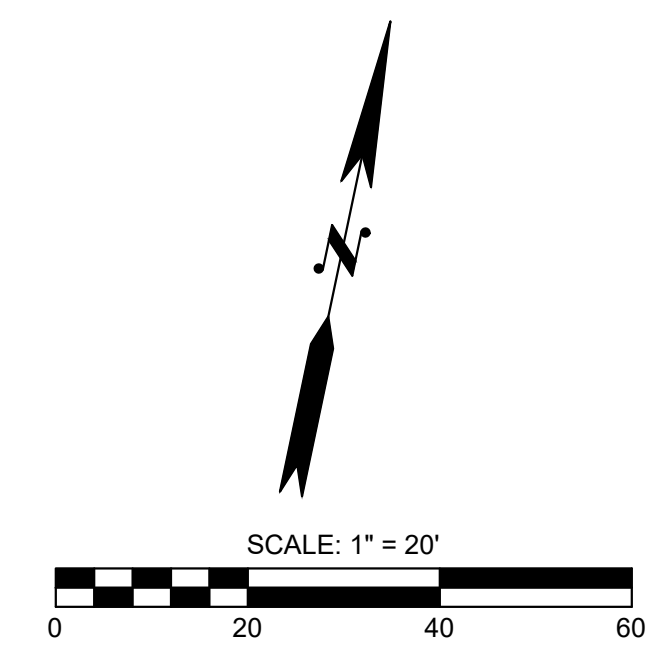


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FILE NAME: C:\PW\OCL\WORKING\DIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\MS265661P\_10-210058\_ROAD\_CHAN.DWG  
 PLOT TIME: 8/23/2023 2:42 PM  
 USER NAME: LAURA TURNDIGE

DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	DAVID EVANS AND ASSOCIATES INC.	NO.	DATE	REVISION	BY	LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN	JOB# / DWG 10-210058	DATE 08/25/2023
			SCALE H: 1"=20' V: N/A	CH04 SHEET 59 of 101					





**GENERAL NOTES:**

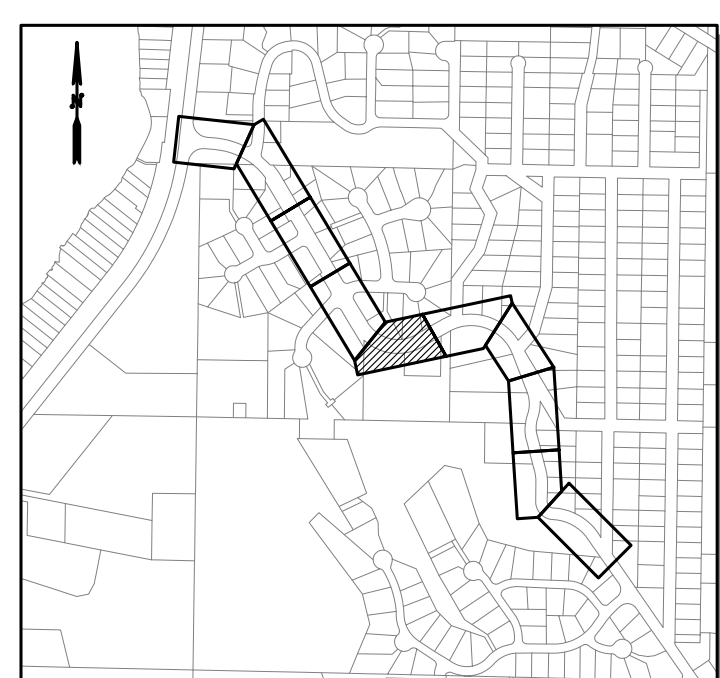
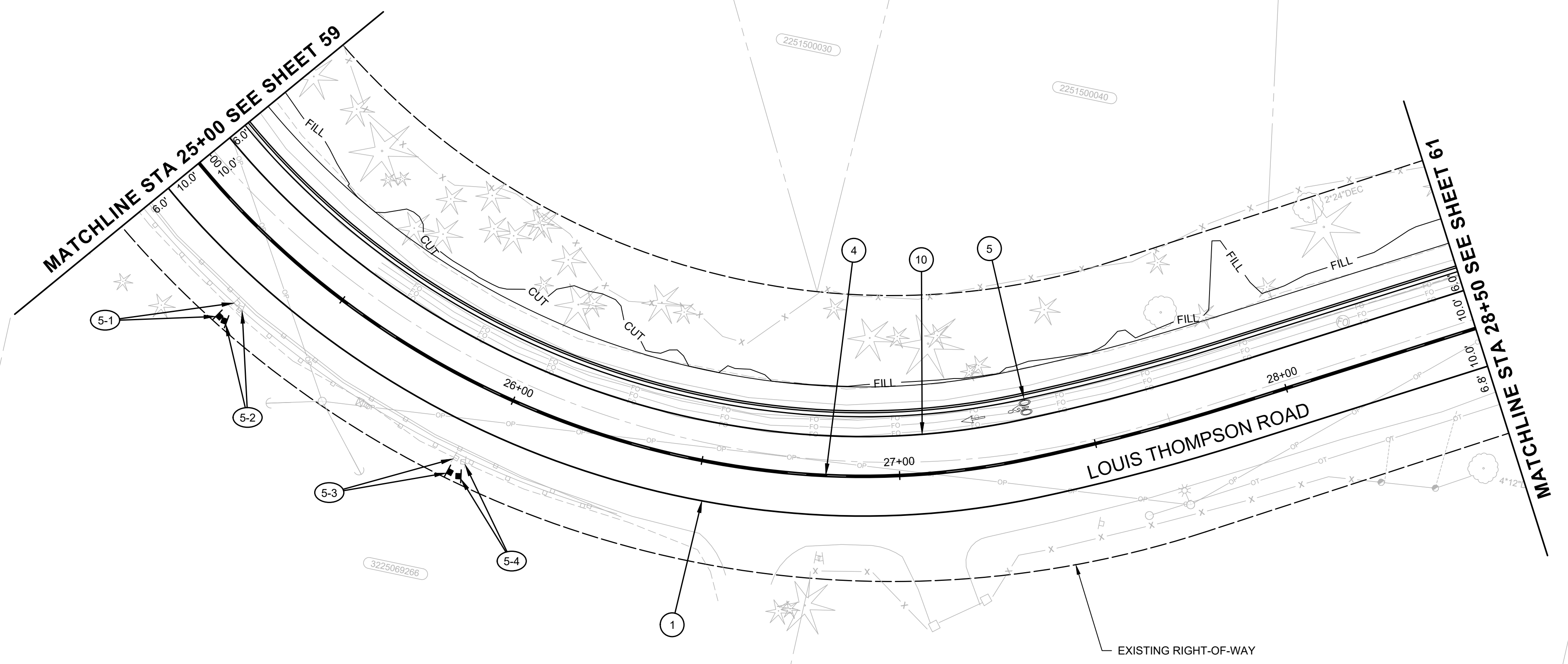
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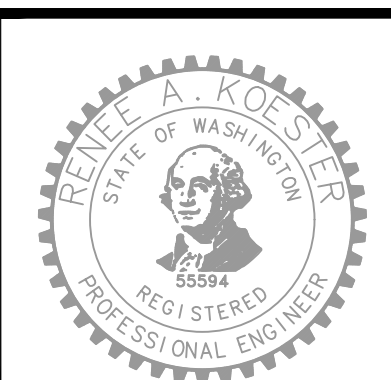
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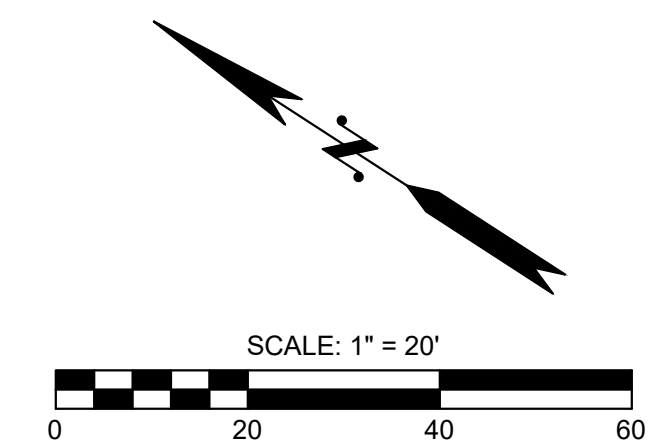
FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058\_ROAD\_CHAN.DWG  
PLOT TIME: 8/23/2023 2:42 PM  
USER NAME: LAURA TURNDIGE

DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	 Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	 DAVID EVANS AND ASSOCIATES INC.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	REVISION	BY					 City of Sammamish Washington	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 08/25/2023 CH05 SHEET 60 of 101
NO.	DATE	REVISION	BY												









**GENERAL NOTES:**

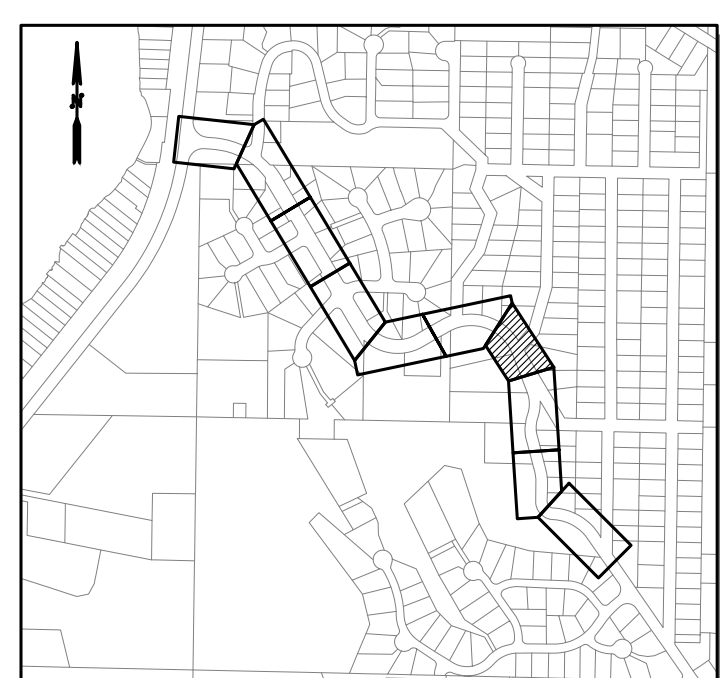
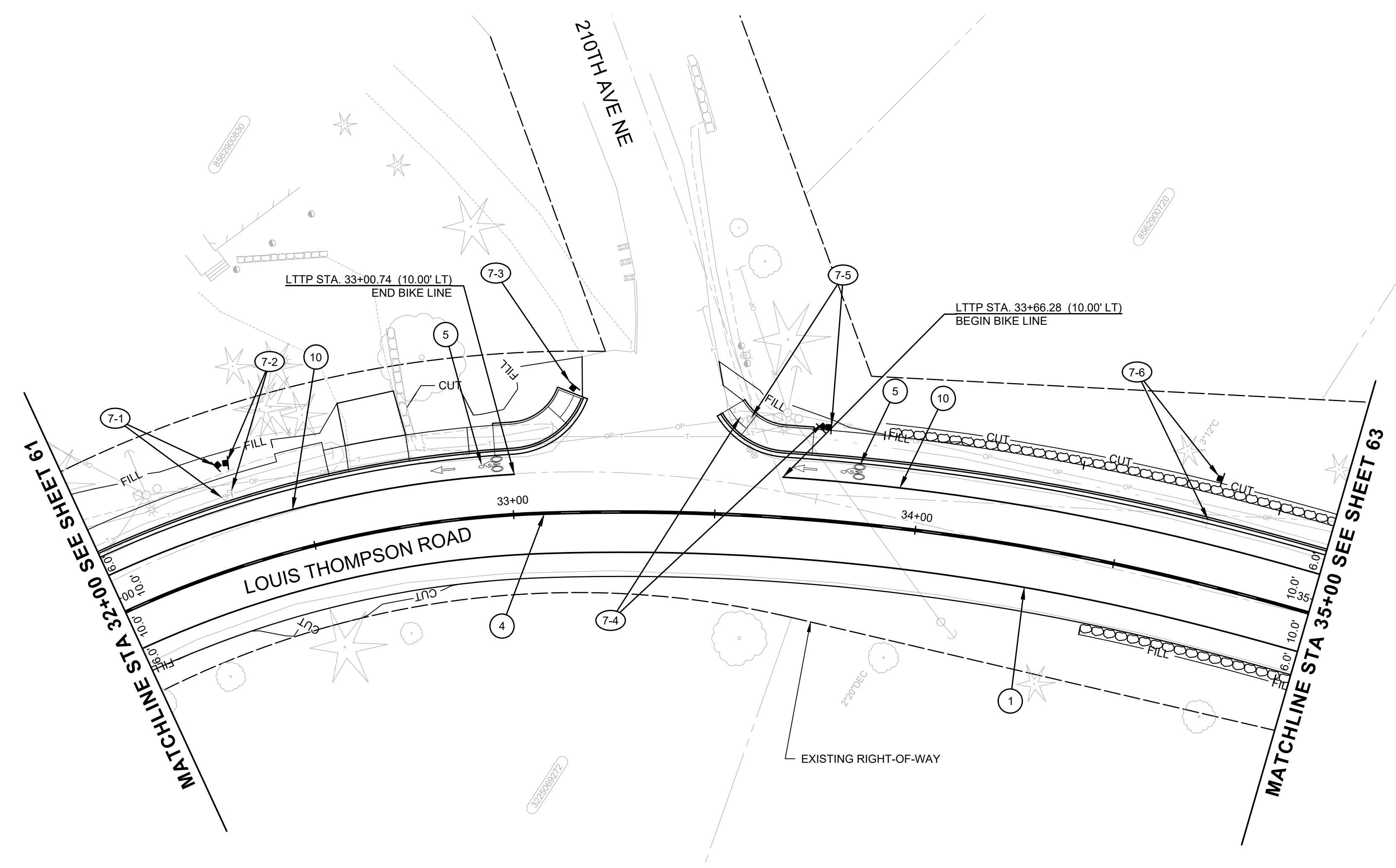
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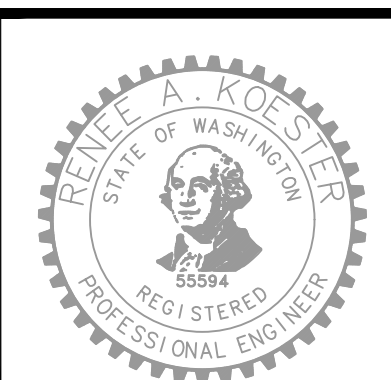
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- SIGN REMOVAL NOTE
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- PROPOSED MAILBOX LOCATION



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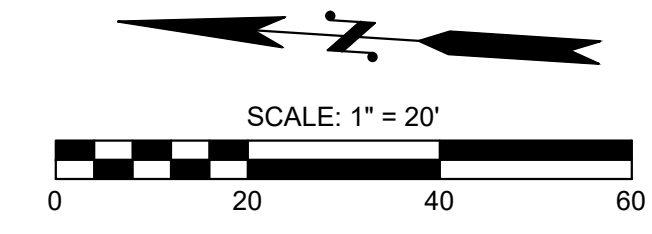


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FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P\_10-210058\_ROAD\_CHAN.DWG  
PLOT TIME: 8/23/2023 2:42 PM  
USER NAME: LAURA TURNDIDGE

DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	 <b>Osborn Consulting, Inc.</b> Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	 <b>DAVID EVANS AND ASSOCIATES INC.</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	REVISION	BY					 City of Sammamish Washington	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 08/25/2023 <b>CH07</b> SHEET 62 of 101
NO.	DATE	REVISION	BY												





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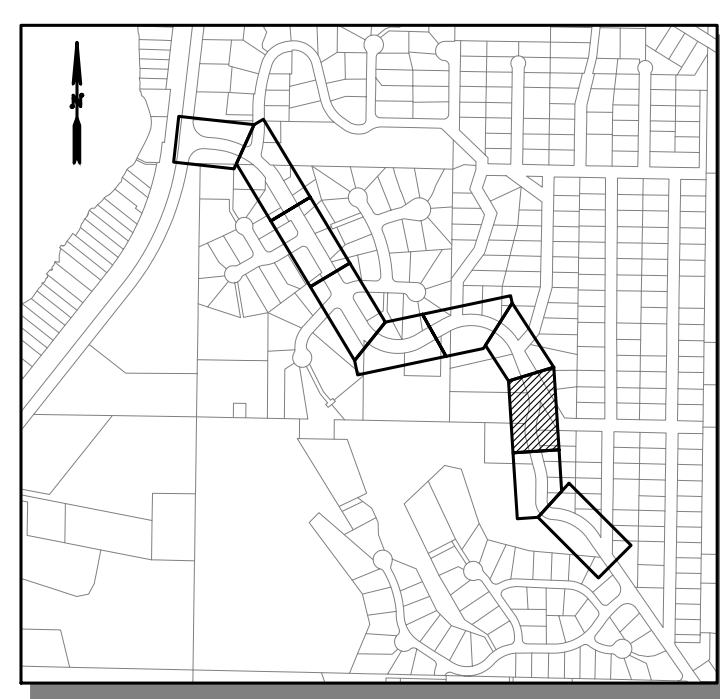
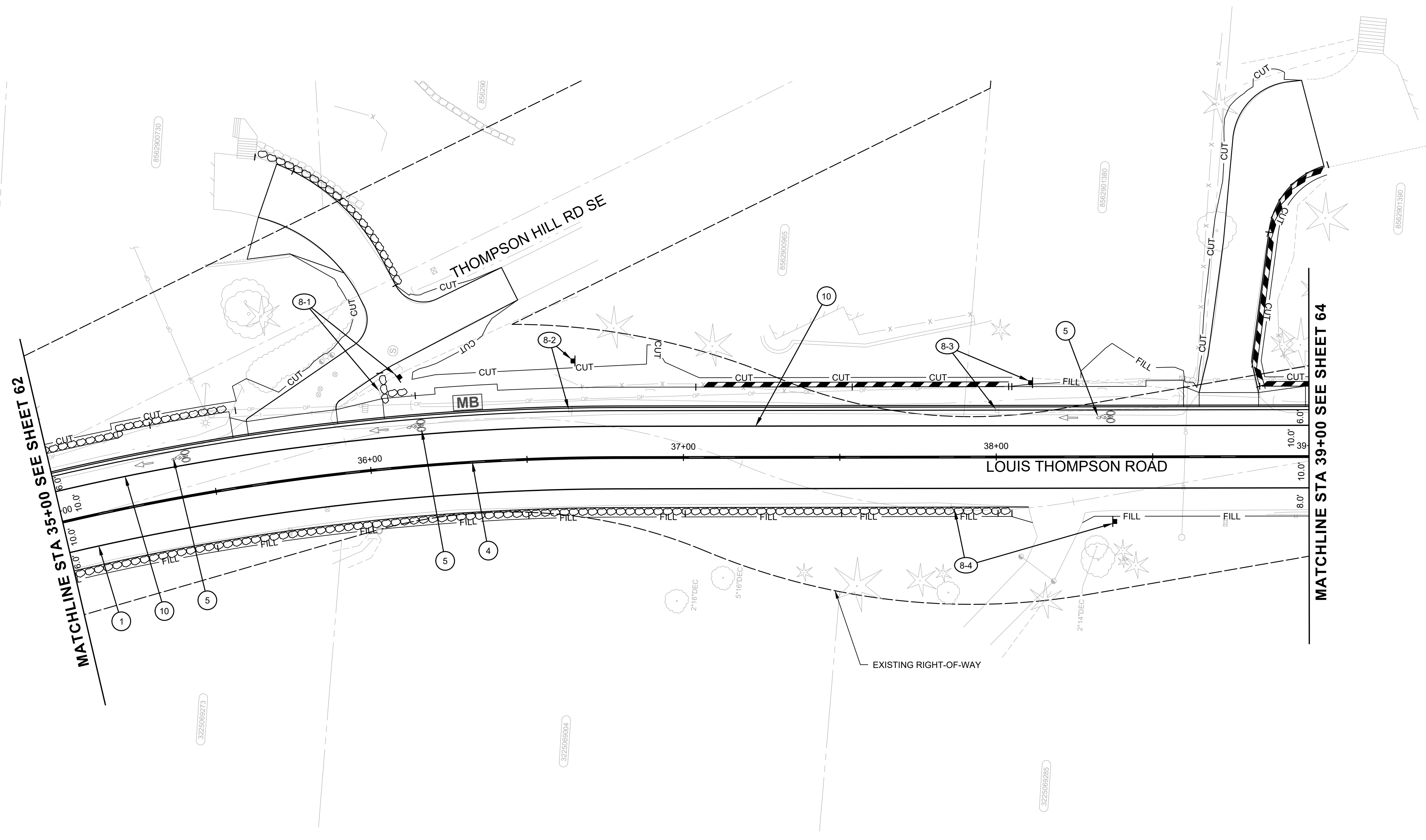
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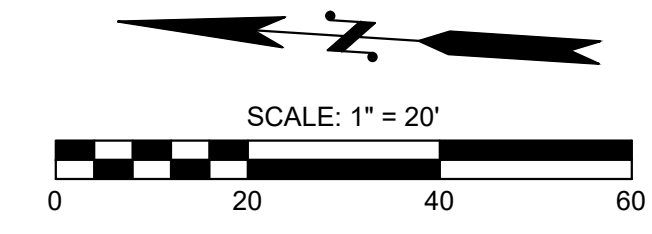


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PLOT TIME: 8/23/2023 2:42 PM  
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			SCALE H: 1"=20' V: N/A		SHEET 63 of 101				CH08	





**GENERAL NOTES:**

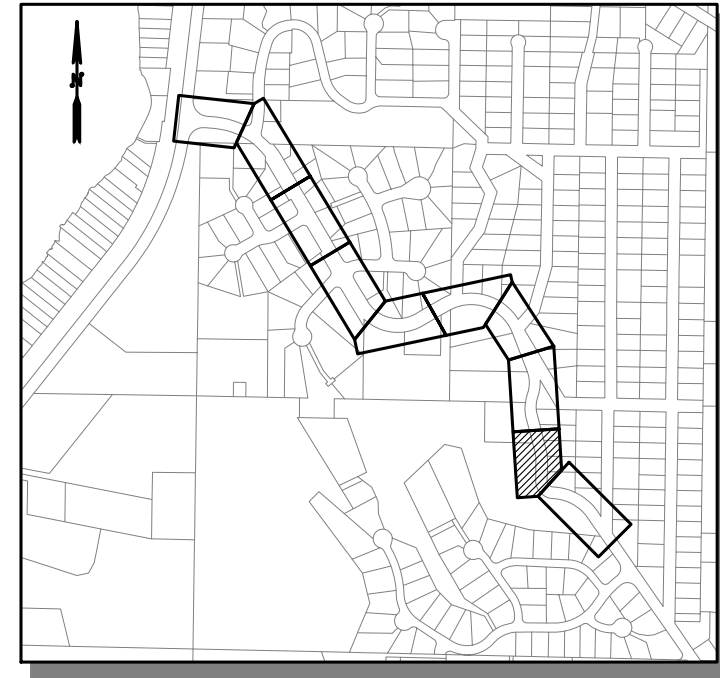
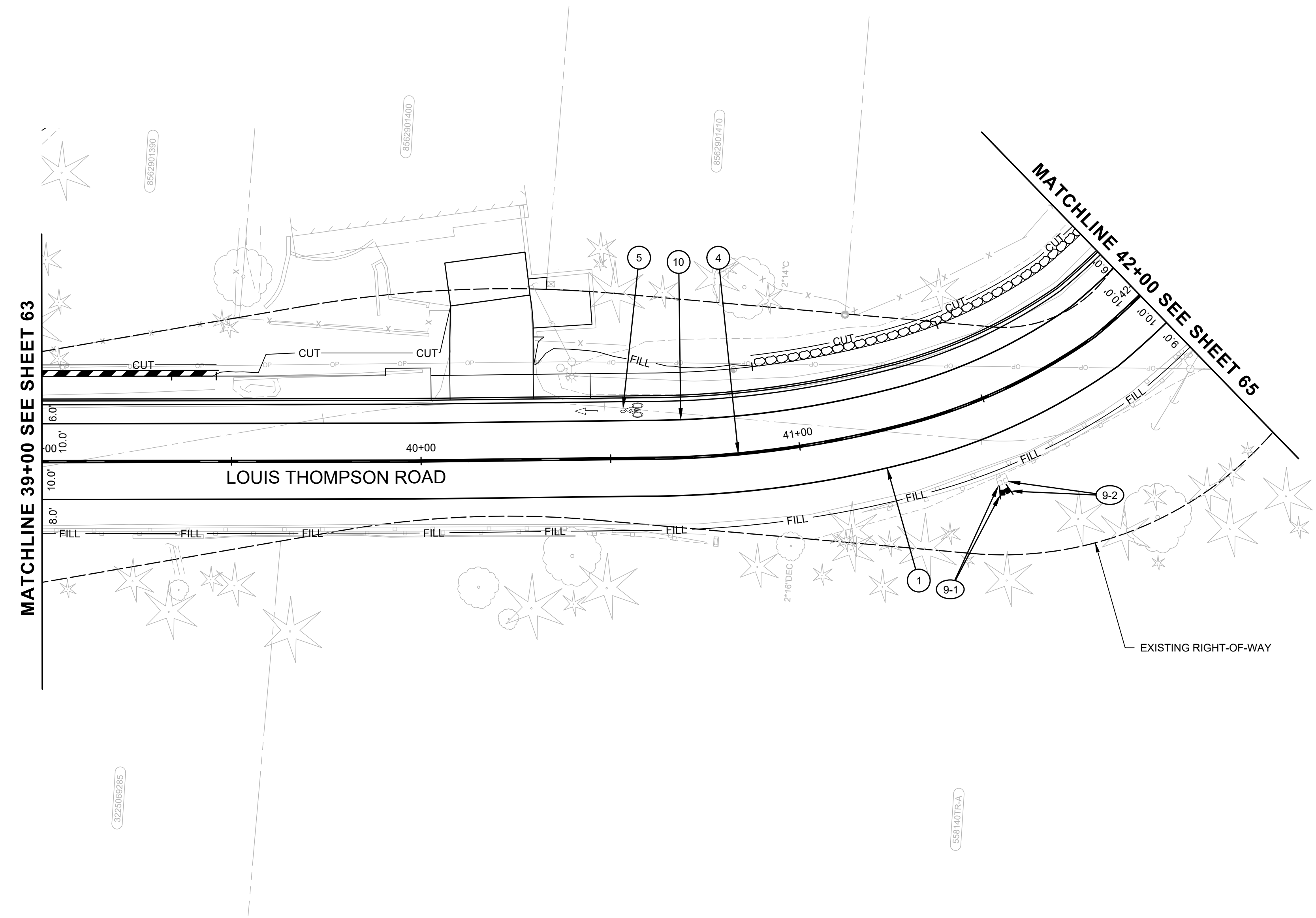
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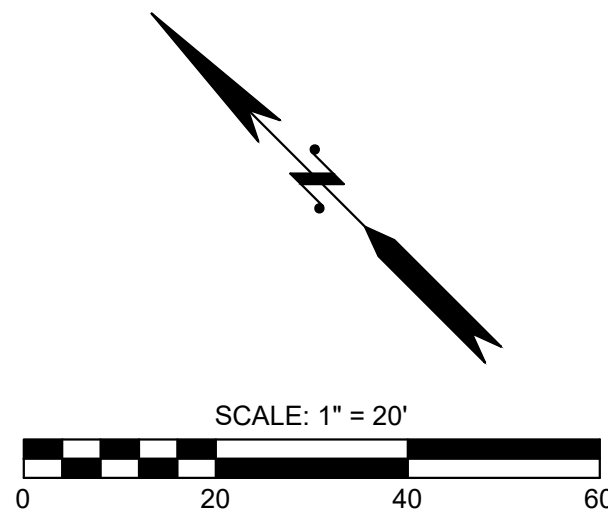


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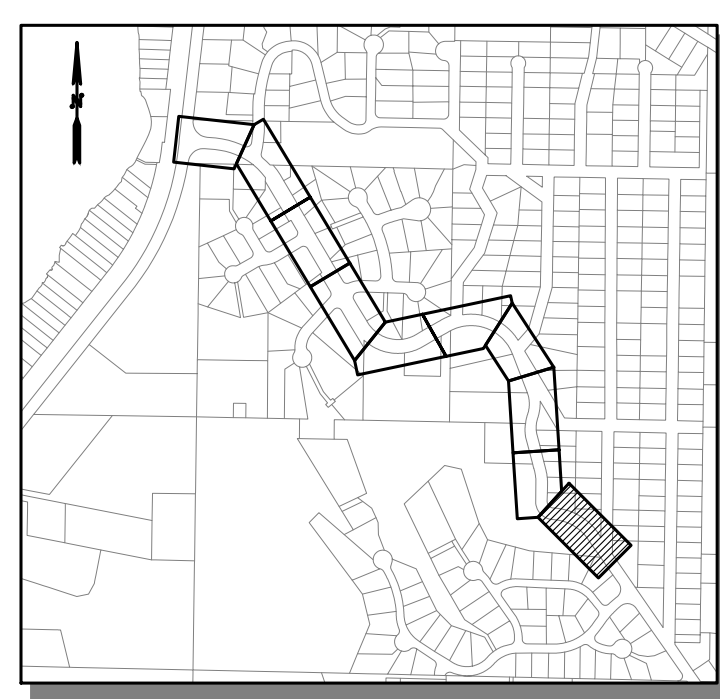
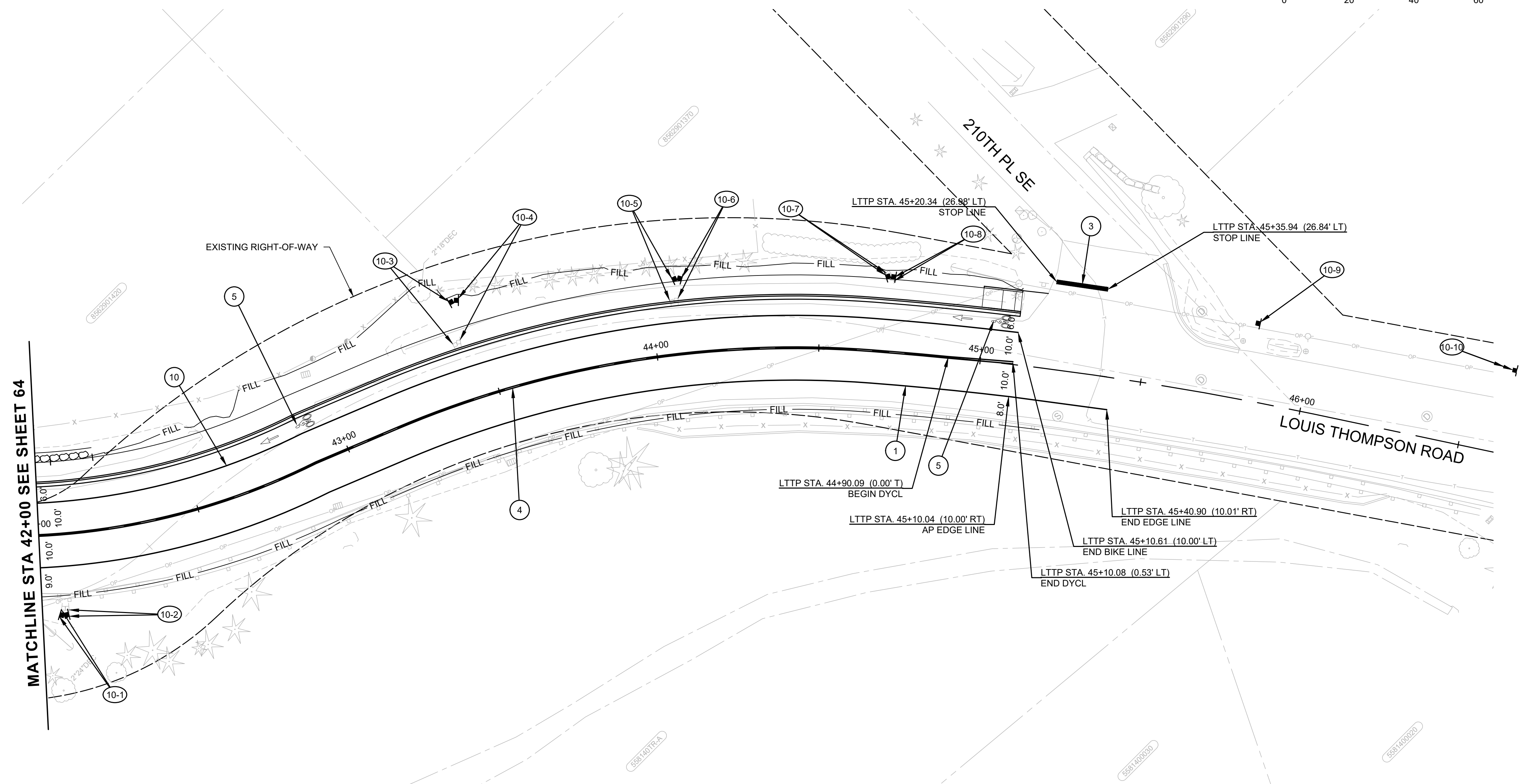
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			SCALE H: 1"=20' V: N/A	CH10 SHEET 65 of 101					



SIGN INSTALLATION SCHEDULE

SIGN #	SIGN CODE	SIGN DESCRIPTION	PROPOSED SIGN LOCATION			SIGN SIZE		POST MATERIAL	MOUNTING HEIGHT	COMMENTS	
			STATION	LT/RT	OFFSET	WIDTH	HEIGHT				
2-1	W11-15	BIKE AND PED CROSSING	L TTP	13+12	LT	22.91	30"	30"	STEEL	7'	
	W16-1	SHARE THE ROAD	L TTP	13+12	LT	22.91	18"	24"	STEEL	7'	
2-2	R1-1	STOP	L TTP	13+18	LT	38.42	30"	30"	EX. STEEL	7'	
2-3	W1-8	CHEVRON LEFT	L TTP	13+87	LT	23.72	18"	24"	EX. STEEL	7'	
2-4	W3-3	SIGNAL AHEAD	L TTP	14+92	LT	24.00	30"	30"	EX. STEEL	7'	
2-5	R3-17	BIKE LANE	L TTP	16+60	LT	24.00	24"	30"	STEEL	7'	
	R3-17B	ENDS	L TTP	16+60	LT	24.00	24"	8"	STEEL	6'-4"	
3-1	R2-1	SPEED LIMIT 35 MPH	L TTP	19+29	RT	25.54	24"	30"	EX. STEEL	10'-6"	TALL POST
4-1	R1-1	STOP SIGN	L TTP	21+94	LT	37.52	30"	30"	EX. STEEL	7'	
4-2	W14-1	DEAD END	L TTP	22+42	LT	41.46	30"	30"	EX. STEEL	7'	
4-3	R2-1	SPEED LIMIT 35 MPH	L TTP	23+27	LT	23.75	24"	30"	EX. STEEL	7'	
4-4	CUSTOM	HIDDEN DRIVES AHEAD	L TTP	22+85	RT	21.47	30"	30"	STEEL	7'	
4-5	W1-8	CHEVRON LEFT	L TTP	22+79	RT	23.50	18"	24"	EX. STEEL	11'-6"	TALL POST
5-1	W1-8	CHEVRON LEFT	L TTP	25+30	RT	23.50	18"	24"	EX. STEEL	10'	TALL POST
5-2	W1-8	CHEVRON RIGHT	L TTP	25+31	RT	23.50	18"	24"	EX. STEEL	11'	TALL POST
5-3	W1-8	CHEVRON LEFT	L TTP	25+93	RT	23.50	18"	24"	EX. STEEL	11'	TALL POST
5-4	W1-8	CHEVRON RIGHT	L TTP	25+96	RT	23.50	18"	24"	EX. STEEL	9'-6"	TALL POST
6-1	W1-8	CHEVRON RIGHT	L TTP	29+58	LT	23.50	18"	24"	EX. STEEL	7'	
6-2	W1-8	CHEVRON LEFT	L TTP	29+59	LT	23.50	18"	24"	EX. STEEL	7'	
	D3-101	STREET NAME	L TTP	29+71	LT	34.16	8"	12"	EX. STEEL	8'-6"	REMOVE SIGN AND RELOCATE ABOVE SIGN 6-3 (R1-1)
6-3	R1-1	STOP	L TTP	29+71	LT	34.16	30"	30"	EX. STEEL	7'	INSTALL RELOCATED D3-101 FROM SIGN 6-2 ABOVE
6-4	W1-8	CHEVRON RIGHT	L TTP	30+99	LT	23.50	18"	24"	EX. STEEL	7'	
6-5	W1-8	CHEVRON LEFT	L TTP	31+01	LT	23.50	18"	24"	EX. STEEL	7'	
7-1	W1-8	CHEVRON RIGHT	L TTP	32+33	LT	23.50	18"	24"	EX. STEEL	7'	
7-2	W1-8	CHEVRON LEFT	L TTP	32+35	LT	23.50	18"	24"	EX. STEEL	7'	
7-3	R1-1	STOP	L TTP	33+15	LT	30.98	30"	30"	STEEL	7'	INSTALL RELOCATED D3-101 FROM SIGN 7-5 ABOVE
7-4	W1-8	CHEVRON RIGHT	L TTP	33+75	LT	23.50	18"	24"	EX. STEEL	6'	
7-5	W1-8	CHEVRON LEFT	L TTP	33+76	LT	23.50	18"	24"	EX. STEEL	7'	
	D3-101	STREET NAME	L TTP	33+15	LT	68.50	8"	12"	EX. STEEL	8'-6"	REMOVE SIGN AND RELOCATE ABOVE SIGN 7-3 (R1-1)
7-6	W1-8	CHEVRON LEFT	L TTP	34+71	LT	26.45	18"	24"	EX. STEEL	3'	SHORT POST
8-1	CUSTOM	PRIVATE - NEIGHBORHOOD WATCH & HOUSE NUMBER	L TTP	36+11	LT	28.53	30"	36"	EX. WOOD	EX	RELOCATE EXISTING SIGN AND POST
8-2	W11-3	DEER CROSSING	L TTP	36+64	LT	23.75	30"	30"	EX. STEEL	7'	
8-3	W1-3L	REVERSE TURN LEFT	L TTP	36+66	LT	31.04	30"	30"	EX. STEEL	8'	
	W13-1P	ADVISORY SPEED 25 MPH	L TTP	36+66	LT	31.04	18"	18"	EX. STEEL	6'-6"	MOUNT BELOW REVERSE TURN LEFT
8-4	W1-3L	REVERSE TURN LEFT	L TTP	38+38	RT	20.66	30"	30"	EX. STEEL	8'	
	W13-1P	ADVISORY SPEED 25 MPH	L TTP	38+38	RT	20.66	18"	18"	EX. STEEL	6'-6"	MOUNT BELOW REVERSE TURN LEFT
9-1	W1-8	CHEVRON LEFT	L TTP	41+46	RT	25.00	18"	24"	EX. STEEL	9'-6"	TALL POST
9-2	W1-8	CHEVRON RIGHT	L TTP	41+47	RT	25.00	18"	24"	EX. STEEL	9'-6"	TALL POST
10-1	W1-8	CHEVRON LEFT	L TTP	42+05	RT	25.00	18"	24"	EX. STEEL	7'-6"	TALL POST
10-2	W1-8	CHEVRON RIGHT	L TTP	42+07	RT	25.00	18"	24"	EX. STEEL	7'-6"	TALL POST
10-3	W1-8	CHEVRON RIGHT	L TTP	43+44	LT	30.63	18"	24"	EX. STEEL	7'	
10-4	W1-8	CHEVRON LEFT	L TTP	43+46	LT	30.56	18"	24"	EX. STEEL	7'	
10-5	W1-8	CHEVRON RIGHT	L TTP	44+08	RT	23.25	18"	24"	EX. STEEL	7'	
10-6	W1-8	CHEVRON LEFT	L TTP	44+09	RT	23.25	18"	24"	EX. STEEL	7'	
10-7	W1-8	CHEVRON RIGHT	L TTP	44+70	RT	23.25	18"	24"	EX. STEEL	7'	
10-8	W1-8	CHEVRON LEFT	L TTP	44+71	RT	23.25	18"	24"	EX. STEEL	7'	
10-9	CUSTOM	HIDDEN DRIVES AHEAD	L TTP	45+83	LT	24.50	30"	30"	STEEL	8'-6"	
	W16-4P	NEXT 1/2 MILE	L TTP	45+83	LT	24.50	30"	24"	STEEL	6'	
10-10	R3-17	BIKE LANE	L TTP	46+85	LT	24.50	30"	30"	STEEL	8'	
	R3-17A	AHEAD	L TTP	46+85	LT	24.50	30"	8"	STEEL	6'-6"	

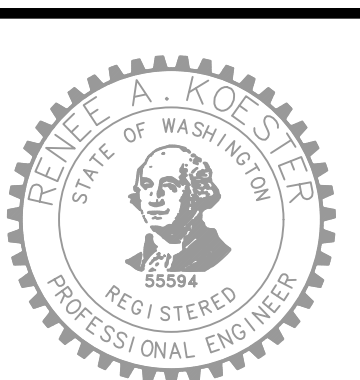


**GENERAL SIGNING NOTES:**

- SEE SHEETS CH01-CH10 FOR CHANNELIZATION AND SIGNING PLANS.
- ALL SIGN LOCATIONS SHALL BE MARKED OR STAKED PRIOR TO INSTALLATION FOR APPROVAL BY THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL SIGNS WITHIN THE PROJECT LIMITS NOT NOTED ON THE PLANS.
- REFER TO C.O.S. FIG 4-06 FOR SIGN INSTALLATION. ALL RELOCATED SIGNS SHALL BE INSTALLED ON A NEW POST PER C.O.S. FIG 4-06. EXISTING FOUNDATIONS SHALL BE REMOVED AND BACKFILLED, UNLESS OTHERWISE NOTED.
- SIGN CLEARANCE FROM BOTTOM OF SINGLE SIGNS SHALL BE 7' ABOVE FINISHED GRADE.



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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW.BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P\_10-210058\_ROAD\_CHAN.DWG  
PLOT TIME: 8/23/2023 2:42 PM  
USER NAME: LAURA TURNDIGE

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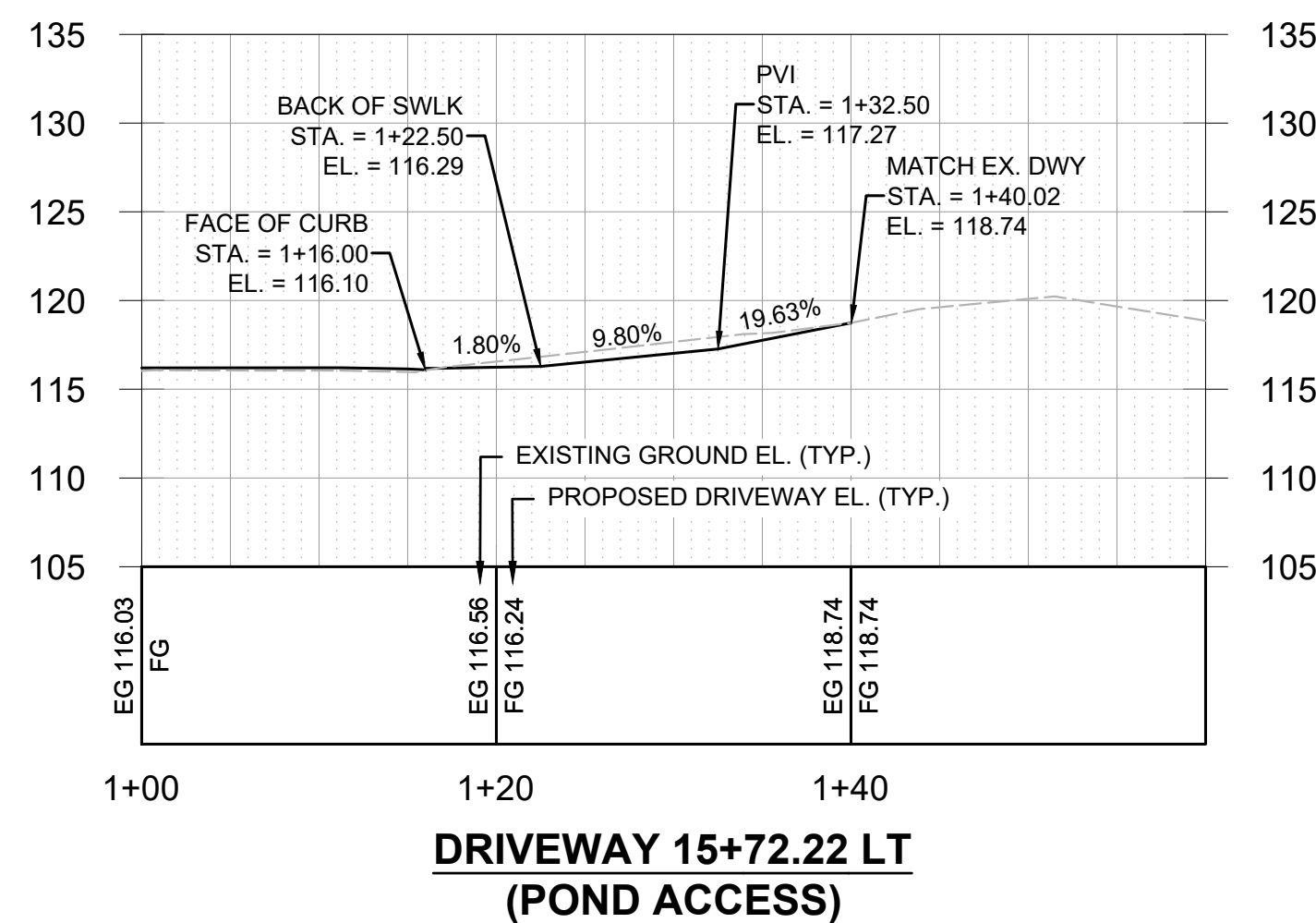
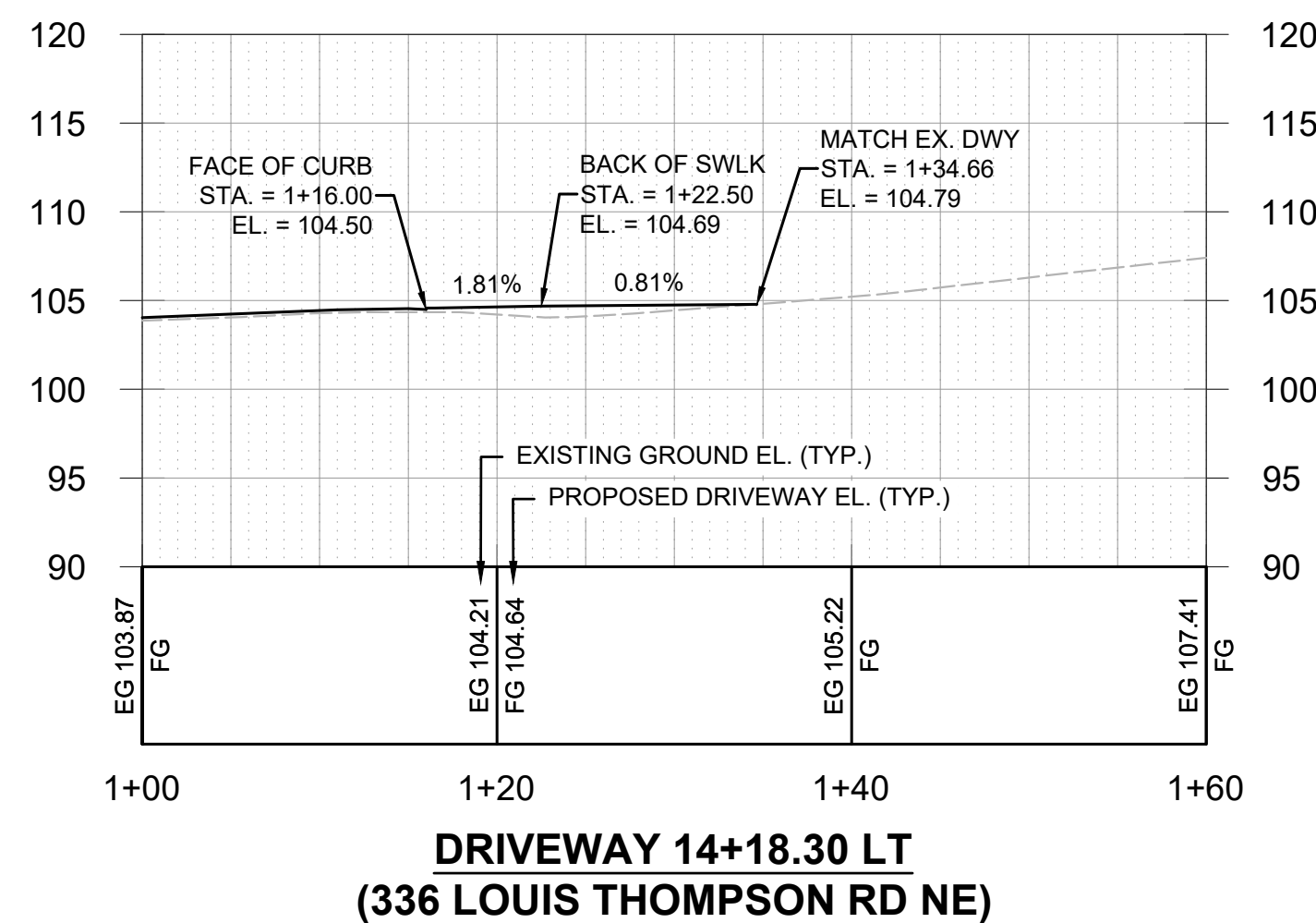
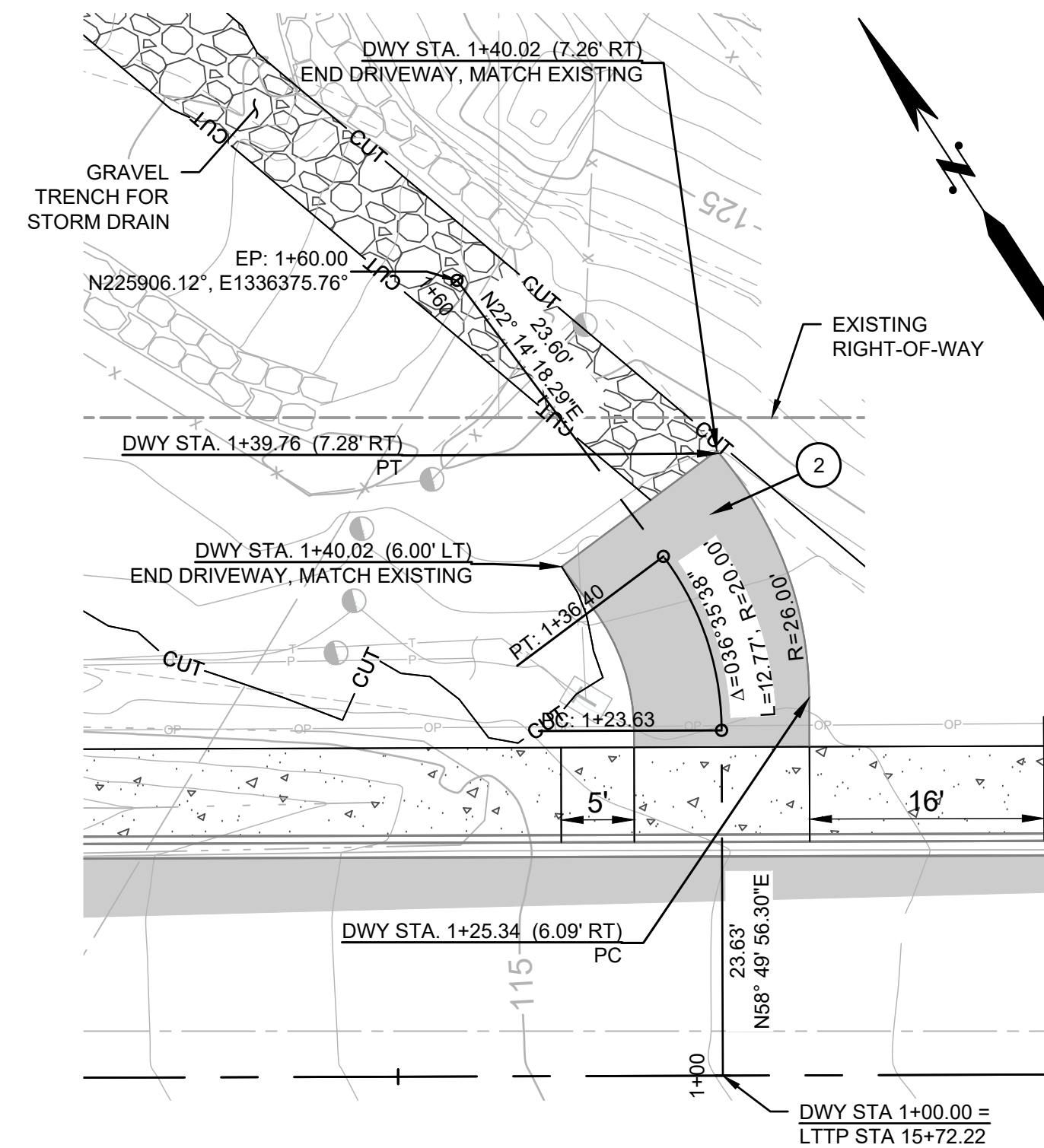
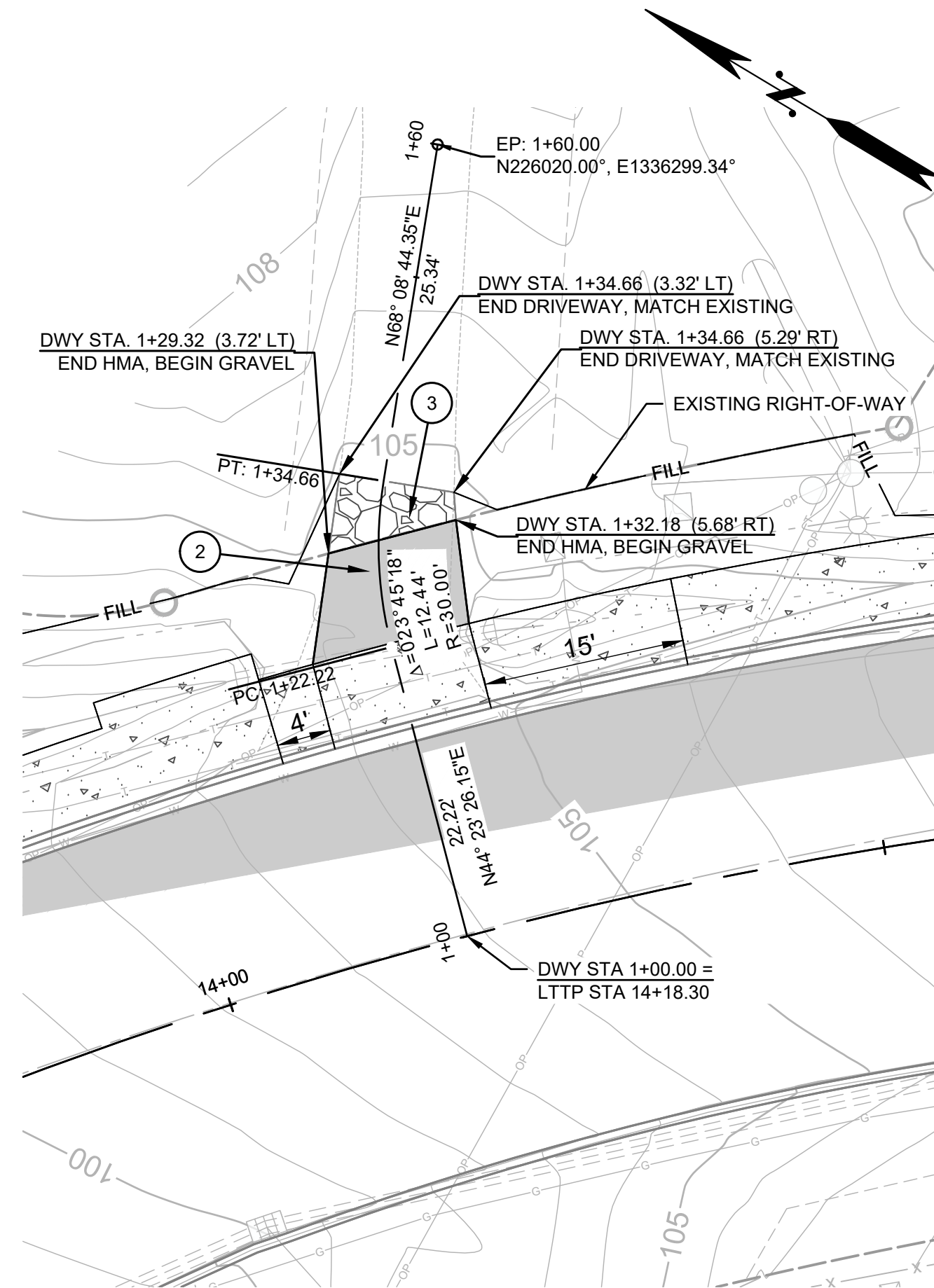


LOUIS THOMPSON ROAD TIGHTLINE PROJECT  
CITY OF SAMMAMISH  
SIGNING SCHEDULE

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: N/A V: N/A	SN01 SHEET 66 of 101



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 PLOT TIME: 8/23/2023 2:43 PM  
 USER NAME: LAURA TURNDIGE



**GENERAL NOTES:**

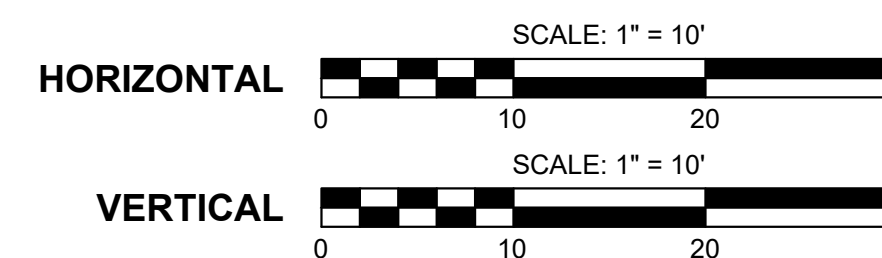
- SEE SHEET 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN.
- SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
- DRIVEWAY PVI ARE FOR 10' VERTICAL CURVES.

**CONSTRUCTION NOTES:**

- CONSTRUCT CONCRETE DRIVEWAY PER SHEET 73.
- CONSTRUCT HMA DRIVEWAY PER SHEET 73.
- CONSTRUCT GRAVEL DRIVEWAY PER SHEET 73.

**LEGEND**

- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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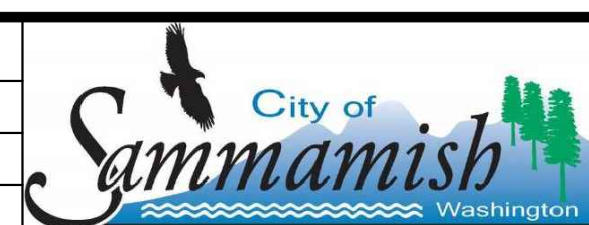


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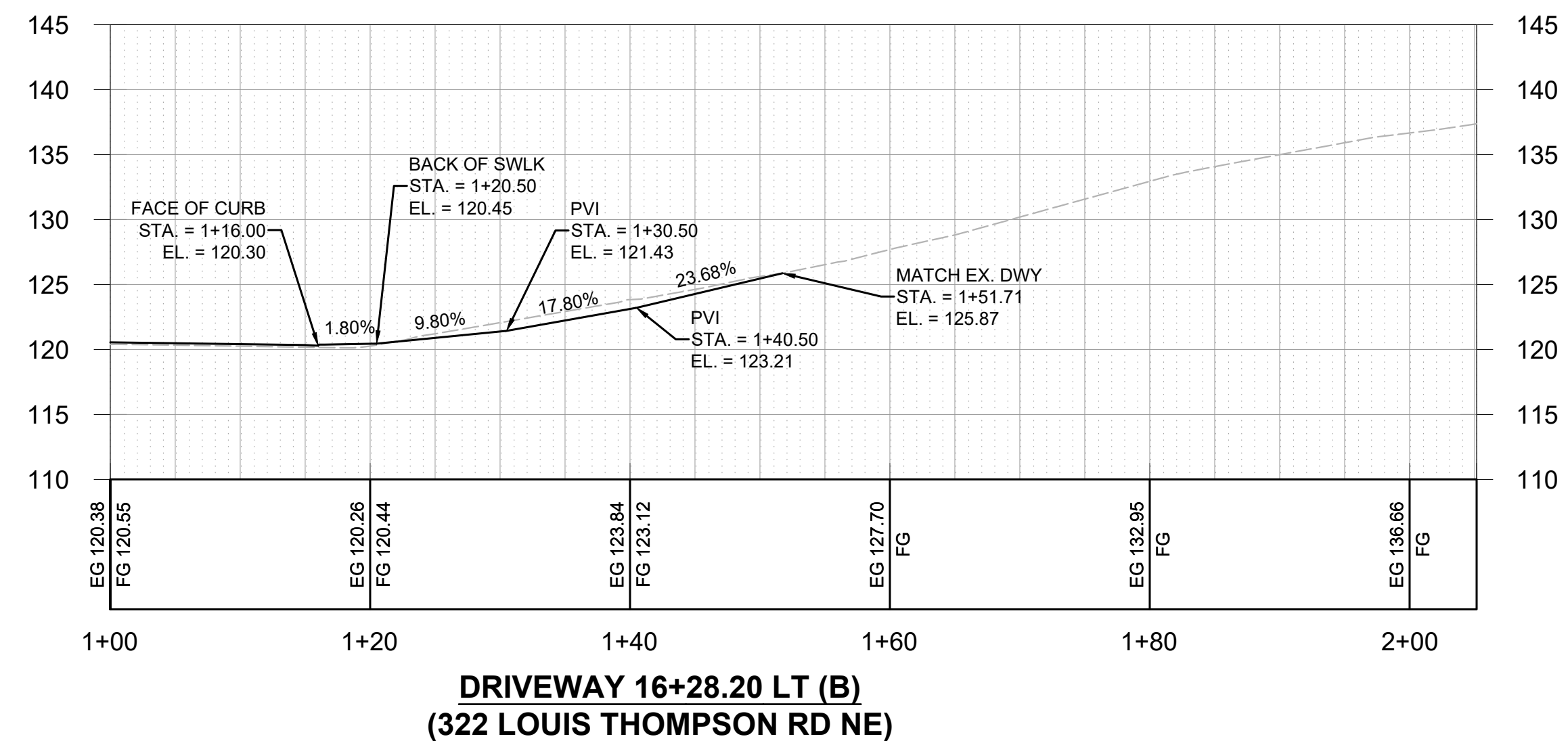
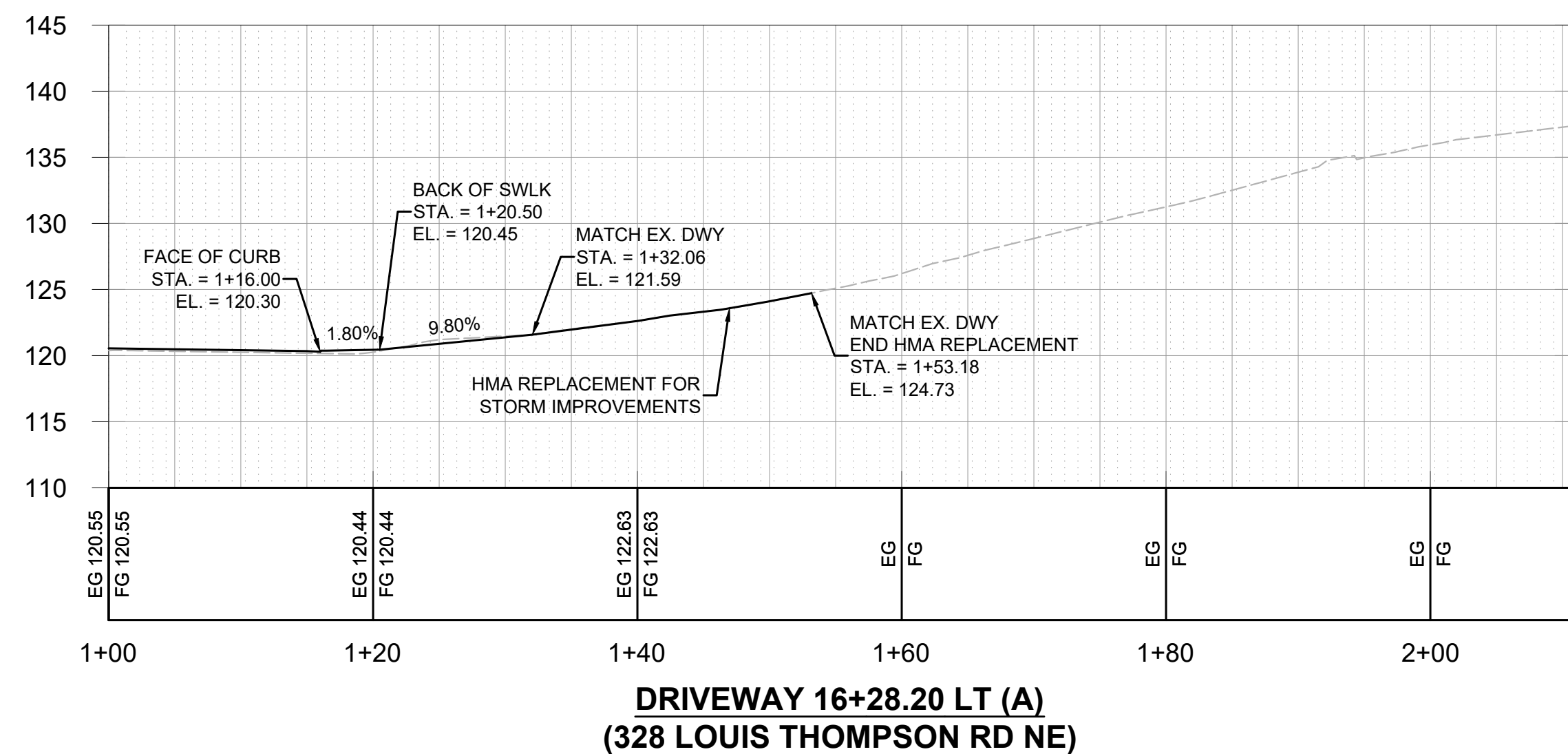
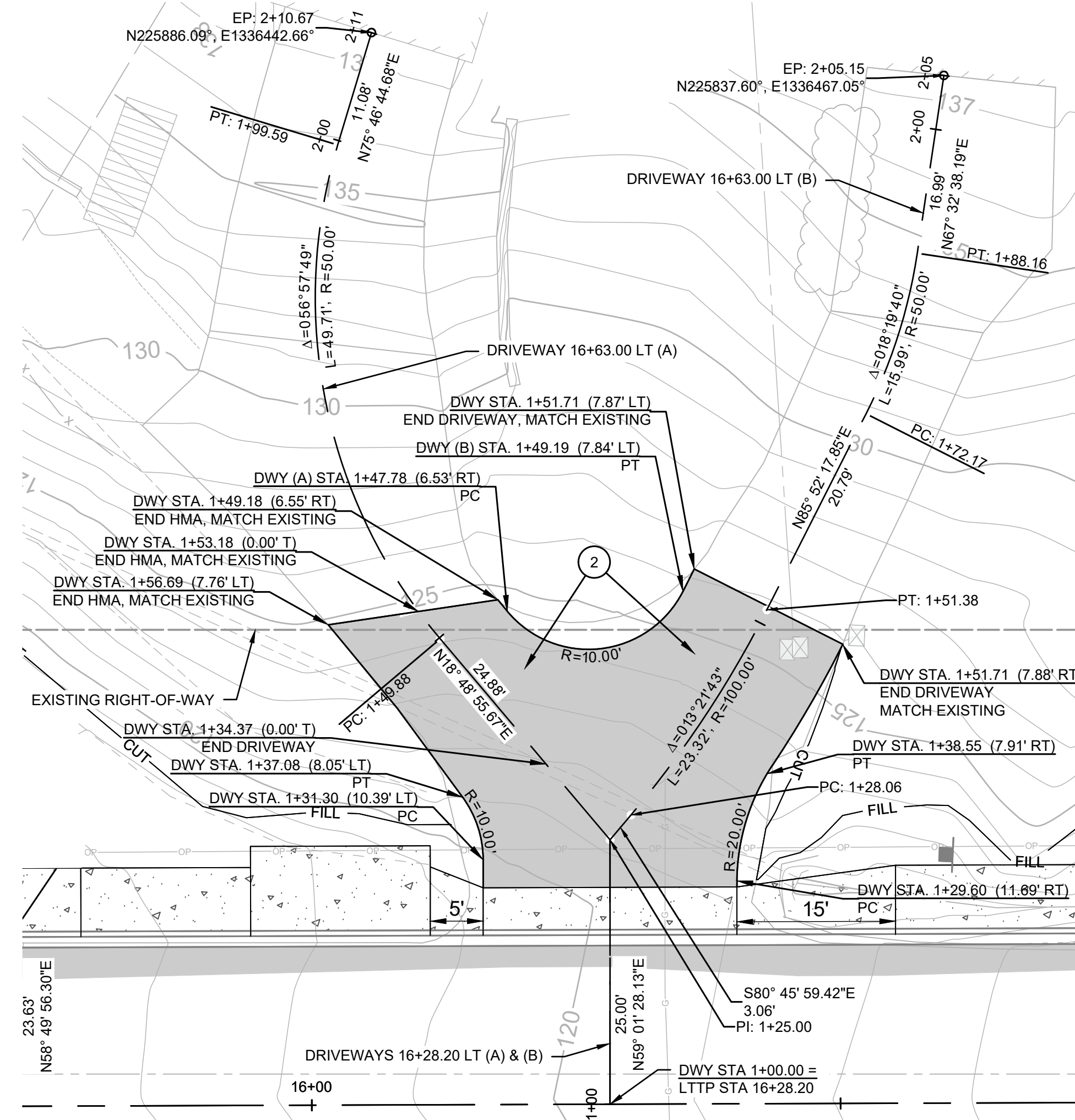


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 DRIVEWAY PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW01
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 PLOT TIME: 8/23/2023 2:44 PM  
 USER NAME: LAURA TURNDIGE



**GENERAL NOTES:**

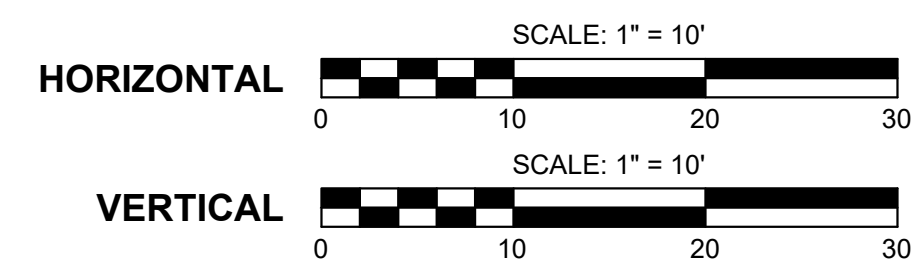
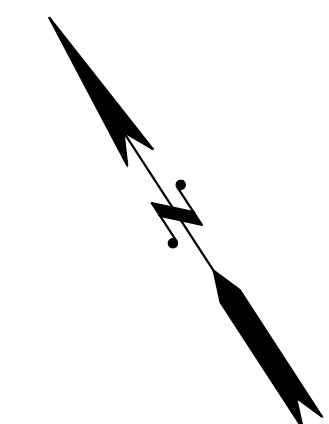
- SEE SHEET 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN.
- SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
- DRIVEWAY PVI ARE FOR 10' VERTICAL CURVES.

**CONSTRUCTION NOTES:**

- CONSTRUCT CONCRETE DRIVEWAY PER SHEET 73.
- CONSTRUCT HMA DRIVEWAY PER SHEET 73.
- CONSTRUCT GRAVEL DRIVEWAY PER SHEET 73.

**LEGEND**

- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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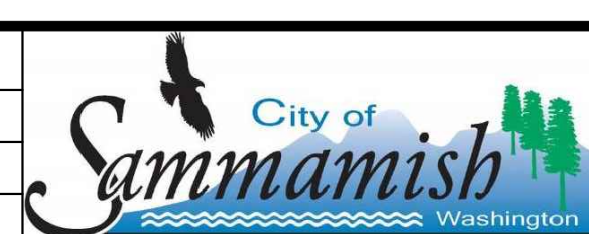


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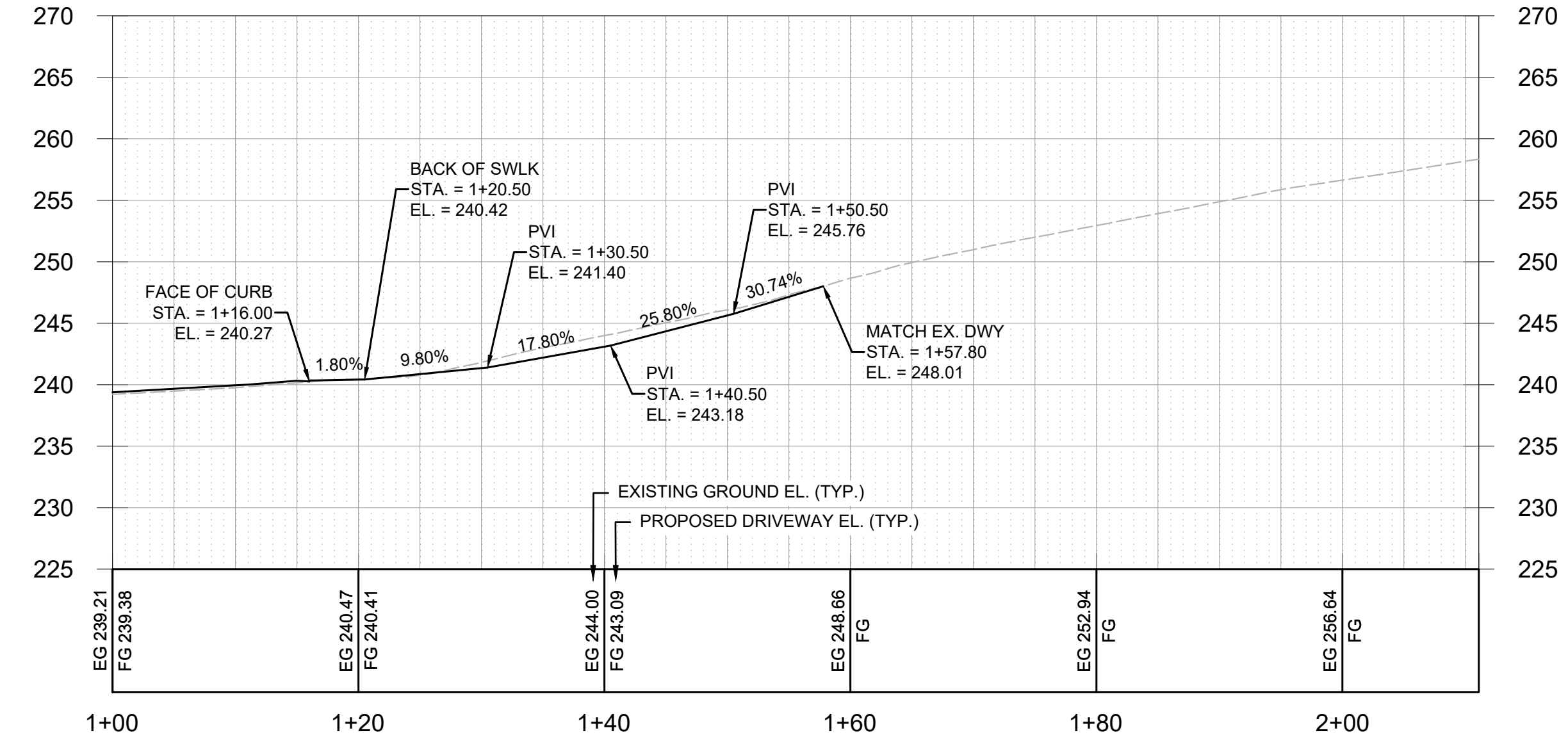
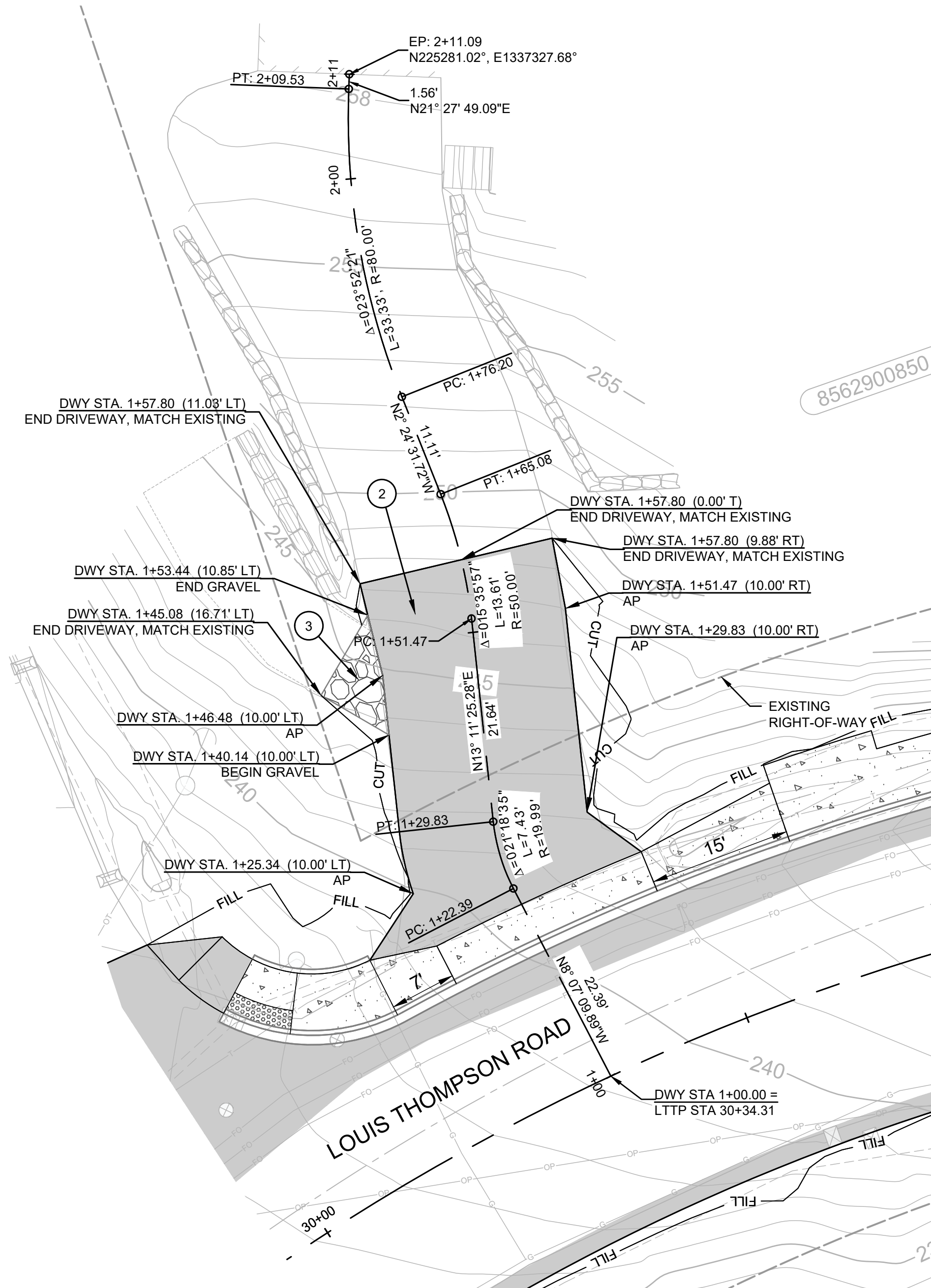


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 DRIVEWAY PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW02
SHEET		68 of 101	



FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIDGE\MS265661P\_10-210058\_DWY.DWG  
 PLOT TIME: 8/23/2023 2:44 PM  
 USER NAME: LAURA TURNDIDGE



**DRIVEWAY 30+34.31 LT  
 (124 LOUIS THOMPSON RD NE)**

**GENERAL NOTES:**

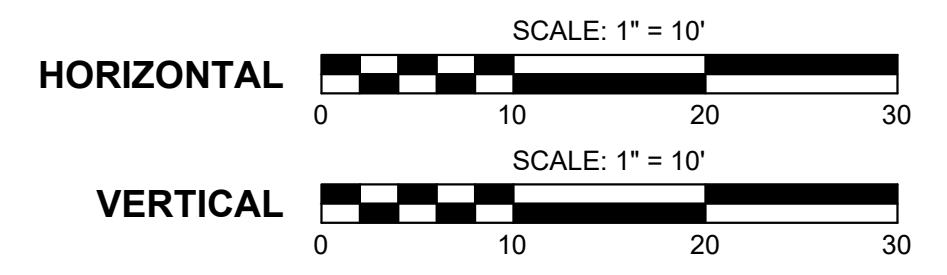
- SEE SHEET 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN.
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- CONSTRUCT HMA DRIVEWAY PER SHEET 73.
- CONSTRUCT GRAVEL DRIVEWAY PER SHEET 73.

**LEGEND**

- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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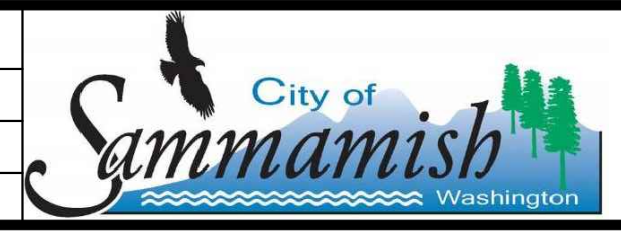


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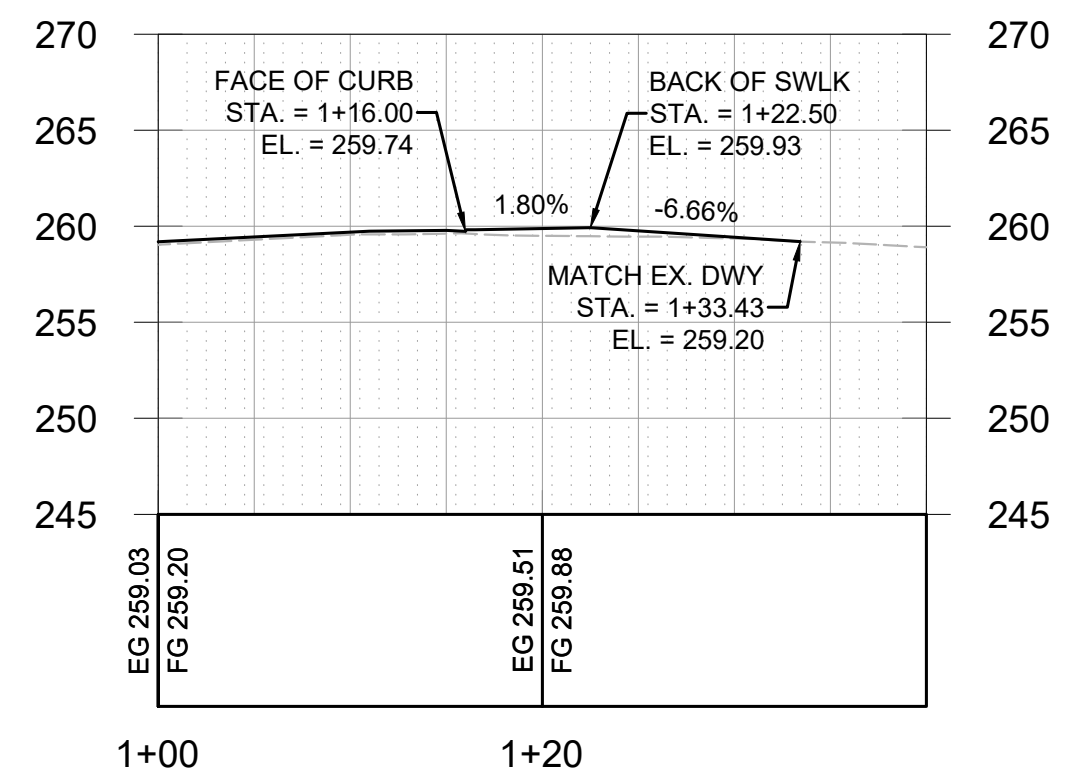
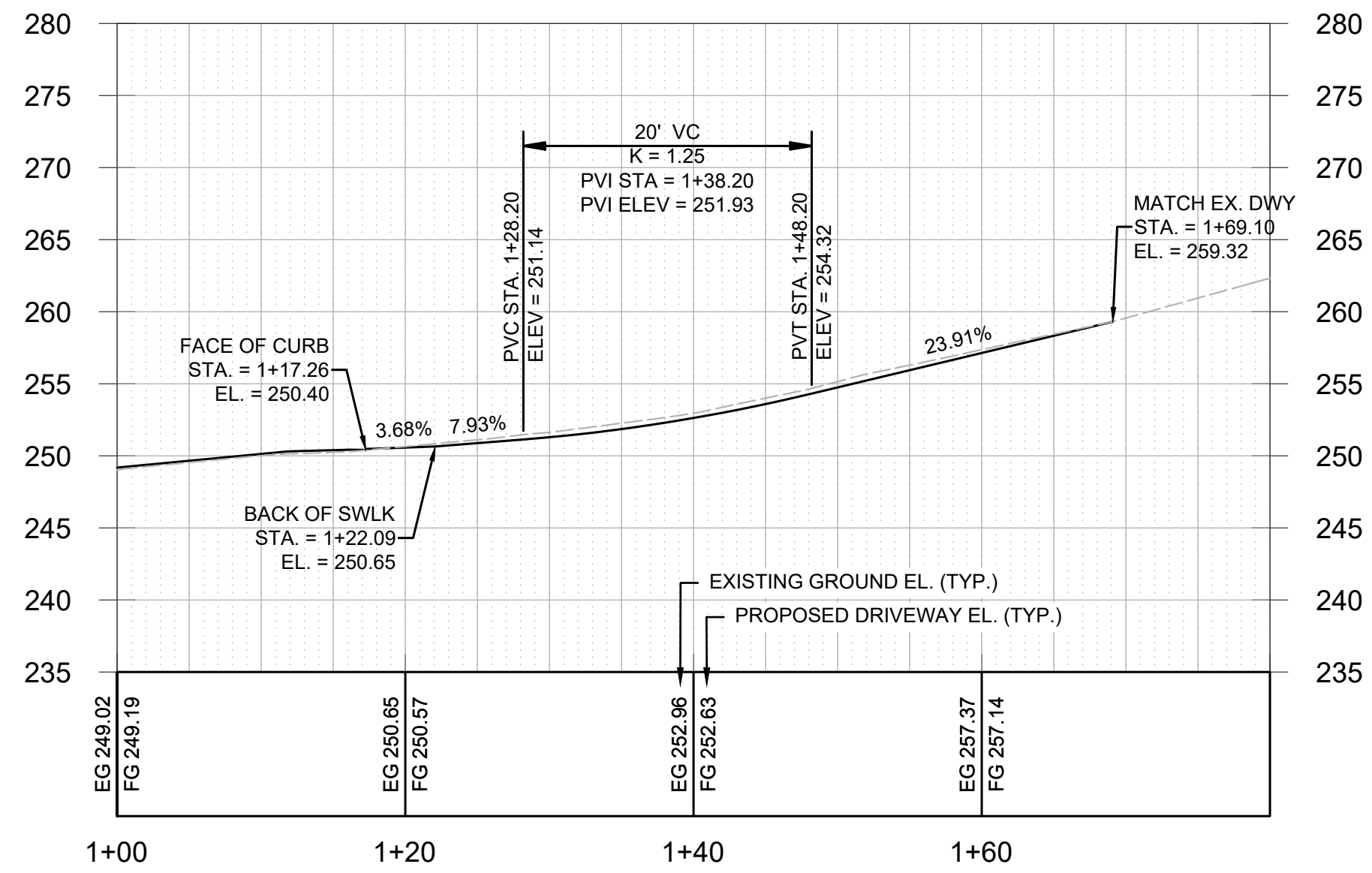
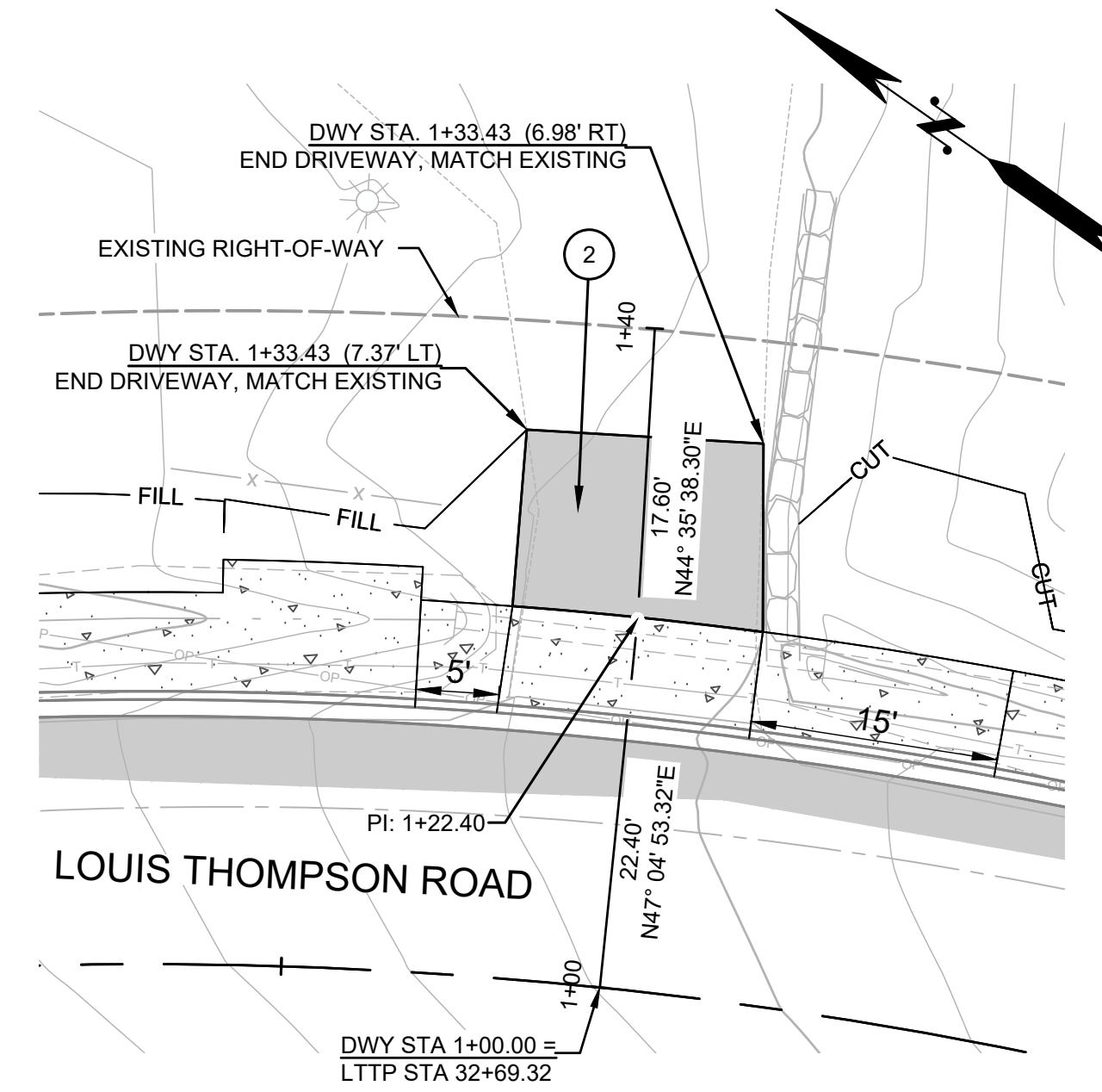
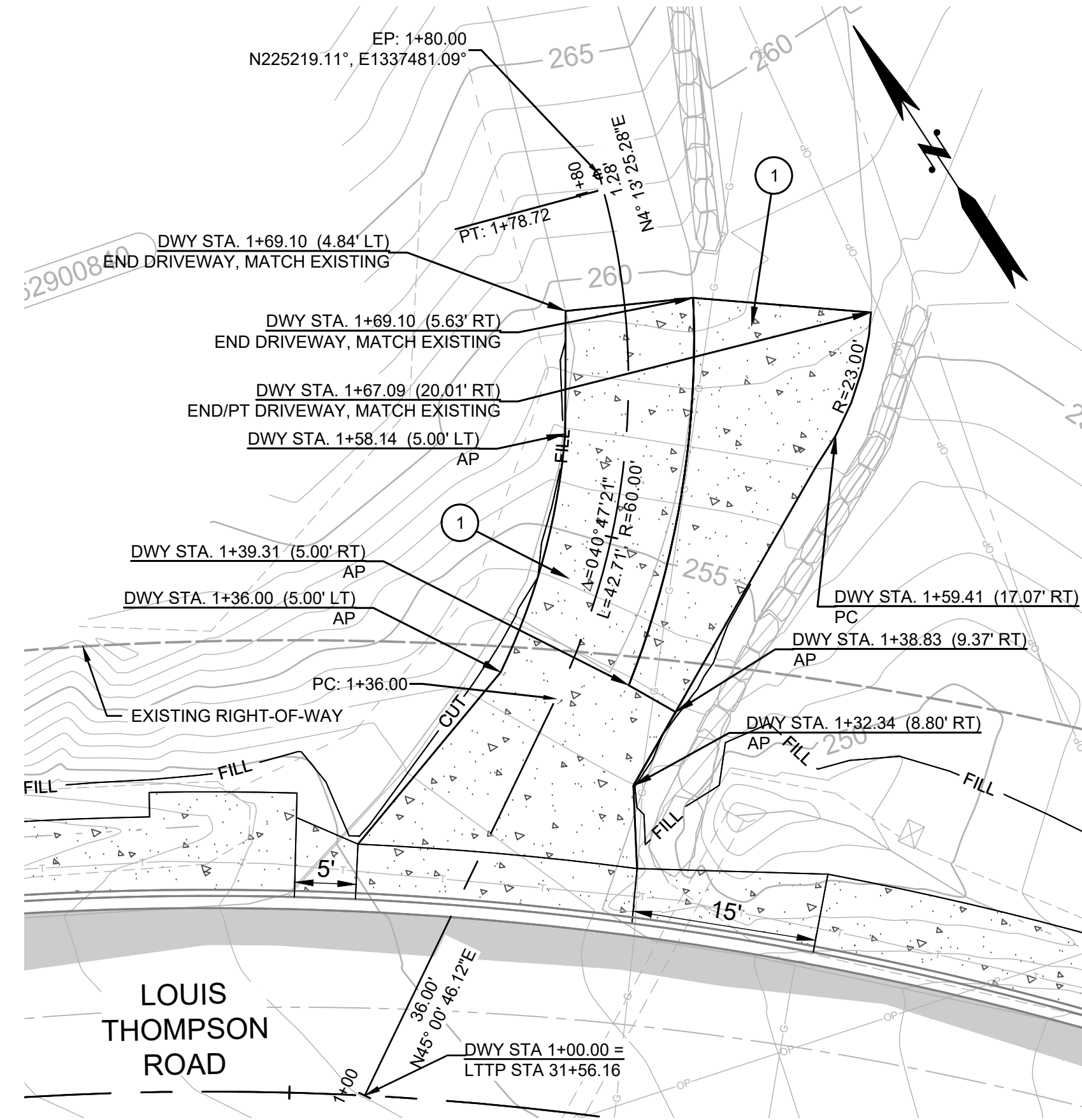


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**DRIVEWAY PLAN AND PROFILE**

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=10' V: 1"=5'	DWG# DW03
SHEET 69 of 101	



FILE NAME: C:\P\OCL\WORKINGDIROSBORNCONSULTING-PW.BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P\_10-210058\_DWY.DWG  
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 USER NAME: LAURA TURNDIDGE



**GENERAL NOTES:**

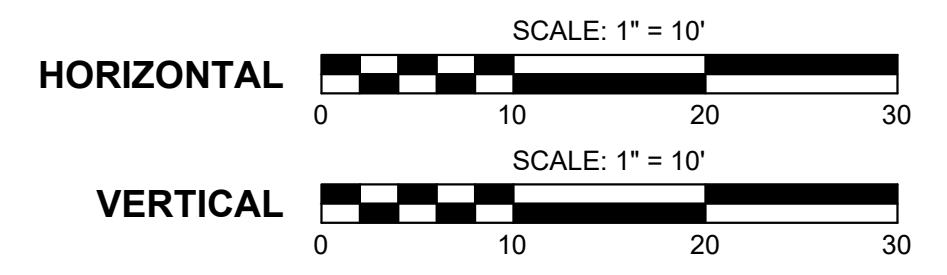
- SEE SHEET 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN.
- SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
- DRIVEWAY PVI ARE FOR 10' VERTICAL CURVES.

**CONSTRUCTION NOTES:**

- CONSTRUCT CONCRETE DRIVEWAY PER SHEET 73.
- CONSTRUCT HMA DRIVEWAY PER SHEET 73.
- CONSTRUCT GRAVEL DRIVEWAY PER SHEET 73.

**LEGEND**

- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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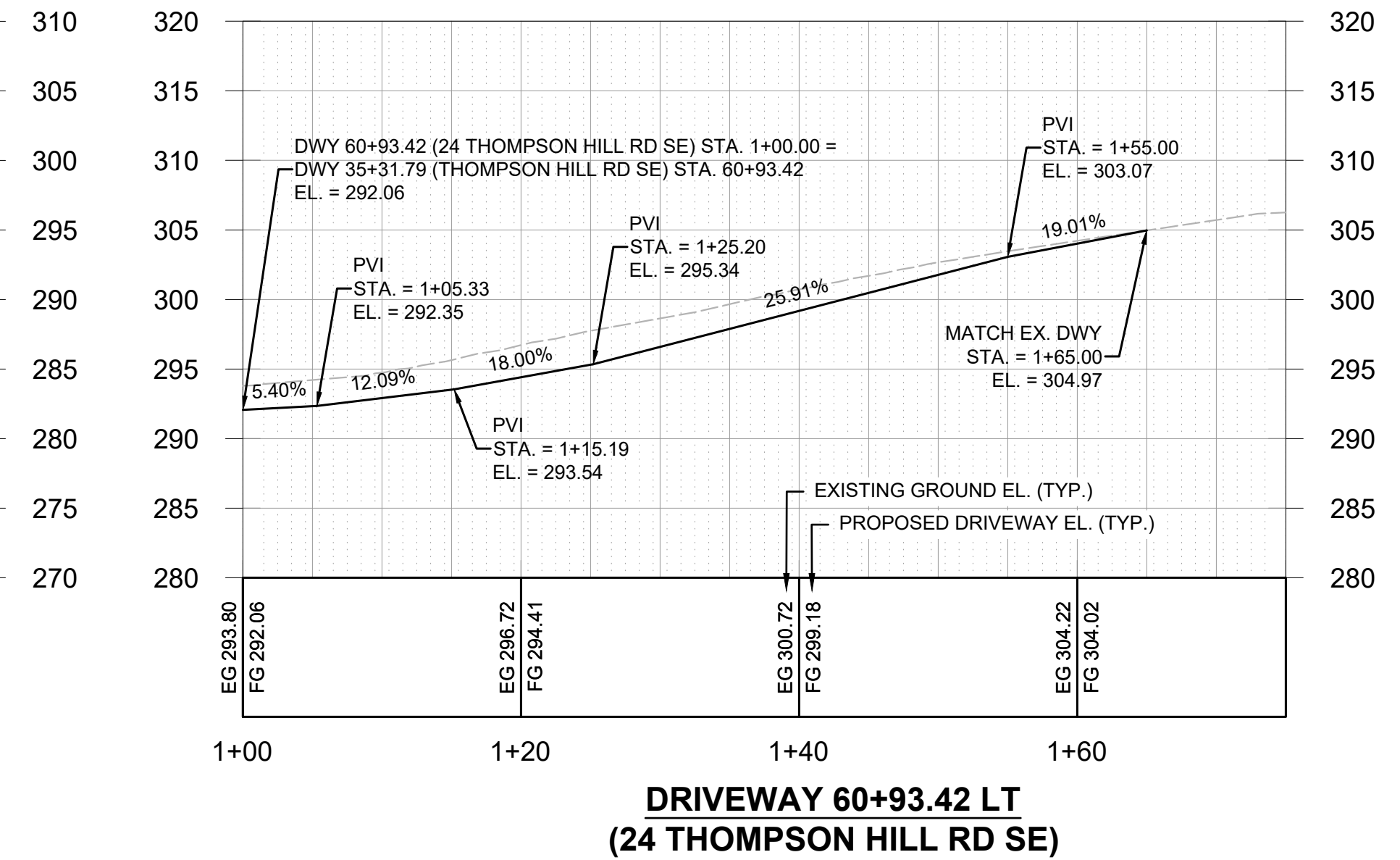
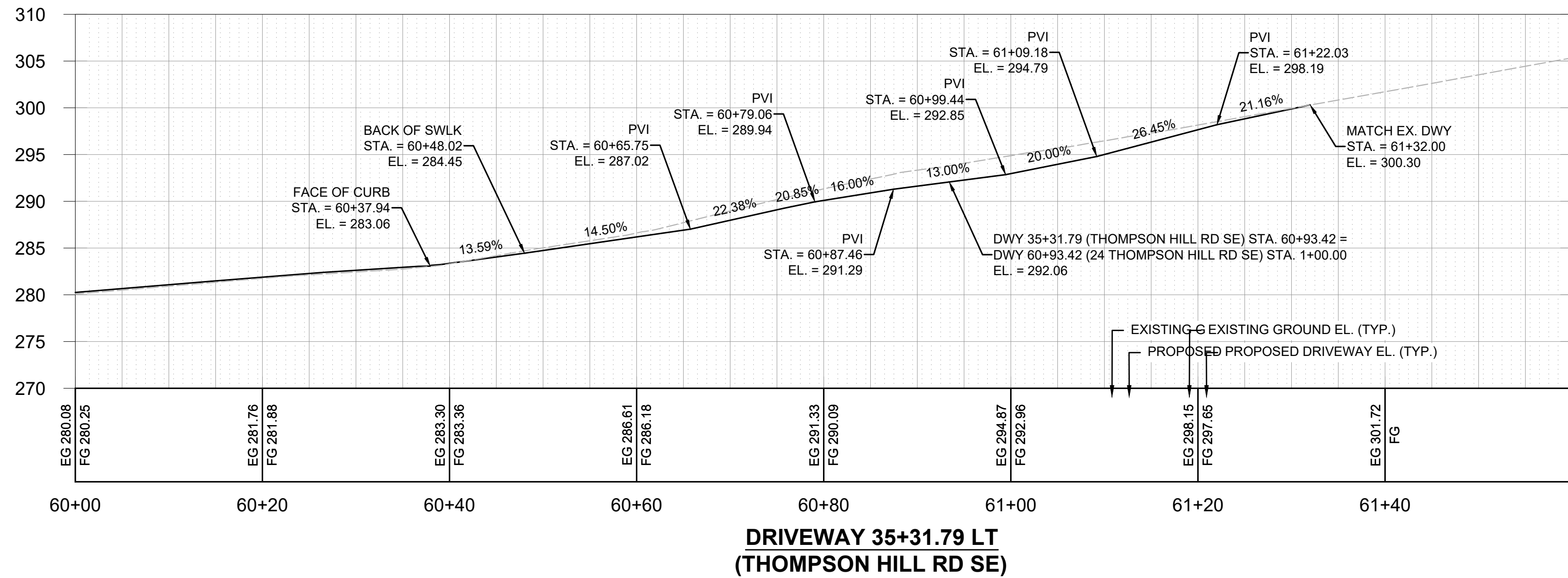
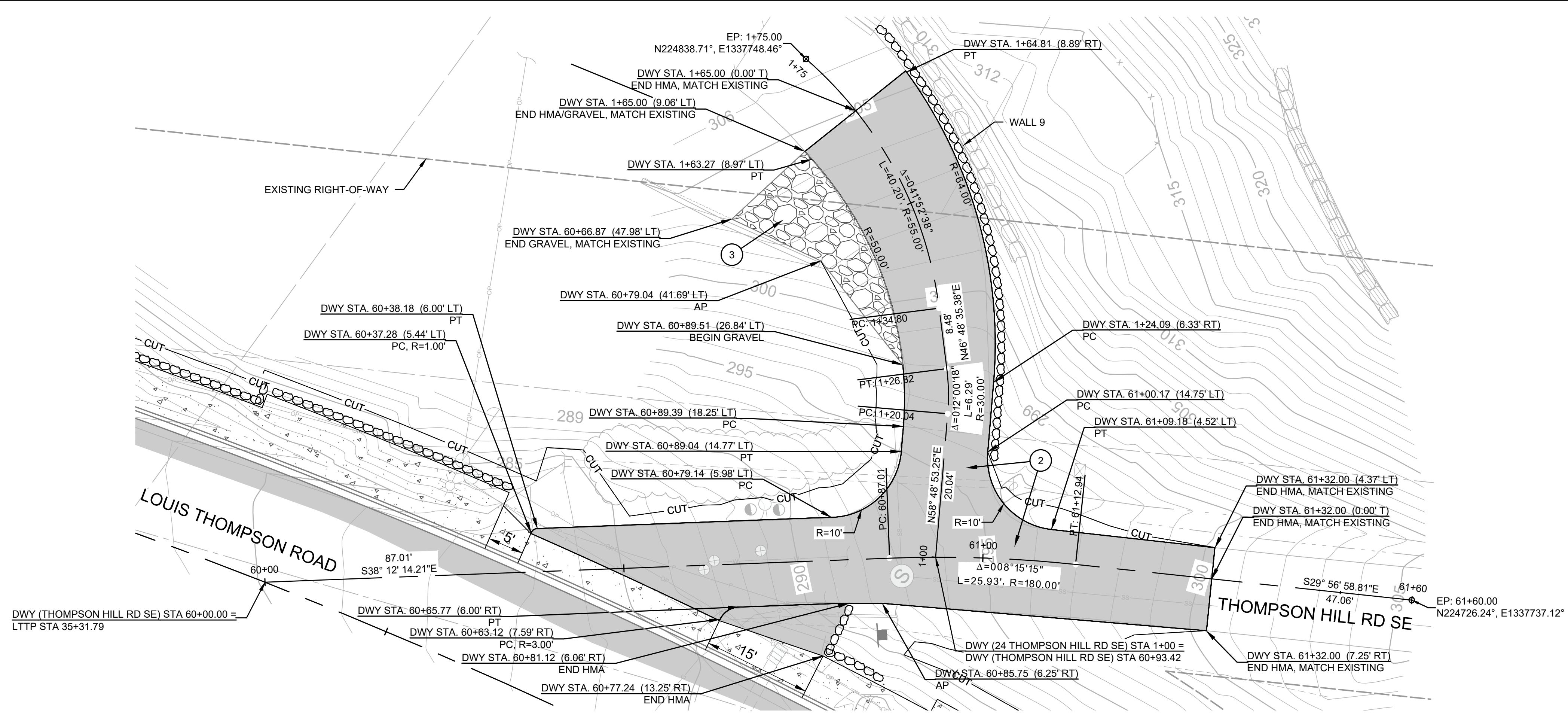
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 PLOT TIME: 8/23/2023 2:44 PM  
 USER NAME: LAURA TURNDIDGE



**GENERAL NOTES:**

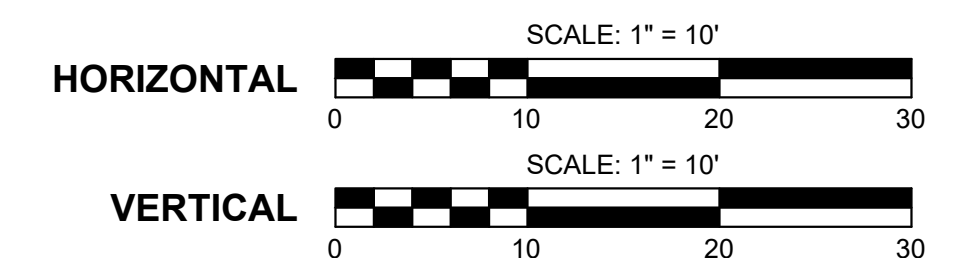
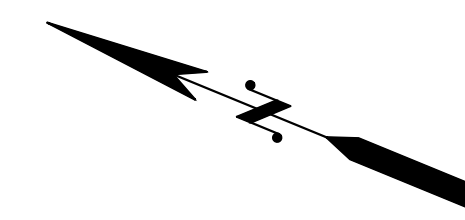
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- CONSTRUCT GRAVEL DRIVEWAY PER SHEET 73.

**LEGEND**

- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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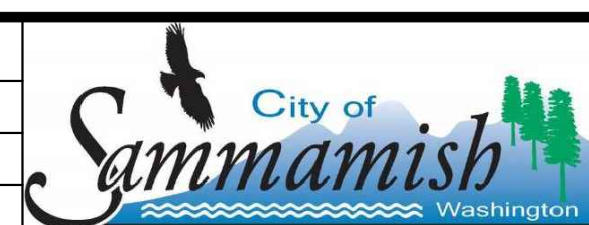


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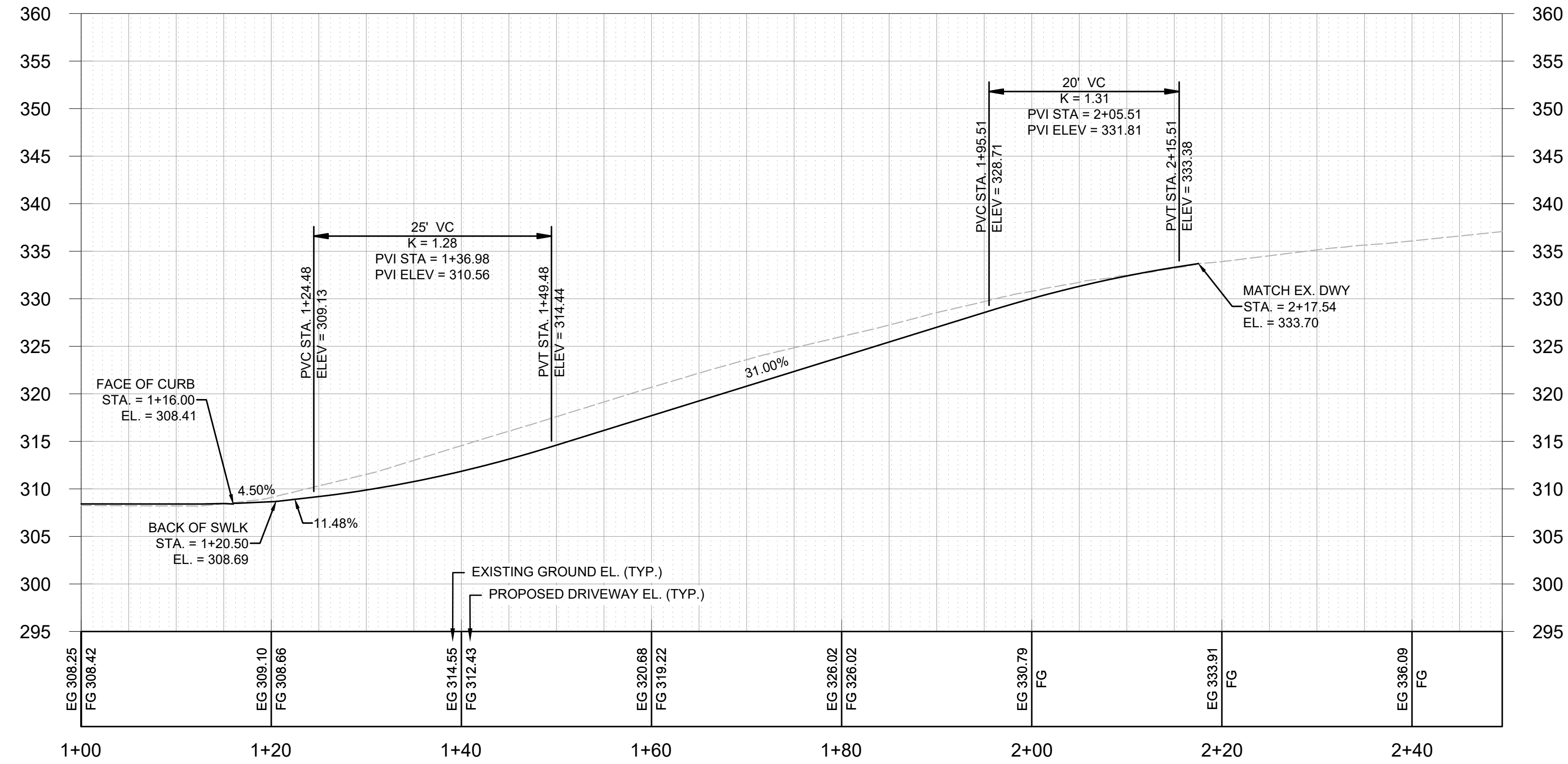
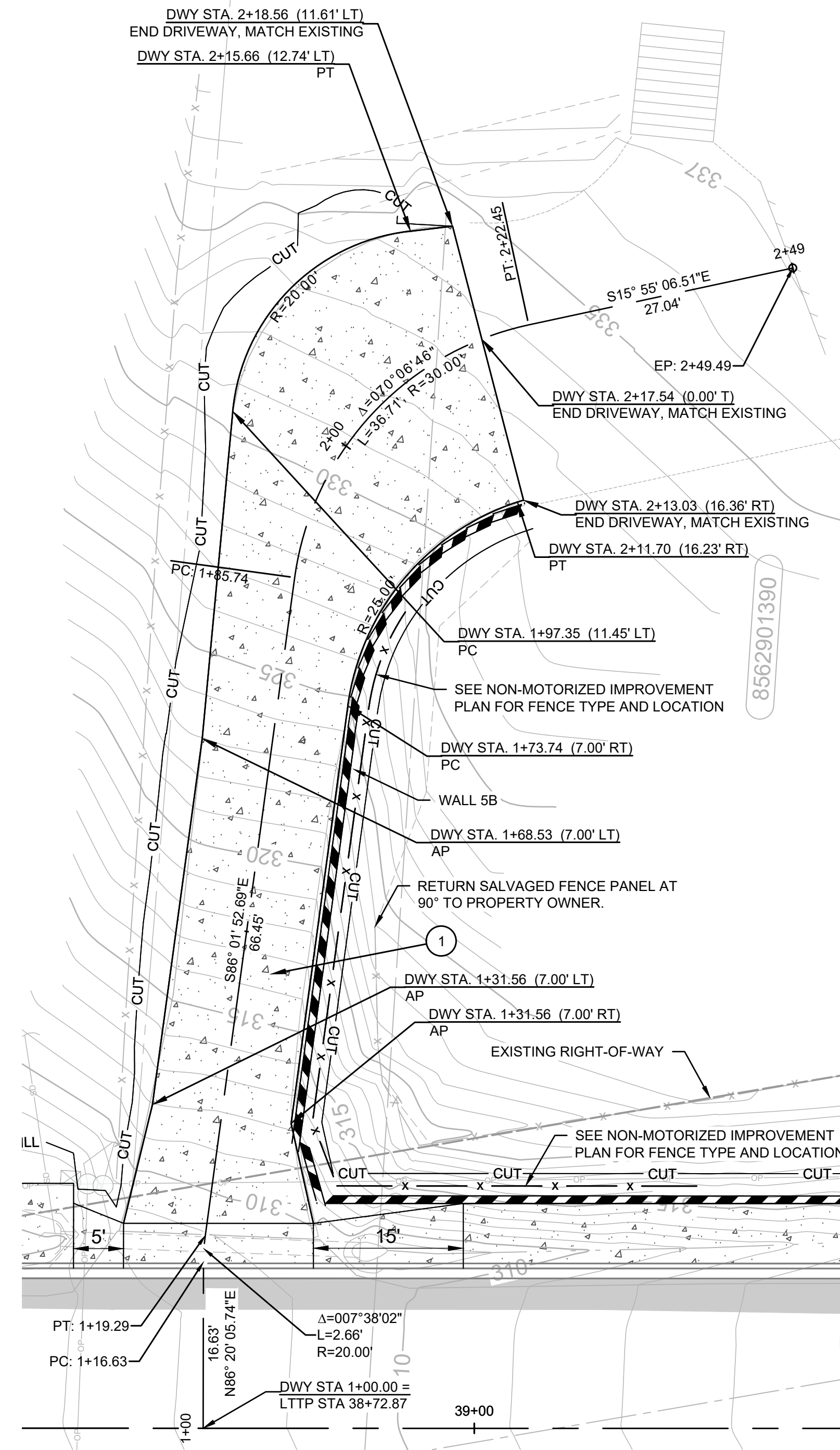


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 DRIVEWAY PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW05
			SHEET 71 of 101



FILE NAME: C:\P\1\_OCI\_WORKINGDIROSBORNCONSULTING-PW.BENTLEY.COM\_OSBORNCONSULTING-PW-01LAURA TURNIDGE\MS265661P\_10-210058\_DWY.DWG  
 PLOT TIME: 8/23/2023 2:44 PM  
 USER NAME: LAURA TURNIDGE



**DRIVEWAY 38+72.87 LT  
 (12 LOUIS THOMPSON RD SE)**

**GENERAL NOTES:**

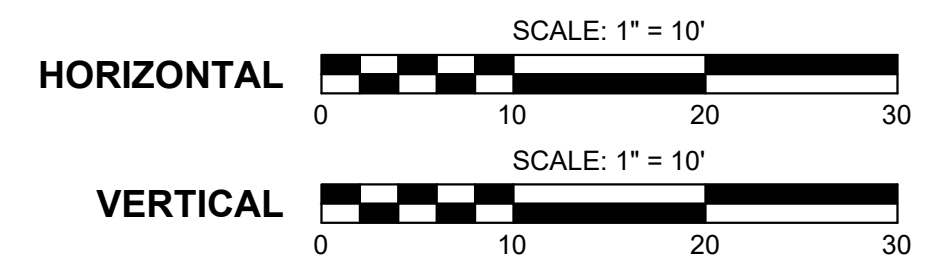
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**LEGEND**

- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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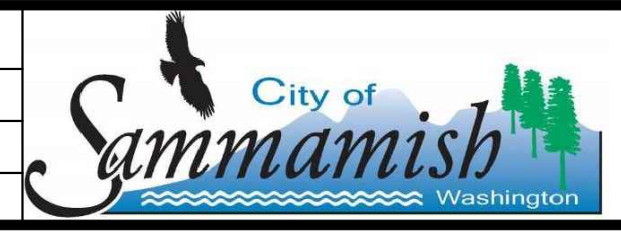


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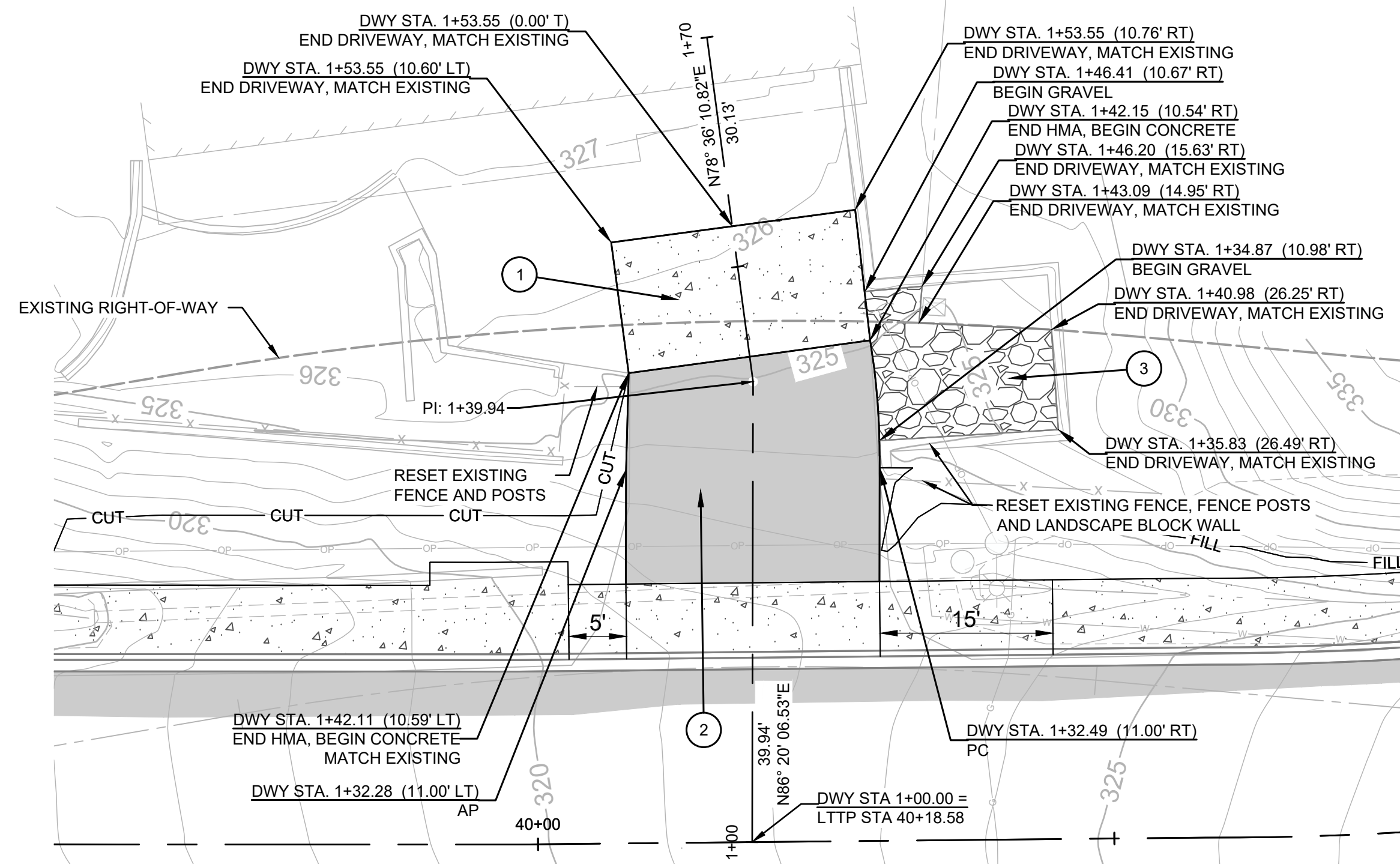


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**DRIVEWAY PLAN AND PROFILE**

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW06
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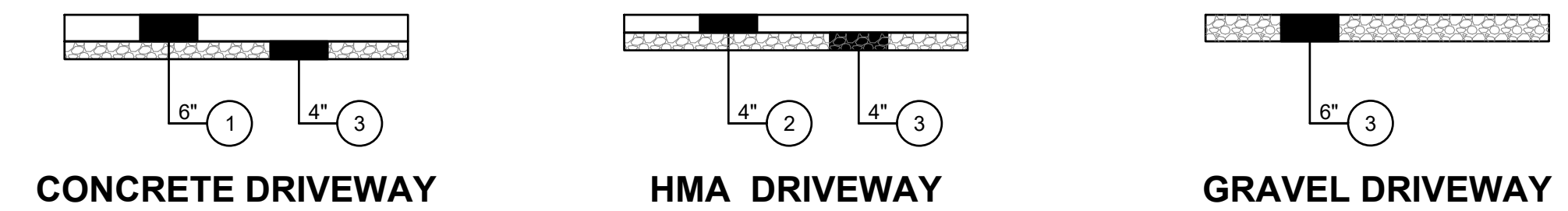


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 PLOT TIME: 8/23/2023 2:45 PM  
 USER NAME: LAURA TURNDIGE



DRIVEWAY SCHEDULE			
DRIVEWAY	WIDTH*	DRIVEWAY TYPE	COMMENTS
STA. 14+18.30 LT	12'	HMA / GRAVEL	BEGIN GRAVEL DRIVEWAY AT RIGHT-OF-WAY
STA. 15+72.22 LT	12'	HMA	ACCESS TO POND
STA. 16+28.20 LT	24'	HMA	DRIVEWAYS (A) AND (B)
STA. 30+34.31 LT	24'	HMA / GRAVEL	
STA. 31+56.16 LT	22'	CONCRETE	SEE GENERAL NOTE 2.
STA. 32+69.32 LT	15'	HMA	
STA. 35+31.79 LT	29'	HMA	(THOMPSON HILL RD SE - PRIVATE STREET)
STA. 60+93.42 LT	--	HMA	NO DRIVEWAY APPROACH
STA. 38+72.87 LT	19'	CONCRETE (BROOMED FINISH) **	BROOM TYNES SHALL BE MINIMUM DEPTH OF 0.25". SEE GENERAL NOTE 2.
STA. 40+18.58 LT	22'	HMA / CONCRETE	SEE GENERAL NOTE 2.

\* WIDTH OF DRIVEWAY APPROACH AT FACE OF CURB  
 \*\* CONCRETE DRIVEWAY SHALL BE REINFORCED

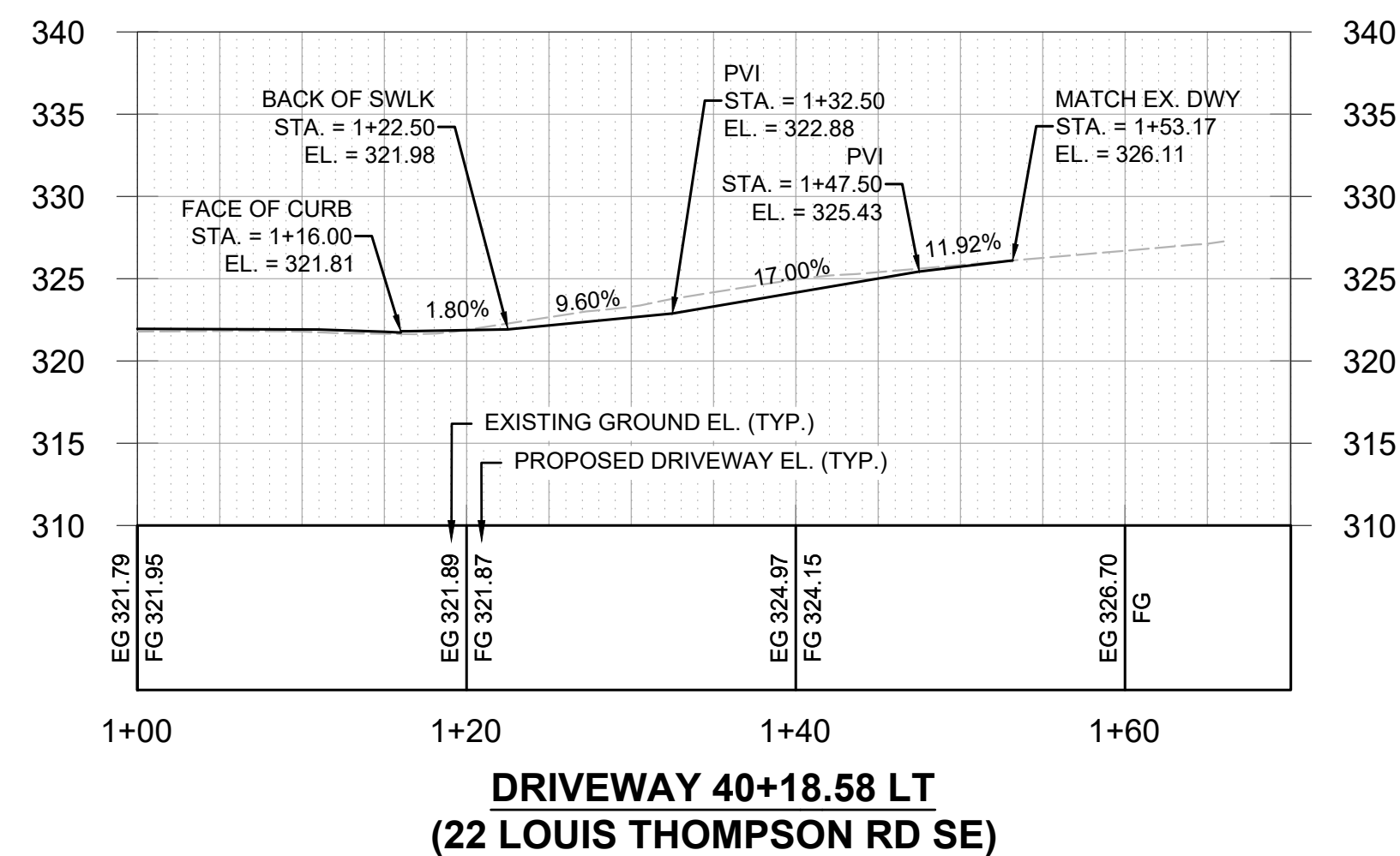


**DRIVEWAY CONSTRUCTION NOTES**

- 1 CEMENT CONCRETE PAVEMENT
- 2 HMA PG 58H-22 (2" MAX. LIFTS)
- 3 CRUSHED SURFACING BASE COURSE (CSBC)

**GENERAL NOTES**

- 1. CONTRACTOR SHALL FILL AREAS BELOW DRIVEWAY SECTIONS WITH GRAVEL BORROW.
- 2. CONTRACTOR SHALL INSTALL JOINTS IN CONCRETE DRIVEWAY PER WSDOT STD. PLAN A-40.10-04. CONTRACTOR SHALL SUBMIT JOINTING AND REINFORCEMENT PLANS FOR APPROVAL BY ENGINEER. PANELS SHALL NOT EXCEED 15' IN LENGTH.



**GENERAL NOTES:**

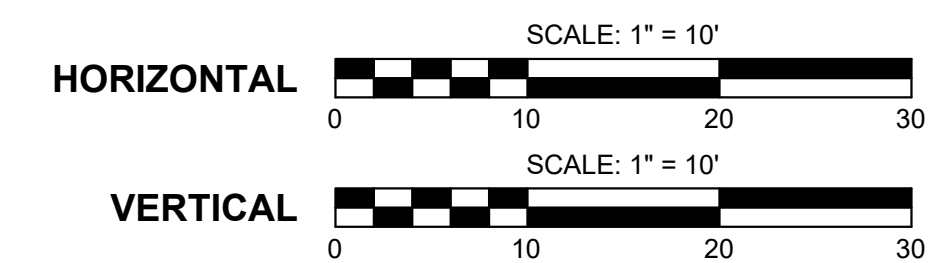
- 1. SEE SHEET 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN.
- 2. SEE SHEETS 86 TO 95 FOR WALL PLAN AND PROFILES.
- 3. DRIVEWAY PVI ARE FOR 10' VERTICAL CURVES.

**CONSTRUCTION NOTES:**

- 1 CONSTRUCT CONCRETE DRIVEWAY PER SHEET 73.
- 2 CONSTRUCT HMA DRIVEWAY PER SHEET 73.
- 3 CONSTRUCT GRAVEL DRIVEWAY PER SHEET 73.

**LEGEND**

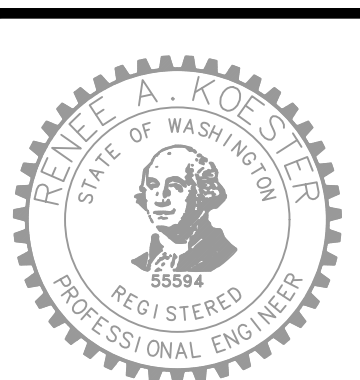
- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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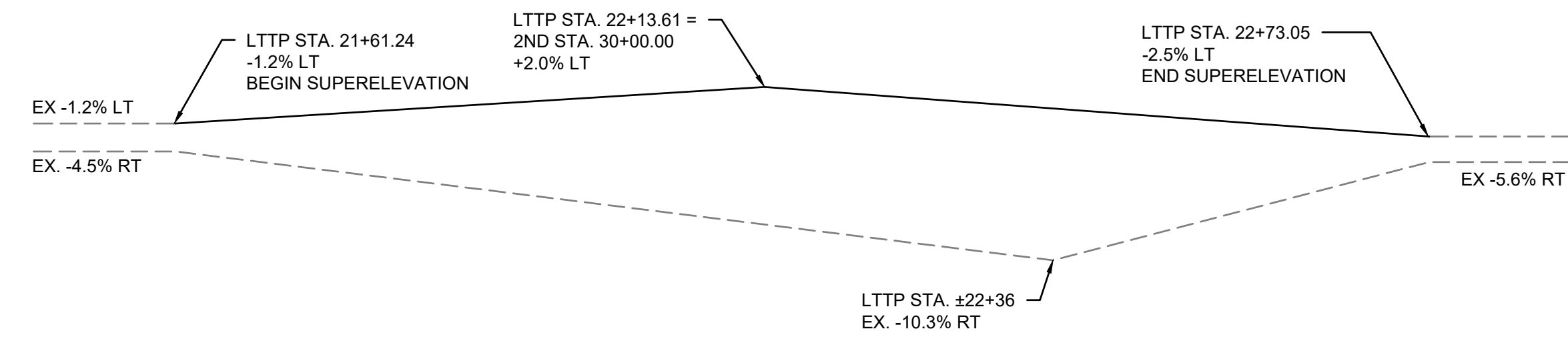


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 DRIVEWAY PLAN AND PROFILE

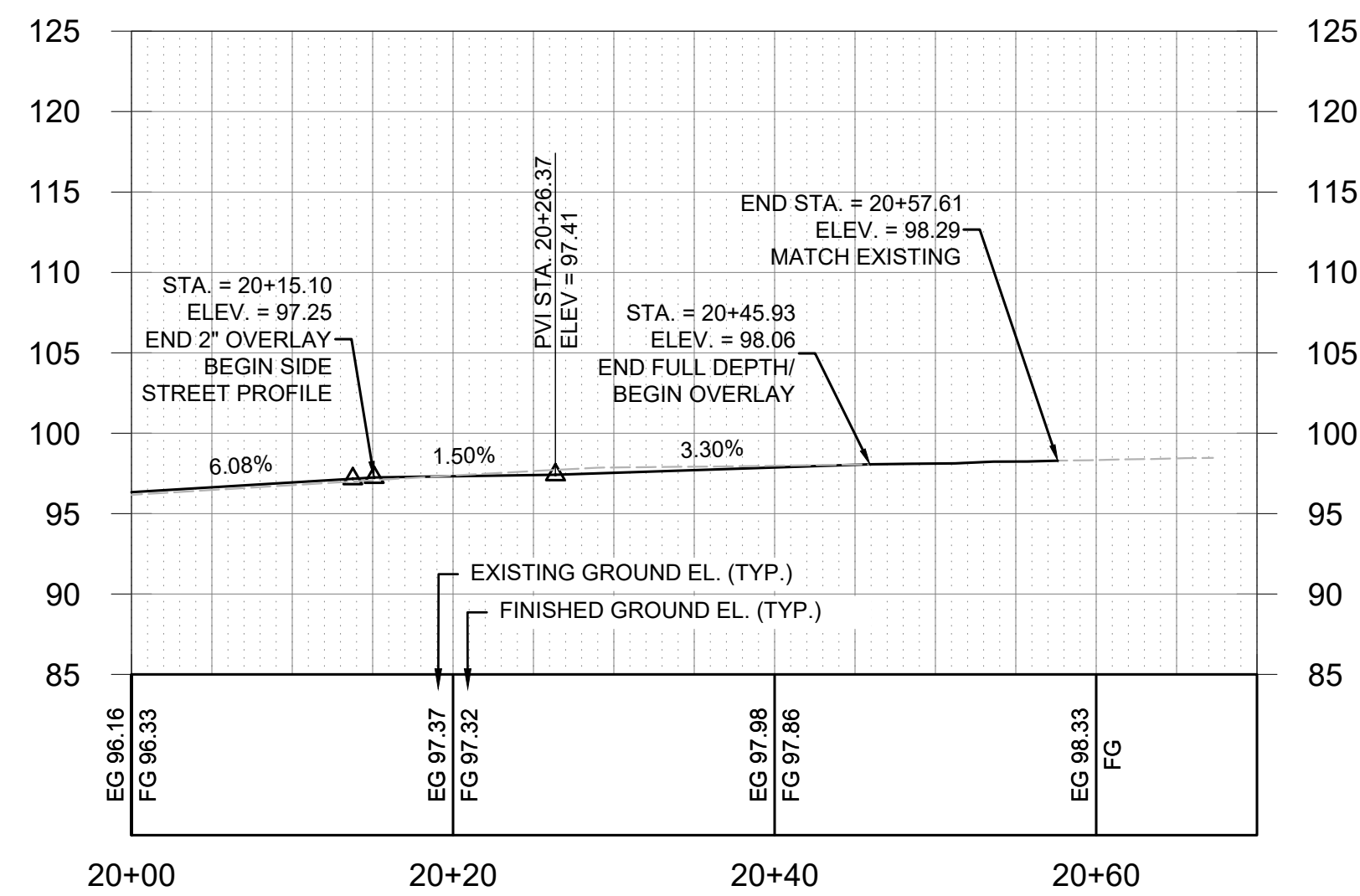
JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW07
SHEET		73 of 101	



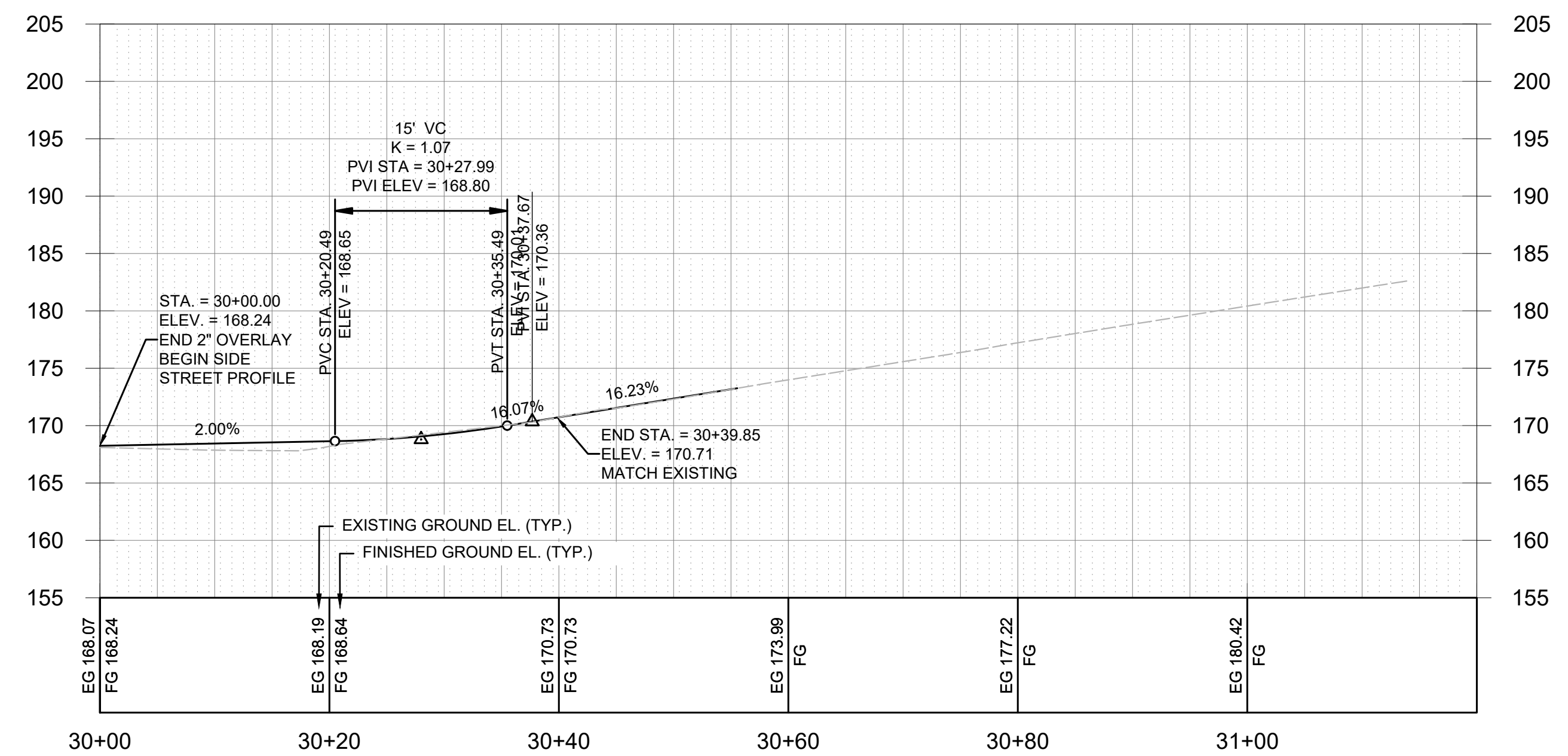
FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P\_10-210058\_ROAD\_PROF.DWG  
 PLOT TIME: 8/23/2023 2:45 PM  
 USER NAME: LAURA TURNIDGE



**LOUIS THOMPSON ROAD SUPERELEVATION DIAGRAM (AT NE 2ND STREET)**



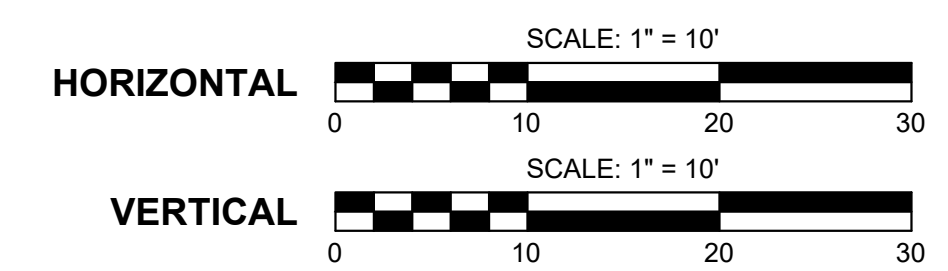
**205TH AVENUE NE**



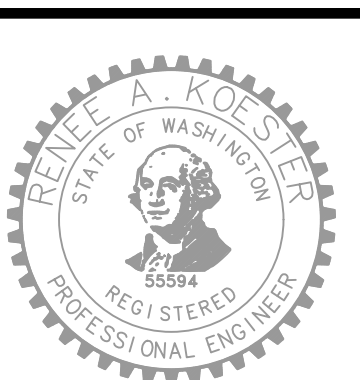
**NE 2ND STREET**



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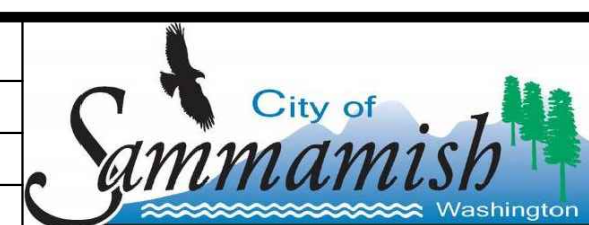


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NO.	DATE	REVISION	BY

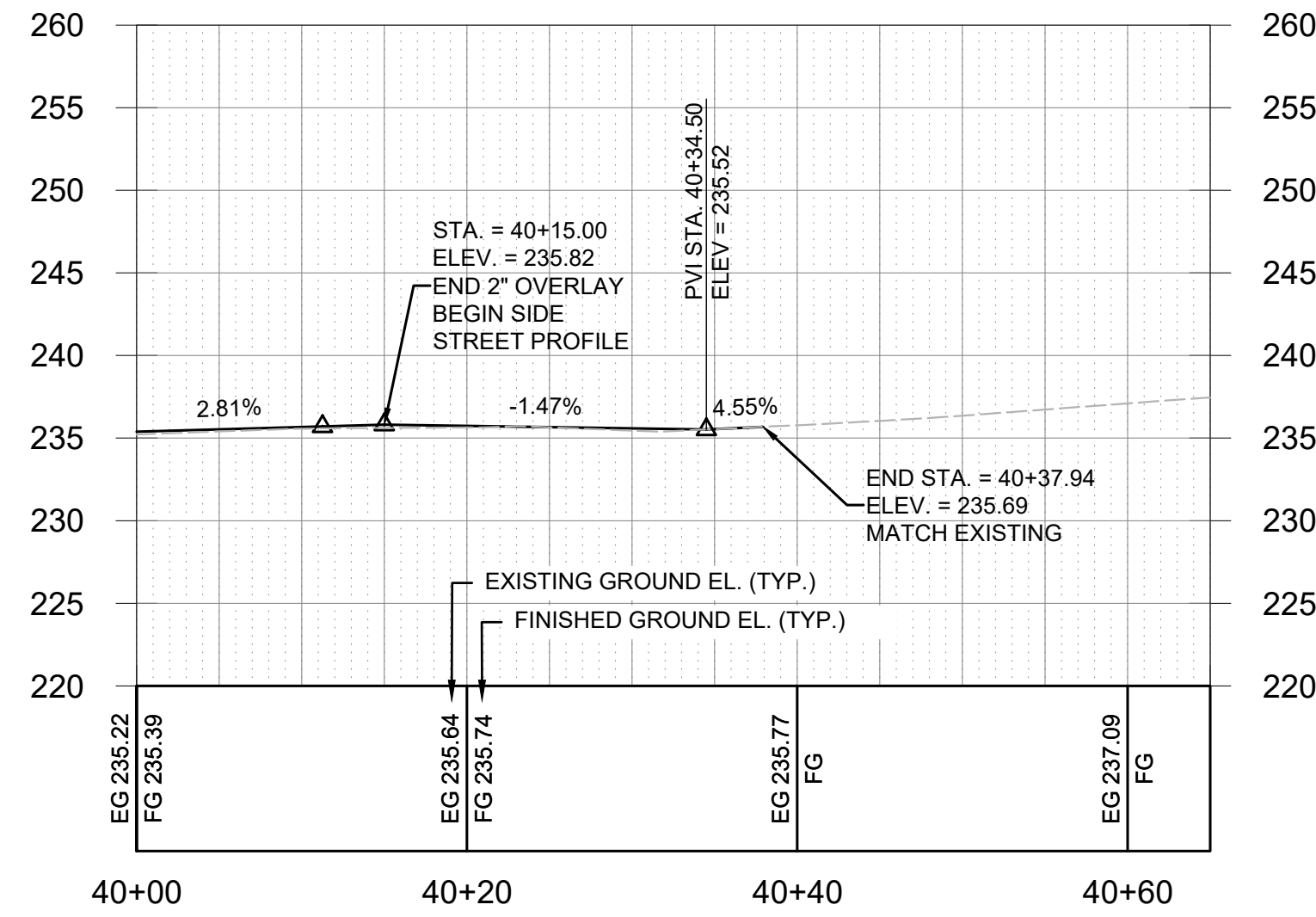


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 SIDE STREET PLAN AND PROFILE

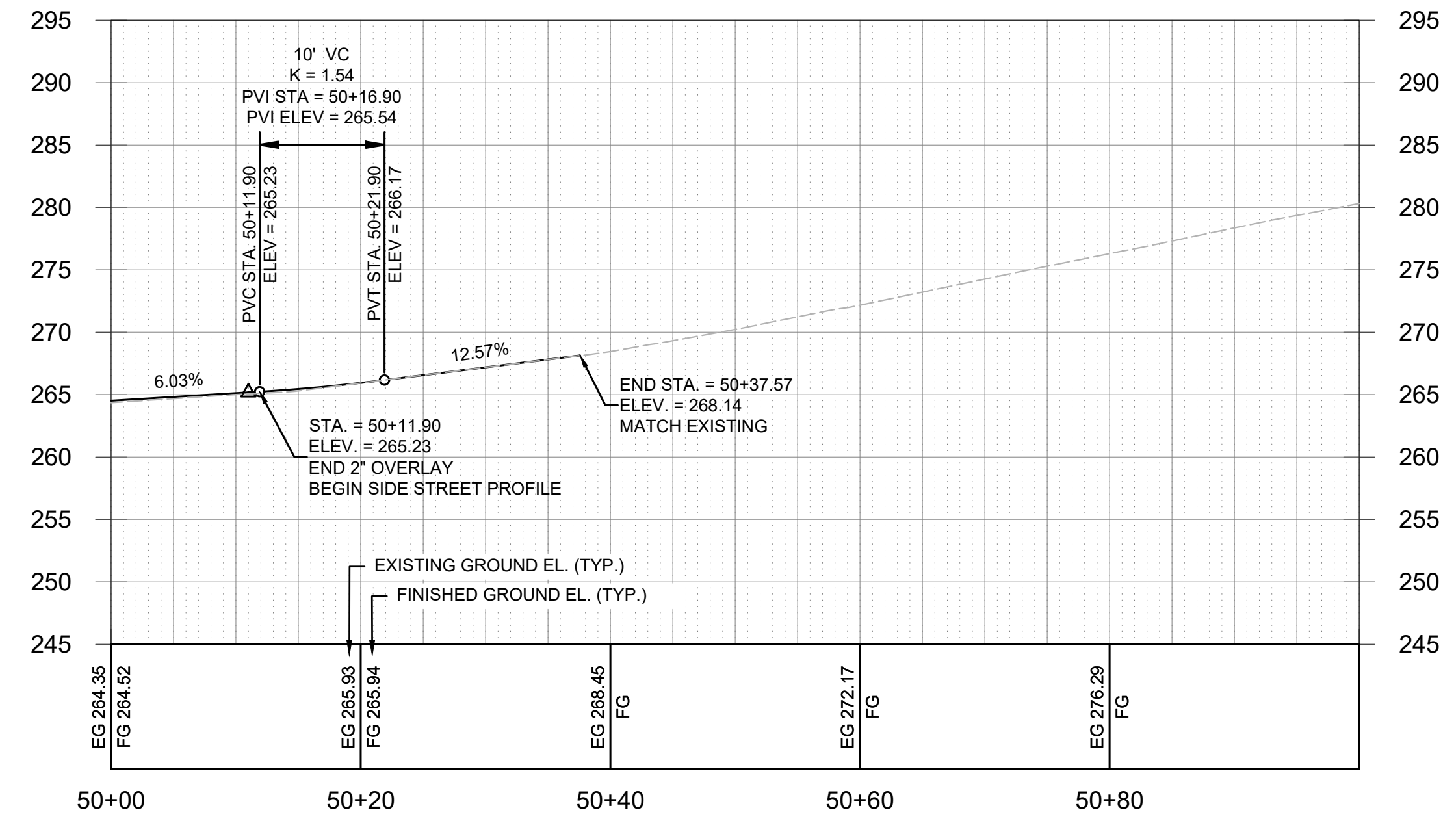
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SCALE H: 1"=10' V: 1"=10'	PROJECT NO. <b>PR01</b>
SHEET 74 of 101	



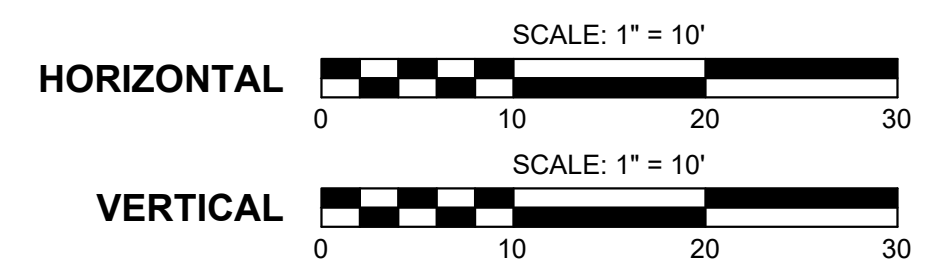
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 PLOT TIME: 8/23/2023 2:45 PM  
 USER NAME: LAURA TURNDIGE



**208TH AVENUE NE**



**210TH AVENUE NE**



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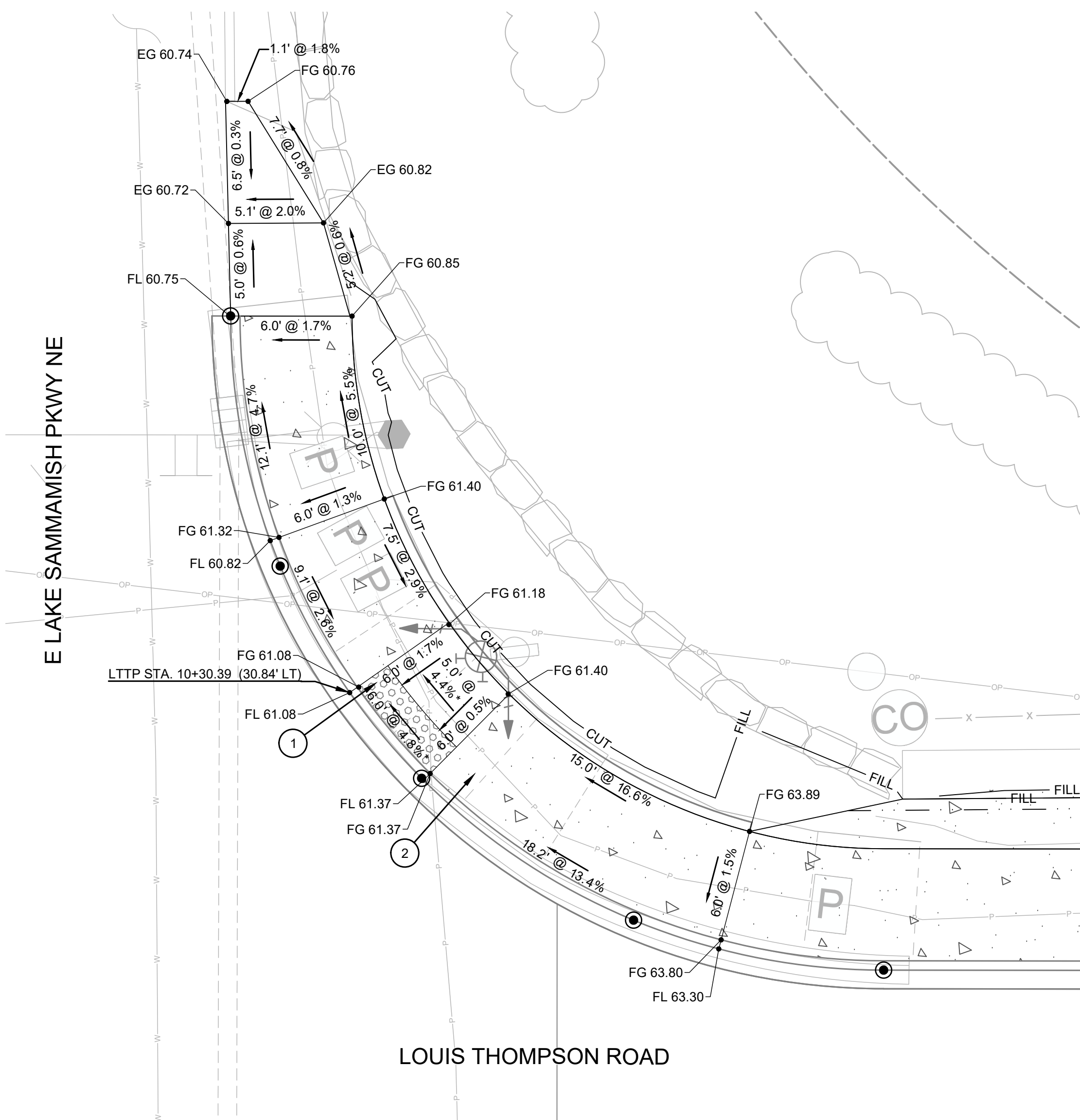


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 SIDE STREET PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=10' V: 1"=10'	PROJ SHEET 75 of 101

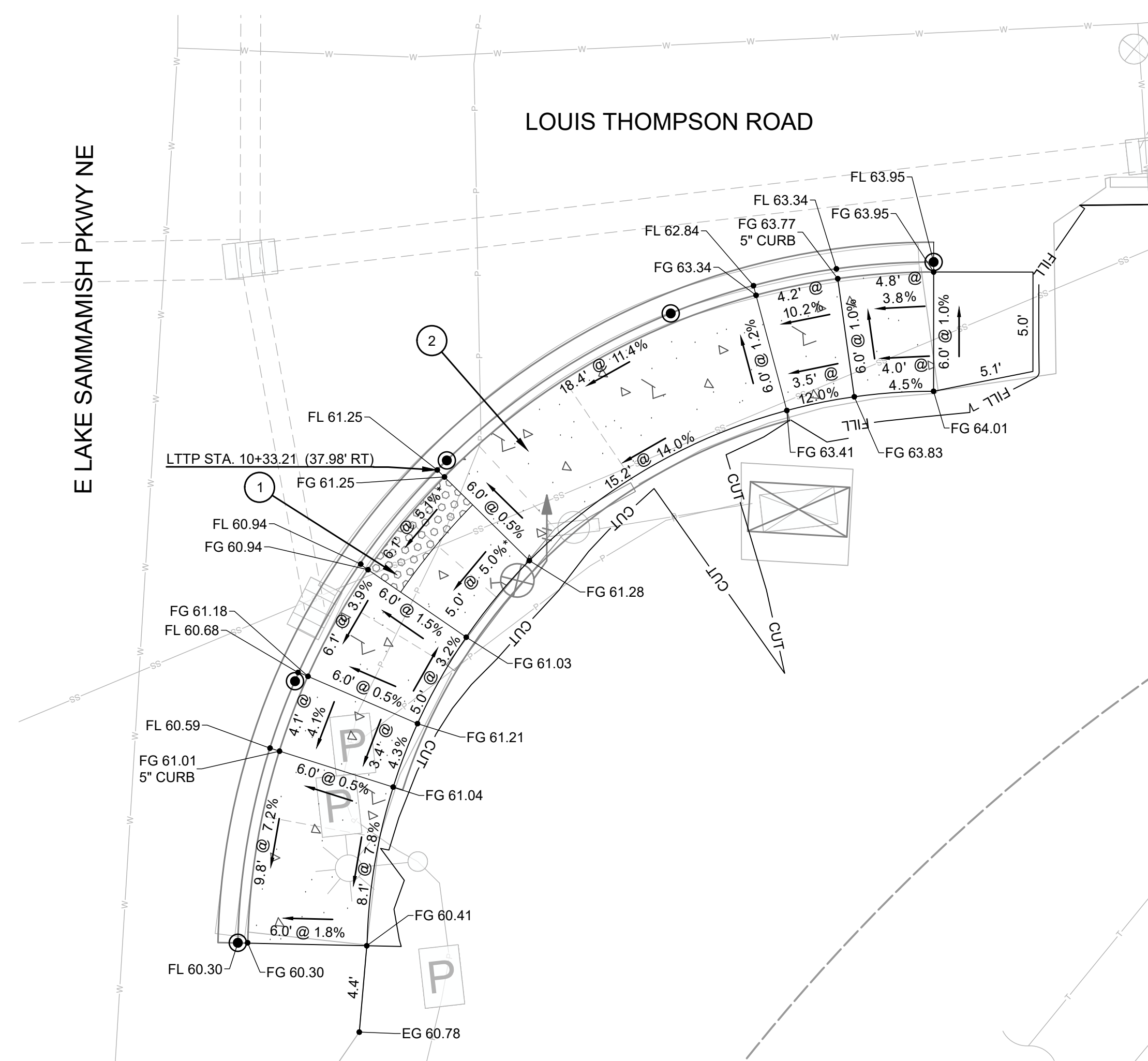


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 PLOT TIME: 8/23/2023 2:45 PM  
 USER NAME: LAURA TURNIDGE



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)	
P.C. 10+21.00 (51.00' LT)	60.75'
$\Delta = 90^{\circ}00'00''$	$\frac{1}{4} \Delta$ 60.86'
R= 35.00'	$\frac{1}{2} \Delta$ 61.36'
L= 54.98'	$\frac{3}{4} \Delta$ 62.60'
T= 35.00'	
P.T. 10+59.00 (16.00' LT)	64.04'

**NE CORNER LOUIS THOMPSON RD & E LAKE SAMMAMISH PARKWAY**



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)	
P.C. 10+23.20 (61.79' RT)	60.30'
$\Delta = 88^{\circ}50'13''$	$\frac{1}{4} \Delta$ 60.67'
R= 35.00'	$\frac{1}{2} \Delta$ 61.30'
L= 54.27'	$\frac{3}{4} \Delta$ 62.45'
T= 34.30'	
P.T. 10+58.19 (27.50' RT)	63.95'

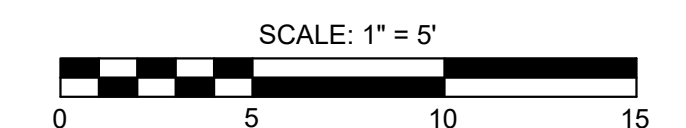
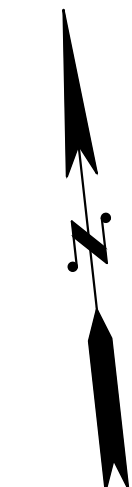
**SE CORNER LOUIS THOMPSON RD & E LAKE SAMMAMISH PARKWAY**

**GENERAL NOTES:**

- SEE SHEETS 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN AND SHEETS 74 TO 75 FOR SIDE STREET PLAN AND PROFILES.
- THE TRUNCATED DOMES OF DETECTABLE WARNING SURFACE SHALL BE ALIGNED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BACK OF CURB PER WSDOT STD. PLAN F-45.10-02. THE DETECTABLE WARNING SURFACE HATCH PATTERN IS NOT DRAWN TO SCALE AND SYMBOLS ARE SCHEMATIC.
- THE MAXIMUM VERTICAL LIP OR DISCONTINUITY IS 1/4".
- THE MAXIMUM GUTTER SLOPE IS 5 PERCENT.
- GRADE BREAKS (INCLUDING THE CONNECTION BETWEEN CURB RAMP OR LANDING AND THE GUTTER) MUST BE FLUSH.
- THE CONTRACTOR SHALL NOT EXCEED GRADE SLOPES SHOWN ON THE PLANS. DISTANCES AND ELEVATIONS SHOWN ARE APPROXIMATE. THE CITY ENGINEER, OR INSPECTOR, SHALL APPROVE CURB RAMP ELEVATIONS PRIOR TO POURING CONCRETE.
- ALL STATION AND OFFSET FOR CURB RETURNS ARE BASED ON LTP CENTERLINE.
- ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.
- ELEMENTS DENOTED WITH "\*" WERE DESIGNED TO THE MAXIMUM EXTENT FEASIBLE.

**CONSTRUCTION NOTES:**

- CONSTRUCT DETECTABLE WARNING SURFACE PER WSDOT STD. PLAN F-45.10.
- CONSTRUCT PARALLEL CURB RAMP PER C.O.S. FIG 02-07.
- CONSTRUCT SINGLE DIRECTION CURB RAMP PER C.O.S. FIG 02-08.
- CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG 03-07.



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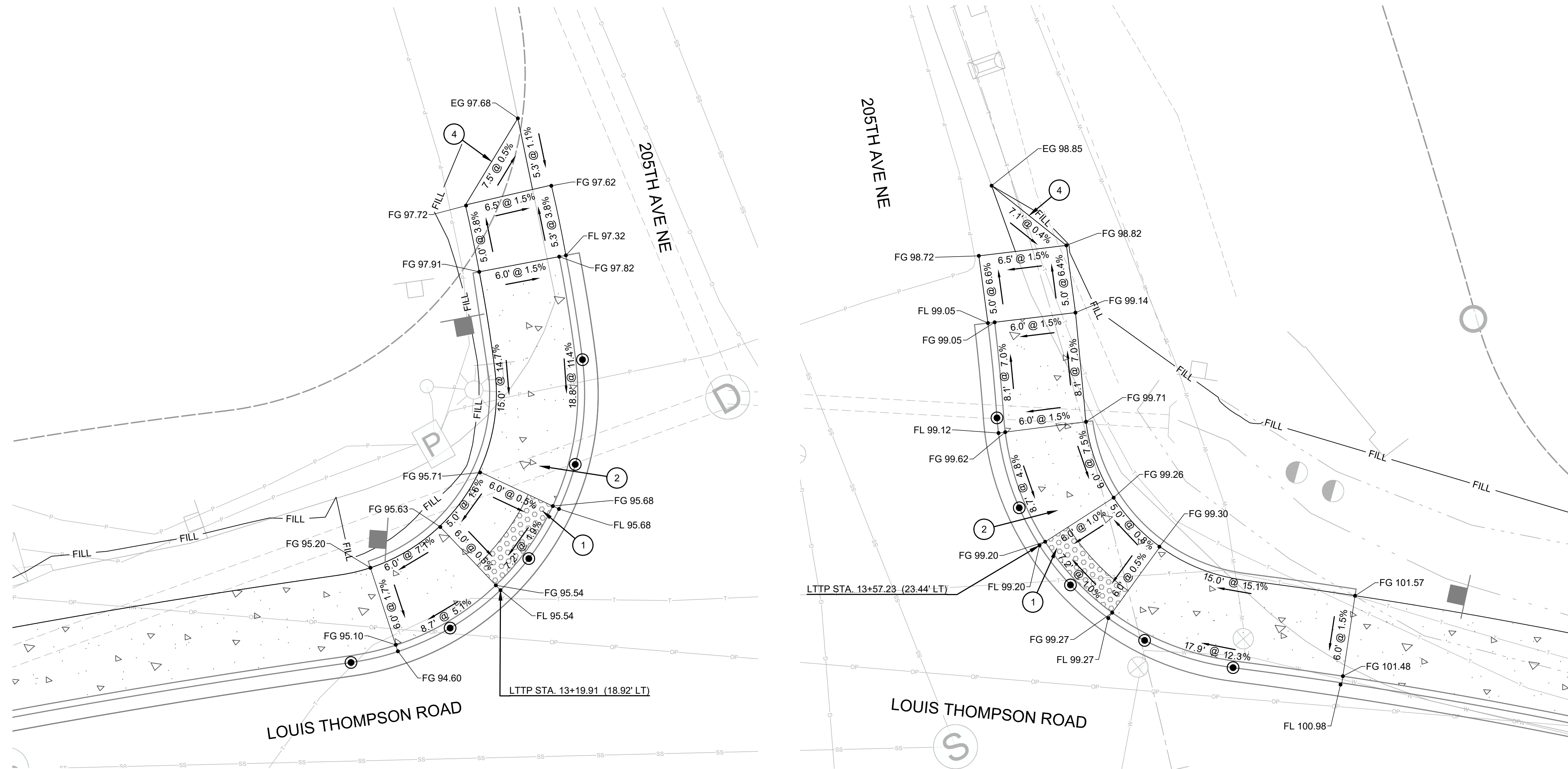


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 PLOT TIME: 8/23/2023 2:45 PM  
 USER NAME: LAURA TURNIDGE



**GENERAL NOTES:**

- SEE SHEETS 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN AND SHEETS 74 TO 75 FOR SIDE STREET PLAN AND PROFILES.
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- ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.
- ELEMENTS DENOTED WITH "\*" WERE DESIGNED TO THE MAXIMUM EXTENT FEASIBLE.

**CONSTRUCTION NOTES:**

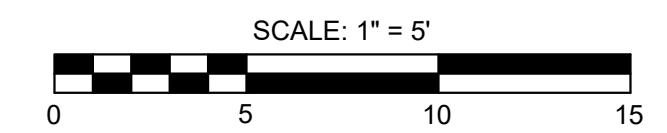
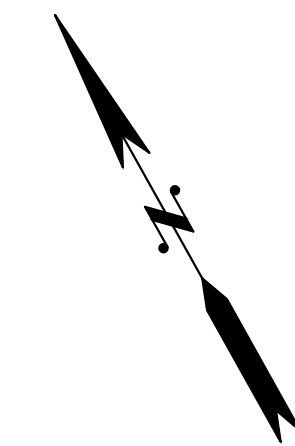
- CONSTRUCT DETECTABLE WARNING SURFACE PER WSDOT STD. PLAN F-45.10.
- CONSTRUCT PARALLEL CURB RAMP PER C.O.S. FIG 02-07.
- CONSTRUCT SINGLE DIRECTION CURB RAMP PER C.O.S. FIG 02-08.
- CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG 03-07.

CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	13+09.20 (14.03' LT)	94.14'
Δ=	89°13'30"	1/4 Δ 95.06'
R=	20.00'	1/2 Δ 95.60'
L=	31.15'	3/4 Δ 95.99'
T=	19.73'	
P.T.	13+25.74 (35.81' LT)	96.68'

**NW CORNER LOUIS THOMPSON RD & 205TH AVE NE**

CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	13+53.64 (32.56' LT)	99.11'
Δ=	78°35'06"	1/4 Δ 99.17'
R=	20.00'	1/2 Δ 99.23'
L=	27.43'	3/4 Δ 99.54'
T=	16.37'	
P.T.	13+71.55 (16.00' LT)	100.20'

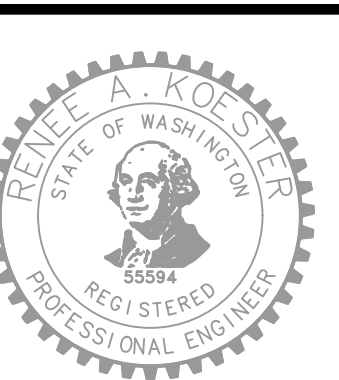
**NE CORNER LOUIS THOMPSON RD & 205TH AVE NE**



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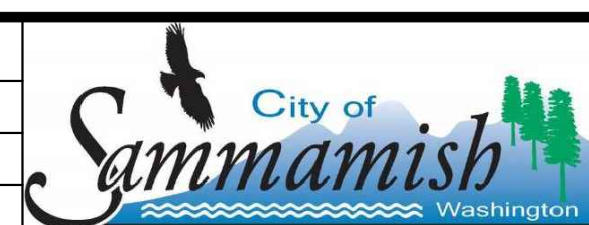


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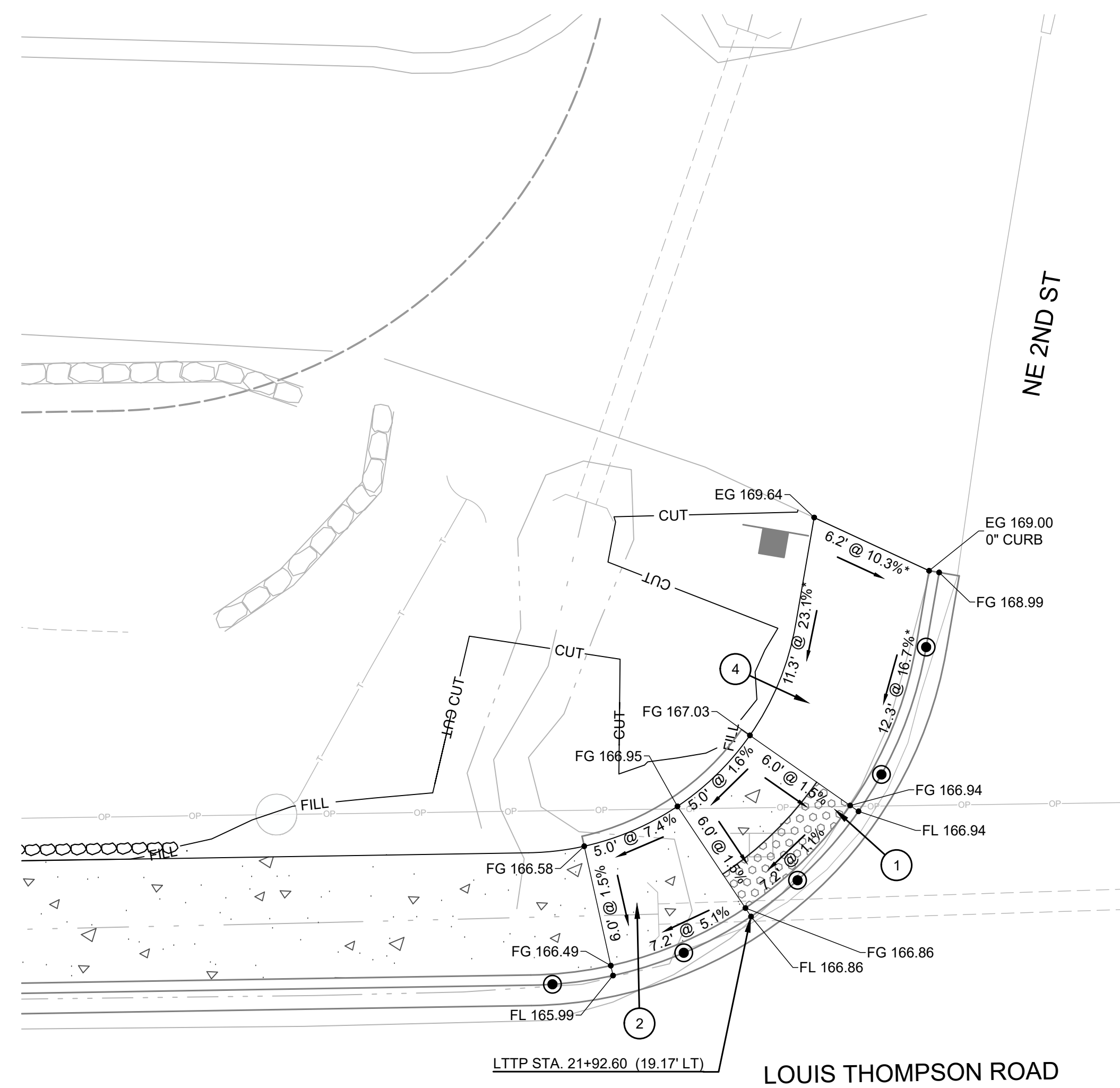


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 ADA CURB RAMP PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=5' V: N/A	CR02 SHEET 77 of 101

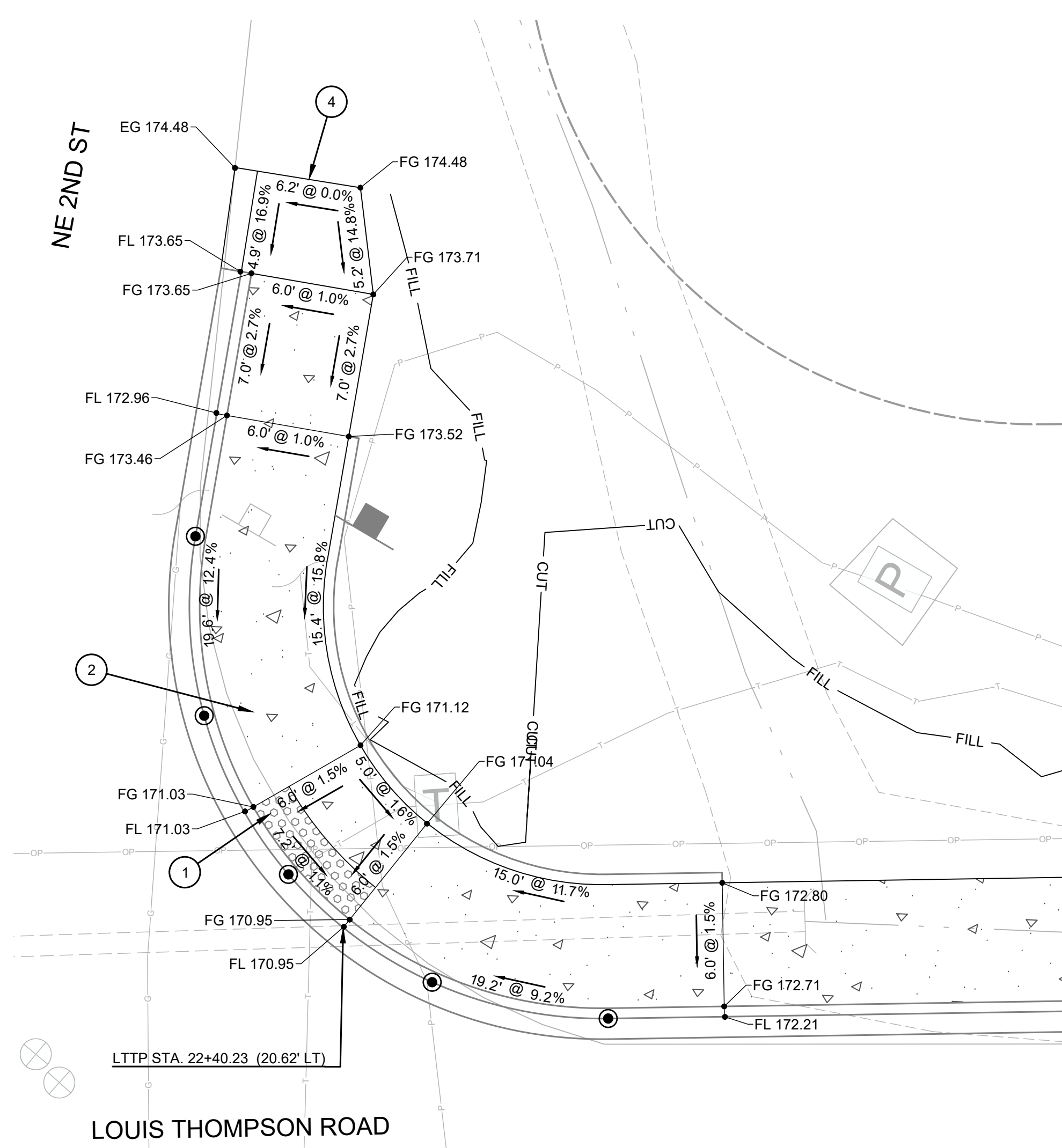


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 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNIDGE



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	21+81.77 (16.00' LT)	165.64'
Δ=	79°16'14"	1/4 Δ 166.42'
R=	20.00'	1/2 Δ 166.90'
L=	27.57'	3/4 Δ 167.29'
T=	16.57'	
P.T.	22+01.42 (32.28' LT)	168.35'

**NORTH CORNER LOUIS THOMPSON RD & NE 2ND ST**



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	22+33.37 (39.72' LT)	172.39'
Δ=	100°43'46"	1/4 Δ 171.53'
R=	20.00'	1/2 Δ 170.99'
L=	35.16'	3/4 Δ 171.19'
T=	24.15'	
P.T.	22+53.02 (16.00' LT)	171.74'

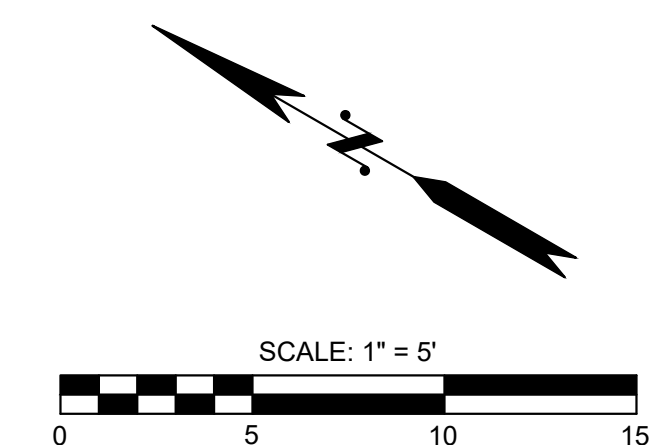
**EAST CORNER LOUIS THOMPSON RD & NE 2ND ST**

**GENERAL NOTES:**

- SEE SHEETS 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN AND SHEETS 74 TO 75 FOR SIDE STREET PLAN AND PROFILES.
- THE TRUNCATED DOMES OF DETECTABLE WARNING SURFACE SHALL BE ALIGNED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BACK OF CURB PER WSDOT STD. PLAN F-45.10-02. THE DETECTABLE WARNING SURFACE HATCH PATTERN IS NOT DRAWN TO SCALE AND SYMBOLS ARE SCHEMATIC.
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- ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.
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**CONSTRUCTION NOTES:**

- CONSTRUCT DETECTABLE WARNING SURFACE PER WSDOT STD. PLAN F-45.10.
- CONSTRUCT PARALLEL CURB RAMP PER C.O.S. FIG 02-07.
- CONSTRUCT SINGLE DIRECTION CURB RAMP PER C.O.S. FIG 02-08.
- CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG 03-07.



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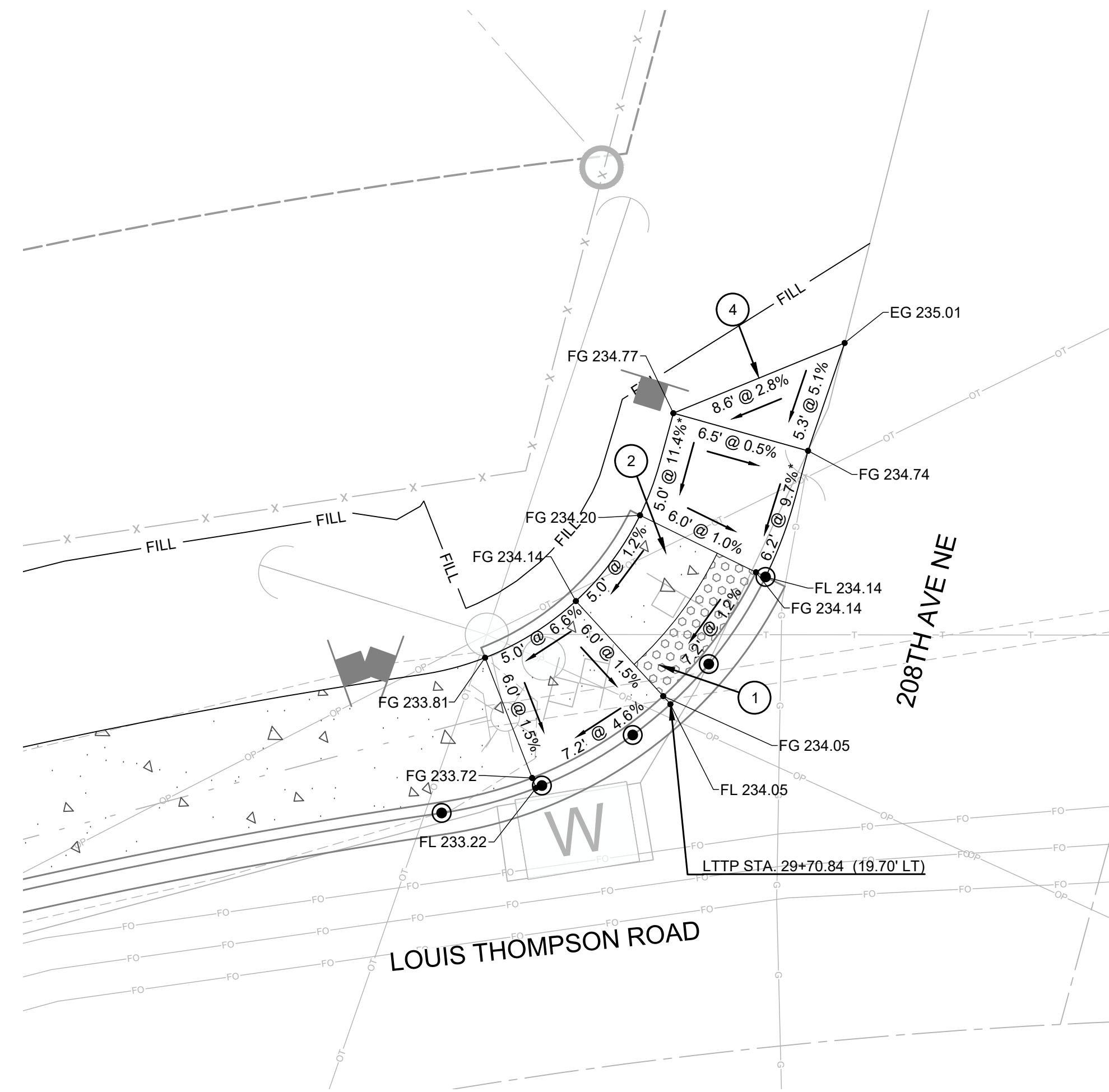


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					SCALE H: 1"=5'    V: N/A	CR03 SHEET 78 of 101		

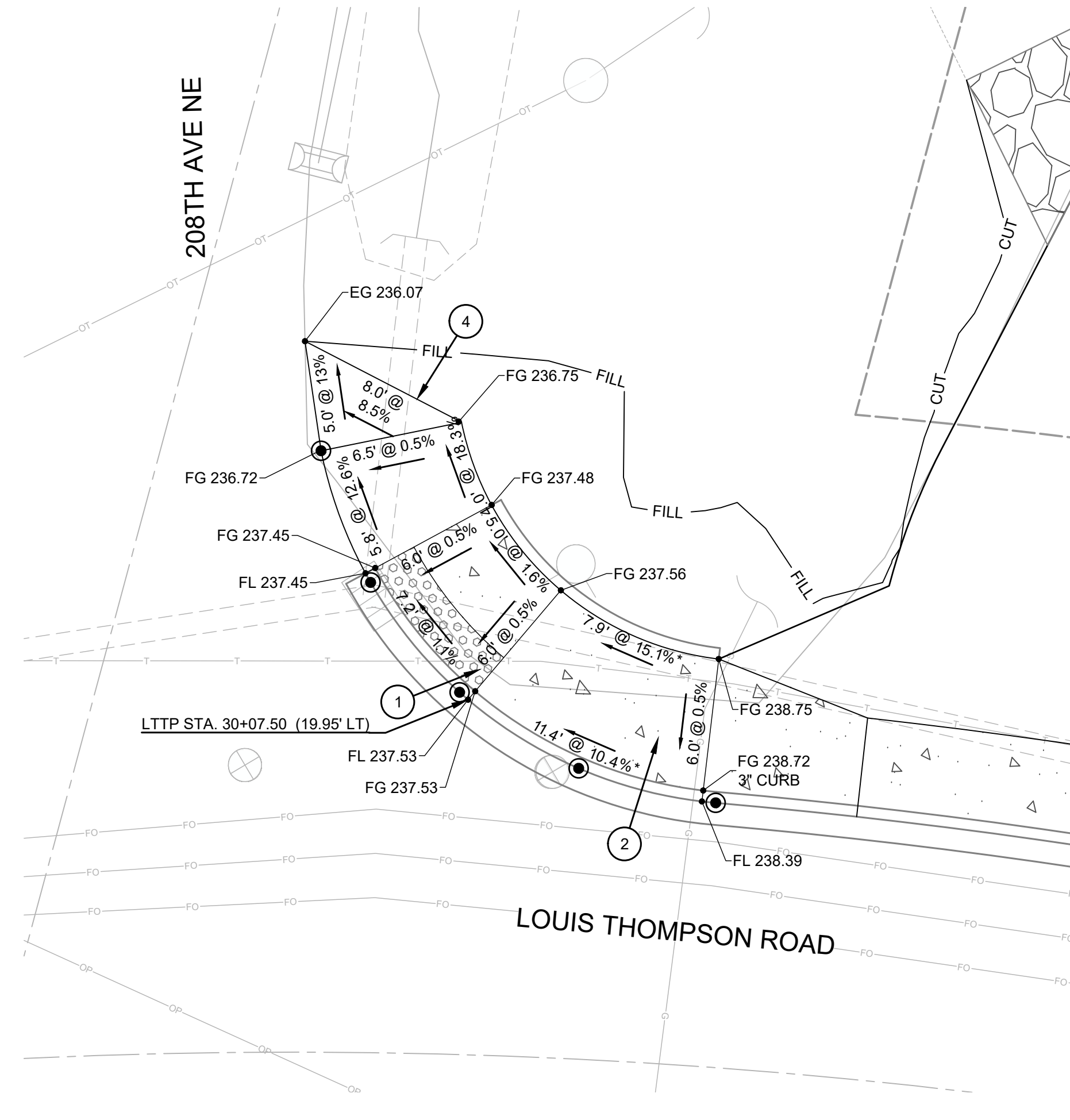


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 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNIDGE



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	29+60.40 (16.00' LT)	232.71'
Δ=	55°30'10"	1/4 Δ 233.25'
R=	20.00'	1/2 Δ 233.80'
L=	19.37'	3/4 Δ 234.08'
T=	10.52'	
P.T.	29+75.38 (25.17' LT)	234.14'

**NW CORNER LOUIS THOMPSON RD & 208TH AVE NE**



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	30+01.15 (31.02' LT)	236.72'
Δ=	73°37'23"	1/4 Δ 237.45'
R=	20.00'	1/2 Δ 237.52'
L=	25.70'	3/4 Δ 237.92'
T=	14.97'	
P.T.	30+18.23 (16.00' LT)	238.49'

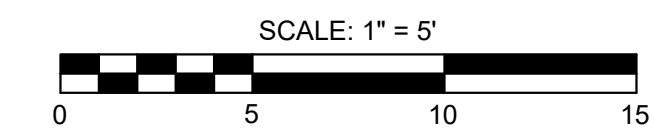
**NE CORNER LOUIS THOMPSON RD & 208TH AVE NE**

**GENERAL NOTES:**

- SEE SHEETS 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN AND SHEETS 74 TO 75 FOR SIDE STREET PLAN AND PROFILES.
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- CONSTRUCT DETECTABLE WARNING SURFACE PER WSDOT STD. PLAN F-45.10.
- CONSTRUCT PARALLEL CURB RAMP PER C.O.S. FIG 02-07.
- CONSTRUCT SINGLE DIRECTION CURB RAMP PER C.O.S. FIG 02-08.
- CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG 03-07.



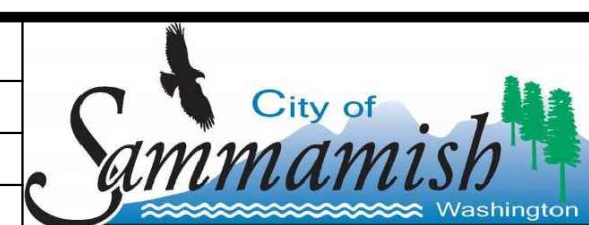
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DRAWN BY RAKO		
CHECKED BY SBS		

NO.	DATE	REVISION	BY

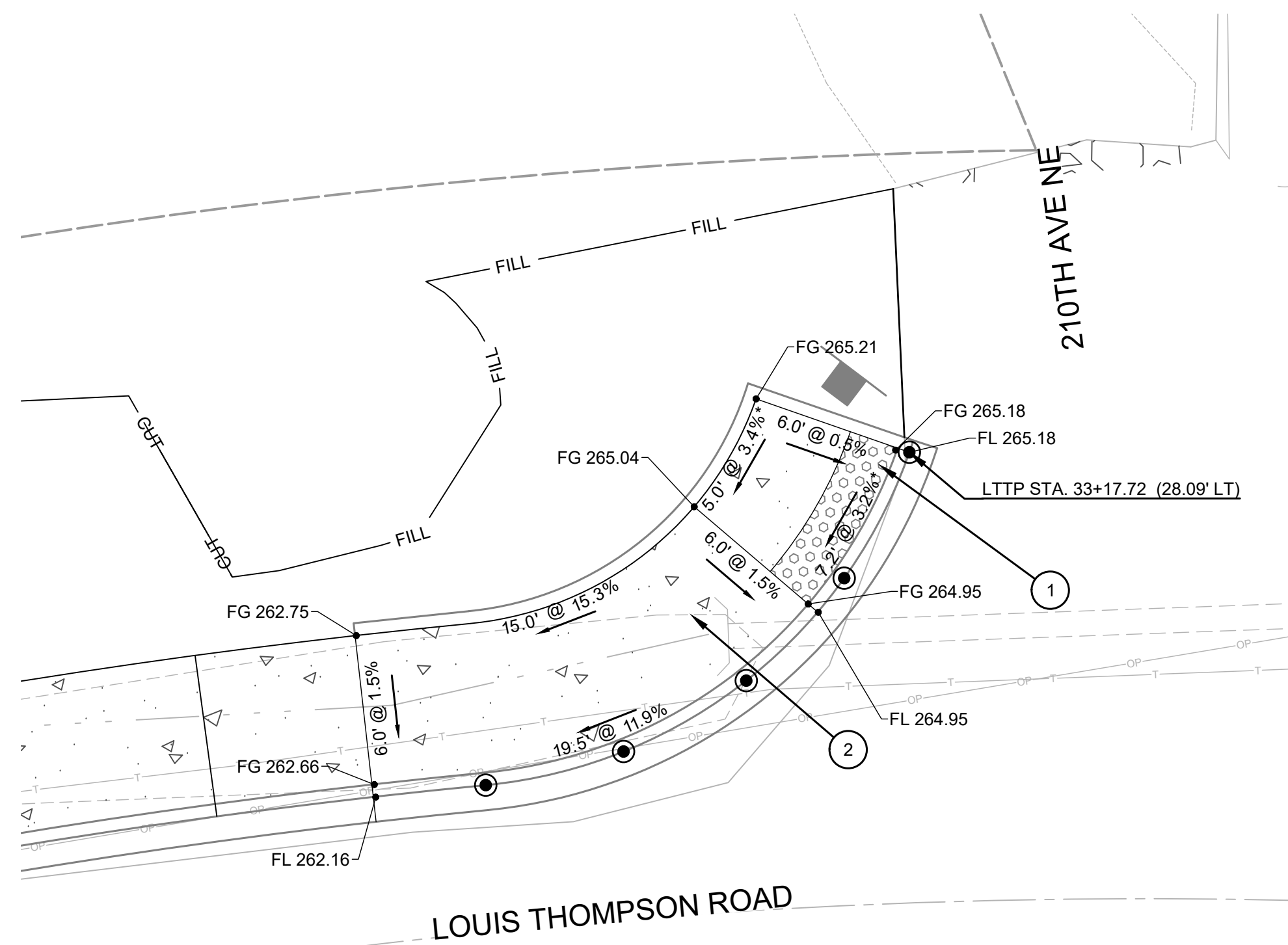


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 ADA CURB RAMP PLAN

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=5' V: N/A	CR04 SHEET 79 of 101

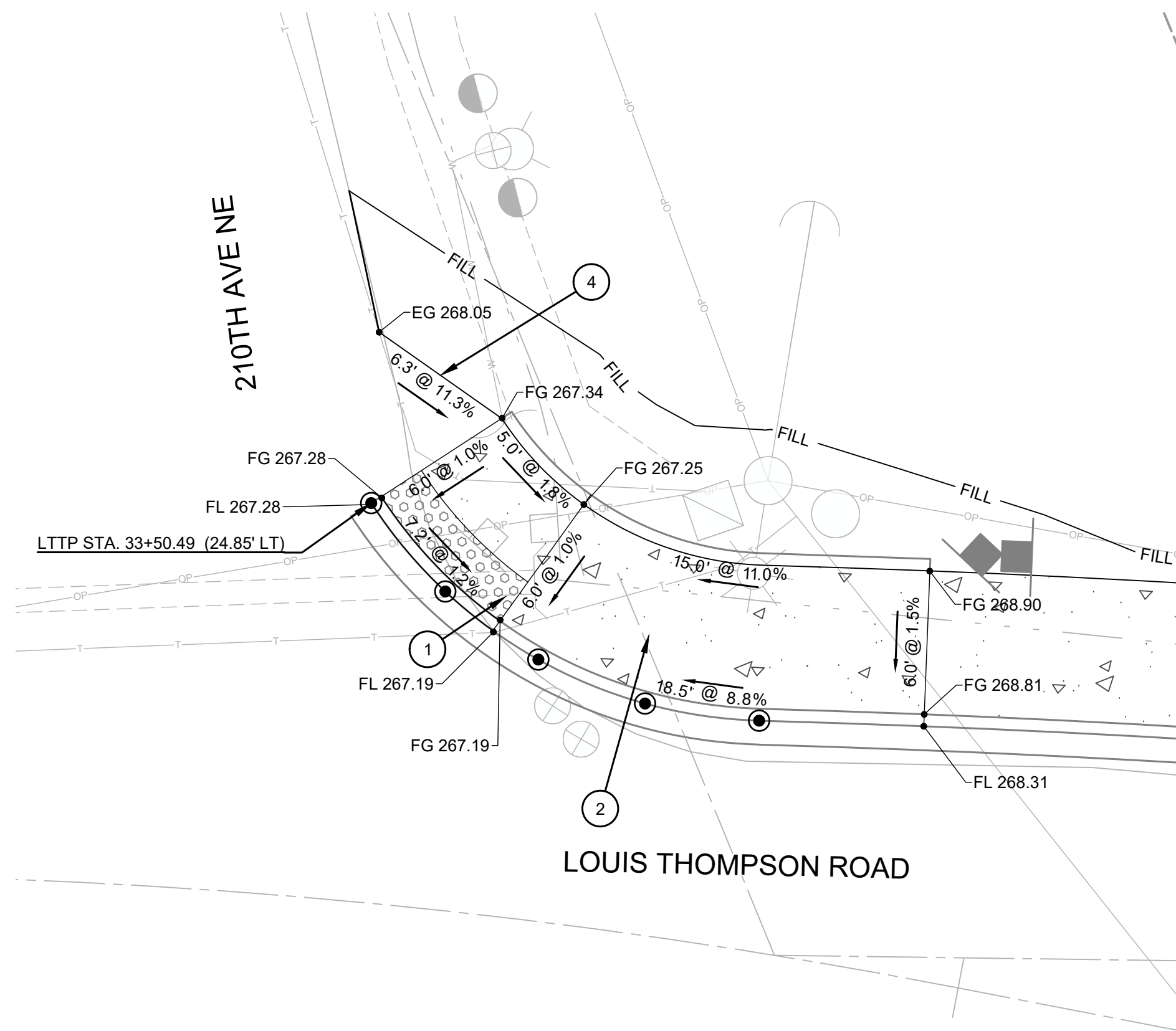


FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P\_10-210058\_ROAD\_RAMP.DWG  
 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNDIDGE



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	33+00.74 (1600' LT)	262.70'
Δ=	66°41'26"	1/4 Δ 263.38'
R=	20.00'	1/2 Δ 264.05'
L=	23.28'	3/4 Δ 265.00'
T=	13.16'	
P.T.	33+17.89 (28.55' LT)	265.18'

**NORTH CORNER LOUIS THOMPSON RD & 210TH AVE NE**



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	33+50.49 (24.85' LT)	267.28'
Δ=	55°21'35"	1/4 Δ 267.22'
R=	20.00'	1/2 Δ 267.39'
L=	19.32'	3/4 Δ 267.81'
T=	10.49'	
P.T.	33+66.28 (16.00' LT)	268.06'

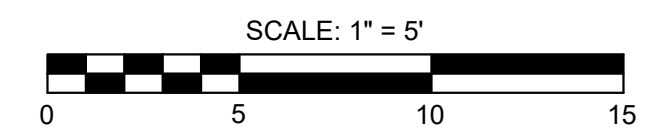
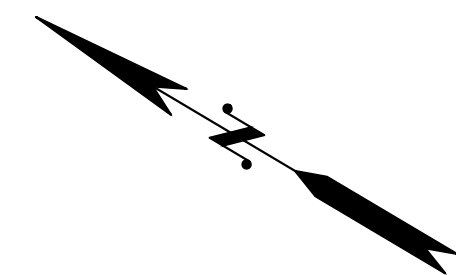
**EAST CORNER LOUIS THOMPSON RD & 210TH AVE NE**

**GENERAL NOTES:**

- SEE SHEETS 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN AND SHEETS 74 TO 75 FOR SIDE STREET PLAN AND PROFILES.
- THE TRUNCATED DOMES OF DETECTABLE WARNING SURFACE SHALL BE ALIGNED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BACK OF CURB PER WSDOT STD. PLAN F-45.10-02. THE DETECTABLE WARNING SURFACE HATCH PATTERN IS NOT DRAWN TO SCALE AND SYMBOLS ARE SCHEMATIC.
- THE MAXIMUM VERTICAL LIP OR DISCONTINUITY IS 1/4".
- THE MAXIMUM GUTTER SLOPE IS 5 PERCENT.
- GRADE BREAKS (INCLUDING THE CONNECTION BETWEEN CURB RAMP OR LANDING AND THE GUTTER) MUST BE FLUSH.
- THE CONTRACTOR SHALL NOT EXCEED GRADE SLOPES SHOWN ON THE PLANS. DISTANCES AND ELEVATIONS SHOWN ARE APPROXIMATE. THE CITY ENGINEER, OR INSPECTOR, SHALL APPROVE CURB RAMP ELEVATIONS PRIOR TO POURING CONCRETE.
- ALL STATION AND OFFSET FOR CURB RETURNS ARE BASED ON LFTP CENTERLINE.
- ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.
- ELEMENTS DENOTED WITH "\*" WERE DESIGNED TO THE MAXIMUM EXTENT FEASIBLE.

**CONSTRUCTION NOTES:**

- CONSTRUCT DETECTABLE WARNING SURFACE PER WSDOT STD. PLAN F-45.10.
- CONSTRUCT PARALLEL CURB RAMP PER C.O.S. FIG 02-07.
- CONSTRUCT SINGLE DIRECTION CURB RAMP PER C.O.S. FIG 02-08.
- CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG 03-07.



Know what's below.  
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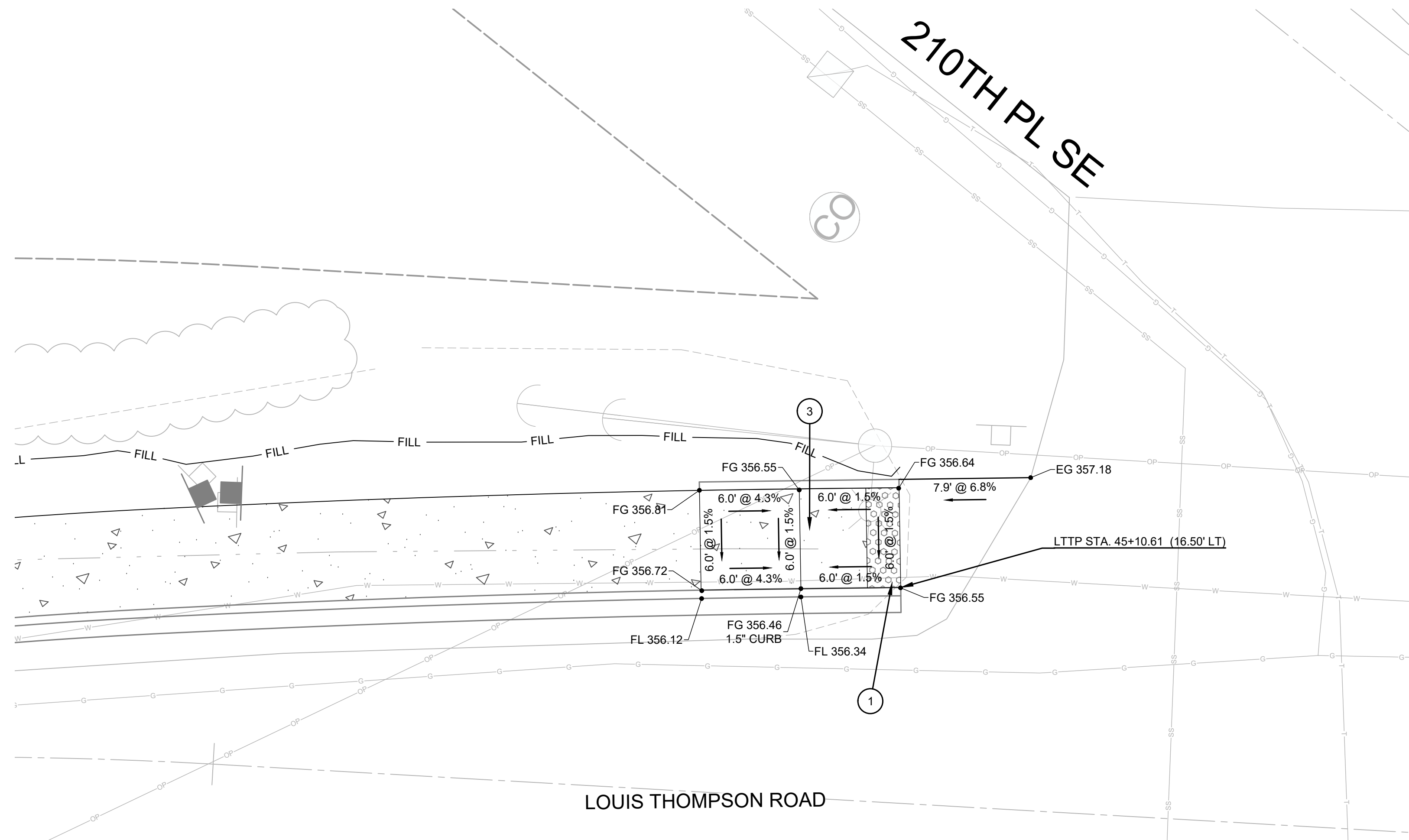


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS	Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	DAVID EVANS AND ASSOCIATES, INC.	NO.	DATE	REVISION	BY	City of Sammamish Washington	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH ADA CURB RAMP PLAN		JOB# / DWG 10-210058	DATE 08/25/2023
			SCALE H: 1"=5'      V: N/A		CR05 SHEET 80 of 101						



FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058\_ROAD\_RAMP.DWG  
 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNDIGE



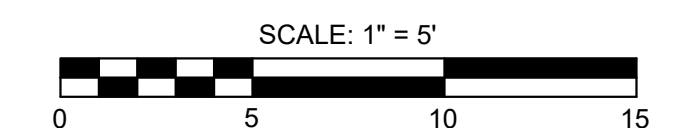
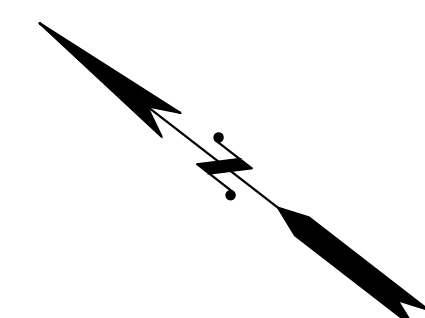
**WEST OF LOUIS THOMPSON RD & 210TH PL SE**

**GENERAL NOTES:**

- SEE SHEETS 45 TO 54 FOR NON-MOTORIZED IMPROVEMENT PLAN AND SHEETS 74 TO 75 FOR SIDE STREET PLAN AND PROFILES.
- THE TRUNCATED DOMES OF DETECTABLE WARNING SURFACE SHALL BE ALIGNED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BACK OF CURB PER WSDOT STD. PLAN F-45.10-02. THE DETECTABLE WARNING SURFACE HATCH PATTERN IS NOT DRAWN TO SCALE AND SYMBOLS ARE SCHEMATIC.
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- ALL STATION AND OFFSET FOR CURB RETURNS ARE BASED ON LTTP CENTERLINE.
- ADJUSTED TO GRADE AND HAVE AN ADA COMPLIANT SKID RESISTANT LID.
- ELEMENTS DENOTED WITH "\*" WERE DESIGNED TO THE MAXIMUM EXTENT FEASIBLE.

**## CONSTRUCTION NOTES:**

- CONSTRUCT DETECTABLE WARNING SURFACE PER WSDOT STD. PLAN F-45.10.
- CONSTRUCT PARALLEL CURB RAMP PER C.O.S. FIG 02-07.
- CONSTRUCT SINGLE DIRECTION CURB RAMP PER C.O.S. FIG 02-08.



Know what's below.  
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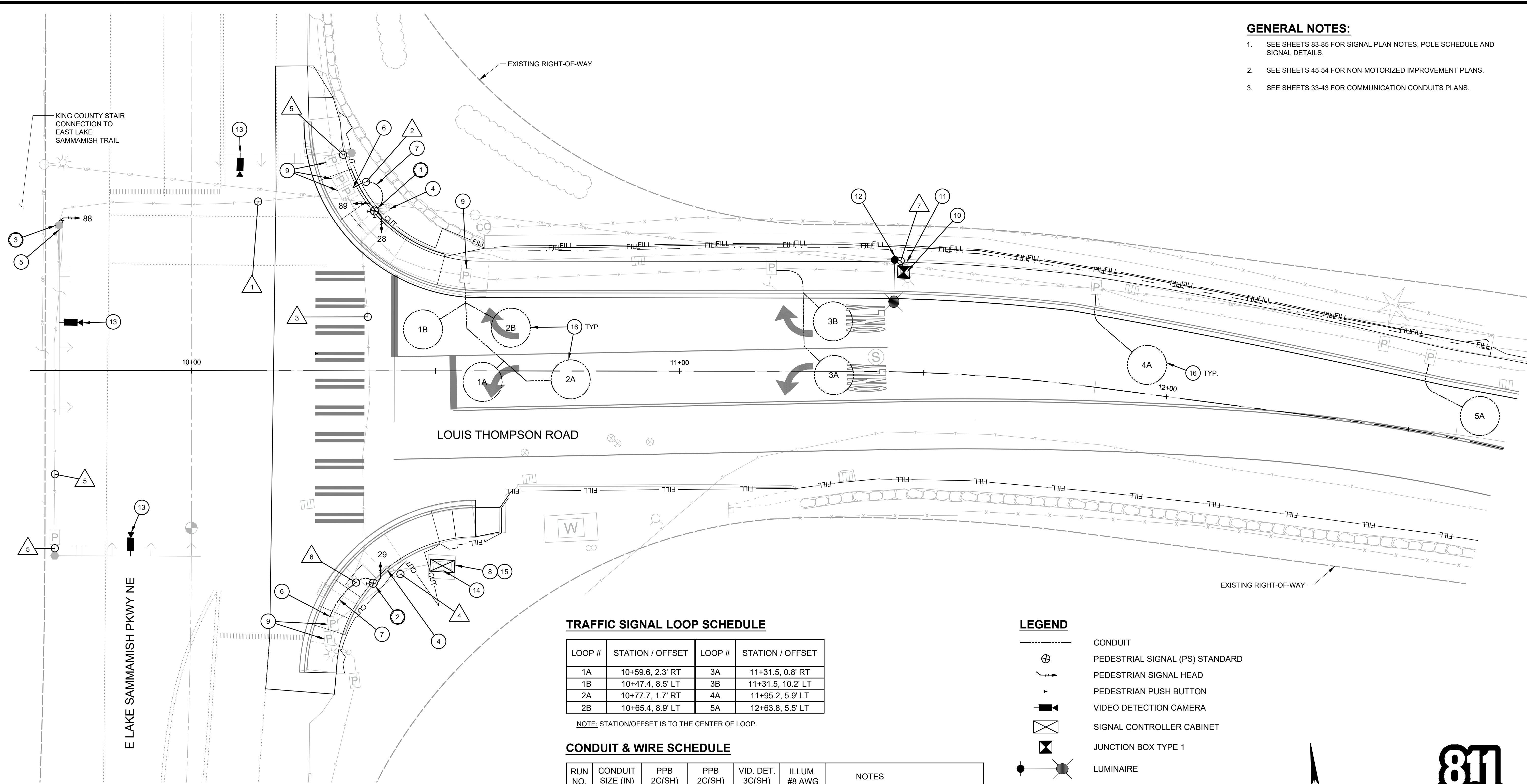
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DESIGNED BY CAWO DRAWN BY RAKO CHECKED BY SBS	Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	DAVID EVANS AND ASSOCIATES, INC.	NO.    DATE    REVISION    BY	City of Sammamish Washington	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH ADA CURB RAMP PLAN	JOB# / DWG 10-210058 SCALE H: 1"=5'    V: N/A	DATE 08/25/2023 <b>CR06</b> SHEET 81 of 101
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**GENERAL NOTES:**

1. SEE SHEETS 83-85 FOR SIGNAL PLAN NOTES, POLE SCHEDULE AND SIGNAL DETAILS.
2. SEE SHEETS 45-54 FOR NON-MOTORIZED IMPROVEMENT PLANS.
3. SEE SHEETS 33-43 FOR COMMUNICATION CONDUITS PLANS.



**TRAFFIC SIGNAL LOOP SCHEDULE**

LOOP #	STATION / OFFSET	LOOP #	STATION / OFFSET
1A	10+59.6, 2.3' RT	3A	11+31.5, 0.8' RT
1B	10+47.4, 8.5' LT	3B	11+31.5, 10.2' LT
2A	10+77.7, 1.7' RT	4A	11+95.2, 5.9' LT
2B	10+65.4, 8.9' LT	5A	12+63.8, 5.5' LT

NOTE: STATION/OFFSET IS TO THE CENTER OF LOOP.

**CONDUIT & WIRE SCHEDULE**

RUN NO.	CONDUIT SIZE (IN)	PPB 2C(SH)	PPB 2C(SH)	VID. DET. 3C(SH)	ILLUM. #8 AWG	NOTES
1	EX.	1	1	2	--	MAINTAIN EX. CIRCUITRY
2	2"	2	2	--	--	SCH 40
3	EX.	3	3	3	--	MAINTAIN EX. CIRCUITRY
4	EX.	4	4	3	--	MAINTAIN EX. CIRCUITRY
5	EX.	--	--	1	--	MAINTAIN EX. CIRCUITRY
6	2"	1	1	--	--	SCH 40
7	2"	--	--	--	3	CONNECT TO EX. LIGHTING CIRCUIT

NOTE: EXISTING CONDUIT RUNS TO REMAIN UNLESS OTHERWISE NOTED. NEW PUSHBUTTON CONDUCTOR [2C(SH)] SHALL BE ROUTED BACK TO SIGNAL CONTROLLER CABINET WITH NO SPLICES. OLD PUSHBUTTON CONDUCTOR TO BE REMOVED COMPLETELY TO SIGNAL CONTROLLER CABINET.

**LEGEND**

- CONDUIT
- PEDESTRIAN SIGNAL (PS) STANDARD
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- VIDEO DETECTION CAMERA
- SIGNAL CONTROLLER CABINET
- JUNCTION BOX TYPE 1
- LUMINAIRE
- TRAFFIC SIGNAL LOOP
- SIGNAL POLE CONSTRUCTION NOTE
- SIGNAL CONSTRUCTION NOTE
- WIRING NOTE

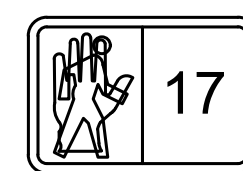
**APS SPEECH MESSAGE**

APS SPEECH MESSAGE - CROSSING LOUIS THOMPSON ROAD

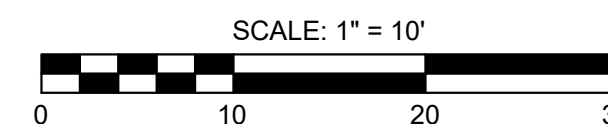
"LOUIS THOMPSON ROAD. WALK SIGN IS ON TO CROSS LOUIS THOMPSON ROAD"

APS SPEECH MESSAGE - CROSSING E. LAKE SAMMAMISH PARKWAY SE

"EAST LAKE SAMMAMISH PARKWAY. WALK SIGN IS ON TO CROSS EAST LAKE SAMMAMISH PARKWAY"



PEDESTRIAN HEAD NO.  
28, 29, 88, 89



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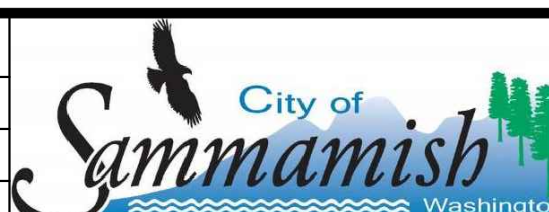
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PLOT TIME: 8/23/2023 2:46 PM  
USER NAME: LAURA TURNIDGE

DESIGNED BY: RAKO  
DRAWN BY: RAKO  
CHECKED BY: SBS

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**DAVID EVANS AND ASSOCIATES INC.**

NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
SIGNAL PLAN

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=20' V: N/A		
			<b>SG01</b>
			SHEET 82 of 101



FILE NAME: C:\PIV\_OCI\_WORKINGDIROSBORNCORNCONSULTING-PW.BENTLEY.COM\_OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\DM265661P\_10-210058\_ROAD\_SIGNAL.DWG  
 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNDIGE

**GENERAL NOTES:**

- ALL WORKMANSHIP, MATERIALS, AND TESTING SHALL BE IN ACCORDANCE WITH NEC STANDARDS, WSDOT/APWA STANDARD PLANS, CITY OF SAMMAMISH STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND THESE PLANS. IN CASE OF CONFLICT, THE MOST STRINGENT GUIDELINE SHALL APPLY.
- ALL CONDUITS SHALL CONTAIN GROUND WIRE. GROUND WIRE SHALL MATCH THE LARGEST CONDUCTOR (MINIMUM SIZE #8 AWG) OR AS NOTED IN THE WIRING SCHEDULE.
- SCHEDULE 80 RIGID PVC CONDUIT SHALL BE USED FOR ALL STREET CROSSINGS. SCHEDULE 40 RIGID PVC CONDUIT SHALL BE USED ELSEWHERE.
- ANY EXISTING PUBLIC IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-EXISTING CONDITIONS OR BETTER PRIOR TO FINAL INSPECTION AT COST OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY IMMEDIATELY UPON DAMAGE.
- THE CONDUIT RUNS SHOWN ON THE PLANS ARE SCHEMATIC, HOWEVER, THEY SHOULD BE FOLLOWED AS CLOSELY AS SITE CONDITIONS ALLOW AND MAY BE REVISED, AS DIRECTED BY THE INSPECTOR OR ENGINEER, TO ALLOW FOR UNFORSEEN CONFLICTS.
- THE NUMBER OF CONDUIT BENDS BETWEEN PULL POINTS SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL). IF THE NUMBER OF BENDS EXCEEDS 360 DEGREES, THE CONTRACTOR SHALL INSTALL ADDITIONAL JUNCTION BOXES, AS REQUIRED.
- CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY THAT MINIMUM OVERHEAD CLEARANCE REQUIREMENTS WILL BE SATISFIED.
- CONTRACTOR SHALL SALVAGE ALL EXISTING POLES, PEDESTRIAN HEADS AND EQUIPMENT AND RETURN TO CITY OF SAMMAMISH TRAFFIC SIGNAL GROUP. COORDINATE WITH MELISSA LUCAS AT (425) 295-5127 A MINIMUM OF 10 DAYS PRIOR TO REMOVAL.

**# CONSTRUCTION NOTES:**

- INSTALL NEW PEDESTRIAN SIGNAL (PS) STANDARD AND TYPE 1 SIGNAL STANDARD FOUNDATION FOR ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH CURB BASE PER WSDOT STD. PLAN J-20.11-03, J-20.16-02 AND J-20.20-02. POLE SHALL BE POWDER COATED DARK GREEN PANTONE #5605U. HANDHOLE TO FACE AWAY FROM TRAFFIC. INSTALL PEDESTRIAN HEAD TYPE C MOUNT ON PS POLE PER WSDOT STD. PLAN J-75.10-02. INSTALL TWO LED COUNTDOWN PEDESTRIAN SIGNAL HEADS WITH APS CONTROLLERS AND TWO GUARDIAN APS PUSH BUTTON ASSEMBLIES WITH SIGN R10-3D. CONTRACTOR TO ALIGN PUSH BUTTON ASSEMBLIES PERPENDICULAR TO DIRECTION OF CROSSWALK. SEE APS SPEECH MESSAGE ON SHEET 82.
- INSTALL NEW PEDESTRIAN SIGNAL (PS) STANDARD AND TYPE 1 SIGNAL STANDARD FOUNDATION FOR ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH CURB BASE PER WSDOT STD. PLAN J-20.11-03, J-20.16-02, AND J-20.20-02. POLE SHALL BE POWDER COATED DARK GREEN PANTONE #5605U. HANDHOLE TO FACE AWAY FROM TRAFFIC. INSTALL PEDESTRIAN HEAD TYPE D MOUNT ON PS POLE PER WSDOT STD. PLAN J-75.10-02. INSTALL ONE LED COUNTDOWN PEDESTRIAN SIGNAL HEAD WITH APS CONTROLLER AND ONE GUARDIAN APS PUSH BUTTON ASSEMBLY WITH SIGN R10-3D. CONTRACTOR TO ALIGN PUSH BUTTON ASSEMBLY PERPENDICULAR TO DIRECTION OF CROSSWALK. SEE APS SPEECH MESSAGE ON SHEET 82.
- INSTALL ONE LED COUNTDOWN PEDESTRIAN SIGNAL HEAD TYPE E MOUNT WITH APS CONTROLLER AND ONE GUARDIAN APS PUSH BUTTON ASSEMBLY WITH SIGN R10-3D TO EXISTING TRAFFIC SIGNAL POLE WITH AN EXTENSION PER WSDOT STD. PLAN J-20.20-02, AND J-75.10-02. CONTRACTOR TO ALIGN PUSH BUTTON ASSEMBLY PERPENDICULAR TO DIRECTION OF CROSSWALK. SEE APS SPEECH MESSAGE ON SHEET 82.
- REMOVE EXISTING PS POLE, FOUNDATION, ASSOCIATED CONDUIT TO JUNCTION BOX, AND CONDUIT ELBOWS. REMOVE CONDUCTORS BACK TO TRAFFIC SIGNAL CABINET. BACKFILL TO GRADE AS REQUIRED.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSH BUTTON FROM EXISTING TRAFFIC SIGNAL POLE. REMOVE CONDUCTORS BACK TO TRAFFIC SIGNAL CABINET. EXISTING SIGNAL POLE AND OTHER APPURTENANCES TO REMAIN. PROTECT AND MAINTAIN ALL EXISTING EQUIPMENT AND CIRCUITRY. CONTRACTOR TO SEAL ALL HOLES IN EXISTING POLE PER DETAIL ON SHEET 85. CONTRACTOR TO FIELD PAINT REPAIR AREA, DARK GREEN PANTONE #5605U, TO MATCH EXISTING POLE.
- CONNECT NEW CONDUIT TO EXISTING JUNCTION BOX. ROUTE NEW CONDUCTOR PER WIRE SCHEDULE.
- INSTALL CONDUIT PER CONDUIT & WIRE SCHEDULE. CONTRACTOR TO PROOF EXISTING CONDUIT BEFORE NEW CONDUCTOR INSTALLATION.
- TERMINATE NEW PEDESTRIAN SIGNAL AND PUSHBUTTON CONDUCTORS IN SIGNAL CONTROLLER CABINET.
- ADJUST EXISTING JUNCTION BOX TO GRADE. REPLACE EXISTING LID WITH SKID RESISTANT LID.
- REMOVE EXISTING JUNCTION BOX. INSTALL NEW TYPE 1 JUNCTION BOX WITH NON-SKID LID FOR EXISTING LUMINAIRE CIRCUIT.
- REMOVE AND SALVAGE EXISTING LUMINAIRE. REMOVE EXISTING LUMINAIRE FOUNDATION, CONDUIT ELBOWS AND CONDUCTORS. BACKFILL TO GRADE.
- INSTALL NEW LUMINAIRE FOUNDATION PER WSDOT STD PLAN J-28.30-03. INSTALL SALVAGED LUMINAIRE ON NEW FOUNDATION. INTERCEPT EXISTING CONDUIT AND ROUTE TO NEW FOUNDATION AND POLE. ROUTE NEW CONDUCTOR PER WIRE SCHEDULE TO NEW JUNCTION BOX AND SPLICE INTO EXISTING ILLUMINATION CIRCUIT.
- INSTALL NEW AUTOSCOPE VISION VIDEO DETECTION CAMERA WITH MOUNTING BRACKET (MODEL AMBKTM16S) ON EXISTING SIGNAL POLE AND ALL ASSOCIATED CONTROL/DETECTION EQUIPMENT IN TRAFFIC SIGNAL CONTROLLER CABINET. INSTALL AUTOSCOPE ENCORE BRANCH CABLE (ROUND, 3-CONDUCTOR, 18 AWG). CONTRACTOR SHALL ROUTE NEW CONDUCTORS INSIDE POLE, MAST ARM, AND CONDUITS PER WIRE SCHEDULE. TERMINATE CONDUCTORS IN TRAFFIC SIGNAL CONTROLLER CABINET.
- REMOVE EXISTING SIGNAL CONTROLLER CABINET. MAINTAIN EXISTING FOUNDATION, CONDUIT ELBOWS, AND CONDUITS. SEE TRAFFIC SIGNAL WORK PLAN, THIS SHEET.
- INSTALL NEW NEMA TS-2 SP+ SIGNAL CONTROLLER CABINET ASSEMBLY WITH SIDE ATTACHED UPS CABINET ON EXISTING FOUNDATION. CONTRACTOR SHALL FOLLOW TRAFFIC SIGNAL WORK PLAN, THIS SHEET. REFER TO SPECIAL PROVISIONS FOR EQUIPMENT REQUIREMENTS AND QUANTITIES.
- INSTALL NEW TYPE 3 INDUCTION LOOPS PER WSDOT STD PLAN J-50.12-02. RUN CONDUCTORS INTO JUNCTION BOX PER WSDOT STD PLAN J-50.15-01. ALL LEAD-INS MUST BE LABELLED. TRAFFIC LOOPS SHALL BE SPLICED WITH THE LEAD IN CABLE SPECIFIED FOR THE LANE OF TRAVEL USING BARE BUTT SPLICES. CONTRACTOR SHALL USE SCOTCH BRAND RUBBER MASTIC 2228 TO SEAL THE SPLICE BY WRAPPING IN A SPIRAL AROUND THE BARE BUTT ENCASING THE SPLICE. CONTRACTOR SHALL USE ELECTRICAL MOISTURE SEALANT TAPE 06147 TO FOLD OVER THE SPLICE SO ONE QUARTER IS ON THE PEICE THEN FOLDED OVER TO REMOVE ANY AREA FROM THE SIDES OF THE CONNECTION TO ENSURE A WATERTIGHT SEAL AROUND THE EDGES OF THE WIRE AND SPLICE. LOOPS #3 SHALL BE SPLICED TO HOMERUN DIRECT TO THE CABINET. LOOPS 1, 2 AND ADVANCED LOOPS SHALL BE SPLICED IN SERIES PER EACH LANE.

**TRAFFIC SIGNAL WORK PLAN:**

- CONTRACTOR SHALL PURCHASE NEW SIGNAL CABINET ACCORDING TO THE CITY OF SAMMAMISH TRAFFIC SIGNAL CABINET SPECIAL PROVISION 8-20.2(1).
- CONTRACTOR SHALL DELIVER THE NEW CABINET TO THE CITY OF SAMMAMISH TRAFFIC SIGNAL SHOP AT 21805 SE 8TH PL, SAMMAMISH, WA AT LEAST 32 DAYS PRIOR TO THE INSTALLATION DATE FOR TESTING.
- AFTER TESTING IS COMPLETED, CONTRACTOR SHALL PICK UP THE CABINET FROM THE SHOP FOR INSTALLATION.
- CONTRACTOR SHALL PROVIDE CITY OF SAMMAMISH LEAD SIGNAL TECHNICIAN A MINIMUM OF 2 WEEKS NOTICE OF THE CHANGE OUT DATE.
- CONTRACTOR SHALL PROVIDE TWO POLICE OFFICERS FOR TRAFFIC CONTROL IN THE INTERSECTION DURING CABINET REPLACEMENT.
- CITY OF SAMMAMISH LEAD TRAFFIC SIGNAL TECHNICIAN WILL BE PRESENT THE DAY OF CHANGE OUT, AND WILL COORDINATE WITH THE CONTRACTOR AND OFFICERS TO POWER DOWN THE TRAFFIC SIGNAL CABINET BEFORE WORK BEGINS.
- CITY OF SAMMAMISH LEAD TECHNICIAN SHALL REMOVE THE CONTROLLER, MMU, POWER SUPPLY, AND ANY OTHER EQUIPMENT THE CITY WISHES TO RETAIN. CONTRACTOR SHALL DISPOSE OF ANY OTHER EQUIPMENT.
- CONTRACTOR SHALL DISCONNECT ALL FIELD WIRING FROM EXISTING CABINET. PULL CONDUCTORS BACK TO NEAREST JUNCTION BOX FOR PROTECTION DURING CABINET REMOVAL AND REPLACEMENT.
- CONTRACTOR SHALL DISPOSE OF OLD CABINET.
- CONTRACTOR SHALL CAULK THE BOTTOM OF THE NEW CABINET, SET THE NEW CABINET, AND FASTEN NEW CABINET TO THE EXISTING FOUNDATION.
- PULL AND TERMINATE ALL FIELD WIRING INTO NEW TRAFFIC SIGNAL CABINET.
- CITY OF SAMMAMISH LEAD SIGNAL TECHNICIAN SHALL TEST AND VERIFY THAT EACH INDICATION WIRE IS TERMINATED PROPERLY AND ALL EQUIPMENT IS INSTALLED WITHIN THE CABINET, RESTORE POWER, AND TURN ON NEW TRAFFIC SIGNAL SYSTEM.
- CONTRACTOR SHALL ASSIST CITY OF SAMMAMISH LEAD TECHNICIAN WITH ANY REPAIRS OR ISSUES THAT TRANSPIRE DURING SYSTEM START UP.
- CONTRACTOR SHALL BE RESPONSIBLE FOR 90 DAY WARRANTY OF CABINET INSTALLATION AND TERMINATION WORK PERFORMED.

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DESIGNED BY RAKO	<p><b>Osborn Consulting, Inc.</b>          Bellevue   Seattle   Spokane   Bellingham          www.osbornconsulting.com</p>	<p><b>DAVID EVANS AND ASSOCIATES INC.</b></p>	NO.	DATE	REVISION	BY	<p>City of Sammamish Washington</p>	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH		JOB# / DWG 10-210058	DATE 08/25/2023
DRAWN BY RAKO								SCALE	<b>SG02</b>		
CHECKED BY SBS								H: N/A	V: N/A	SHEET 83 of 101	



### LEGEND

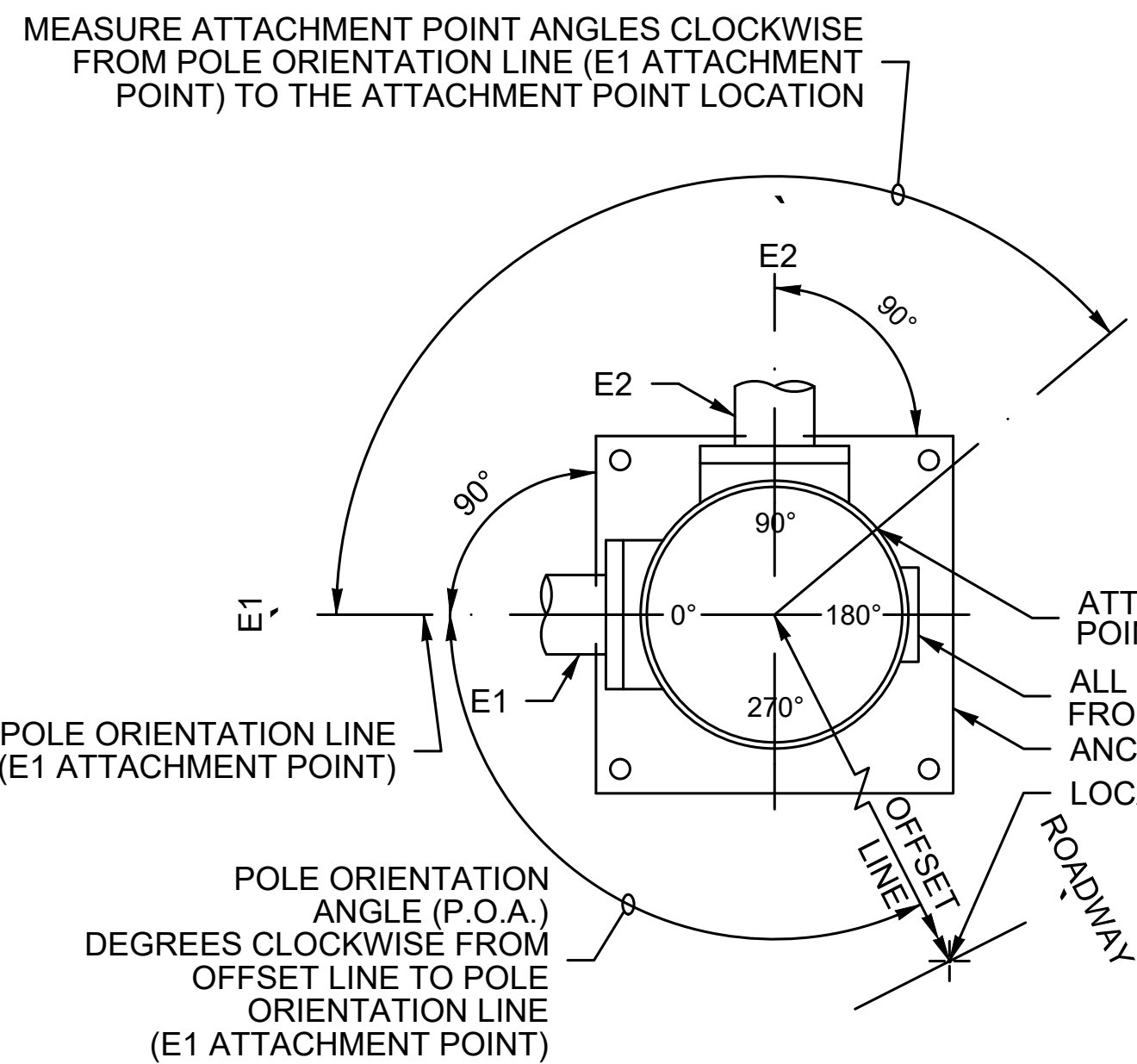
- a. VEHICLE DISPLAY      f. LUMINAIRE
- b. MAST ARM MTD. SIGN      g. PEDESTRIAN DISPLAY
- c. STREET NAME SIGN      h. TERMINAL CABINET
- d. PRE-EMPT DETECTOR      i. APS PPB-M
- e. POST MTD. SIGN      j. HANDHOLE

### SIGNAL STANDARD IDENTIFICATION TAG DETAIL

STD. NO. XX - SRXXX, MP XXX.XX -	SIGNAL STANDARD NO. - STATE ROUTE AND MILE POST NO.	STD. NO. 02 - SR97, MP 069.09	EXAMPLE
MANUFACTURER APPROVED DWG. XXXXXX FAB. X/XX/XXXX	APPROVED DRAWING NO. - FABRICATION DATE	MANUFACTURER APPROVED DWG. AB12345 FAB. 6/14/2002	

TAG NOTES:  
CORROSION RESISTANT METAL TAG SECURED WITH (2) 0.125" RIVETS AS FOLLOWS:  
- POLE SHAFT - LOCATED WITHIN 6" ABOVE HAND HOLE (TYPE II & III).  
- SIGNAL AND LUMINAIRE MAST ARM (TYPE II & III) - LOCATED WITHIN 6" OF THE LUMINAIRE ARM AND THE POLE SHAFT CONNECTION POINT (TYPE III).  
TEXT SHALL BE A MINIMUM OF 3/16" HIGH, STAMPED OR EMBOSSED.

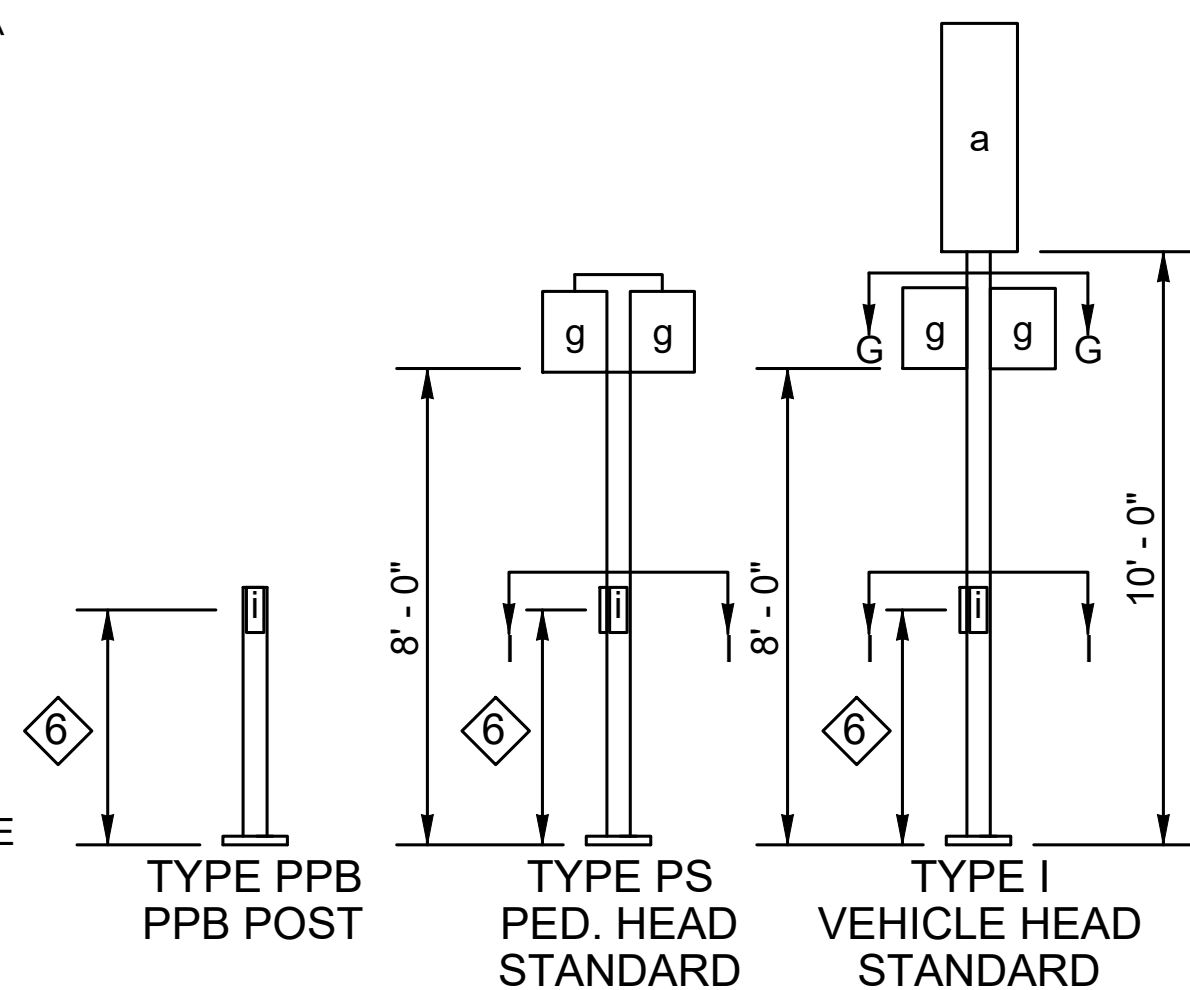
LUMINAIRE MAST ARM LENGTH	X Y Z (ft <sup>3</sup> )	STANDARD TYPE	STANDARD PLAN REFERENCES			
			POLE	FOUNDATION	ELECTRICAL	STANDARD CURB
6'	19.8	PPB	FIXED J-20.10	J-20.10	J-20.10	J-20.10
8'	26.4	BREAKAWAY	J-20.15	J-20.15	J-20.15	J-20.15
10'	33.0	PS	J-20.16	J-21.10	J-20.11	J-20.20
12'	39.6					
14'	46.2	I	J-21.15	J-21.10	N/A	J-21.20
16'	52.8	II, III, SD	N/A	J-26.10, J-26.15		



### POLE ORIENTATION AND ATTACHMENT POINT DETAIL

NOTE:  
TYPE E MOUNTS SHALL BE USED FOR PEDESTRIAN DISPLAYS ON TYPE II OR III SIGNAL STANDARDS, WITH THE FOLLOWING EXCEPTION: PEDESTRIAN DISPLAYS MOUNTED ON OCTAGONAL (8 SIDED) SIGNAL STANDARDS AT AN ANGLE OTHER THAN A 45 DEGREE INCREMENT SHALL USE A TYPE A MOUNT FOR TWO PEDESTRIAN DISPLAYS, OR A TYPE B MOUNT FOR A SINGLE PEDESTRIAN DISPLAY.

3' - 6" MEASURED FROM SIDEWALK SURFACE TO CENTER OF PEDESTRIAN PUSH BUTTON



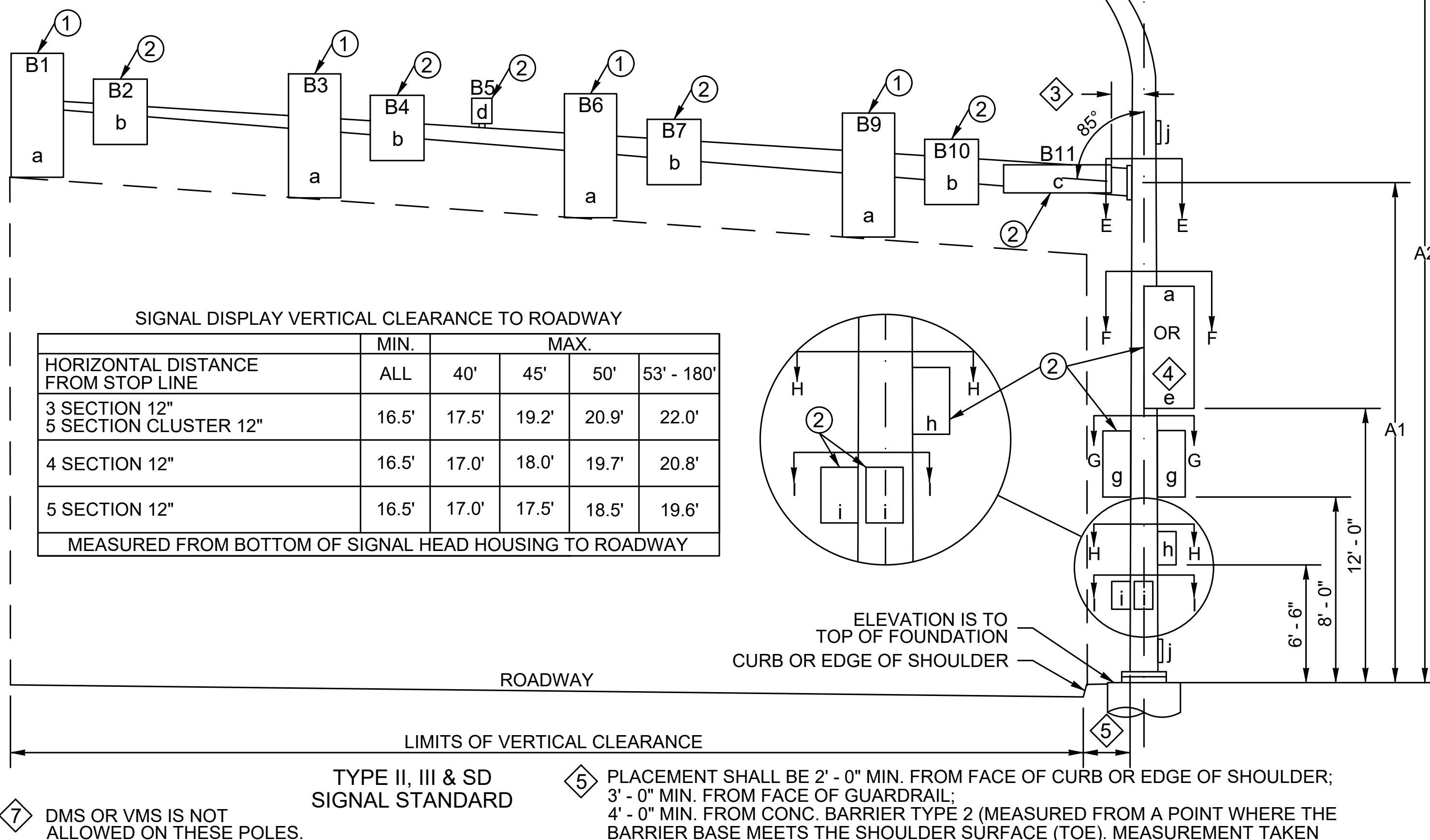
### NOTES

- ① MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART. FOR TYPE N MOUNTS ONLY, DRILL 1" DIA. HOLE IN MAST ARM AND INSTALL PLASTIC SPLIT BUSHING FOR CABLE ENTRANCE.
- ② FIELD INSTALLED. SIGN SIZES SHALL NOT EXCEED THE MAXIMUM VALUES LISTED HERE:

SIGN	HEIGHT	WIDTH	AREA
b	3.0 FT	N/A	7.5 SQ. FT.
c	3.0 FT	N/A	36.0 SQ. FT.
e	N/A	3.0 FT	15.0 SQ. FT.

③ 1' - 0" MIN. TO 2' - 6" MAX. FROM POLE CENTERLINE TO SIGN EDGE

④ FOR POST MOUNTED SIGNS THERE SHALL BE 2' - 0" MIN. FROM THE FACE OF THE CURB OR THE EDGE OF THE SHOULDER TO THE EDGE OF THE SIGN



### SIGNAL STANDARD DETAIL CHART

STD. No.	FIELD LOCATION							POLE TYPE	MOUNTING HEIGHT (FT)	SIGNAL MAST ARM DATA																					FOUNDATION DESIGN XYZ (FT <sup>3</sup> )	SOIL BEARING PRESSURE (PSF)	FOUNDATION DEPTH (FT)				REMARKS																
										OFFSETS (FT) (Z) (POLE TO ATTACHMENT POINT)											WINDLOAD AREAS (FT <sup>2</sup> ) (X)(Y)												ALTERNATE 1	ALTERNATE 2																			
	STATION	OFFSET	LT.	RT.	ELEV.	P.O.A.	A1	A2	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	C	X			Y	D		E1	E2	F	G1	G2	H	I1	I2	3' RD.	3' SQ.	4' RD.	3' RD.	4' RD.			
1	LTP 10+37.4	32.8	X			0	PS																																														FOUNDATION PER WSDOT STD. PLAN J-20.11-03.
2	LTP 10+37.3	43.5		X		0	PS																																														FOUNDATION PER WSDOT STD. PLAN J-20.11-03.
3	N226143.8', E1335836.0'					90	II																																												EX. POLE; ORIENTATION TO E LAKE SAMMAMISH PKWY NE ROW CENTERLINE		

### SIGNAL POLE SCHEDULE

NO.	DATE	REVISION	BY

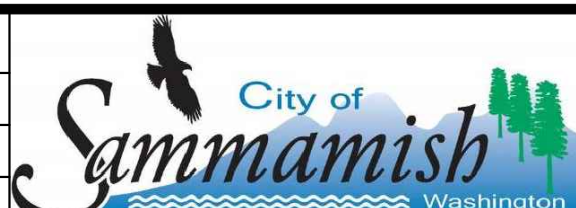
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RAKO

DRAWN BY  
RAKO

CHECKED BY  
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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**

CITY OF SAMMAMISH

**SIGNAL SCHEDULE**

JOB# / DWG: 10-210058

DATE: 08/25/2023

SCALE: H: N/A V: N/A

**SG03**

SHEET 84 of 101



90% SUBMITTAL (NOT FOR CONSTRUCTION)



**REPAIR PROCEDURE - BOLT HOLE SIZE 1/2 INCH DIAMETER OR LESS ~  
PIPE TRADE SIZE 1/2 INCH OR LESS**

**FOR UNC OR UNF THREADS**

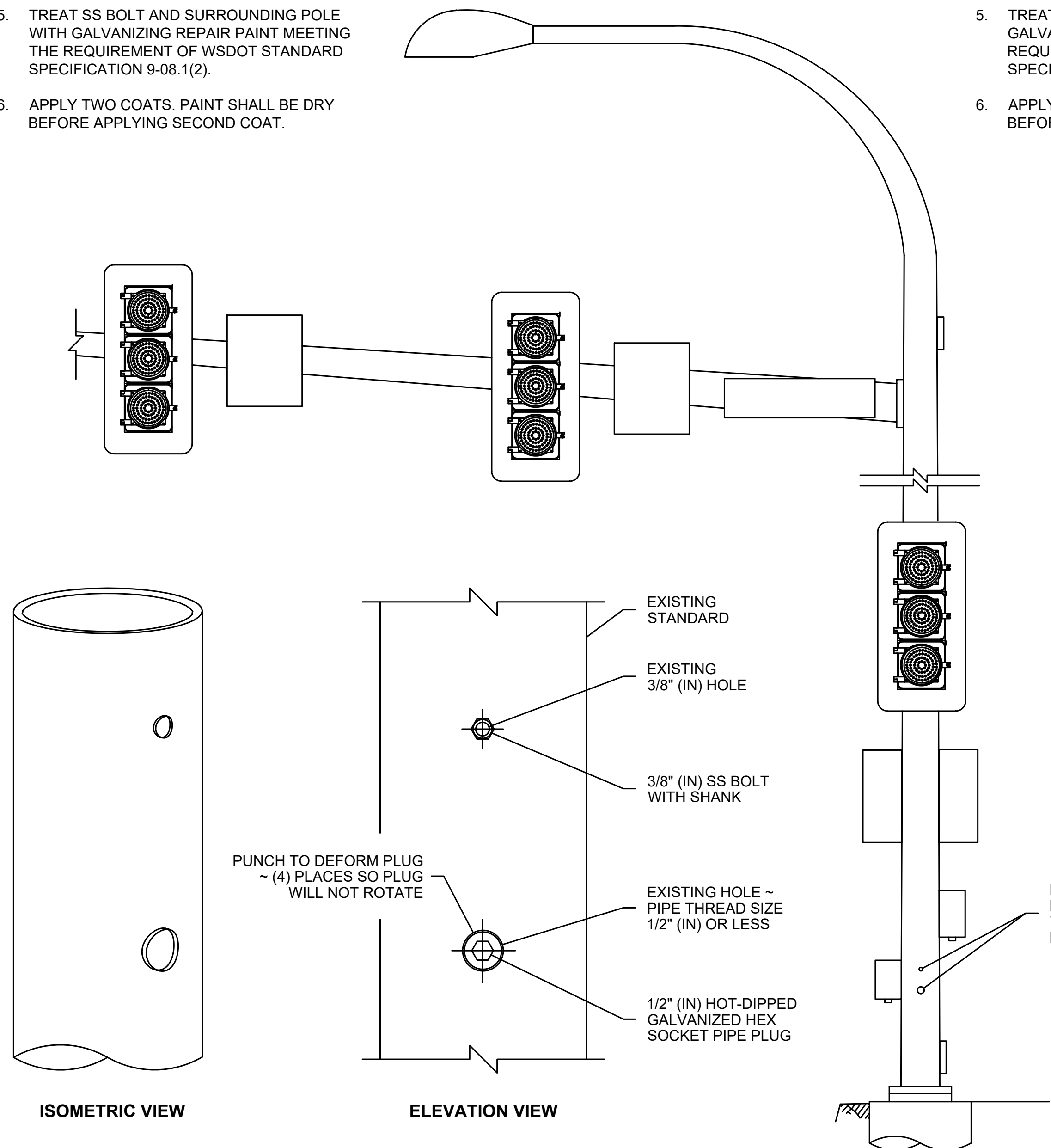
1. APPLY SILICONE CAULK TO THREADS OF SS BOLT WITH SHANK.
2. TIGHTEN SS BOLT UNTIL SHANK IS TIGHT AGAINST STANDARD.
3. CUT OFF SS BOLT EVEN WITH STANDARD.
4. FILE SS BOLT TO MATCH CONTOUR OF STANDARD.
5. TREAT SS BOLT AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF WSDOT STANDARD SPECIFICATION 9-08.1(2).
6. APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.

**FOR NATIONAL PIPE THREADS**

1. APPLY SILICONE CAULK TO THREADS OF HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG.
2. TIGHTEN PLUG UNTIL FLUSH WITH STANDARD.
3. FILE PLUG TO MATCH CONTOUR OF STANDARD.
4. FILL HEX SOCKET WITH PAINTABLE SILICONE CAULK.
5. TREAT PLUG AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF WSDOT STANDARD SPECIFICATION 9-08.1(2).
6. APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.

**REPAIR PROCEDURE - MAXIMUM HOLE SIZE 3 INCH DIAMETER**

1. SUBMITTAL PER WSDOT STANDARD SPECIFICATION 6-03.3(25).
2. MAXIMUM HOLE SIZE 3" (IN) OR LESS IN DIAMETER.
3. 1/8 INCH STEEL PLATE - TYPE ASTM A - 36 ELECTRODE TYPE XX-70.
4. THE PLATE SHALL BE 1/2" (IN) LARGER THAN THE DIAMETER OF THE HOLE TO BE REPAIRED (1/4 INCH OVERLAP ALL SIDES).
5. TACK WELD PLATE TO POLE.
6. SHAPE PLATE TO MATCH TAPER AND CURVE OF POLE.
7. 1/8" (IN) FILLET WELD ALL AROUND.
8. CHAMFER (GRIND) EDGE OF PLATE SMOOTH. REMOVE ALL BURRS AND SHARP EDGES.
9. TREAT PATCH PLATE AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).
10. APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.

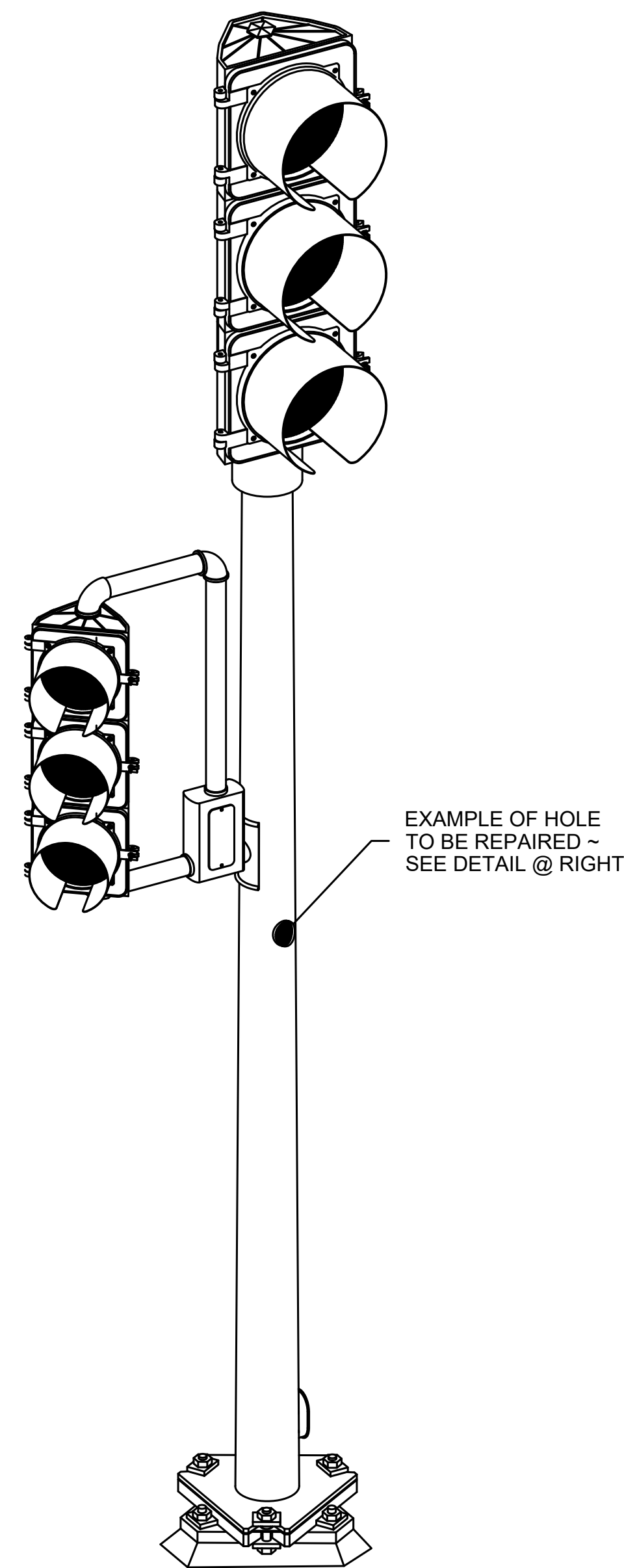


**HOLE REPAIR DETAIL**

EXAMPLE OF REPAIR FROM PPB LOCATION ~  
1/2" (IN) DIAMETER AND 3/8" (IN) DIAMETER HOLES  
SHOWN

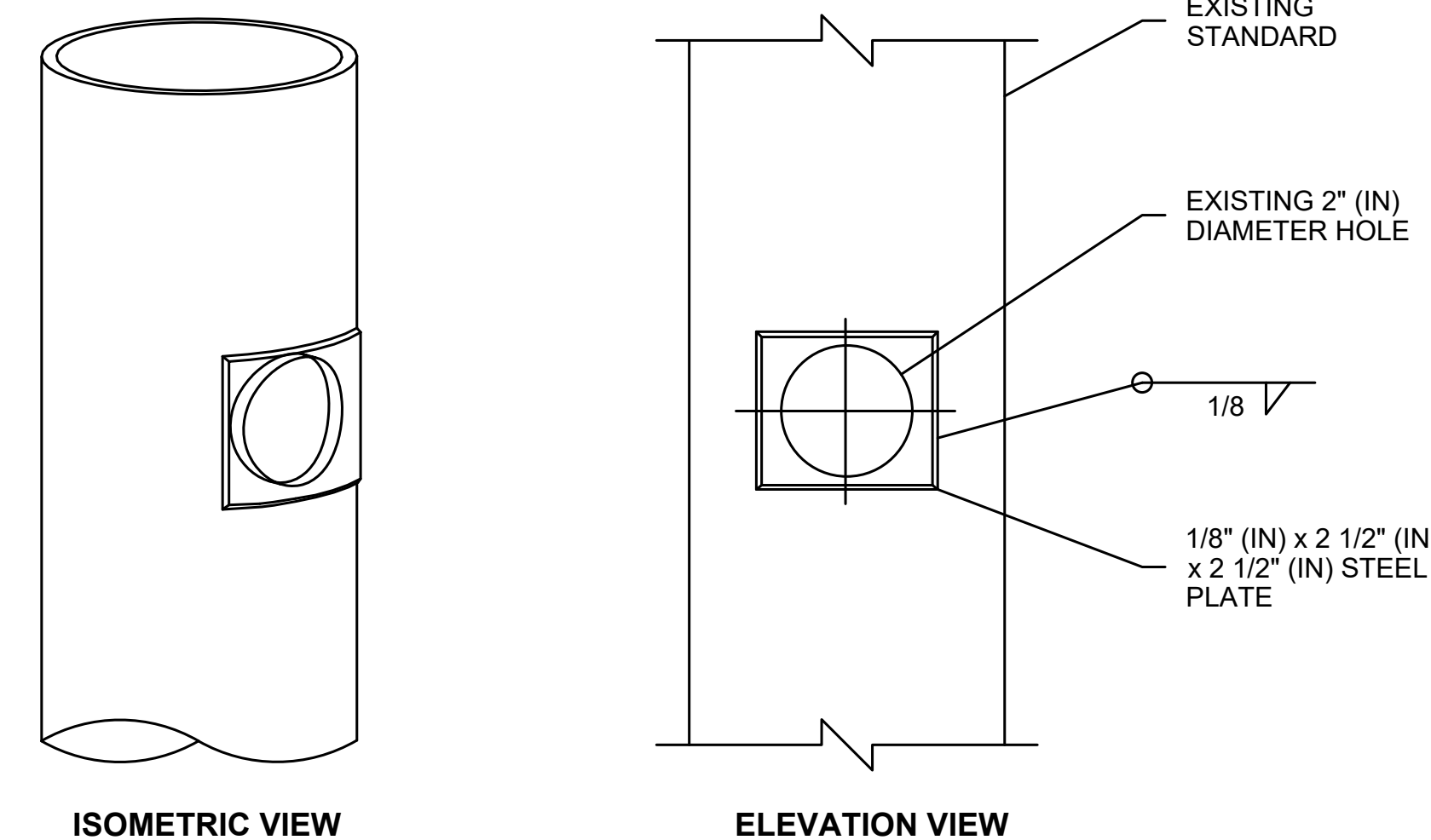
**ELEVATION**

(TYPE III SIGNAL STANDARD SHOWN)



**PERSPECTIVE VIEW**

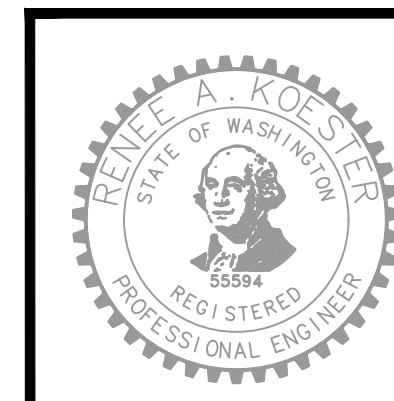
(RAMP METER SIGNAL STANDARD WITH SLIP BASE SHOWN)



**HOLE REPAIR DETAIL**

EXAMPLE WITH 2" (IN) DIAMETER HOLE SHOWN

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PLOT TIME: 8/23/2023 2:46 PM  
USER NAME: LAURA TURNIDGE

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DRAWN BY RAKO						
CHECKED BY SBS						

NO.	DATE	REVISION	BY



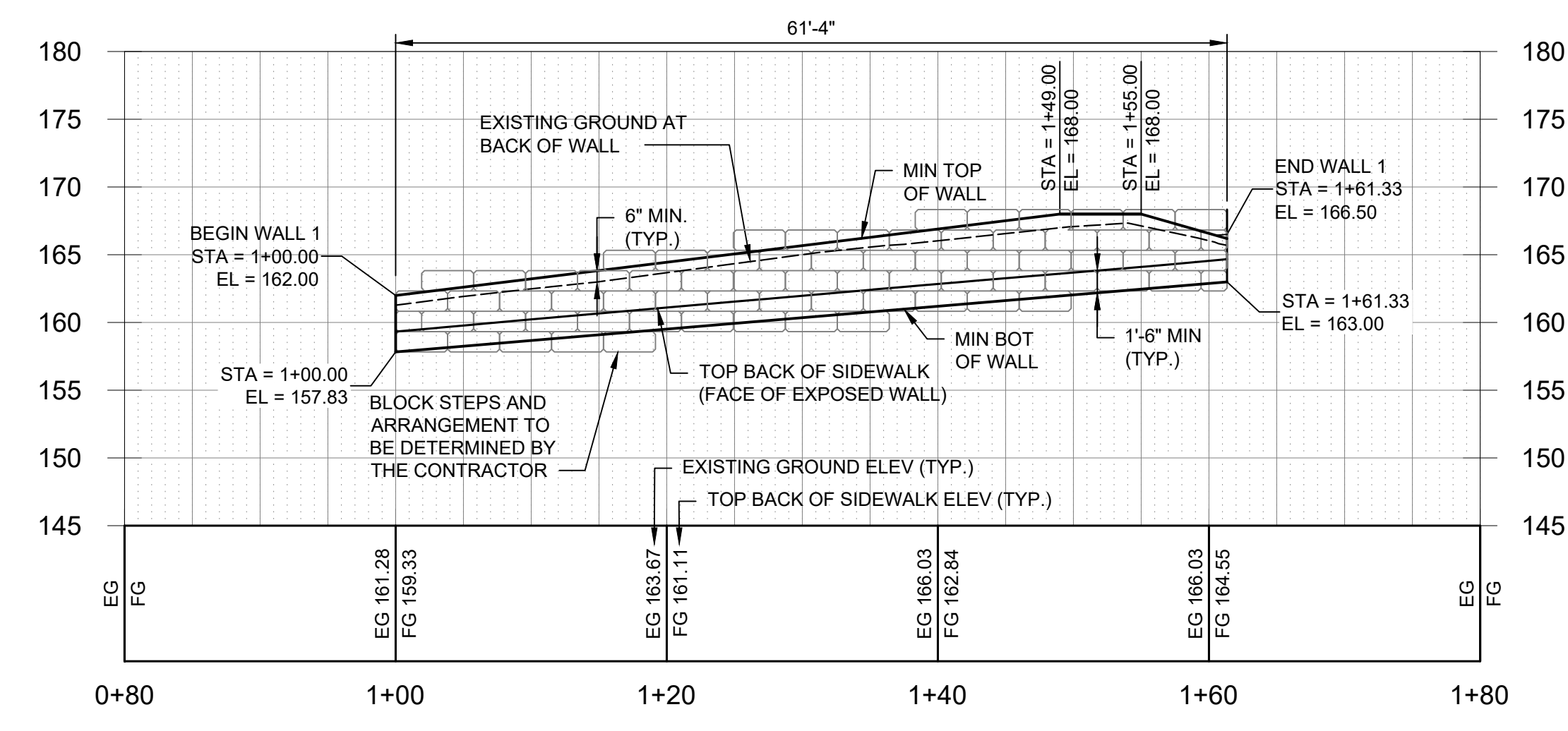
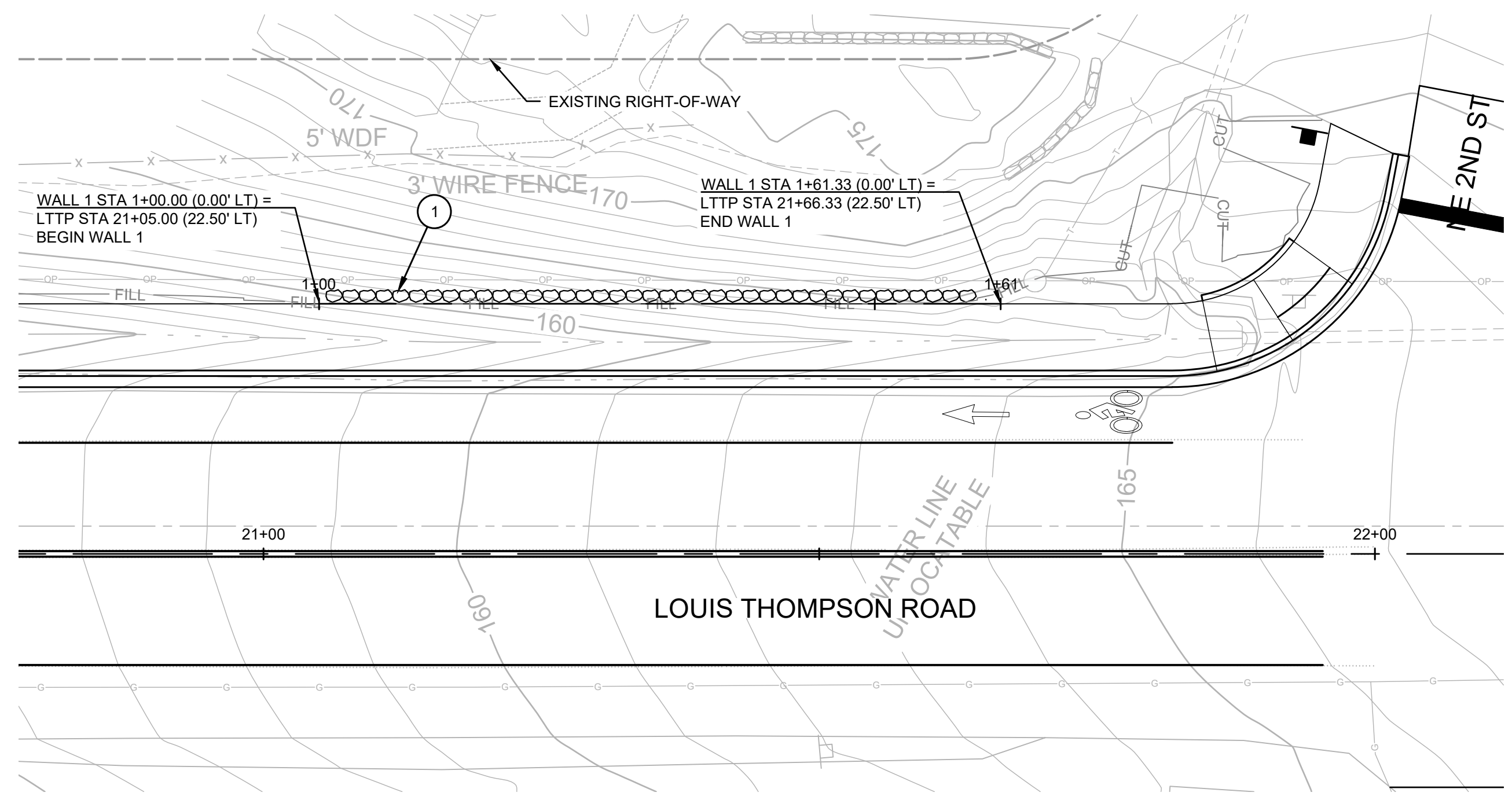
LOUIS THOMPSON ROAD TIGHTLINE PROJECT  
CITY OF SAMMAMISH  
SIGNAL DETAILS

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A		

PROJECT	SG04
SHEET	85 of 101



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 USER NAME: LAURA TURNIDGE



**WALL 1 PROFILE**

**GENERAL NOTES:**

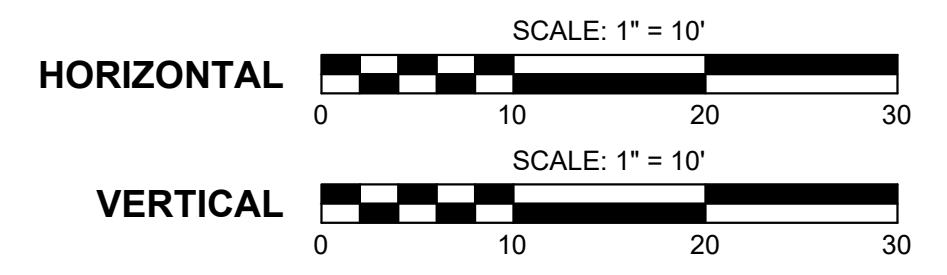
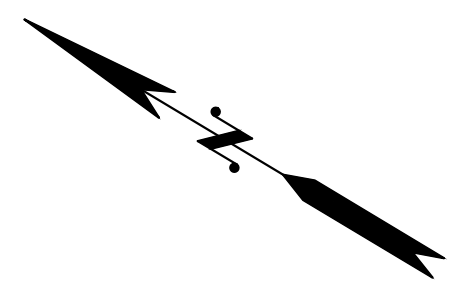
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

**CONSTRUCTION NOTES:**

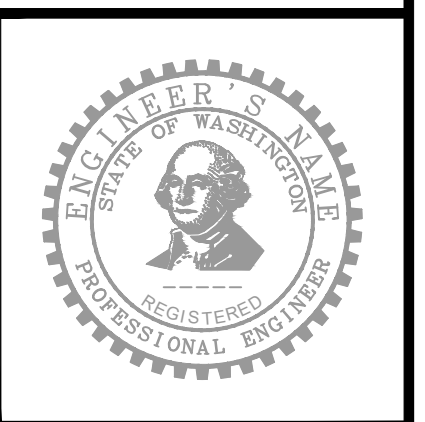
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.

**LEGEND**

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL

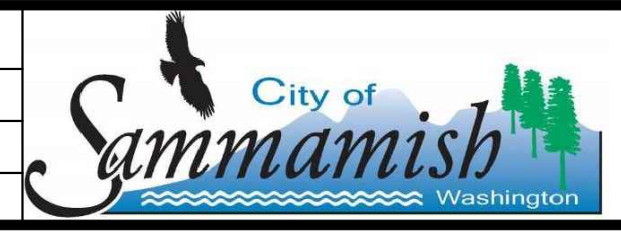


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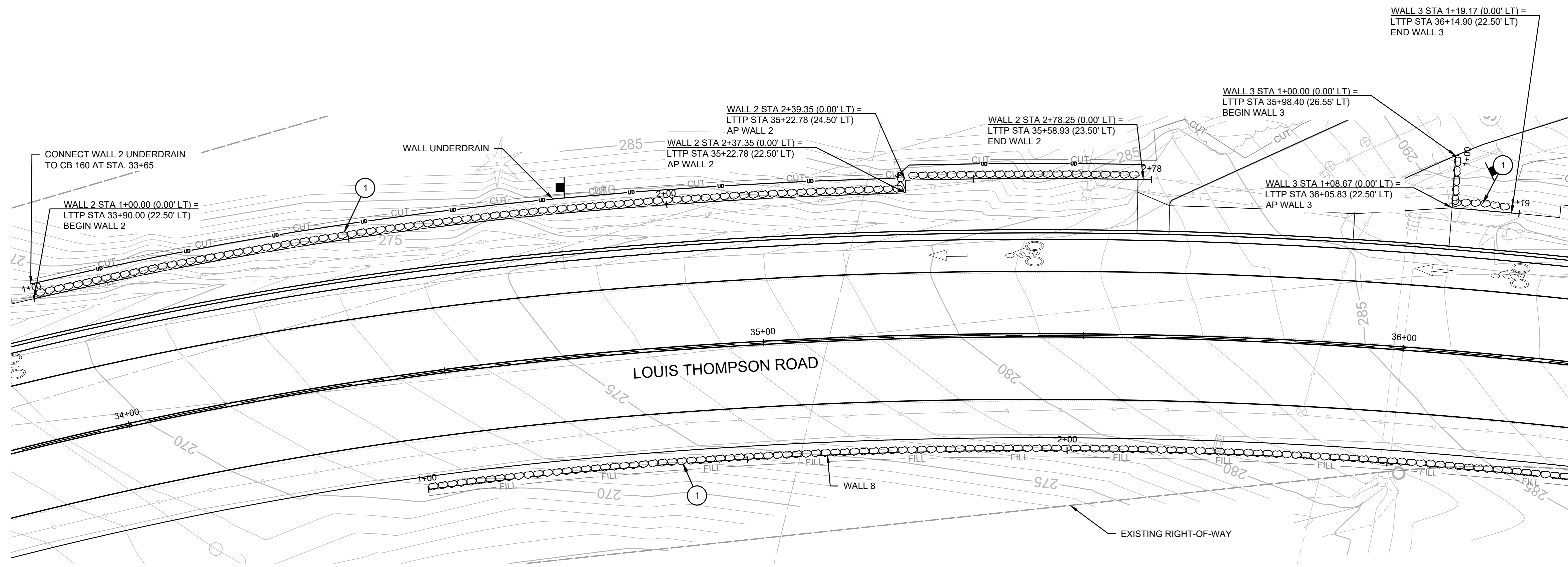
90% SUBMITTAL (NOT FOR CONSTRUCTION)

DESIGNED BY CAWO DRAWN BY DJAL CHECKED BY EJF	Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	DAVID EVANS AND ASSOCIATES, INC.	NO.	DATE	REVISION	BY	LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH WALL PLAN AND PROFILE	JOB# / DWG 10-210058	DATE 08/25/2023
								SCALE H: 1"=10' V: 1"=10'	WL01 SHEET 86 of 101



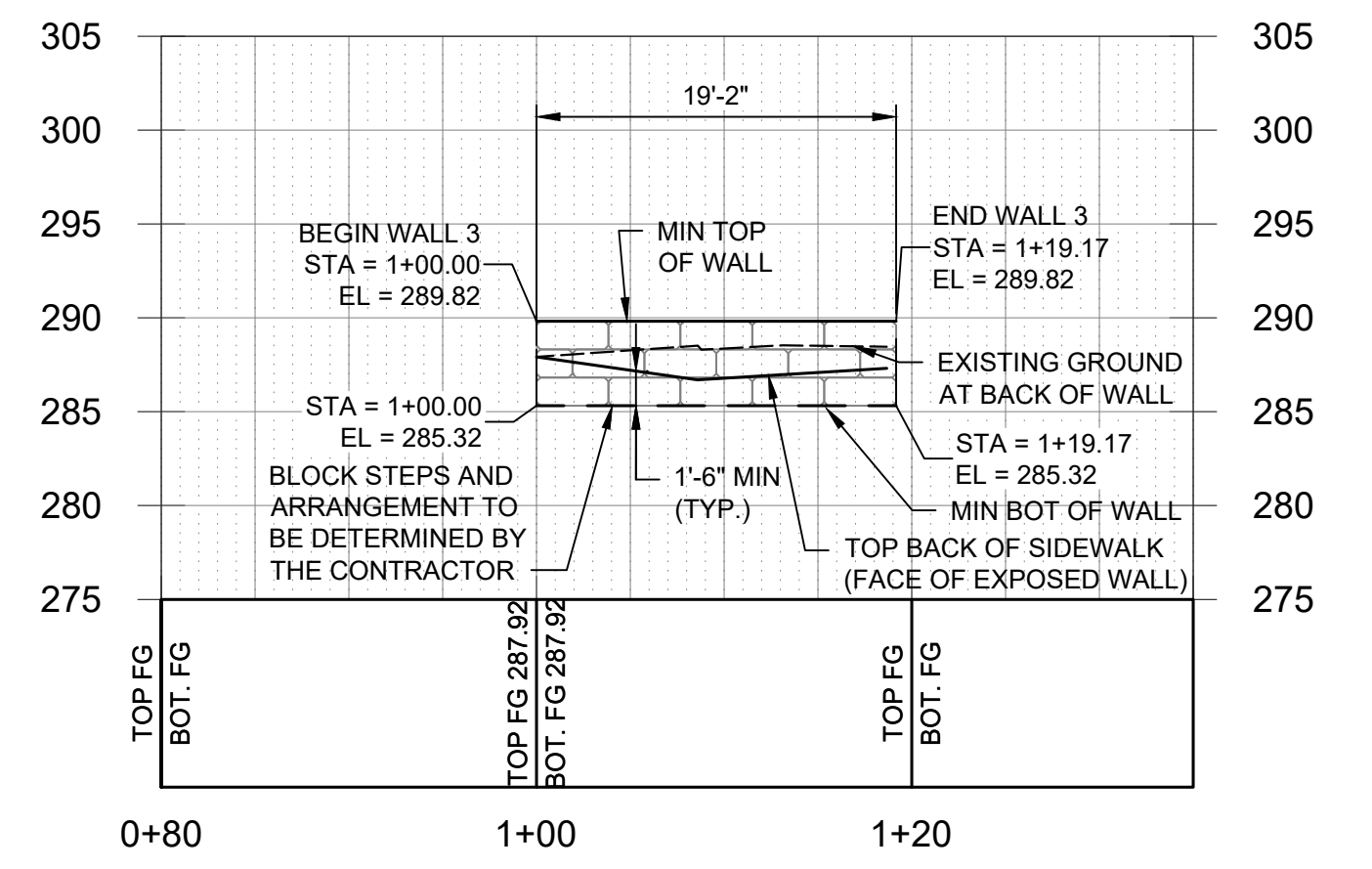
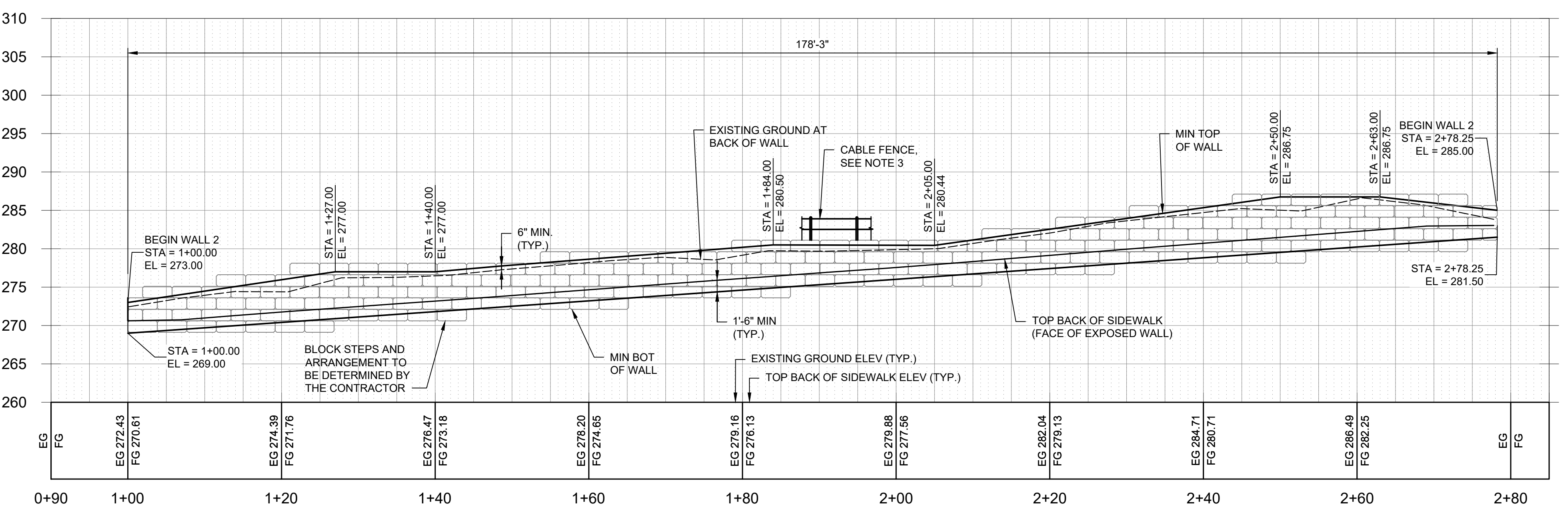
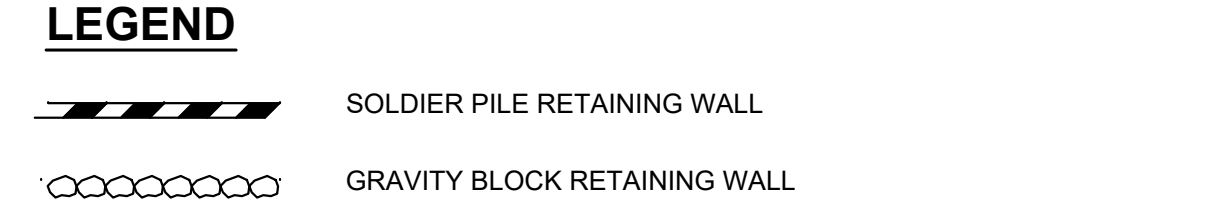


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 PLOT TIME: 8/23/2023 2:47 PM  
 USER NAME: LAURA TURNIDGE



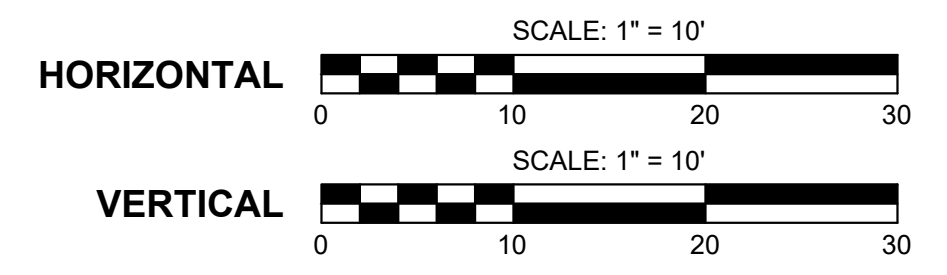
- GENERAL NOTES:**
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
  - SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

- CONSTRUCTION NOTES:**
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
  - CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.
  - CONSTRUCT CABLE FENCE FOR FALL PROTECTION PER PER WSDOT STANDARD PLAN L-5-15-00. ATTACHMENT TO GRAVITY BLOCKS SHALL BE AS PER MANUFACTURER'S DESIGN.



**WALL 2 PROFILE**

**WALL 3 PROFILE**



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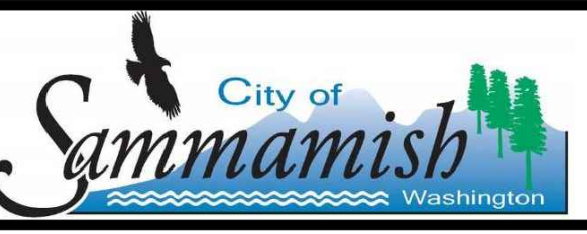


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 DRAWN BY: DJAL  
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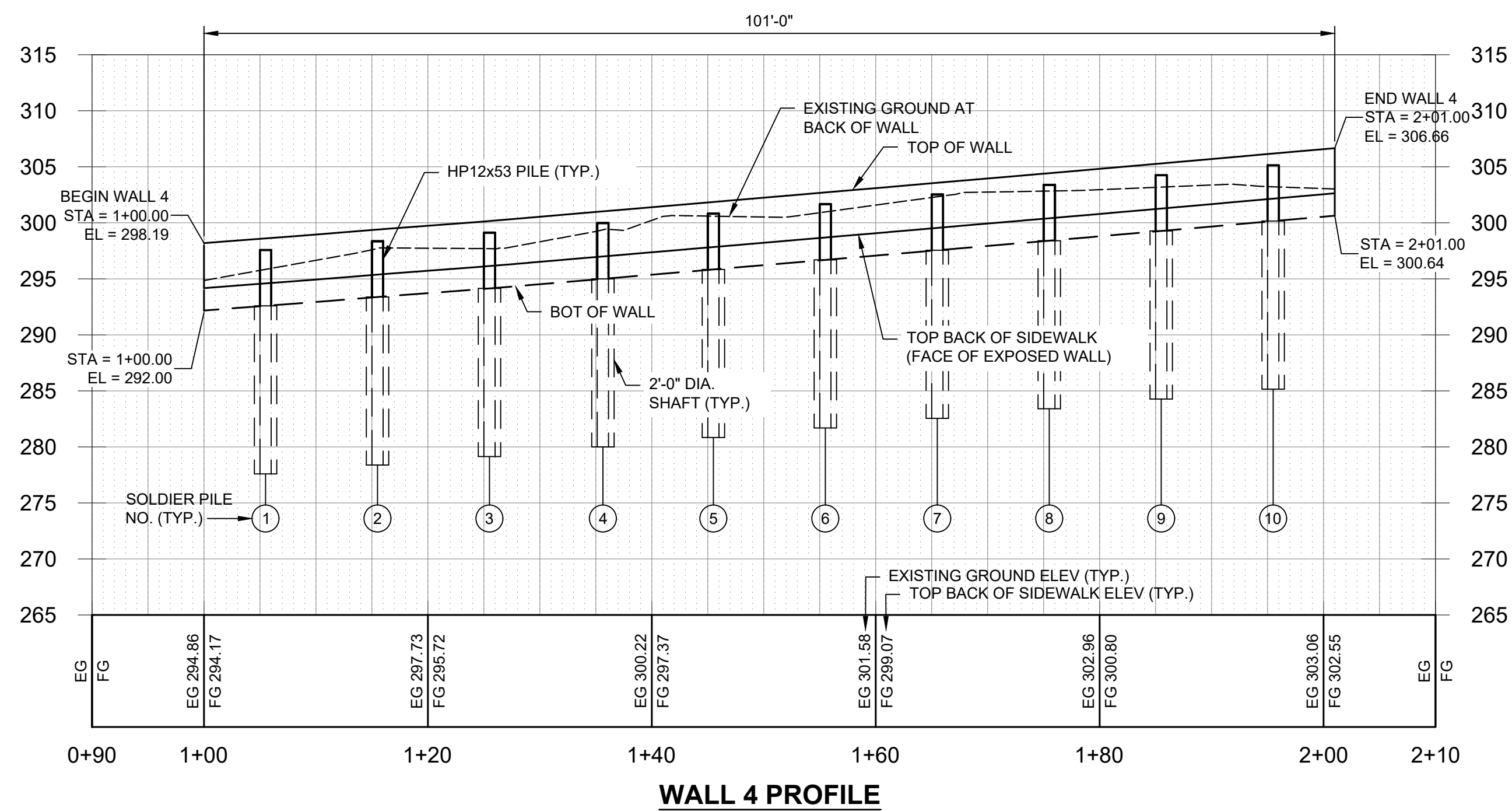
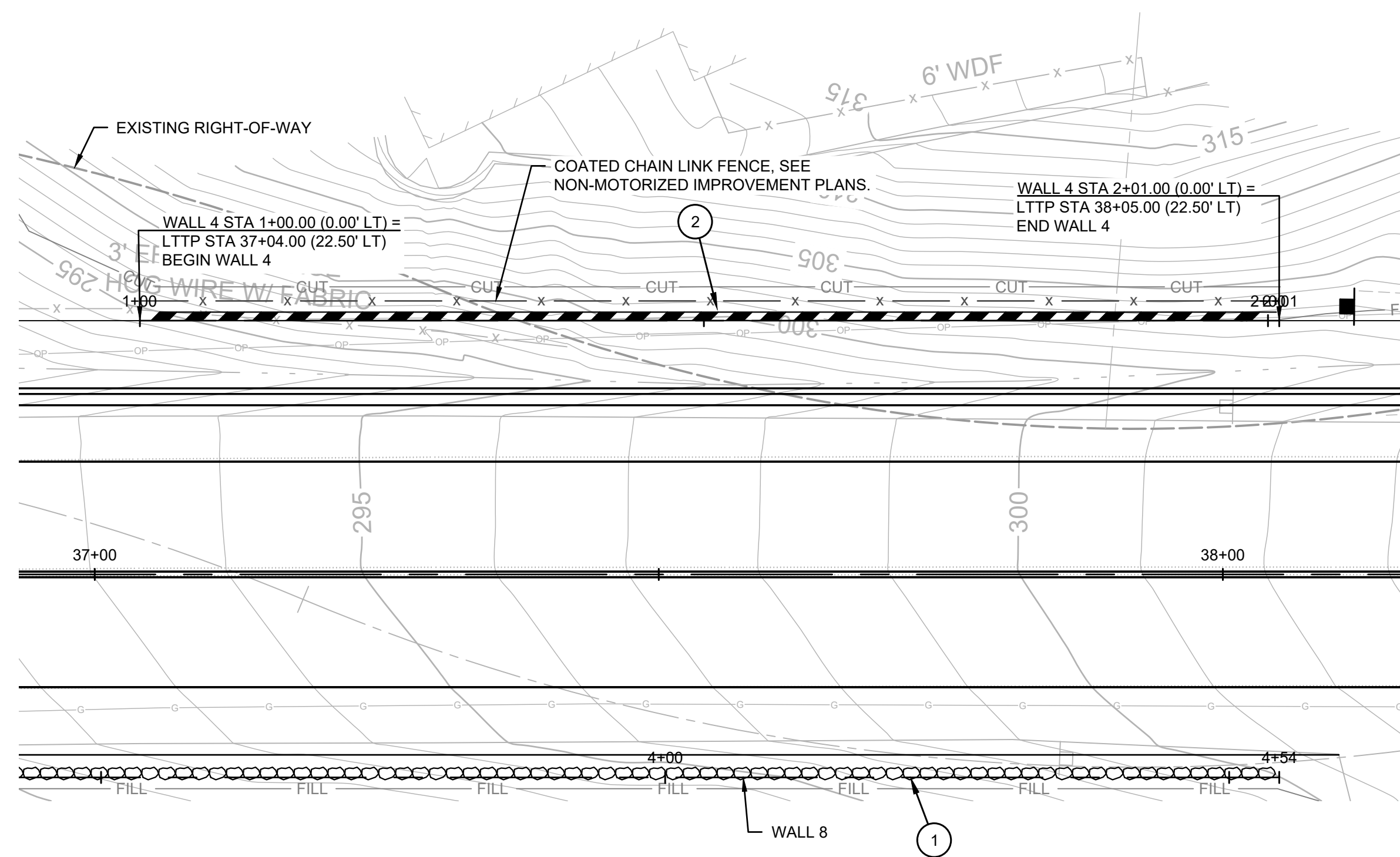


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 WALL PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: 1"=10' V: 1"=10'		
			<b>WL02</b>
			SHEET 87 of 101



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 PLOT TIME: 8/23/2023 2:47 PM  
 USER NAME: LAURA TURNIDGE



**GENERAL NOTES:**

- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

**CONSTRUCTION NOTES:**

- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.
- CONSTRUCT CHAIN LINK FENCE FOR FALL PROTECTION PER ROADWAY SHEETS.

**LEGEND**

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL

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HORIZONTAL SCALE: 1" = 10'

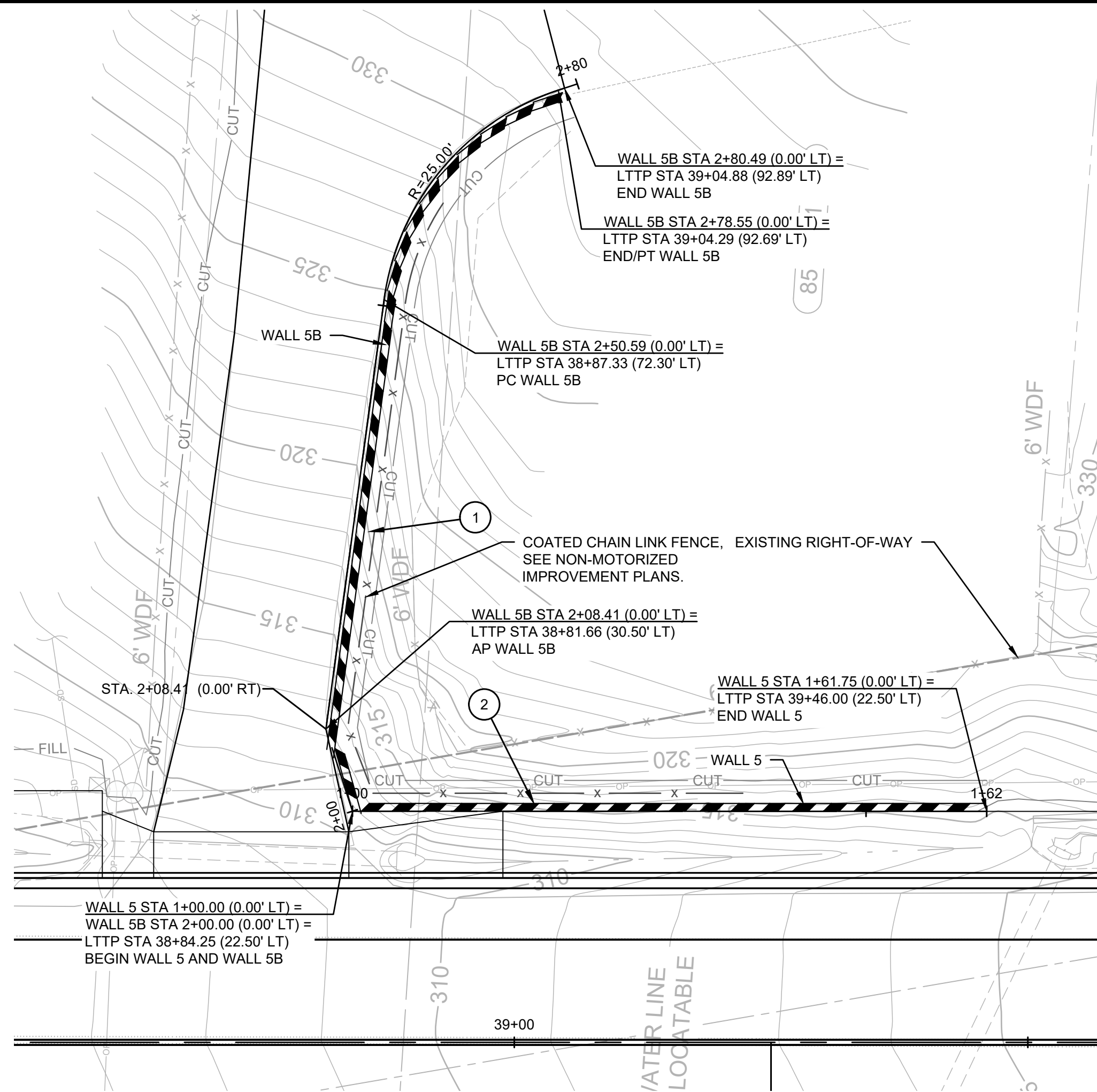
VERTICAL SCALE: 1" = 10'

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 USER NAME: LAURA TURNIDGE



**GENERAL NOTES:**

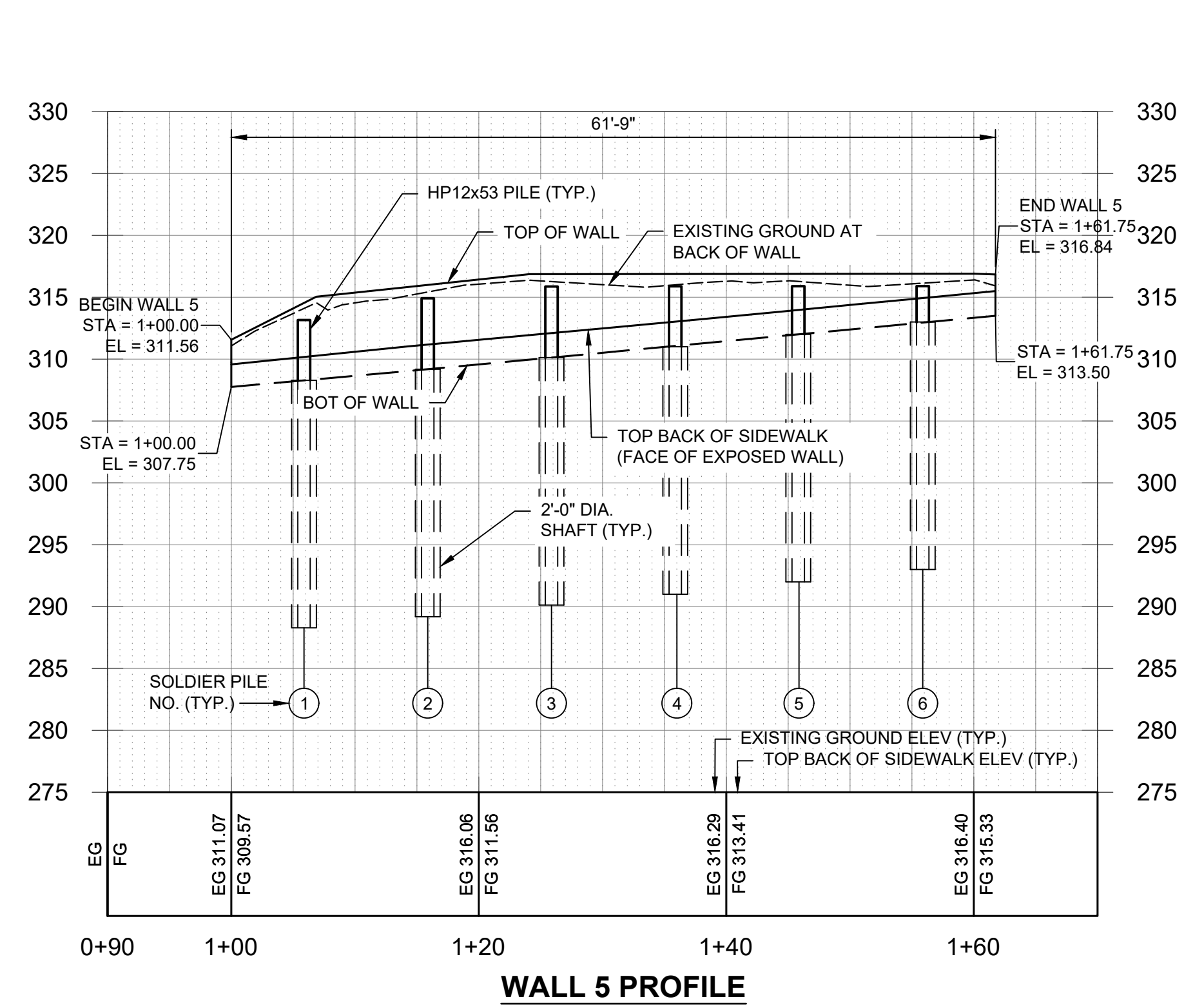
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

**CONSTRUCTION NOTES:**

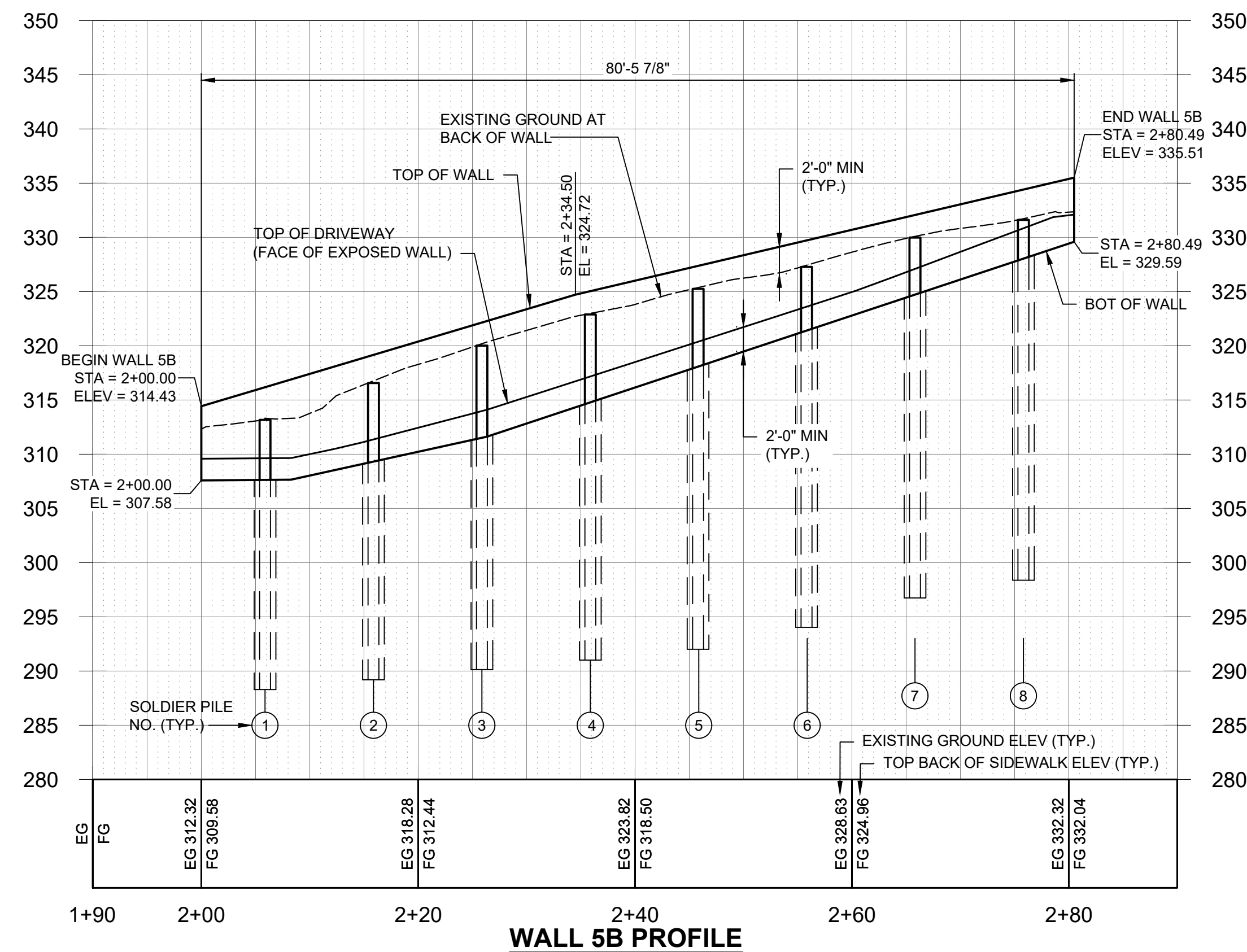
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.
- CONSTRUCT CHAIN LINK FENCE FOR FALL PROTECTION PER ROADWAY SHEETS.

**LEGEND**

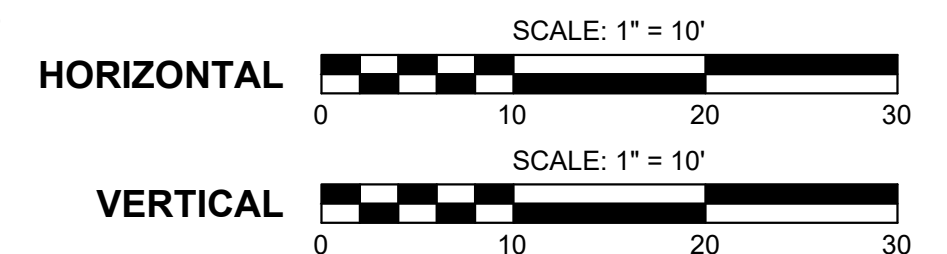
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL



**WALL 5 PROFILE**



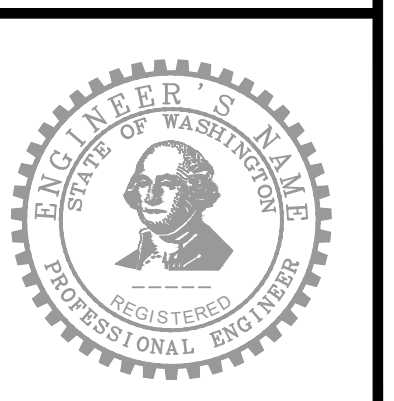
**WALL 5B PROFILE**



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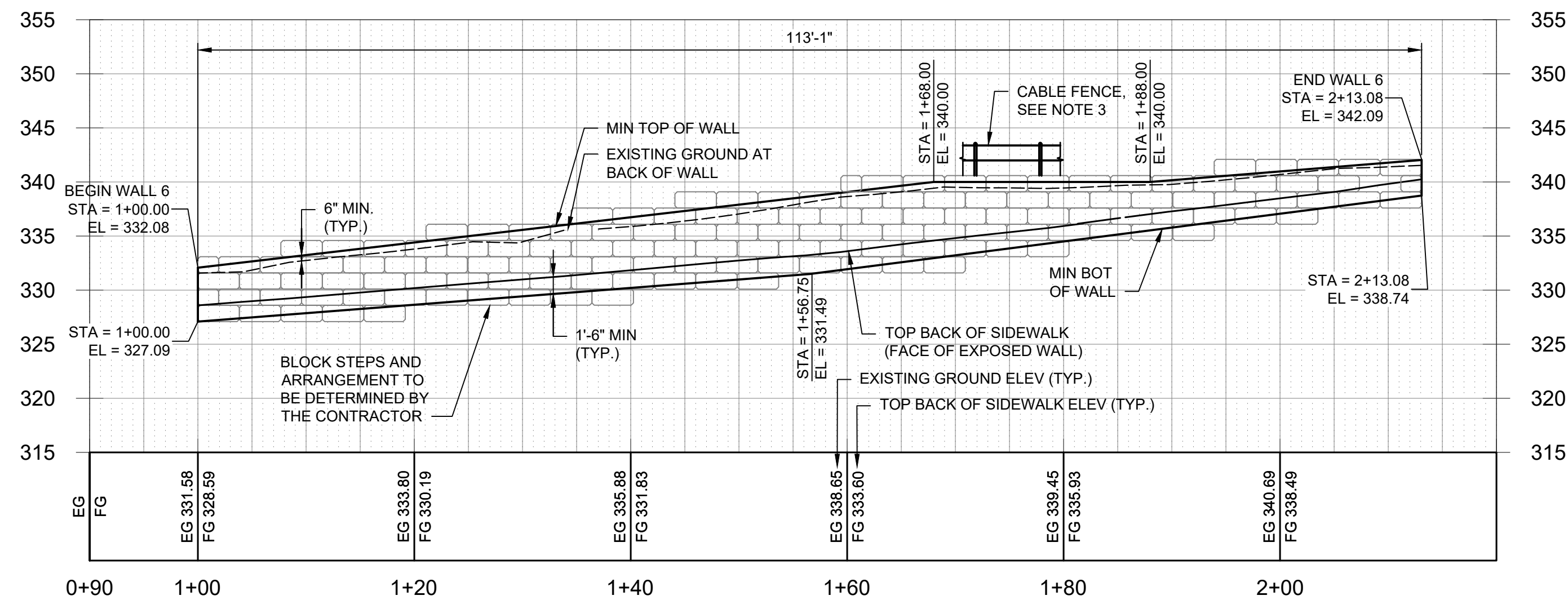
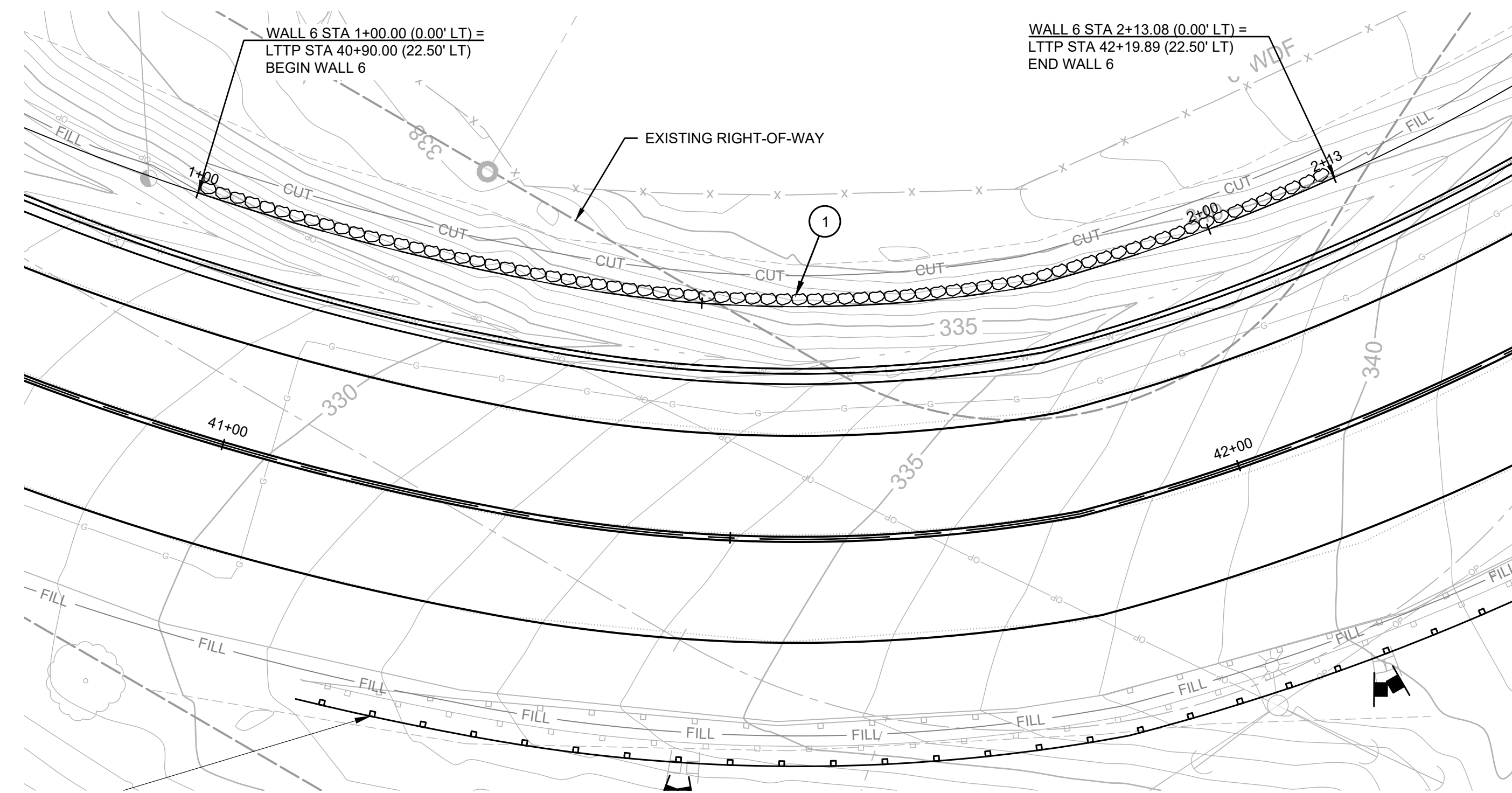


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 WALL PLAN AND PROFILE

JOB# / DWG: 10-210058  
 DATE: 08/25/2023  
 SCALE: H: 1"=10' V: 1"=10'  
**WL04**  
 SHEET 89 of 101



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 PLOT TIME: 8/23/2023 2:47 PM  
 USER NAME: LAURA TURNIDGE



**WALL 6 PROFILE**

**GENERAL NOTES:**

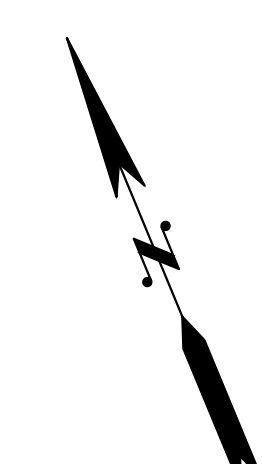
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

**CONSTRUCTION NOTES:**

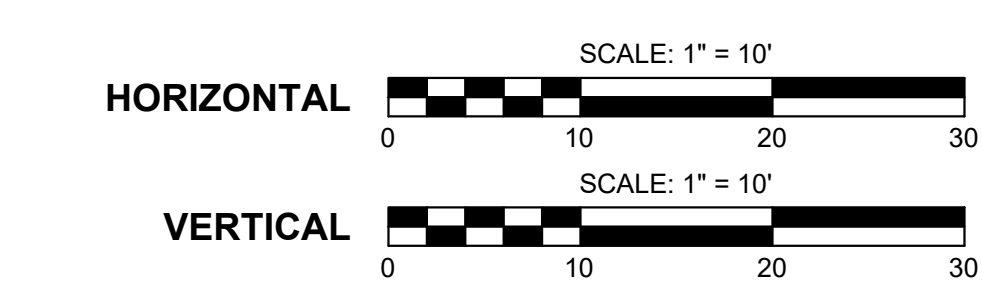
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.
- CONSTRUCT CABLE FENCE FOR FALL PROTECTION PER PER WSDOT STANDARD PLAN L-5.15-00. ATTACHMENT TO GRAVITY BLOCKS SHALL BE AS PER MANUFACTURER'S DESIGN.

**LEGEND**

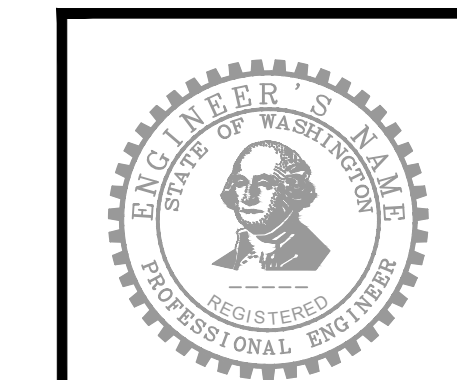
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL



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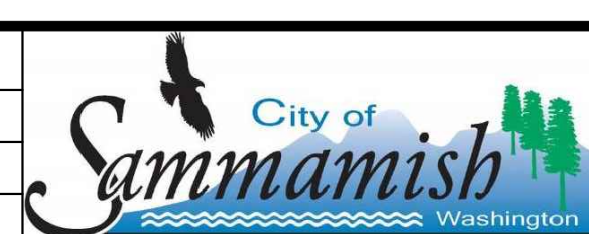


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DRAWN BY DJAL						
CHECKED BY EJF						

NO.	DATE	REVISION	BY

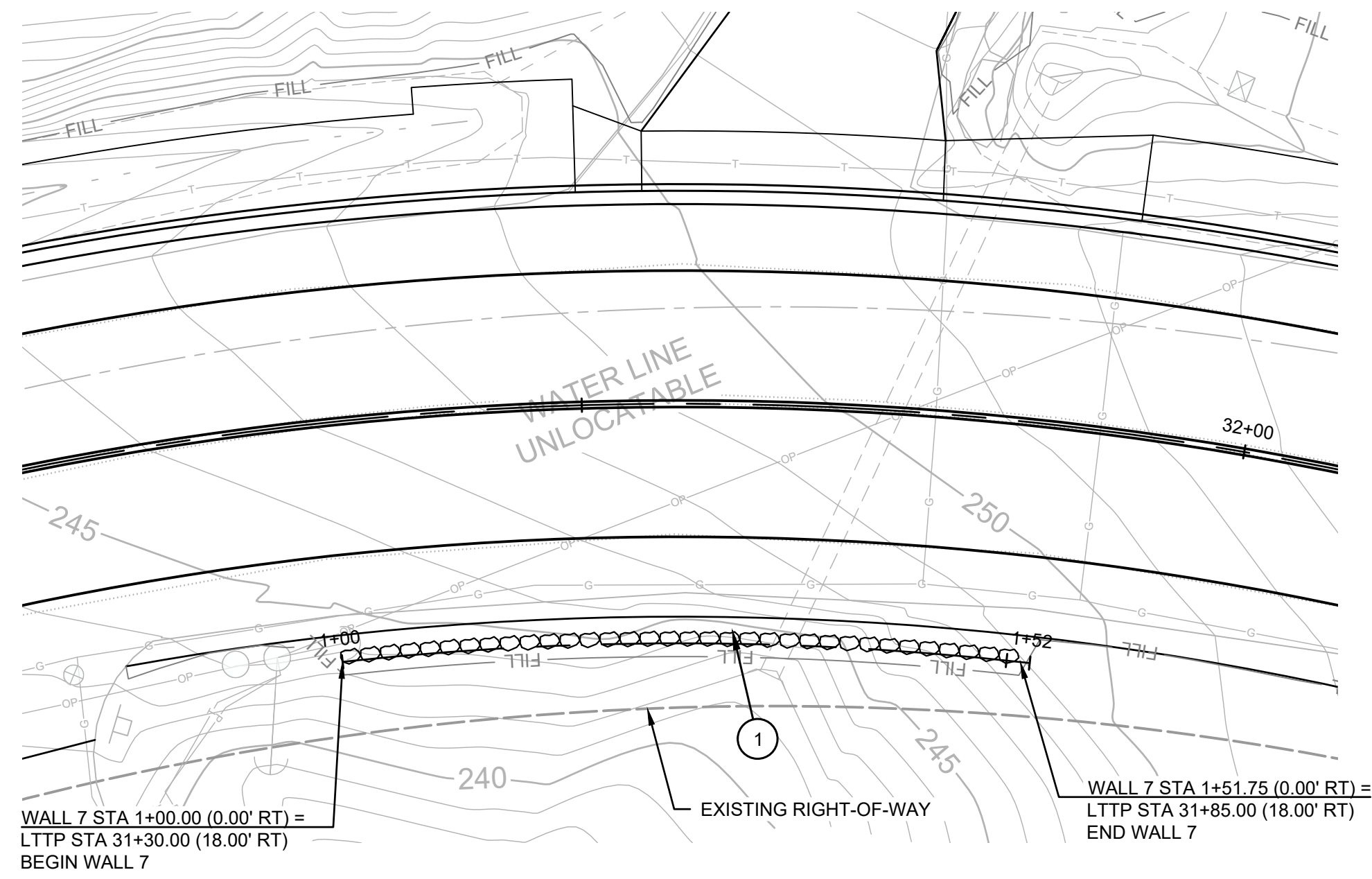


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 WALL PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=10' V: 1"=10'	<b>WL05</b> SHEET 90 of 101



FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P\_10-210058\_WALL.DWG  
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 USER NAME: LAURA TURNIDGE



**GENERAL NOTES:**

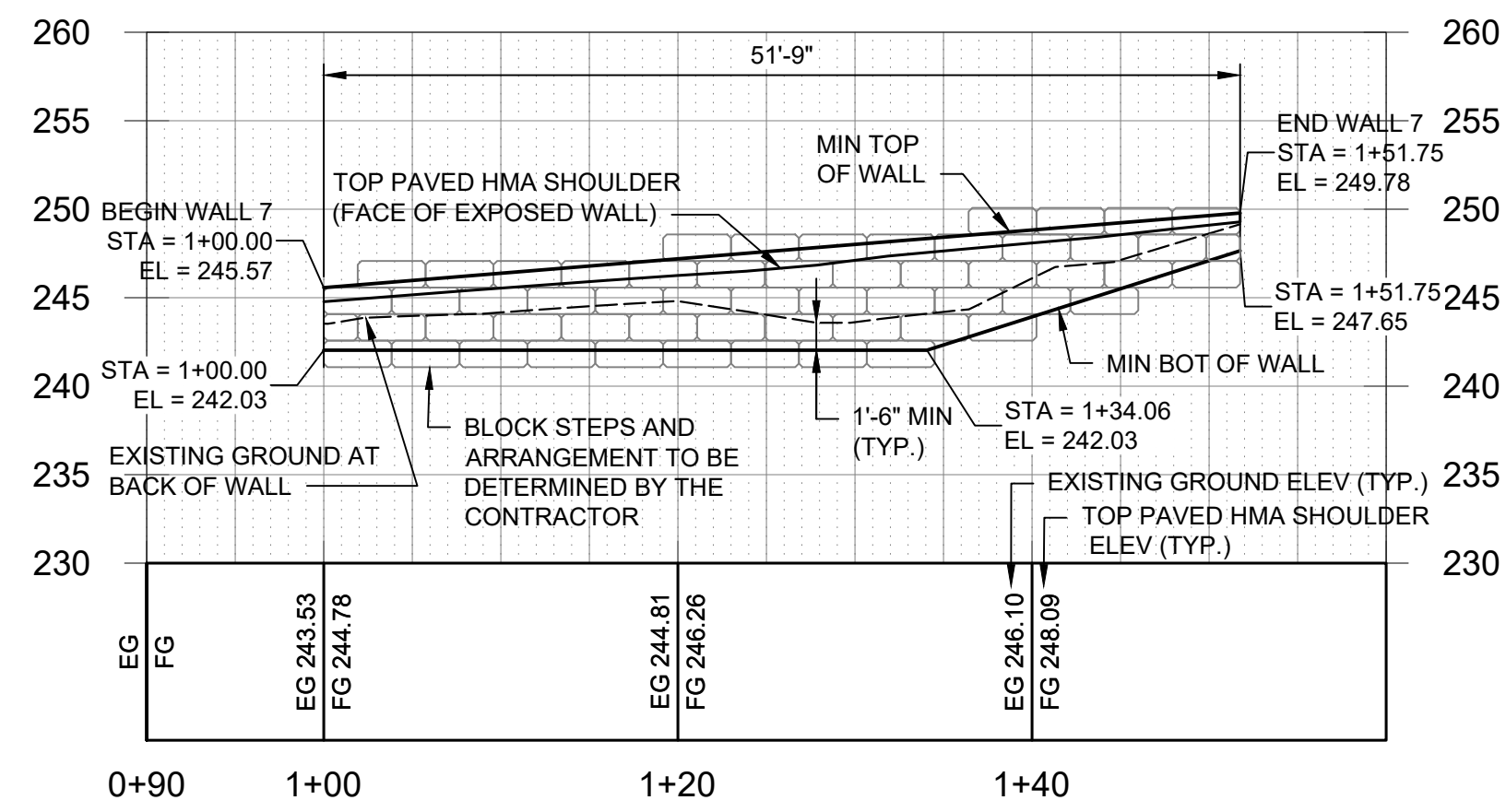
1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

**CONSTRUCTION NOTES:**

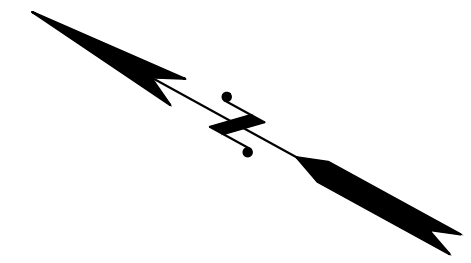
1. CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
2. CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.

**LEGEND**

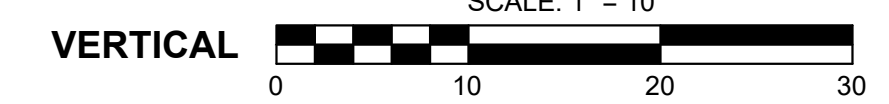
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL



**WALL 7 PROFILE**



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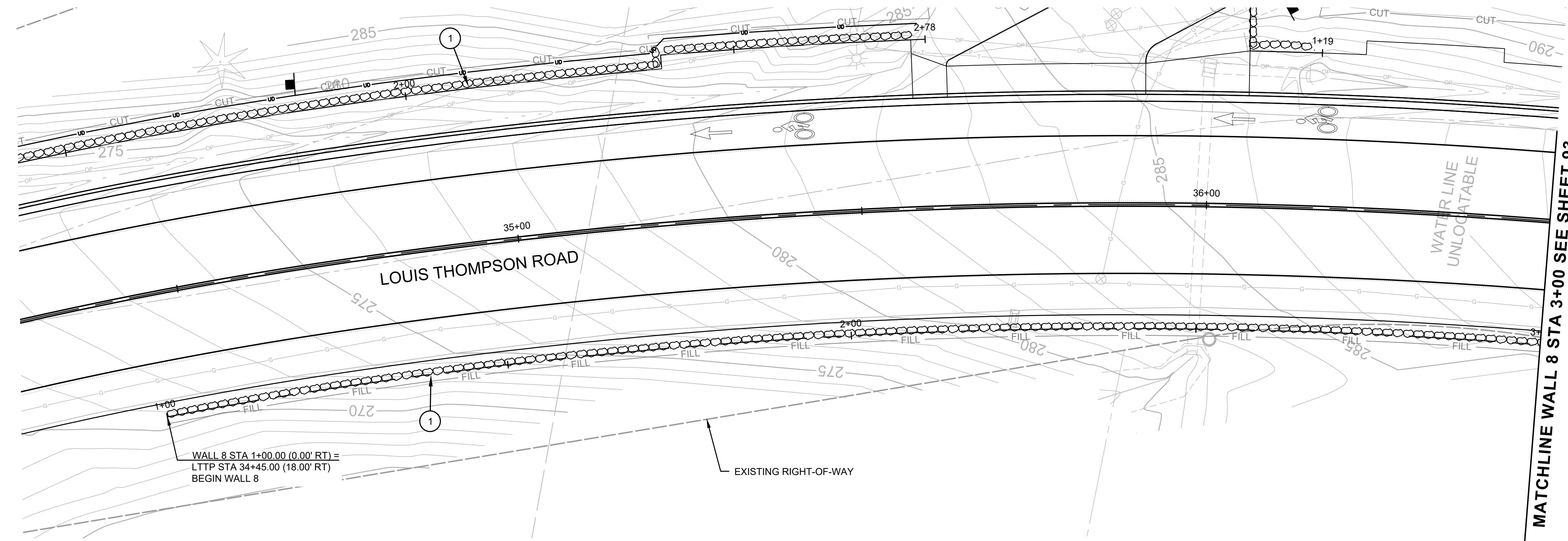
DESIGNED BY CAWO DRAWN BY DJAL CHECKED BY EJF	<b>Osborn Consulting, Inc.</b> Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	<b>DAVID EVANS AND ASSOCIATES, INC.</b>	NO.    DATE    REVISION    BY	City of Sammamish Washington	<b>LOUIS THOMPSON ROAD TIGHTLINE PROJECT</b> CITY OF SAMMAMISH WALL PLAN AND PROFILE	JOB# / DWG 10-210058 SCALE H: 1"=10'    V: 1"=10'	DATE 08/25/2023 <b>WL06</b> SHEET 91 of 101
--	---	---	-------------------------------	---------------------------------	--	--	--



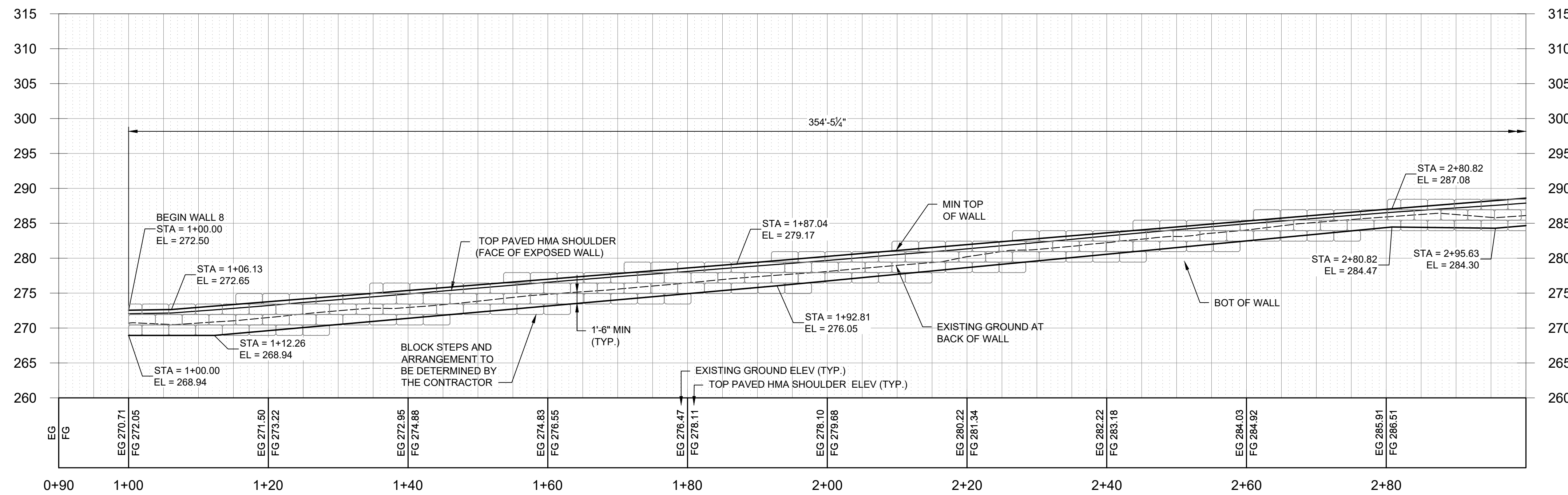
- GENERAL NOTES:**
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
  - SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

- CONSTRUCTION NOTES:**
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
  - CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.

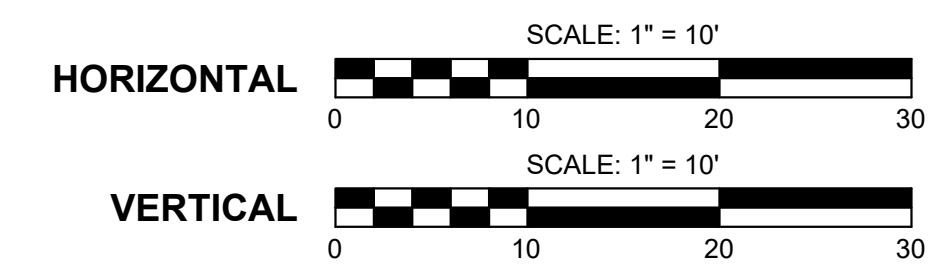
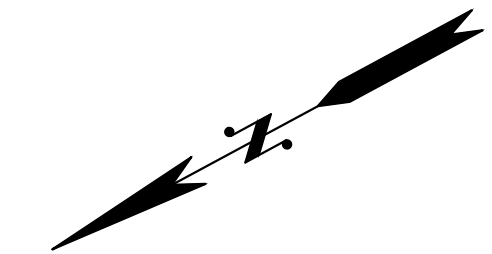
- LEGEND**
- SOLDIER PILE RETAINING WALL
  - GRAVITY BLOCK RETAINING WALL



MATCHLINE WALL 8 STA 3+00 SEE SHEET 93



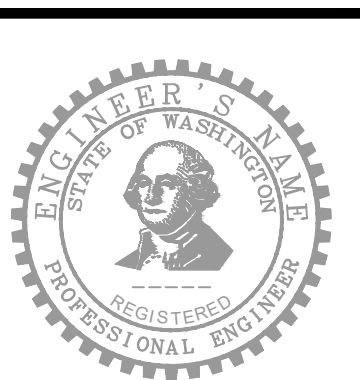
**WALL 8 PROFILE**



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FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P\_10-210058\_WALL.DWG  
PLOT TIME: 8/23/2023 2:47 PM  
USER NAME: LAURA TURNIDGE

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CHECKED BY EJF							

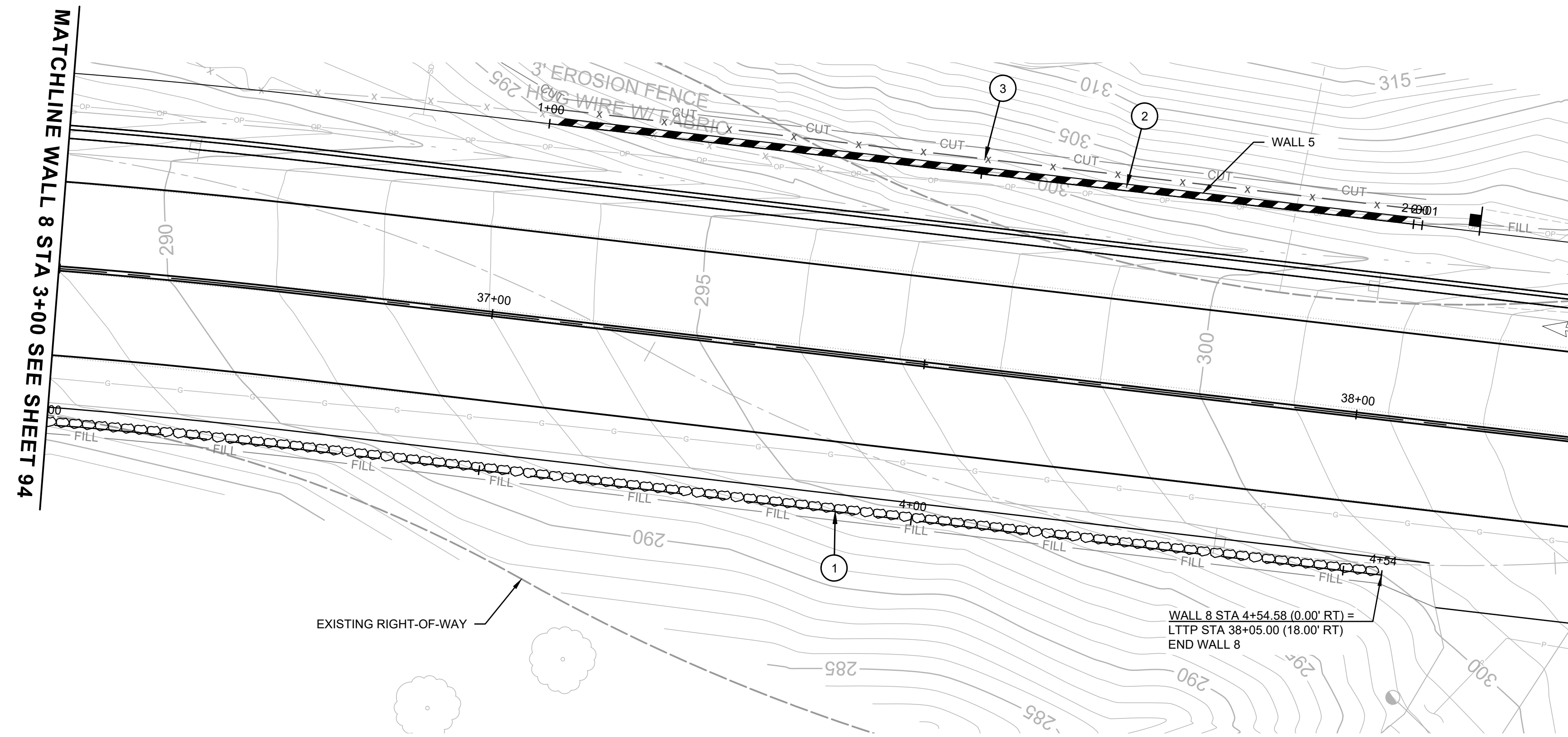


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
CITY OF SAMMAMISH  
WALL PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=10' V: 1"=10'	<b>WL07</b> SHEET 92 of 101



FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P\_10-210058\_WALL.DWG  
 PLOT TIME: 8/23/2023 2:47 PM  
 USER NAME: LAURA TURNIDGE



**GENERAL NOTES:**

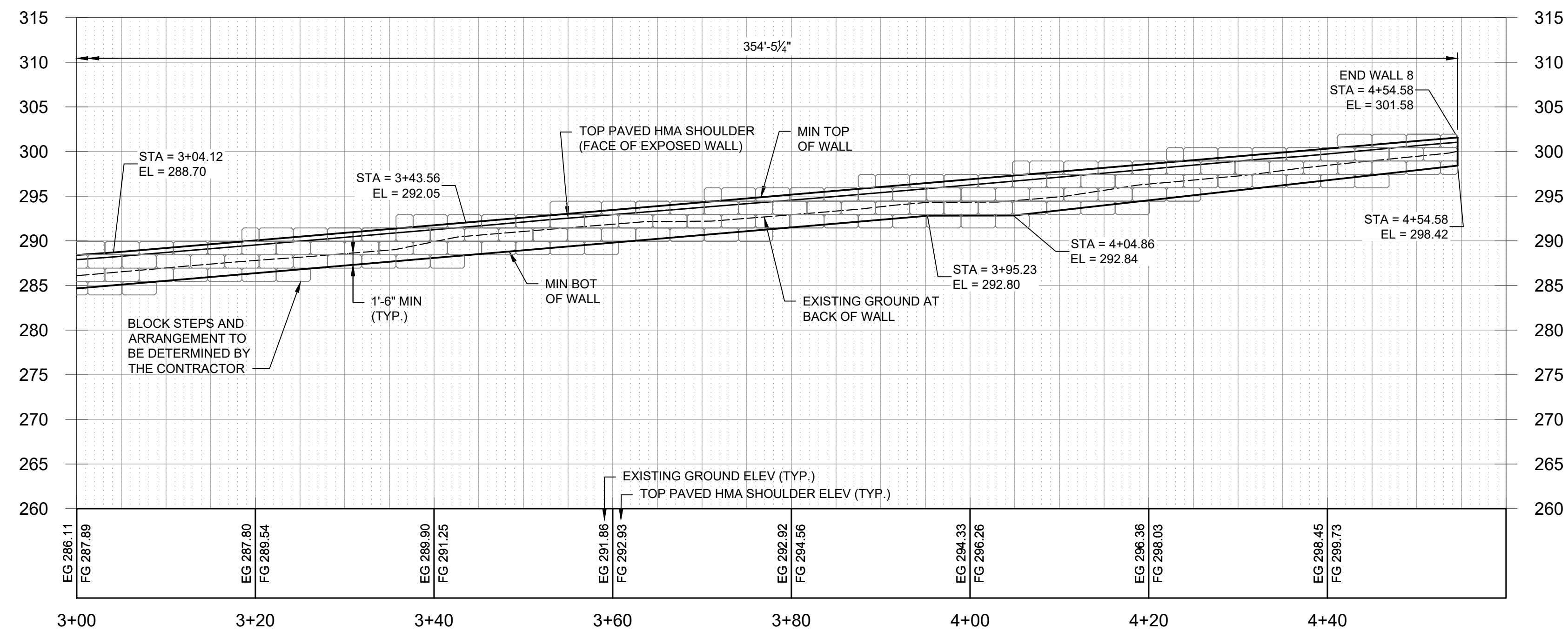
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

**CONSTRUCTION NOTES:**

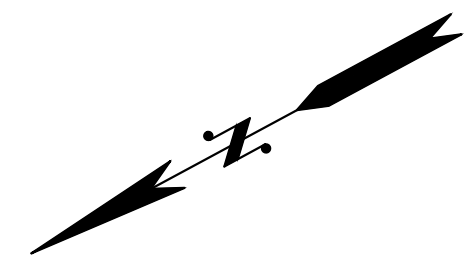
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.

**LEGEND**

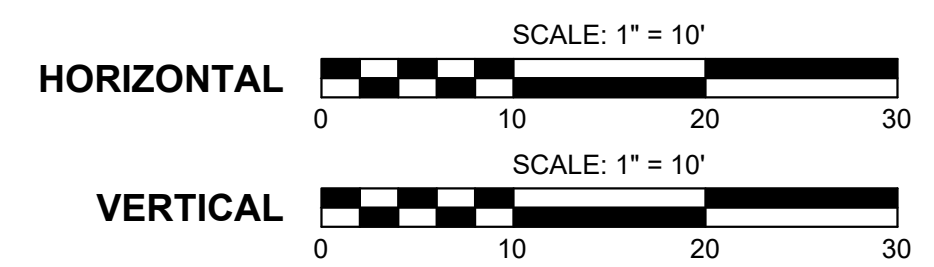
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL



**WALL 8 PROFILE**



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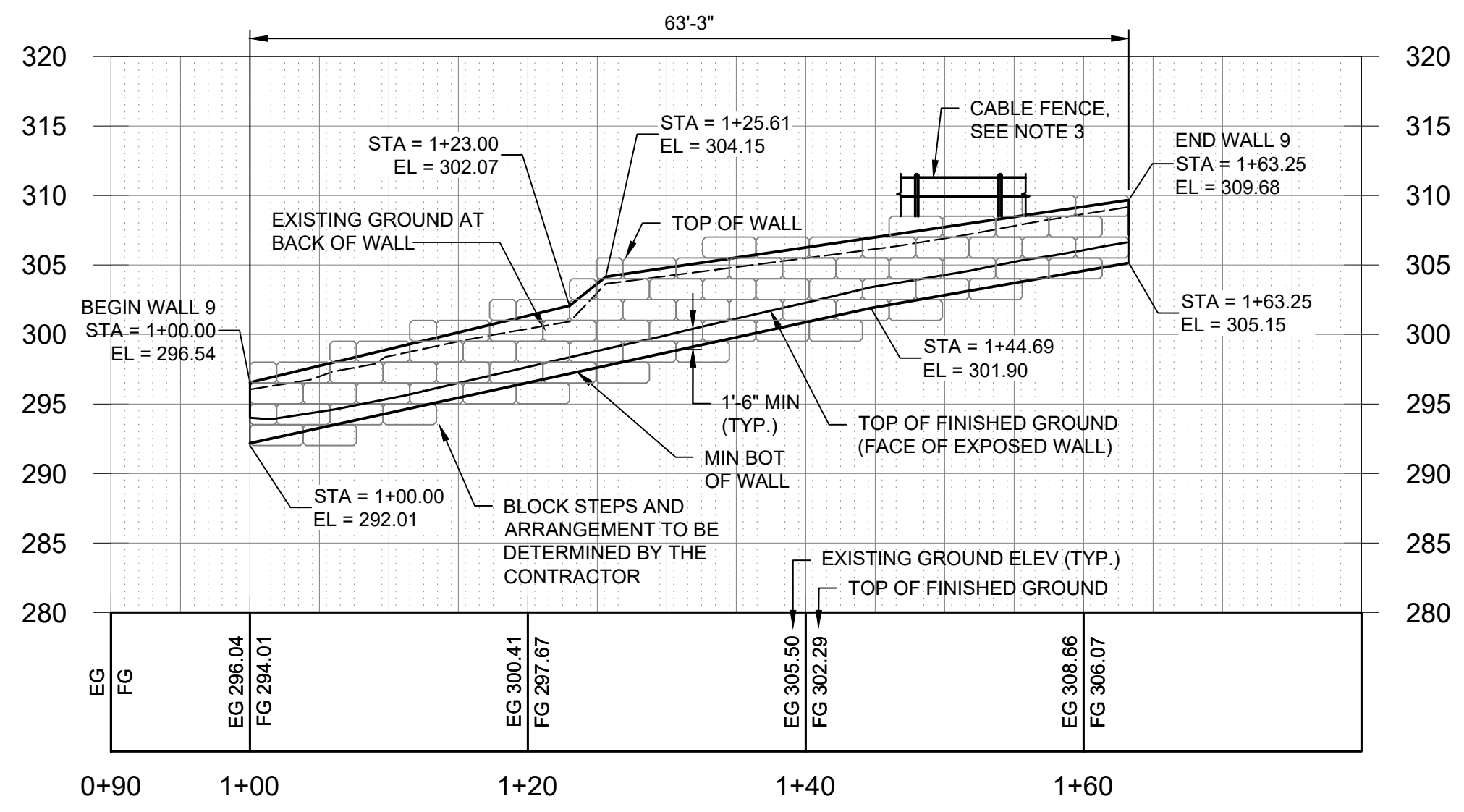
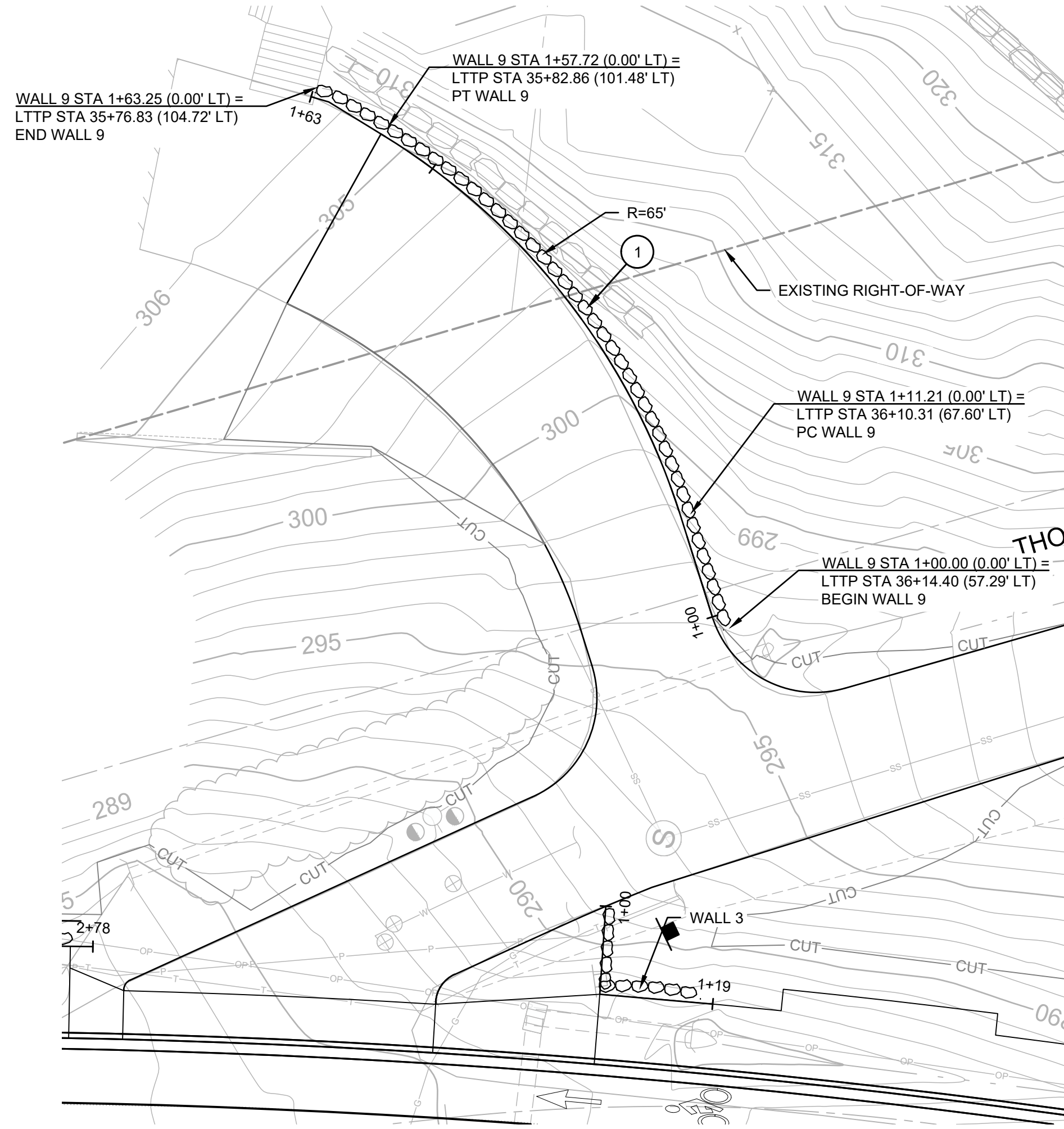


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 WALL PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=10' V: 1"=10'	<b>WL08</b> SHEET 93 of 101



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 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNIDGE



**WALL 9 PROFILE (24 THOMPSON HILL RD SE)**

**GENERAL NOTES:**

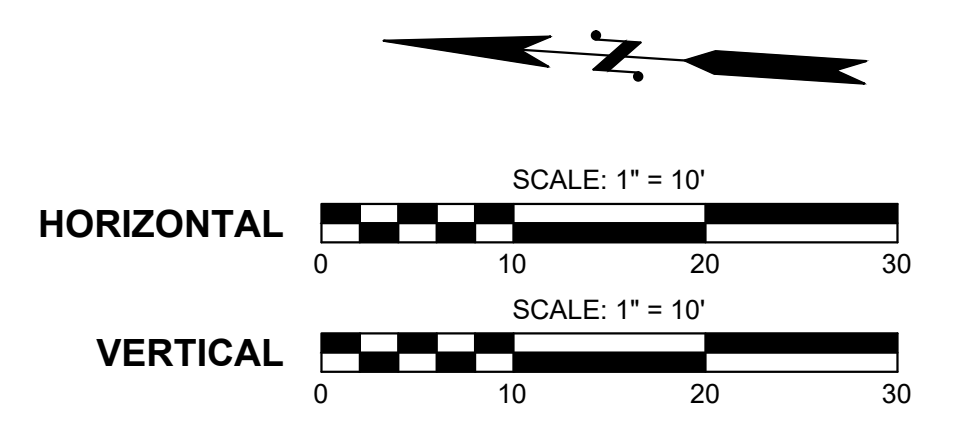
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

**CONSTRUCTION NOTES:**

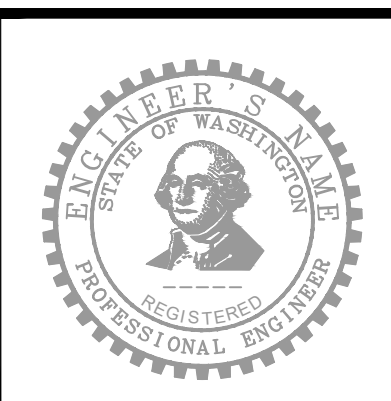
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.
- CONSTRUCT CABLE FENCE FOR FALL PROTECTION PER PER WSDOT STANDARD PLAN L-5-15-00. ATTACHMENT TO GRAVITY BLOCKS SHALL BE AS PER MANUFACTURER'S DESIGN.

**LEGEND**

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL



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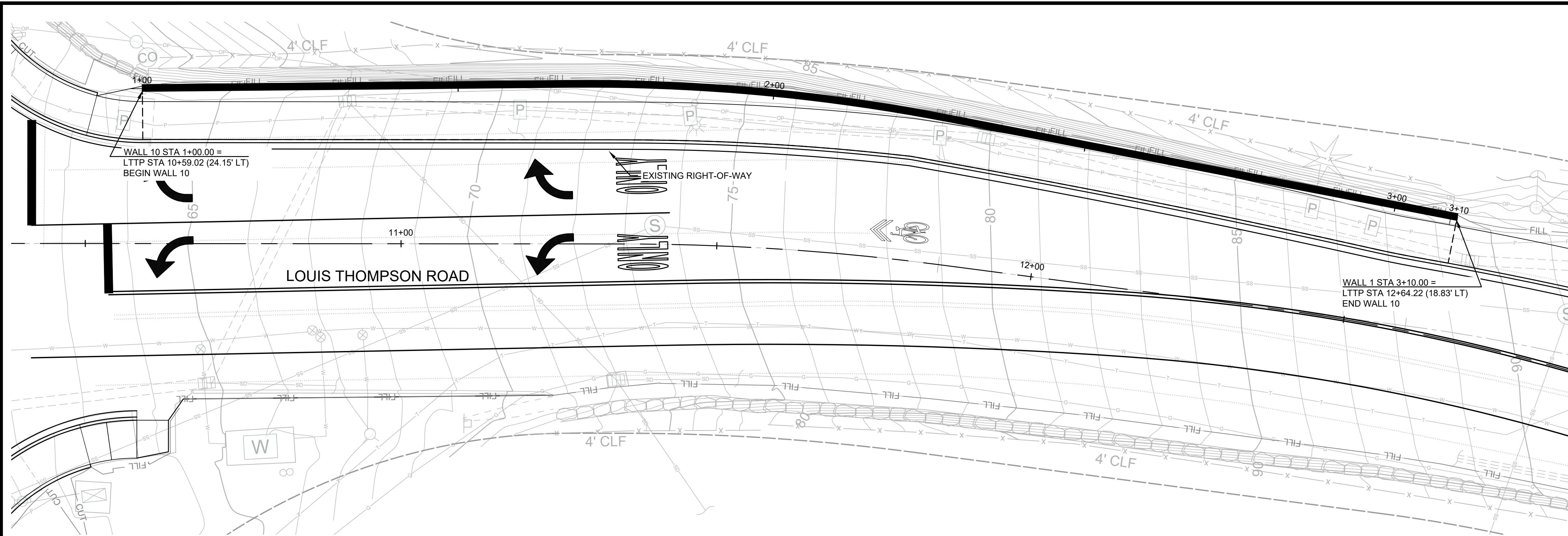


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										SCALE H: 1"=10' V: 1"=10'	WALL PLAN AND PROFILE



FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P\_10-210058\_WALL.DWG  
 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNIDGE



**GENERAL NOTES:**

- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 44 FOR TYPICAL ROADWAY SECTIONS.

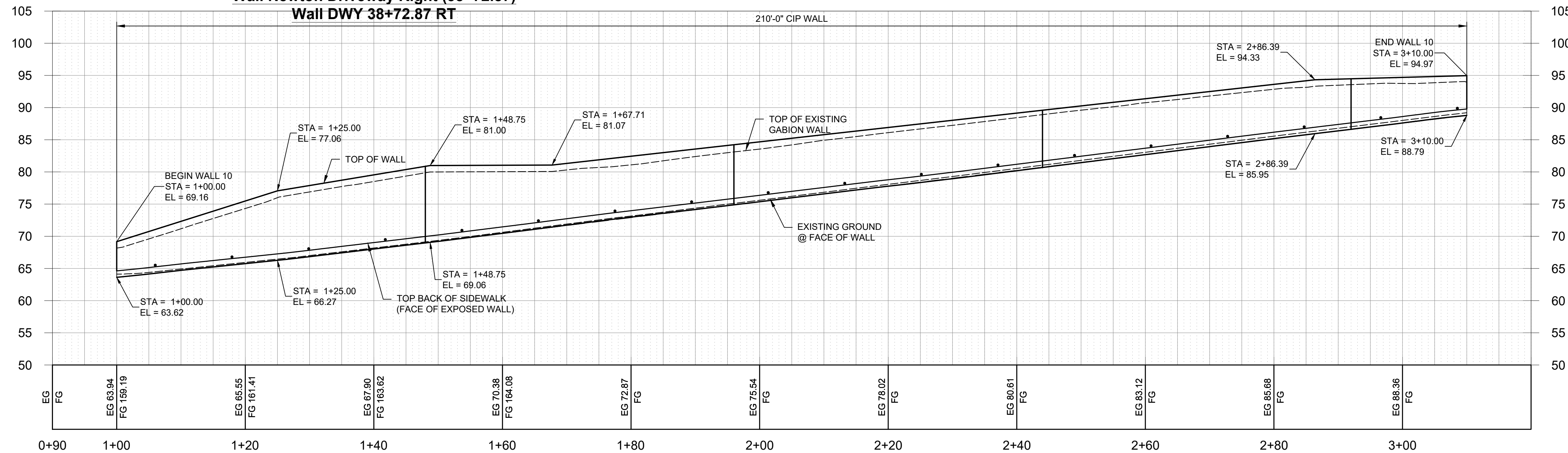
**CONSTRUCTION NOTES:**

- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 100.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 98.

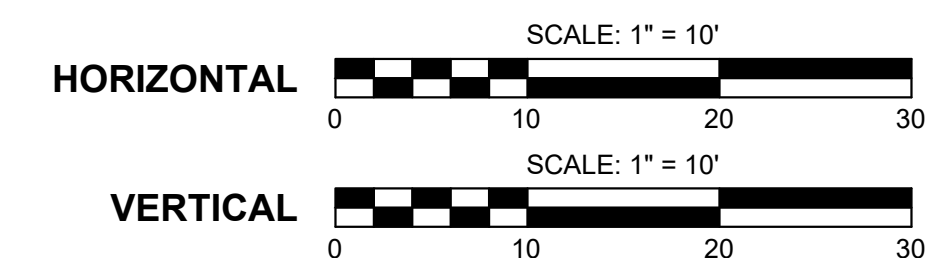
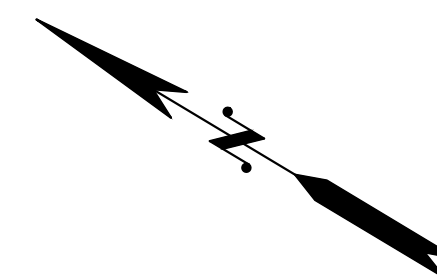
**LEGEND**

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL

**Wall Newton Driveway Right (38+72.87)  
 Wall DWY 38+72.87 RT**



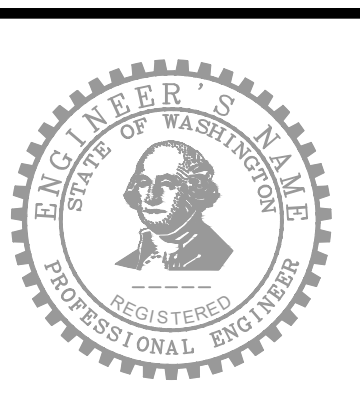
**WALL 10 PROFILE**



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**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 WALL PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: 1"=10' V: 1"=10'	<b>WL10</b> SHEET 95 of 101



**GENERAL NOTES:**

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROADS, BRIDGE, AND MUNICIPAL CONSTRUCTION", ENGLISH UNITS, DATED 2023.
2. NO VEHICULAR OR CONSTRUCTION TRAFFIC OR CONSTRUCTION SURCHARGE LOADS WILL BE ALLOWED WITHIN A DISTANCE OF 5 FEET FROM THE TOP OF THE CUT ON BACKSIDE OF WALL.
3. EXPOSED SOIL ALONG THE SLOPE SHALL BE PROTECTED FROM SURFACE EROSION.
4. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED SO THAT THE LENGTH OF TIME THE TEMPORARY CUT IS LEFT OPEN IS REDUCED TO THE EXTENT PRACTICAL.
5. SURFACE WATER SHALL BE DIVERTED AWAY FROM THE EXCAVATION.
6. A QUALIFIED GEOTECHNICAL ENGINEER MUST INSPECT AND APPROVE THE BACKFILL FOR WALL, AND LEVELING PAD SUBGRADE TO ENSURE ADEQUATE BEARING CAPACITY. SUBGRADE SOIL AREAS NOT MEETING THE REQUIRED BEARING STRENGTH SHALL BE REMOVED PER STANDARD SPECIFICATIONS.

**REINFORCING STEEL NOTES:**

1. UNLESS OTHERWISE SHOWN IN PLANS, MINIMUM CAST-IN-PLACE CONCRETE COVER OVER REINFORCING STEEL SHALL BE AS FOLLOWING:  
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED EARTH : 3"  
 - CONCRETE EXPOSED TO EARTH OR WEATHER : 2"  
 - OTHERS : 1½"

**CONCRETE NOTES:**

1. ALL CONCRETE SHALL BE CLASS 4000, UNLESS NOTED OTHERWISE.
2. ALL EXPOSED CORNERS SHALL HAVE ¼-INCH CHAMFERS, UNLESS NOTED OTHERWISE.
3. CONCRETE SHALL BE PLACED SEPARATELY BETWEEN EXPANSION JOINTS WITH A MINIMUM 24-HOUR PERIOD BEFORE PLACING IN ADJACENT SECTION.
4. GABION FASCIA SHALL BE CONSTRUCTED ACCORDING TO SECTION 6-11 OF THE STANDARD SPECIFICATIONS.

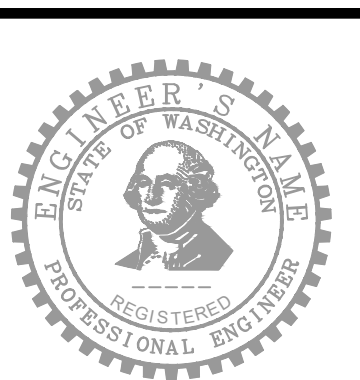
**FINISH NOTES:**

1. ALL GRAVITY BLOCK WALLS SHALL BE "LEDGESTONE" FINISH BY REDI-ROCK.
2. CAST-IN-PLACE CONCRETE FASCIA SHALL BE FINISHED WITH "ASHLAR STONE" AS PER WSDOT STANDARD SPECIFICATIONS.

FILE NAME: C:\PW\_OCI\_WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\_OSBORNCONSULTING-PW-01\LAURA TURNIDGE\DWG\10-210058\_WALL DETAILS.DWG  
 PLOT TIME: 8/23/2023 2:48 PM  
 USER NAME: LAURA TURNIDGE



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DRAWN BY DJAL			SCALE H: N/A V: N/A	WDO1						
CHECKED BY EJF			SHEET 96 of 101							



FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\DWG\10-210058\_WALL DETAILS.DWG  
 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNIDGE

WALL 4 PILE SCHEDULE					
PILE NO.	PILE SIZE	DESIGN STA.	WALL STA.	SHAFT DIAMETER	EMBEDMENT DEPTH
1	HP12 x 53	37+09	1+05	2'-6"	10'-0"
2	HP12 x 53	37+19	1+15	2'-6"	10'-0"
3	HP12 x 53	37+29	1+25	2'-6"	10'-0"
4	HP12 x 53	37+39	1+35	2'-6"	10'-0"
5	HP12 x 53	37+49	1+45	2'-6"	10'-0"
6	HP12 x 53	37+59	1+55	2'-6"	10'-0"
7	HP12 x 53	37+69	1+65	2'-6"	10'-0"
8	HP12 x 53	37+79	1+75	2'-6"	10'-0"
9	HP12 x 53	37+89	1+85	2'-6"	10'-0"
10	HP12 x 53	37+99	1+95	2'-6"	10'-0"

WALL 5 PILE SCHEDULE					
PILE NO.	PILE SIZE	DESIGN STA.	WALL STA.	SHAFT DIAMETER	EMBEDMENT DEPTH
1	HP12 x 53	38+89	1+05	2'-0"	10'-0"
2	HP12 x 53	38+99	1+15	2'-0"	10'-0"
3	HP12 x 53	39+09	1+25	2'-0"	10'-0"
4	HP12 x 53	39+19	1+35	2'-0"	10'-0"
5	HP12 x 53	39+29	1+45	2'-0"	10'-0"
6	HP12 x 53	39+39	1+55	2'-0"	10'-0"

WALL 5B PILE SCHEDULE					
PILE NO.	PILE SIZE	DESIGN STA.	WALL STA.	SHAFT DIAMETER	EMBEDMENT DEPTH
1	HP12 x 53	-	2+05	2'-0"	10'-0"
2	HP12 x 53	-	2+15	2'-0"	10'-0"
3	HP12 x 53	-	2+25	2'-0"	10'-0"
4	HP12 x 53	-	2+35	2'-0"	10'-0"
5	HP12 x 53	-	2+45	2'-0"	10'-0"
6	HP12 x 53	-	2+55	2'-0"	10'-0"



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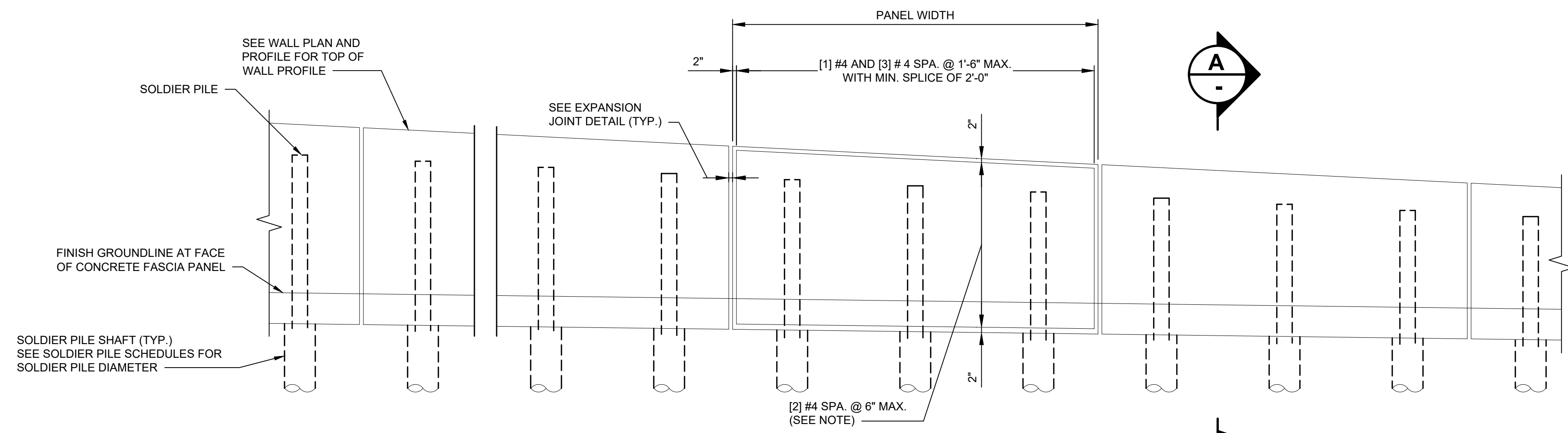


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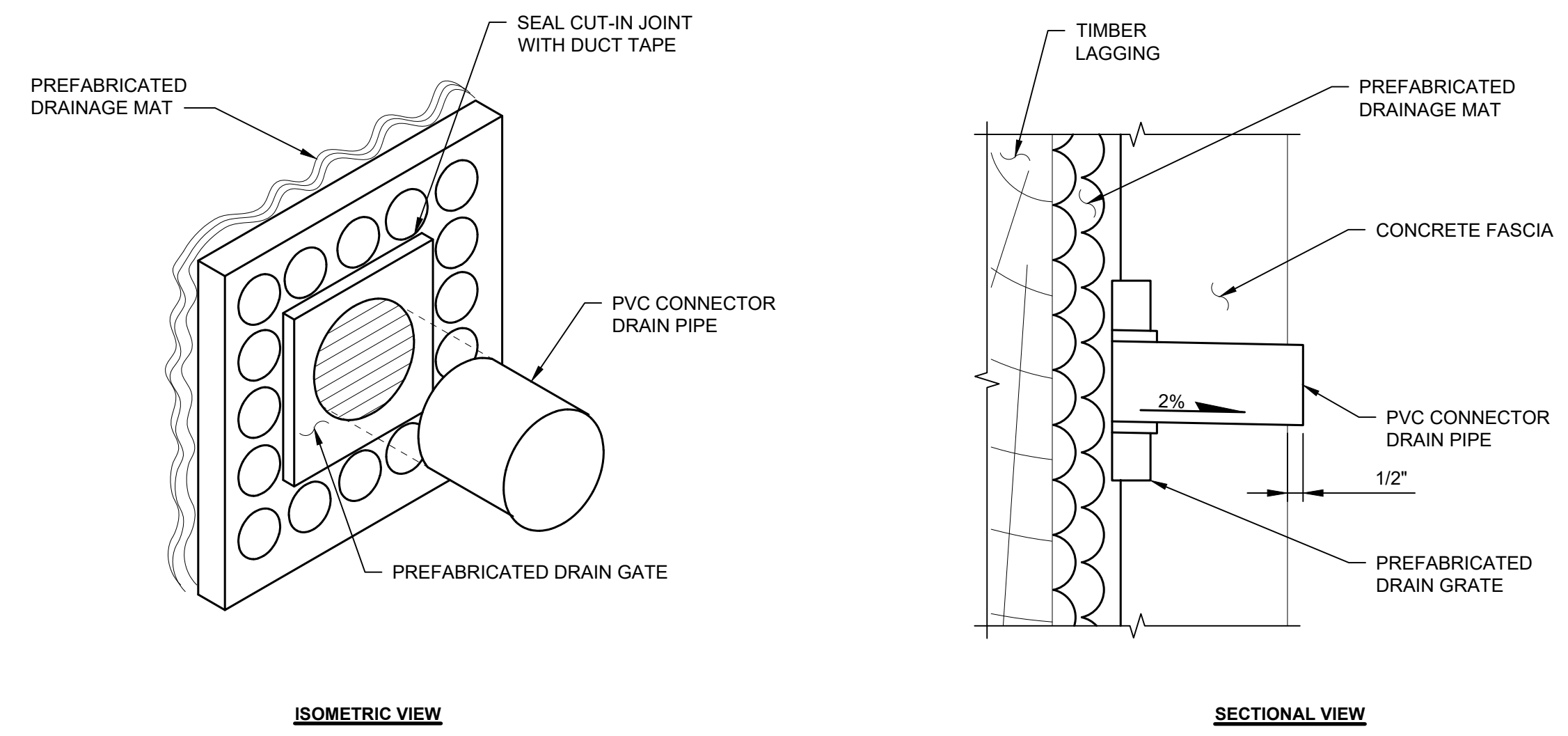
DESIGNED BY CAWO	 Osborn Consulting, Inc. Bellevue   Seattle   Spokane   Bellingham www.osbornconsulting.com	 DAVID EVANS AND ASSOCIATES INC.	NO.	DATE	REVISION	BY	 City of Sammamish Washington	LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH SOLDIER PILE SCHEDULE	JOB# / DWG 10-210058	DATE 08/25/2023
DRAWN BY DJAL			SCALE H: N/A V: N/A	WD02						
CHECKED BY EJF				SHEET 97 of 101						



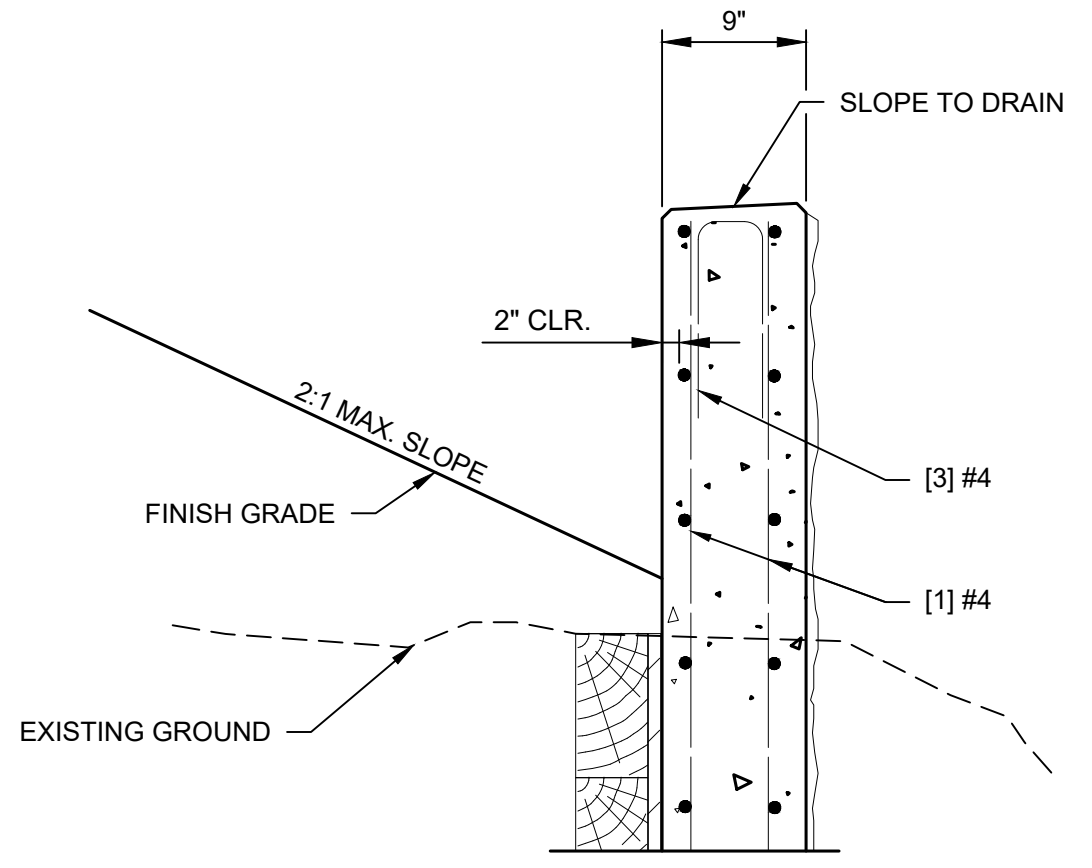
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 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNIDGE



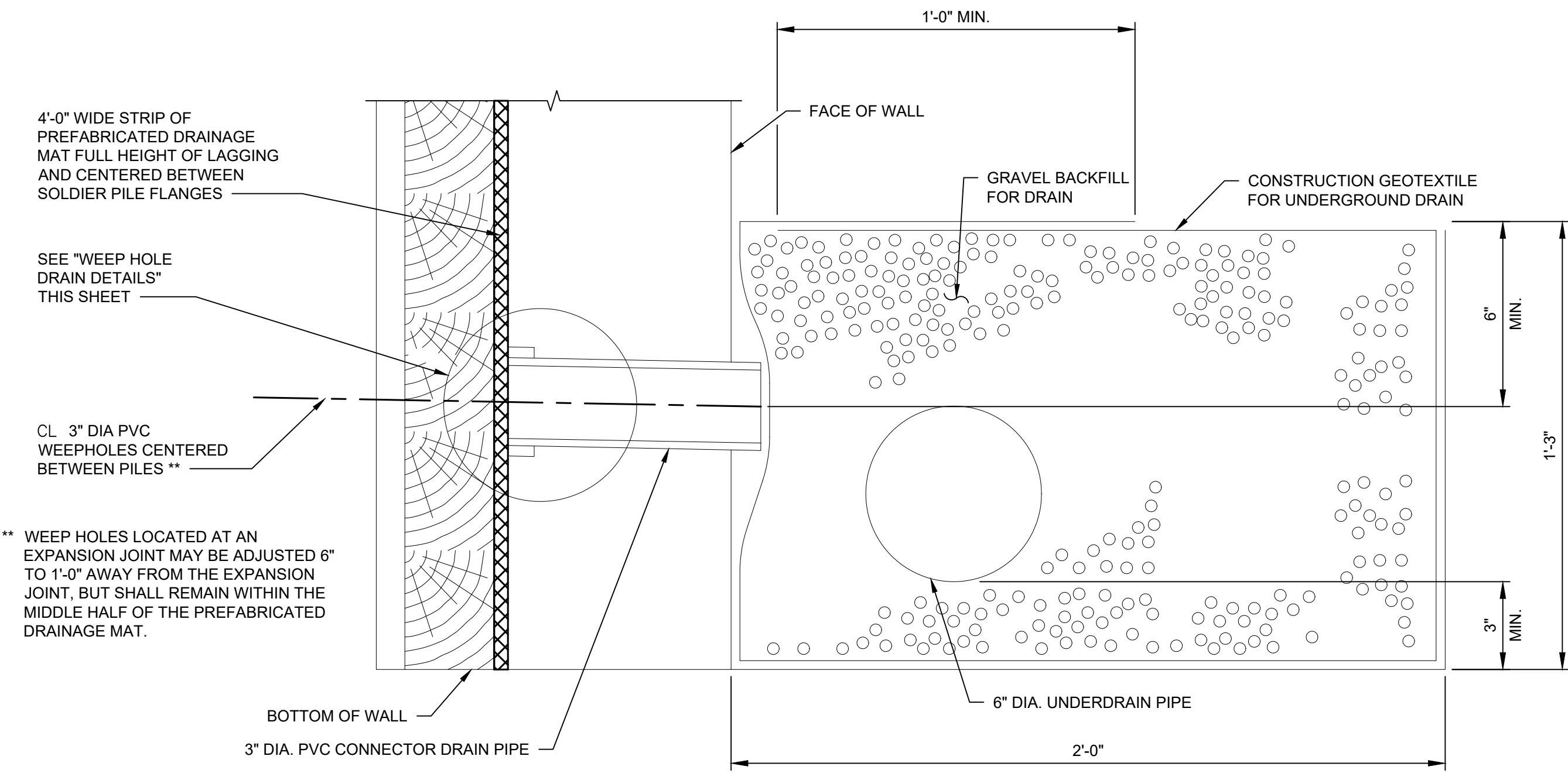
**1 PARTIAL WALL ELEVATION**



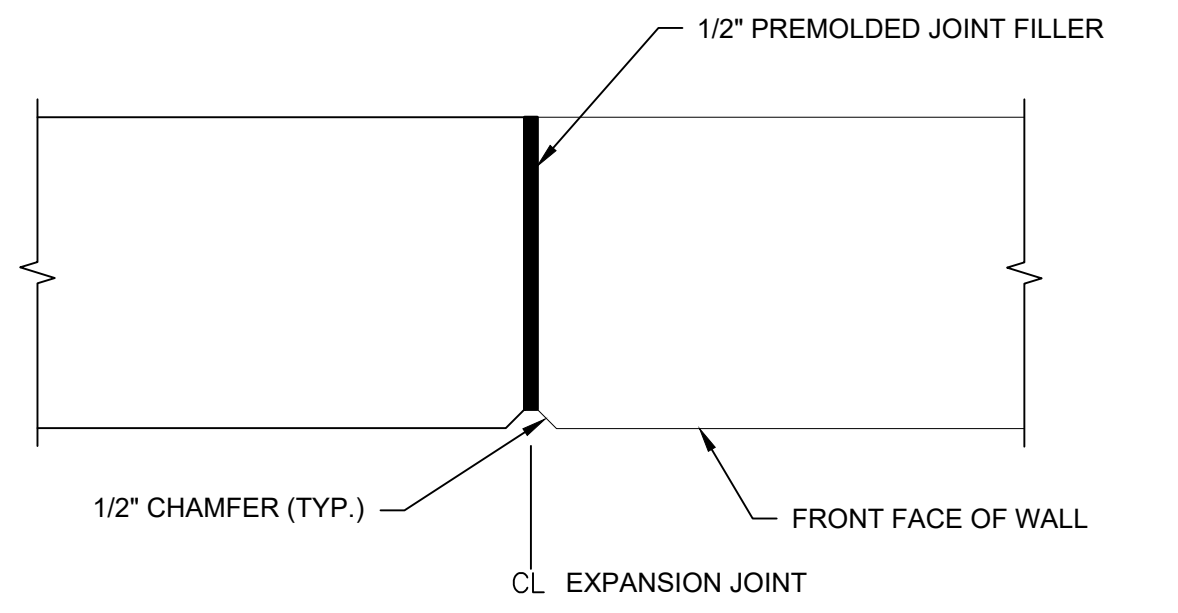
**3 WEEP HOLE DRAINAGE DETAILS**  
 DRAIN GRATE INSTALLATION SHALL NOT DISRUPT PREFABRICATED DRAINAGE MAT



**A SECTION**



**2 DETAIL**



**4 EXPANSION JOINT DETAIL**



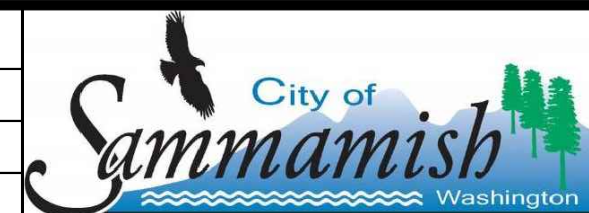
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 NO. DATE REVISION BY

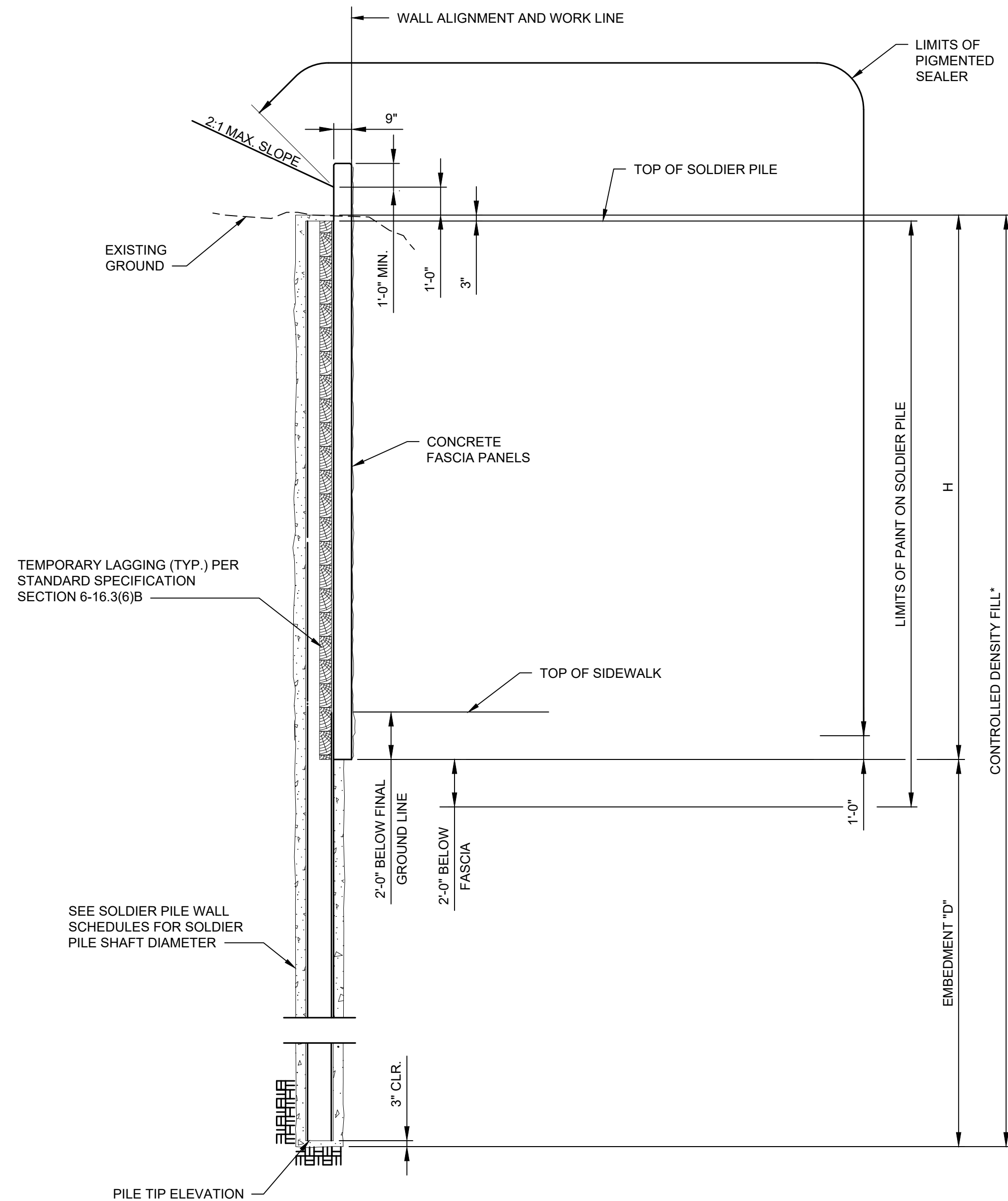


**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**SOLDIER PILE WALL DETAILS**

JOB# / DWG 10-210058  
 DATE 08/25/2023  
 SCALE H: N/A V: N/A  
**WD03**  
 SHEET 98 of 101



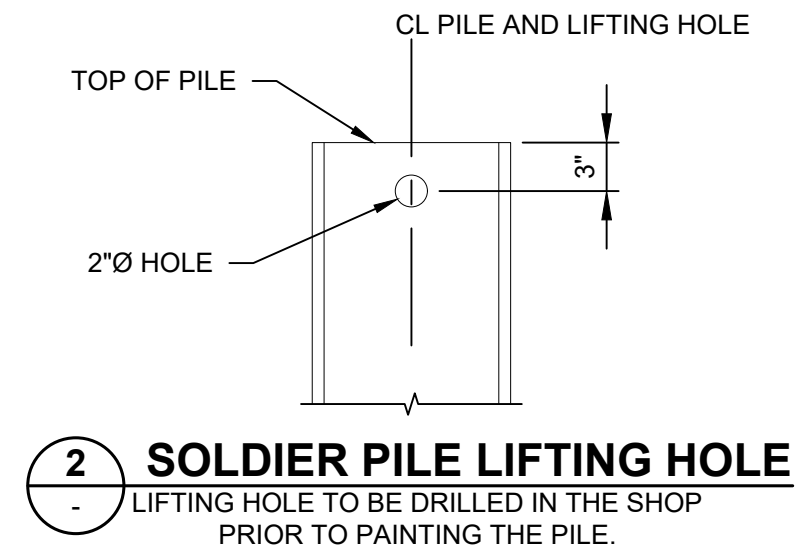
FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\MS265661P\_10-210058\_WALL DETAILS.DWG  
 PLOT TIME: 8/23/2023 2:46 PM  
 USER NAME: LAURA TURNDIGE



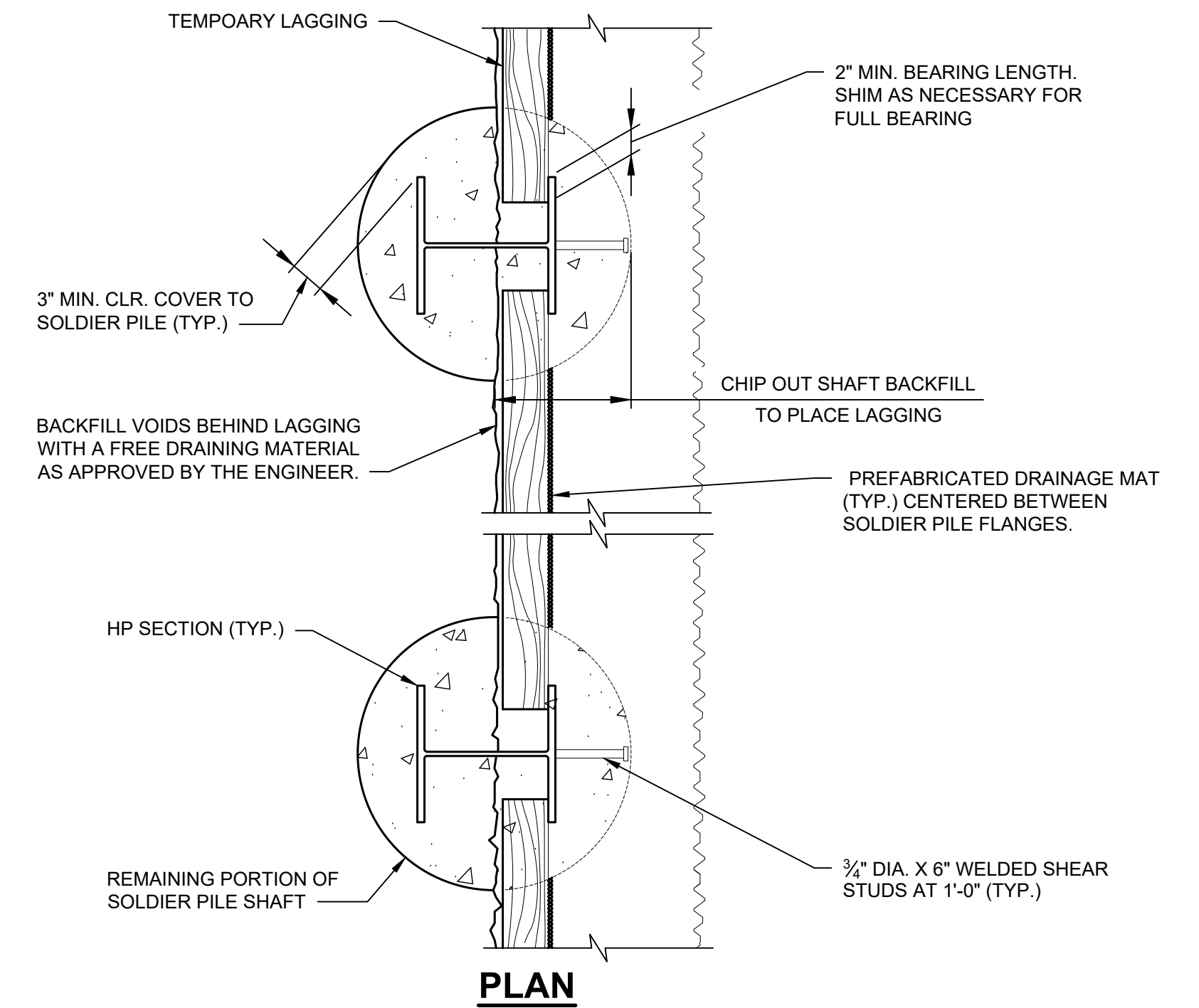
**1 TYPICAL SECTION**

LAGGING SHALL CONFORM TO STANDARD SPECIFICATION SECTION 6-16.3(6)  
 CONCRETE FASCIA TO BE ASHLAR STONE PATTERN AS PER WSDOT STANDARD SPECIFICATIONS.

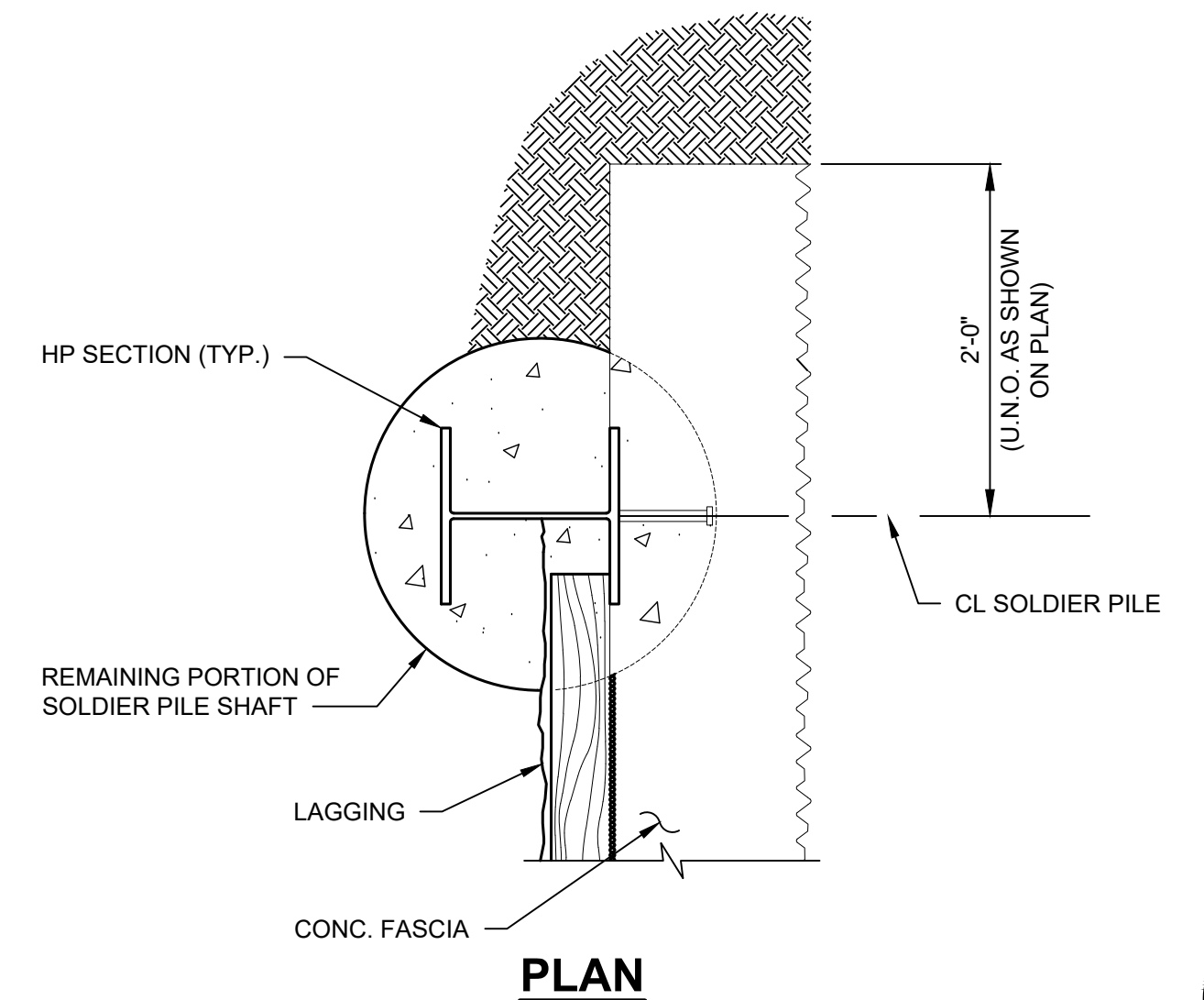
\* USE CONTROL DENSITY FILL WHEN PLACED IN THE DRY. USE TREMIE LEAN CONCRETE WHEN PLACED IN THE WET. CONCRETE STRENGTH FOR SOLDIER PILE SHAFT = 150 PSI.



**2 SOLDIER PILE LIFTING HOLE**  
 LIFTING HOLE TO BE DRILLED IN THE SHOP PRIOR TO PAINTING THE PILE.



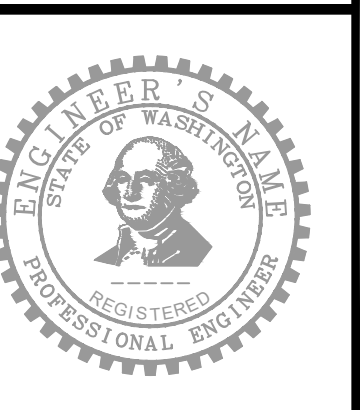
**3 SOLDIER PILE WALL**



**4 END OF SOLDIER PILE DETAIL**



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NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
**SOLDIER PILE WALL DETAILS**

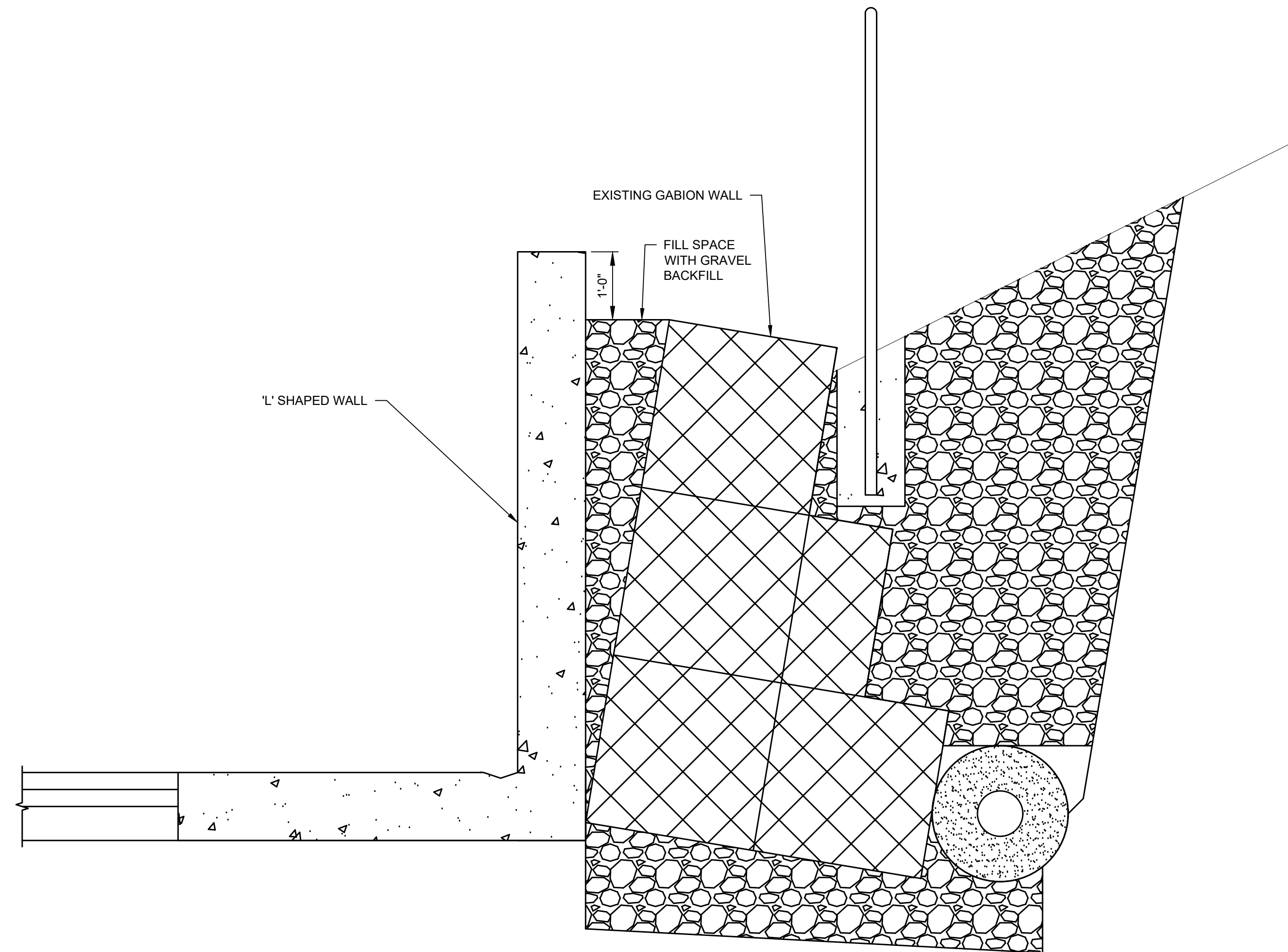
JOB# / DWG 10-210058	DATE 08/25/2023
SCALE H: N/A V: N/A	<b>WD04</b> SHEET 99 of 101



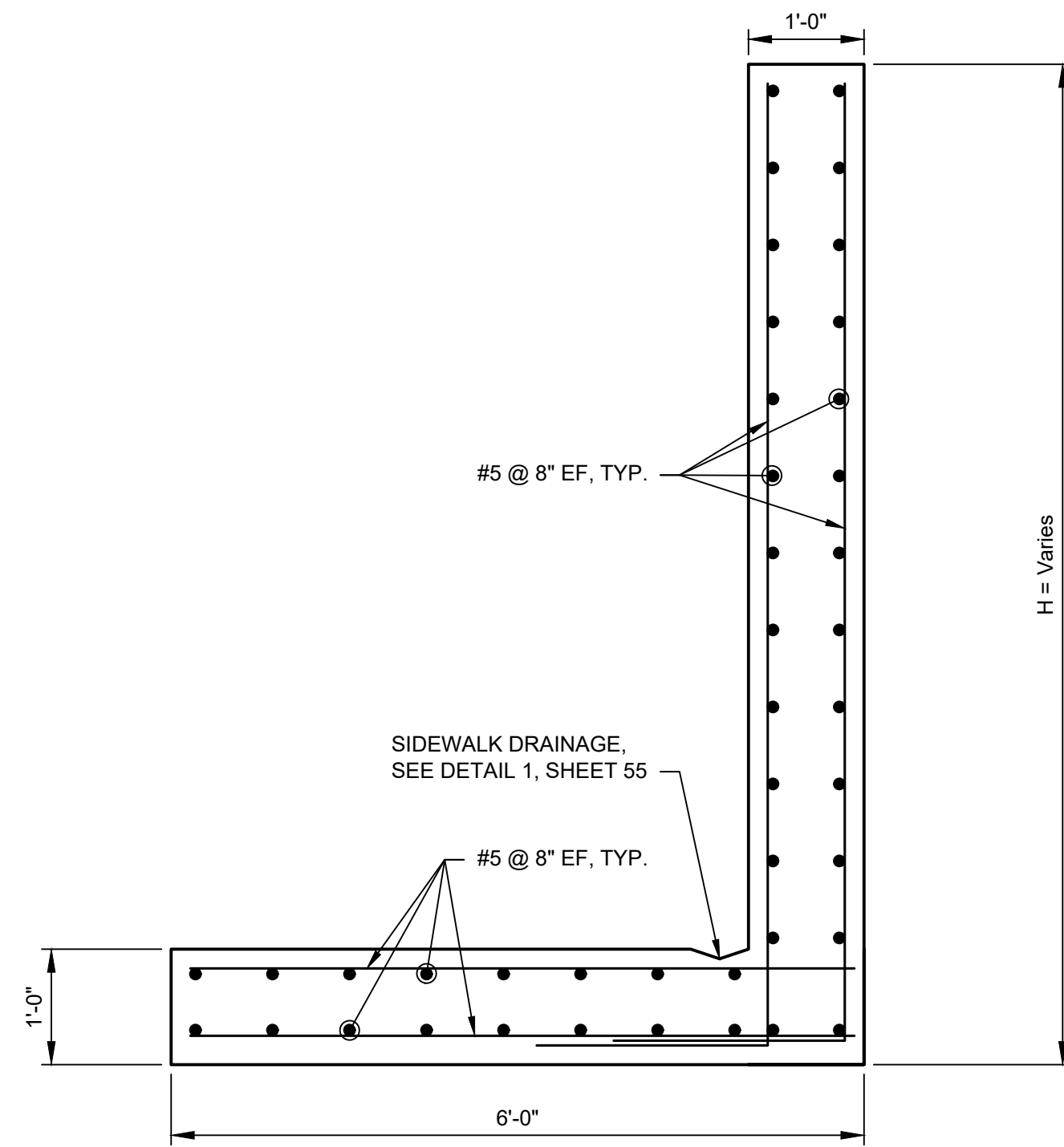




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 USER NAME: LAURA TURNDIDGE

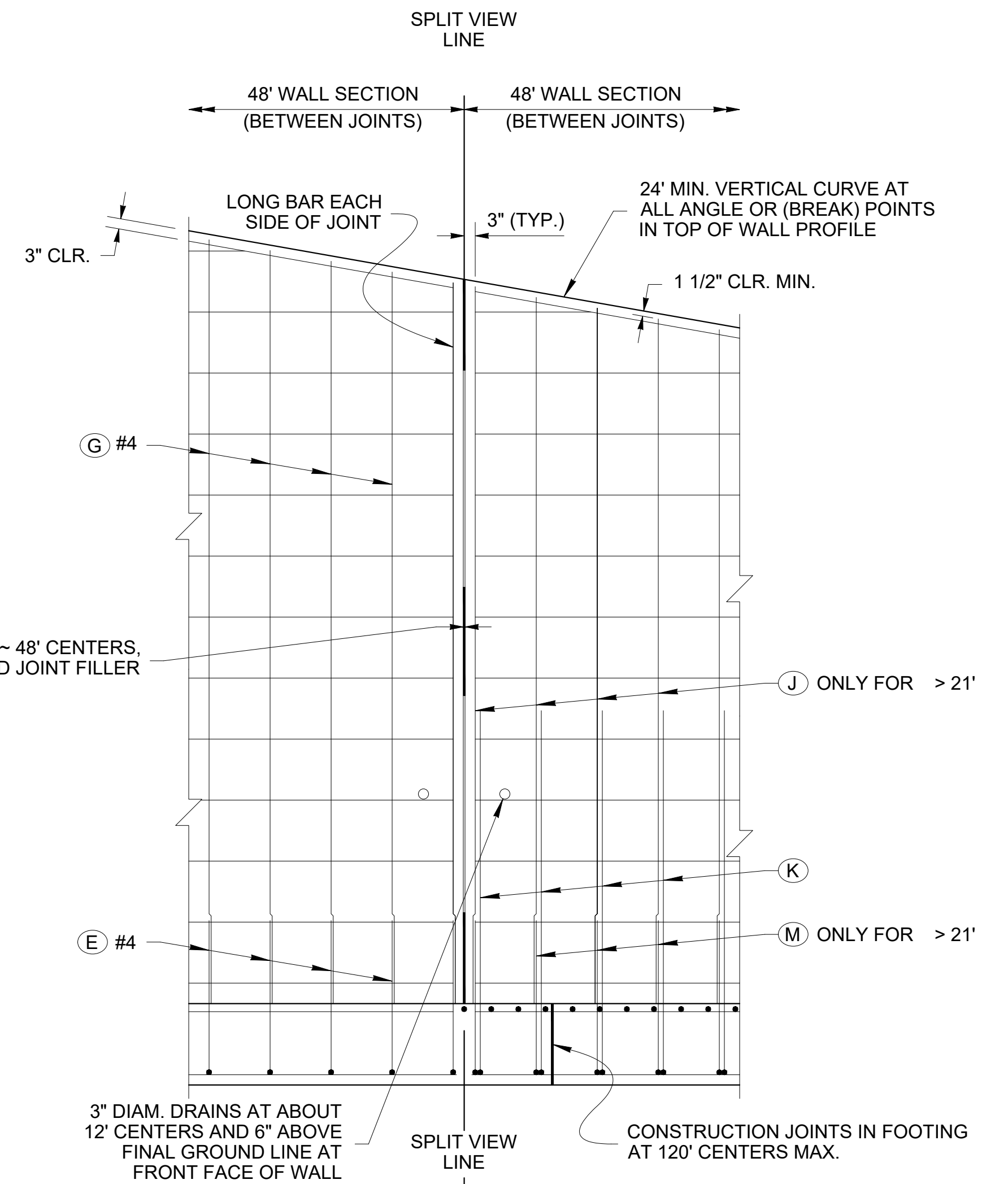


1 EXISTING GABION WALL SECTION



2 'L' SHAPED WALL

NOTES:  
 CONCRETE IN THE 48 FOOT WALL SECTIONS SHALL BE PLACED SEPARATELY BETWEEN EXPANSION JOINTS WITH A MINIMUM OF 24 HOUR PERIOD BEFORE PLACING CONCRETE IN THE ADJACENT SECTION.



3 SPLIT ELEVATION VIEW (SHOWING SEPARATE REBAR LAYERS)



Know what's below.  
 Call before you dig.



90% SUBMITTAL (NOT FOR CONSTRUCTION)

DESIGNED BY CAWO  
 DRAWN BY DJAL  
 CHECKED BY EJF

**OSBORN CONSULTING INCORPORATED**  
 Bellevue | Seattle | Spokane | Bellingham  
 www.osbornconsulting.com

**DAVID EVANS AND ASSOCIATES INC.**

NO.	DATE	REVISION	BY



**LOUIS THOMPSON ROAD TIGHTLINE PROJECT**  
 CITY OF SAMMAMISH  
 GABION WALL FASCIA

JOB# / DWG	10-210058	DATE	08/25/2023
SCALE	H: N/A V: N/A		
			<b>WD06</b>
			SHEET 101 of 101