

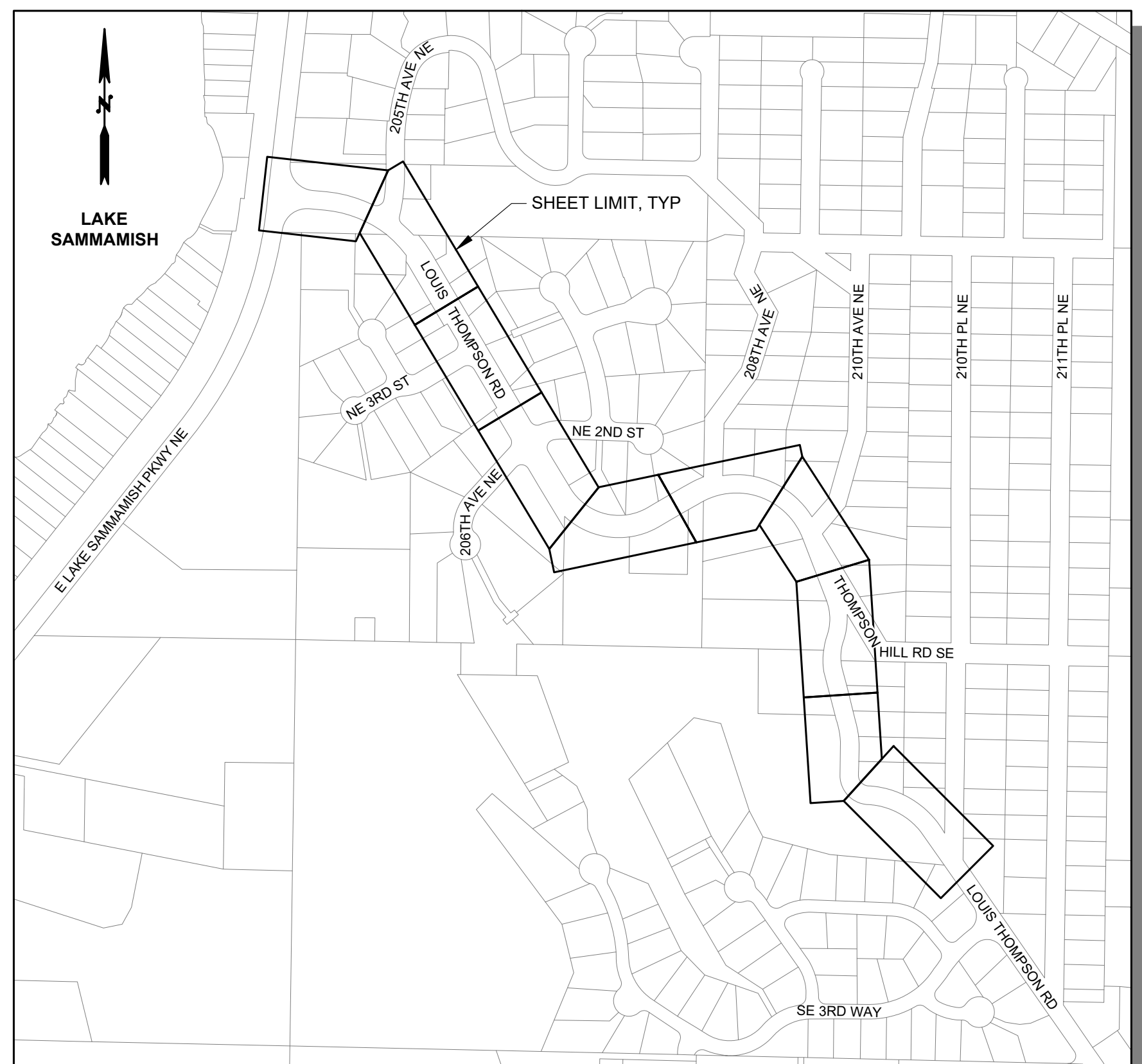
CITY OF SAMMAMISH

LOUIS THOMPSON ROAD

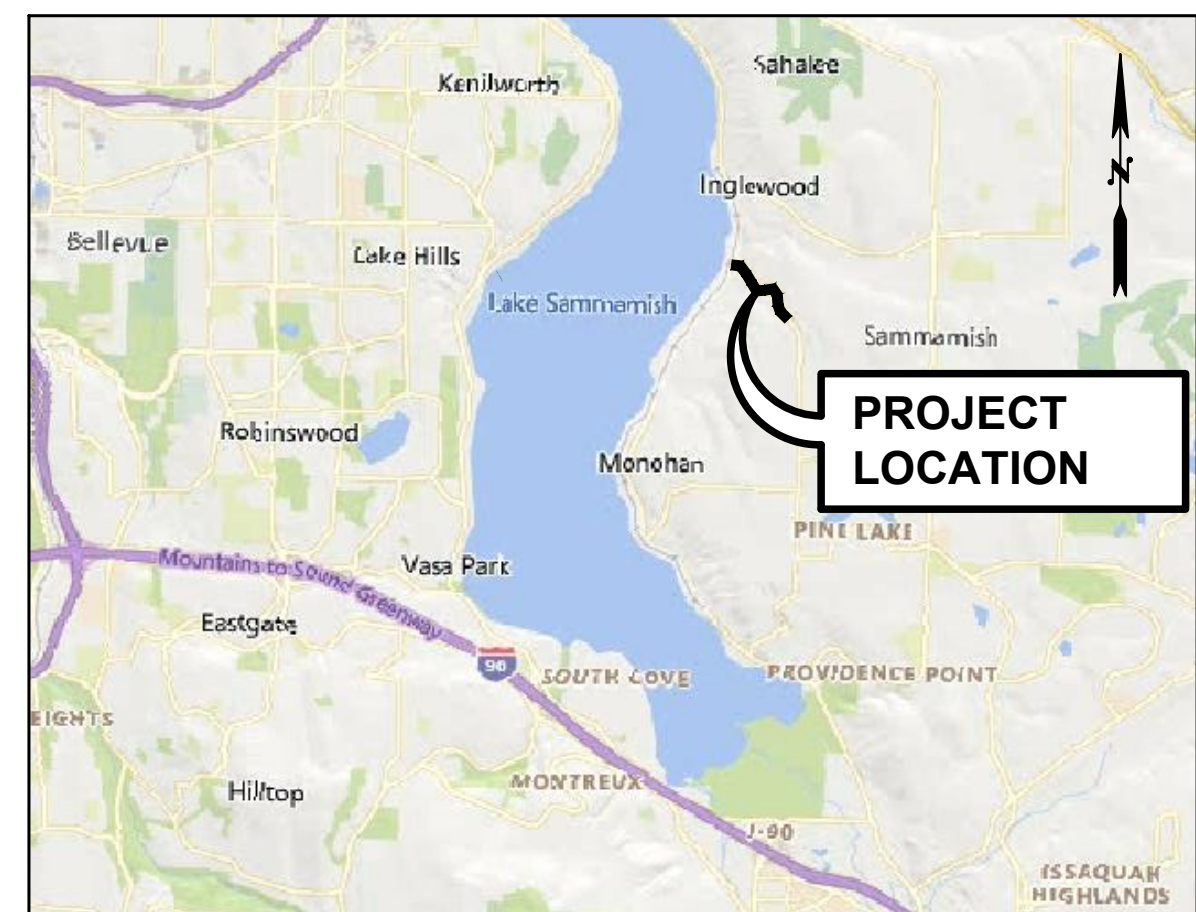
TIGHTLINE PROJECT

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VICINITY MAP
SCALE: 1"=200'



AREA MAP
NOT TO SCALE

CITY OFFICIALS

MAYOR: KALI CLARK

DEPUTY MAYOR: KAREN HOWE

COUNCIL MEMBERS: AMY LAM, ROISIN O'FARRELL, SID GUPTA, KENT TREEN, PAM STUART

CITY MANAGER: SCOTT MACCOLL

PROJECT ENGINEER: JED IRELAND, P.E.

CITY ENGINEER: DOUG VAN GELDER, P.E.

DIRECTOR OF PUBLIC WORKS: AUDRIE STARSY

RECOMMENDED FOR APPROVAL

PROJECT ENGINEER

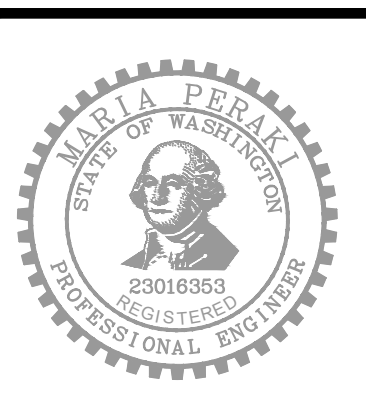
APPROVED BY:

CITY ENGINEER PUBLIC WORKS DIRECTOR

100% SUBMITTAL (NOT FOR CONSTRUCTION)



Know what's below.
Call before you dig.

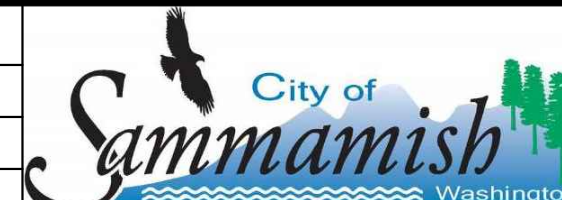


DESIGNED BY: MP
DRAWN BY: LT
CHECKED BY: LR

Osborn Consulting

DAVID EVANS AND ASSOCIATES INC.

NO.	DATE	REVISION	BY



LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
COVER SHEET

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: N/A V: N/A	SHEET	CV01 1 of 102

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. SIDEWALK ADJACENT TO 'L' SHAPED WALL (GABION WALL FASCIA) SHALL MATCH DEPTH OF WALL FOR LENGTH OF THE WALL.
- IN THE CASE OF NEW ROAD CONSTRUCTION OR RECONSTRUCTION REQUIRING MAILBOXES TO BE MOVED OR REARRANGED, THE APPLICANT/CONTRACTOR SHALL NOTIFY THE U.S. POSTAL SERVICE OF THE CHANGE OF LOCATION. CITY HAS RECEIVED APPROVAL OF PROPOSED LOCATION BY THE U.S. POSTAL SERVICE IN 2023.
- 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 DEVELOP TRAFFIC CONTROL PLANS TO SUBMIT 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.
- CONTRACTOR SHALL SUBMIT PROPOSED WALL PLANS FOR PERMITS TO THE CITY FOR APPROVAL FOR ALL WALLS LOCATED OUTSIDE PUBLIC RIGHT-OF-WAY.
- SIDEWALK AND CURB AND GUTTER CANNOT BE POURED MONOLITHICALLY. THERE MUST BE A FULL DEPTH EXPANSION JOINT BETWEEN THEM.
- 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:\P\I_OCI_WORKINGDIROSBORNCONSULTING-PW-BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P_10-210058_NOTE.DWG
 PLOT TIME: 11/26/2024 12:36 PM
 USER NAME: LAURA TURNDIGE

DESIGNED BY MP	
DRAWN BY LT	
CHECKED BY LR	

NO.	DATE	REVISION	BY



LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
GENERAL NOTES

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: N/A V: N/A	GN01 SHEET 2 of 102



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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCORNCONSULTING-PW-BENTLEY.COM_OSBOBNCORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_LOND.DWG
 PLOT TIME: 1/26/2024 12:37 PM
 USER NAME: LAURA TURNDIGE

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	IE, INV	INVERT ELEVATION	TBD	TO BE DETERMINED
AC	ASBESTOS CONCRETE	ILLUM	ILLUMINATION	TCE	TEMPORARY CONSTRUCTION EASEMENT
ADA	AMERICANS WITH DISABILITIES ACT	IN	INCH	TOE	TOE OF SLOPE
ADS	ADVANCED DRAINAGE SYSTEM (HDPE CULVERT)	K	CURVATURE	TOP	TOP OF SLOPE
AP	APPROACH	KCRDCS	KING COUNTY ROAD DESIGN AND CONSTRUCTION	TYP	TYPE ALL
APS	ACCESSIBLE PEDESTRIAN SIGNALS	KCSWDM	KING COUNTY SURFACE WATER DESIGN MANUAL	UFO	UNDERGROUND FIBER OPTIC CONDUIT
ASPH	ASPHALT	L	LENGTH OF CURVE	U.N.O.	UNLESS OTHERWISE NOTED
AWCM	ARBORIST WOOD CHIP MULCH	L	LENGTH OF CURVE	UP	UTILITY POLE
AWG	AMERICAN WIRE GAUGE	LF	LINEAR FEET	V	VERTICAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	LID	LOW IMPACT DEVELOPMENT	VC	VERTICAL CURVE
BP	BOUNDARY POINT	LT	LEFT	VID	VIDEO
BMP	BEST MANAGEMENT PRACTICE	LTPP	LOUIS THOMPSON TIGHTLINE PROJECT	VMS	VARIABLE MESSAGE SIGNAL
BOT	BOTTOM	M	MAPLE TREE	WAC	WASHINGTON ADMINISTRATIVE CODE
BRK	GRADE BREAK	MA	MADRONE TREE	WDF	WOOD FENCE
CB	CATCH BASIN	MAX	MAXIMUM	WF	WETLAND FLAG
C	CEDAR TREE	MEF	MAXIMUM EXTENT FEASIBLE	WQ	WATER QUALITY FACILITY
C.O.S.	CITY OF SAMMAMISH	MIN	MINIMUM	WS	WATER SURFACE
CC	CONCRETE CURB	MIL	MILE	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
CCTV	CLOSED CIRCUIT TELEVISION	MH, M.H.	MANHOLE	YRS	YEARS
CFS	CUBIC FEET PER SECOND	MMU	MEMORY MANAGEMENT UNIT	ZPG	ZEOLITE, PERLITE, AND GAC
CG	CURB GUTTER	MP	MILE POST		
CL	CENTER LINE	MPH	MILES PER HOUR		
CLF	CHAIN LINK FENCE	MTD	MOUNTED		
CLR.	CLEARANCE	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES		
CMP	CORRUGATED METAL PIPE	N	NORTHING		
CMU	CONCRETE MASONRY UNIT	NO	NUMBER		
COMM	COMMUNICATIONS LINE	NEC	NATIONAL ELECTRICAL CODE		
CONC	CONCRETE	O	OVERLAY		
CONST	CONSTRUCTION	O.C.	ON CENTER		
CPP	CORRUGATED PLASTIC PIPE	O.D.	OUTER DIAMETER		
CSBC	CRUSHED SURFACE BASE COURSE	PC	POINT OF CURVATURE		
CSTC	CRUSHED SURFACE TOP COURSE	PCC	POINT OF COMPOUND CURVATURE		
CSWPP	CONSTRUCTION STORMWATER POLLUTION PREVENTION	PCC	POINT OF COMPOUND CURVATURE		
CTR	CENTER	PI	POINT OF INTERSECTION		
CW	CONCRETE SIDEWALK	PSE	PUGET SOUND ENERGY		
DBY/DYCL	DOUBLE YELLOW CENTERLINE	PSI	POUNDS PER SQUARE INCH		
DEC	DECIDUOUS TREE	PSORB	PHOSPHOSORB		
DI	DUCTILE IRON	PT	POINT OF TANGENCY		
DIA, DIAM.	DIAMETER	PVC	POLYVINYL CHLORIDE		
DIT	DITCH	PVC	POINT OF VERTICAL CURVE		
DMS	DYNAMIC MESSAGE SIGN	PVI	POINT OF VERTICAL INTERSECTION		
DW, DWY	DRIVEWAY	PVT	POINT OF VERTICAL TANGENCY		
DWG	DRAWING	PWS	PUBLIC WORKS STANDARDS		
E	EASTING	R	RADIUS OF CURVE		
EG	EXISTING GRADE	RR	RAILROAD		
EL, ELEV	ELEVATION	RCW	REVISED CODE OF WASHINGTON		
EP	EDGE OF PAVEMENT	RCP	REINFORCED CONCRETE PIPE		
ESC	EROSION & SEDIMENT CONTROL	REC	RECTANGULAR		
ETC	ET CETERA	RET	RETAINING		
EX	EXISTING	RPM	RAISED PAVEMENT MARKING		
F	FIR TREE	RR	RAILROAD		
FAB	FABRICATION	RT	RIGHT		
FG	FINISHED GRADE	RW, ROW	RIGHT OF WAY		
FIG	FIGURE	S	SLOPE		
FL	FLOW LINE	SCH	SCHEDULE		
FOG	PAINTED FOG LINE	SD	STORM DRAIN		
FT	FEET	SDMH	STORM DRAIN MAINTENANCE HOLE		
G	GUARDRAIL	SMC	SAMMAMISH MUNICIPAL CODE		
GPM	GALLONS PER MINUTE	SPA	SPACING		
H	HORIZONTAL	SSMH	SANITARY SEWER MAINTENANCE HOLE		
HMA	HOT MIX ASPHALT	SWLK	SIDEWALK		
HDPE	HIGH DENSITY POLYETHYLENE	SWPPS	STORMWATER POLLUTION PREVENTION AND SPILL CONTROL		
HVF	HIGH VISIBILITY FENCE	SQ FT	SQUARE FEET		
HVSF	HIGH VISIBILITY SILT FENCE	STA	STATION		
I.D.	INNER DIAMETER	STD	STANDARD		
		T	TANGENT		

EXISTING LEGEND

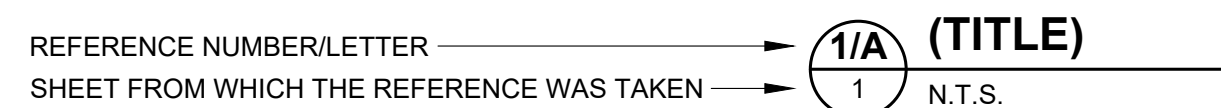
	EXISTING RIGHT-OF-WAY CENTER LINE
	EXISTING RIGHT-OF-WAY LINE
	PARCEL LINE
	GUARD RAIL
	TRAFFIC STRIPING
	CHAIN LINK FENCE LINE (CLF)
	WOOD FENCE LINE (WDF)
	EDGE OF GRAVEL
	FLOWLINE
	EDGE OF DITCH
	TOE OF SLOPE
	TOP OF SLOPE
	NATURAL GAS PIPE
	POWER LINE
	POWER OVERHEAD LINE
	TELEPHONE LINE
	TELEPHONE OVERHEAD LINE
	FIBER OPTIC LINE
	STORM DRAIN PIPE LESS THAN 12" DIAMETER
	STORM DRAIN PIPE GREATER THAN OR EQUAL TO 12" DIAMETER
	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

	SIGN
	WETLAND FLAG
	WETLAND DATA PLOT
	UTILITY BORE HOLE
	TAX LOT / PARCEL NUMBER
	ROCKERY
	DECIDUOUS TREE
	CONIFEROUS/EVERGREEN TREE

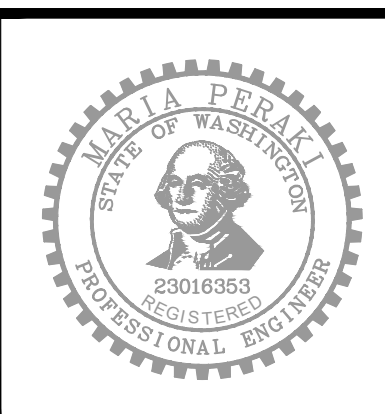
PROPOSED LEGEND

	PERMANENT EASEMENT	
	TEMPORARY EASEMENT	
	REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE	
	HVF	HIGH VISIBILITY FENCE
	*	HIGH VISIBILITY SILT FENCE
		REMOVE CURB
		STRUCTURE EXCAVATION CLASS B INCLUDING HAUL
		ROADWAY EXCAVATION INCLUDING HAUL
		PLANE PRIOR TO OVERLAY, CONTRACT TO FIELD VERIFY PLANING DEPTH.
	X	REMOVE TREE
		INLET PROTECTION
	X-##	CONTROL POINT
	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
	WQ	WATER QUALITY FACILITY, SEE SHEETS 30-31 FOR DETAILS
		GRASS-LINED V-DITCH
		OUTFALL PAD
	FILL	FILL / CUT SLOPES
	CUT	
		PROPOSED GRAVITY BLOCK RETAINING WALL
		PROPOSED SOLDIER PILE WALL
		L' SHAPED CIP WALL
		SAWCUT
	x	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 SIGN
		EXISTING SIGN
	##	NEW SIGN NOTE
	R#	SIGN REMOVAL NOTE
	##	PROPOSED SIGN LOCATION
		EXISTING SIGN LOCATION
	MB	PROPOSED MAILBOX LOCATION
	UFO	UNDERGROUND FIBER OPTIC CONDUIT
	HH	HAND HOLE

DETAIL AND SECTION REFERENCING

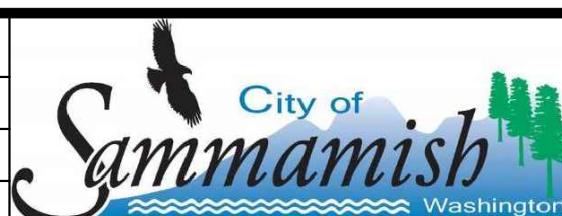


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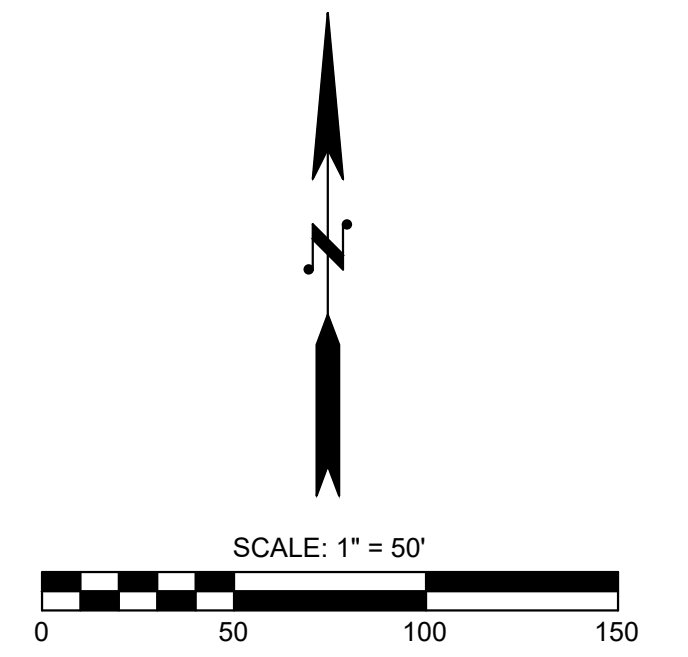
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LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 LEGEND AND ABBREVIATIONS

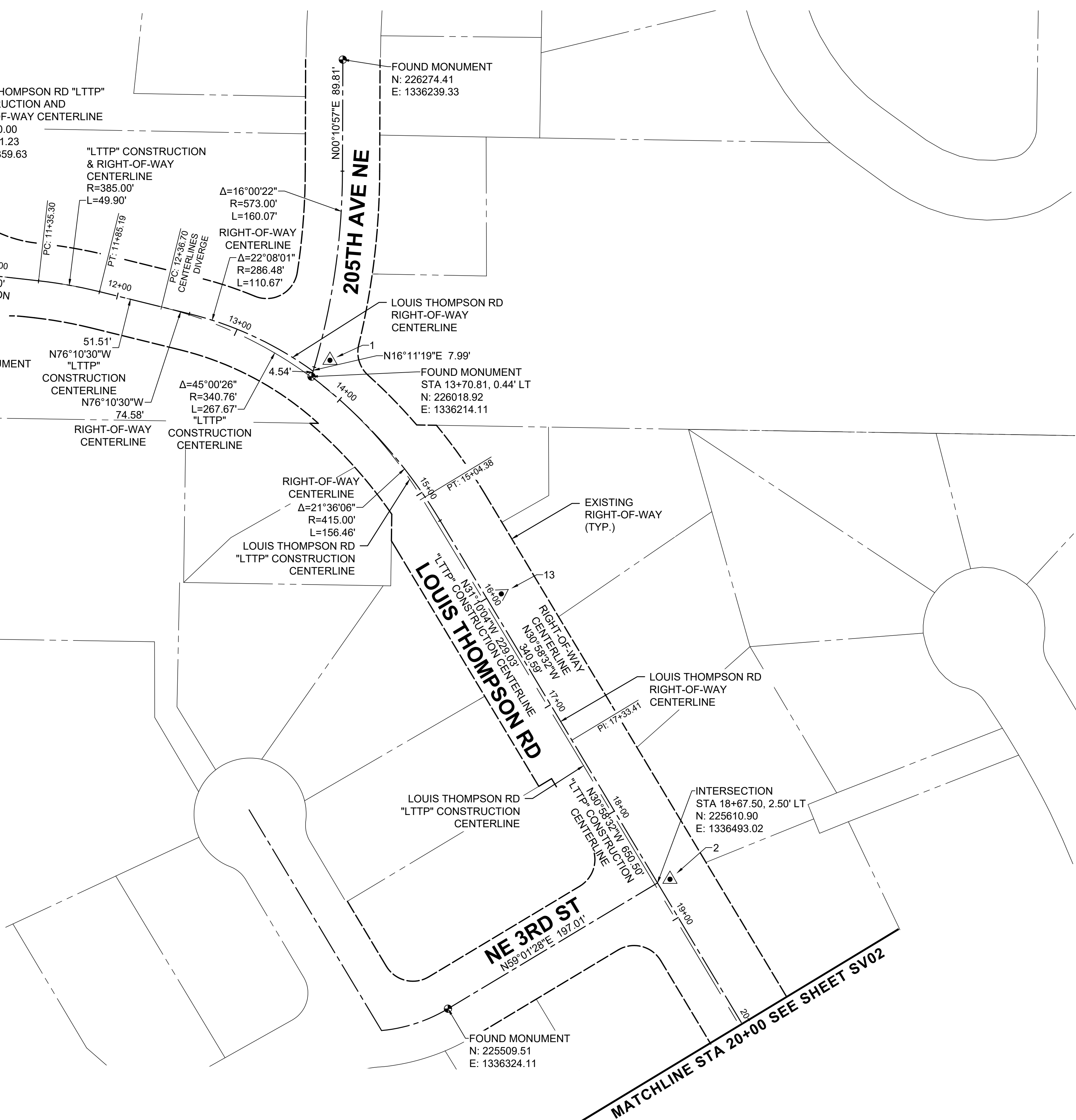
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SCALE	H: N/A V: N/A	LG01	SHEET 3 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM_OSBORNCONSULTING-PW\01LAURA TURNDIGE\DWG\10-210058_SRYV.DWG
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 USER NAME: LAURA TURNDIGE

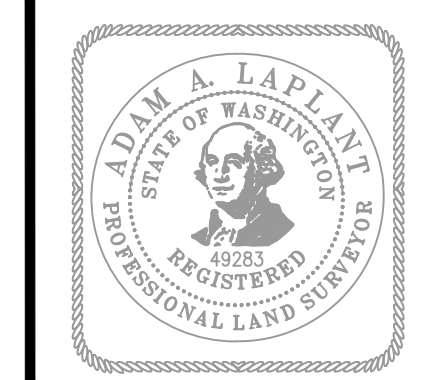


- PURPOSE OF THIS SURVEY** THIS SURVEY WAS PERFORMED DURING JANUARY AND FEBRUARY, 2022 WITH ADDITIONAL SURVEY IN MARCH AND APRIL 2023 IN SUPPORT OF CITY OF SAMMAMISH LOUIS THOMPSON ROAD TIGHTLINE PROJECT AND IS INTENDED TO BE USED FOR THIS PURPOSE. SPECIFIC INFORMATION SHOWN HEREON SHOULD BE VERIFIED 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



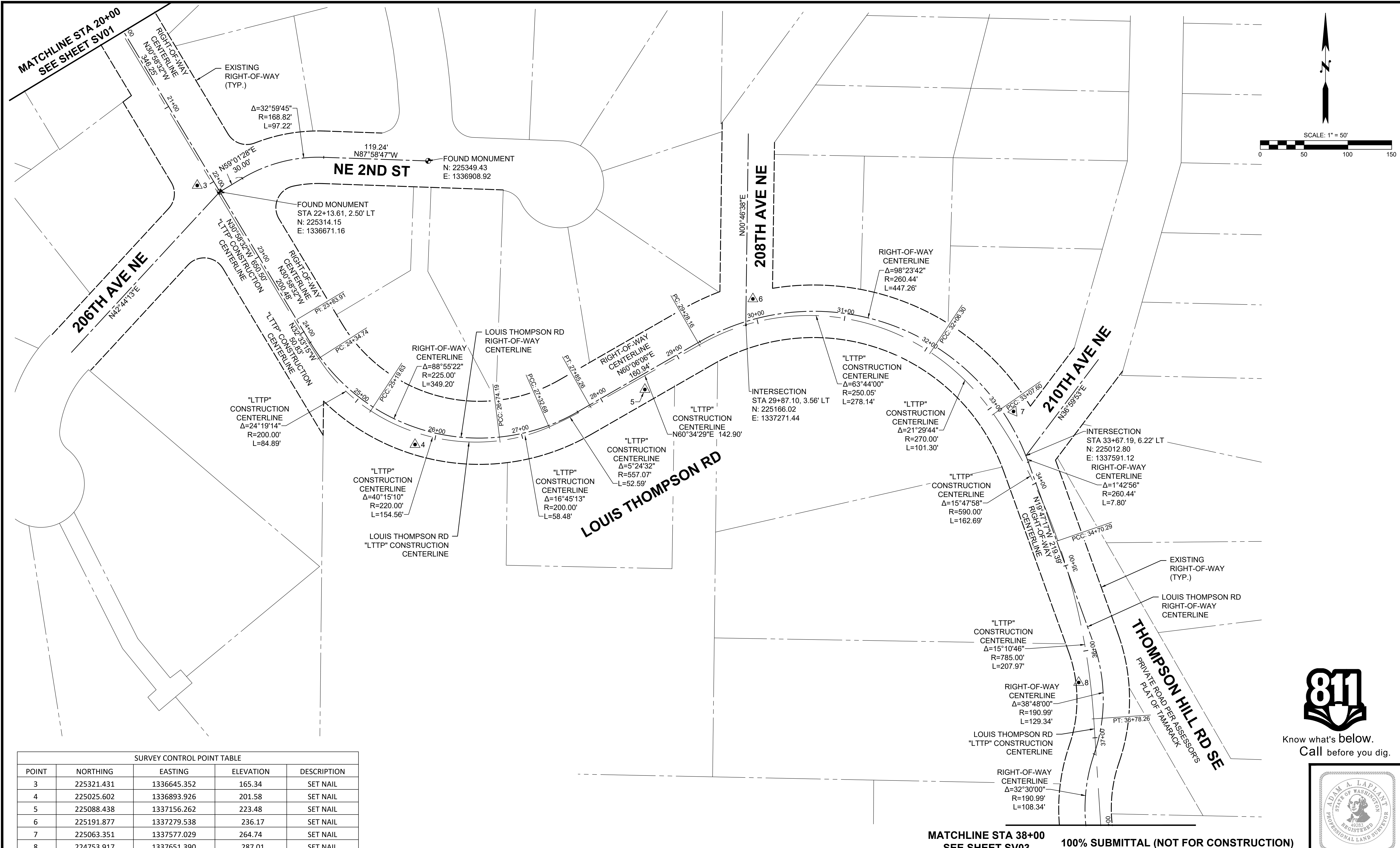
Know what's below.
 Call before you dig.



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DESIGNED BY -			<table border="1"> <tr><th>NO.</th><th>DATE</th><th>REVISION</th><th>BY</th></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	NO.	DATE	REVISION	BY										LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN	JOB# / DWG 10-210058	DATE 01/29/2024
NO.				DATE	REVISION	BY													
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CHECKED BY AL	SHEET 4 of 102																		

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 PLOT TIME: 1/26/2024 12:37 PM
 USER NAME: LAURA TURNDIDGE



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

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Osborn Consulting

DAVID EVANS AND ASSOCIATES INC.

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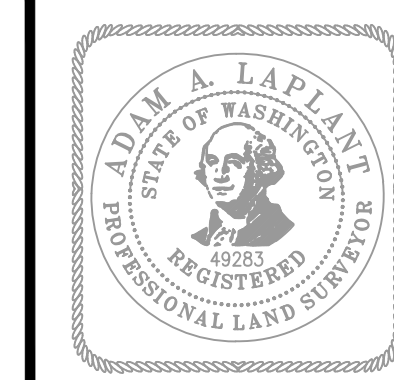


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 HORIZONTAL ALIGNMENT AND
 SURVEY CONTROL PLAN

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=50' V: N/A	SHEET	SV02
		SHEET 5 of 102	



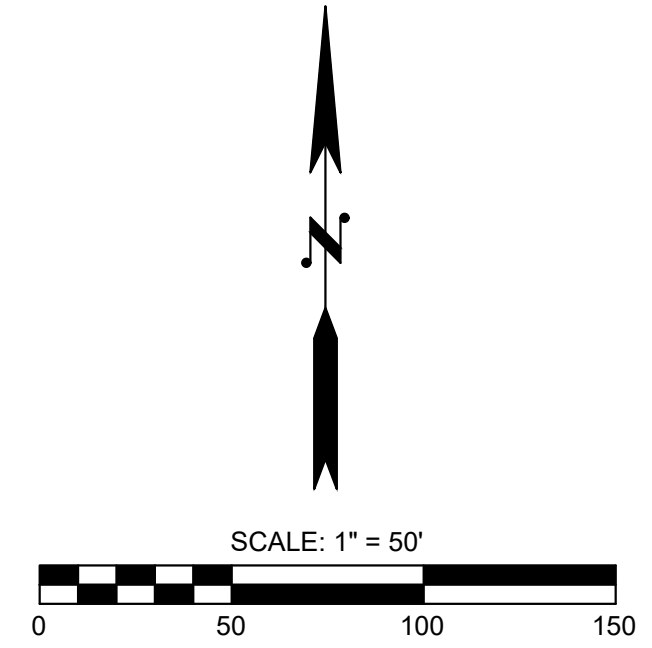
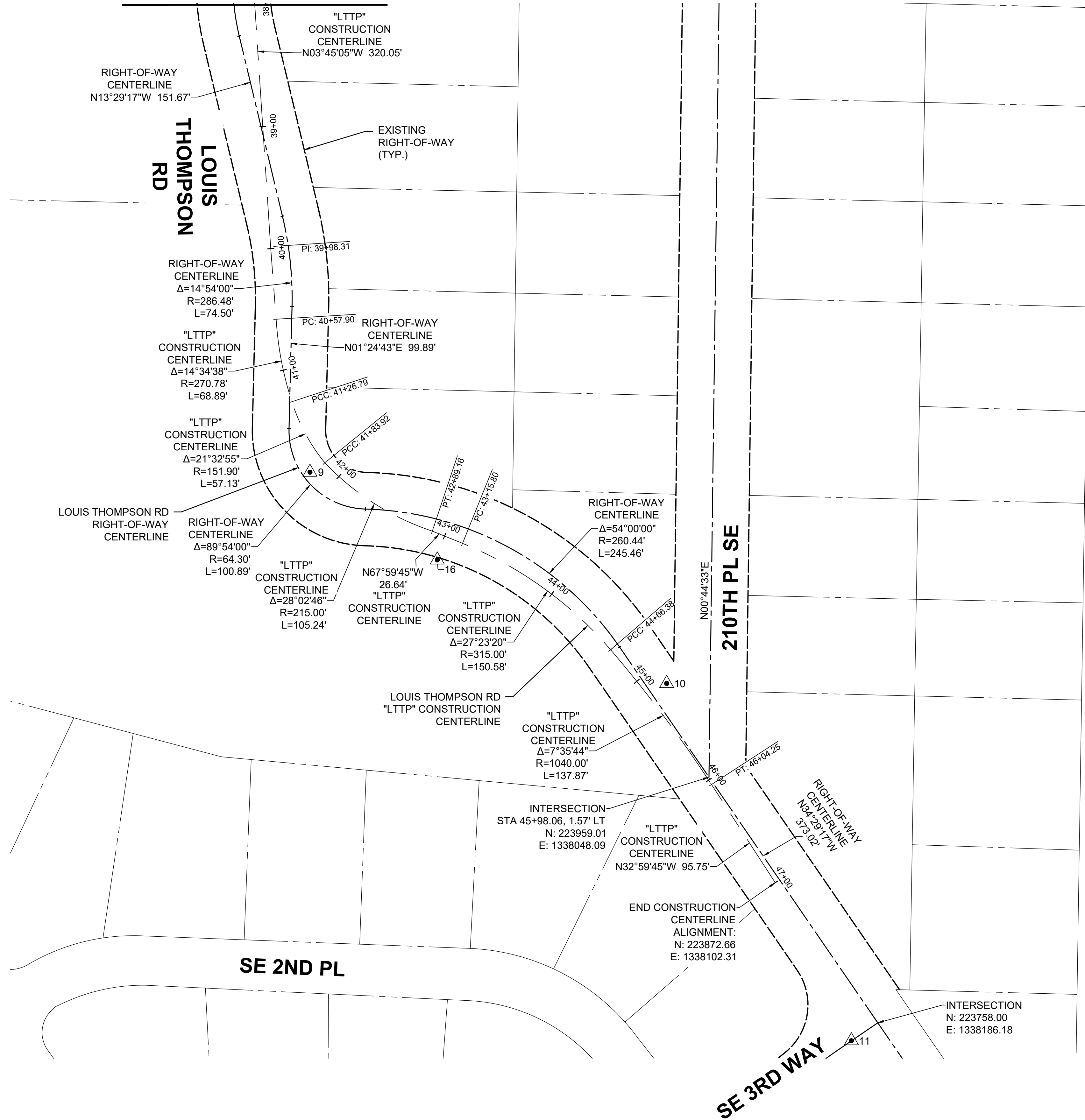
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MATCHLINE STA 38+00
 SEE SHEET SV03 100% SUBMITTAL (NOT FOR CONSTRUCTION)

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 PLOT TIME: 1/26/2024 12:37 PM
 USER NAME: LAURA TURNDIDGE

MATCHLINE STA 38+00 SEE SHEET SV02



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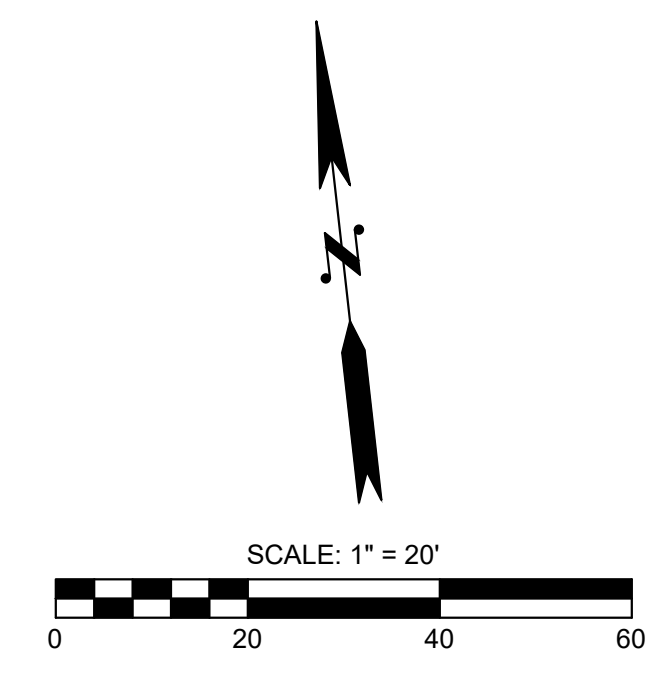
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LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
HORIZONTAL ALIGNMENT AND
SURVEY CONTROL PLAN

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=50' V: N/A	SHEET	SV03 6 of 102



GENERAL NOTES:

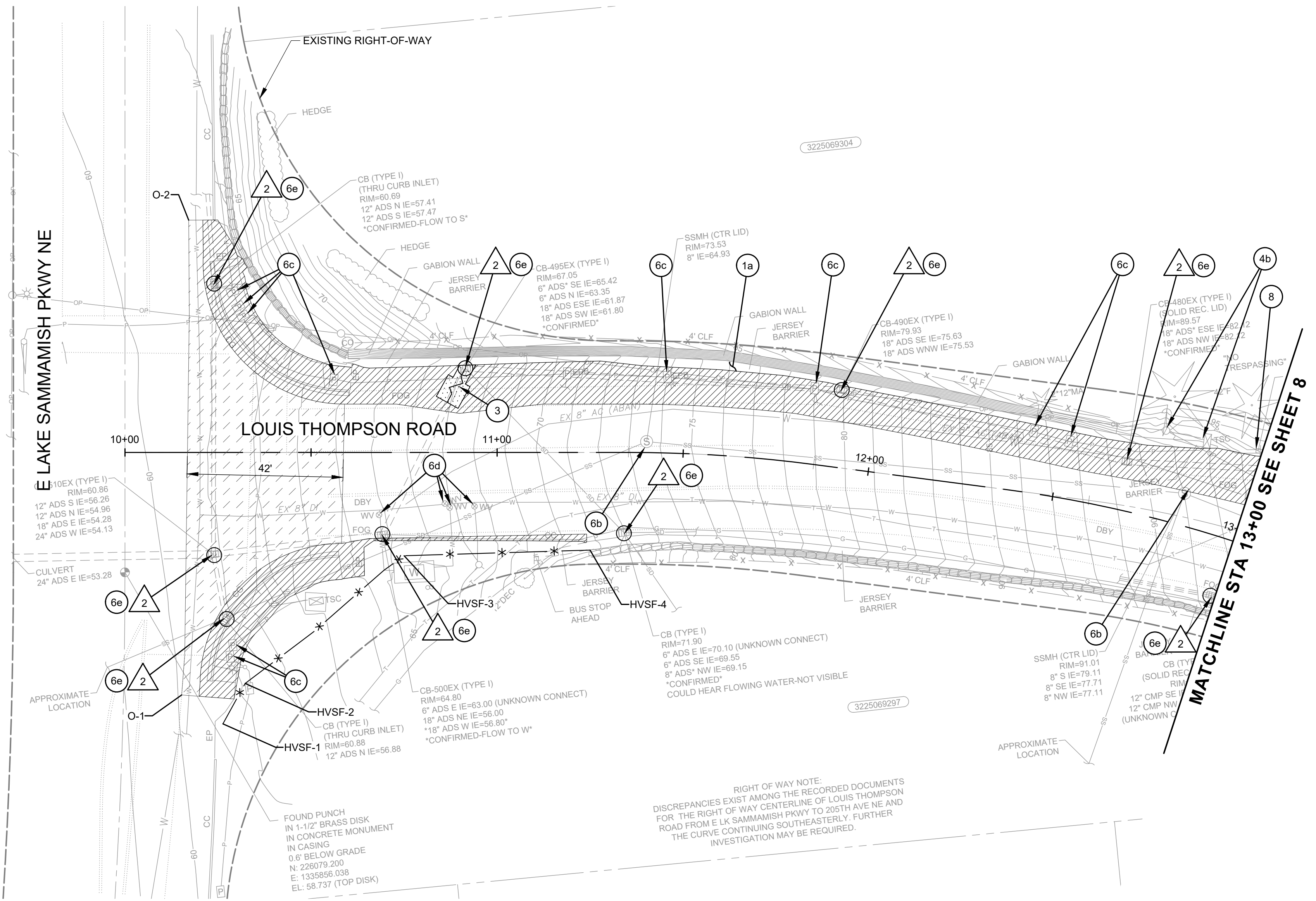
1. LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS WITHIN THE PROJECT LIMITS, INCLUDING SERVICE LINES WITHIN PRIVATE PROPERTIES AND DRIVEWAYS.
2. PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
3. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 46-55.
4. 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.
5. 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.
6. PROTECT EXISTING TREE WITHIN THE WORK AREA, UNLESS SHOWN AS TO BE REMOVED IN SHEETS 7-16 AND WITHIN 5 FEET FROM THE WORK LIMITS IN ACCORDANCE WITH SHEET 17 DETAIL 1 OR 2 AS FEASIBLE TO PERFORM WORK.
7. INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
8. 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. THE EXISTING AC WATER MAIN WILL BE ABANDONED IN PLACE WITHIN THESE LIMITS AND ONLY BE REMOVED AT LOCATIONS WHERE IT IS CONFLICTING WITH THE PROPOSED WORK.
9. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 44 AND DETAIL 3 SHEET 17.
10. OVERHEAD COMMUNICATION WIRES WILL BE RAISED APPROX. 20 FT FROM EXISTING GROUND AND SLACK REMOVED.

EROSION CONTROL NOTES:

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN 1-10.10/1-30.17.
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 53 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
 - j. REMOVE EXISTING CONCRETE UTILITY VAULT
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 CULVERT
 - b. EXISTING POWER POLE, RISER, CABINET
 - c. EXISTING FENCE OR RETAINING WALL
 - d. EXISTING MONUMENT
 - e. EXISTING UNDERGROUND POWER LINE
 - f. EXISTING GAS LINE
5. EXISTING UTILITY WORK BY OTHERS
 - a. POWER POLE TO BE RELOCATED BY PSE PRIOR TO CONSTRUCTION.
 - b. PSE TO DE-ENERGIZE SPAN DURING DETENTION PIPE AND SOLDIER PILE WALL CONSTRUCTION. CONTRACTOR TO COORDINATE WITH PSE FOR TIME FRAME.
 - c. COMMUNICATION LINE TO BE RELOCATED BY ZIPLY OR COMCAST DURING CONSTRUCTION.
 - d. COMMUNICATION LINE/STRUCTURE TO BE RELOCATED BY ZIPLY OR COMCAST PRIOR TO CONSTRUCTION.
 - e. EXISTING COMMUNICATION LINE TO BE ABANDONED IN PLACE.
 - f. GAS LINE TO BE RELOCATED PRIOR TO CONSTRUCTION.
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
 - e. EXISTING CATCH BASIN
7. REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
8. RELOCATE EXISTING SIGN. SEE SHEETS 57-66 FOR PROPOSED LOCATION.
9. REMOVE
 - a. EXISTING DRAINAGE STRUCTURE
 - b. EXISTING CULVERT OR STORM DRAIN



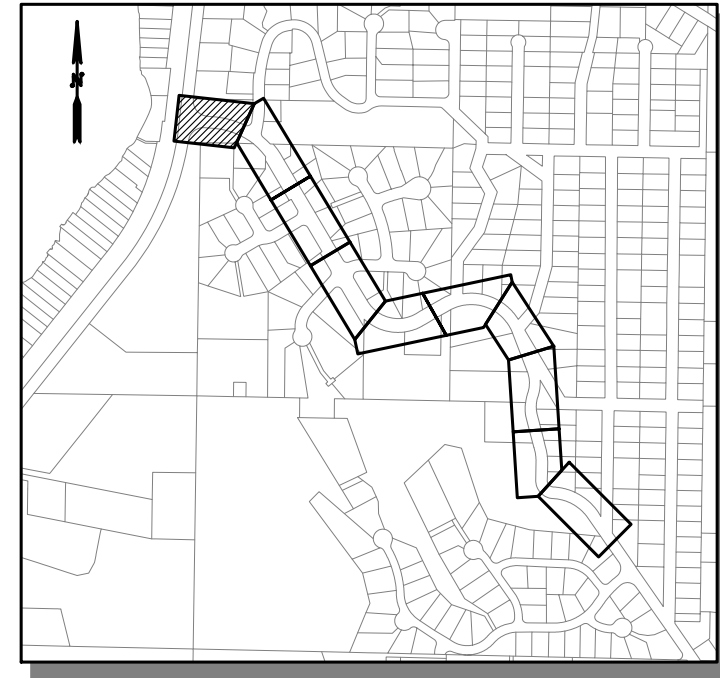
RIGHT OF WAY NOTE:
DISCREPANCIES EXIST AMONG THE RECORDED DOCUMENTS FOR THE RIGHT OF WAY CENTERLINE OF LOUIS THOMPSON ROAD FROM E LK SAMMAMISH PKWY TO 205TH AVE NE AND ROAD CONTINUING SOUTHEASTERLY. FURTHER INVESTIGATION MAY BE REQUIRED.

FOUND PUNCH IN 1-1/2\"/>

LEGEND

- | | | | |
|--|---|--|--|
| | PERMANENT EASEMENT | | ROADWAY EXCAVATION INCLUDING HAUL |
| | TEMPORARY EASEMENT | | PLANE PRIOR TO OVERLAY. CONTRACTOR TO FIELD VERIFY PLANNING DEPTH. |
| | REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE | | REMOVE TREE |
| | HVF | | INLET PROTECTION |
| | HIGH VISIBILITY SILT FENCE | | CONTROL POINT. SEE SHEET 17 FOR CONTROL POINT TABLE |
| | REMOVE CURB | | |
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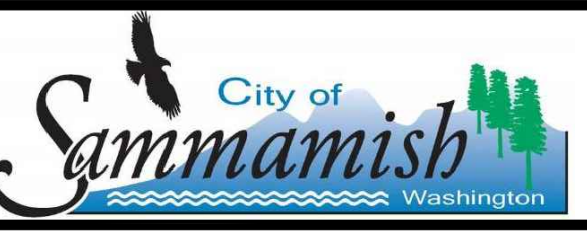
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DESIGNED BY
MP
DRAWN BY
LT/LO/FJ
CHECKED BY
LR

Osborn Consulting

NO.	DATE	REVISION	BY

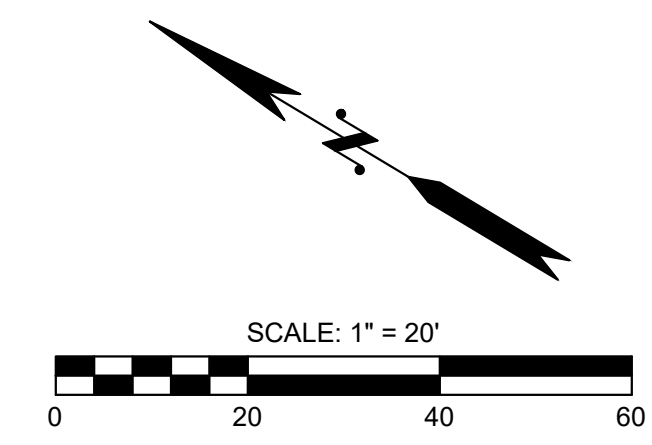


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH

EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A		
			ER01
			SHEET 7 of 102

FILE NAME: C:\P\O\O\WORKING\DIROBOR\CONSULTING-PW\BENTLEY.COM\OSBORNECONSULTING-PW\01LAURA TURNDIGE\DWG\10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:37 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

1. LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS WITHIN THE PROJECT LIMITS, INCLUDING SERVICE LINES WITHIN PRIVATE PROPERTIES AND DRIVEWAYS.
2. PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
3. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 46-55.
4. 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.
5. 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.
6. PROTECT EXISTING TREE WITHIN THE WORK AREA, UNLESS SHOWN AS TO BE REMOVED IN SHEETS 7-16 AND WITHIN 5 FEET FROM THE WORK LIMITS IN ACCORDANCE WITH SHEET 17 DETAIL 1 OR 2 AS FEASIBLE TO PERFORM WORK.
7. INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
8. 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. THE EXISTING AC WATER MAIN WILL BE ABANDONED IN PLACE WITHIN THESE LIMITS AND ONLY BE REMOVED AT LOCATIONS WHERE IT IS CONFLICTING WITH THE PROPOSED WORK.
9. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 44 AND DETAIL 3 SHEET 17.
10. OVERHEAD COMMUNICATION WIRES WILL BE RAISED APPROX. 20 FT FROM EXISTING GROUND AND SLACK REMOVED.

EROSION CONTROL NOTES:

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN 1-10.10/1-30.17.
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
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 - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
 - c. REMOVE BOLLARD.
 - d. REMOVE TIMBER LANDSCAPING WALL.
 - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 53 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
 - j. REMOVE EXISTING CONCRETE UTILITY VAULT
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 CULVERT
 - b. EXISTING POWER POLE, RISER, CABINET
 - c. EXISTING FENCE OR RETAINING WALL
 - d. EXISTING MONUMENT
 - e. EXISTING UNDERGROUND POWER LINE
 - f. EXISTING GAS LINE
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 - e. EXISTING COMMUNICATION LINE TO BE ABANDONED IN PLACE.
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 - b. EXISTING SEWER MANHOLE
 - c. EXISTING JUNCTION BOXES
 - d. EXISTING WATER VALVE/WATER VALVE MARKERS
 - e. EXISTING CATCH BASIN
7. REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
8. RELOCATE EXISTING SIGN. SEE SHEETS 57-66 FOR PROPOSED LOCATION.
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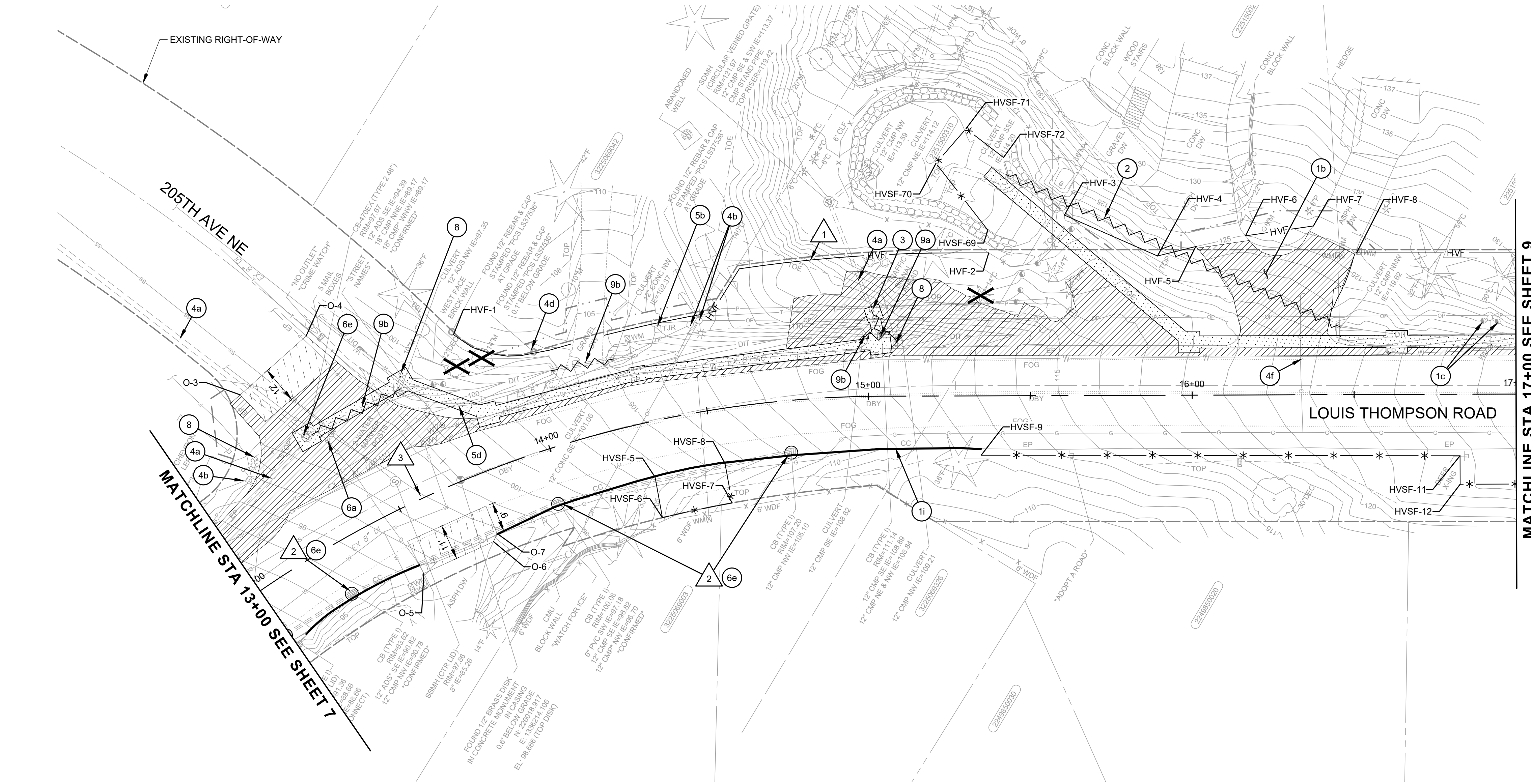
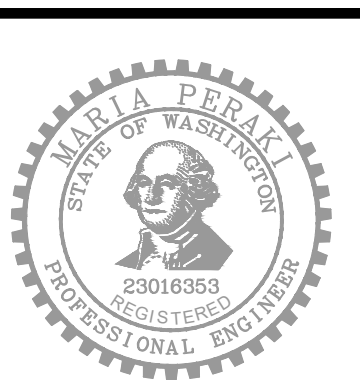
LEGEND

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100% SUBMITTAL (NOT FOR CONSTRUCTION)

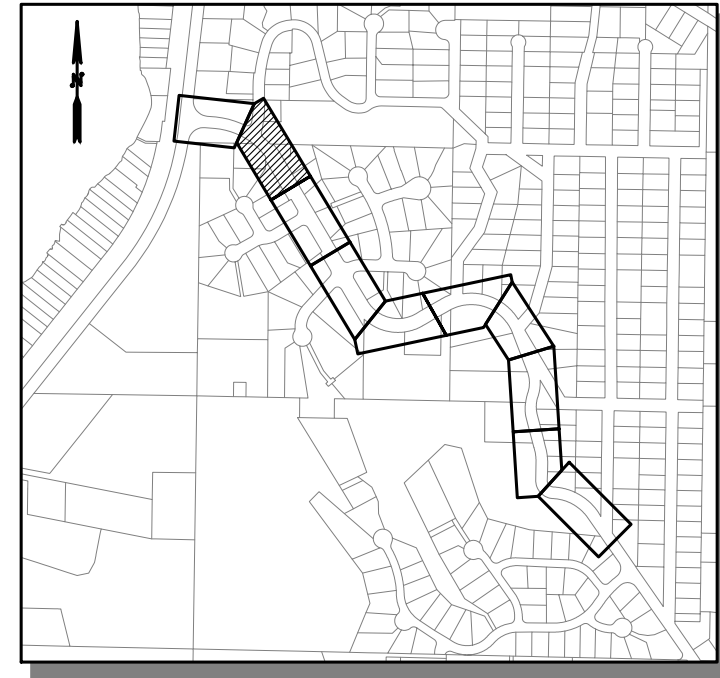


Know what's below.
Call before you dig.



MATCHLINE STA 17+00 SEE SHEET 9

MATCHLINE STA 13+00 SEE SHEET 7



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

NO.	DATE	REVISION	BY

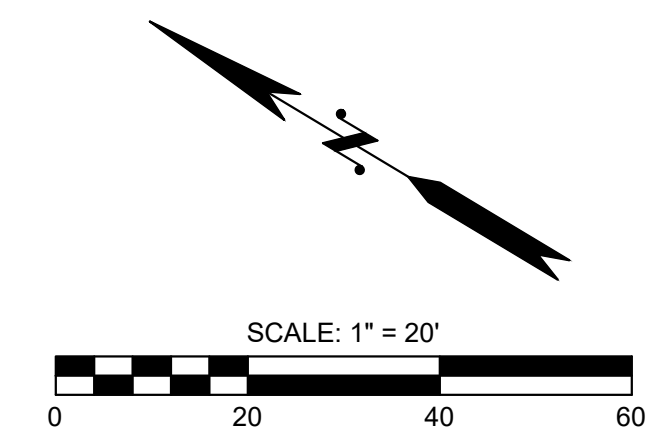


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A		
			ER02
			SHEET 8 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIROBORCONCONSULTING-PW\BENTLEY.COM\OSBORCONCONSULTING-PW\01LAURA TURNDIGE\MS265661P_10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:37 PM
USER NAME: LAURA TURNDIGE

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



GENERAL NOTES:

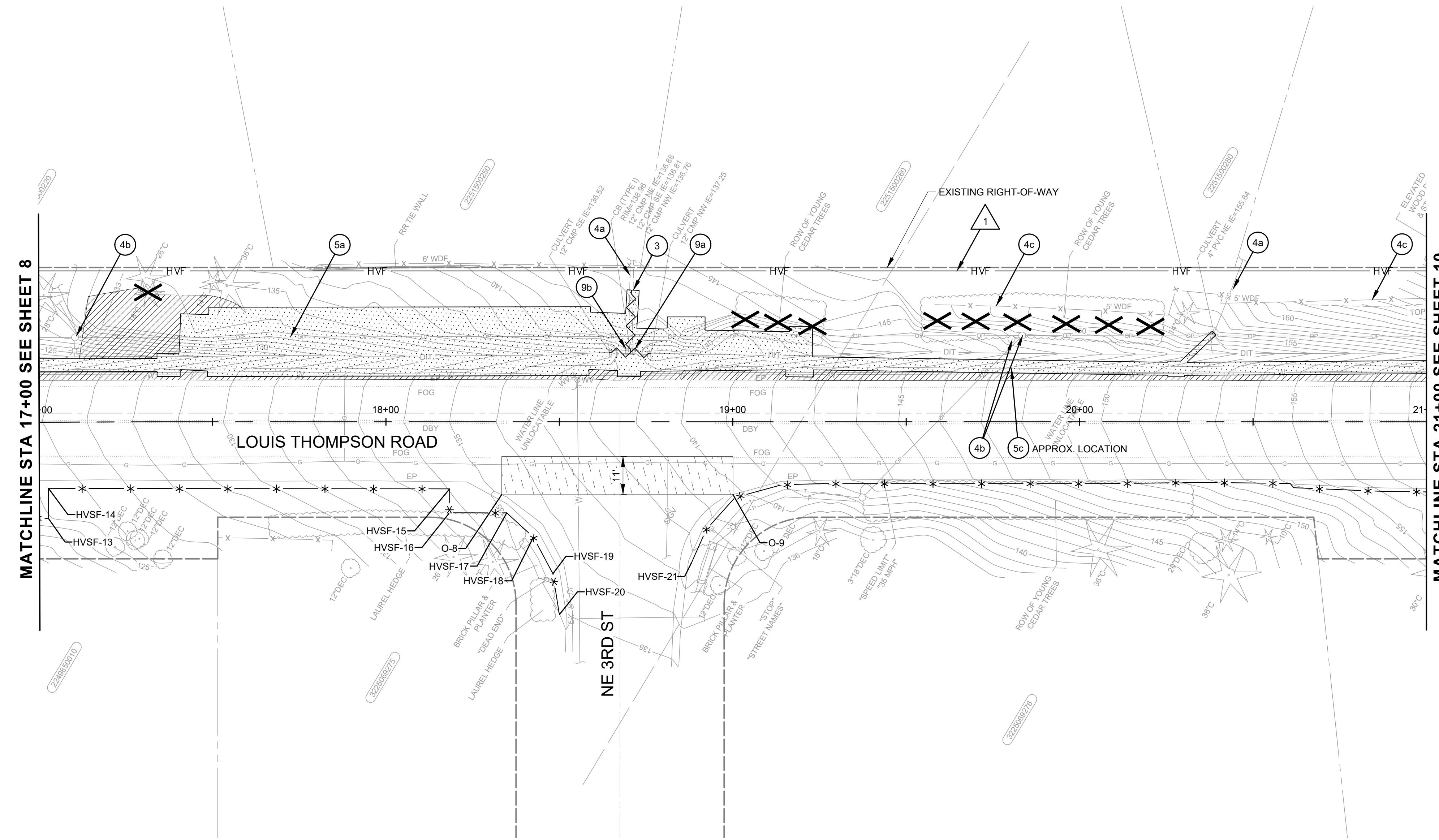
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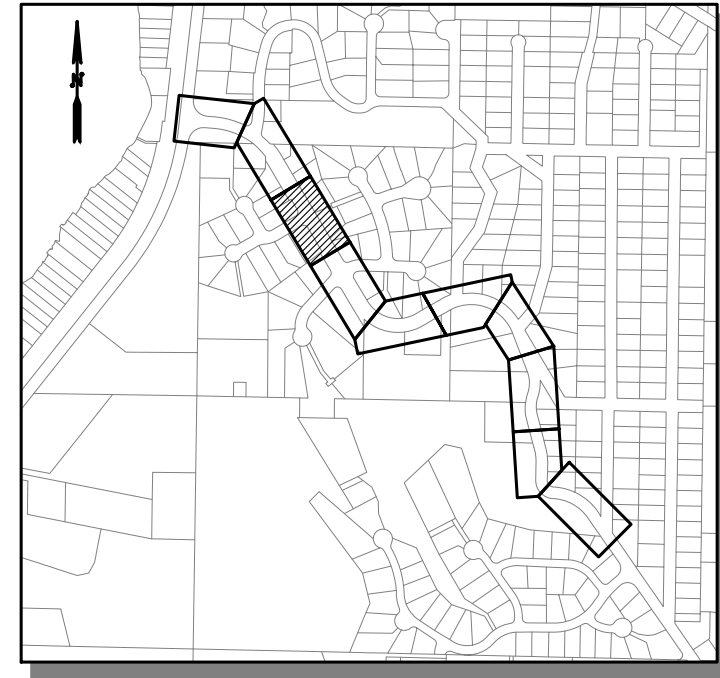
MATCHLINE STA 17+00 SEE SHEET 8

MATCHLINE STA 21+00 SEE SHEET 10

LEGEND

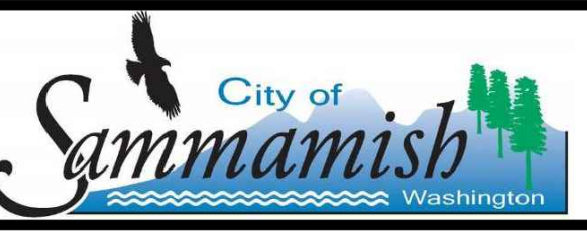
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100% SUBMITTAL (NOT FOR CONSTRUCTION)



DESIGNED BY
MP
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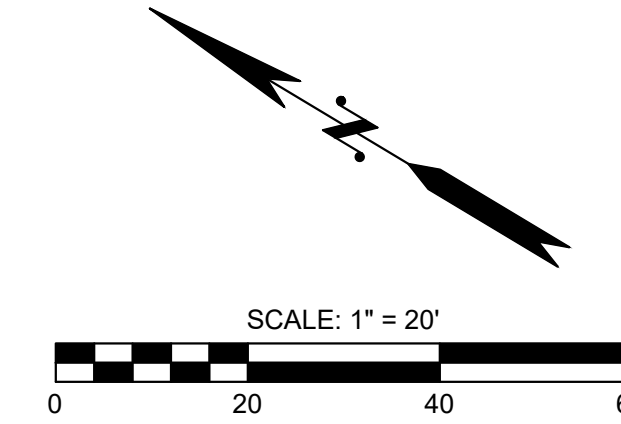
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LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A		
			ER03
			SHEET 9 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORCONCONSULTING-PW\BENTLEY.COM\OSBORCONCONSULTING-PW\01LAURA TURNDIGE\DWG\265661P_10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:37 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

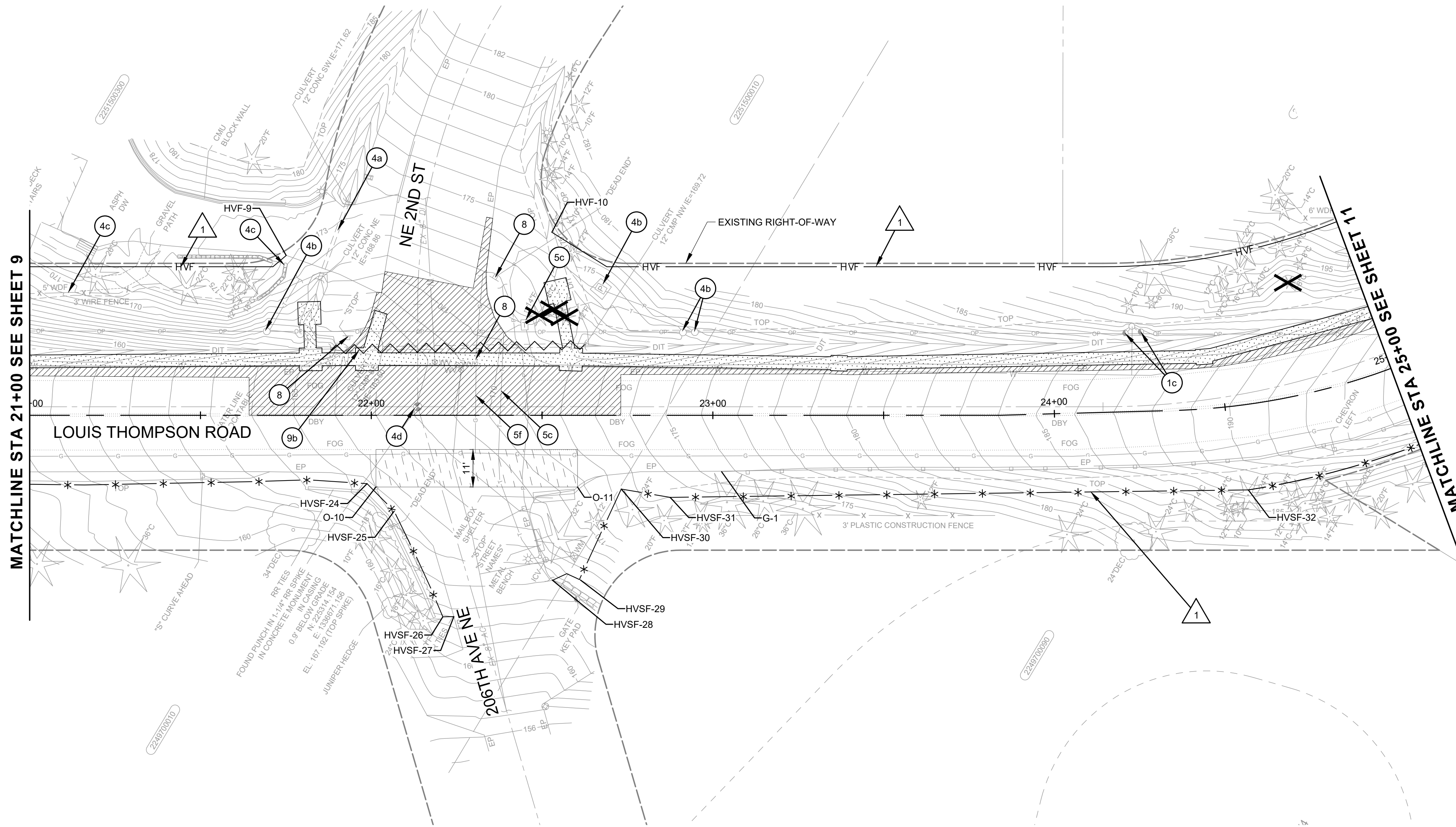
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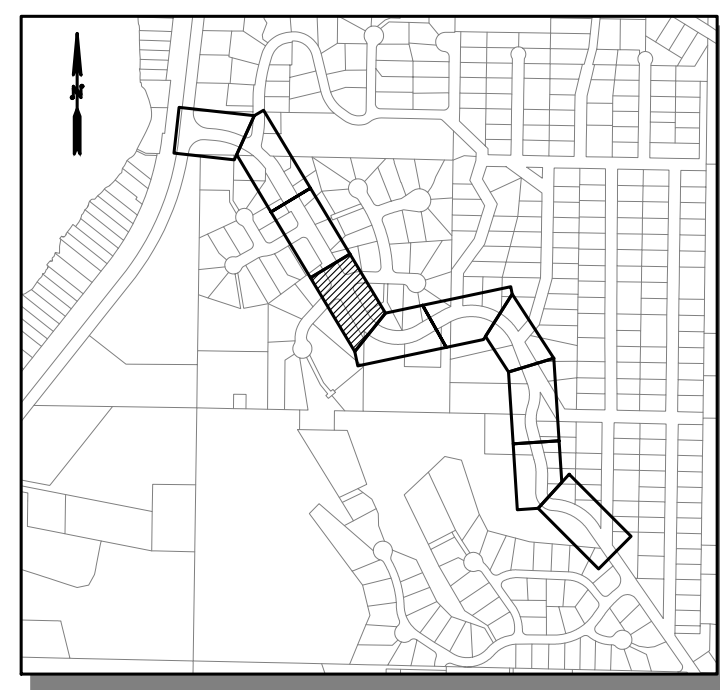
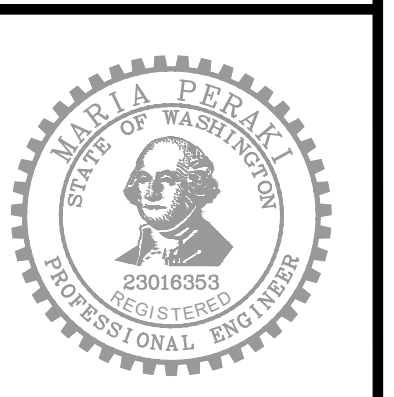
LEGEND

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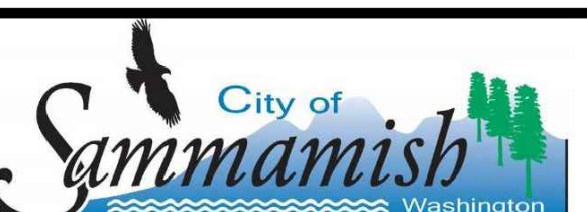
Know what's below.
Call before you dig.



DESIGNED BY
MP
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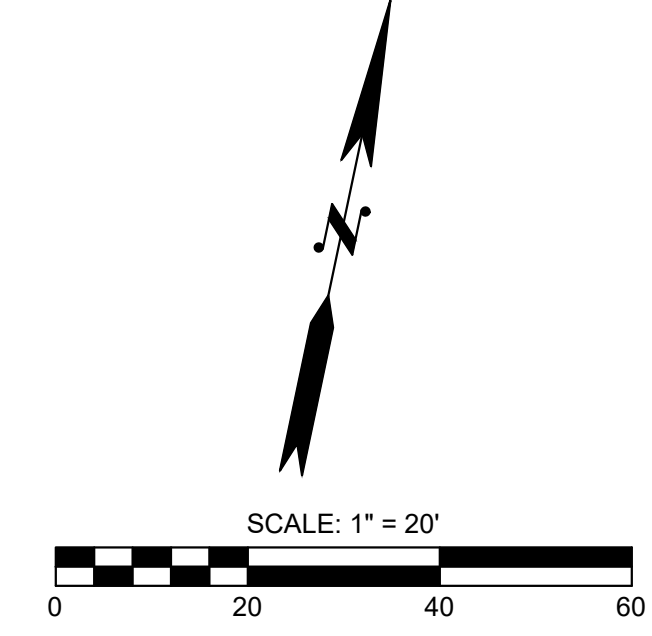
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A		
			ER04
			SHEET 10 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\LAURA TURNDIGE\MS265661P_10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:38 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

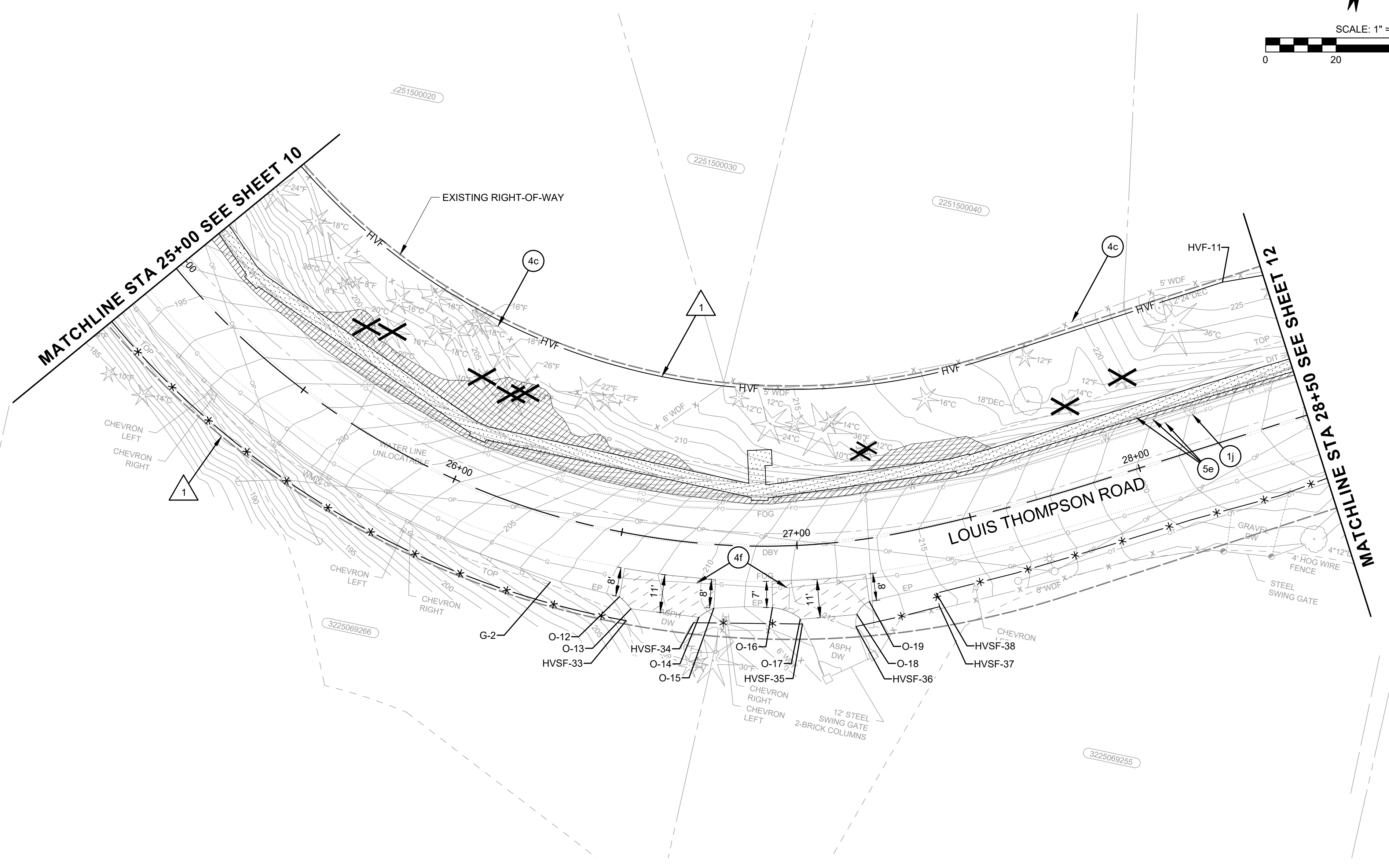
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6. PROTECT EXISTING TREE WITHIN THE WORK AREA, UNLESS SHOWN AS TO BE REMOVED IN SHEETS 7-16 AND WITHIN 5 FEET FROM THE WORK LIMITS IN ACCORDANCE WITH SHEET 17 DETAIL 1 OR 2 AS FEASIBLE TO PERFORM WORK.
7. INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
8. 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. THE EXISTING AC WATER MAIN WILL BE ABANDONED IN PLACE WITHIN THESE LIMITS AND ONLY BE REMOVED AT LOCATIONS WHERE IT IS CONFLICTING WITH THE PROPOSED WORK.
9. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 44 AND DETAIL 3 SHEET 17.
10. OVERHEAD COMMUNICATION WIRES WILL BE RAISED APPROX. 20 FT FROM EXISTING GROUND AND SLACK REMOVED.

EROSION CONTROL NOTES:

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.10I-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:

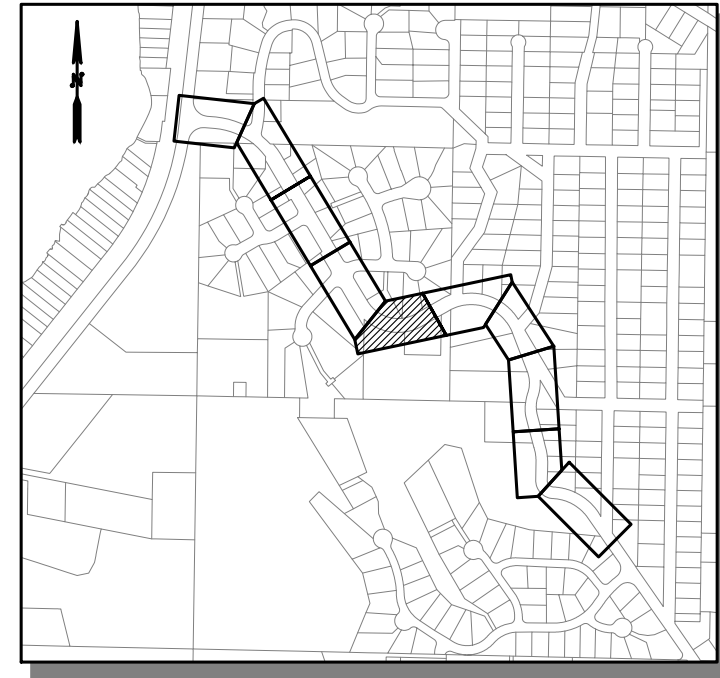
1. REMOVAL OF STRUCTURES AND OBSTRUCTIONS
 - a. REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
 - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
 - c. REMOVE BOLLARD.
 - d. REMOVE TIMBER LANDSCAPING WALL.
 - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 53 FOR NEW LOCATION.
 - f. REMOVE EXISTING FENCE.
 - g. REMOVE AND RESET EXISTING FENCE.
 - h. REMOVE AND RESET EXISTING LANDSCAPE BLOCKS.
 - i. REMOVE EXISTING CONCRETE CURB
 - j. REMOVE EXISTING CONCRETE UTILITY VAULT
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 CULVERT
 - b. EXISTING POWER POLE, RISER, CABINET
 - c. EXISTING FENCE OR RETAINING WALL
 - d. EXISTING MONUMENT
 - e. EXISTING UNDERGROUND POWER LINE
 - f. EXISTING GAS LINE
5. EXISTING UTILITY WORK BY OTHERS
 - a. POWER POLE TO BE RELOCATED BY PSE PRIOR TO CONSTRUCTION.
 - b. PSE TO DE-ENERGIZE SPAN DURING DETENTION PIPE AND SOLDIER PILE WALL CONSTRUCTION. CONTRACTOR TO COORDINATE WITH PSE FOR TIME FRAME.
 - c. COMMUNICATION LINE TO BE RELOCATED BY ZIPLY OR COMCAST DURING CONSTRUCTION.
 - d. COMMUNICATION LINE/STRUCTURE TO BE RELOCATED BY ZIPLY OR COMCAST PRIOR TO CONSTRUCTION.
 - e. EXISTING COMMUNICATION LINE TO BE ABANDONED IN PLACE.
 - f. GAS LINE TO BE RELOCATED PRIOR TO CONSTRUCTION.
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
 - e. EXISTING CATCH BASIN
7. REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
8. RELOCATE EXISTING SIGN. SEE SHEETS 57-66 FOR PROPOSED LOCATION.
9. REMOVE
 - a. EXISTING DRAINAGE STRUCTURE
 - b. EXISTING CULVERT OR STORM DRAIN



LEGEND

- | | | | |
|--|---|--|--|
| | PERMANENT EASEMENT | | ROADWAY EXCAVATION INCLUDING HAUL |
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| | REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE | | REMOVE TREE |
| | HVF | | INLET PROTECTION |
| | HIGH VISIBILITY SILT FENCE | | CONTROL POINT. SEE SHEET 17 FOR CONTROL POINT TABLE |
| | REMOVE CURB | | |
| | STRUCTURE EXCAVATION CLASS B INCLUDING HAUL | | |

100% SUBMITTAL (NOT FOR CONSTRUCTION)



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

NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A		
			ER05
			SHEET 11 of 102

FILE NAME: C:\PW\OCL\WORKING\DIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\DWG\265661P_10-210058_TESC.DWG
 PLOT TIME: 1/29/2024 12:38 PM
 USER NAME: LAURA TURNDIGE

GENERAL NOTES:

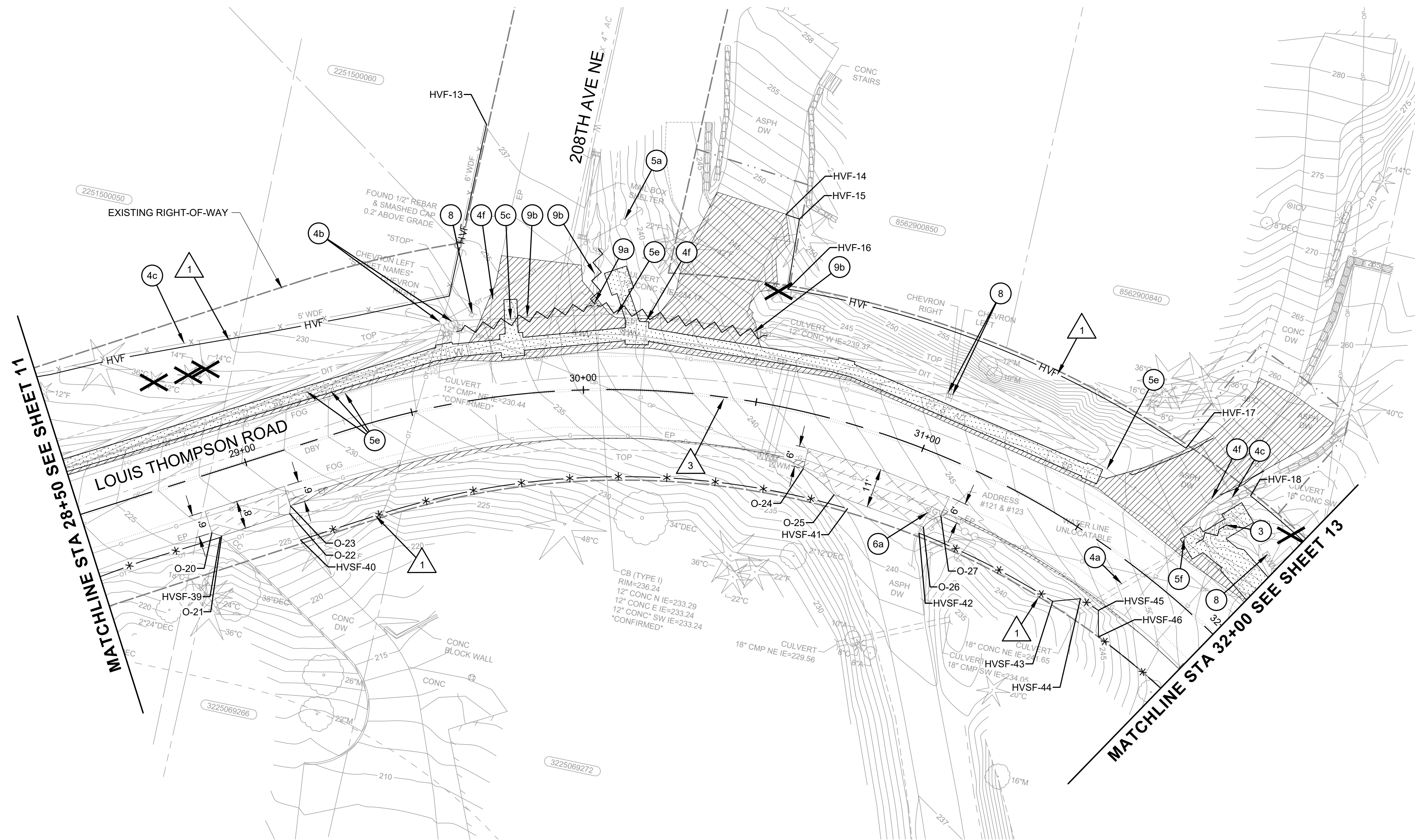
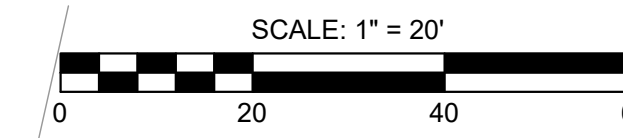
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3. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 46-55.
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EROSION CONTROL NOTES:

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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 53 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
 - j. REMOVE EXISTING CONCRETE UTILITY VAULT
2. PLUG EXISTING PIPE.
3. TRIM EXISTING PIPE TO LENGTH FOR CONNECTION TO DRAINAGE STRUCTURE. SEE SHEETS 18-27.
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 - a. EXISTING CULVERT
 - b. EXISTING POWER POLE, RISER, CABINET
 - c. EXISTING FENCE OR RETAINING WALL
 - d. EXISTING MONUMENT
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 - a. POWER POLE TO BE RELOCATED BY PSE PRIOR TO CONSTRUCTION.
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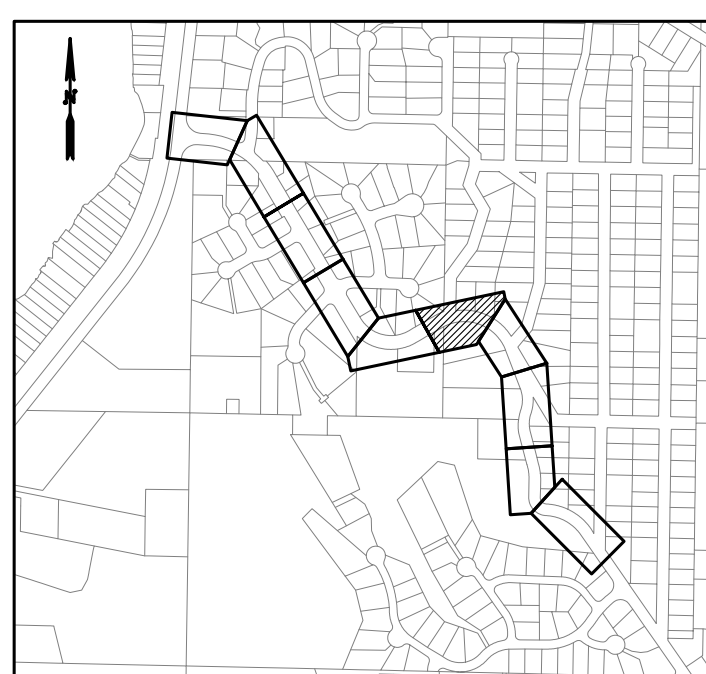
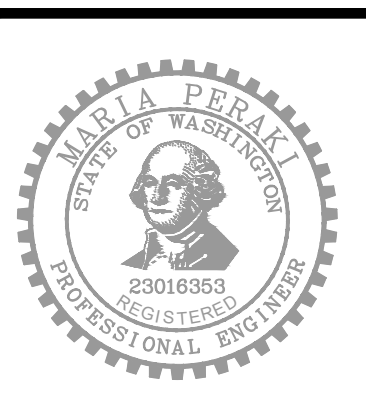
LEGEND

- | | | | |
|---------|---|--|--|
| --- | PERMANENT EASEMENT | | ROADWAY EXCAVATION INCLUDING HAUL |
| - - - | TEMPORARY EASEMENT | | PLANE PRIOR TO OVERLAY. CONTRACTOR TO FIELD VERIFY PLANNING DEPTH. |
| ~ ~ ~ | REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE | | REMOVE TREE |
| — HVF — | HIGH VISIBILITY FENCE | | INLET PROTECTION |
| — * — | HIGH VISIBILITY SILT FENCE | | CONTROL POINT. SEE SHEET 17 FOR CONTROL POINT TABLE |
| — — — | REMOVE CURB | | |
| | STRUCTURE EXCAVATION CLASS B INCLUDING HAUL | | |

100% SUBMITTAL (NOT FOR CONSTRUCTION)



Know what's below.
Call before you dig.



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

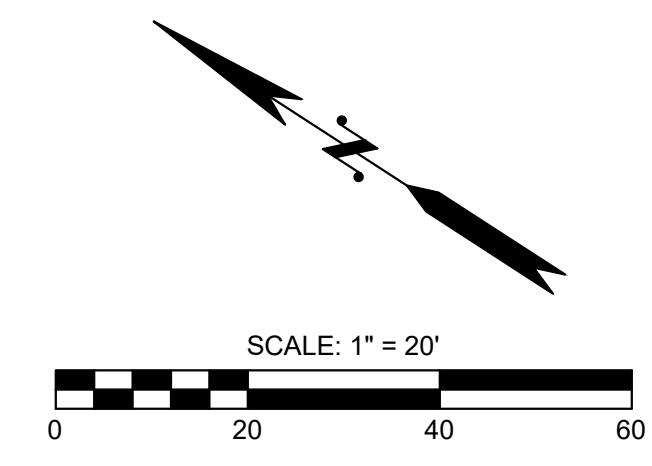


NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A	ER06	SHEET 12 of 102



GENERAL NOTES:

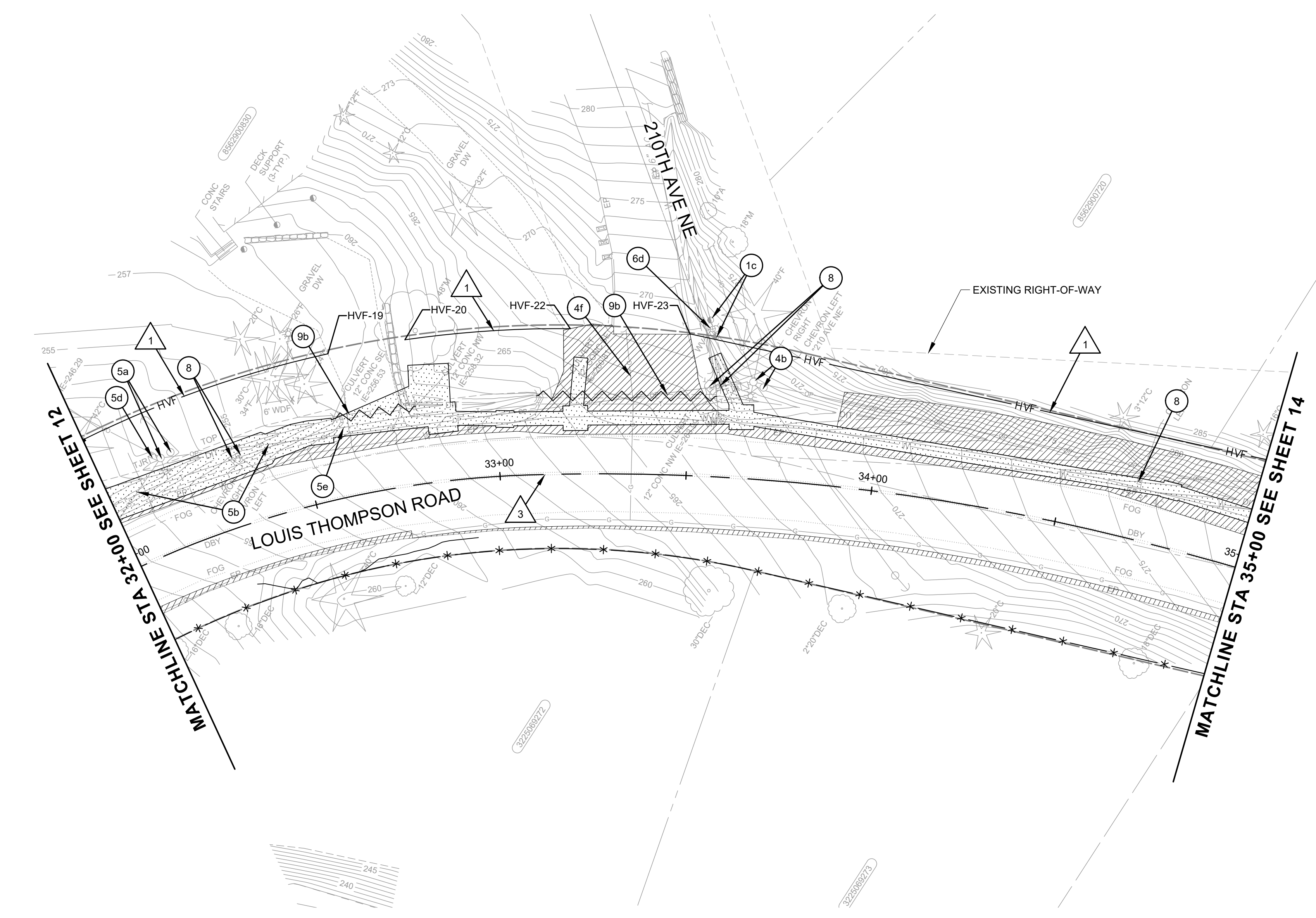
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EROSION CONTROL NOTES:

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.10/I-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:

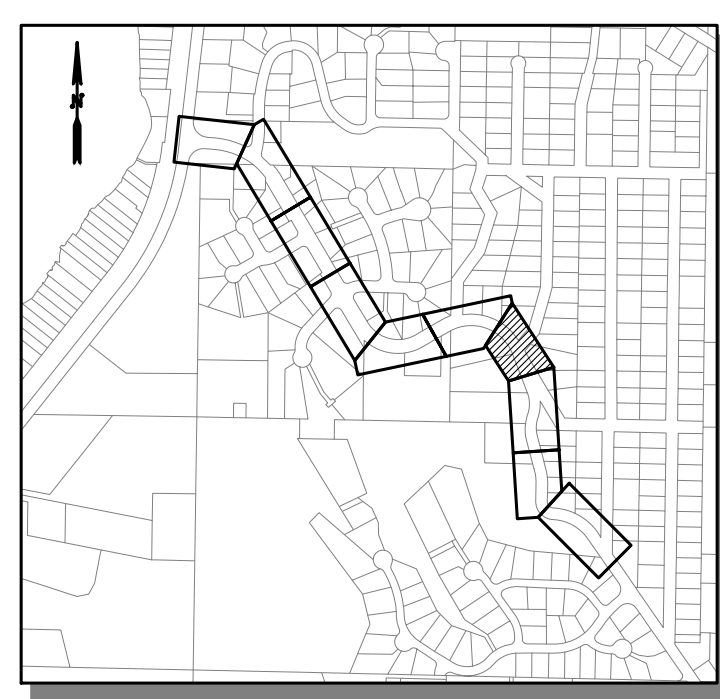
1. REMOVAL OF STRUCTURES AND OBSTRUCTIONS
 - a. REMOVE EXISTING CONCRETE BARRIER (FULL LENGTH) AT THIS VICINITY.
 - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
 - c. REMOVE BOLLARD.
 - d. REMOVE TIMBER LANDSCAPING WALL.
 - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 53 FOR NEW LOCATION.
 - f. REMOVE EXISTING FENCE.
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9. REMOVE
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LEGEND

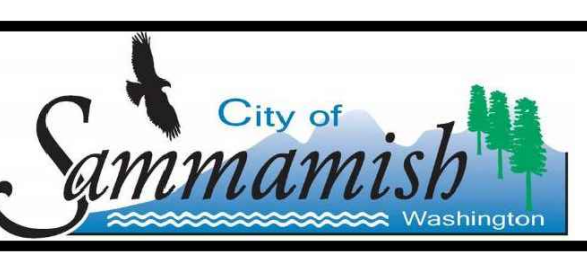
- | | | | |
|--|---|--|---|
| | PERMANENT EASEMENT | | ROADWAY EXCAVATION INCLUDING HAUL |
| | TEMPORARY EASEMENT | | PLANE PRIOR TO OVERLAY. CONTRACTOR TO FIELD VERIFY PLANING DEPTH. |
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100% SUBMITTAL (NOT FOR CONSTRUCTION)



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

NO.	DATE	REVISION	BY

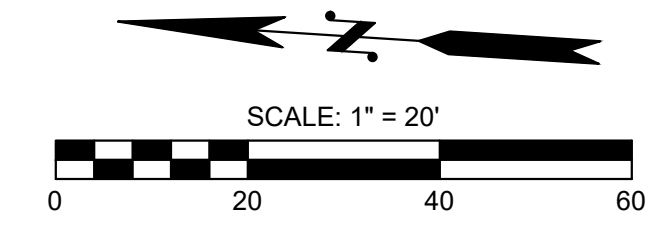


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
EROSION CONTROL AND SITE PREPARATION PLAN

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A	PROJECT	ER07
		SHEET	13 of 102



FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\LAURA TURNDIGE\DWG\10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:38 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

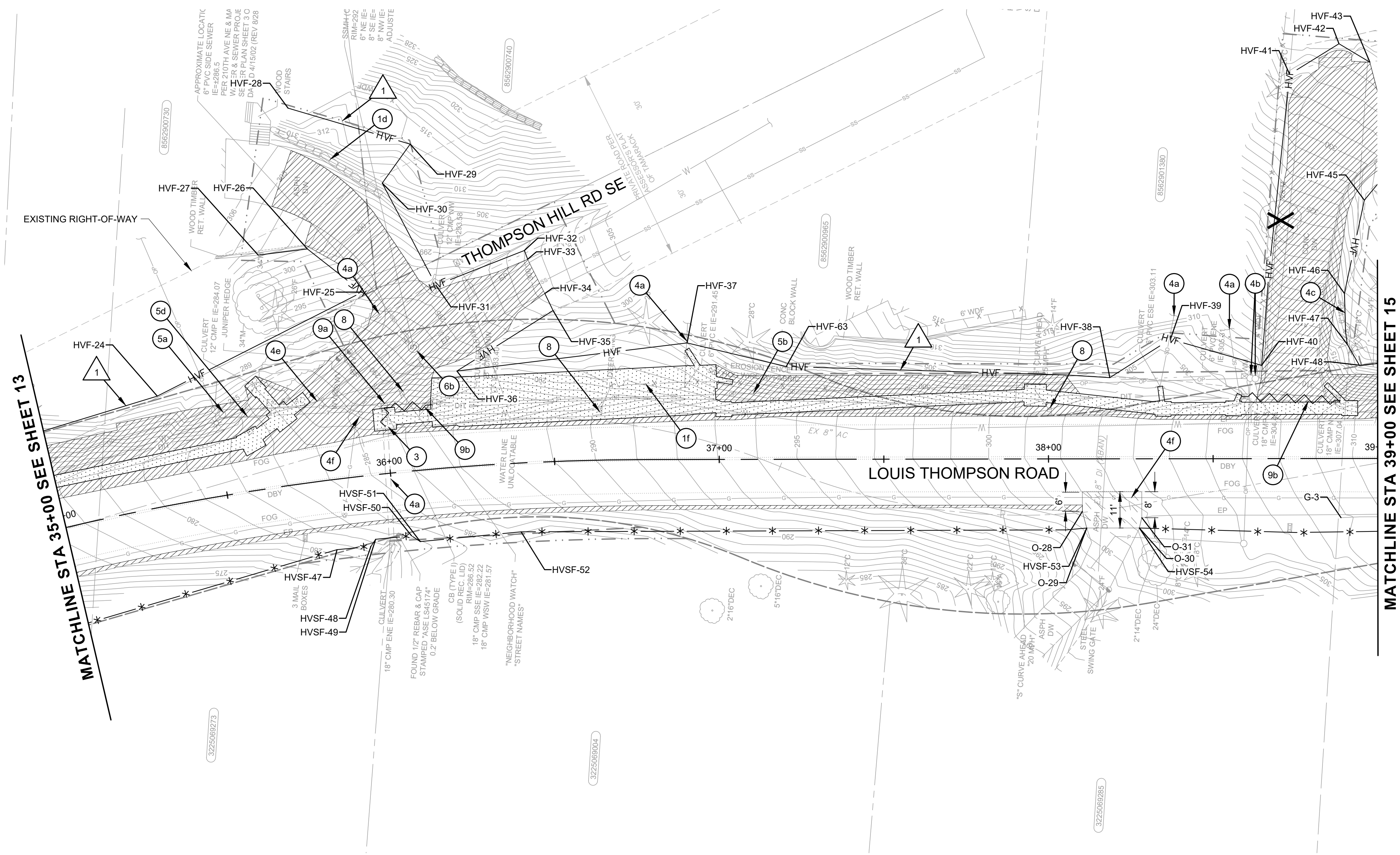
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EROSION CONTROL NOTES:

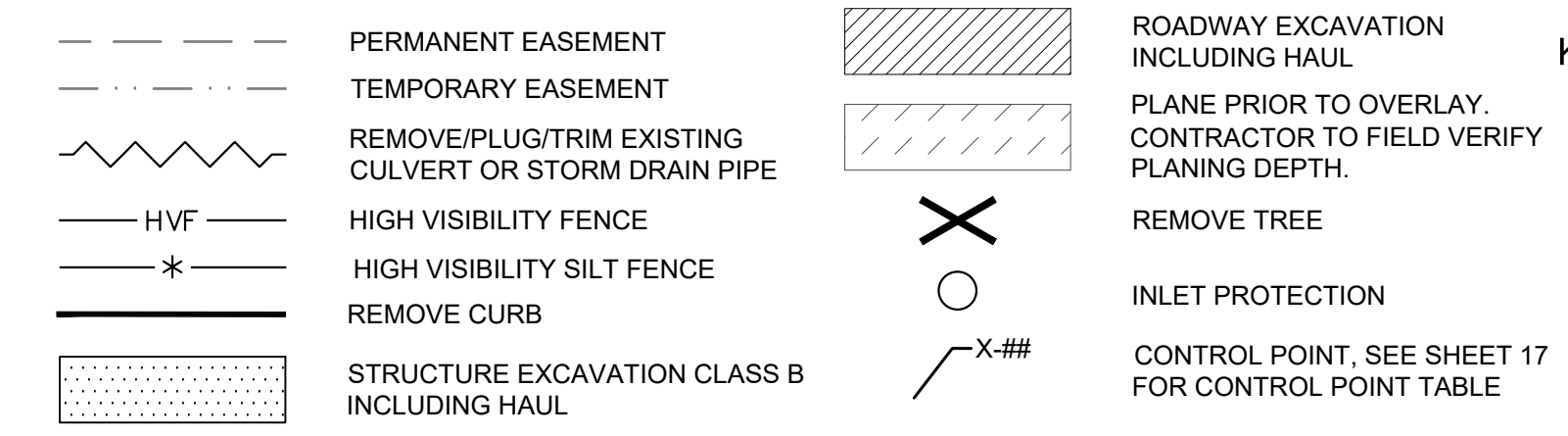
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3. REDIRECT RUNOFF FROM WORK ZONE ALONG ROADWAY SUPER ELEVATION.

SITE PREPARATION NOTES:

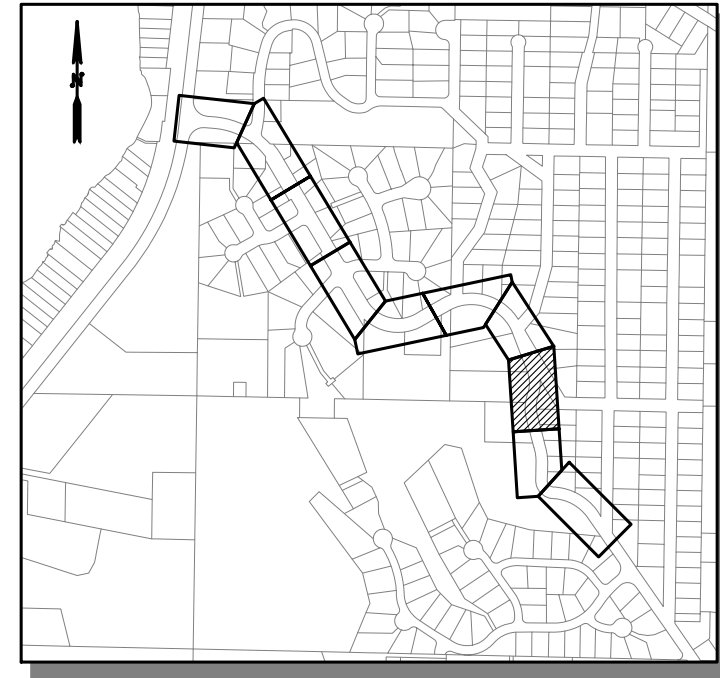
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 - b. REMOVE AND RESET SOLAR LIGHTS WITHIN DRIVEWAYS.
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 - e. REMOVE AND RELOCATE MAILBOX. SEE SHEET 53 FOR NEW LOCATION.
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LEGEND

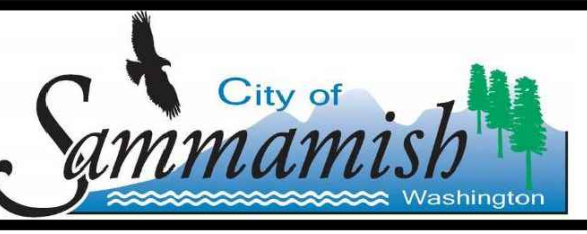


100% SUBMITTAL (NOT FOR CONSTRUCTION)



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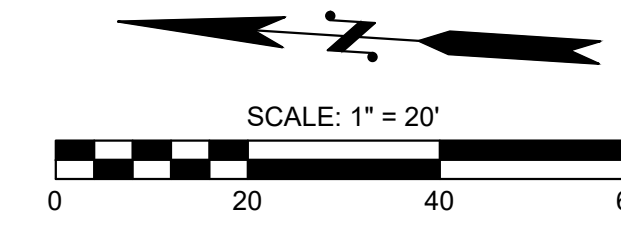
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A		
			ER08
			SHEET 14 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW.BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:38 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

1. LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS WITHIN THE PROJECT LIMITS, INCLUDING SERVICE LINES WITHIN PRIVATE PROPERTIES AND DRIVEWAYS.
2. PRESERVE AND PROTECT ANY EXISTING FEATURES TO REMAIN WITHIN THE PROJECT LIMITS.
3. ADJUST ALL SURFACE UTILITIES AND MONUMENTS WITHIN THE PAVING AREA TO GRADE AFTER OVERLAY. FOR OVERLAY LIMITS SEE SHEETS 46-55.
4. 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.
5. 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.
6. PROTECT EXISTING TREE WITHIN THE WORK AREA, UNLESS SHOWN AS TO BE REMOVED IN SHEETS 7-16 AND WITHIN 5 FEET FROM THE WORK LIMITS IN ACCORDANCE WITH SHEET 17 DETAIL 1 OR 2 AS FEASIBLE TO PERFORM WORK.
7. INLET PROTECTION MEASURES MUST BE INSTALLED ON PROPOSED STORM DRAINAGE STRUCTURES WHICH RECEIVE CONSTRUCTION STORMWATER RUNOFF.
8. 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. THE EXISTING AC WATER MAIN WILL BE ABANDONED IN PLACE WITHIN THESE LIMITS AND ONLY BE REMOVED AT LOCATIONS WHERE IT IS CONFLICTING WITH THE PROPOSED WORK.
9. FOR ROADWAY EXCAVATION INCLUDING HAUL, SEE SHEET 44 AND DETAIL 3 SHEET 17.
10. OVERHEAD COMMUNICATION WIRES WILL BE RAISED APPROX. 20 FT FROM EXISTING GROUND AND SLACK REMOVED.

EROSION CONTROL NOTES:

1. INSTALL HIGH VISIBILITY FENCE/HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I-10.10I-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 53 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
 - j. REMOVE EXISTING CONCRETE UTILITY VAULT
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 CULVERT
 - b. EXISTING POWER POLE, RISER, CABINET
 - c. EXISTING FENCE OR RETAINING WALL
 - d. EXISTING MONUMENT
 - e. EXISTING UNDERGROUND POWER LINE
 - f. EXISTING GAS LINE
5. EXISTING UTILITY WORK BY OTHERS
 - a. POWER POLE TO BE RELOCATED BY PSE PRIOR TO CONSTRUCTION.
 - b. PSE TO DE-ENERGIZE SPAN DURING DETENTION PIPE AND SOLDIER PILE WALL CONSTRUCTION. CONTRACTOR TO COORDINATE WITH PSE FOR TIME FRAME.
 - c. COMMUNICATION LINE TO BE RELOCATED BY ZIPLY OR COMCAST DURING CONSTRUCTION.
 - d. COMMUNICATION LINE/STRUCTURE TO BE RELOCATED BY ZIPLY OR COMCAST PRIOR TO CONSTRUCTION.
 - e. EXISTING COMMUNICATION LINE TO BE ABANDONED IN PLACE.
 - f. GAS LINE TO BE RELOCATED PRIOR TO CONSTRUCTION.
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
 - e. EXISTING CATCH BASIN
7. REMOVE EXISTING GUARDRAIL, POSTS, TERMINALS, AND ANCHORS. BACKFILL POSTS AND ANCHORS TO GRADE.
8. RELOCATE EXISTING SIGN. SEE SHEETS 57-66 FOR PROPOSED LOCATION.
9. REMOVE
 - a. EXISTING DRAINAGE STRUCTURE
 - b. EXISTING CULVERT OR STORM DRAIN

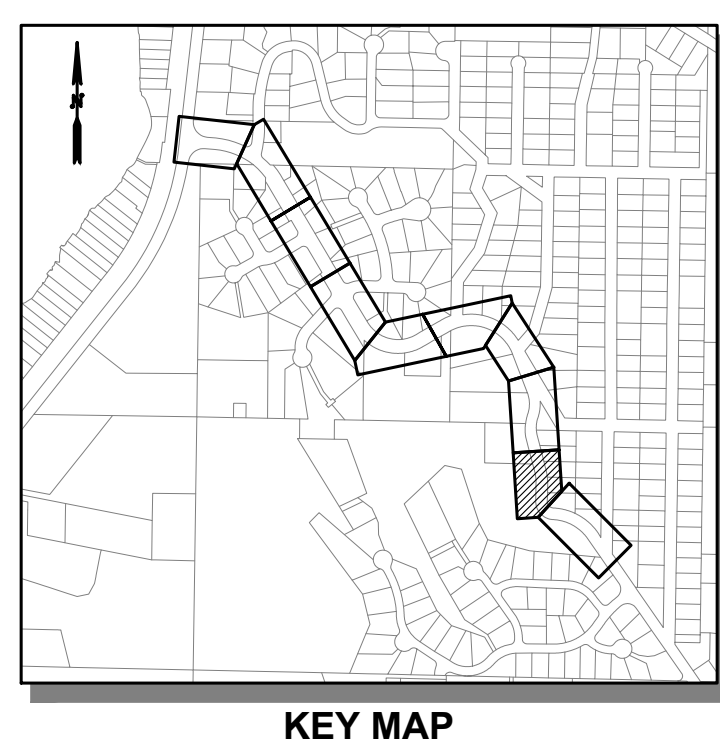
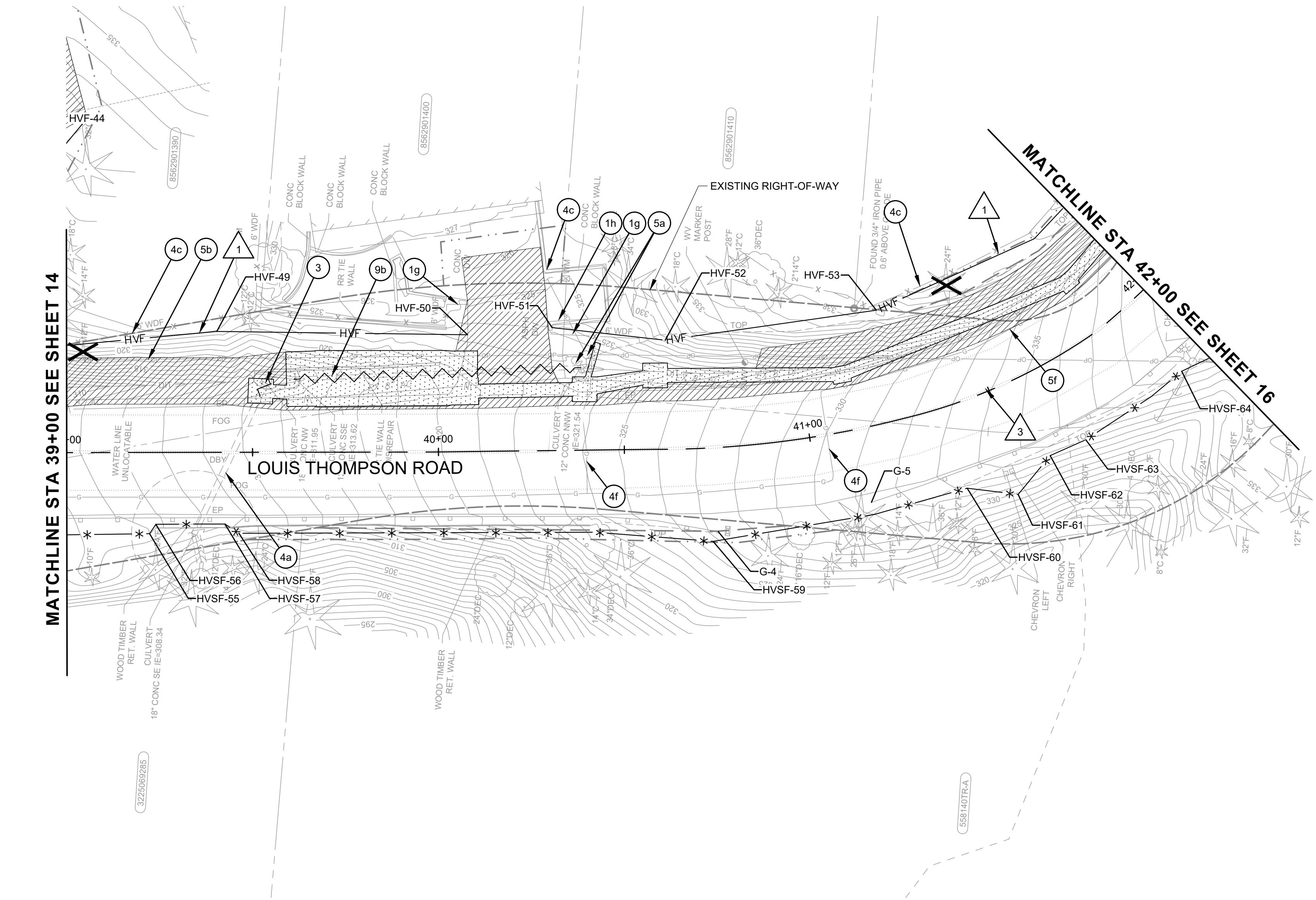
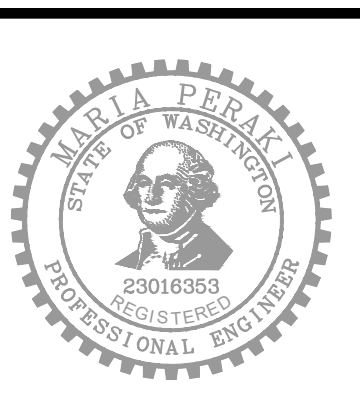
LEGEND

- | | | | |
|--|---|--|---|
| | PERMANENT EASEMENT | | ROADWAY EXCAVATION INCLUDING HAUL |
| | TEMPORARY EASEMENT | | PLANE PRIOR TO OVERLAY. CONTRACTOR TO FIELD VERIFY PLANING DEPTH. |
| | REMOVE/PLUG/TRIM EXISTING CULVERT OR STORM DRAIN PIPE | | REMOVE TREE |
| | HVF | | INLET PROTECTION |
| | HIGH VISIBILITY SILT FENCE | | CONTROL POINT. SEE SHEET 17 FOR CONTROL POINT TABLE |
| | REMOVE CURB | | |
| | STRUCTURE EXCAVATION CLASS B INCLUDING HAUL | | |

100% SUBMITTAL (NOT FOR CONSTRUCTION)



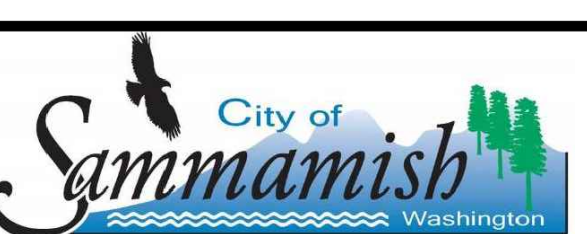
Know what's below.
Call before you dig.



DESIGNED BY
MP
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CHECKED BY
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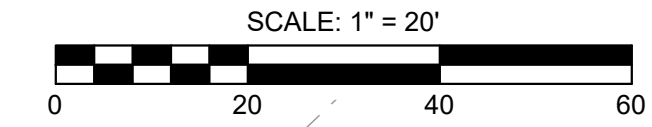
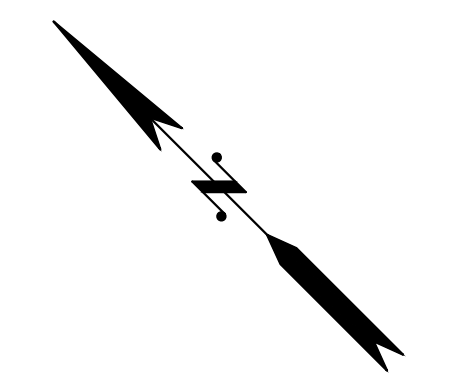
Osborn Consulting

NO.	DATE	REVISION	BY



LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH	JOB# / DWG	10-210058	DATE	01/29/2024
	SCALE	H: 1"=20' V: N/A	ER09	
EROSION CONTROL AND SITE PREPARATION PLAN				SHEET 15 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW.BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\265661P_10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:38 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

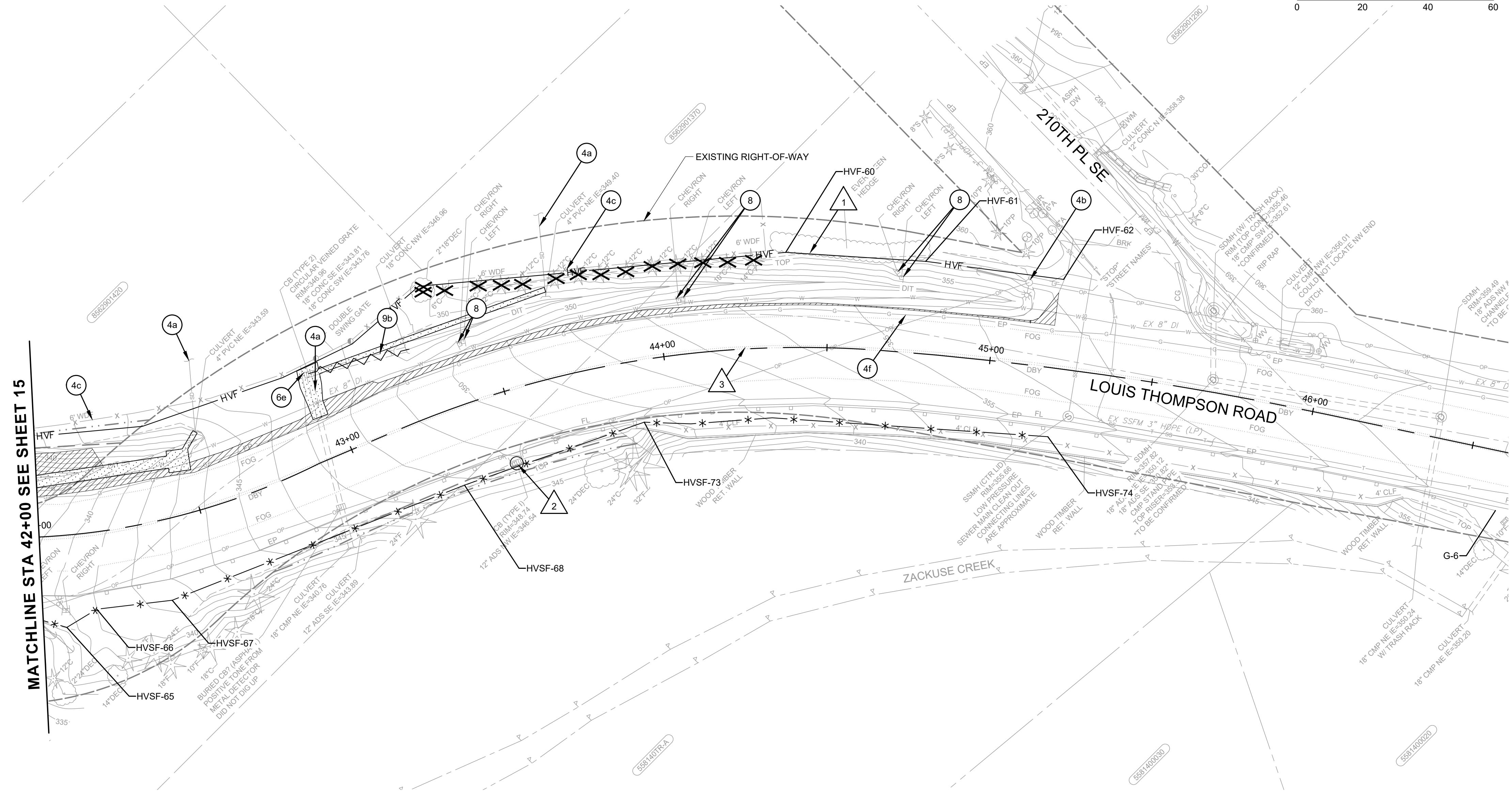
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MATCHLINE STA 42+00 SEE SHEET 15

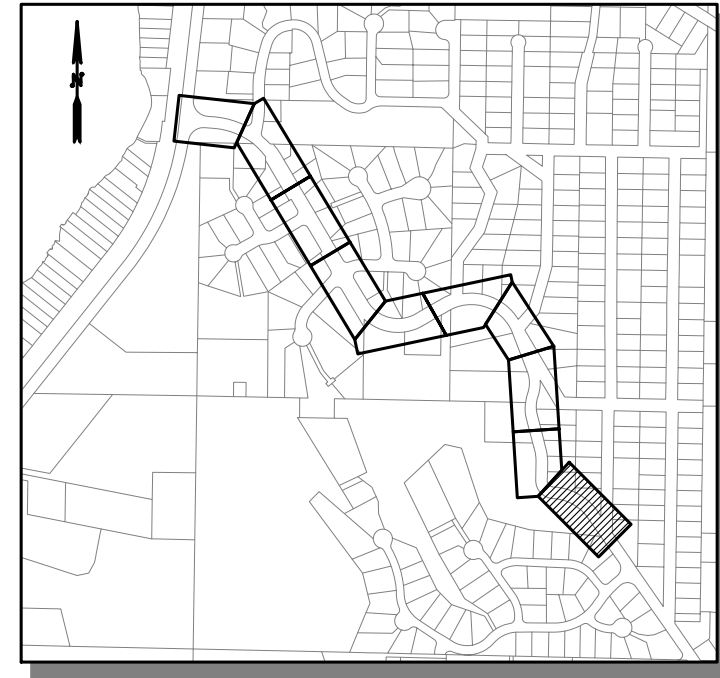
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|--|---|--|--|
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| | REMOVE CURB | | |
| | STRUCTURE EXCAVATION CLASS B INCLUDING HAUL | | |

100% SUBMITTAL (NOT FOR CONSTRUCTION)

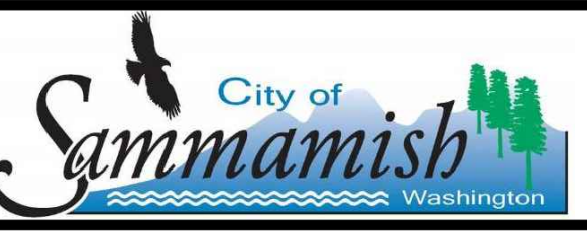


Know what's below.
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MP
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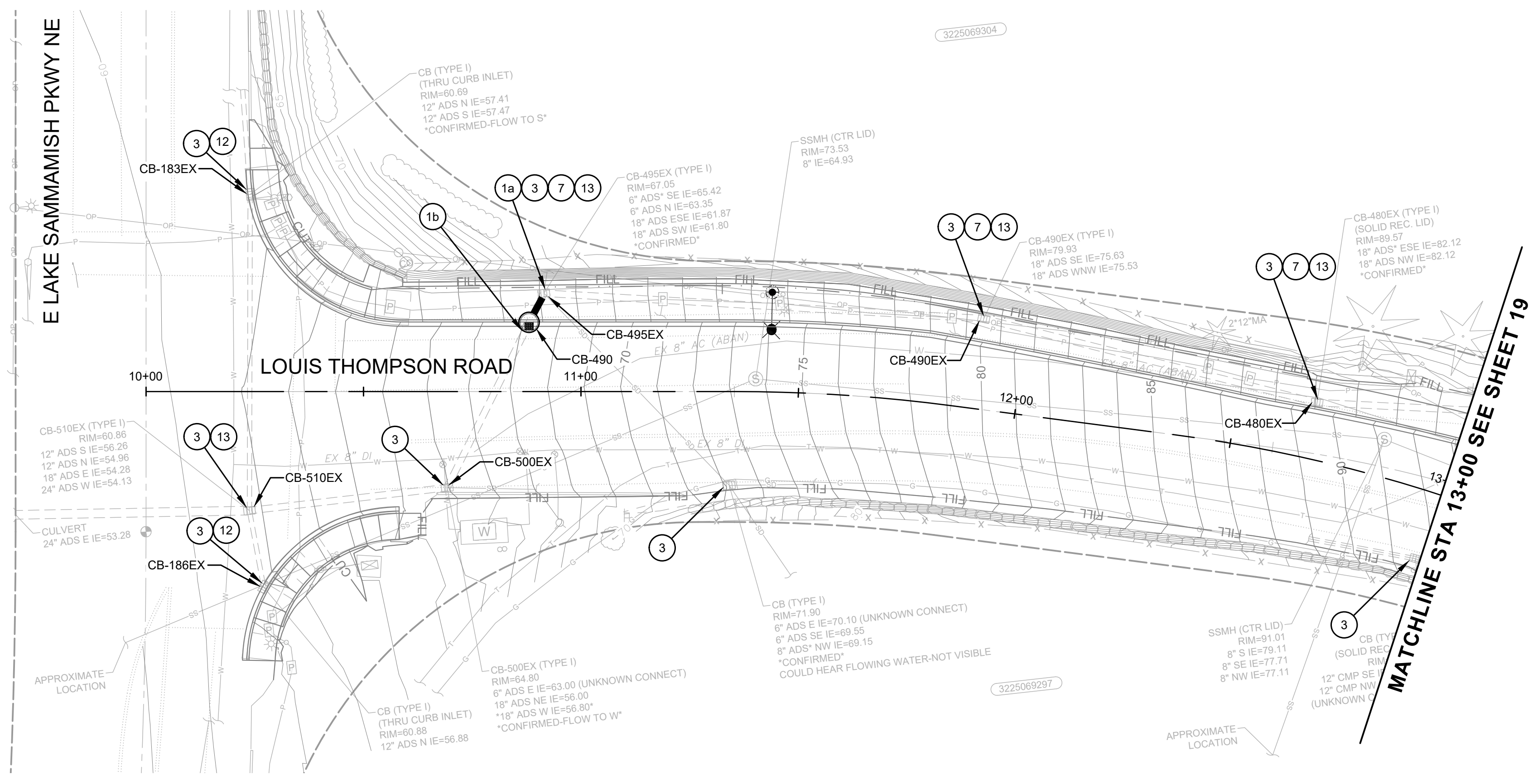
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A		
			ER10
			SHEET 16 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\DWG\10-210058_TESC.DWG
PLOT TIME: 1/29/2024 12:38 PM
USER NAME: LAURA TURNDIGE



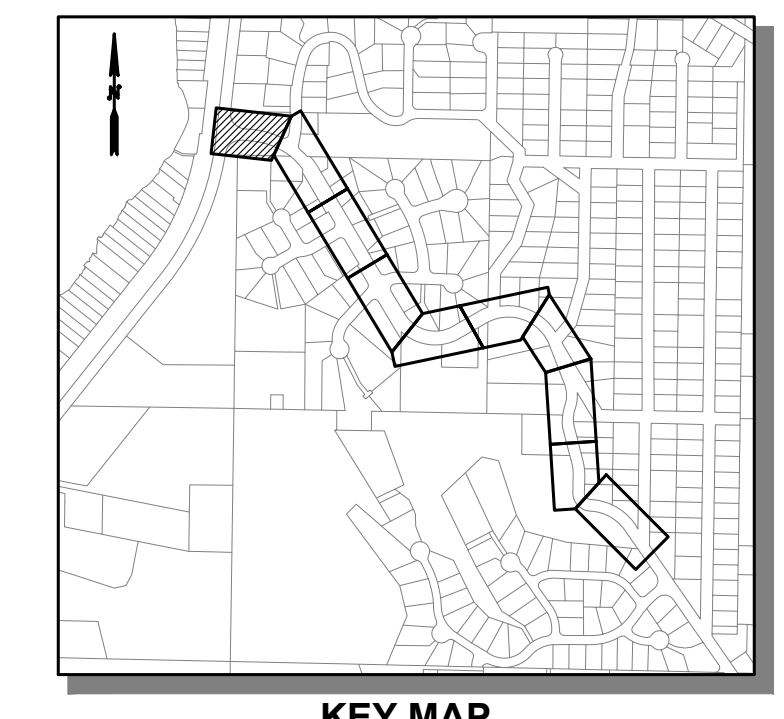
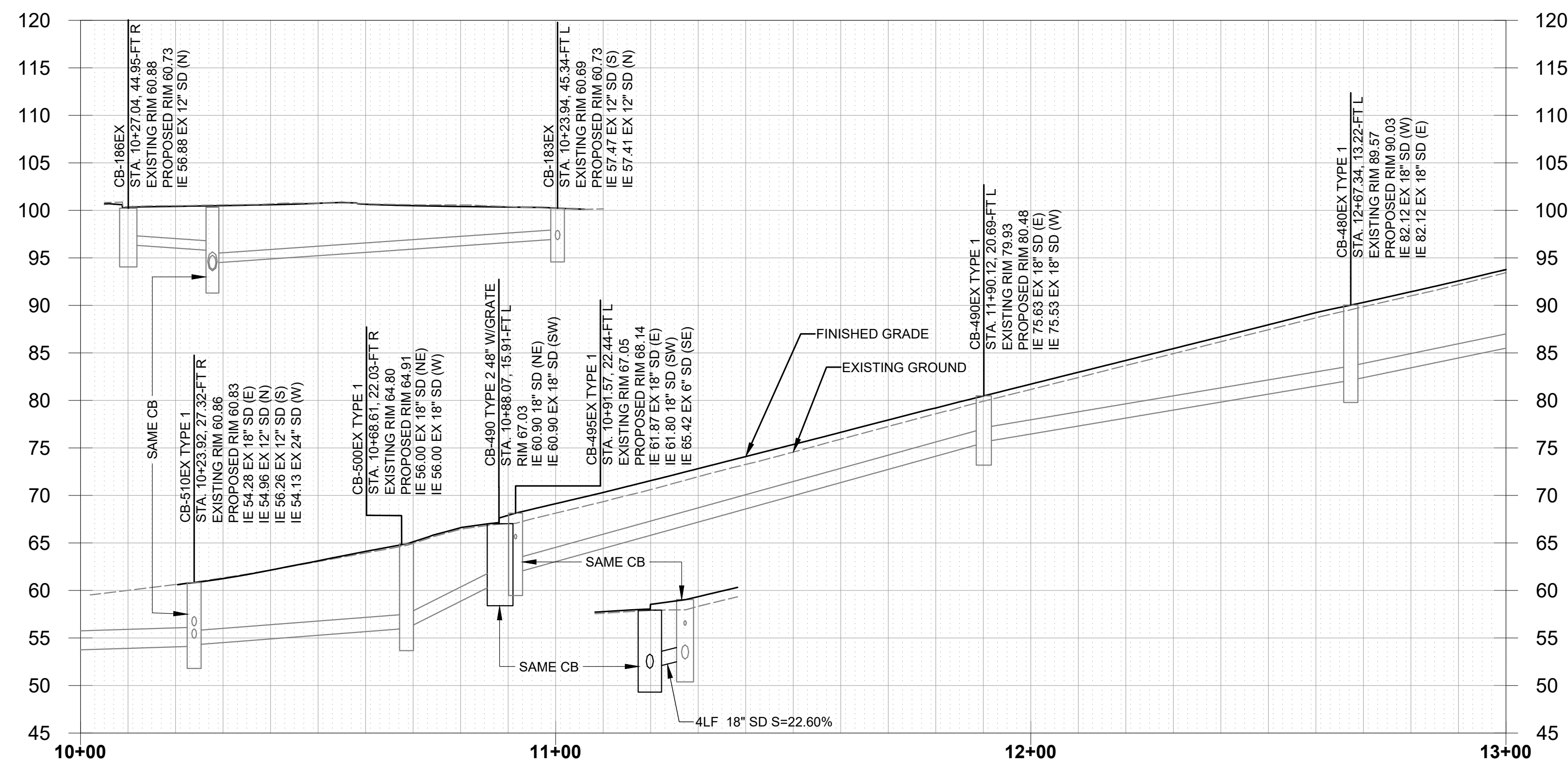
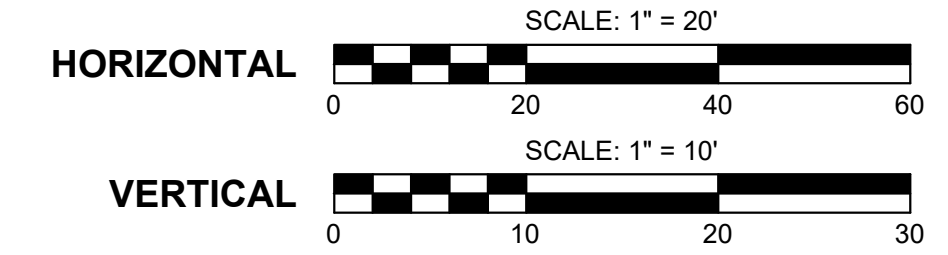
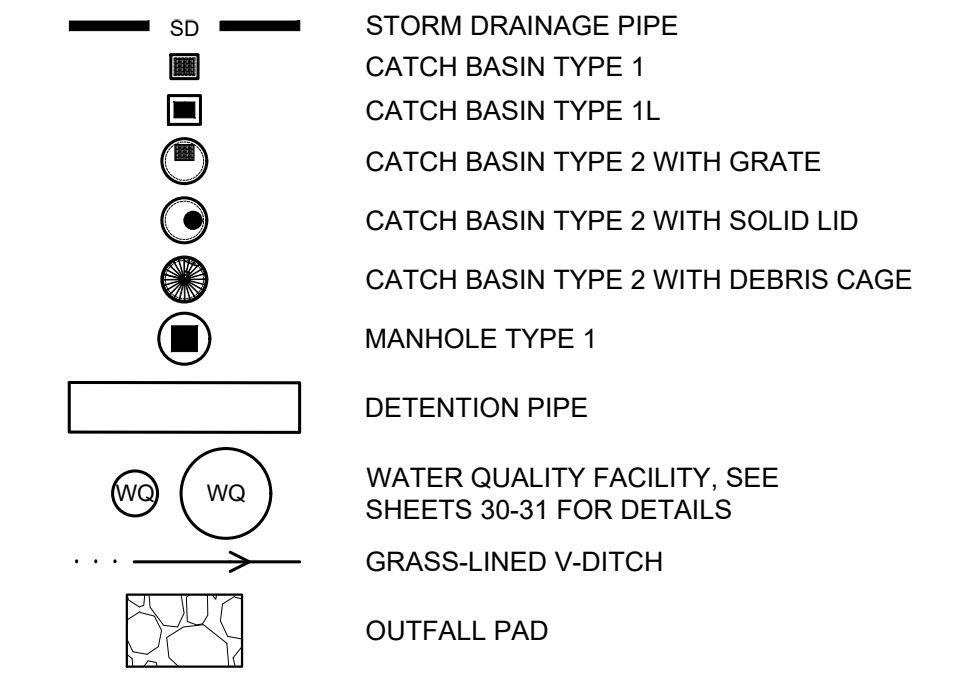
GENERAL NOTES:

- CONTRACTOR SHALL VERIFY/CONFIRM THE ACCURACY OF UTILITY LOCATIONS SHOWN AND OTHER UTILITIES.
- ALL DRAINAGE STRUCTURES ARE LOCATED BY STATION AND OFFSET TO THE CENTER OF THE STRUCTURE IN THESE SHEETS. SEE SHEET 29 FOR ELEVATION AT THE CENTER OF LID OR GRATE.
- THE ROADWAY CENTERLINE STATIONING IS USED FOR THE PROFILES. EXISTING AND PROPOSED SURFACES ARE SHOWN ON TOP OF THE STORM PIPE NETWORK.
- FOR SITE PREPARATION, SEE SHEETS 7-16.
- FOR RETAINING WALLS, SIDEWALKS, DRIVEWAYS AND OTHER NON-MOTORIZED IMPROVEMENTS, SEE SHEETS 46-55.
- LOCATION OF UTILITY CROSSINGS SHOWN ON PROFILES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL UTILITY CROSSING LOCATIONS AND DEPTHS PRIOR TO EXCAVATION ACTIVITIES, INCLUDING SERVICE LINES WITHIN PRIVATE DRIVEWAYS.
- 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. PROPOSED WATER MAIN AND ASSOCIATED ELEMENTS ARE SHOWN FOR REFERENCE IN THESE SHEETS.

CONSTRUCTION NOTES:

- CONNECTION TO DRAINAGE STRUCTURE
 - CONNECTION TO EXISTING STRUCTURE
 - CONNECT EXISTING PIPE TO PROPOSED STRUCTURE
- CONSTRUCT OUTFALL PAD PER DETAIL 1 ON SHEET 33.
- ADJUST EXISTING DRAINAGE STRUCTURE RIM TO GRADE.
- INSTALL COMBINATION INLET PER WSDOT STANDARD PLAN B-25.20.
- INSTALL DEBRIS CAGE ON CATCH BASIN TYPE 2 PER DETAIL 2 ON SHEET 32.
- INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
- INSTALL COMPOSITE SOLID LID WITH SLIP RESISTANT FINISH.
- CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. MINIMUM PIPE COVER PER MANUFACTURER'S RECOMMENDATION. INSTALL PIPE REDUCER AND COUPLER TO MATCH EXISTING PIPE. FIELD VERIFY LOCATION.
- INSTALL CLEANOUT AT NEW PIPE CONNECTION TO OFFSITE LATERAL PER WSDOT STANDARD PLAN B-85.40.
- CONNECT OFFSITE LATERAL TO CATCH BASIN.
- DITCH MAINTENANCE.
- REPLACE EXISTING GRATE WITH RECTANGULAR BI-DIRECTIONAL VANED GRATE.
- REPLACE EXISTING GRATE WITH RECTANGULAR SOLID METAL COVER.
- INSTALL BEVELED END PIPE SECTION WITH PIPE END TRASH RACK PER C.O.S FIG 7-01 AND FIG 7-02.
- INSTALL DETENTION PIPE FLOW RESTRICTOR PER DETAIL 2 SHEET 28.
- INSTALL FLOW SPLITTER WITH RISER SYSTEM PER DETAIL 1 SHEET 32.
- INSTALL DETENTION PIPE ACCESS PER DETAIL 1 SHEET 28. ACCESS LOCATED BY STATION AND OFFSET TO THE CENTER OF THE RISER.
- CONNECT WALL UNDERDRAIN TO PROPOSED STRUCTURE.
- CONSTRUCT GRASS-LINED V-DITCH PER DETAIL 2 SHEET 33.
- CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 33.
- INSTALL DETENTION PIPE FLOW RESTRICTOR (BAFFLE) PER DETAIL 1 SHEET 29.
- INSTALL DETENTION PIPE AIR VENT PER DETAIL 3 ON SHEET 28.

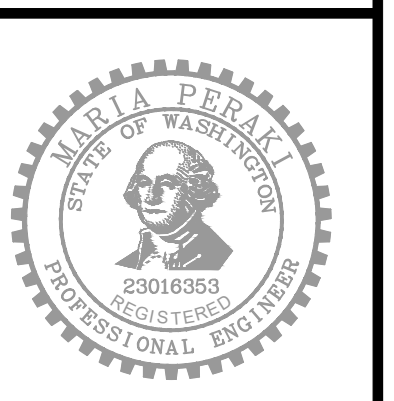
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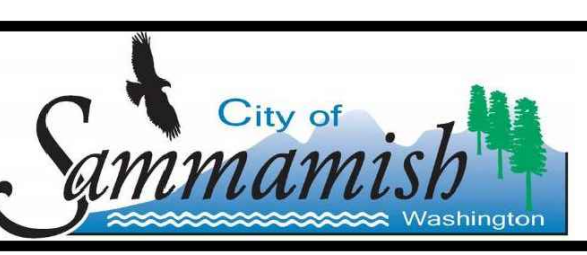


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DESIGNED BY: MP
 DRAWN BY: LT/LO/FJ
 CHECKED BY: LR

NO.	DATE	REVISION	BY



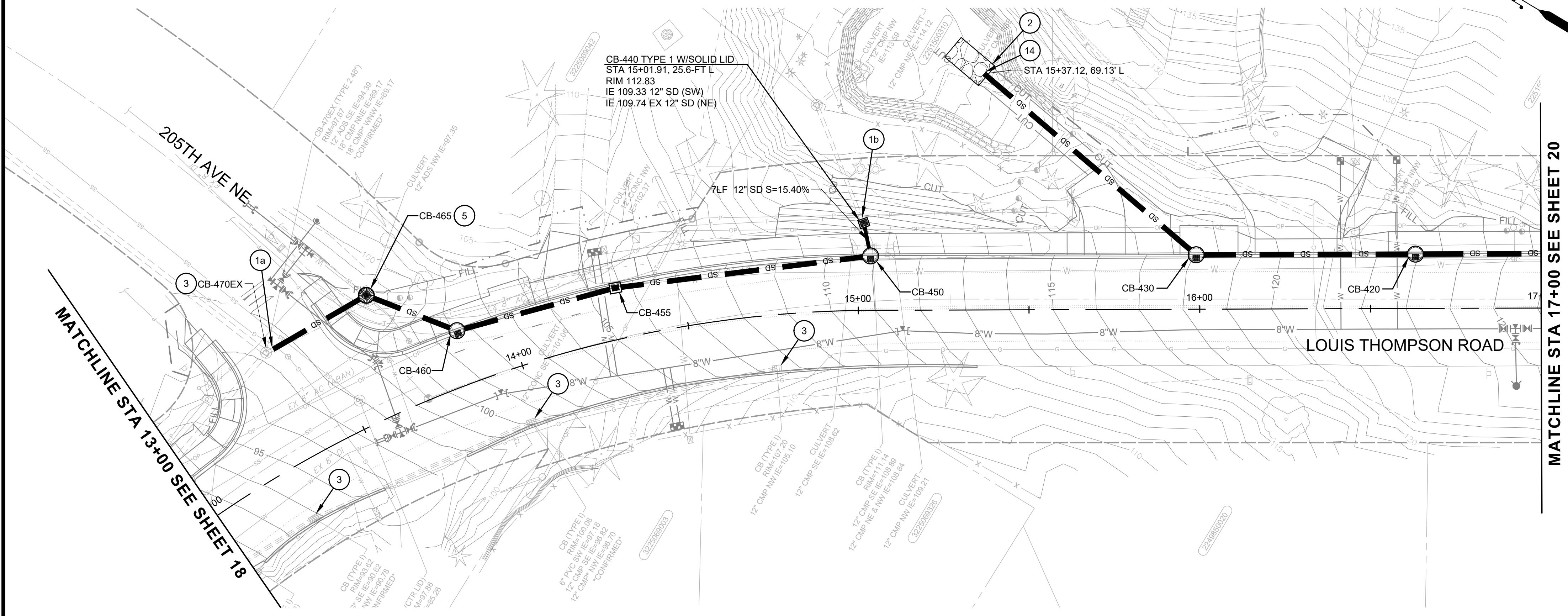
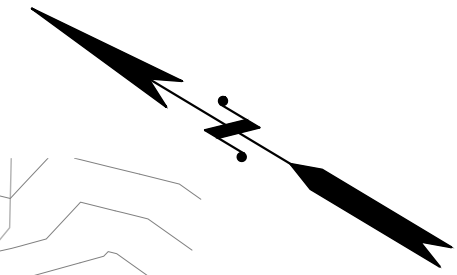
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH

STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058
 DATE: 01/29/2024

SCALE: H: 1"=20' V: 1"=10'
 DR01
 SHEET 18 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROS\BORNCORNCONSULTING-PW-BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P_10-210058_STRM.DWG
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 USER NAME: LAURA TURNDIGE



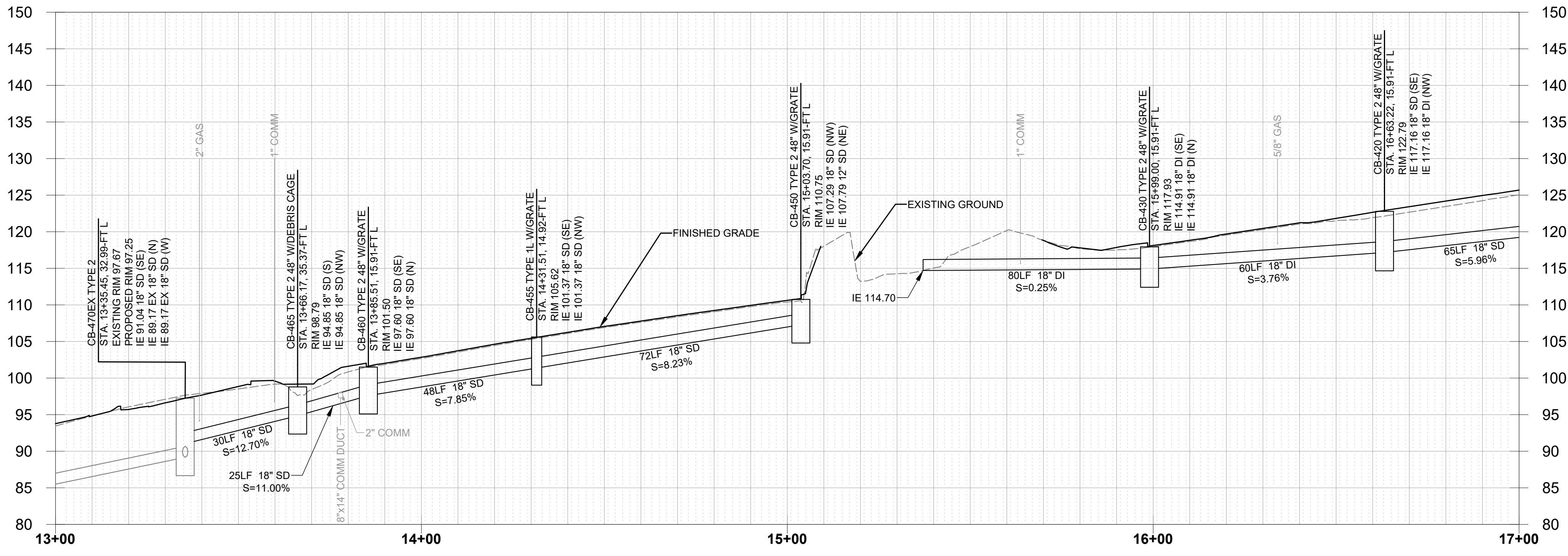
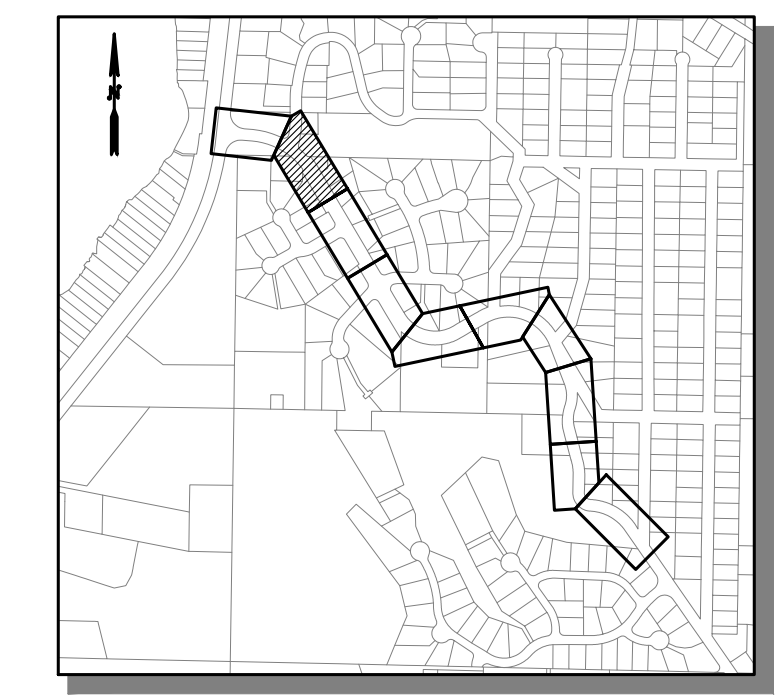
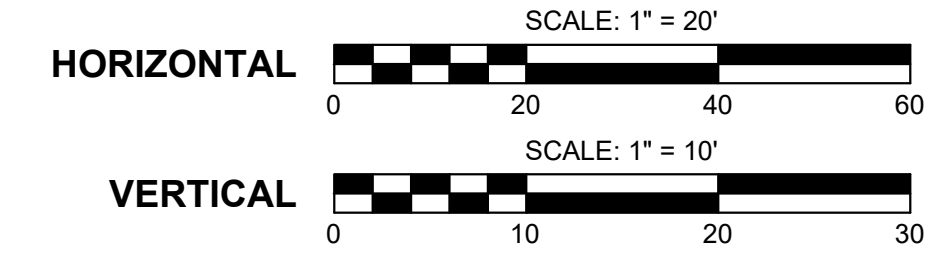
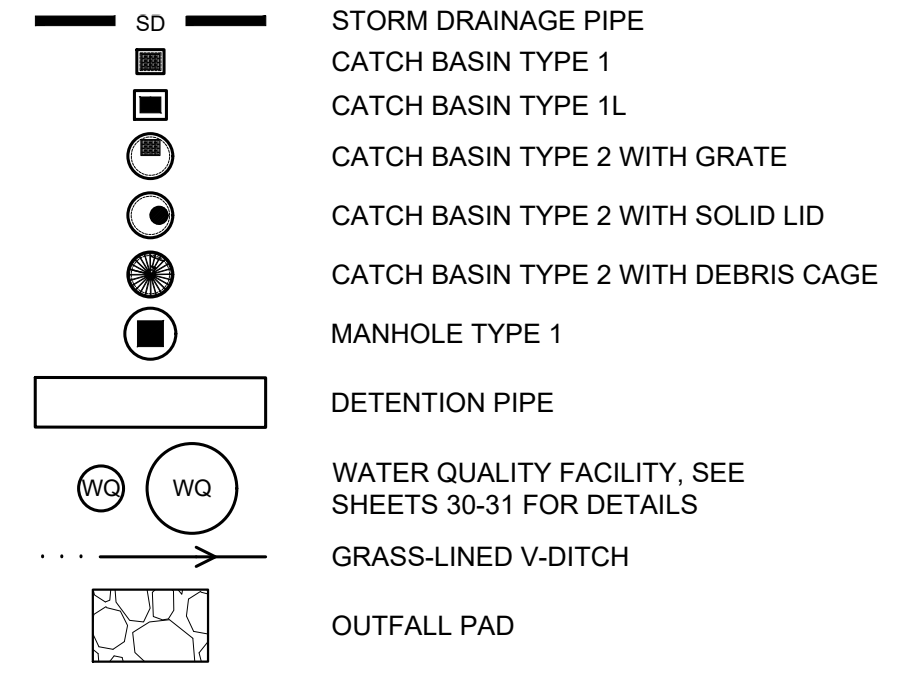
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5. INSTALL DEBRIS CAGE ON CATCH BASIN TYPE 2 PER DETAIL 2 ON SHEET 32.
6. INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
7. INSTALL COMPOSITE SOLID LID WITH SLIP RESISTANT FINISH.
8. CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. MINIMUM PIPE COVER PER MANUFACTURER'S RECOMMENDATION. INSTALL PIPE REDUCER AND COUPLER TO MATCH EXISTING PIPE. FIELD VERIFY LOCATION.
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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 32.
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. CONSTRUCT GRASS-LINED V-DITCH PER DETAIL 2 SHEET 33.
20. CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 33.
21. INSTALL DETENTION PIPE FLOW RESTRICTOR (BAFFLE) PER DETAIL 1 SHEET 29.
22. INSTALL DETENTION PIPE AIR VENT PER DETAIL 3 ON SHEET 28.

LEGEND

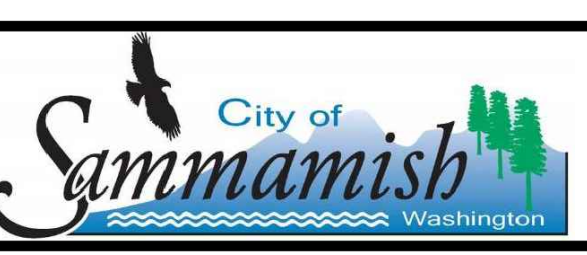


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PLOT TIME: 1/26/2024 12:39 PM
USER NAME: LAURA TURINDGE

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

NO.	DATE	REVISION	BY

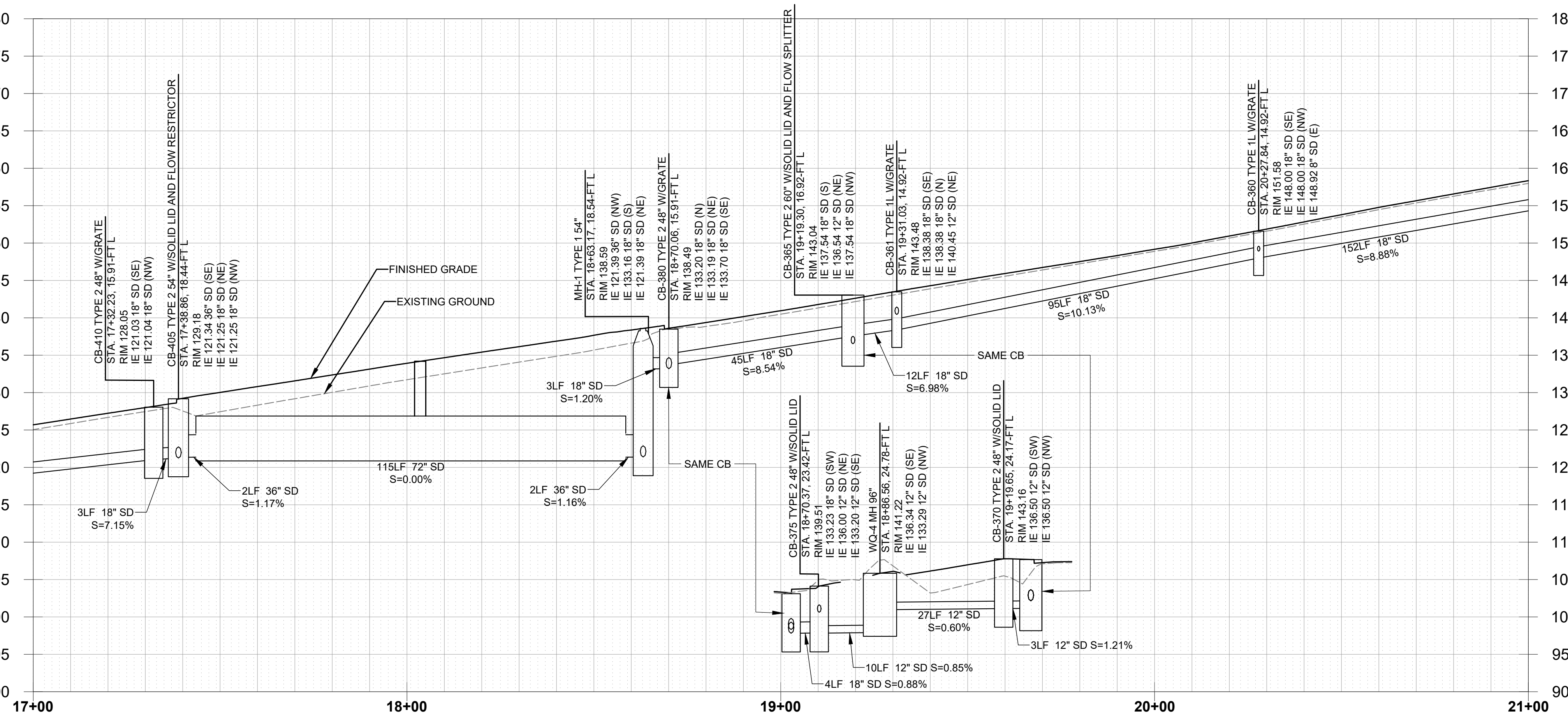
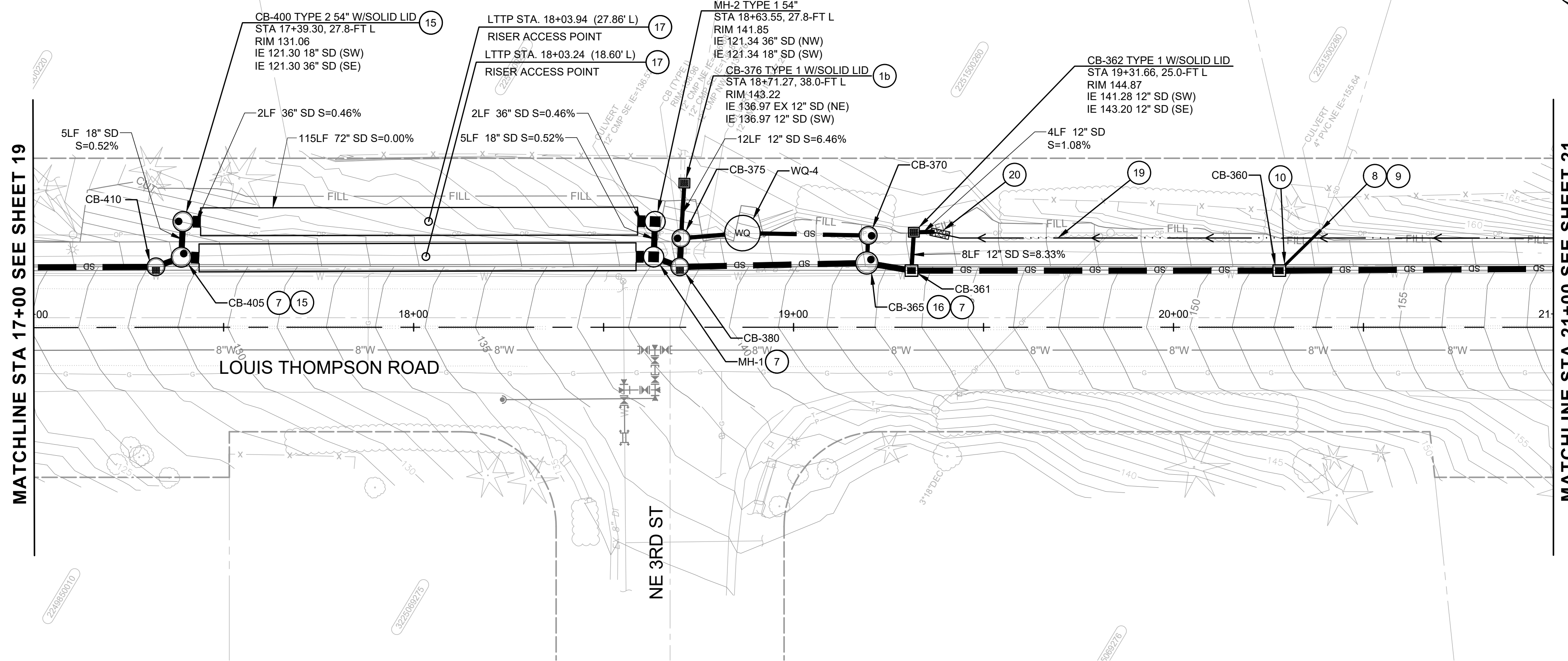
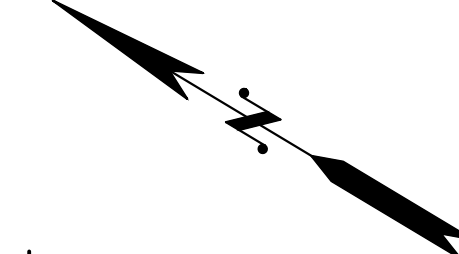


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH

STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058
SCALE: H: 1"=20' V: 1"=10'
DATE: 01/29/2024
DR02
SHEET 19 of 102

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



GENERAL NOTES:

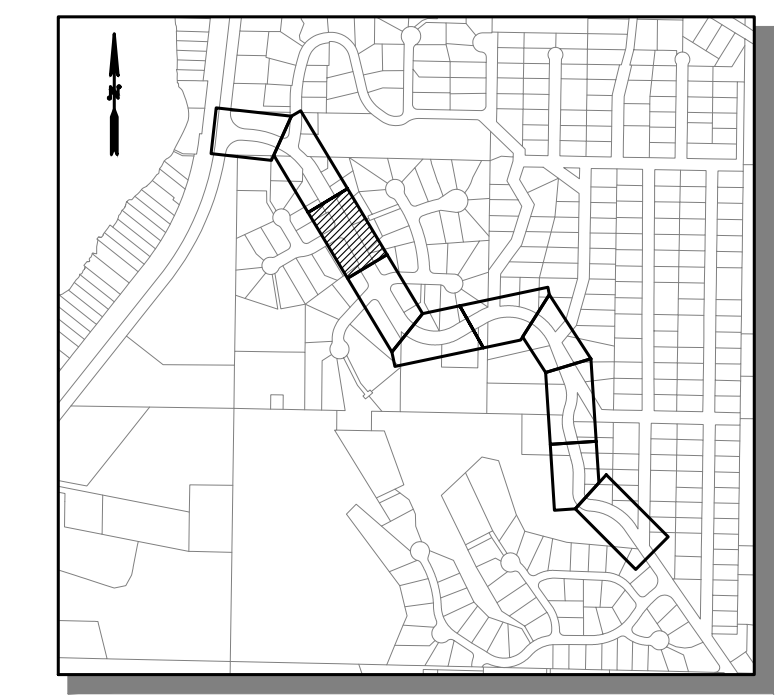
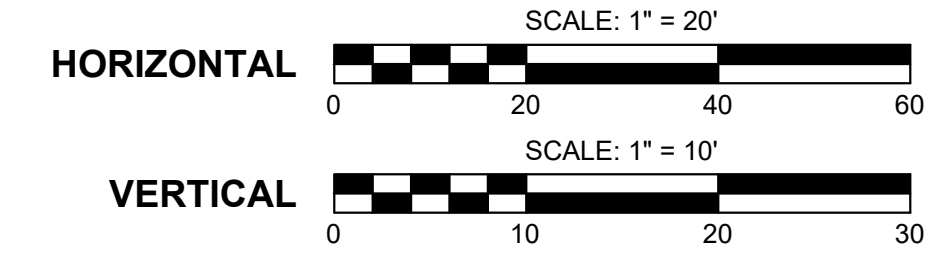
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- FOR SITE PREPARATION, SEE SHEETS 7-16.
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CONSTRUCTION NOTES:

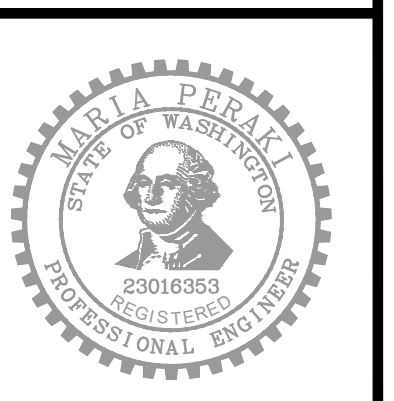
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 - CONNECTION TO EXISTING STRUCTURE
 - CONNECT EXISTING PIPE TO PROPOSED STRUCTURE
- CONSTRUCT OUTFALL PAD PER DETAIL 1 ON SHEET 33.
- ADJUST EXISTING DRAINAGE STRUCTURE RIM TO GRADE.
- INSTALL COMBINATION INLET PER WSDOT STANDARD PLAN B-25.20.
- INSTALL DEBRIS CAGE ON CATCH BASIN TYPE 2 PER DETAIL 2 ON SHEET 32.
- INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
- INSTALL COMPOSITE SOLID LID WITH SLIP RESISTANT FINISH.
- CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. MINIMUM PIPE COVER PER MANUFACTURER'S RECOMMENDATION. INSTALL PIPE REDUCER AND COUPLER TO MATCH EXISTING PIPE. FIELD VERIFY LOCATION.
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- INSTALL DETENTION PIPE AIR VENT PER DETAIL 3 ON SHEET 28.

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 30-31 FOR DETAILS
- GRASS-LINED V-DITCH
- OUTFALL PAD

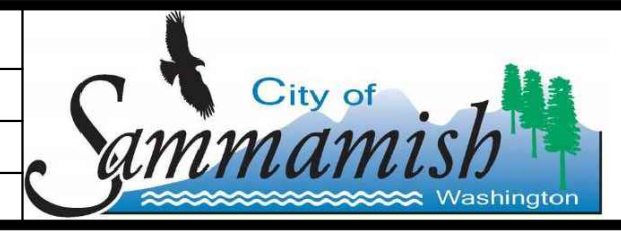


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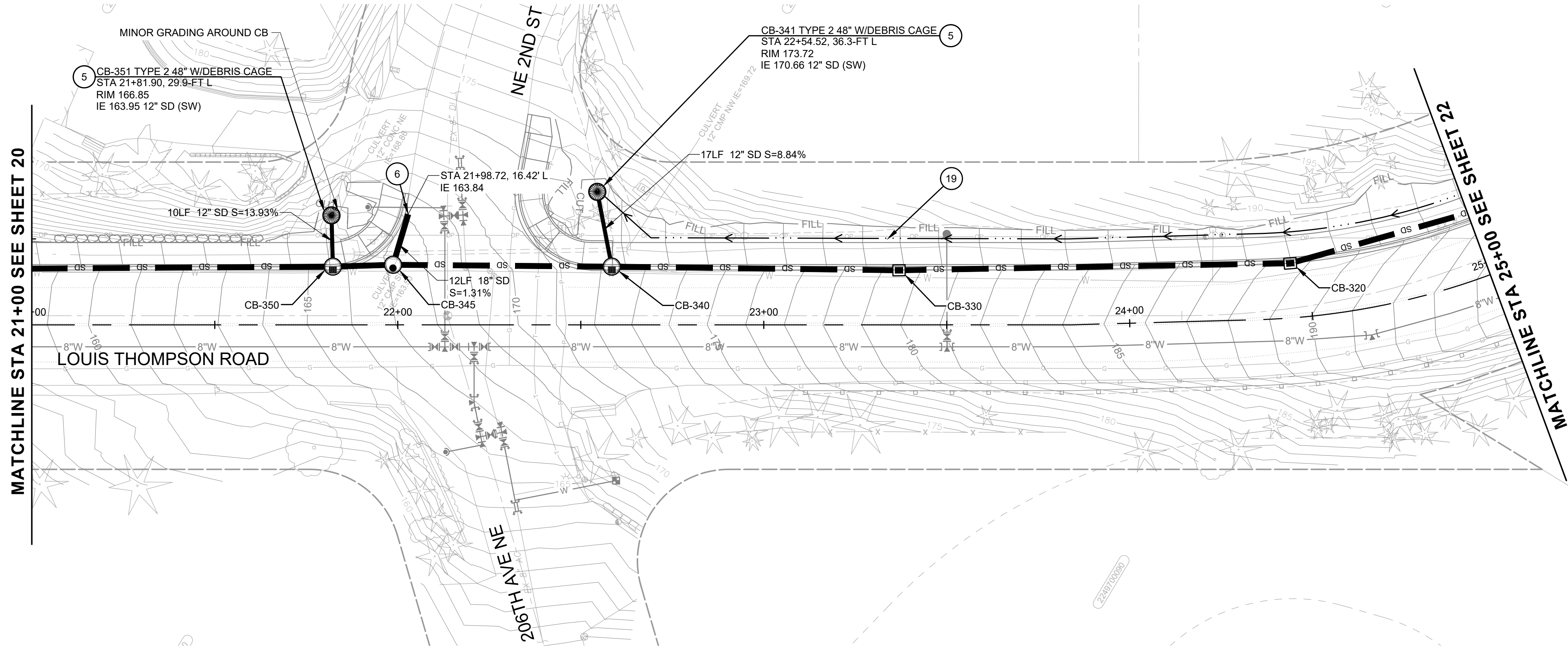
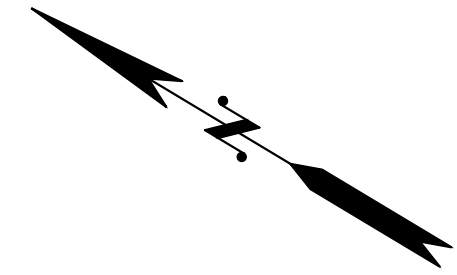


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: 1"=10'	DR03	SHEET 20 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW-BENTLEY.COM_OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_STRM.DWG
PLOT TIME: 1/26/2024 12:39 PM
USER NAME: LAURA TURNIDGE

NO.	DATE	REVISION	BY



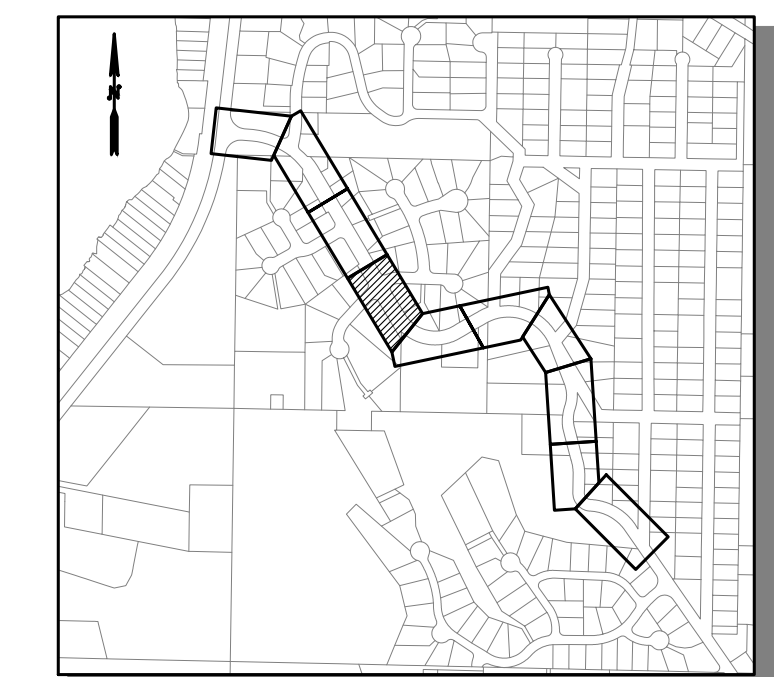
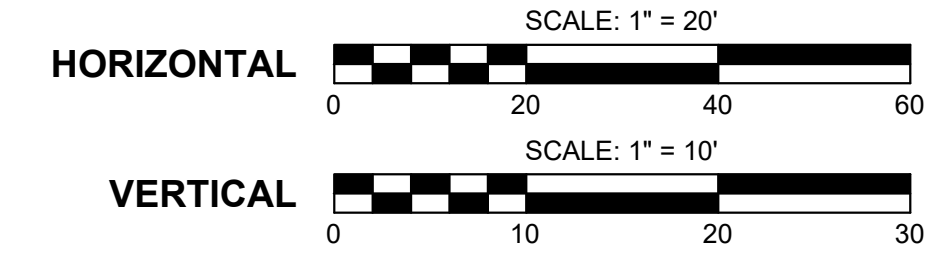
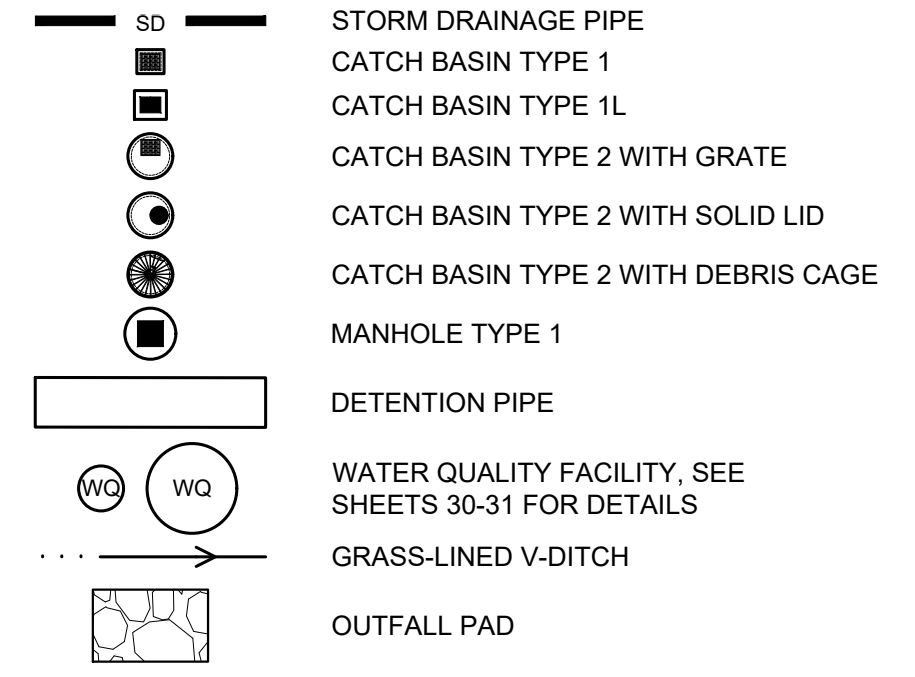
GENERAL NOTES:

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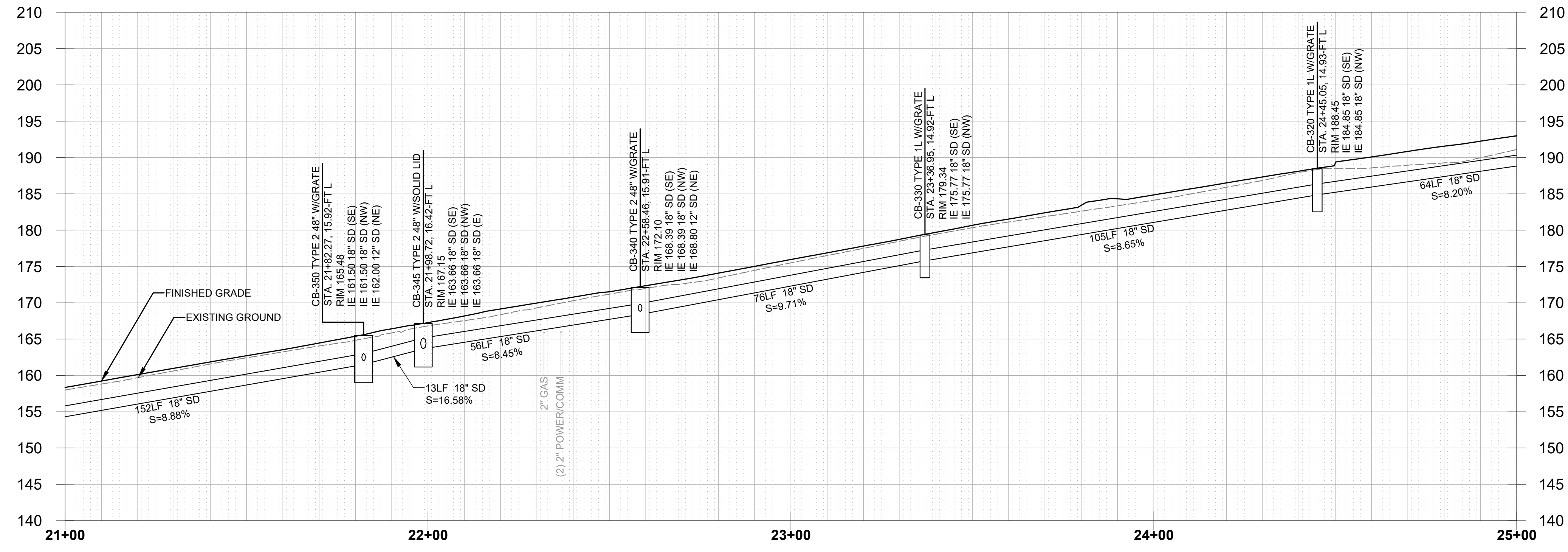
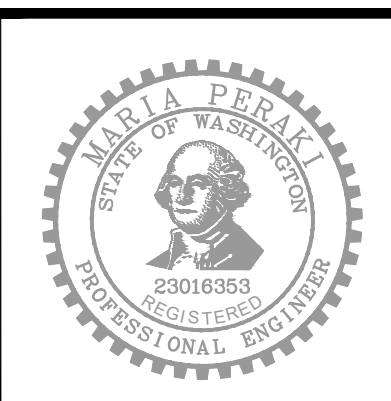
CONSTRUCTION NOTES:

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 - CONNECTION TO EXISTING STRUCTURE
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LEGEND



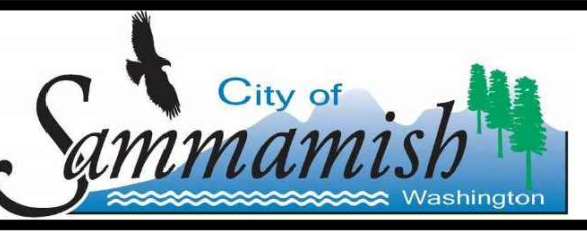
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FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM_OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_STRM.DWG
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USER NAME: LAURA TURNIDGE

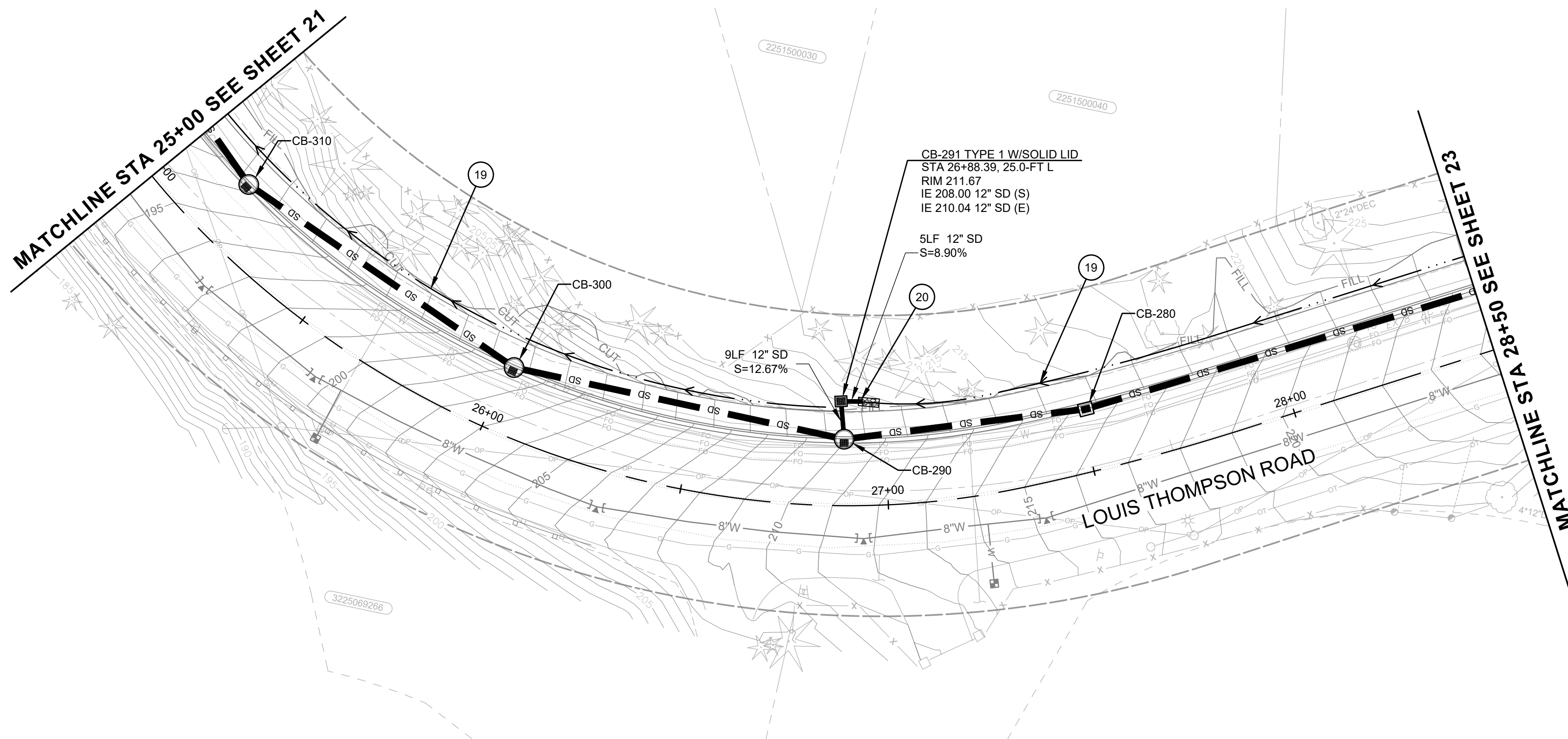
DESIGNED BY: MP
DRAWN BY: LT/LO/FJ
CHECKED BY: LR

NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: 1"=10'	DR04	SHEET 21 of 102



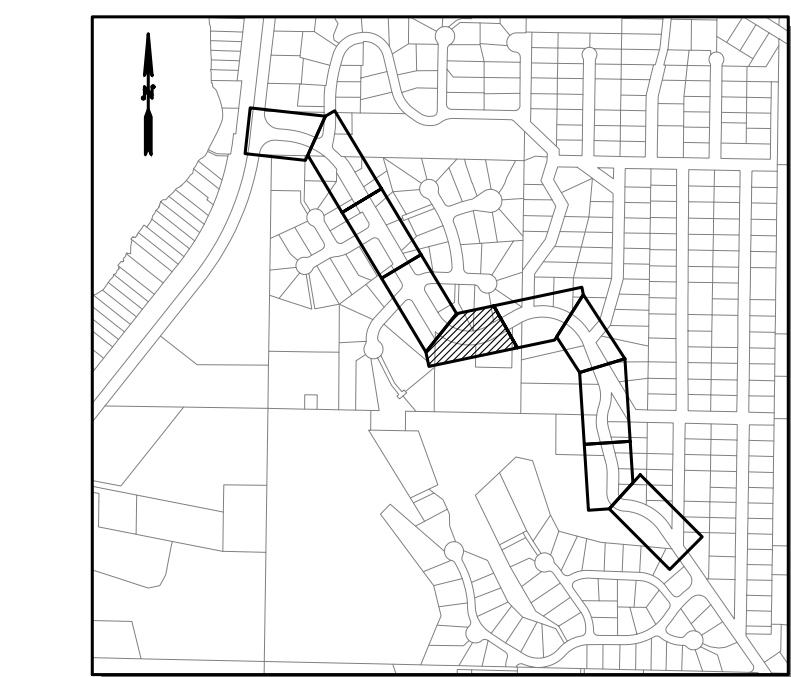
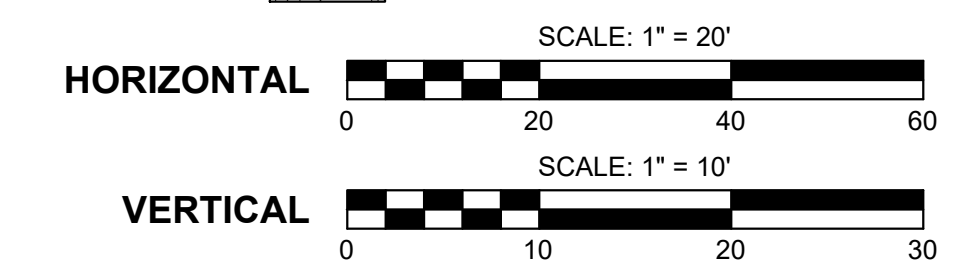
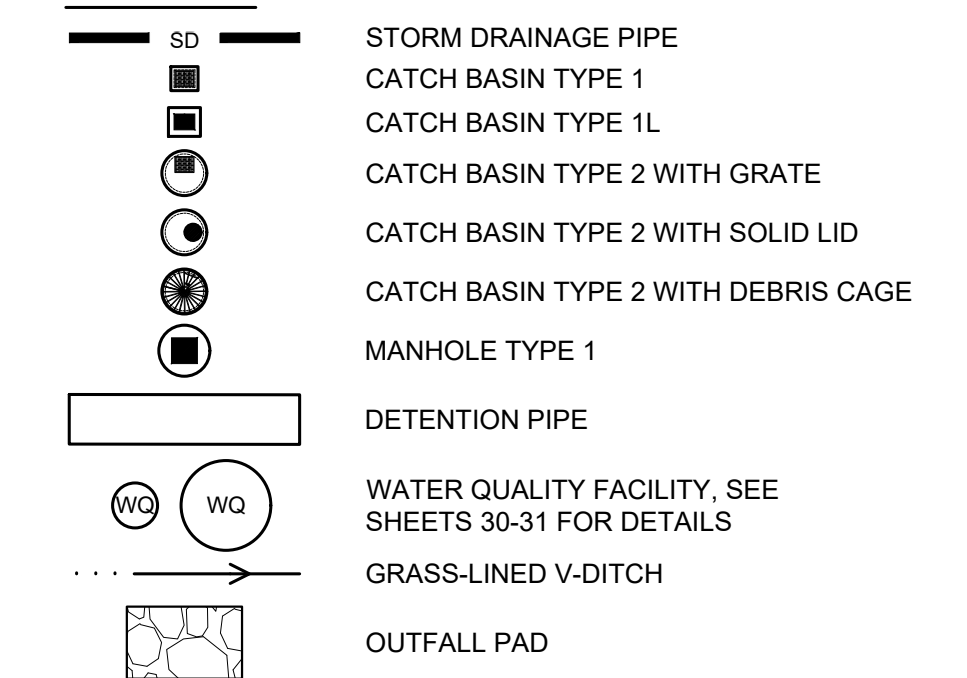
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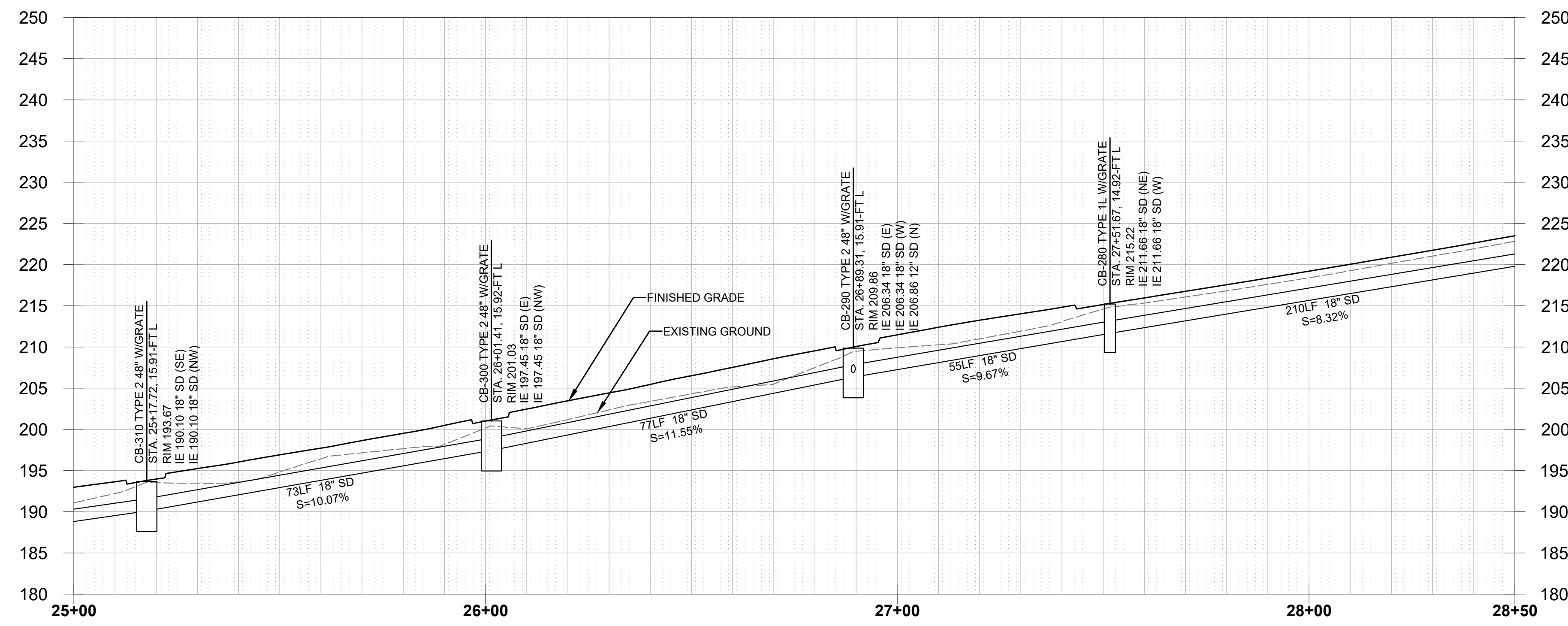
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LEGEND



KEY MAP

100% SUBMITTAL (NOT FOR CONSTRUCTION)



FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM_OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_STRM.DWG
 PLOT TIME: 1/26/2024 12:39 PM
 USER NAME: LAURA TURNIDGE

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

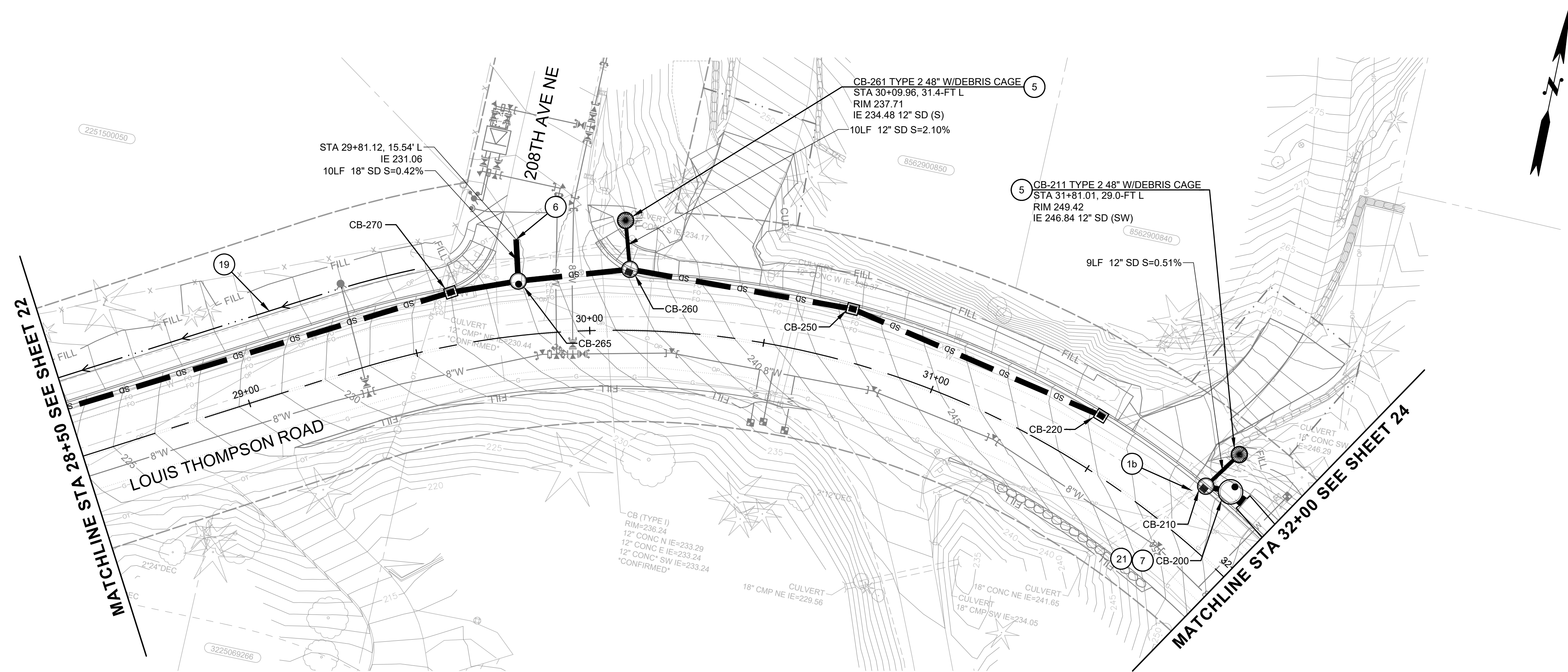
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: 1"=10'	DR05	SHEET 22 of 102

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



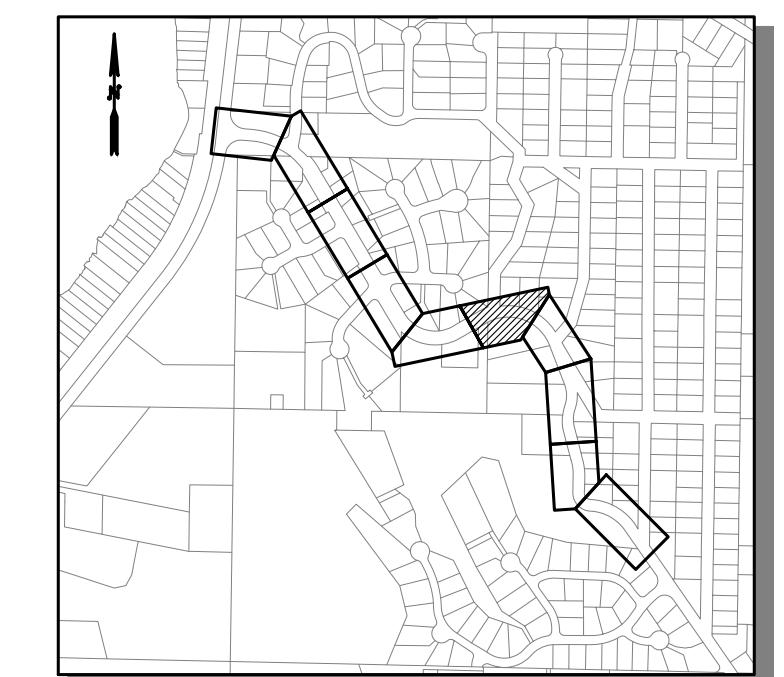
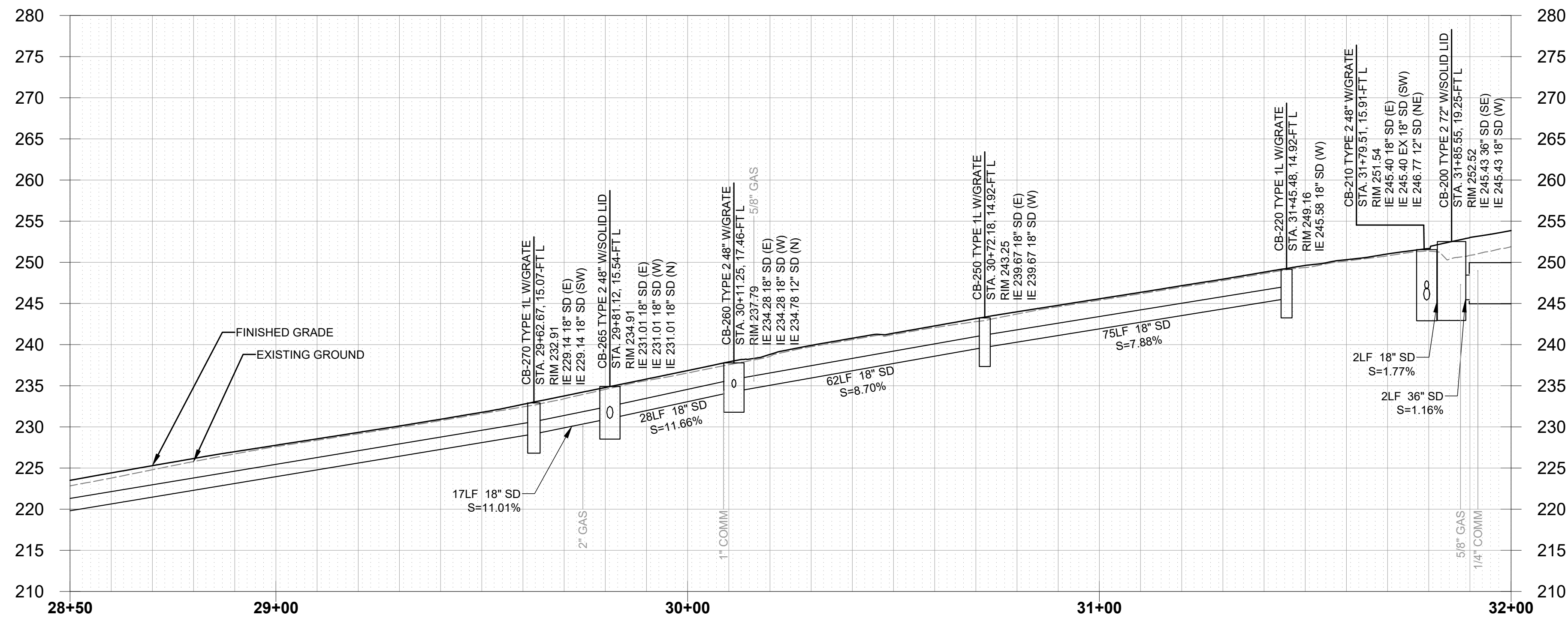
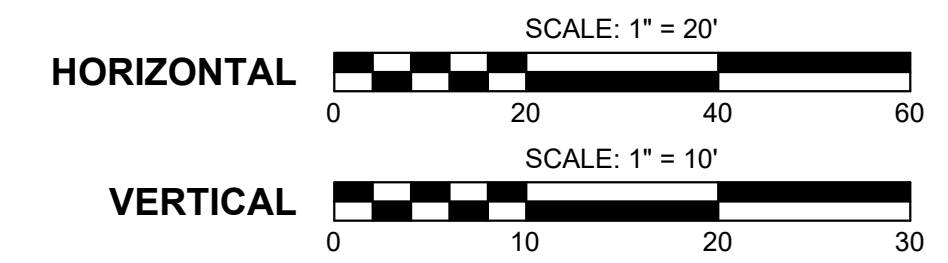
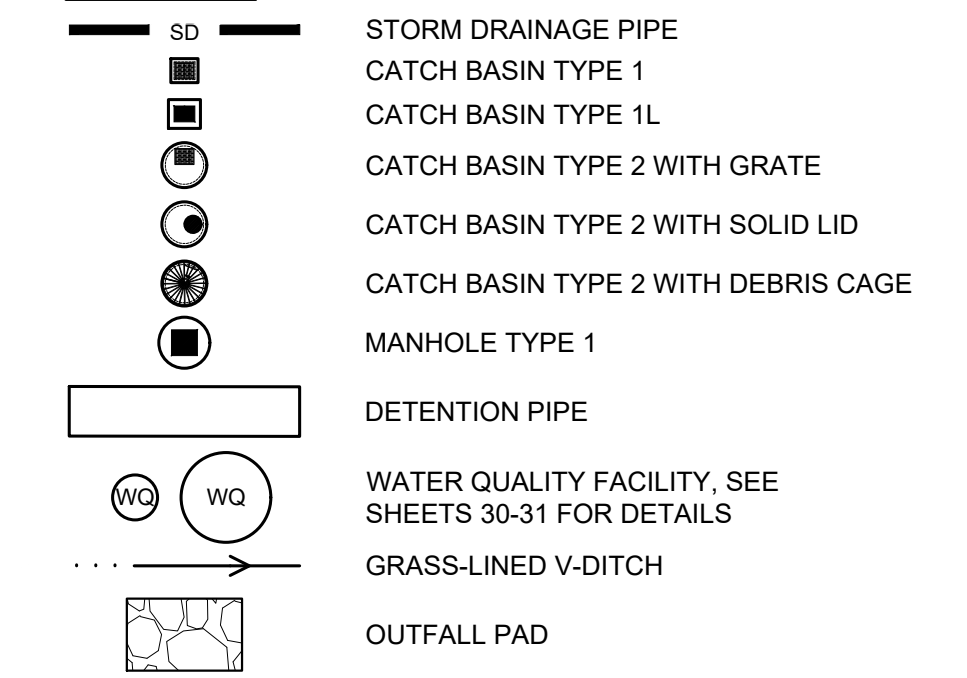
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LEGEND

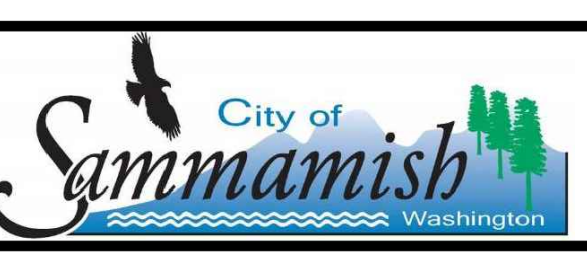


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DRAWN BY: LT/LO/FJ
CHECKED BY: LR

NO.	DATE	REVISION	BY

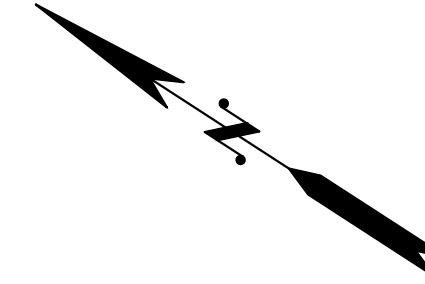


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH

JOB# / DWG: 10-210058
SCALE: H: 1"=20' V: 1"=10'

DATE: 01/29/2024
DR06
SHEET 23 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW.BENTLEY.COM_OSORBNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P_10-210058_STRM.DWG
PLOT TIME: 1/26/2024 12:39 PM
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GENERAL NOTES:

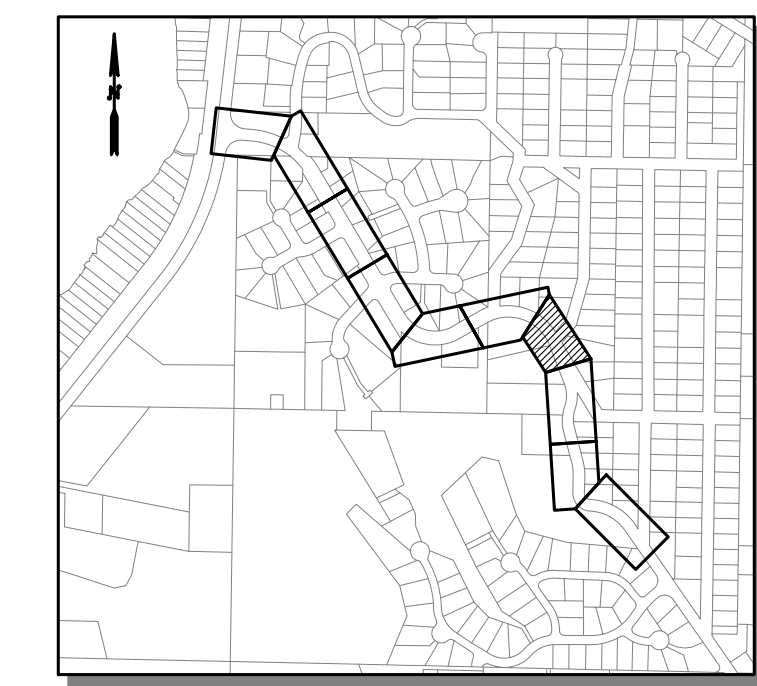
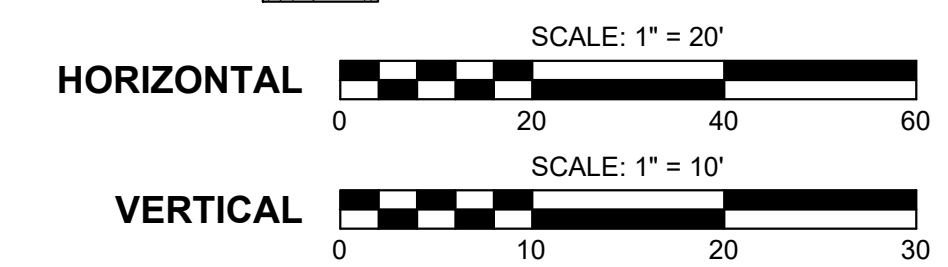
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3. THE ROADWAY CENTERLINE STATIONING IS USED FOR THE PROFILES. EXISTING AND PROPOSED SURFACES ARE SHOWN ON TOP OF THE STORM PIPE NETWORK.
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5. FOR RETAINING WALLS, SIDEWALKS, DRIVEWAYS AND OTHER NON-MOTORIZED IMPROVEMENTS, SEE SHEETS 46-55.
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2. CONSTRUCT OUTFALL PAD PER DETAIL 1 ON SHEET 33.
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 32.
6. INSTALL STUB-OUT WITH WATER TIGHT REMOVAL PLUG FOR FUTURE CONNECTION.
7. INSTALL COMPOSITE SOLID LID WITH SLIP RESISTANT FINISH.
8. CONNECT OFFSITE LATERAL TO 8-IN STORM SEWER PIPE AT 0.5 PERCENT MINIMUM SLOPE. MINIMUM PIPE COVER PER MANUFACTURER'S RECOMMENDATION. 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 32.
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. CONSTRUCT GRASS-LINED V-DITCH PER DETAIL 2 SHEET 33.
20. CONSTRUCT DITCH FLOW COLLECTION SYSTEM PER DETAIL 3 SHEET 33.
21. INSTALL DETENTION PIPE FLOW RESTRICTOR (BAFFLE) PER DETAIL 1 SHEET 29.
22. INSTALL DETENTION PIPE AIR VENT PER DETAIL 3 ON SHEET 28.

LEGEND

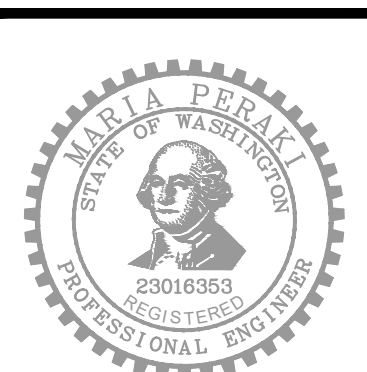
- STORM DRAINAGE PIPE
- CATCH BASIN TYPE 1
- CATCH BASIN TYPE 1L
- CATCH BASIN TYPE 2 WITH GRATE
- CATCH BASIN TYPE 2 WITH SOLID LID
- CATCH BASIN TYPE 2 WITH DEBRIS CAGE
- MANHOLE TYPE 1
- DETENTION PIPE
- WATER QUALITY FACILITY. SEE SHEETS 30-31 FOR DETAILS
- GRASS-LINED V-DITCH
- OUTFALL PAD



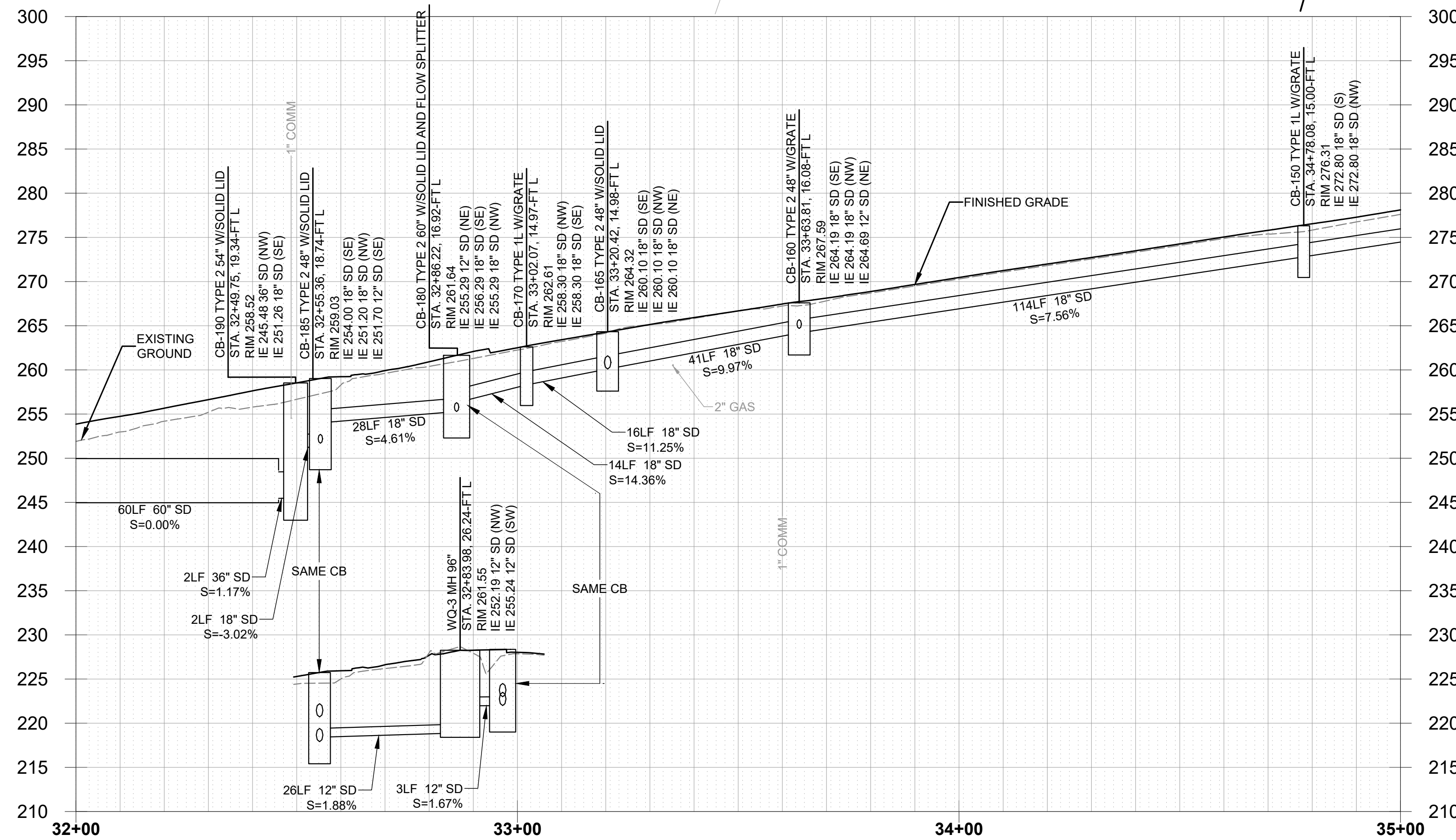
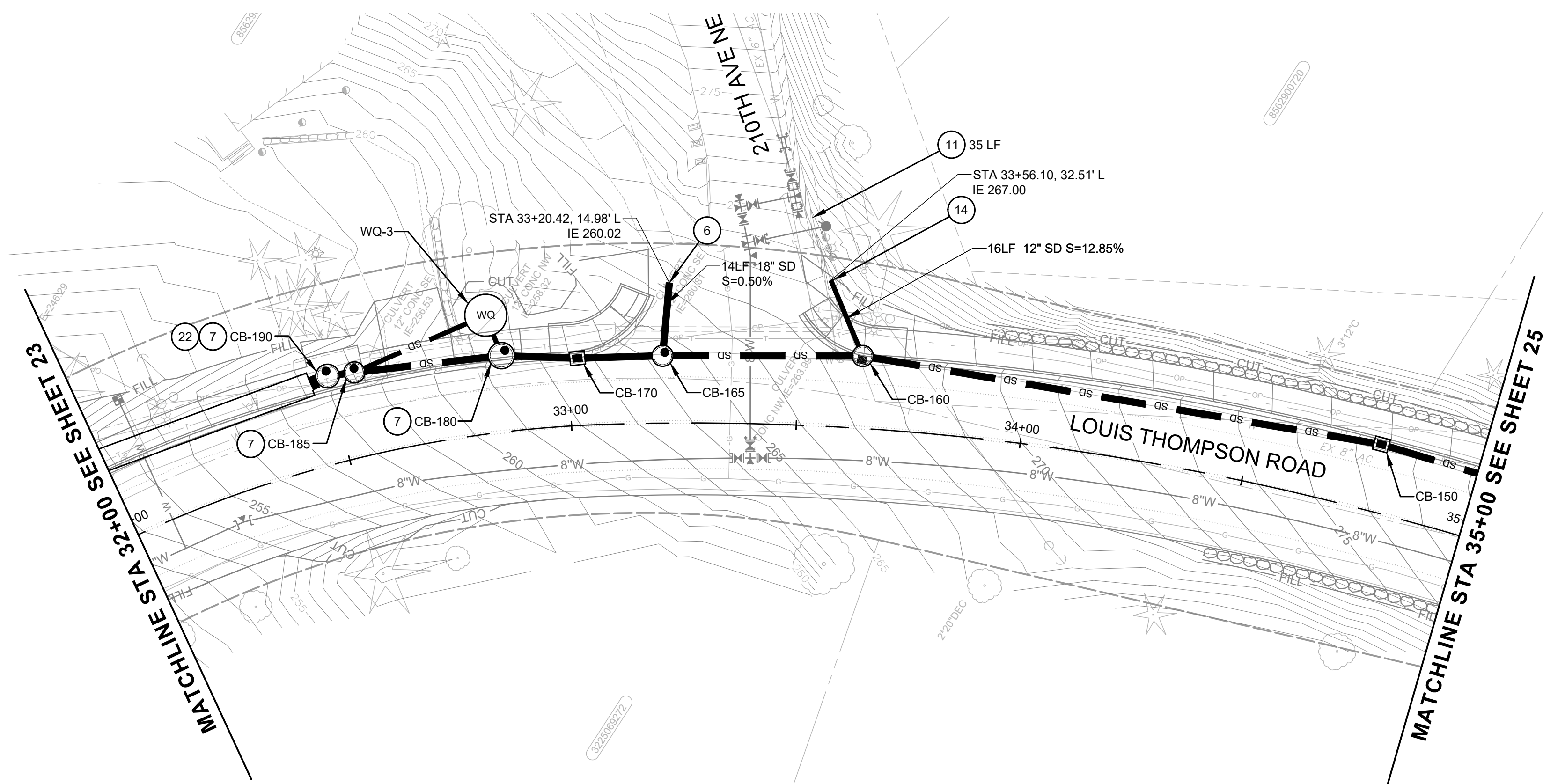
KEY MAP



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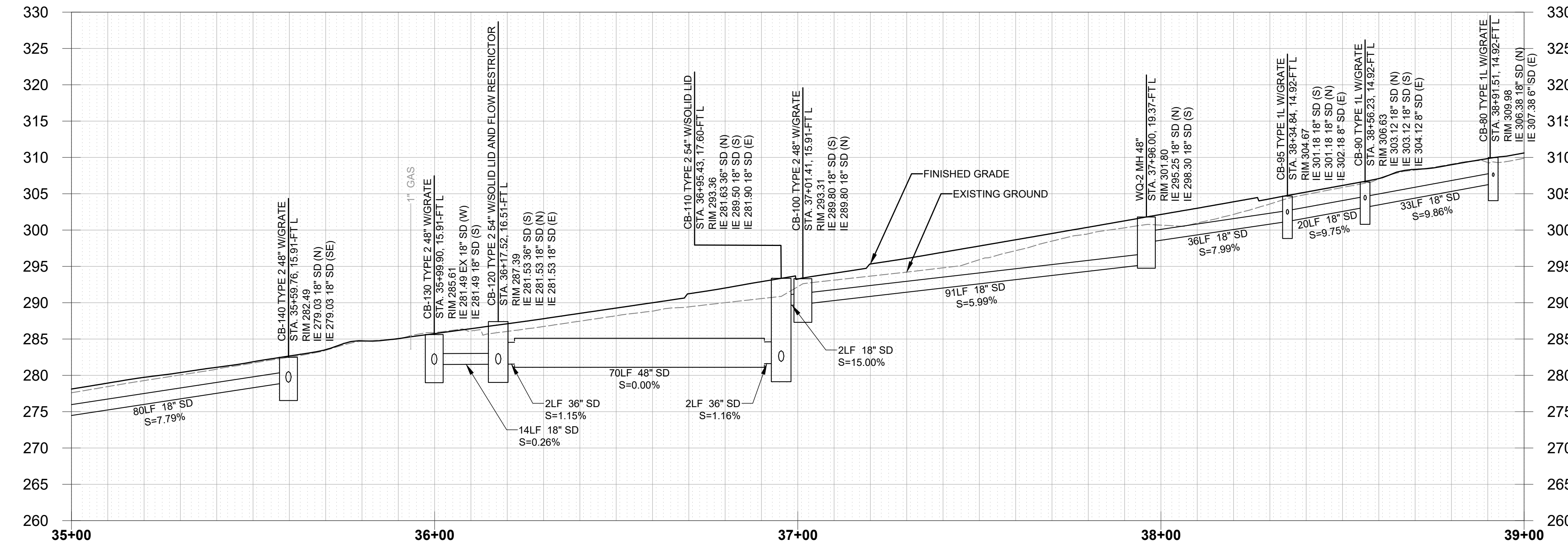
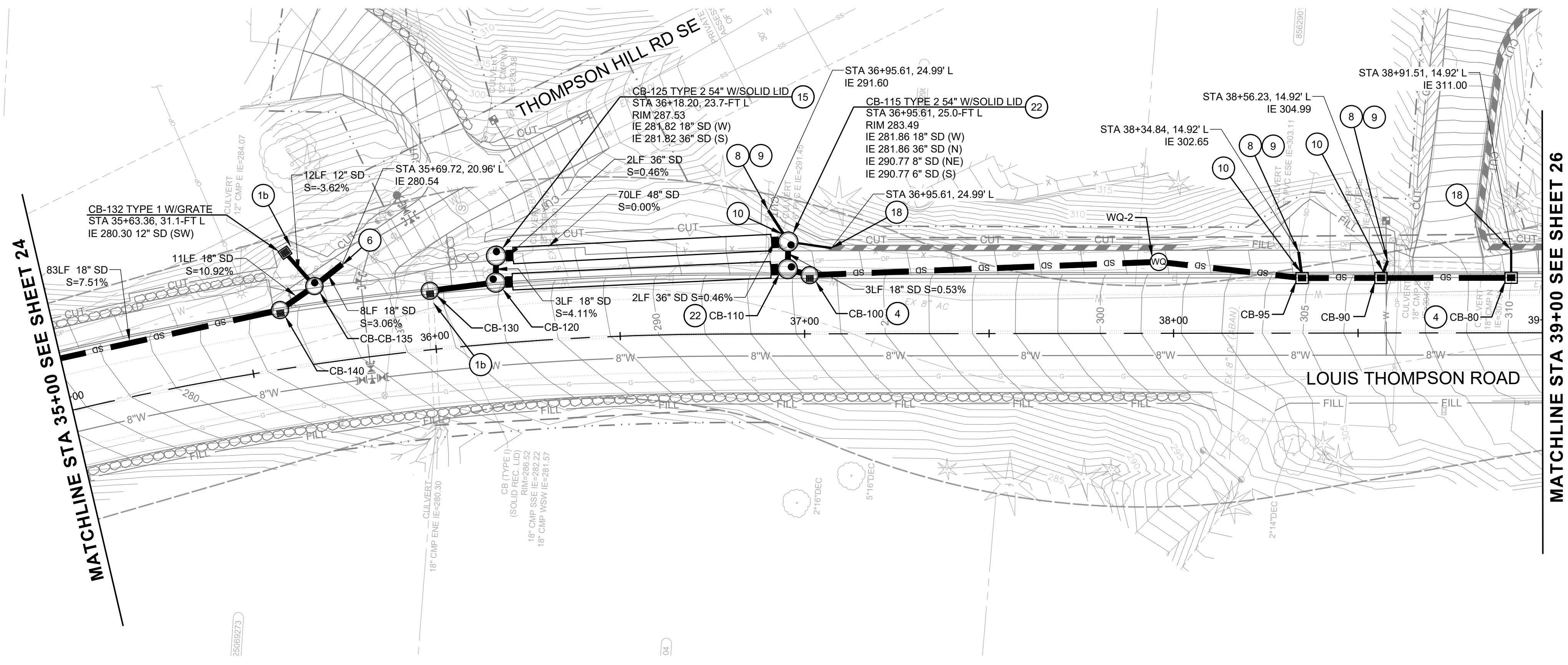
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH

STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG: 10-210058
DATE: 01/29/2024

SCALE: H: 1"=20' V: 1"=10'
DR07
SHEET 24 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIROSBORNCORNCONSULTING-PW.BENTLEY.COM_OSBORNCORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_STRM.DWG
PLOT TIME: 1/29/2024 12:40 PM
USER NAME: LAURA TURNIDGE



GENERAL NOTES:

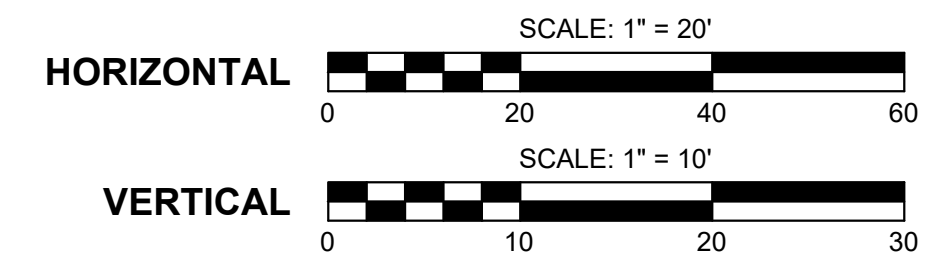
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LEGEND

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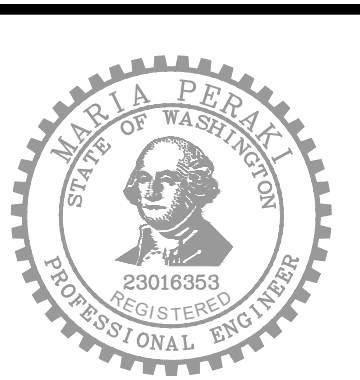


KEY MAP

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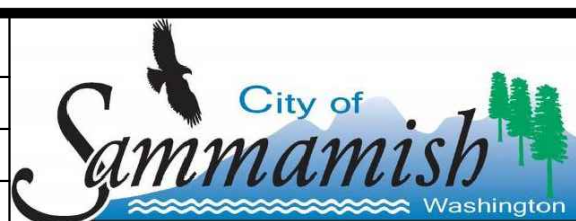
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USER NAME: LAURA TURNDIGE

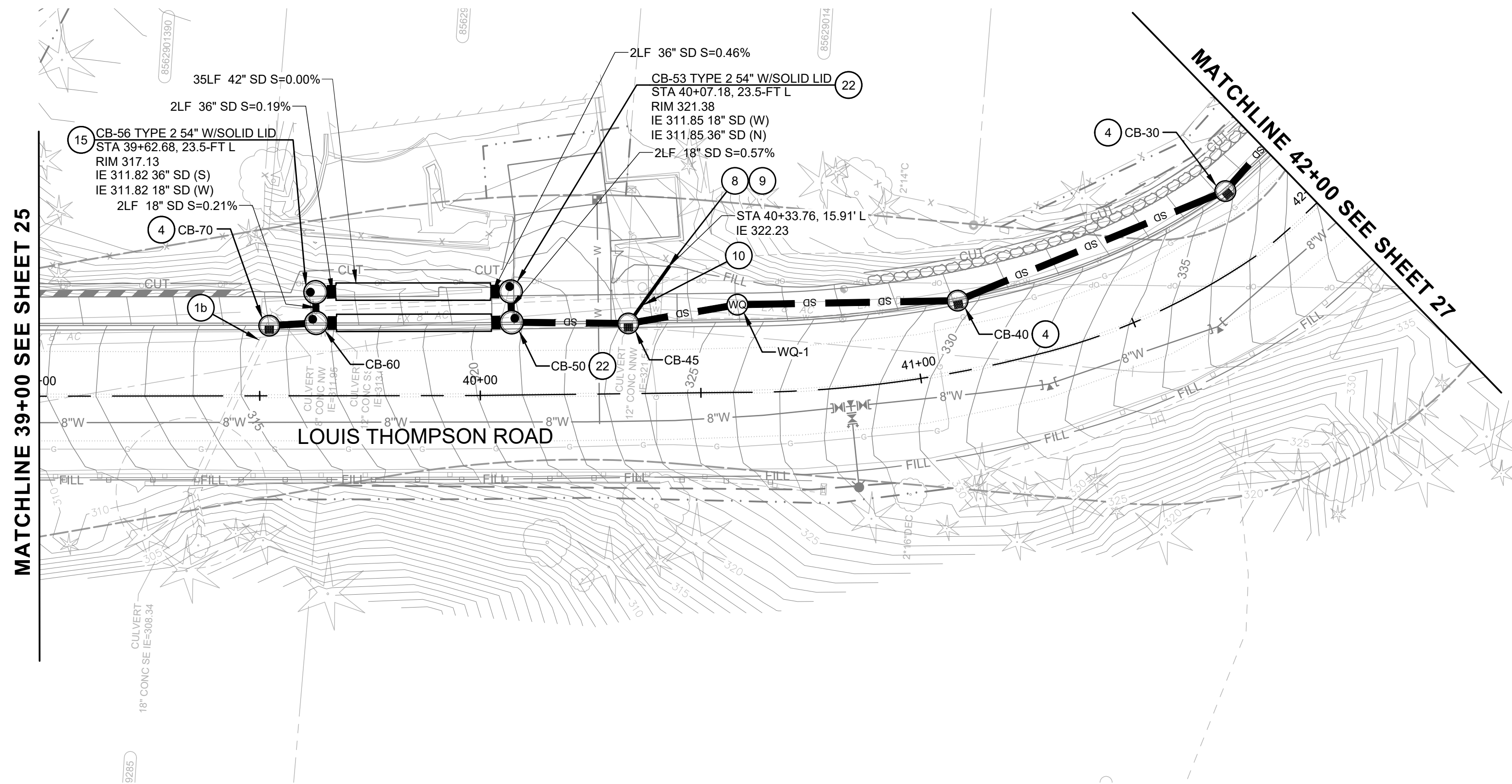
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LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: 1"=10'	DR08	SHEET 25 of 102



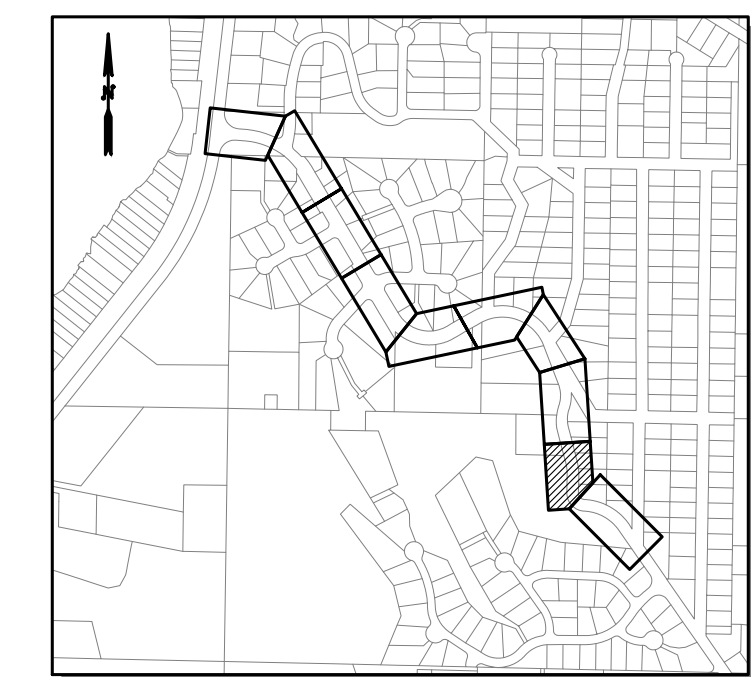
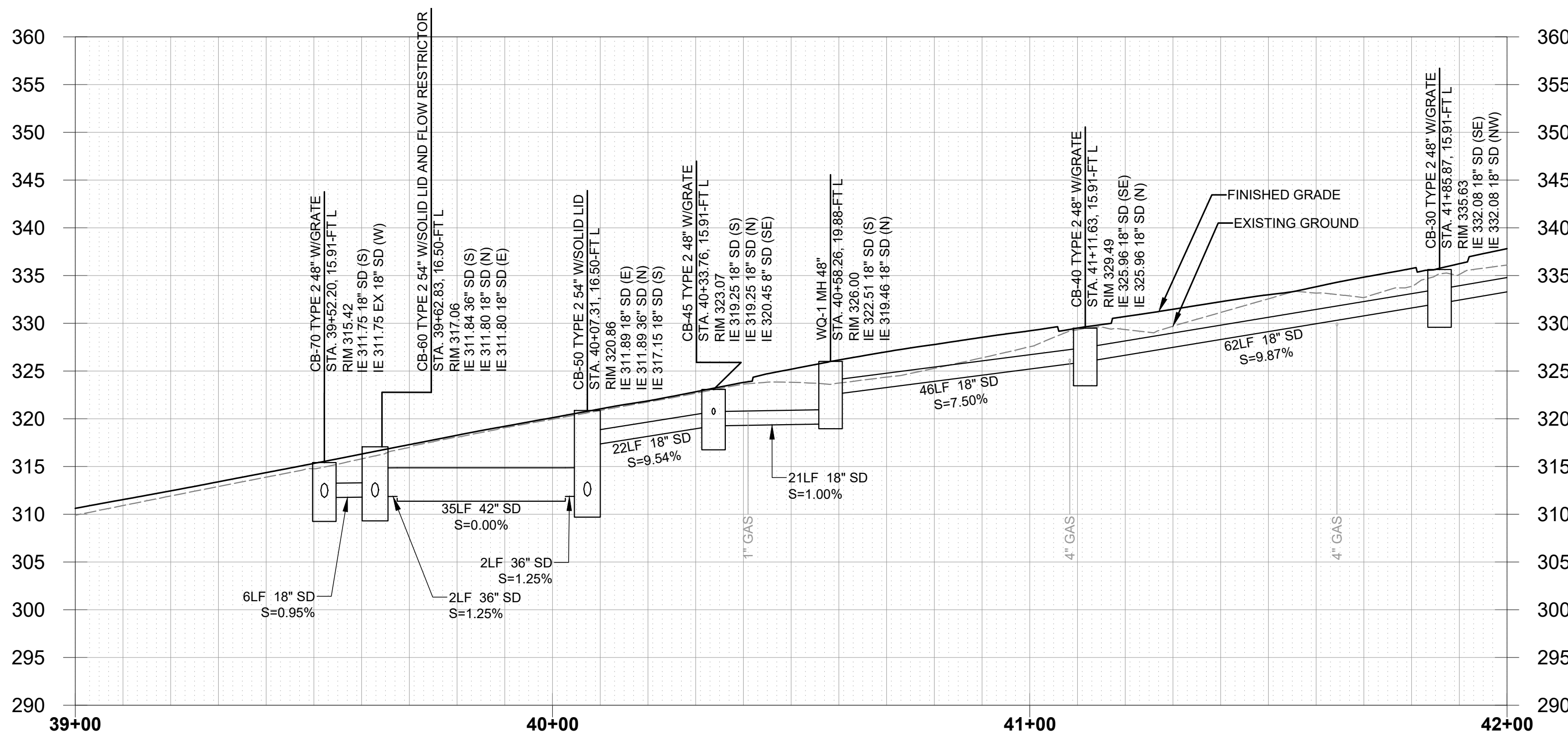
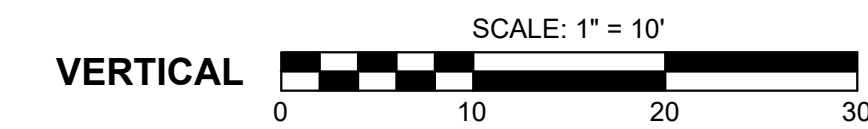
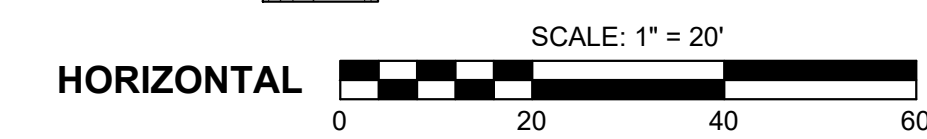
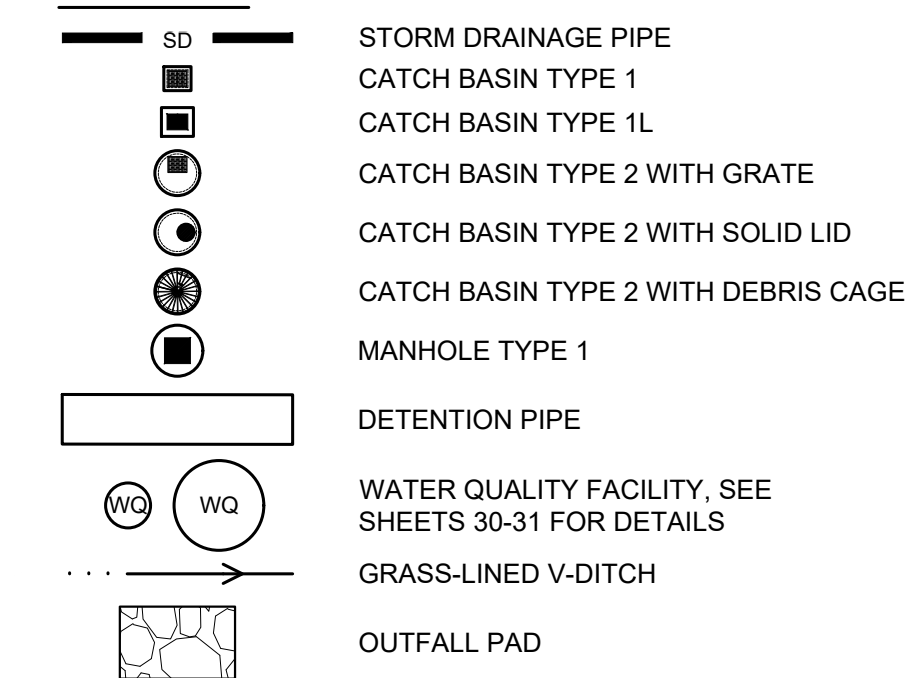
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LEGEND

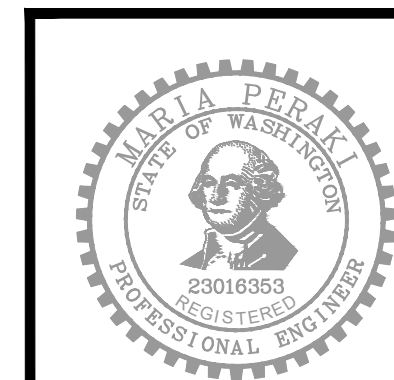


KEY MAP

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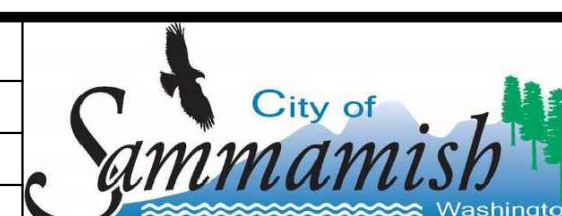
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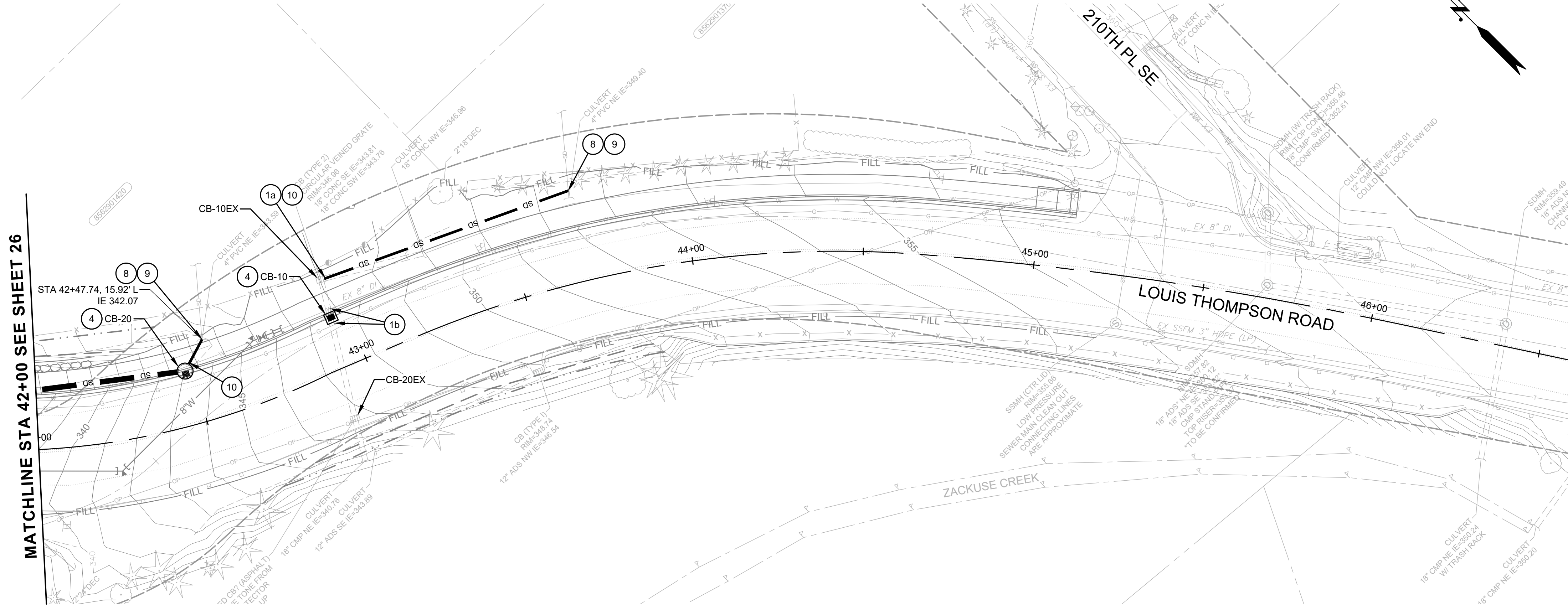
Osborn Consulting

NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: 1"=10'	DR09	SHEET 26 of 102



GENERAL NOTES:

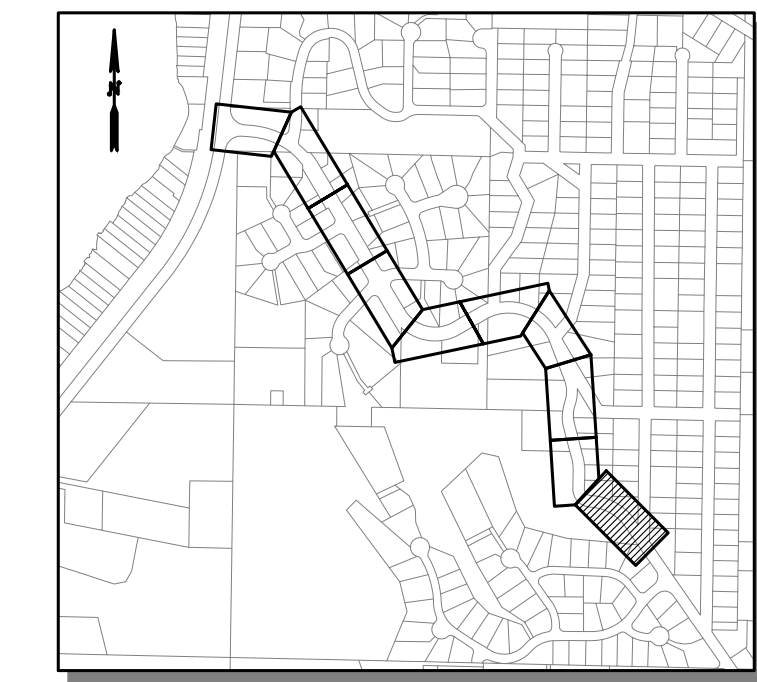
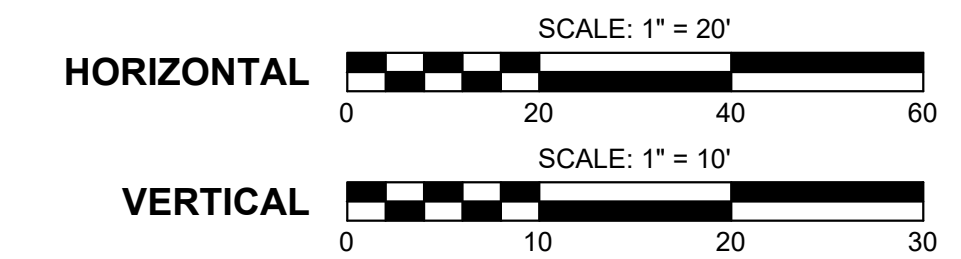
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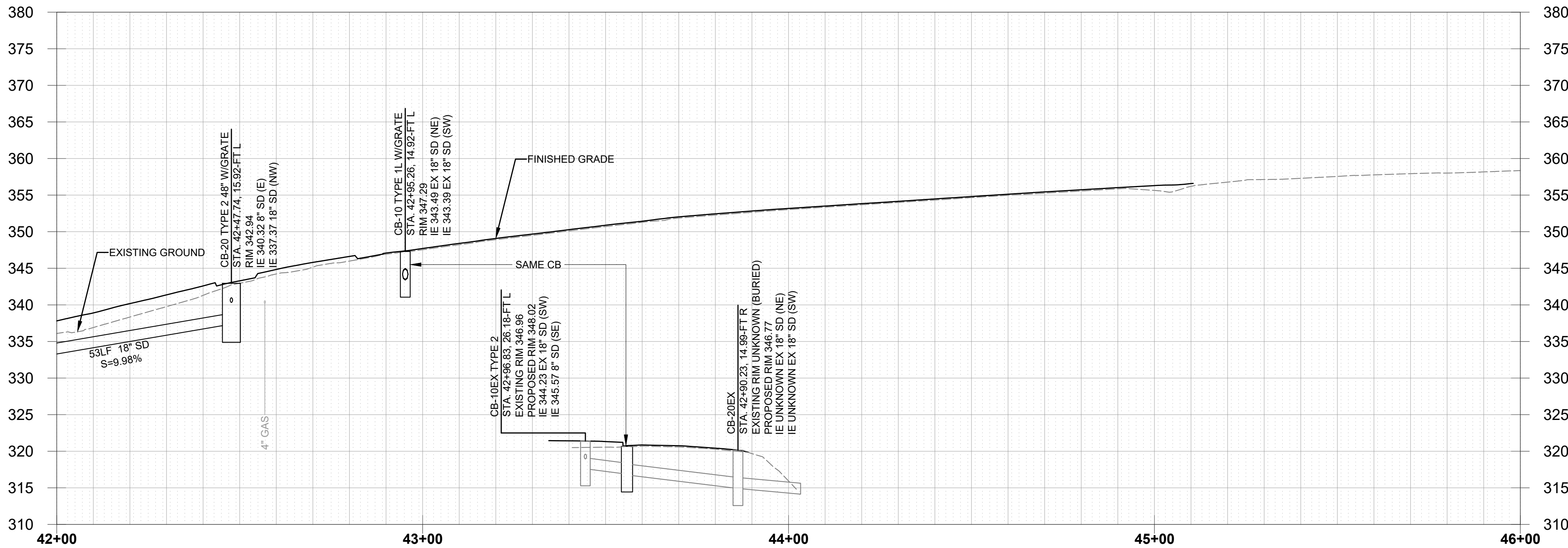
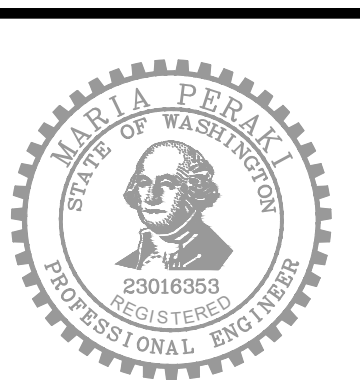
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KEY MAP



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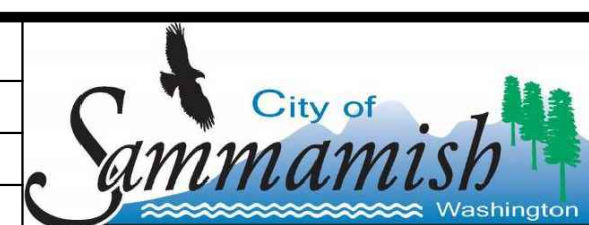


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PLOT TIME: 1/26/2024 12:40 PM
USER NAME: LAURA TURNIDGE

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

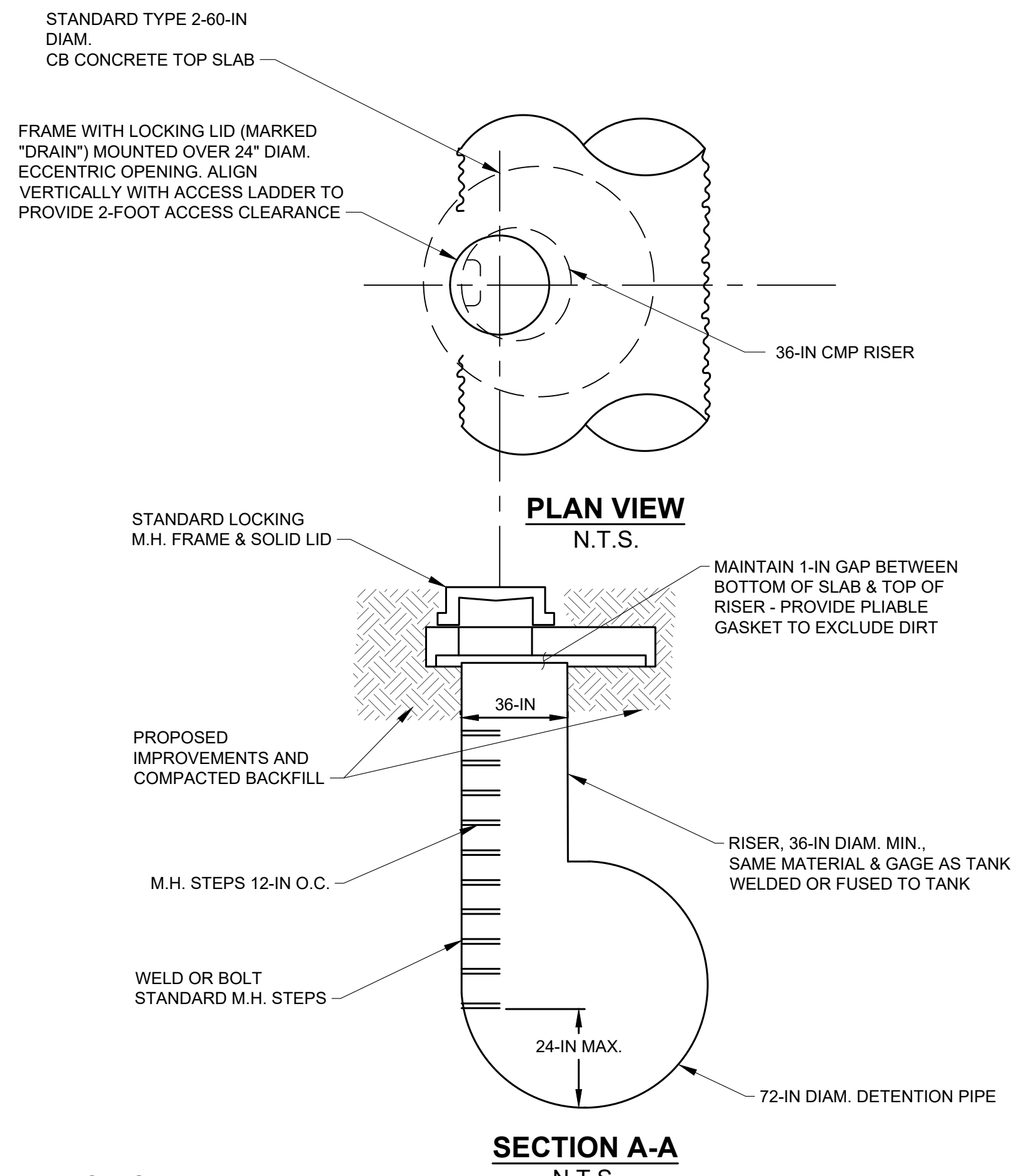
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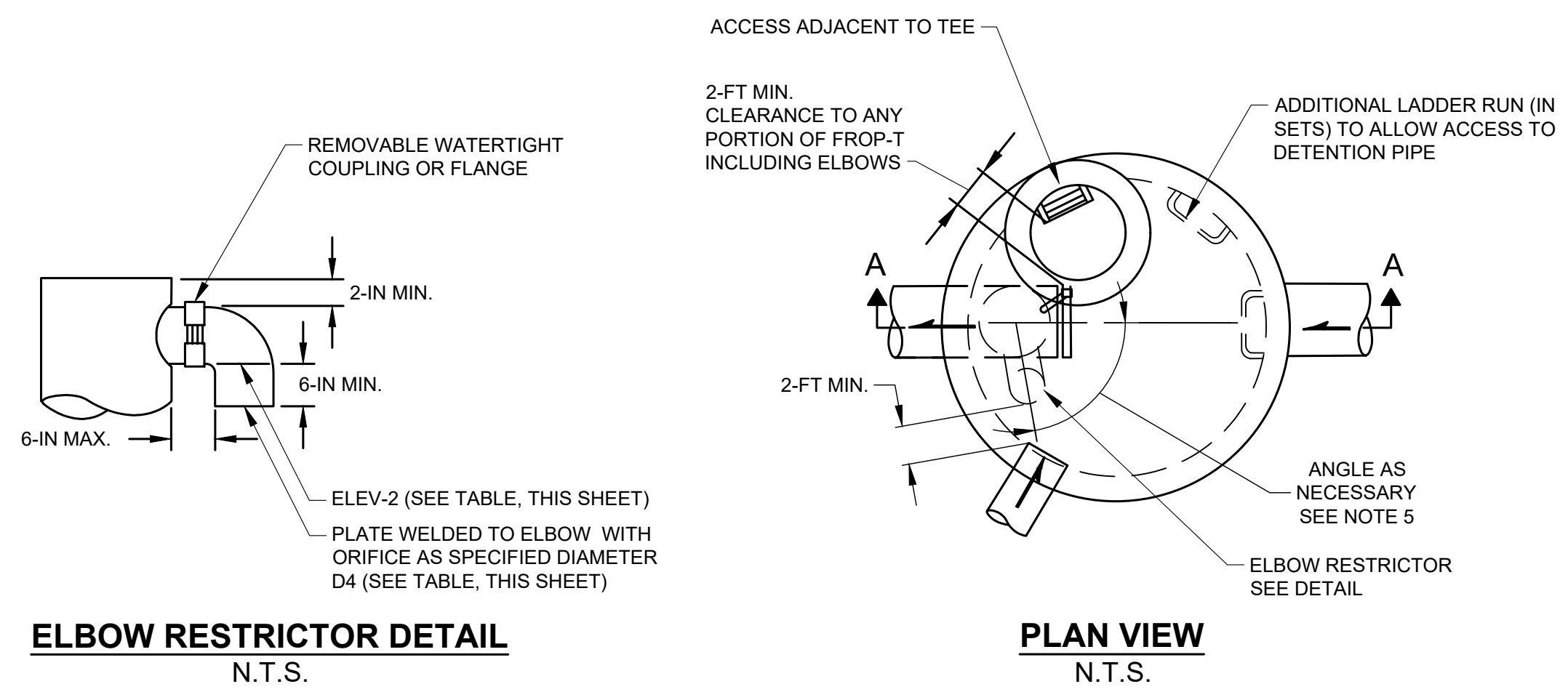
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
STORM DRAINAGE PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=20' V: 1"=10'	DR10 SHEET 27 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCORNCONSULTING-PW\BENTLEY.COM_OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_STRM_DET1.DWG
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 USER NAME: LAURA TURNDIGE

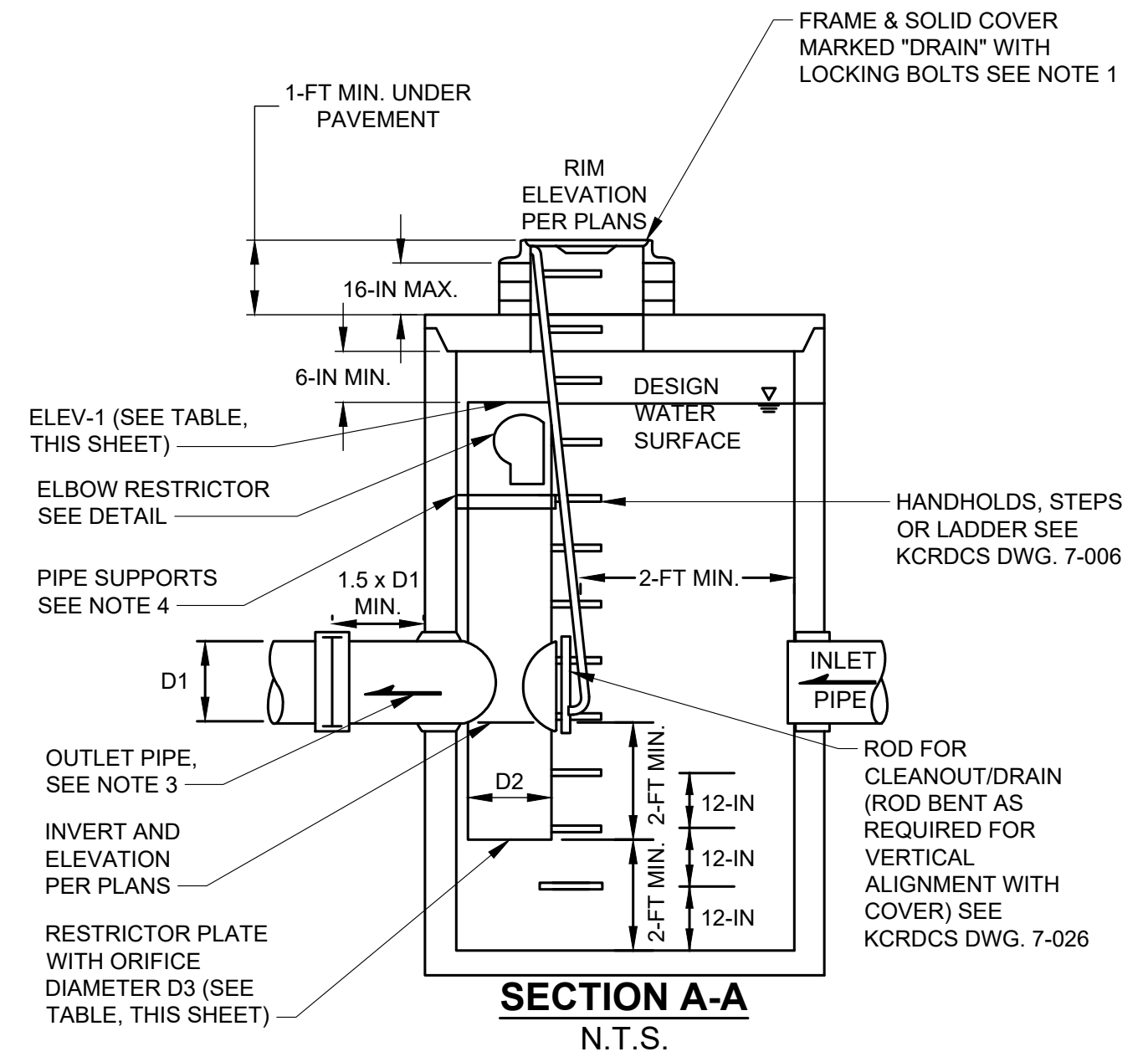


1 DETENTION PIPE ACCESS
 20 N.T.S.



2 DETENTION PIPE FLOW RESTRICTOR (TEE)
 20,25 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.



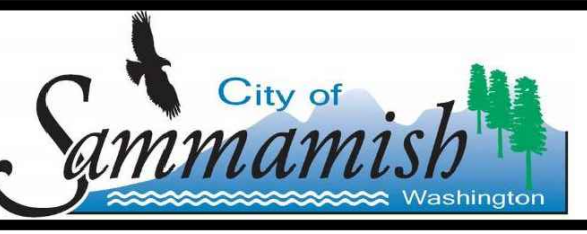
3 DETENTION PIPE AIR VENT
 25,26 N.T.S.
 24

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	314.70	2.50	5.00	6	313.30
CB-120	18	284.87	0.62	1.00	2	284.03
CB-405	24	126.65	1.63	3.00	4	125.60

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

Osborn Consulting

NO.	DATE	REVISION	BY



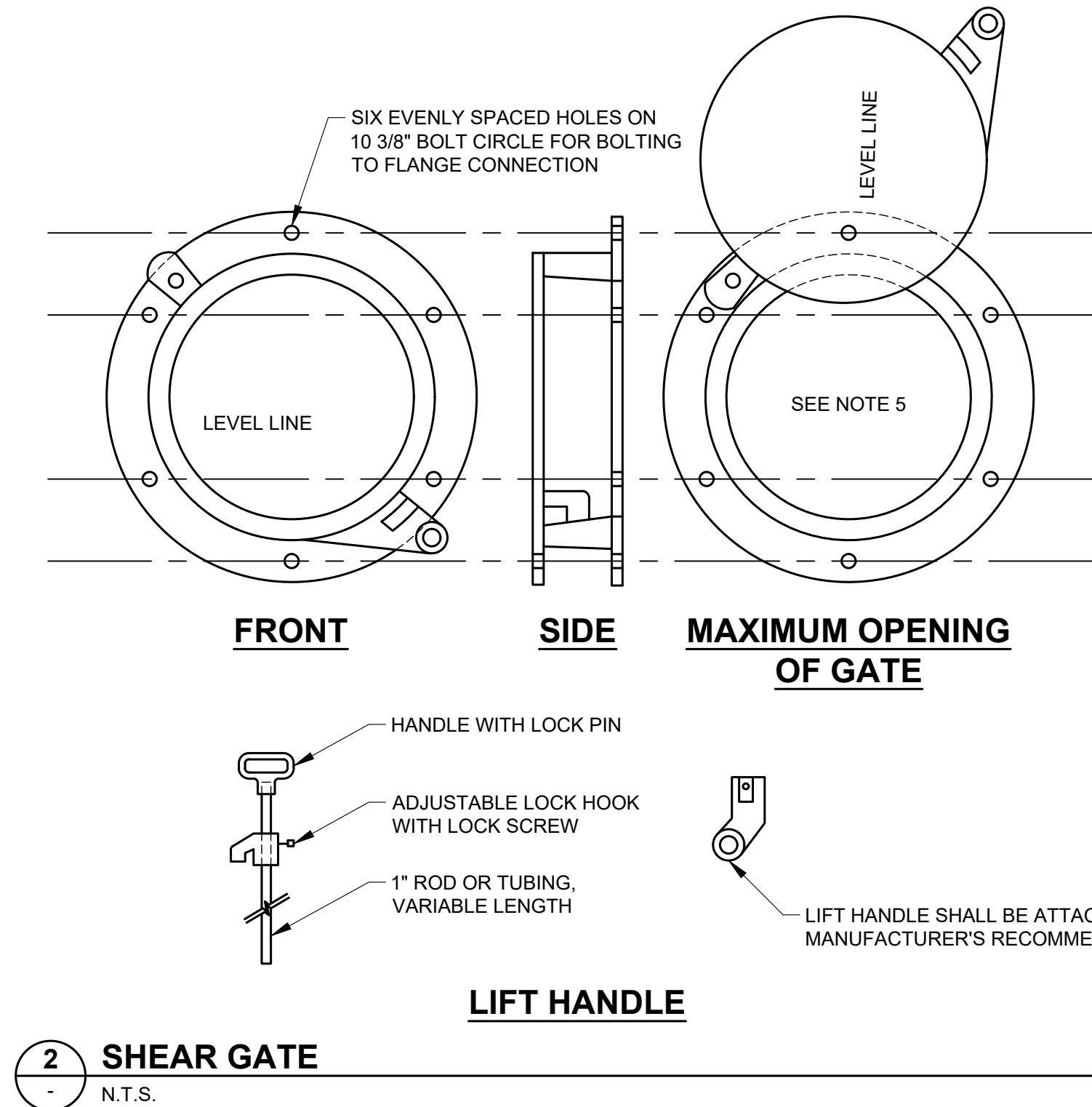
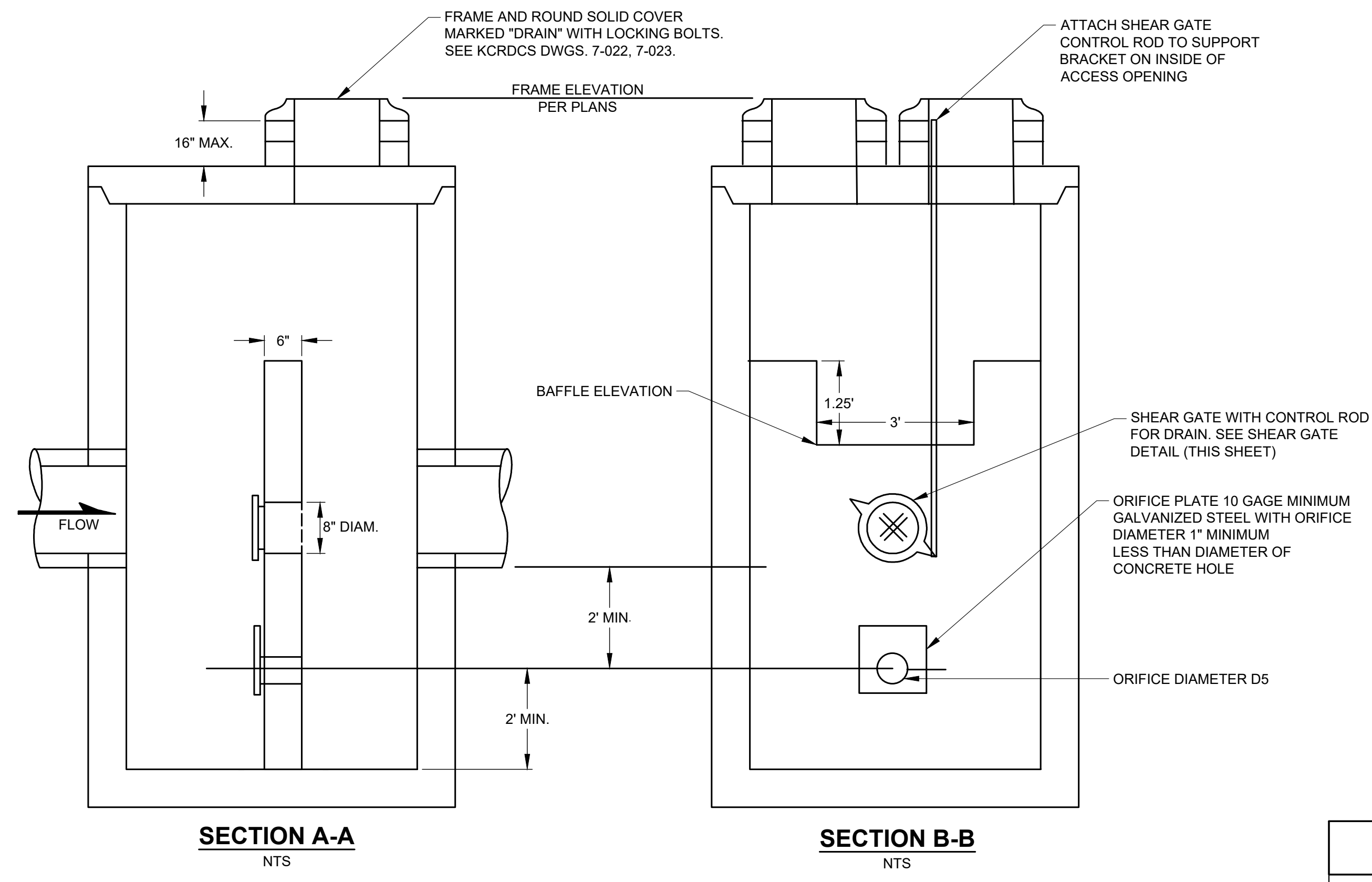
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 STORM DRAINAGE DETAILS

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: N/A V: N/A	DR11 SHEET 28 of 102

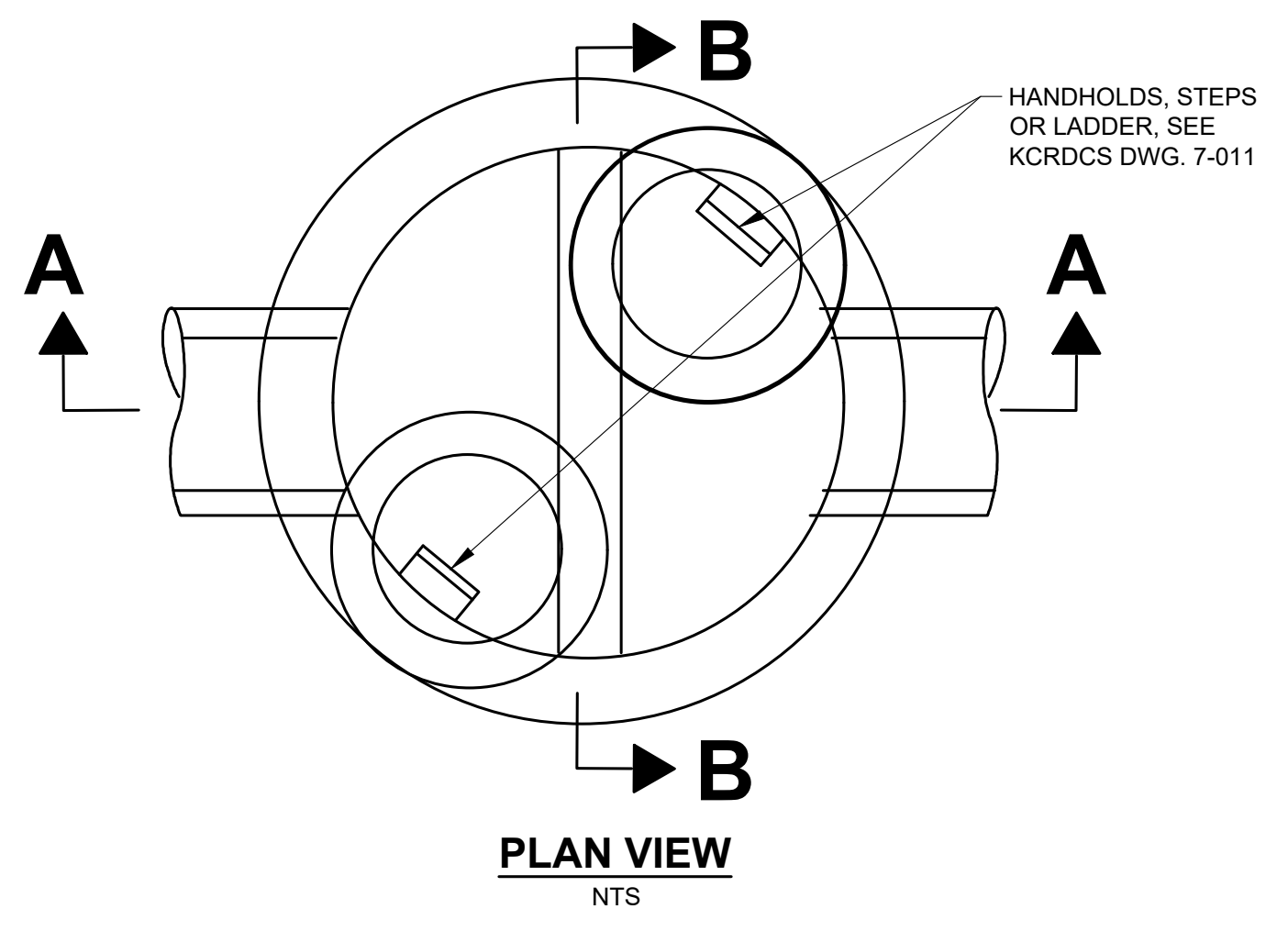
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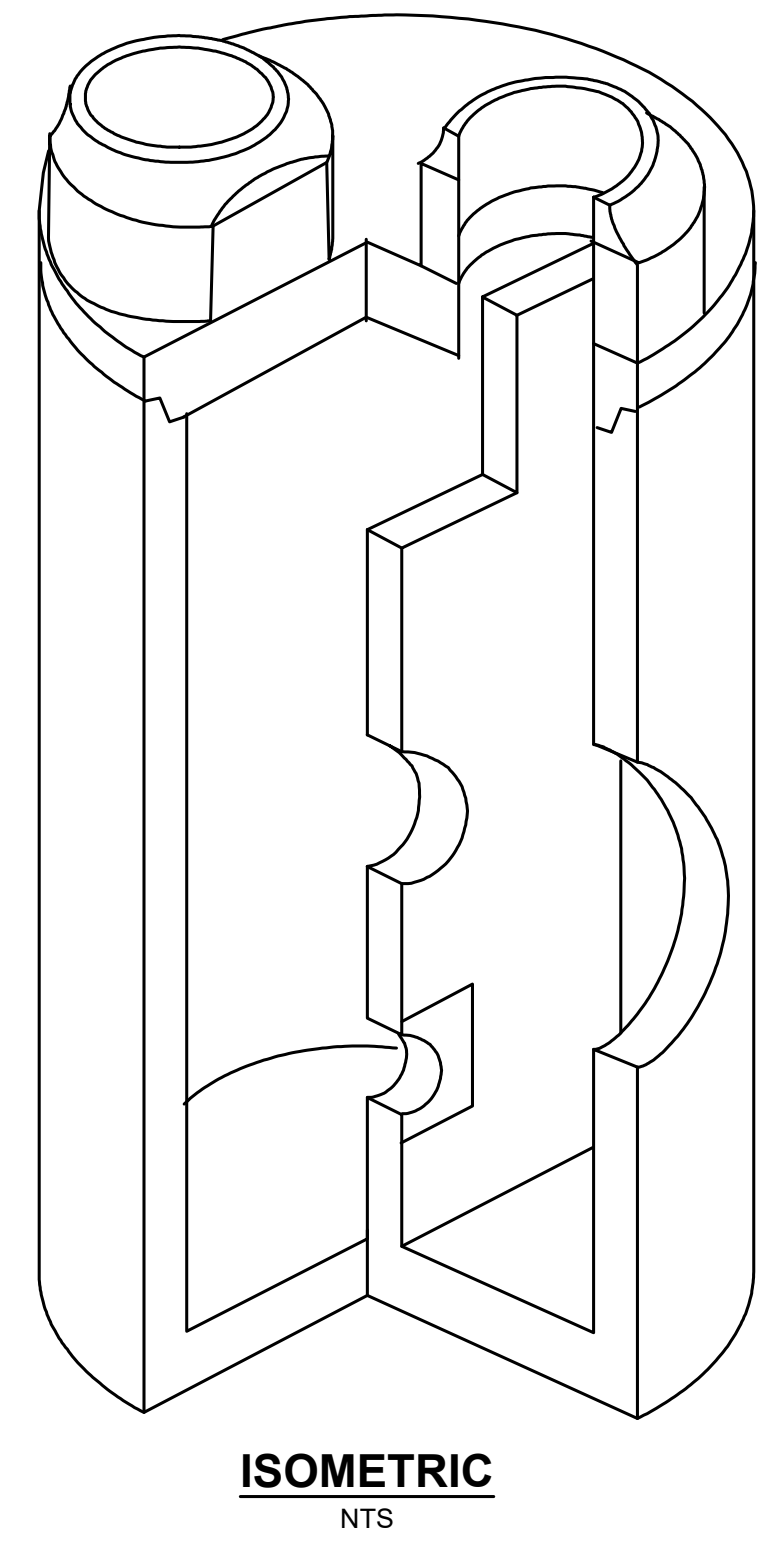
- NOTES:**
1. SHEAR GATE SHALL BE ALUMINUM ALLOY PER ASTM B-26-ZG-32a OR CAST IRON ASTM A48 CLASS 30B AS REQUIRED.
 2. GATE SHALL BE 8 IN. DIAM. UNLESS OTHERWISE SPECIFIED.
 3. GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
 4. LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.
 5. GATE SHALL NOT OPEN BEYOND THE CLEAR OPENING BY LIMITED HINGE MOVEMENT, STOP TAB, OR SOME OTHER DEVICE.
 6. NEOPRENE RUBBER GASKET REQUIRED BETWEEN RISER MOUNTING FLANGE AND GATE FLANGE.
 7. MATING SURFACES OF LID AND BODY TO BE MACHINED FOR PROPER FIT.
 8. FLANGE MOUNTING BOLTS SHALL BE 3/8 IN. DIAM. STAINLESS STEEL.
 9. ALTERNATE CLEANOUT/SHEAR GATES TO THE DESIGN SHOWN ARE ACCEPTABLE, PROVIDED THEY MEET THE MATERIAL SPECIFICATIONS ABOVE AND HAVE A SIX BOLT, 10 3/8 IN. BOLT CIRCLE FOR BOLTING TO THE FLANGE CONNECTION.
 10. SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.



FLOW RESTRICTOR STRUCTURE	ORIFICE DIAMETER (IN) [D5]	BAFFLE ELEVATION (FT)
CB-200	0.87	248.53

- NOTES:**
1. METAL PARTS: CORROSION RESISTANT STEEL PARTS STAINLESS STEEL OR ALUMINIZED STEEL.
 2. PIPE SIZE, SLOPES, AND ELEVATIONS: PER PLANS. STRUCTURE TYPE, RIM: PER PLANS.
 3. COVERS SHALL BE MADE "DRAIN" WITH LOCKING BOLTS.
 4. BAFFLE WALL SHALL HAVE #4 BAR AT 12 IN. SPACING EACH WAY.
 5. PRECAST BAFFLE WALL SHALL BE KEYPED AND GROUTED IN PLACE.
 6. BOTTOM ORIFICE PLATE TO BE 1/4 IN. MIN. NON-GALVANIZED CORROSIVE RESISTANT MATERIAL AND ATTACHED WITH 1/2 IN. STAINLESS STEEL BOLTS.
 7. SEE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTING REQUIREMENTS.

1 DETENTION PIPE FLOW RESTRICTOR (BAFFLE)
 23 N.T.S.



STRUCTURE LID/GRATE CONTROL POINT TABLE														
STRUCTURE	TYPE	STA	OFFSET	ELEVATION	STRUCTURE	TYPE	STA	OFFSET	ELEVATION	STRUCTURE	TYPE	STA	OFFSET	ELEVATION
CB-10	COMBINATION INLET	42+95.26	14.92' L	347.29	CB-185	SOLID LID	32+55.46	19.63' L	259.05	CB-380	VANNED GRATE	18+70.07	15.01' L	138.53
CB-10EX	SOLID LID	42+96.83	26.18' L	348.02	CB-186EX	BI-DIRECTIONAL VANNED GRATE	10+27.04	44.95' R	60.73	CB-400	SOLID LID	17+38.16	27.88' L	130.98
CB-20	COMBINATION INLET	42+47.74	15.02' L	342.99	CB-190	SOLID LID	32+49.69	20.49' L	258.53	CB-405	SOLID LID	17+39.51	19.39' L	129.24
CB-20EX	SOLID LID	42+90.23	14.99' R	346.77	CB-200	SOLID LID	31+85.58	21.15' L	252.54	CB-410	VANNED GRATE	17+32.23	15.01' L	128.09
CB-30	COMBINATION INLET	41+85.87	15.01' L	335.68	CB-210	VANNED GRATE	31+79.50	15.01' L	251.58	CB-420	VANNED GRATE	16+63.22	15.01' L	122.83
CB-40	COMBINATION INLET	41+11.62	15.02' L	329.53	CB-211	DEBRIS CAGE	31+81.01	29.03' L	249.52	CB-430	VANNED GRATE	15+99.00	15.01' L	117.98
CB-45	VANNED GRATE	40+33.76	15.01' L	323.11	CB-220	VANNED GRATE	31+45.48	14.92' L	249.16	CB-440	SOLID LID	15+01.91	25.57' L	112.83
CB-50	SOLID LID	40+08.03	17.39' L	321.06	CB-250	VANNED GRATE	30+72.18	14.92' L	243.25	CB-450	VANNED GRATE	15+03.70	15.01' L	110.80
CB-53	SOLID LID	40+06.94	24.59' L	321.82	CB-260	VANNED GRATE	30+10.94	16.62' L	237.78	CB-455	VANNED GRATE	14+31.51	14.92' L	105.52
CB-56	SOLID LID	39+61.53	23.49' L	317.02	CB-261	DEBRIS CAGE	30+09.96	31.41' L	237.58	CB-460	VANNED GRATE	13+85.52	15.01' L	101.55
CB-60	SOLID LID	39+62.04	17.33' L	316.99	CB-265	SOLID LID	29+81.14	14.64' L	234.85	CB-465	DEBRIS CAGE	13+66.17	35.37' L	98.89
CB-70	COMBINATION INLET	39+52.20	15.01' L	315.46	CB-270	VANNED GRATE	29+62.67	15.07' L	232.76	CB-470EX	SOLID LID	13+35.45	32.99' L	97.22
CB-80	COMBINATION INLET	38+91.51	14.92' L	309.88	CB-280	VANNED GRATE	27+51.67	14.92' L	215.22	CB-480EX	SOLID LID	12+67.34	13.22' L	90.03
CB-90	VANNED GRATE	38+56.23	14.92' L	306.62	CB-290	VANNED GRATE	26+89.31	15.02' L	209.91	CB-490	VANNED GRATE	10+88.07	15.01' L	67.08
CB-95	VANNED GRATE	38+34.84	14.92' L	304.68	CB-291	SOLID LID	26+88.39	24.97' L	211.67	CB-490EX	SOLID LID	11+90.12	20.69' L	80.48
CB-100	VANNED GRATE	37+01.41	15.01' L	293.31	CB-300	VANNED GRATE	26+01.41	15.02' L	201.07	CB-495EX	SOLID LID	10+91.57	22.44' L	68.14
CB-110	SOLID LID	36+96.44	18.15' L	293.45	CB-310	VANNED GRATE	25+17.72	15.01' L	193.71	CB-500EX	VANNED GRATE	10+68.61	22.03' R	64.81
CB-113EX	VANNED GRATE	11+34.10	21.66' R	71.97	CB-320	VANNED GRATE	24+45.05	14.93' L	188.45	CB-510EX	SOLID LID	10+23.92	27.32' R	60.83
CB-115	SOLID LID	36+96.35	24.12' L	293.61	CB-330	VANNED GRATE	23+36.95	14.92' L	179.34	MH-1	SOLID LID	18+63.13	17.39' L	138.57
CB-120	SOLID LID	36+16.93	17.48' L	287.37	CB-340	VANNED GRATE	22+58.46	15.01' L	172.14	MH-2	SOLID LID	18+64.70	27.79' L	141.94
CB-125	SOLID LID	36+18.36	24.85' L	288.17	CB-341	DEBRIS CAGE	22+54.52	36.35' L	173.82	WQ-1	SOLID LID	40+58.26	20.78' L	326.02
CB-130	VANNED GRATE	35+99.90	15.01' L	285.66	CB-345	SOLID LID	21+98.70	15.52' L	167.16	WQ-2	SOLID LID	37+96.06	20.27' L	301.82
CB-132	VANNED GRATE	35+63.36	31.10' L	283.33	CB-350	VANNED GRATE	21+82.27	15.02' L	165.52	WQ-3	SOLID LID	32+86.23	24.72' L	261.73
CB-135	SOLID LID	35+69.90	21.84' L	283.80	CB-351	DEBRIS CAGE	21+81.90	29.91' L	166.95	WQ-4	SOLID LID	18+86.34	21.89' L	140.43
CB-140	VANNED GRATE	35+59.76	15.01' L	282.54	CB-360	VANNED GRATE	20+27.84	14.92' L	151.58					
CB-150	VANNED GRATE	34+78.08	15.00' L	276.31	CB-361	VANNED GRATE	19+31.03	14.92' L	143.48					
CB-160	VANNED GRATE	33+63.68	15.19' L	267.62	CB-362	SOLID LID	19+31.66	25.00' L	144.87					
CB-165	SOLID LID	33+20.90	15.73' L	264.54	CB-365	SOLID LID	19+20.36	17.83' L	143.15					
CB-170	VANNED GRATE	33+02.07	14.97' L	262.66	CB-370	SOLID LID	19+20.55	24.07' L	143.23					
CB-180	SOLID LID	32+87.04	18.01' L	261.76	CB-375	SOLID LID	18+69.47	23.40' L	139.43					
CB-183EX	BI-DIRECTIONAL VANNED GRATE	10+23.94	45.34' L	60.61	CB-376	SOLID LID	18+71.27	37.96' L	143.22					

- NOTES:**
1. THE ELEVATIONS, STATION, AND OFFSET IN THIS TABLE ARE LOCATED AT THE CENTER OF THE STRUCTURE LID OR GRATE. THE ROADWAY CENTERLINE STATIONING IS USED.
 2. FOR ALL STRUCTURES WITH A GRATE, THE GRATE ELEVATION IS SET AT 0.1 FT LOWER THAN THE FINISHED SURFACE ELEVATION.

100% SUBMITTAL (NOT FOR CONSTRUCTION)

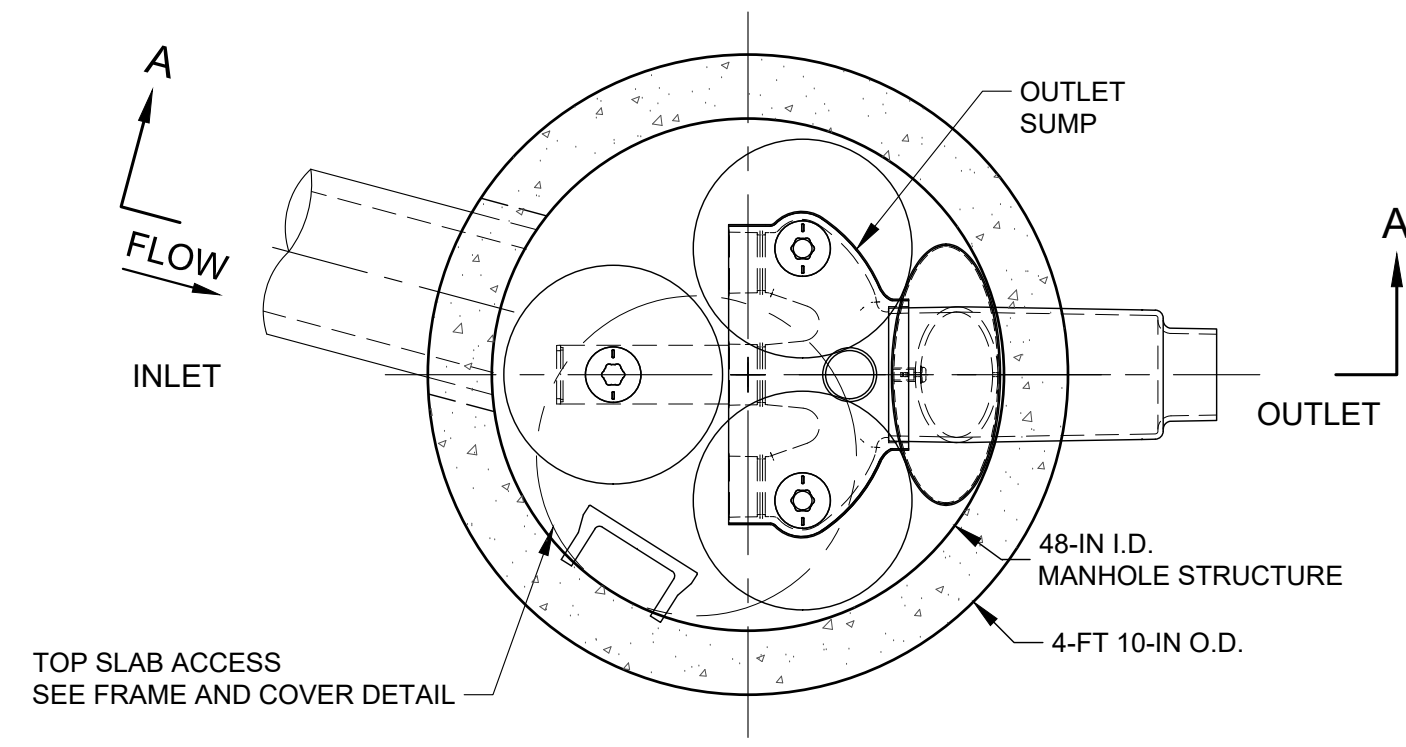
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	Osborn Consulting					



LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
STORM DRAINAGE DETAILS

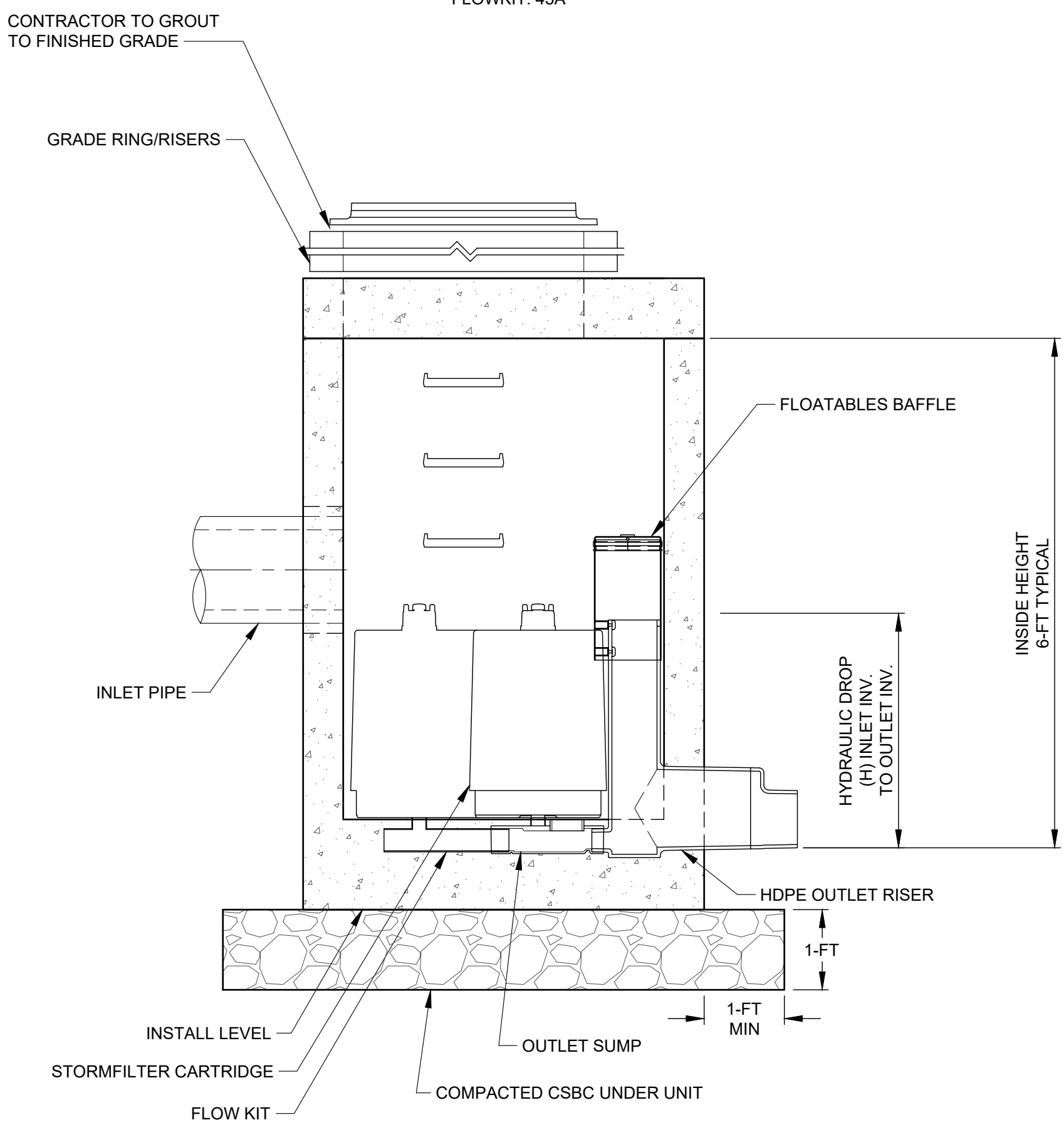
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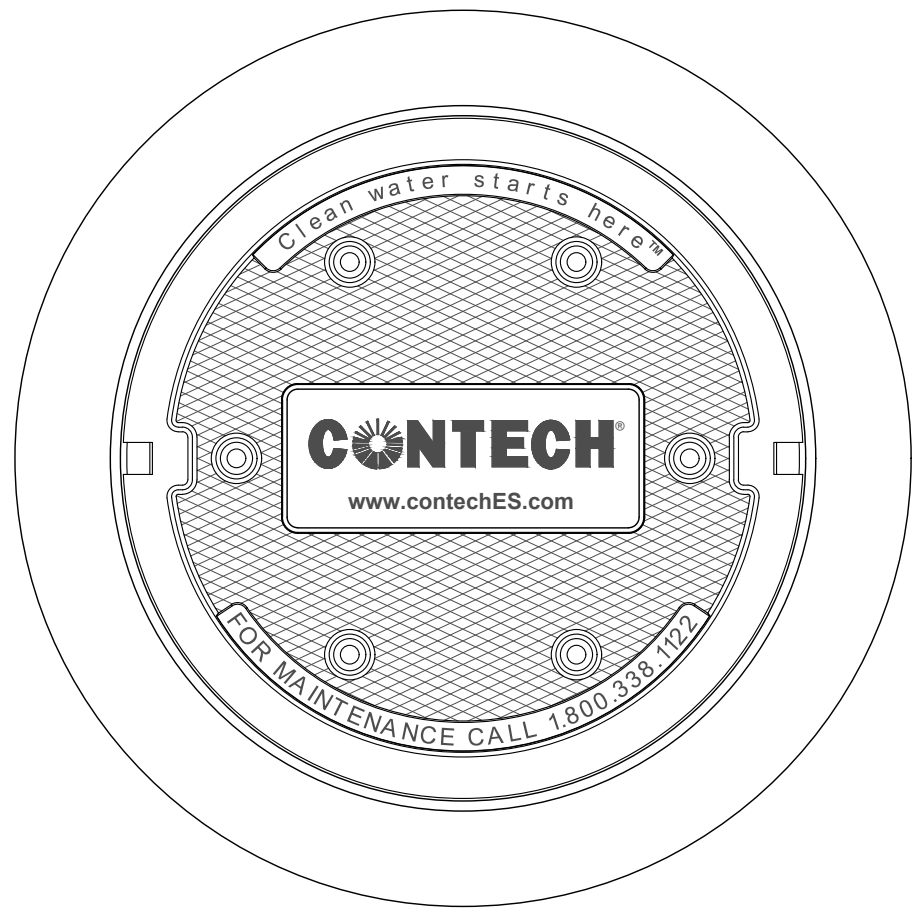


PLAN VIEW

STANDARD OUTLET RISER
FLOWKIT: 43A



SECTION A-A



FRAME AND COMPOSITE COVER

(DIAMETER VARIES)
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	WQ-1		
WATER QUALITY FLOW RATE (cfs)	0.040		
PEAK FLOW RATE (cfs)	0.34		
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	
	N/A	N/A	
NOTES/SPECIAL REQUIREMENTS: COMPOSITE COVER WITH SLIP RESISTANT FINISH FOR ACCESS RISER * PER ENGINEER OF RECORD			

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	WQ-2		
WATER QUALITY FLOW RATE (cfs)	0.075		
PEAK FLOW RATE (cfs)	0.68		
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	
	N/A	N/A	
NOTES/SPECIAL REQUIREMENTS: COMPOSITE COVER WITH SLIP RESISTANT FINISH FOR ACCESS RISER * 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)[M²].
- 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.

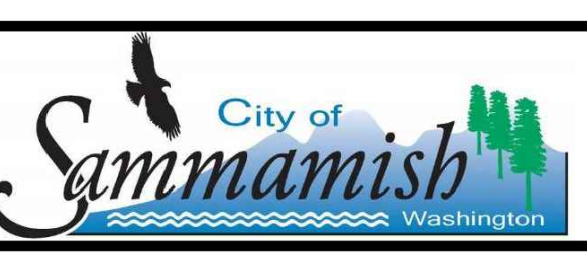
1 WATER QUALITY FACILITY (WQ-1 AND WQ-2)
25,26 N.T.S.

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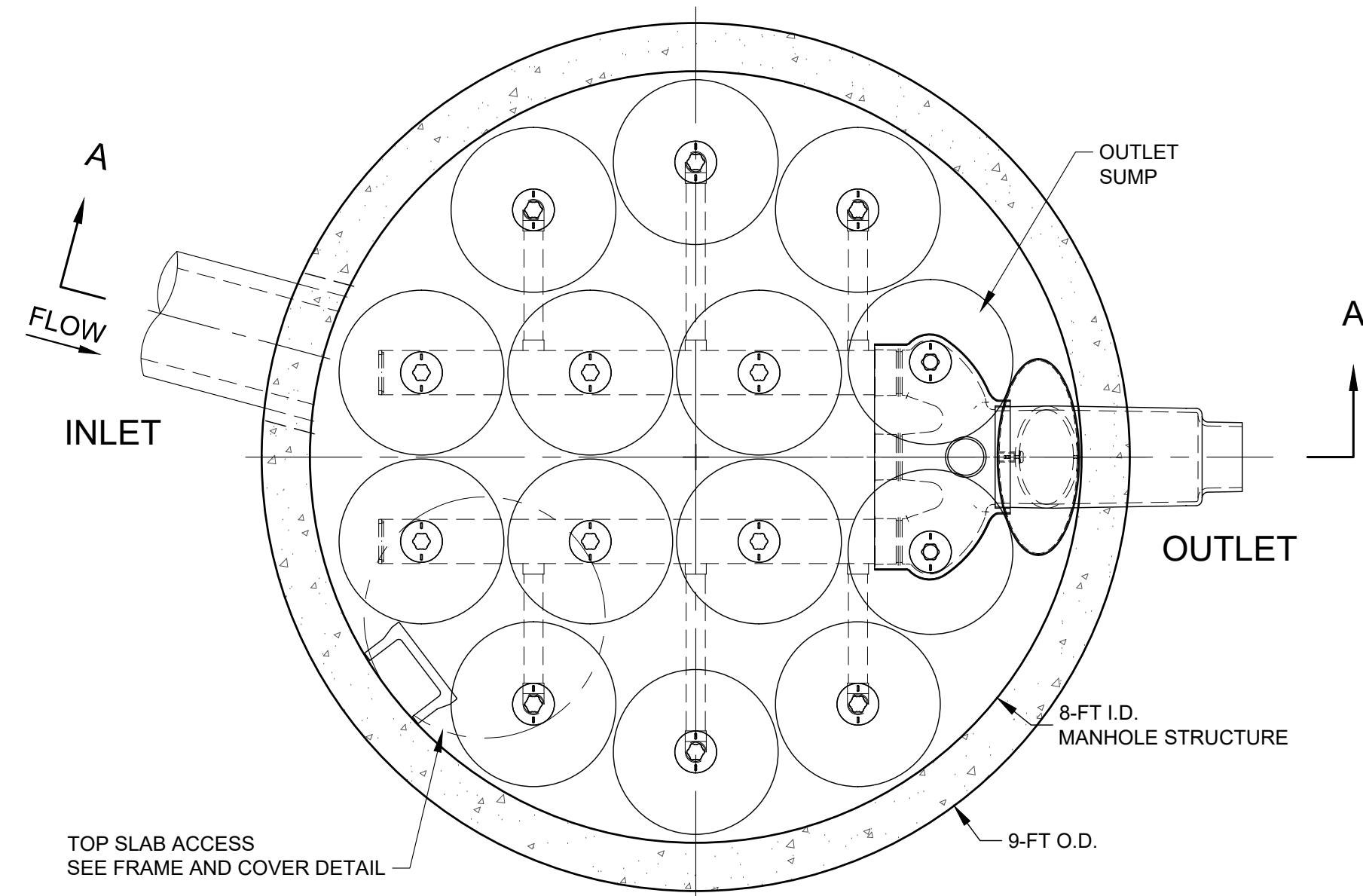


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
STORM DRAINAGE DETAILS

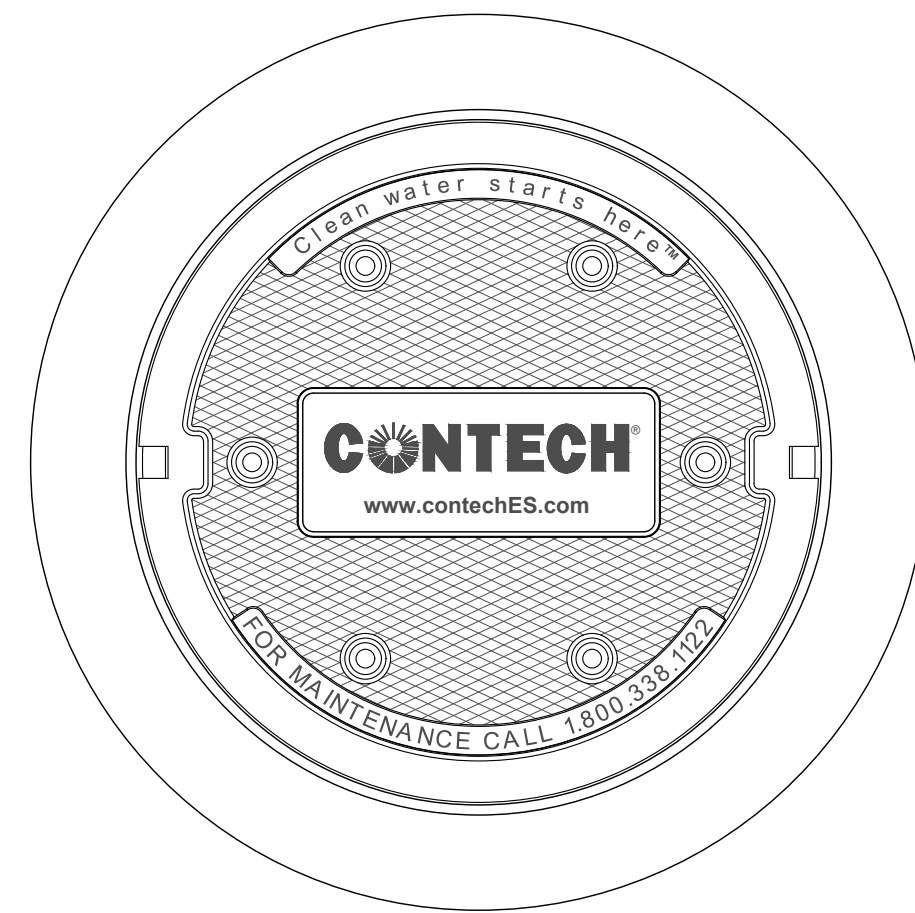
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 USER NAME: LAURA TURNIDGE



PLAN VIEW



FRAME AND COMPOSITE COVER

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	WQ-3		
WATER QUALITY FLOW RATE (cfs)	0.32		
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	261.55		
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT	
	N/A	N/A	
NOTES/SPECIAL REQUIREMENTS: COMPOSITE COVER FOR ACCESS RISER			
* PER ENGINEER OF RECORD			

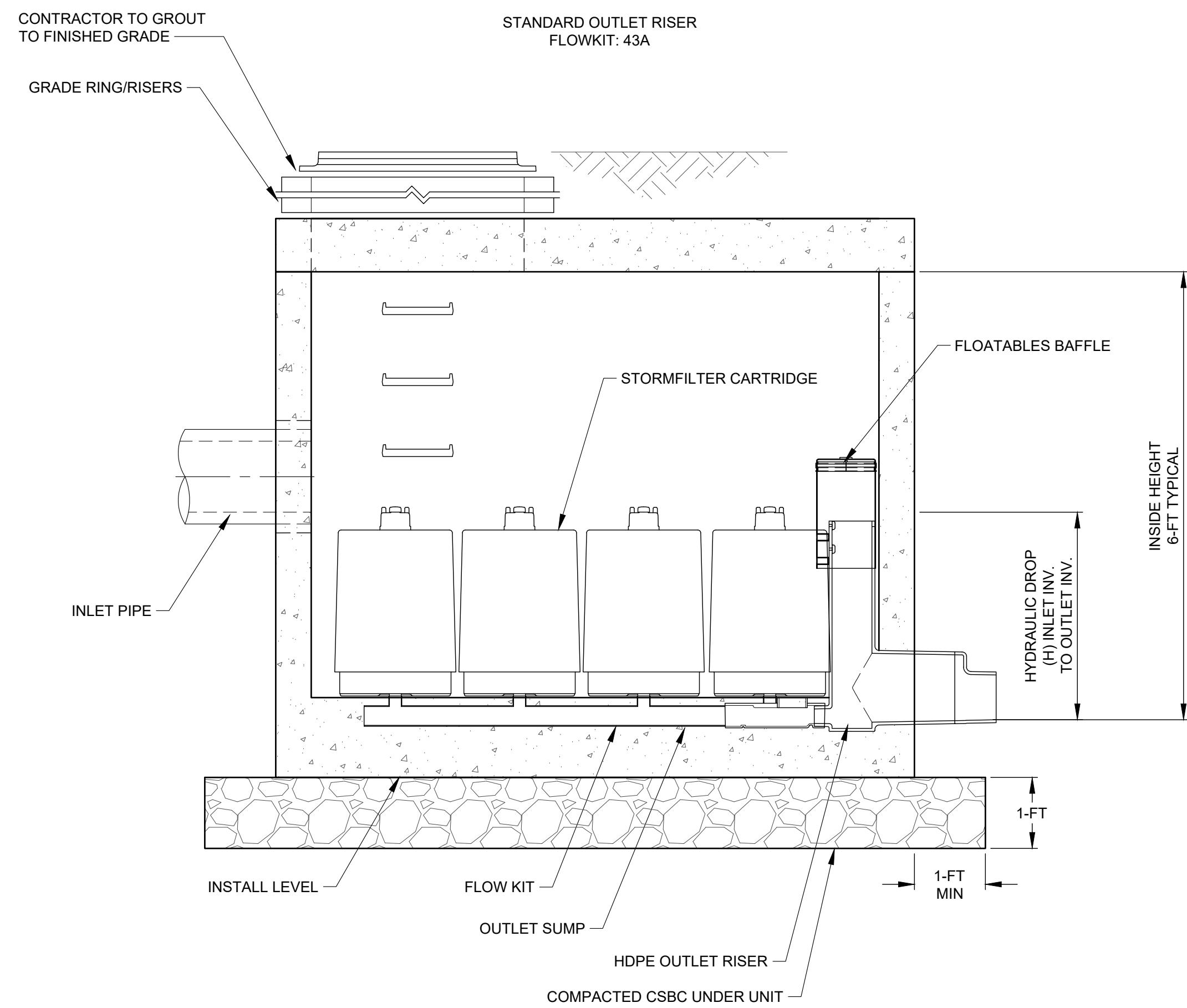
SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	WQ-4		
WATER QUALITY FLOW RATE (cfs)	0.289		
PEAK FLOW RATE (cfs)	1.8		
RETURN PERIOD OF PEAK FLOW (yrs)	100		
CARTRIDGE HEIGHT	27-IN		
NUMBER OF CARTRIDGES REQUIRED	14		
CARTRIDGE FLOW RATE (gpm)	11.25		
MEDIA TYPE (PERLITE, ZPG, PSORB)	ZPG		
PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE #1	136.34	TBD	12-IN
OUTLET PIPE	133.29	TBD	12-IN
RIM ELEVATION	141.22		
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT	
	N/A	N/A	
NOTES/SPECIAL REQUIREMENTS: COMPOSITE COVER FOR ACCESS RISER			
* 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) [M²].
- 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.



SECTION A-A

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

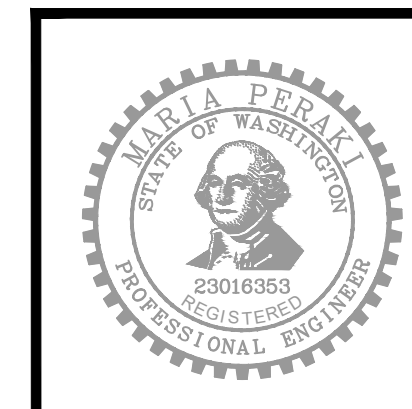
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NO.	DATE	REVISION	BY

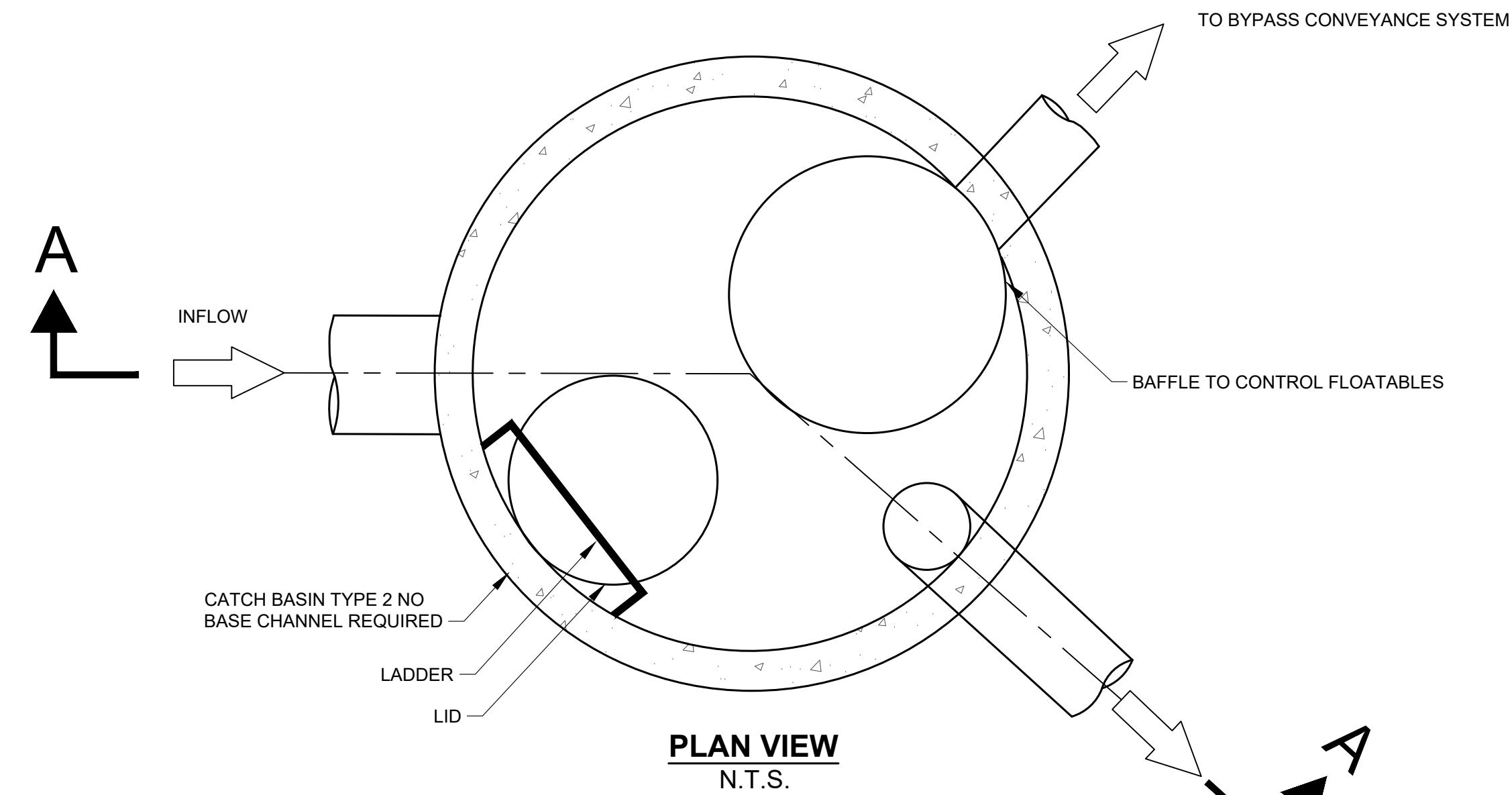


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 STORM DRAINAGE DETAILS

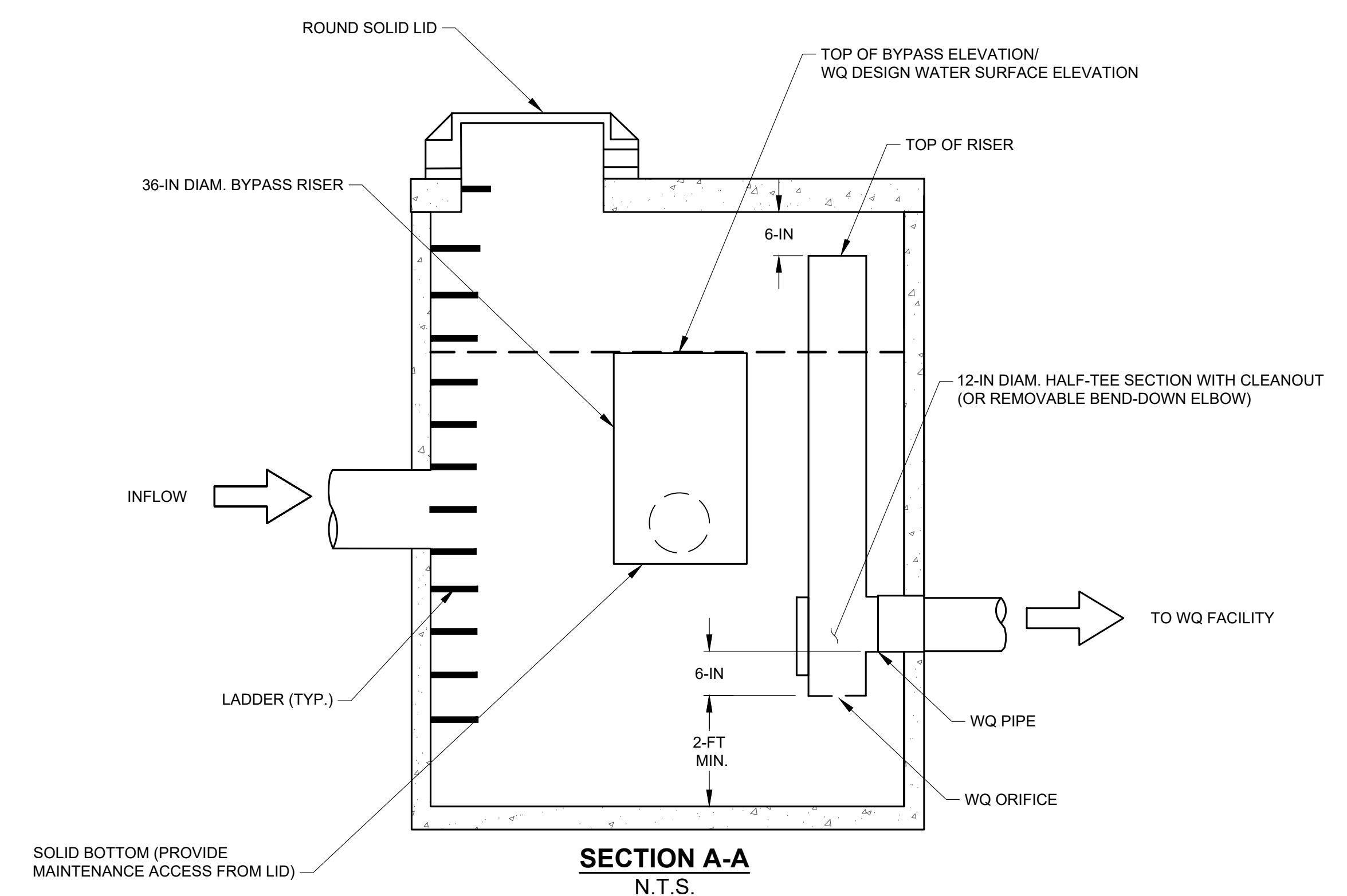
JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: N/A V: N/A	DR14	SHEET 31 of 102



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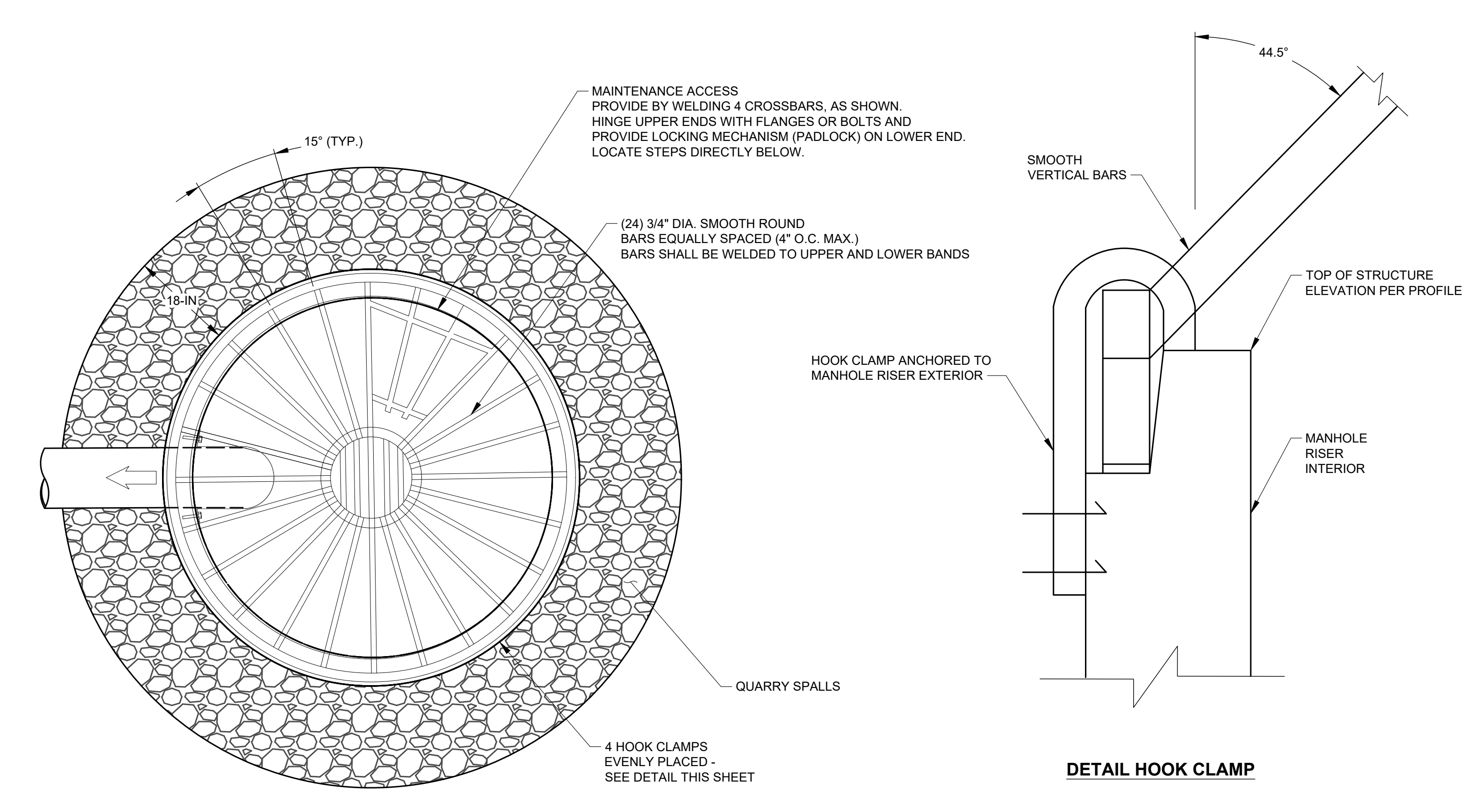


PLAN VIEW
N.T.S.



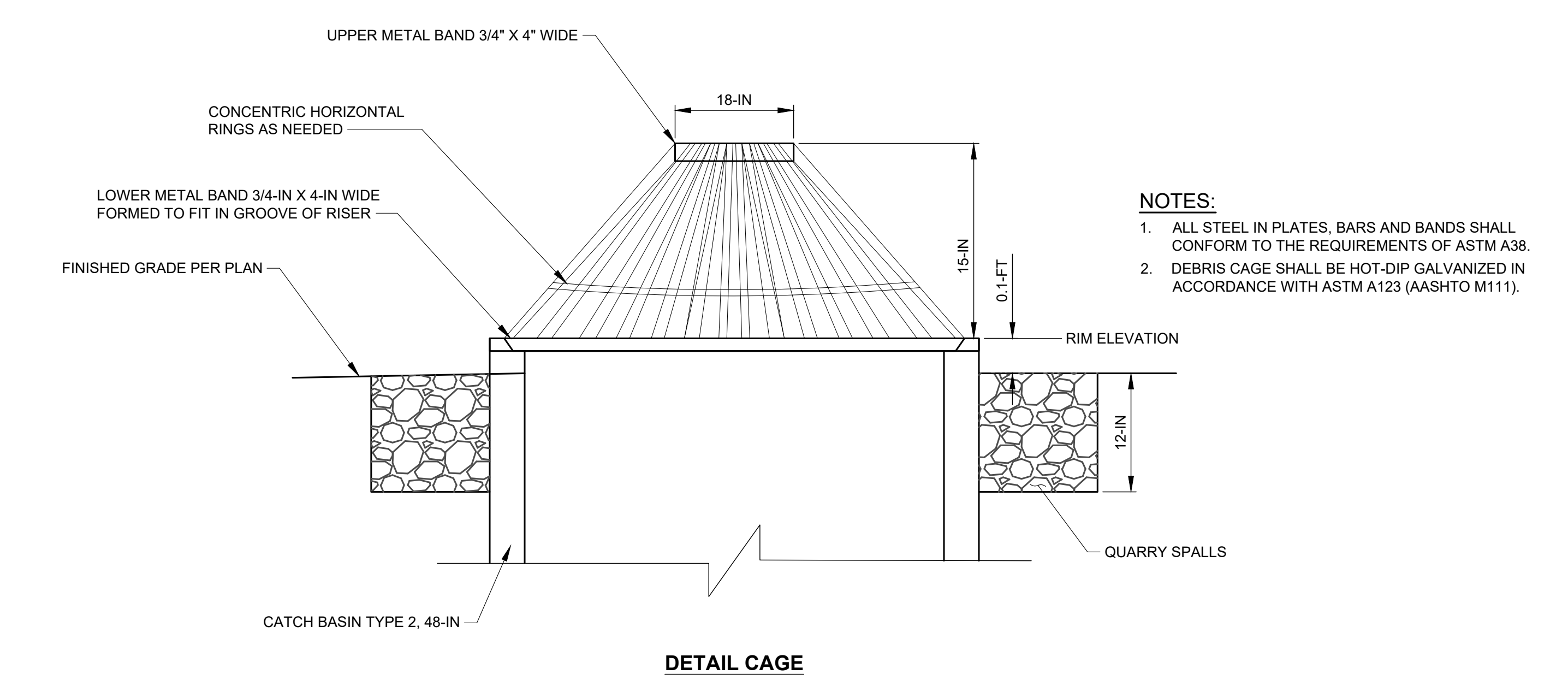
SECTION A-A
N.T.S.

STRUCTURE ID	WQ PIPE IE	WQ ORIFICE DIA (IN)	TOP OF BYPASS ELEVATION
CB-365	136.54	3.0	138.54
CB-180	255.29	3.0	257.29



PLAN VIEW

DETAIL HOOK CLAMP



DETAIL CAGE

NOTES:

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

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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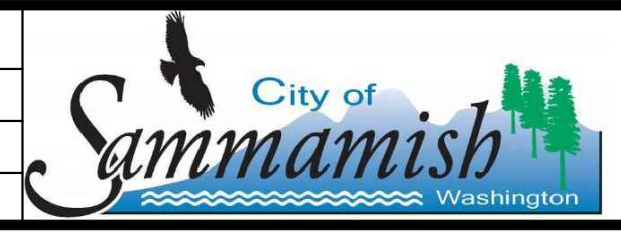
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 PLOT TIME: 1/28/2024 12:41 PM
 USER NAME: LAURA TURNDIGE

DESIGNED BY
MP

DRAWN BY
LT/LO/FJ

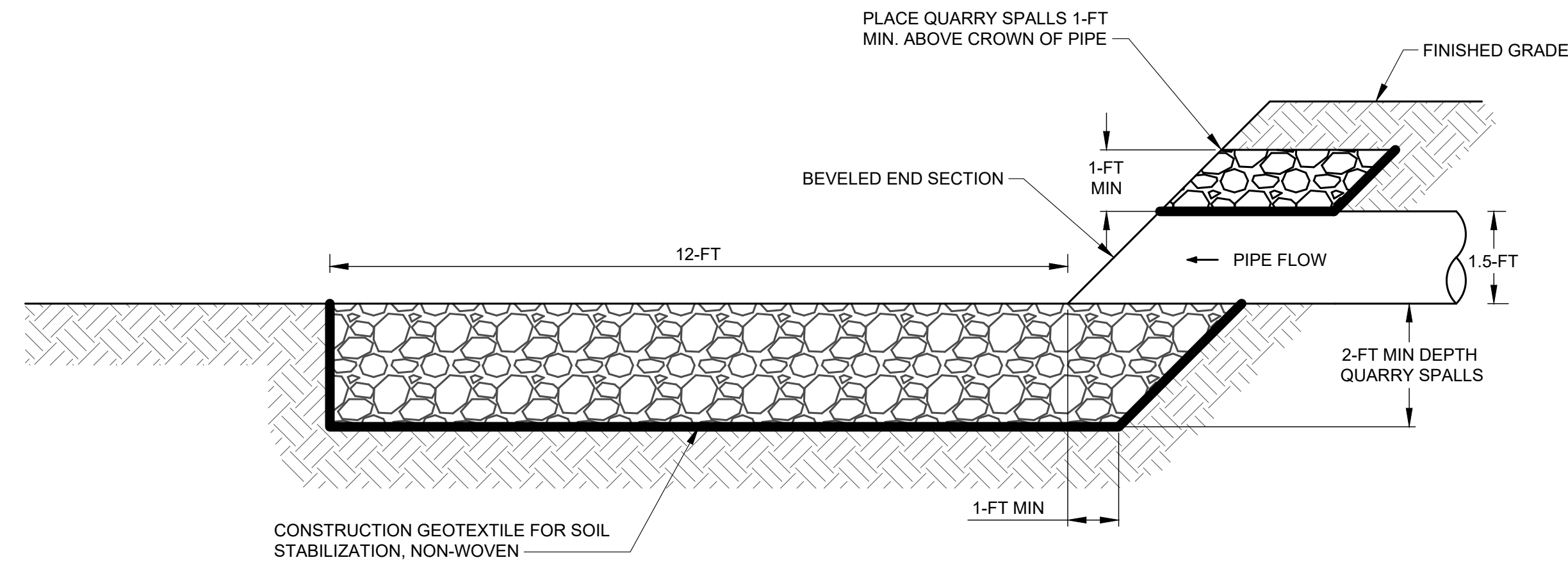
CHECKED BY
LR

NO.	DATE	REVISION	BY

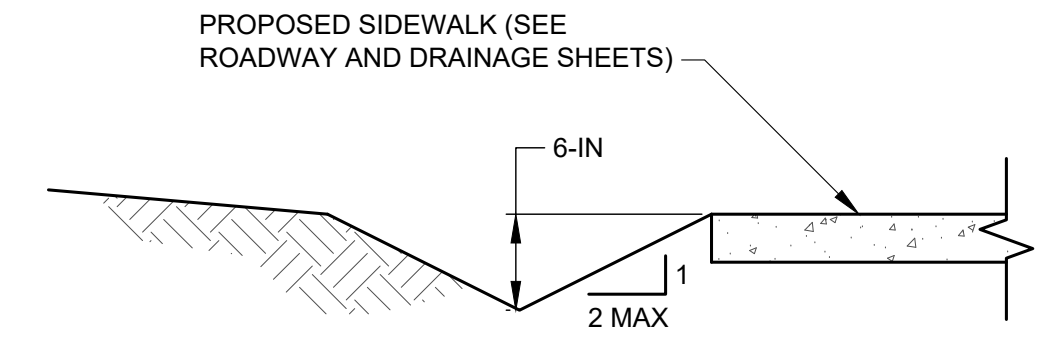


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
STORM DRAINAGE DETAILS

JOB# / DWG		DATE
10-210058		01/29/2024
SCALE		DR15
H: N/A	V: N/A	SHEET 32 of 102

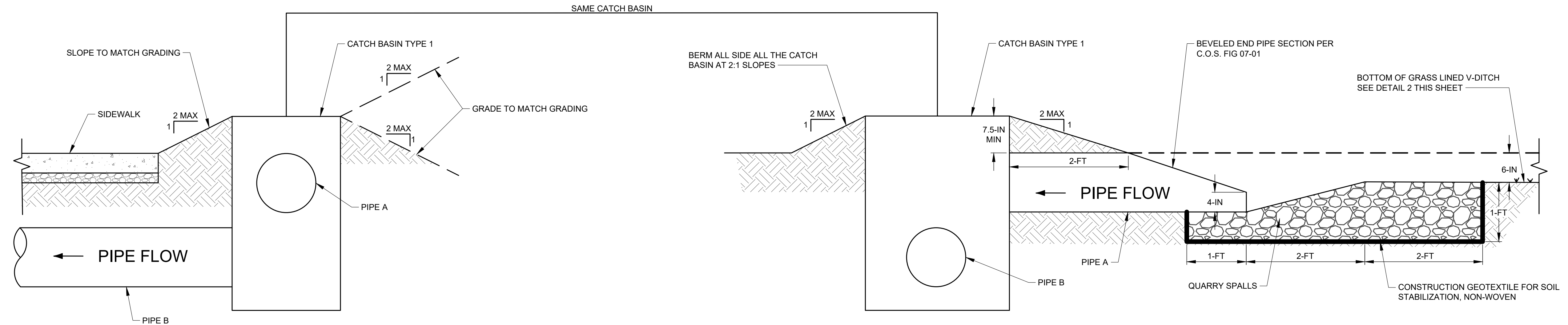


1 **OUTFALL PROTECTION PAD**
19 N.T.S.



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.

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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01\LAURA TURNIDGE\MS265661P_10-210058_STRM_DET.DWG
PLOT TIME: 1/29/2024 12:41 PM
USER NAME: LAURA TURNIDGE

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

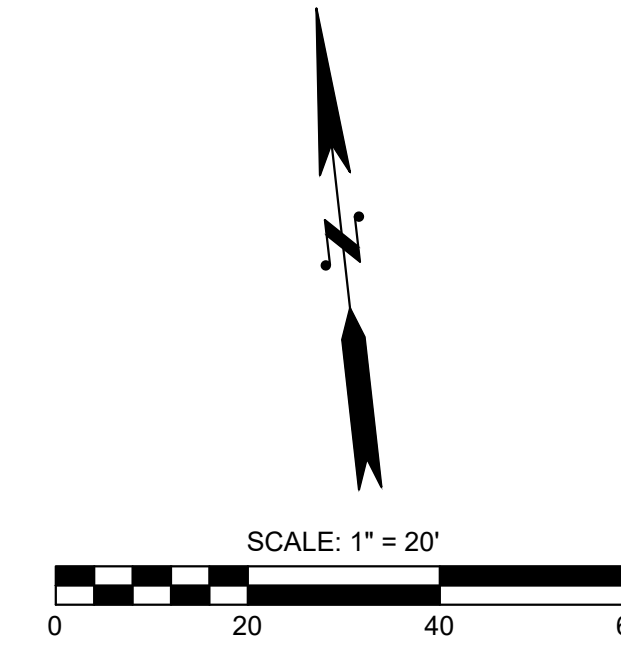
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NO.	DATE	REVISION	BY



LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
STORM DRAINAGE DETAILS

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: N/A V: N/A	DR16 SHEET 33 of 102



GENERAL NOTES:

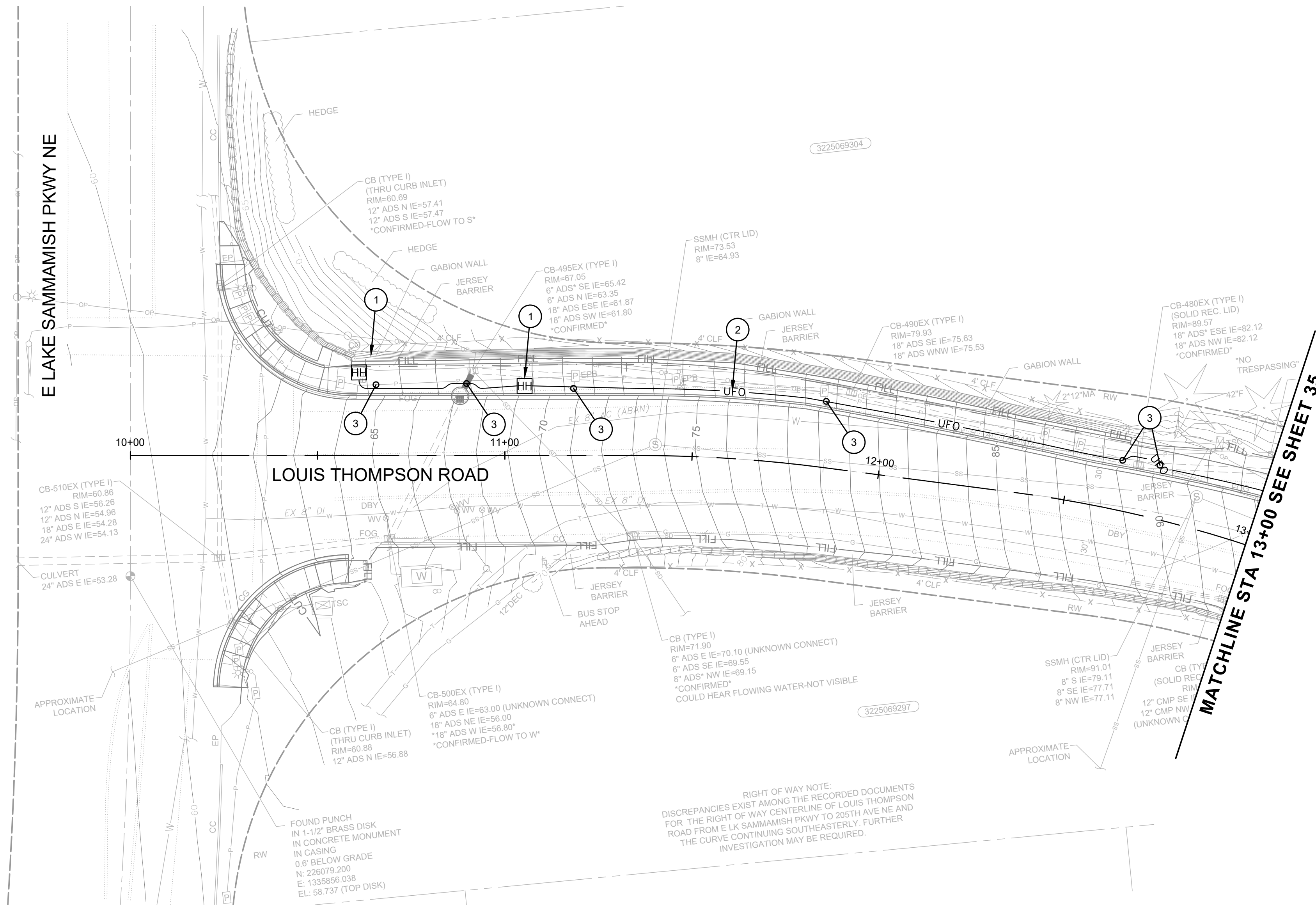
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8. WHEN TRENCHING AND RESTORATION IS COMPLETE, ALL ROCKS AND DEBRIS SHALL BE HAULED OFF AND LEGALLY DISPOSED.

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 44.
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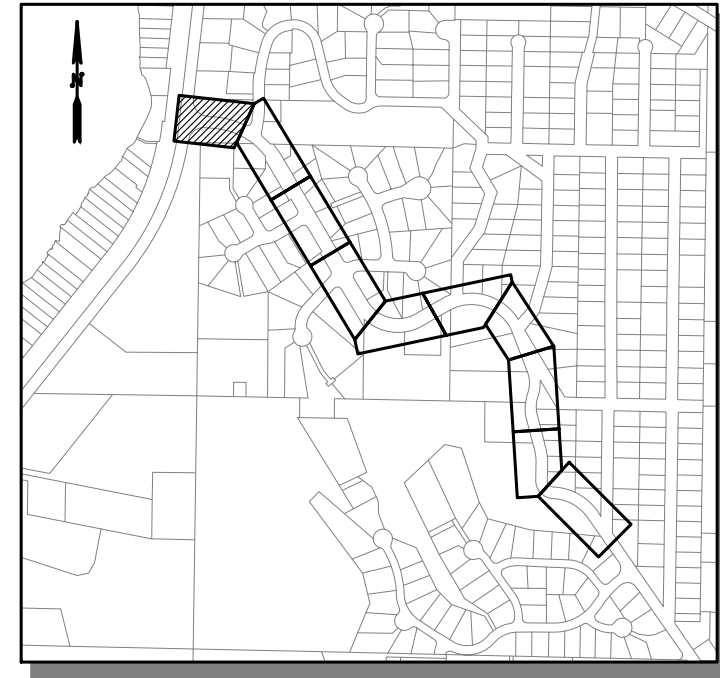
LEGEND

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



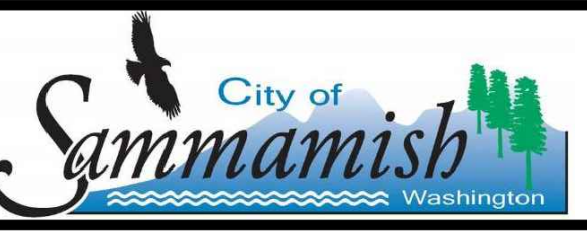
RIGHT OF WAY NOTE:
DISCREPANCIES EXIST AMONG THE RECORDED DOCUMENTS FOR THE RIGHT OF WAY CENTERLINE OF LOUIS THOMPSON ROAD FROM E LK SAMMAMISH PKWY TO 205TH AVE NE AND THE CURVE CONTINUING SOUTHEASTERLY. FURTHER INVESTIGATION MAY BE REQUIRED.

FILE NAME: C:\P\O\O\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\265661P_10-210058_COMM.DWG
PLOT TIME: 1/26/2024 12:41 PM
USER NAME: LAURA TURNDIGE



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

NO.	DATE	REVISION	BY



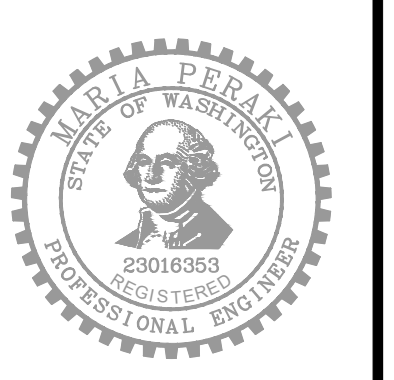
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
COMMUNICATION CONDUITS PLAN

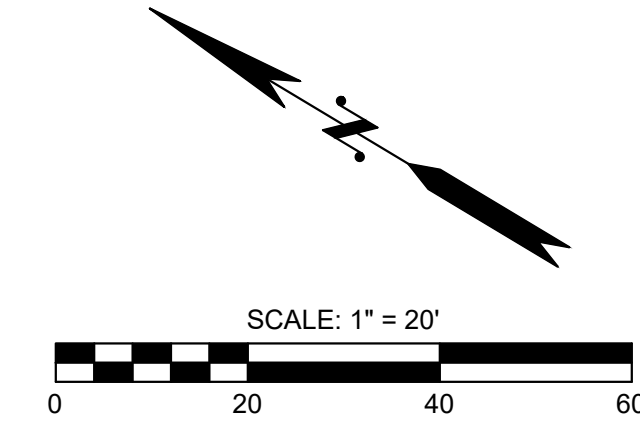
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SCALE H: 1"=20' V: N/A	PROJECT NO. CO01
SHEET 34 of 102	

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GENERAL NOTES:

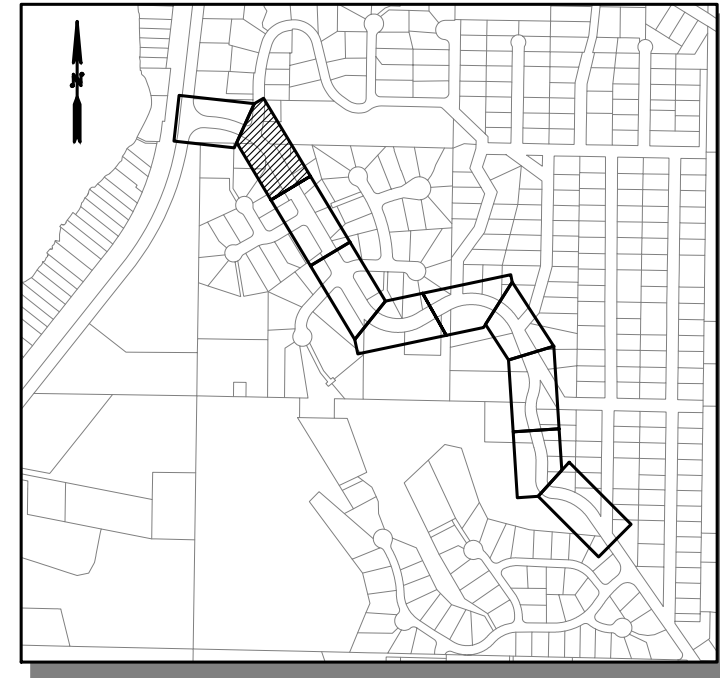
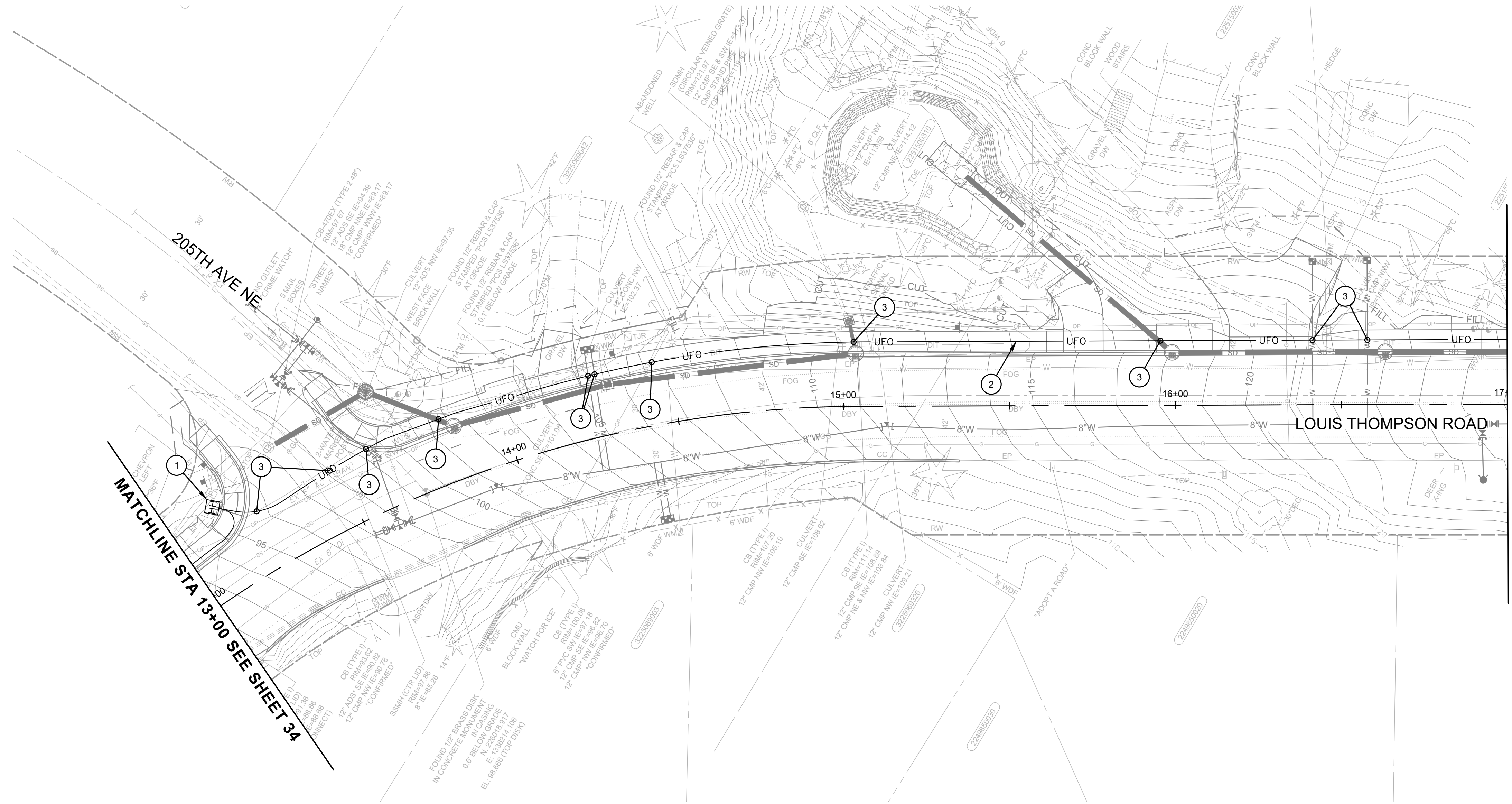
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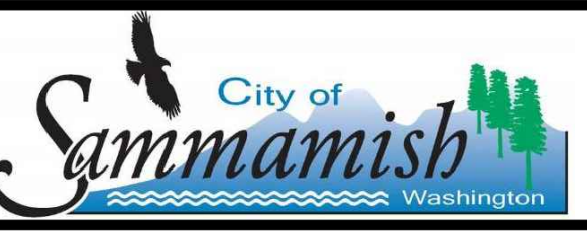
LEGEND

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- ⌘ HAND HOLE



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MP
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LT/LO/FJ
CHECKED BY
LR

NO.	DATE	REVISION	BY



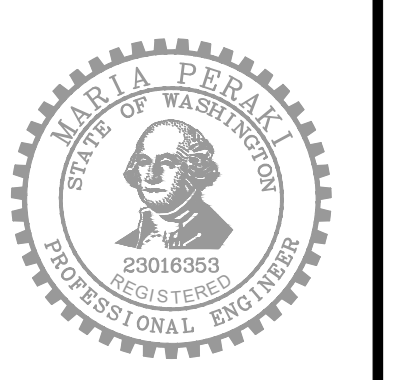
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=20' V: N/A	CO02 SHEET 35 of 102

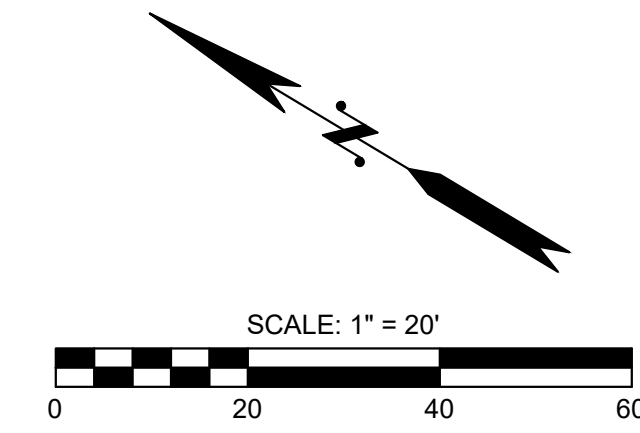
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FILE NAME: C:\PIV_OCI_WORKINGDIROSBORCONCONSULTING-PW.BENTLEY.COM_OSBORCONCONSULTING-PW-01LAURA TURNIDGE\MS265661P_10-210058_COMM.DWG
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 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

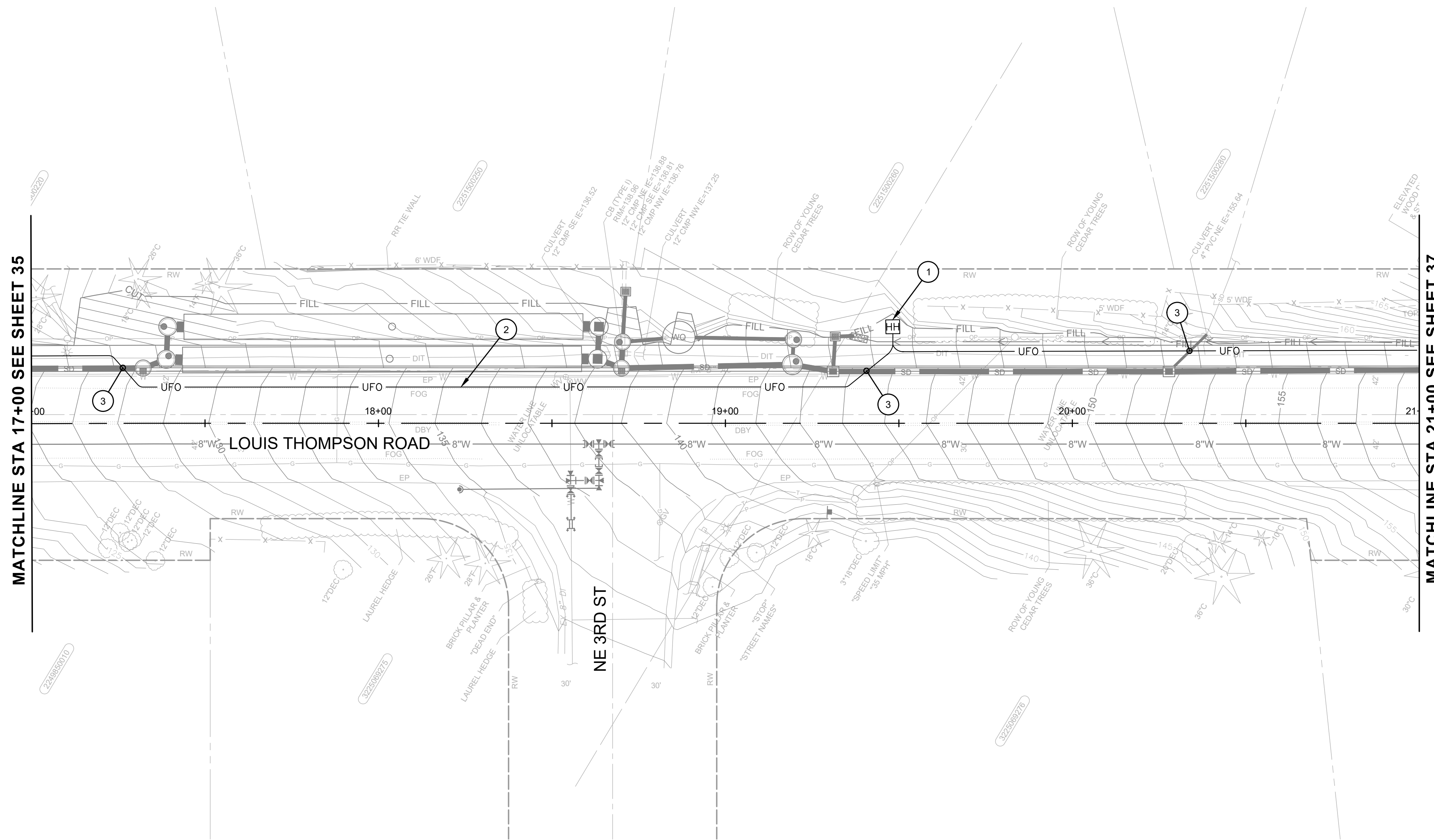
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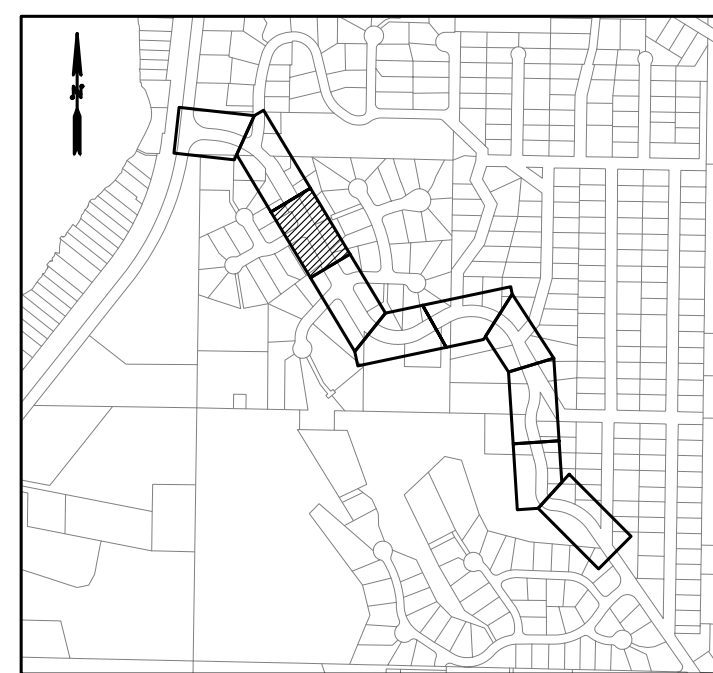
LEGEND

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



MATCHLINE STA 17+00 SEE SHEET 35

MATCHLINE STA 21+00 SEE SHEET 37

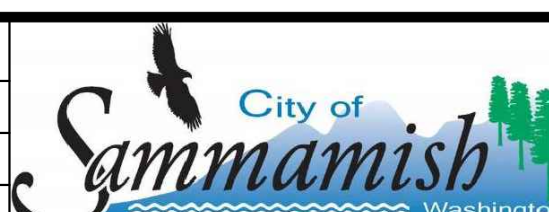


KEY MAP

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DRAWN BY
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CHECKED BY
LR



NO.	DATE	REVISION	BY



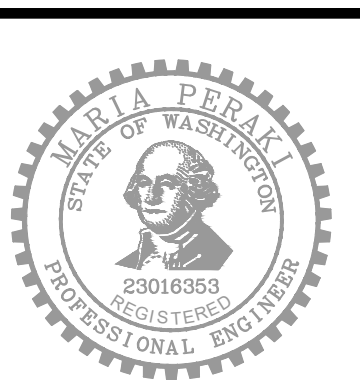
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
COMMUNICATION CONDUITS PLAN

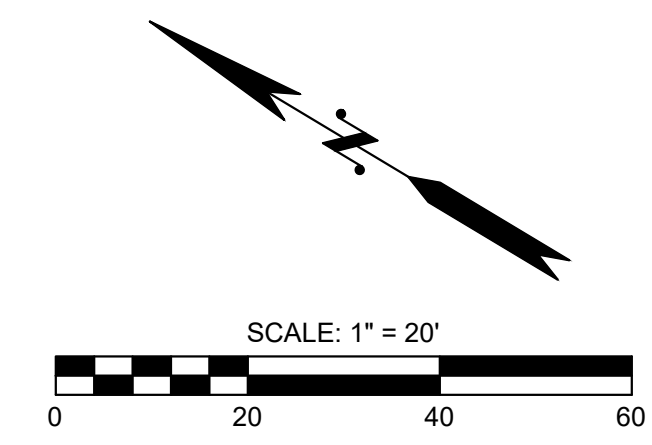
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GENERAL NOTES:

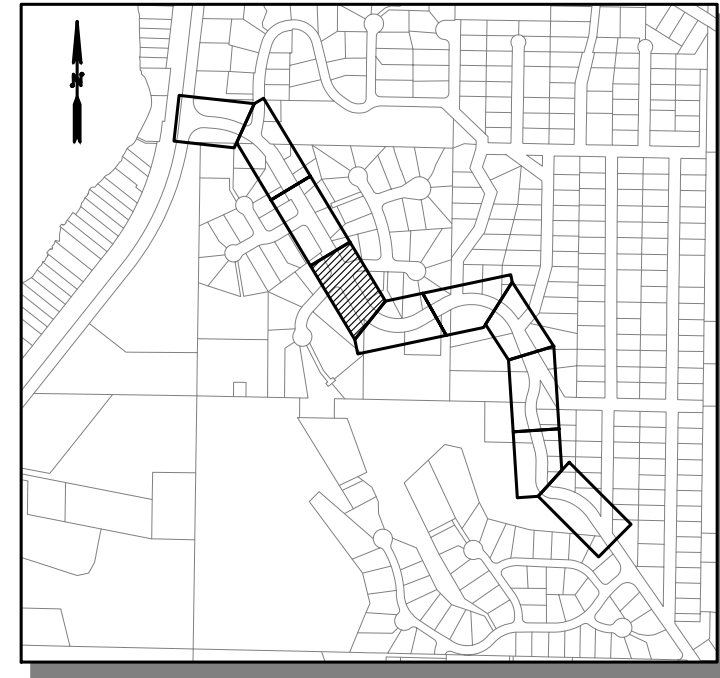
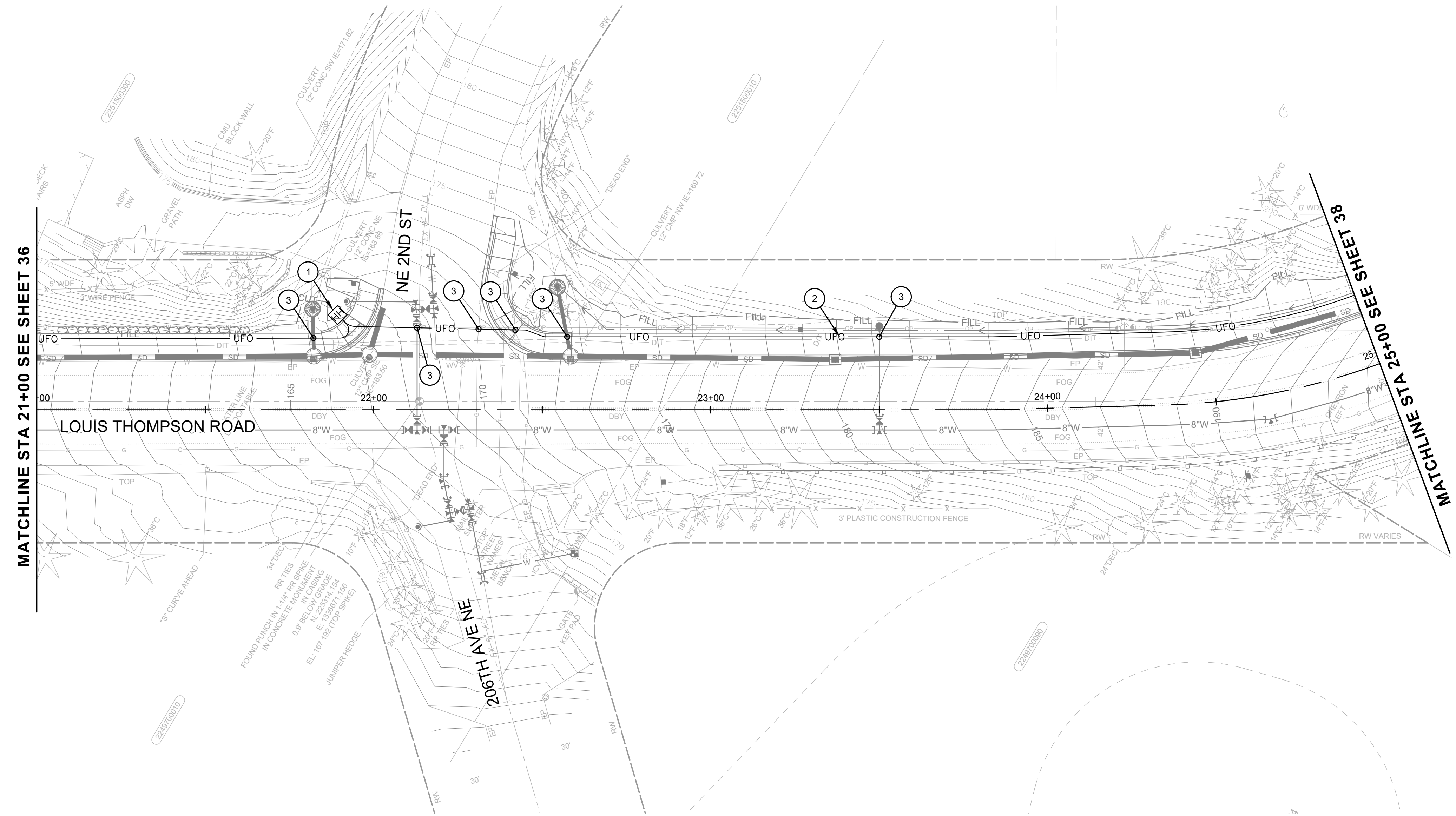
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LEGEND

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



FILE NAME: C:\P\1_OCI_WORKING\DIOSBORNCONSULTING-PW.BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_COMM.DWG
PLOT TIME: 1/26/2024 12:41 PM
USER NAME: LAURA TURNIDGE

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

NO.	DATE	REVISION	BY



LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
COMMUNICATION CONDUITS PLAN

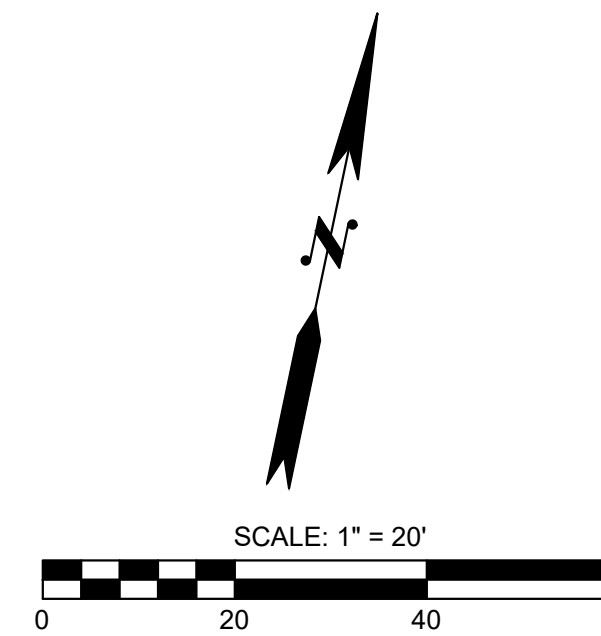
JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=20' V: N/A	CO04 SHEET 37 of 102

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GENERAL NOTES:

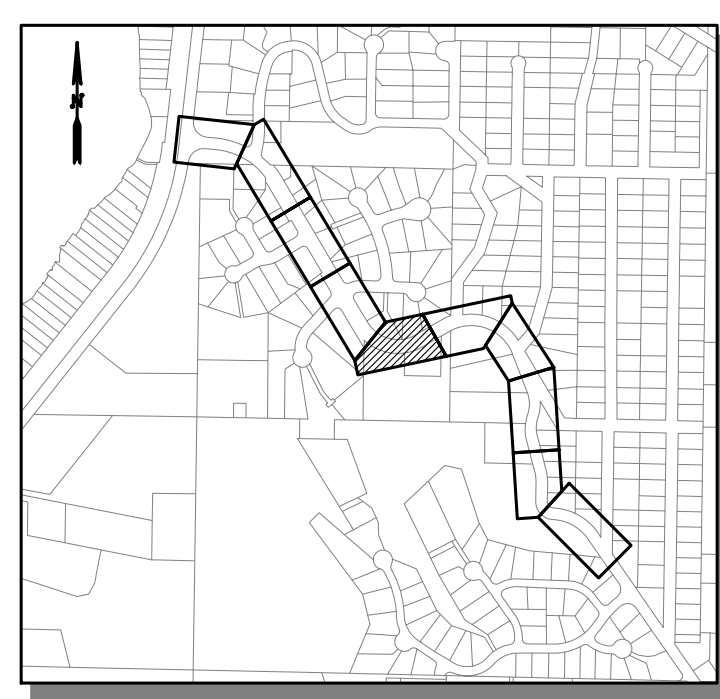
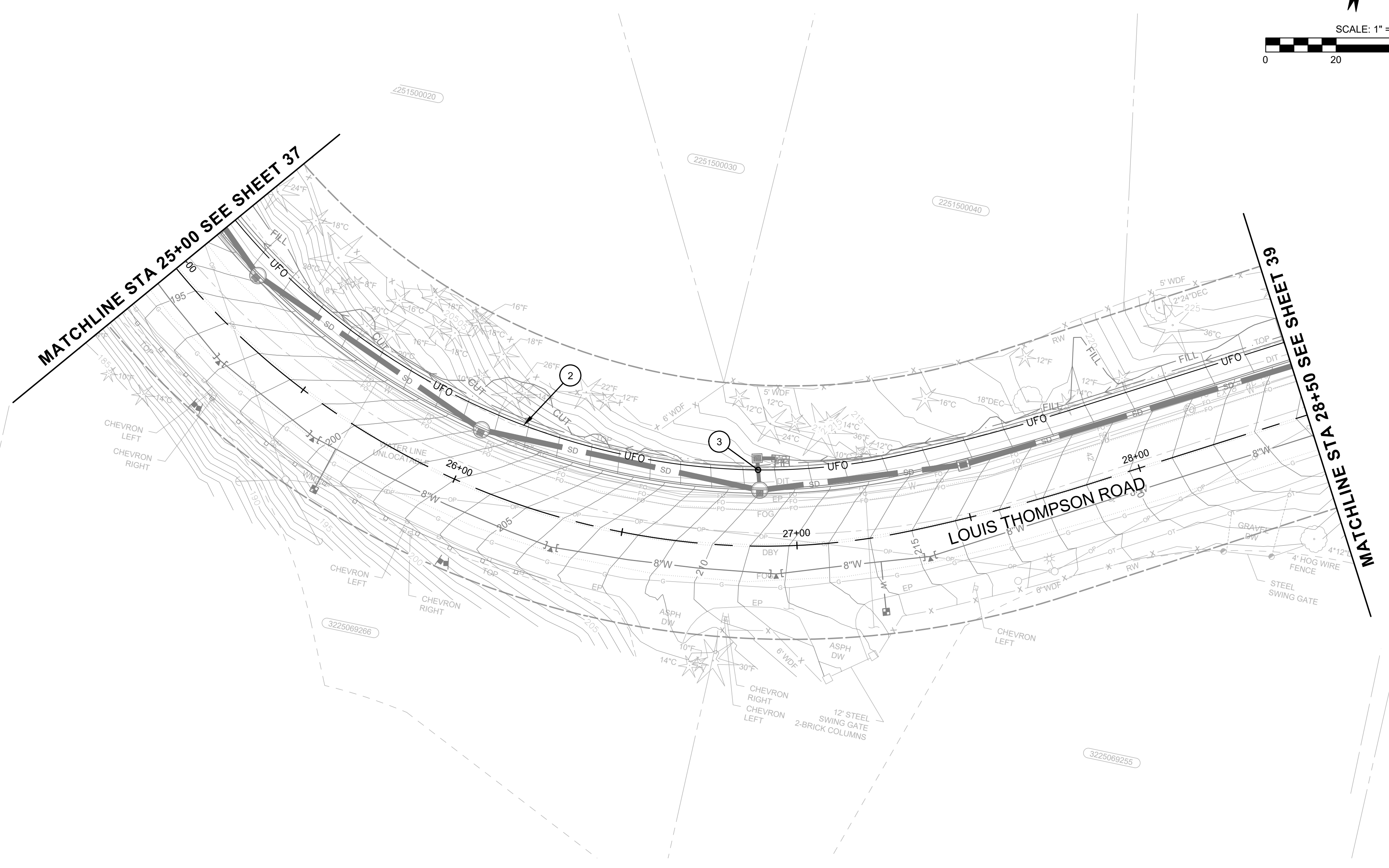
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LEGEND



- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



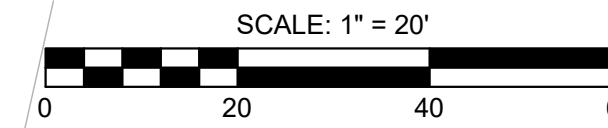
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DESIGNED BY MP DRAWN BY LT/LO/FJ CHECKED BY LR 		LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH COMMUNICATION CONDUITS PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
		SCALE H: 1"=20' V: N/A		CO05 SHEET 38 of 102	
NO.	DATE	REVISION	BY		

FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_COMM.DWG
 PLOT TIME: 1/29/2024 12:41 PM
 USER NAME: LAURA TURNIDGE



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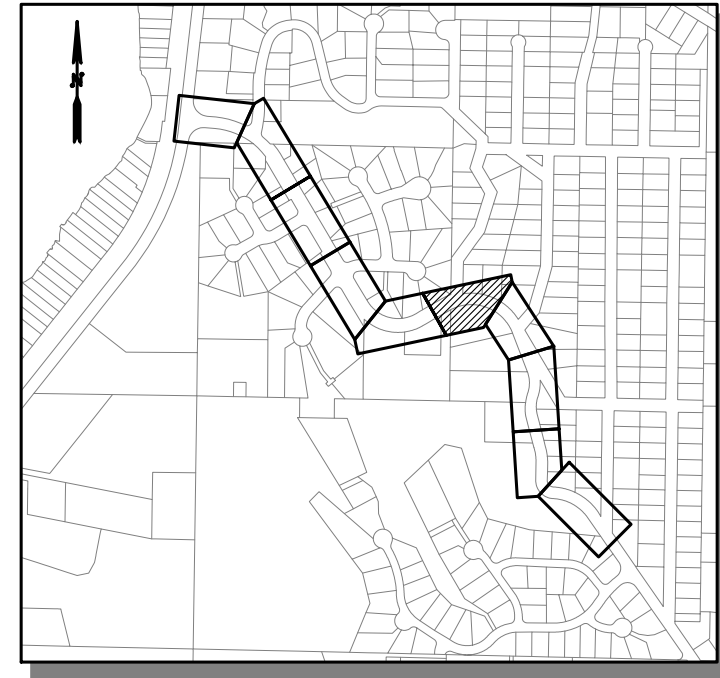
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5. CONTRACTOR TO VERIFY THAT THE SUM OF CONDUIT BEND ANGLES FOR EACH RUN (HANDHOLE TO HANDHOLE) DOES NOT EXCEED 360 DEGREES. ADDITIONAL HANDHOLE TO BE INSTALLED WITHIN RUNS TO ENSURE SUM OF BEND ANGLES IS BELOW THE THRESHOLD.
6. ANY ROADWAY SIGNAGE 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 44.
2. INSTALL TWO 3-INCH SCHEDULE 40 PVC CONDUITS WITH LOCATABLE WIRE FOR FUTURE FIBER OPTIC CABLE PER DETAILS ON SHEET 44.
3. CAUTION: UTILITY CROSSING. IF IN CONFLICT, INSTALL AROUND OBSTRUCTION PER DETAIL ON SHEET 44.

LEGEND

- UFO— UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



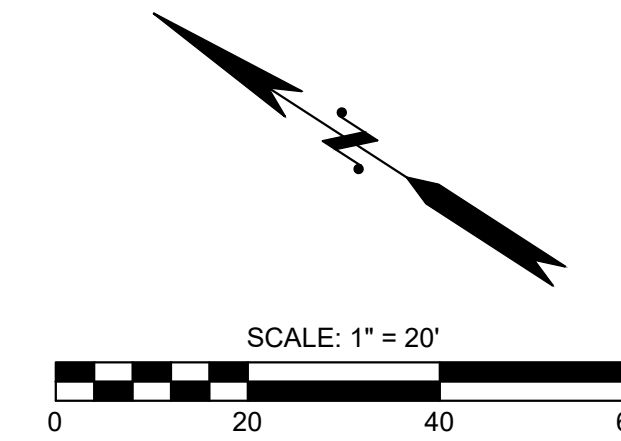
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DESIGNED BY MP DRAWN BY LT/LO/FJ CHECKED BY LR		NO. DATE REVISION BY		LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH COMMUNICATION CONDUITS PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
				SCALE H: 1"=20' V: N/A	CODE CO06	SHEET 39 of 102	

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_COMM.DWG
 PLOT TIME: 1/29/2024 12:42 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

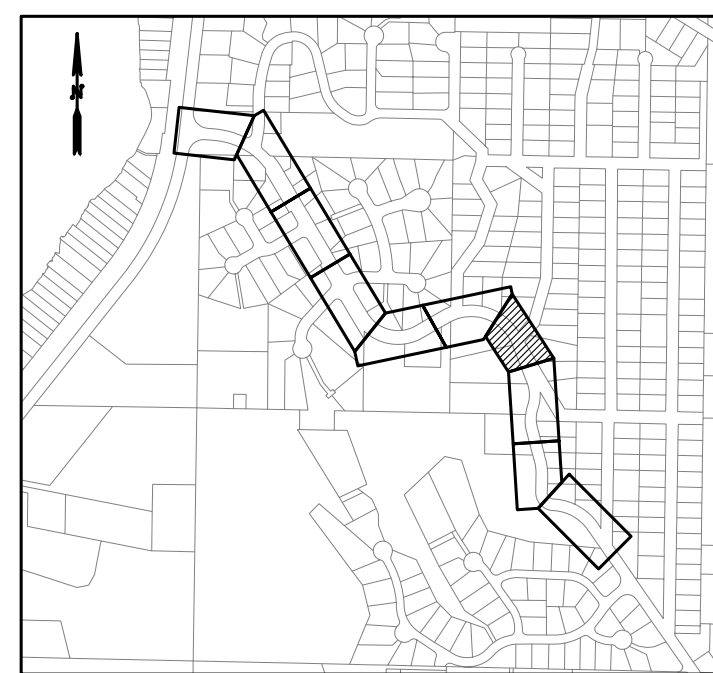
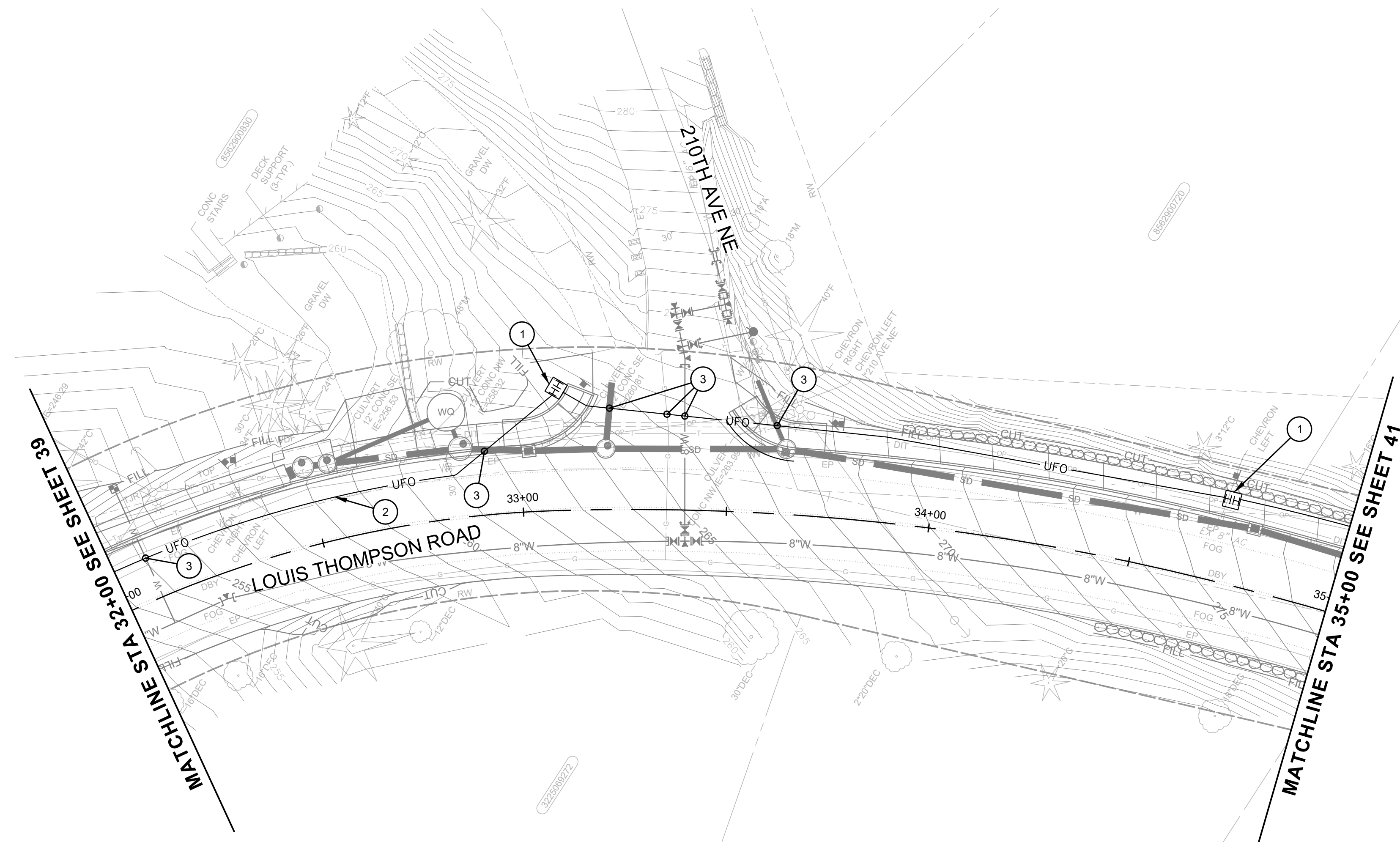
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CONSTRUCTION NOTES:

1. INSTALL PRECAST CONCRETE HANDHOLE (48"X48"X24") WITH HINGED ANTI-SLIP PLATE/LOCKING DEVICE COVER. SEE TYPICAL TRENCH AT HANDHOLE DETAIL ON SHEET 44.
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LEGEND

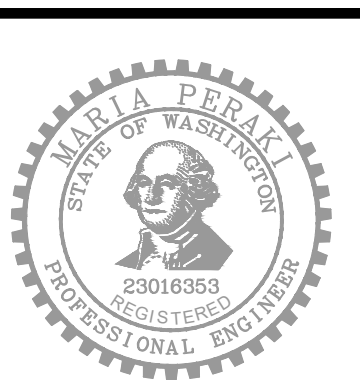
- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE





KEY MAP

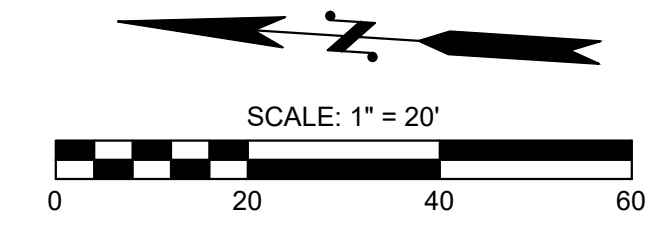


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DESIGNED BY MP DRAWN BY LT/LO/FJ CHECKED BY LR 		LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH COMMUNICATION CONDUITS PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
		NO.	DATE	REVISION	BY



GENERAL NOTES:

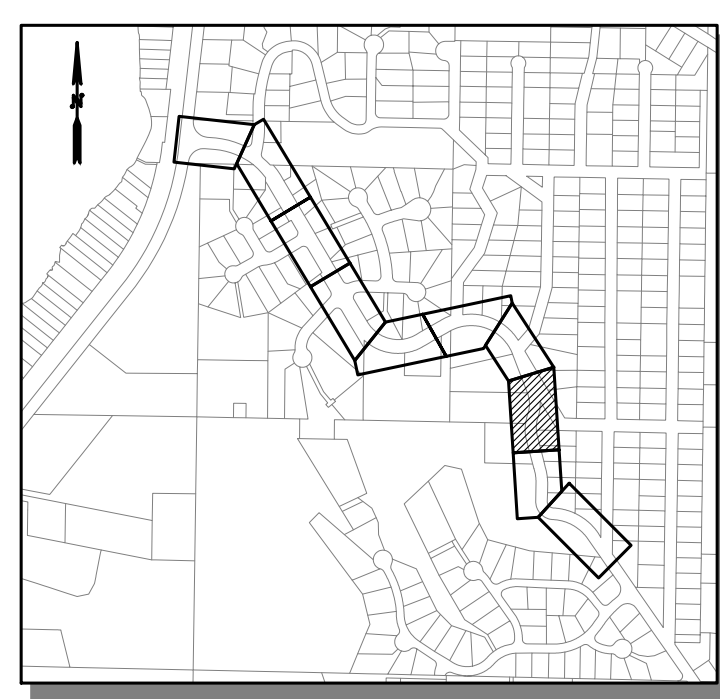
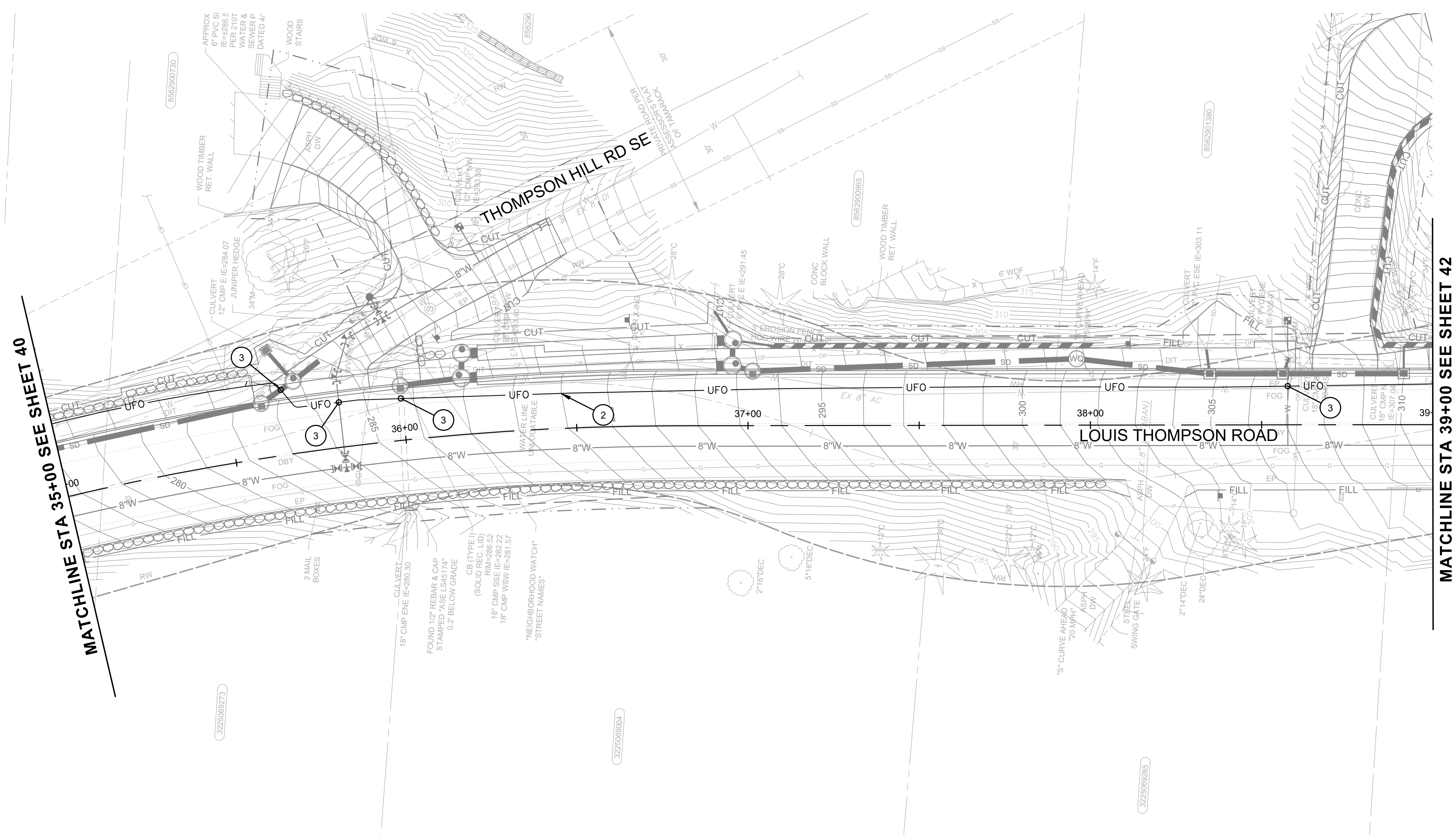
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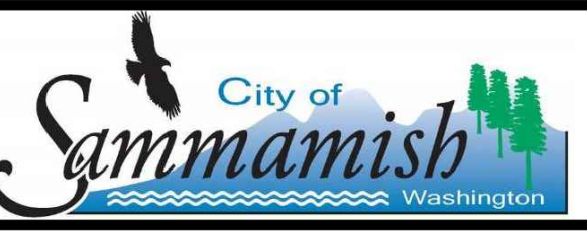
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LEGEND

- UFO— UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



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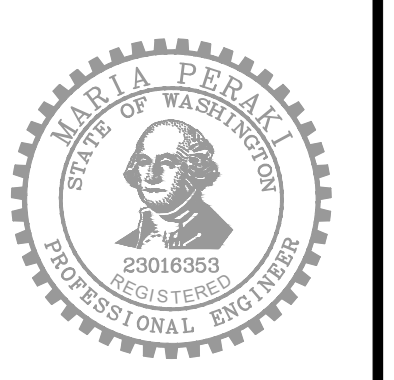
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=20' V: N/A	CO08 SHEET 41 of 102

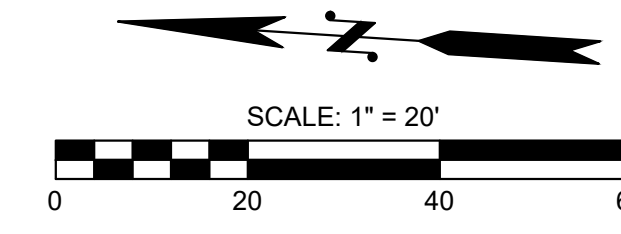
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PLOT TIME: 1/29/2024 12:42 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

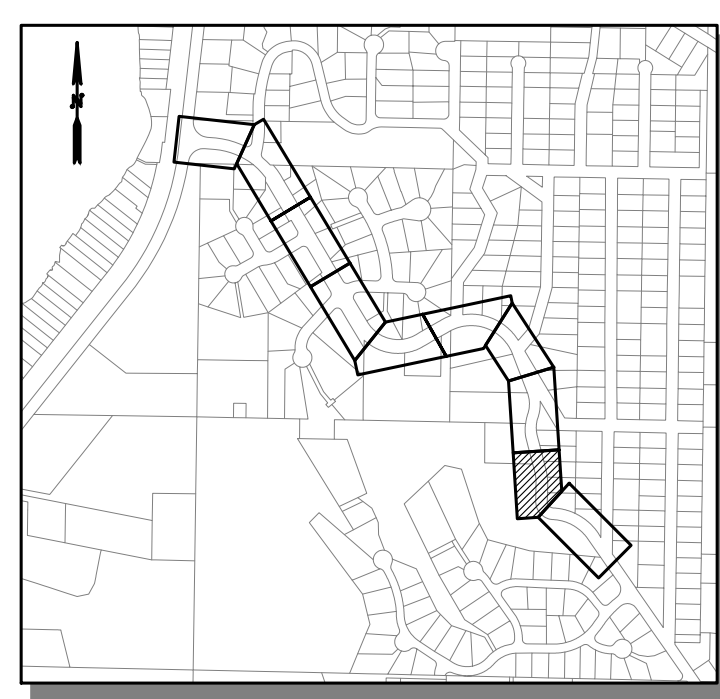
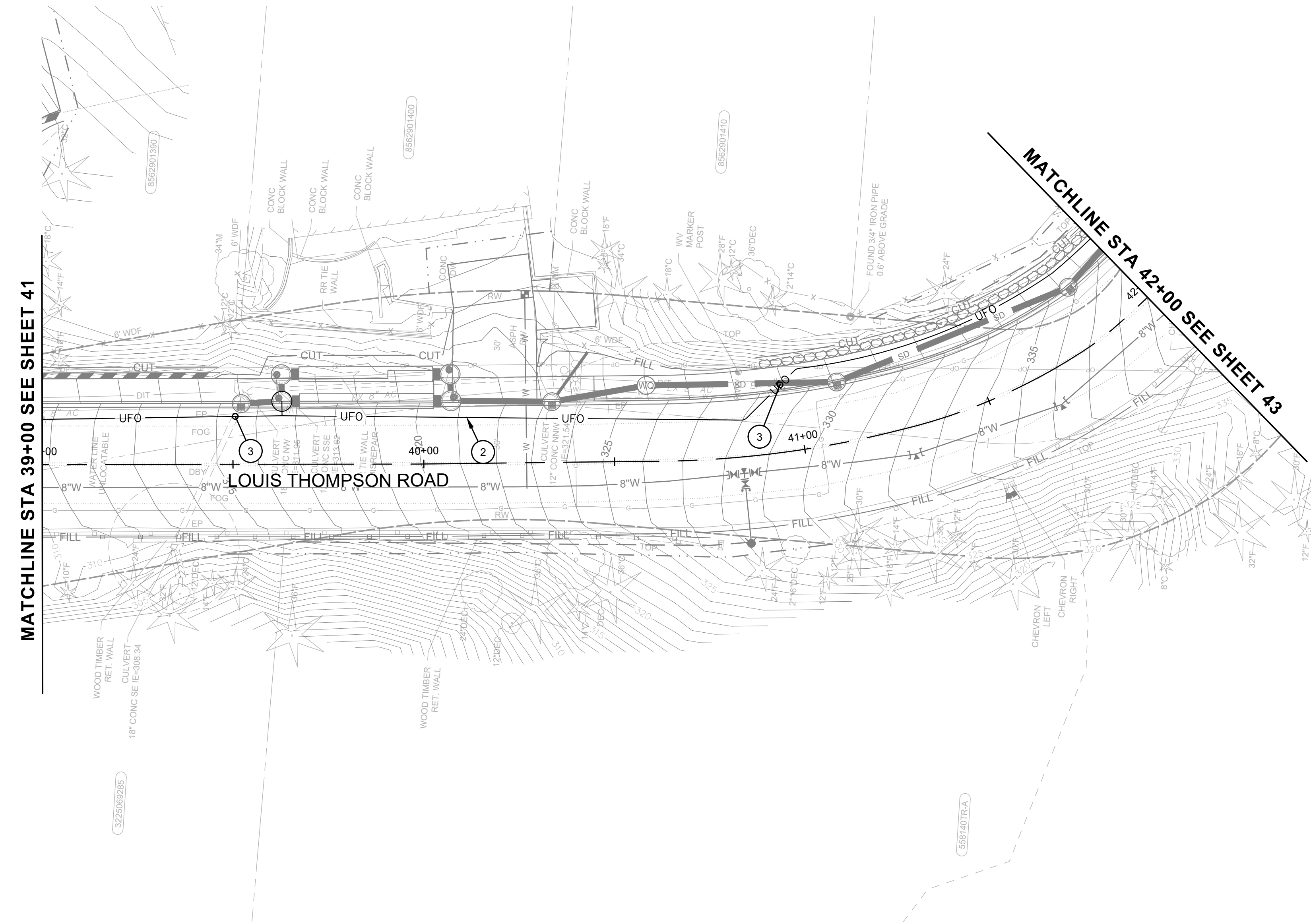
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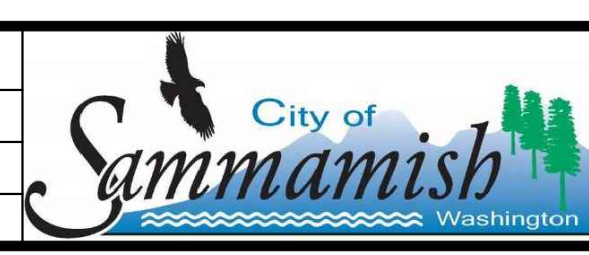
LEGEND

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_COMM.DWG
PLOT TIME: 1/26/2024 12:42 PM
USER NAME: LAURA TURNIDGE

DESIGNED BY MP	Osborn Consulting	NO.	DATE	REVISION	BY
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CHECKED BY LR					



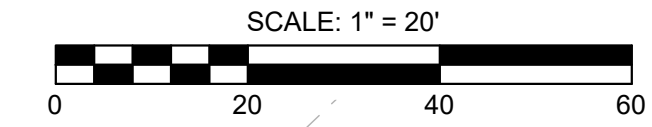
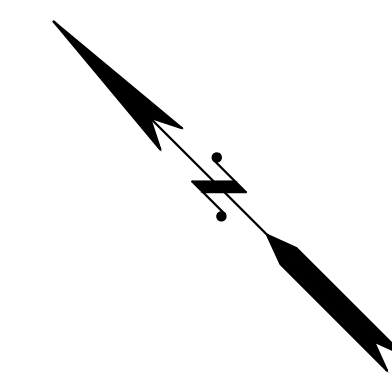
LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH COMMUNICATION CONDUITS PLAN	JOB# / DWG 10-210058	DATE 01/29/2024
	SCALE H: 1"=20' V: N/A	CO09
	SHEET 42 of 102	

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GENERAL NOTES:

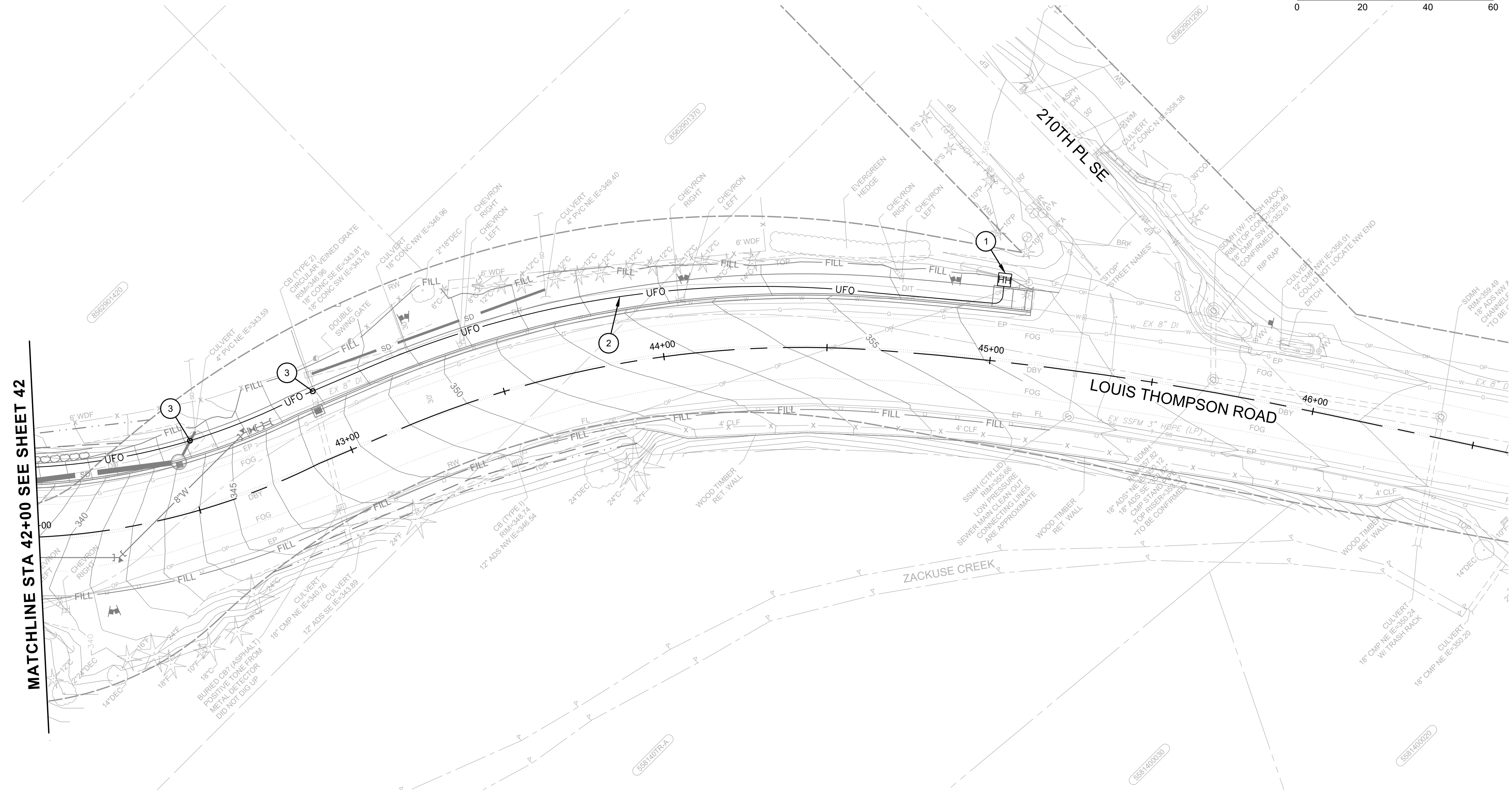
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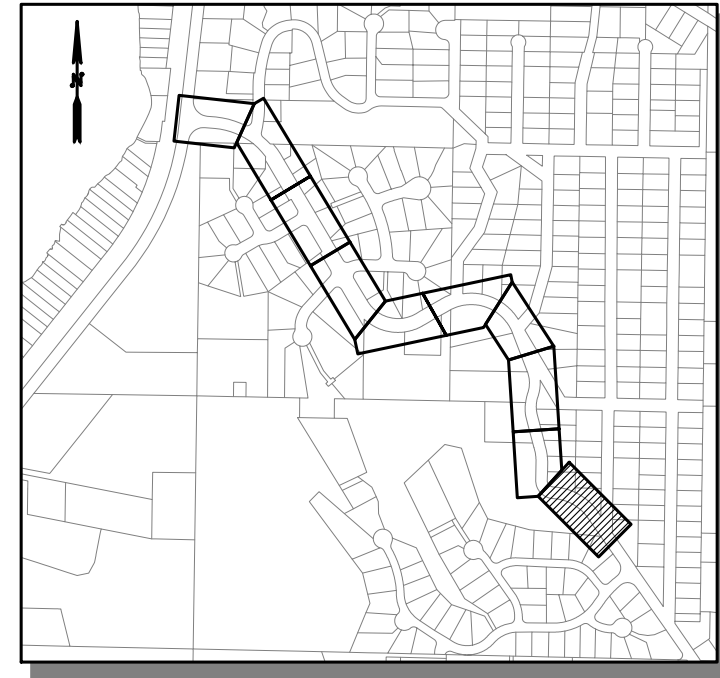
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LEGEND

- UFO — UNDERGROUND FIBER OPTIC CONDUIT
- HH HAND HOLE



MATCHLINE STA 42+00 SEE SHEET 42



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CHECKED BY
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LOUIS THOMPSON ROAD TIGHTLINE PROJECT
CITY OF SAMMAMISH
COMMUNICATION CONDUITS PLAN

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=20' V: N/A	CO10 SHEET 43 of 102

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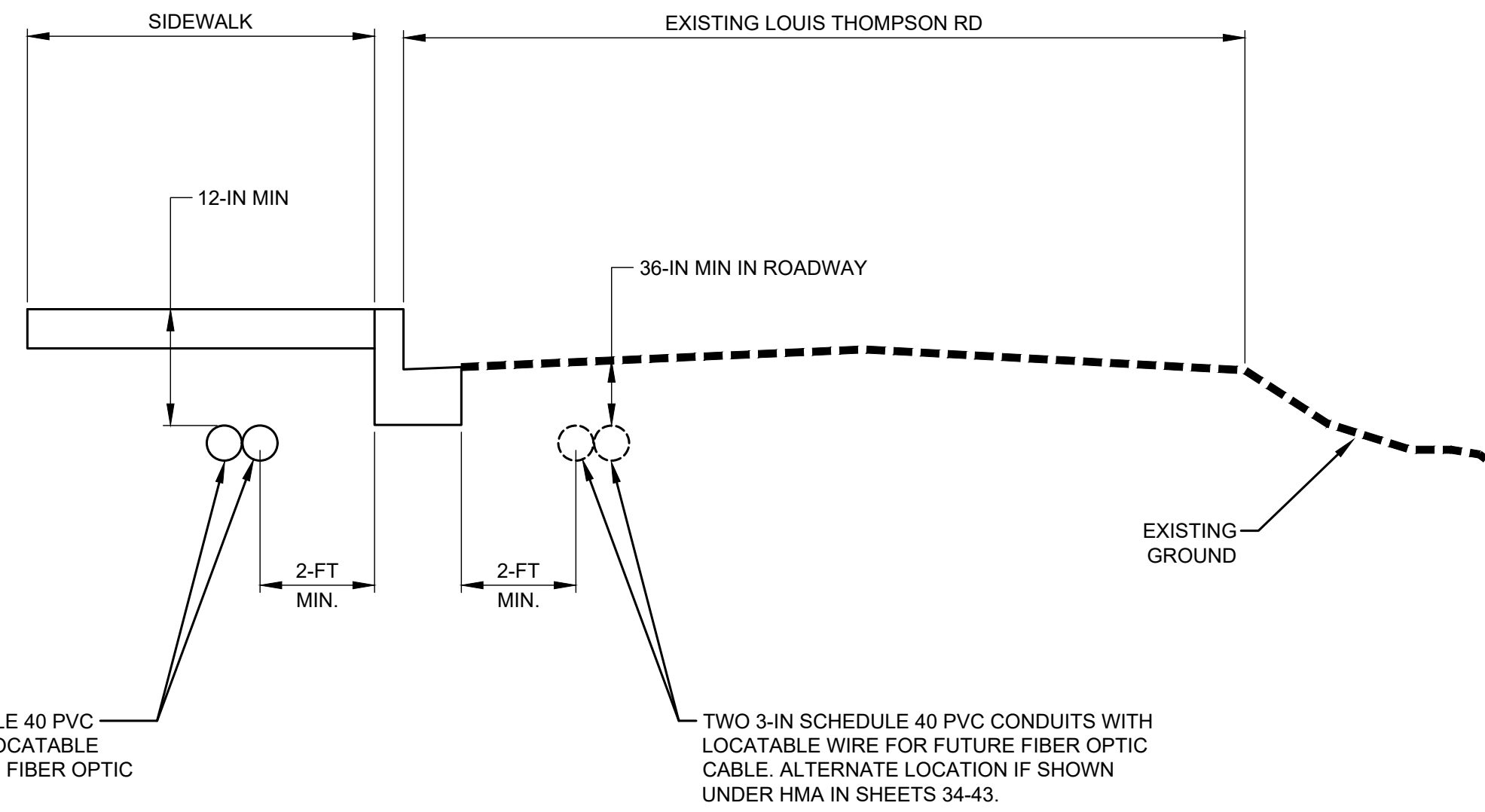


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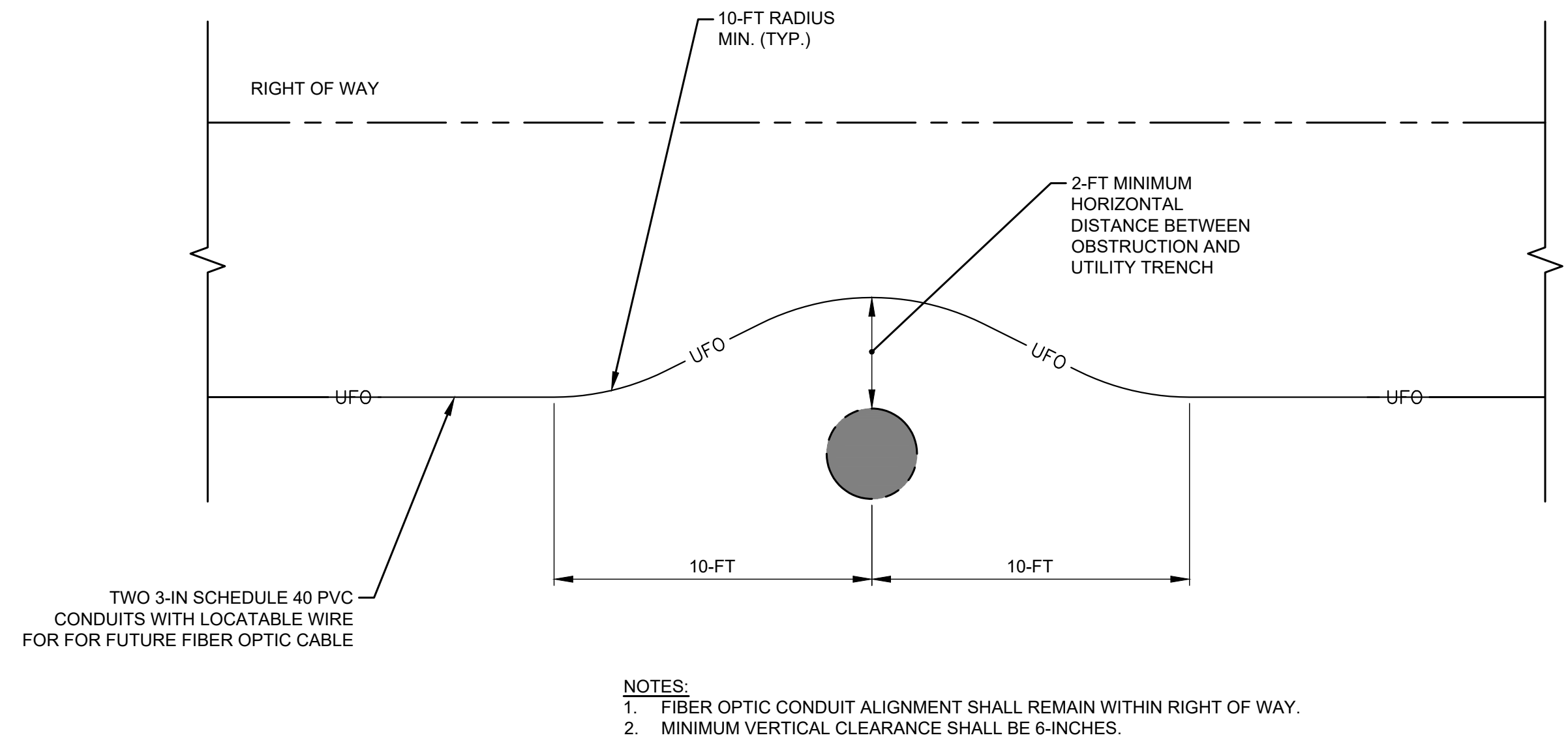


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USER NAME: LAURA TURNIDGE

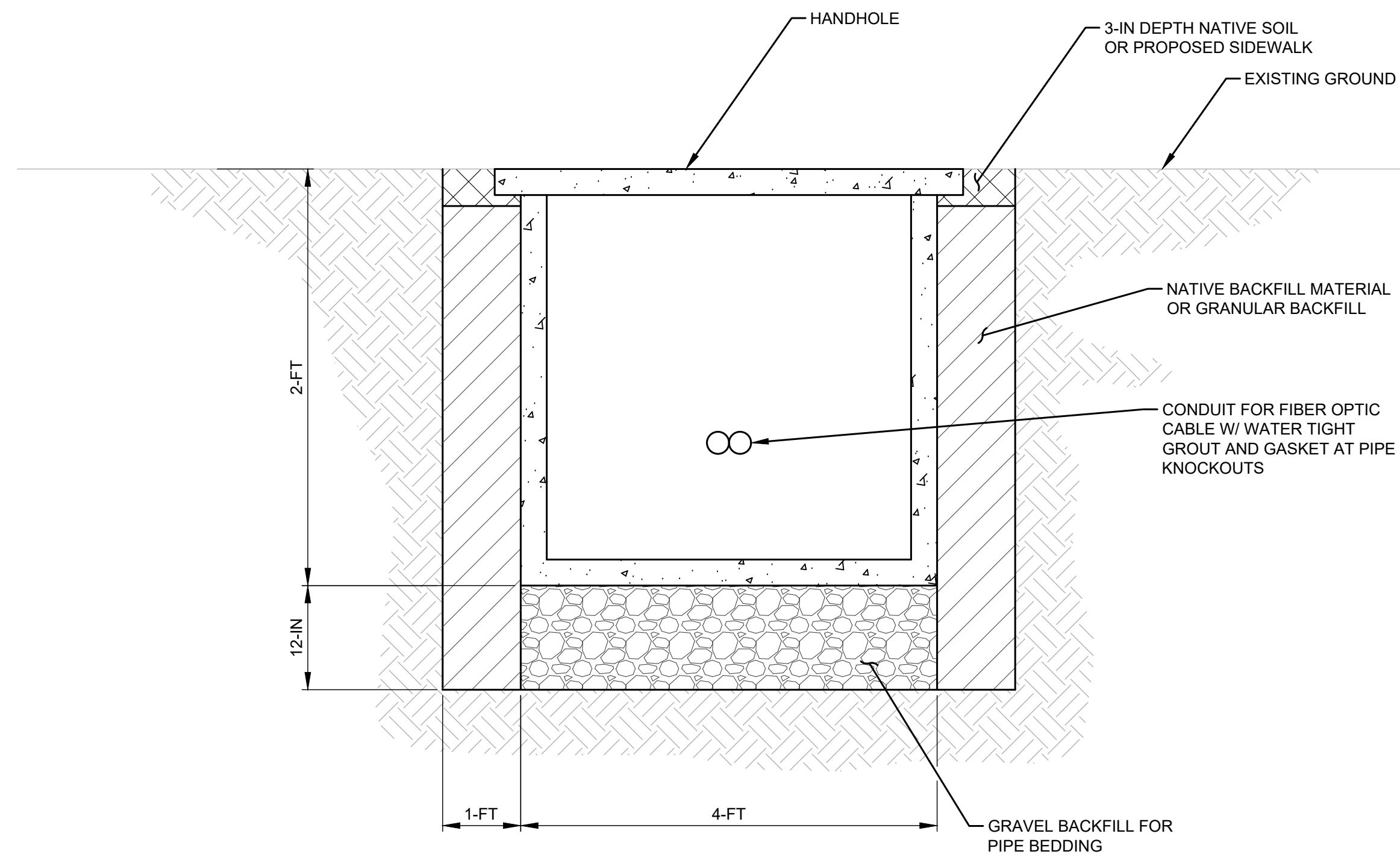
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 PLOT TIME: 1/26/2024 12:42 PM
 USER NAME: LAURA TURNDIGE



1 LONGITUDINAL COVERAGE DETAIL
 34-43 N.T.S.

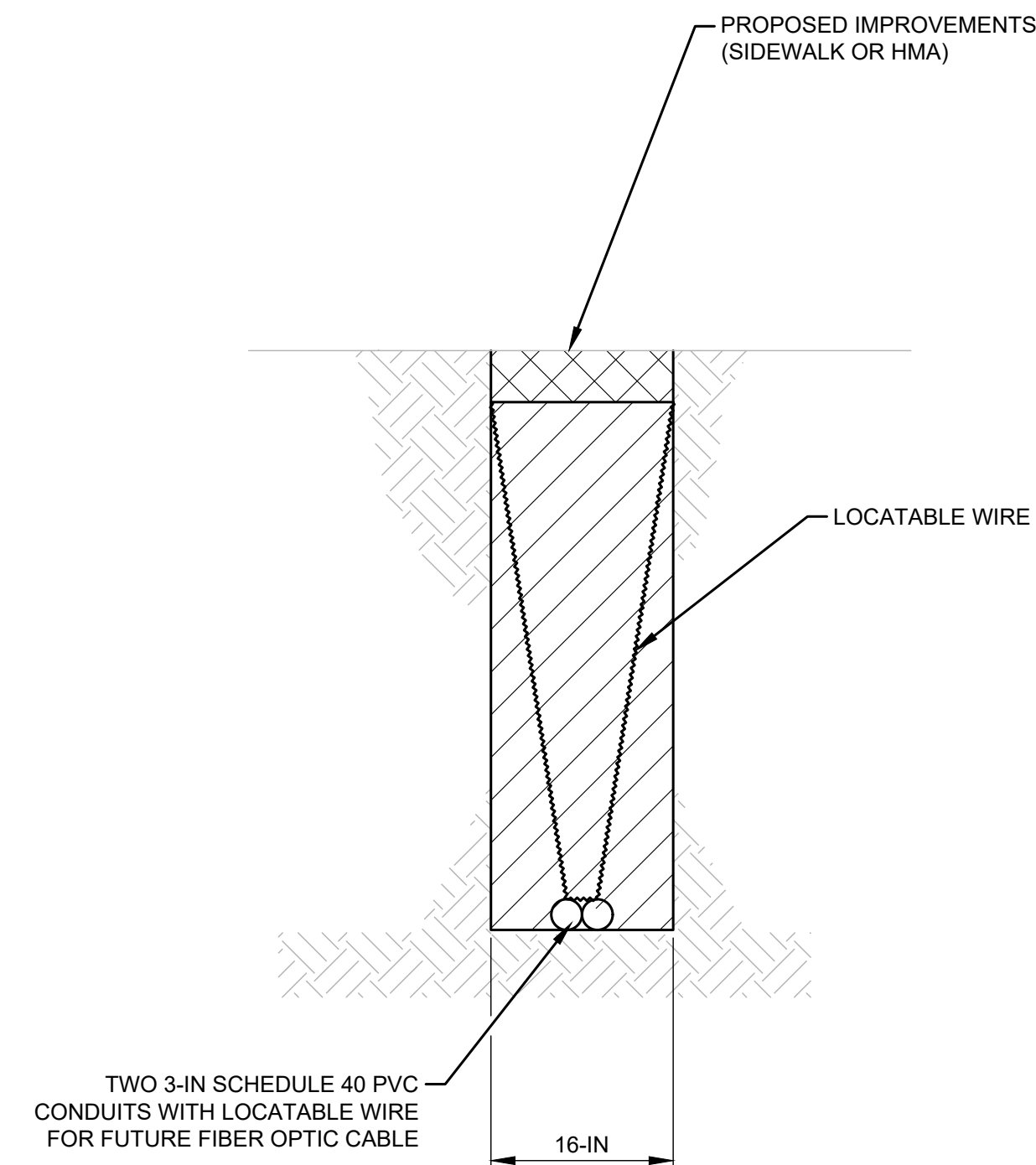


3 INSTALLATION AROUND OBSTRUCTION
 34-43 N.T.S.



- NOTES:**
- SLOPE GROUND AWAY FROM HANDHOLE.
 - ALL BURIED HANDHOLES TO BE PLACED NO CLOSER THAN 6-FT FROM UTILITY POLES.
 - ADJUST HANDHOLE LID TO FINISHED GRADE.

2 TYPICAL TRENCH AT HANDHOLE
 34-43 N.T.S.



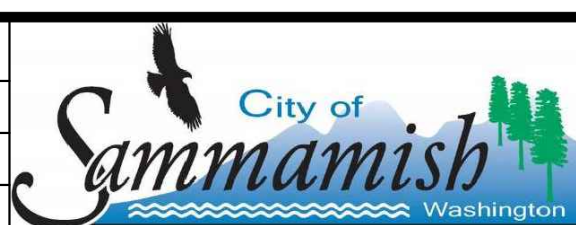
4 TYPICAL TRENCHING SECTION
 N.T.S.

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MP
 DRAWN BY
LT/LO/FJ
 CHECKED BY
LR

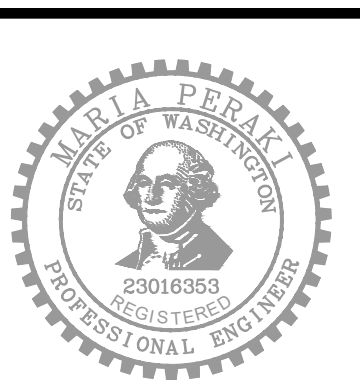
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NO.	DATE	REVISION	BY

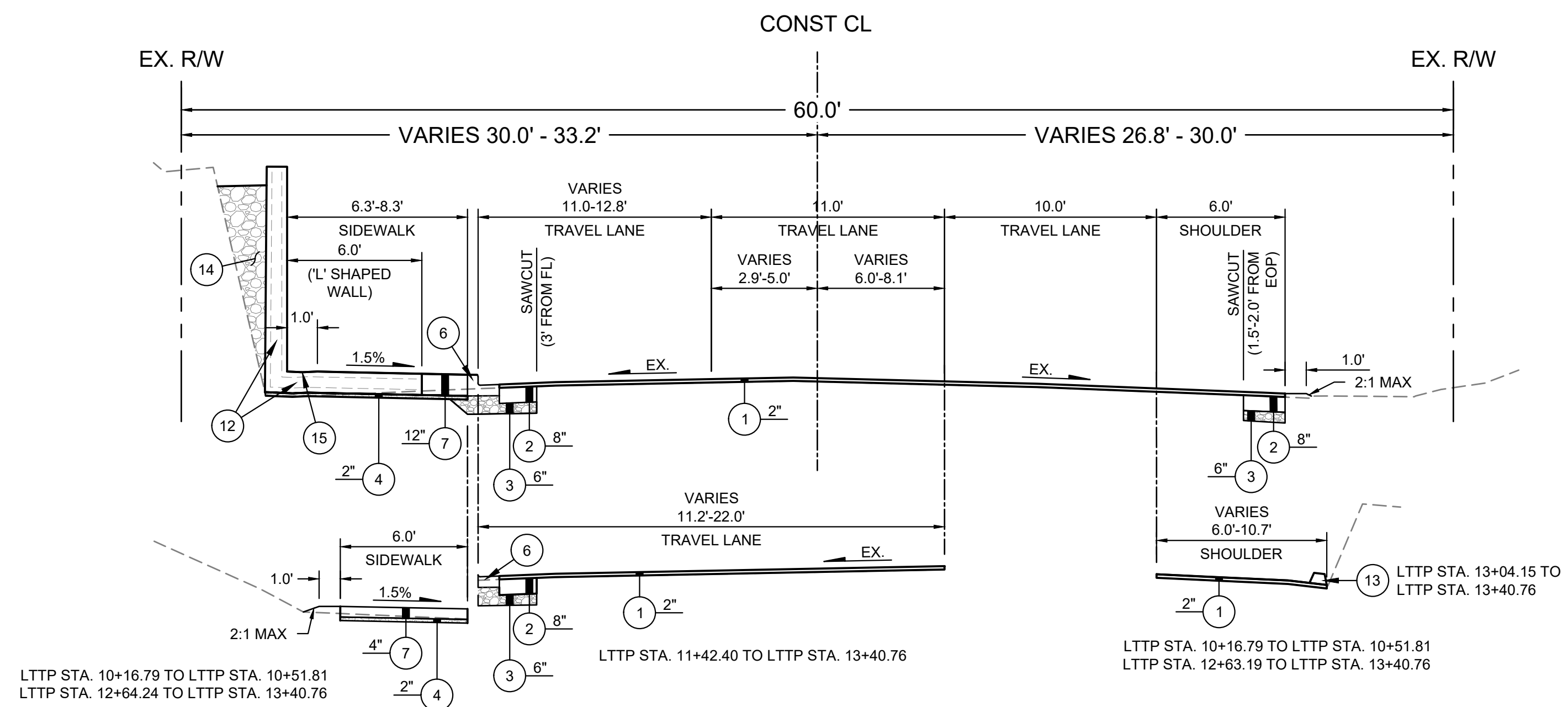


LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 COMMUNICATION CONDUITS DETAILS

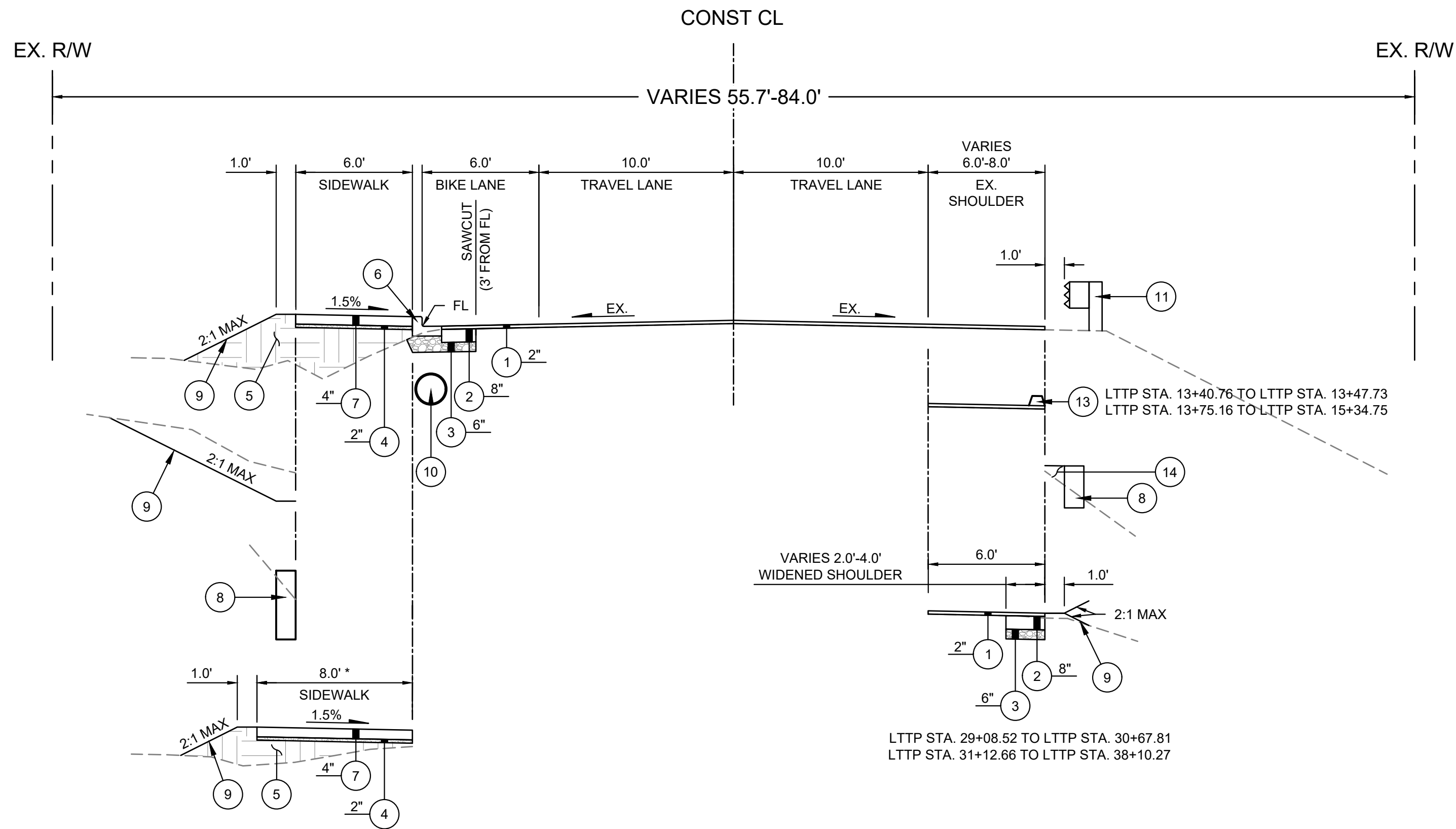
JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: N/A V: N/A	CO11 SHEET 44 of 102



FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P_10-210058_ROAD_DET.DWG
 PLOT TIME: 1/26/2024 12:42 PM
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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 PLANS FOR LOCATION AND SHEET 56 FOR DETAIL

GENERAL NOTES:

1. SEE SHEETS 46-55 FOR NON-MOTORIZED IMPROVEMENT PLAN.
2. SEE SHEETS 87-96 FOR WALL PLAN AND PROFILES.
3. SEE SHEETS 18-27 FOR STORM DRAINAGE PLAN AND PROFILES.

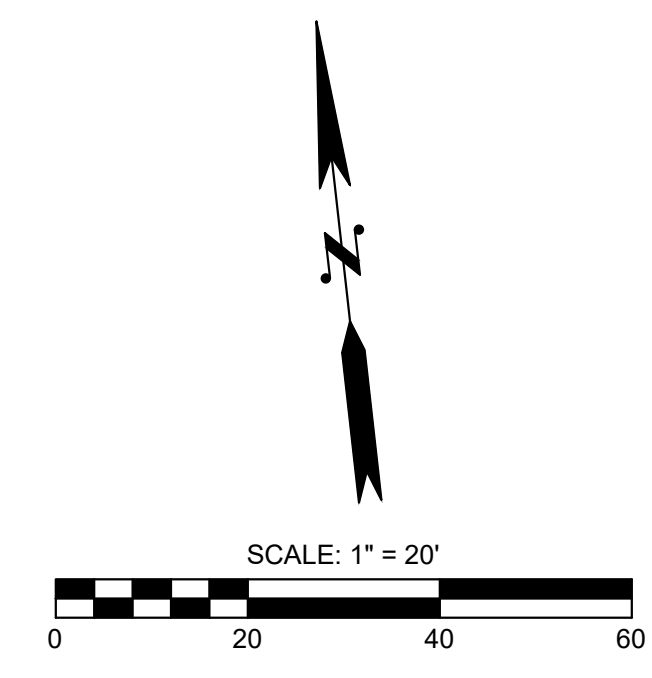
CONSTRUCTION NOTES:

1. HMA PG 58H-22 (OVERLAY)
2. HMA PG 58H-22 (2" MAX. LIFTS)
3. CRUSHED SURFACING BASE COURSE (CSBC)
4. CRUSHED SURFACING TOP COURSE (CSTC)
5. GRAVEL BORROW
6. TYPE A CURB AND GUTTER PER C.O.S. FIG 03-8A
7. CEMENT CONCRETE SIDEWALK PER C.O.S. FIG 03-06
8. RETAINING WALL, SEE WALL PLAN AND PROFILE SHEETS FOR LOCATIONS AND TYPE.
9. LANDSCAPE RESTORATION, SEE DETAIL 2 ON SHEET 56
10. STORM DRAIN PIPE, SEE STORM DRAINAGE PLAN AND PROFILE SHEETS FOR TYPE AND LOCATION
11. GUARDRAIL, SEE ROADWAY PLAN FOR TYPE AND LOCATION
12. 'L' SHAPED CIP WALL AS CONCRETE FASCIA INSTALLED IN FRONT OF EXISTING GABION WALL, SEE SHEET 102 FOR DETAILS AND SHEET 96 FOR PLAN AND PROFILE.
13. EXTRUDED CURB TYPE 5 PER C.O.S. FIG 03-08
14. GRAVEL BACKFILL FOR WALL, SEE WALL DETAIL SHEETS
15. SIDEWALK DRAINAGE, SEE DETAIL 1 ON SHEET 56

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DESIGNED BY RAKO				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH TYPICAL SECTIONS		JOB# / DWG 10-210058	DATE 01/29/2024
DRAWN BY RAKO				SCALE H: N/A V: N/A	XS01 SHEET 45 of 102		
CHECKED BY SBS				NO.	DATE	REVISION	BY



GENERAL NOTES:

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 45 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
4. SEE SHEET 18 TO 27 FOR STORM DRAINAGE PLAN AND PROFILES.
5. SEE SHEETS 57 TO 66 FOR CHANNELIZATION AND SIGNING PLAN.
6. SEE SHEETS 87 TO 96 FOR WALL PLAN AND PROFILES.
7. SEE SHEETS 68 TO 74 FOR DRIVEWAY PLAN AND PROFILES.
8. SEE SHEETS 77 TO 82 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 45.
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 68-74.
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.
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15. CONSTRUCT EXTRUDED CURB TYPE 5 PER C.O.S FIG. 03-08.
16. CONSTRUCT 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 56.
18. CONSTRUCT SIDEWALK DRAINAGE PER DETAIL ON SHEET 56.
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21. REMOVE AND RAISE EXISTING GUARDRAIL PER WSDOT STD. PLAN C-1.

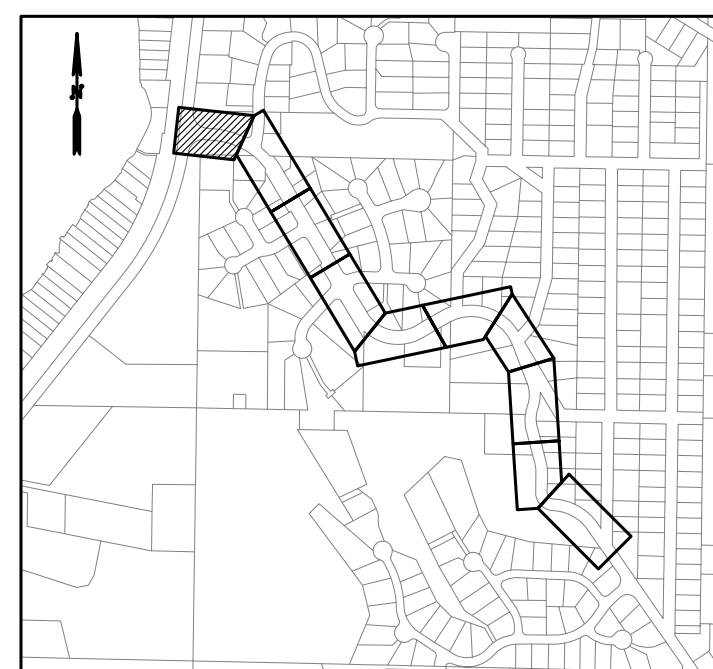
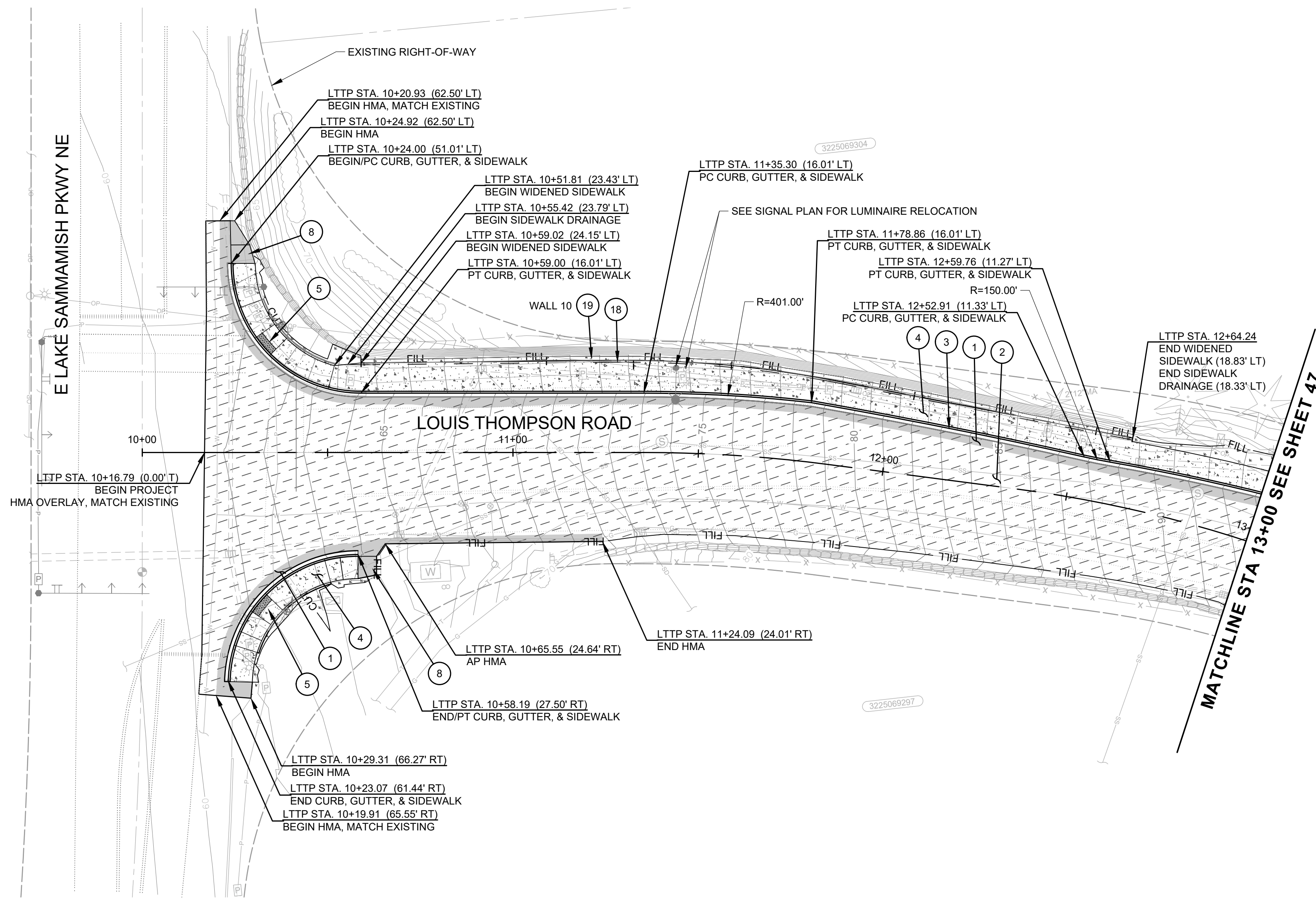
LEGEND

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

100% SUBMITTAL (NOT FOR CONSTRUCTION)



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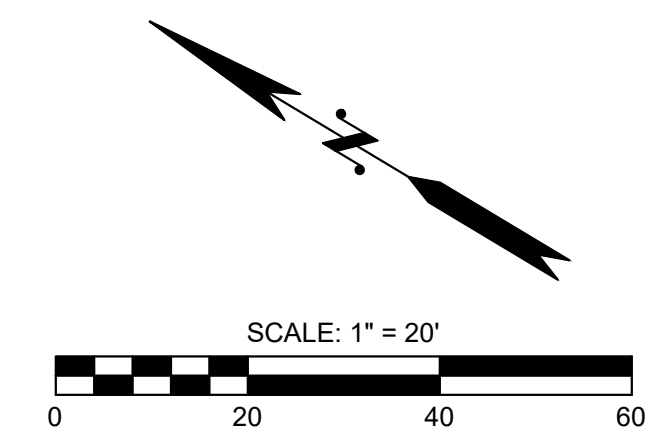


NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A	RD01	SHEET 46 of 102



GENERAL NOTES:

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 45 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
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8. SEE SHEETS 77 TO 82 FOR ADA CURB RAMP PLANS.
9. STATION AND OFFSET PROVIDED IS TO THE FACE OF W-BEAM FOR GUARDRAIL.
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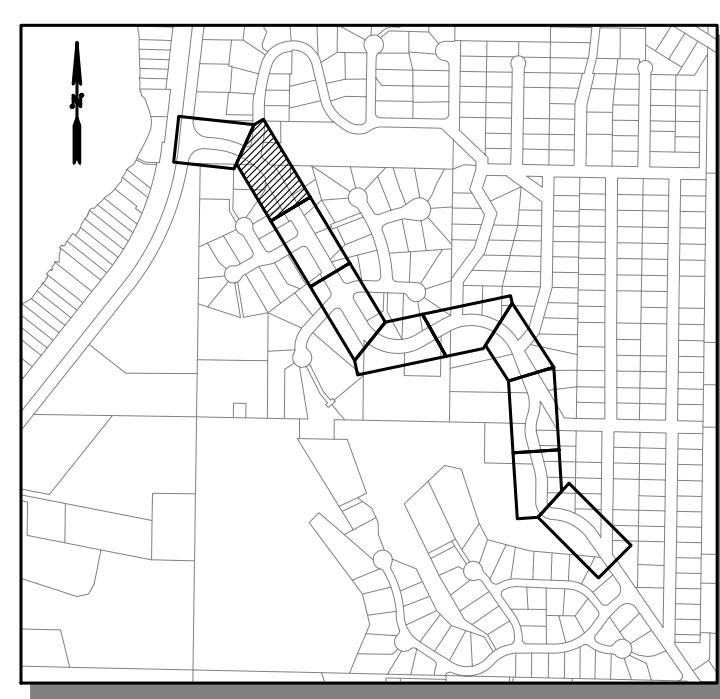
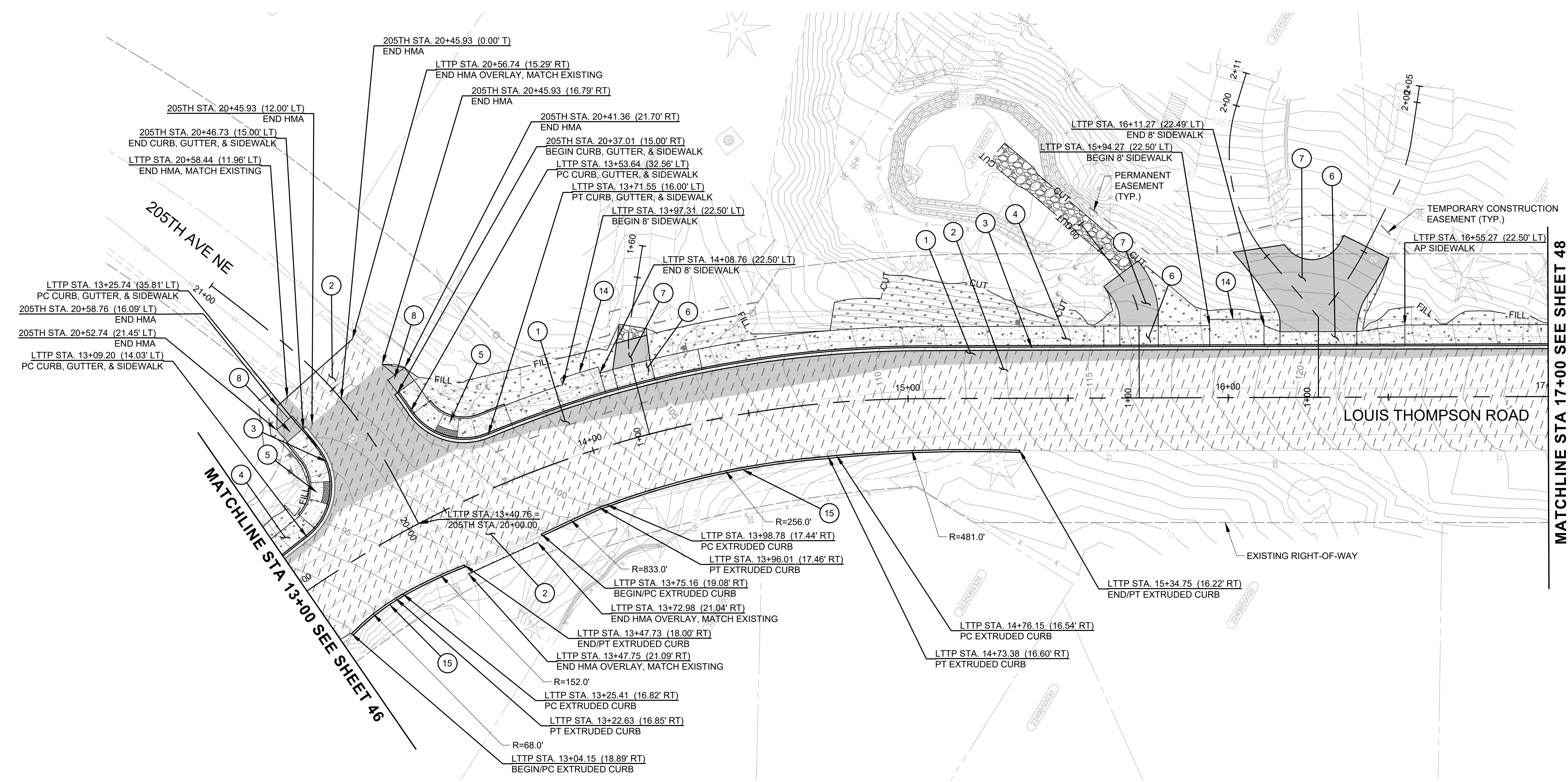
LEGEND

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100% SUBMITTAL (NOT FOR CONSTRUCTION)

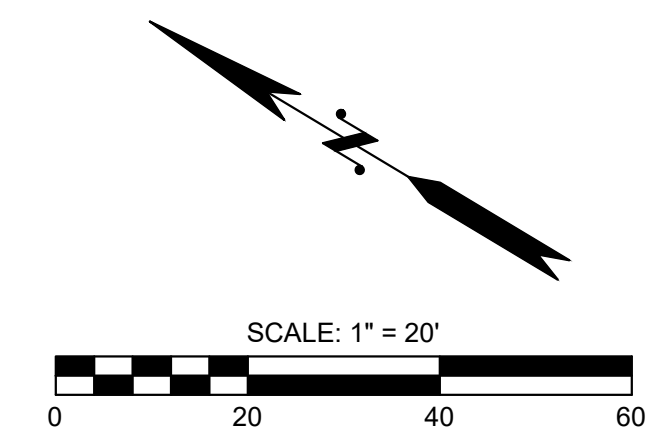


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH NON-MOTORIZED IMPROVEMENT PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 01/29/2024 RD02 SHEET 47 of 102
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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCORNSCONSULTING-PW\BENTLEY.COM\OSBORNCORNSCONSULTING-PW\LAURA TURNDIGE\MS265661P_10-210058_ROAD.DWG
 PLOT TIME: 1/29/2024 12:43 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
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LEGEND

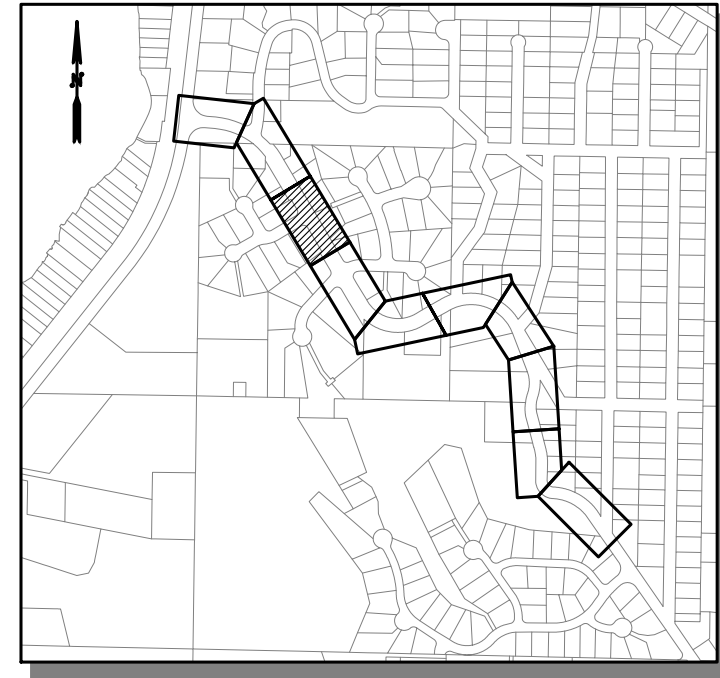
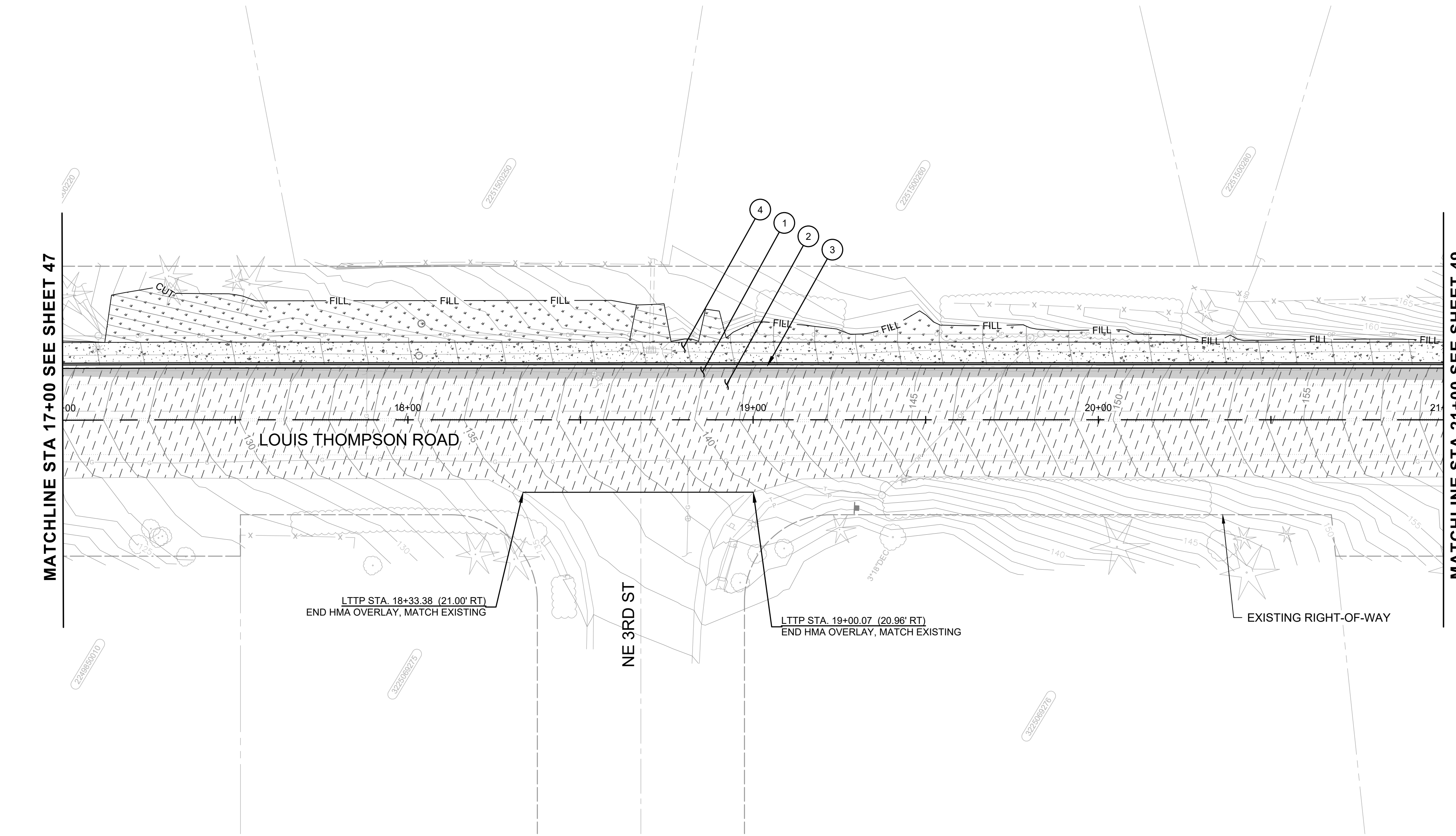
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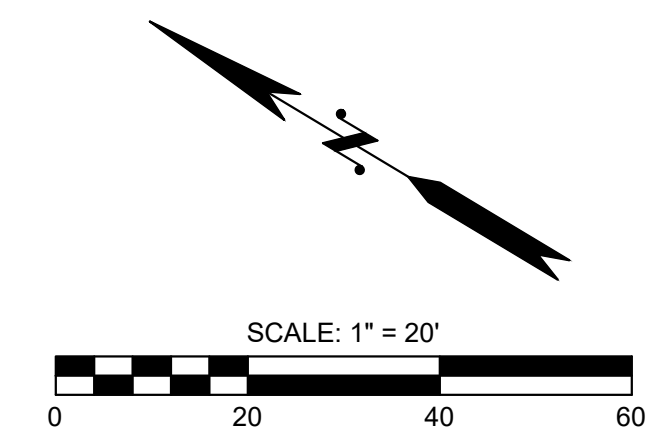
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A	RD03	SHEET 48 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW.BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P_10-210058_ROAD.DWG
PLOT TIME: 1/29/2024 12:43 PM
USER NAME: LAURA TURNDIGE



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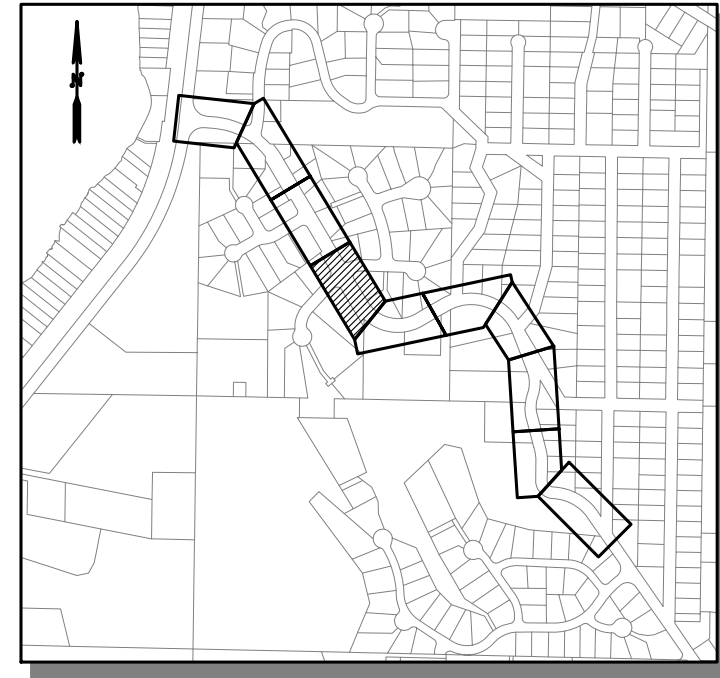
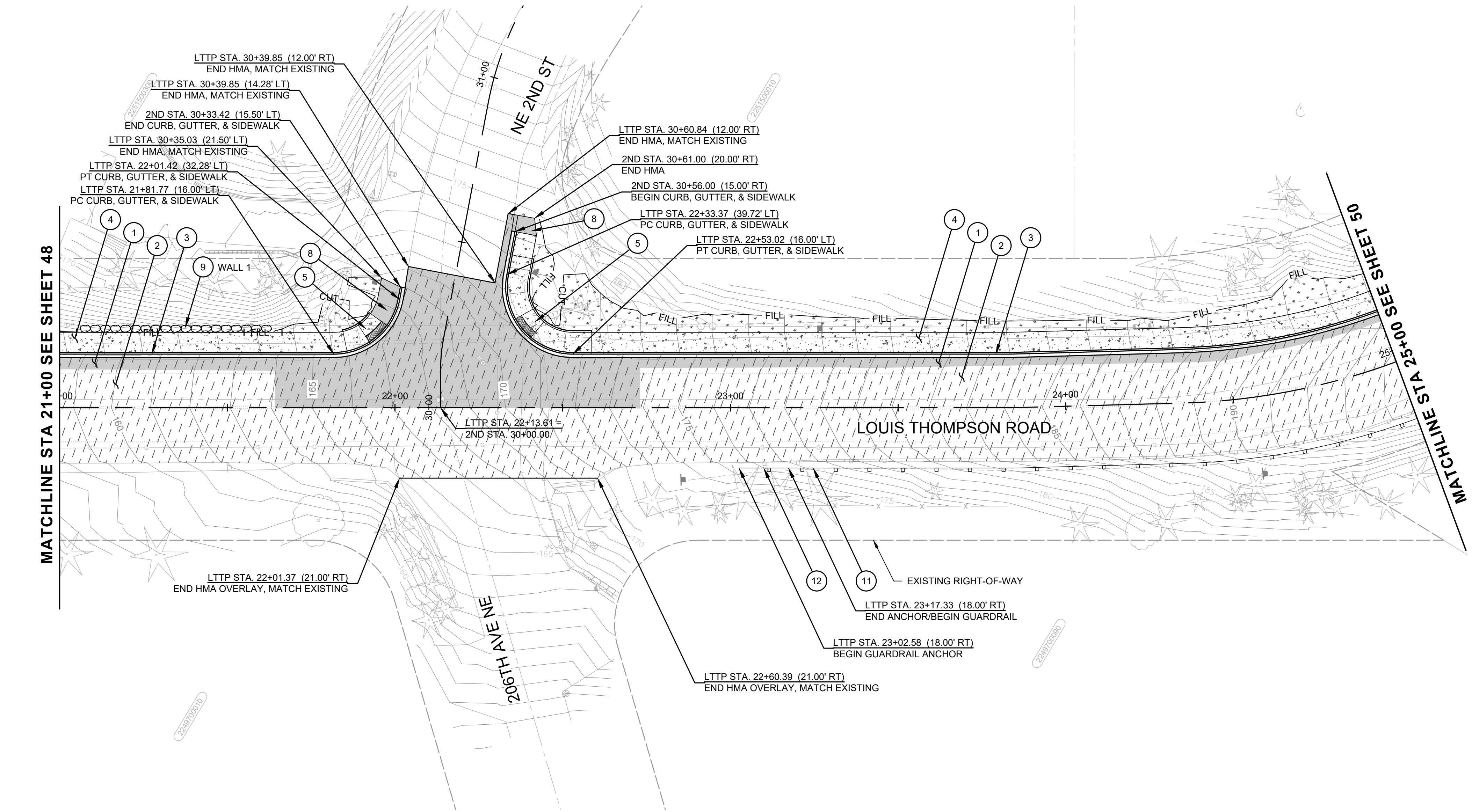
LEGEND

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100% SUBMITTAL (NOT FOR CONSTRUCTION)

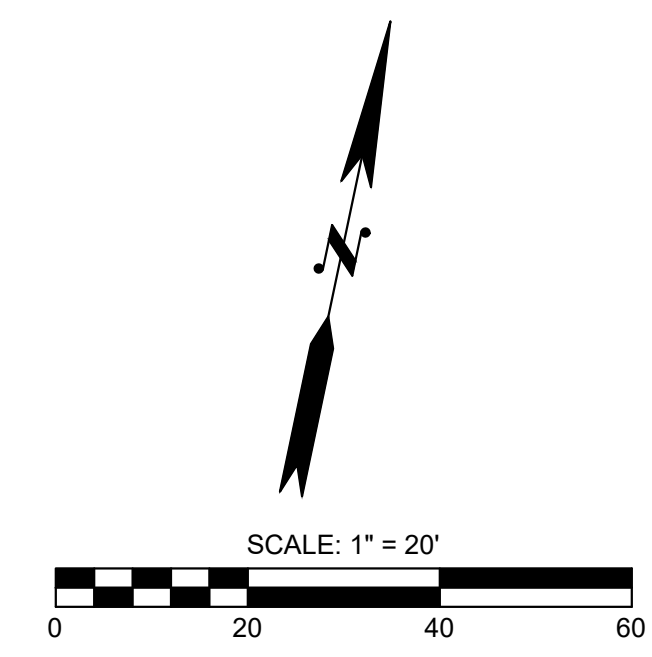


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH NON-MOTORIZED IMPROVEMENT PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 01/29/2024 RD04 SHEET 49 of 102
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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM_OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_ROAD.DWG
 PLOT TIME: 1/29/2024 12:43 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

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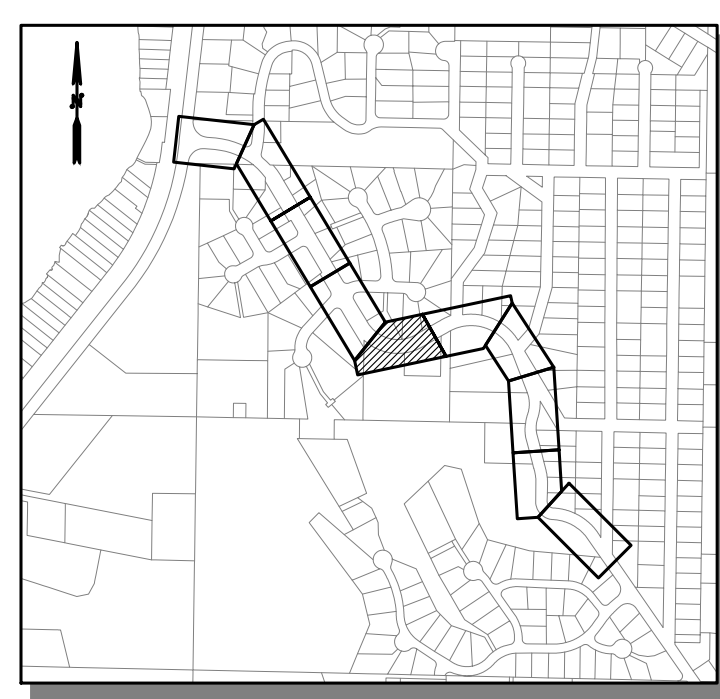
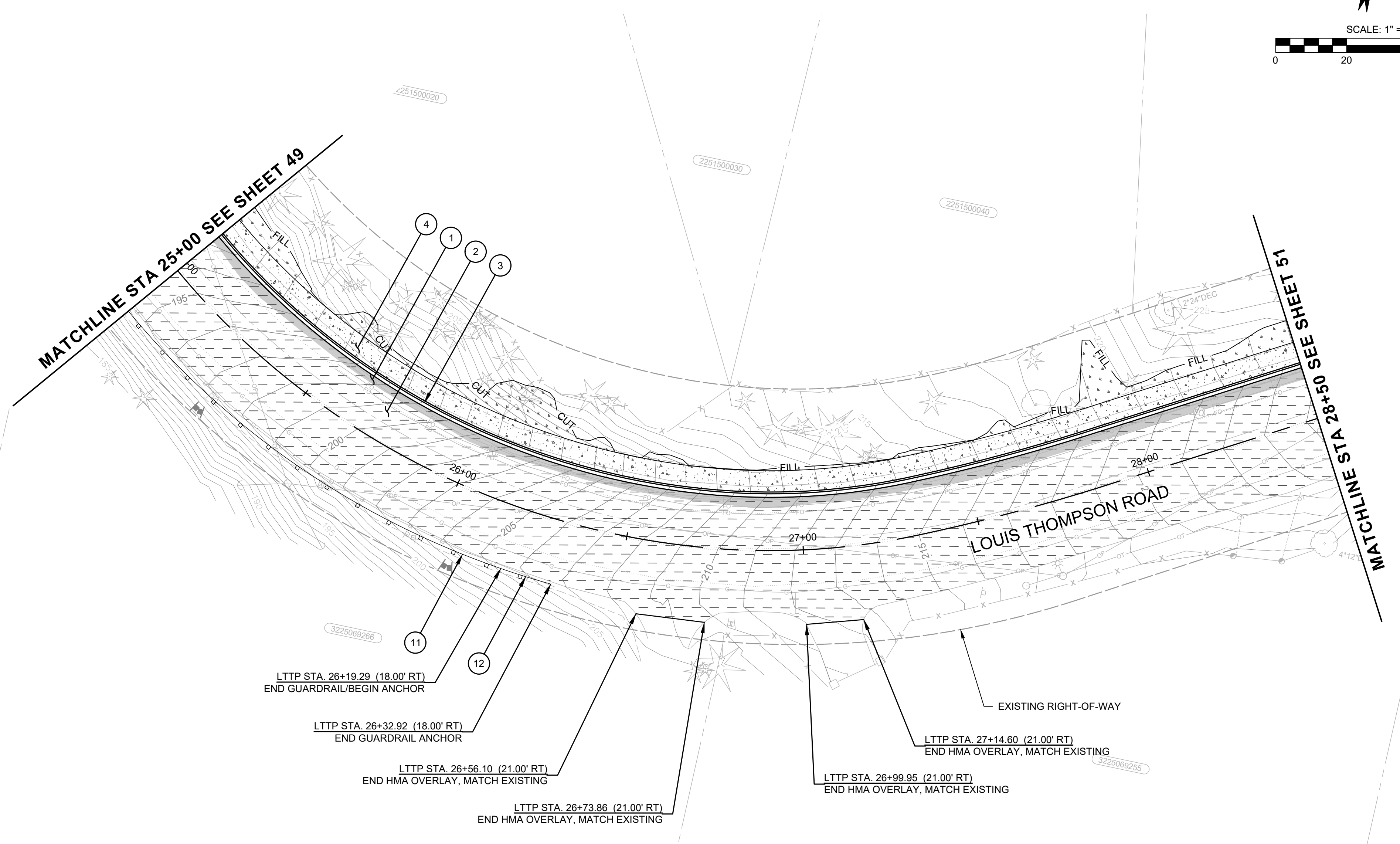
LEGEND

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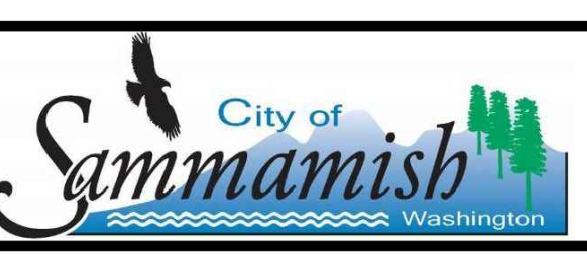


DESIGNED BY
RAKO

DRAWN BY
RAKO

CHECKED BY
SBS

NO.	DATE	REVISION	BY



LOUIS THOMPSON ROAD TIGHTLINE PROJECT

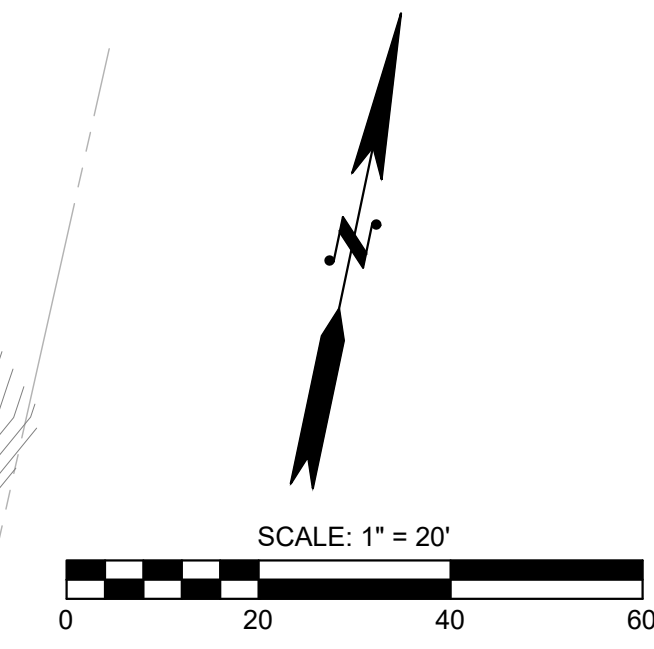
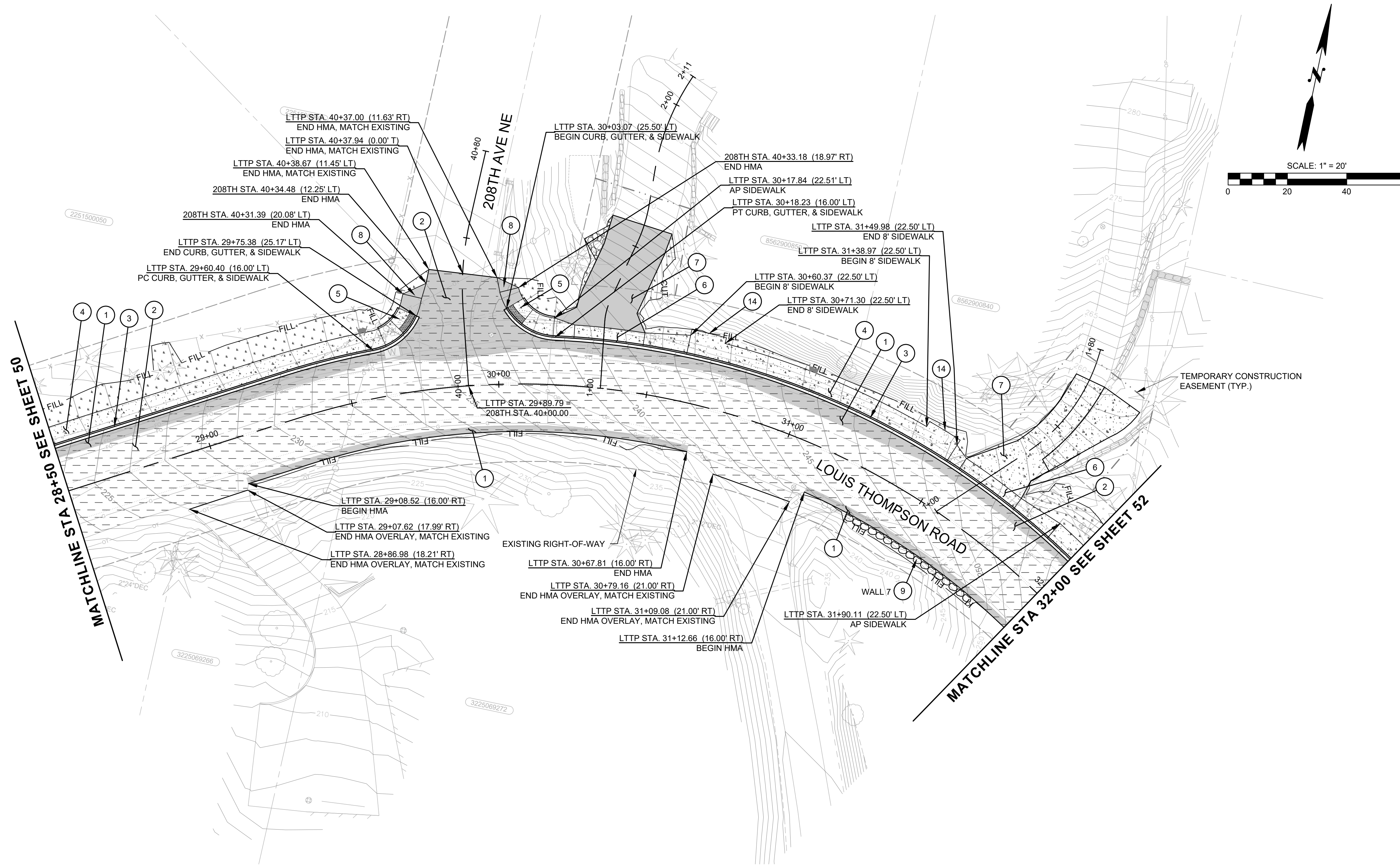
CITY OF SAMMAMISH

NON-MOTORIZED IMPROVEMENT PLAN

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A	RD05	SHEET 50 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\LAURA TURNIDGE\MS265661P_10-210058_ROAD.DWG
 PLOT TIME: 1/29/2024 12:43 PM
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SEC. 32, T. 25N, R. 6E, W.M.



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8. SEE SHEETS 77 TO 82 FOR ADA CURB RAMP PLANS.
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CONSTRUCTION NOTES:

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5. CONSTRUCT CURB RAMP PER C.O.S. FIG. 02-07 AND FIG. 02-08.
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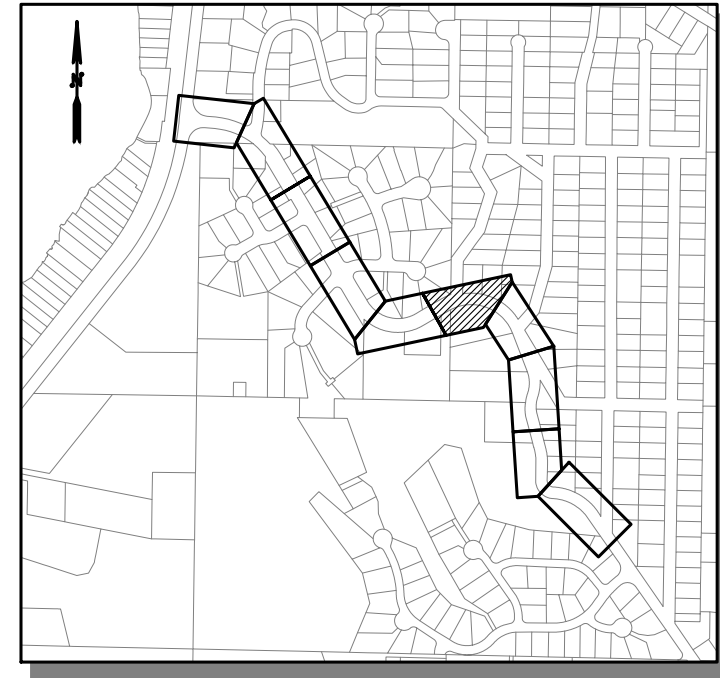
LEGEND

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

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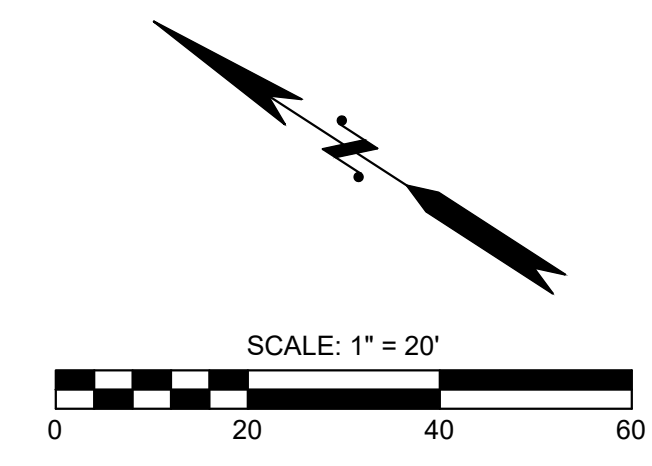
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A	RD06	SHEET 51 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIROBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW\01LAURA TURNDIDGE\MS265661P_10-210058_ROAD.DWG
PLOT TIME: 1/29/2024 12:43 PM
USER NAME: LAURA TURNDIDGE



GENERAL NOTES:

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
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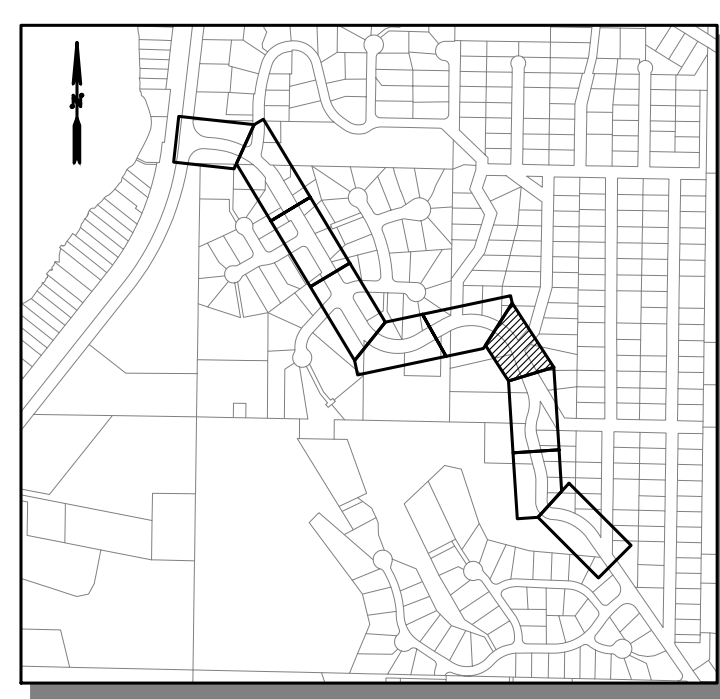
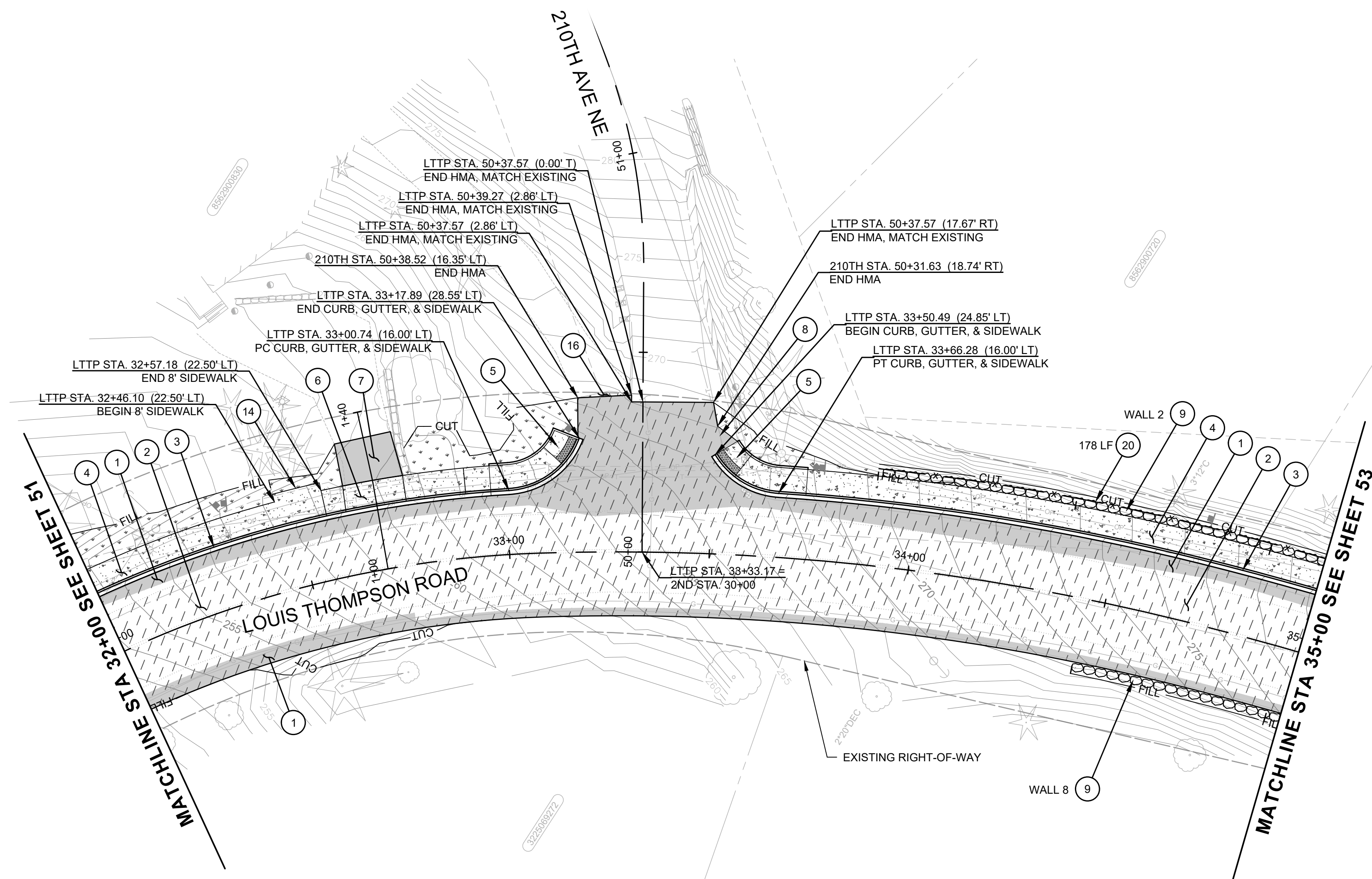
LEGEND

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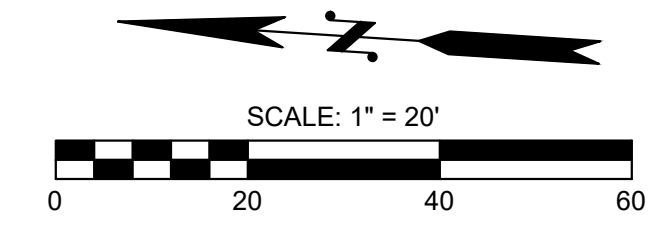
NO.	DATE	REVISION	BY



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

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=20' V: N/A	RD07 SHEET 52 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\MS265661P_10-210058_ROAD.DWG
PLOT TIME: 1/29/2024 12:44 PM
USER NAME: LAURA TURNDIGE



GENERAL NOTES:

- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
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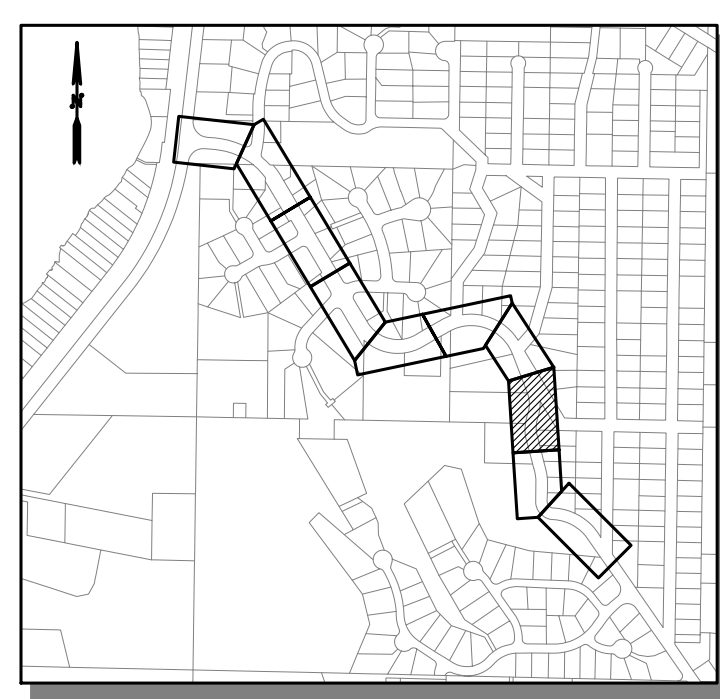
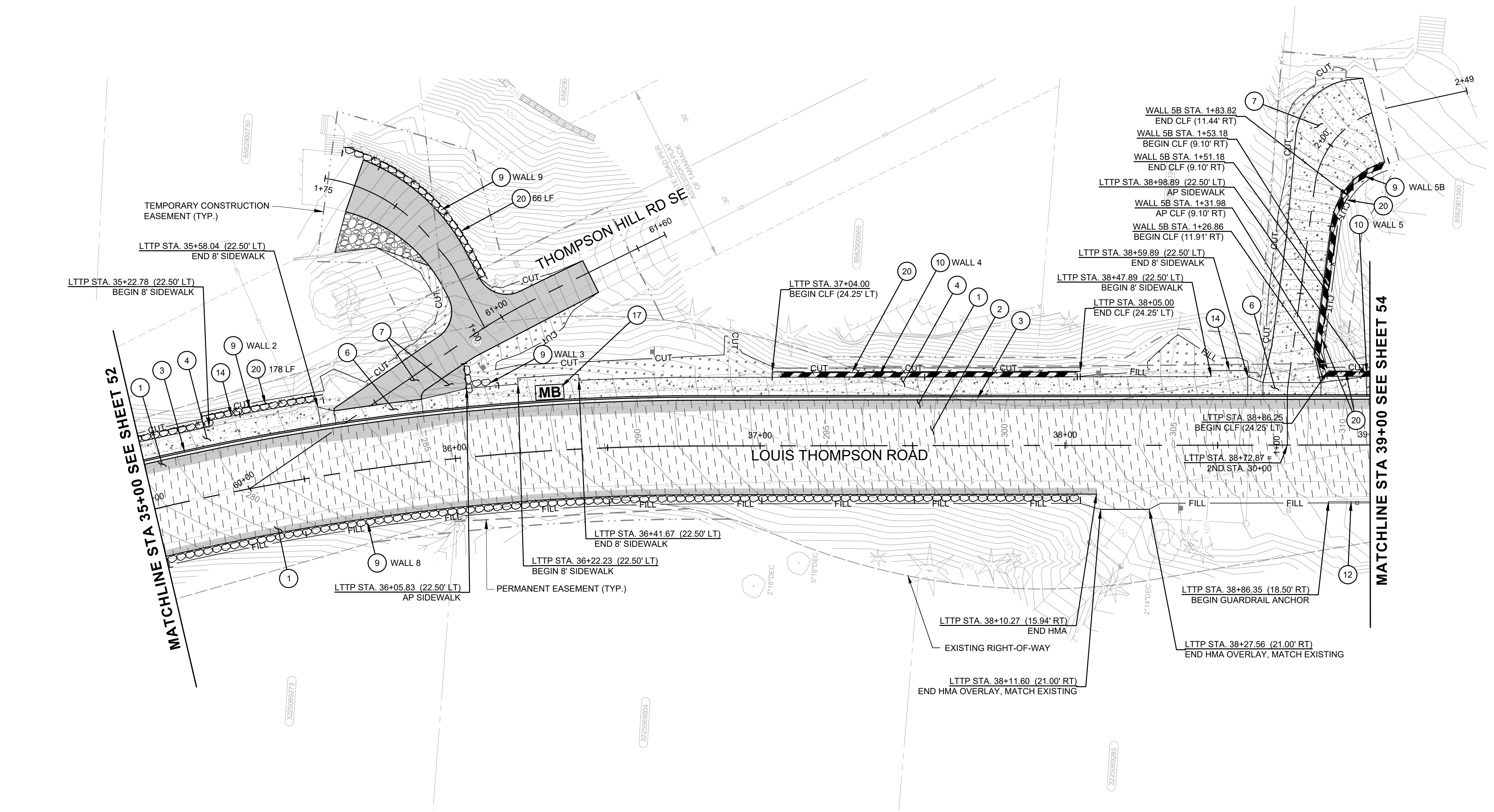
LEGEND

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100% SUBMITTAL (NOT FOR CONSTRUCTION)

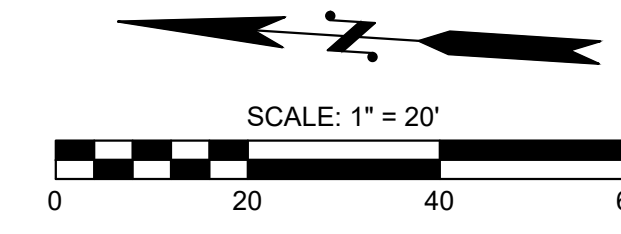


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS			NO.	DATE	REVISION	BY		LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH NON-MOTORIZED IMPROVEMENT PLAN	JOB# / DWG	DATE
									10-210058	01/29/2024
								SCALE		RD08
								H: 1"=20' V: N/A		SHEET 53 OF 102

FILE NAME: C:\PIV\OC\WORKING\DIOSBORNCORNSCONSULTING-PW\BENTLEY.COM_OSBORNCORNSCONSULTING-PW\01LAURA TURNDIGE\DWG\265661P_10-210058_ROAD.DWG
 PLOT TIME: 1/26/2024 12:44 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
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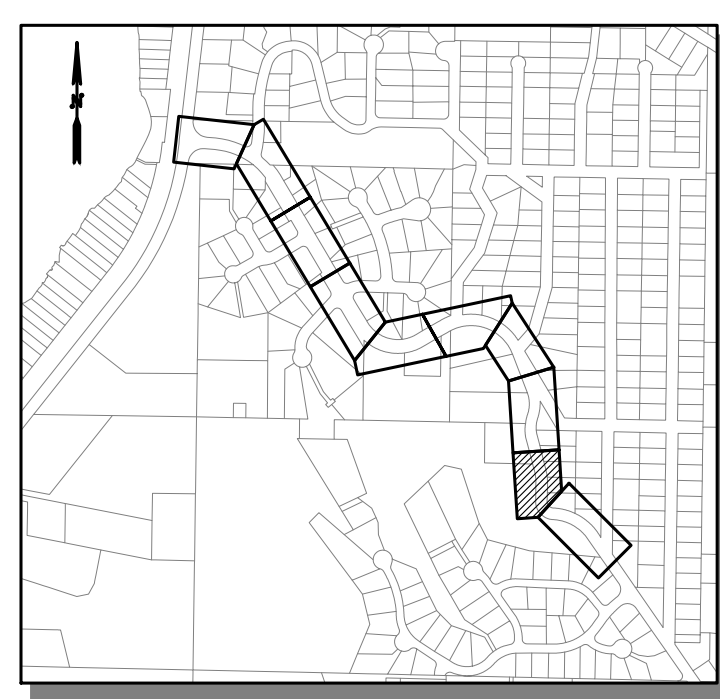
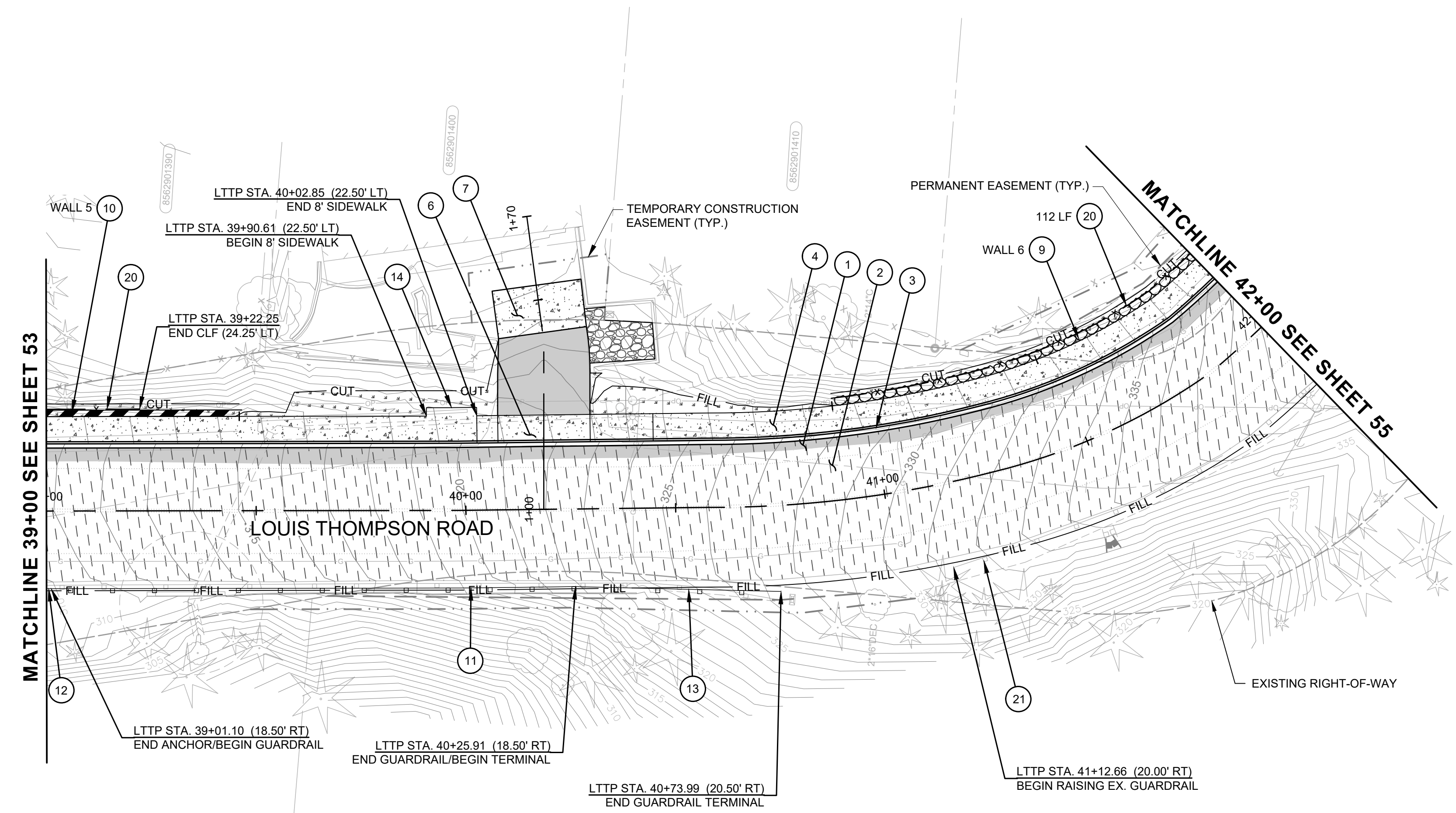
LEGEND

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100% SUBMITTAL (NOT FOR CONSTRUCTION)

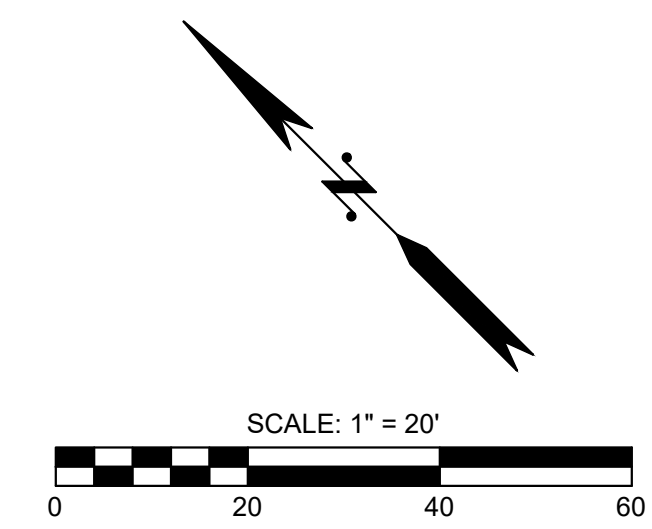


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH NON-MOTORIZED IMPROVEMENT PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 01/29/2024 RD09 SHEET 54 of 102
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FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_ROAD.DWG
 PLOT TIME: 1/26/2024 12:44 PM
 USER NAME: LAURA TURNIDGE



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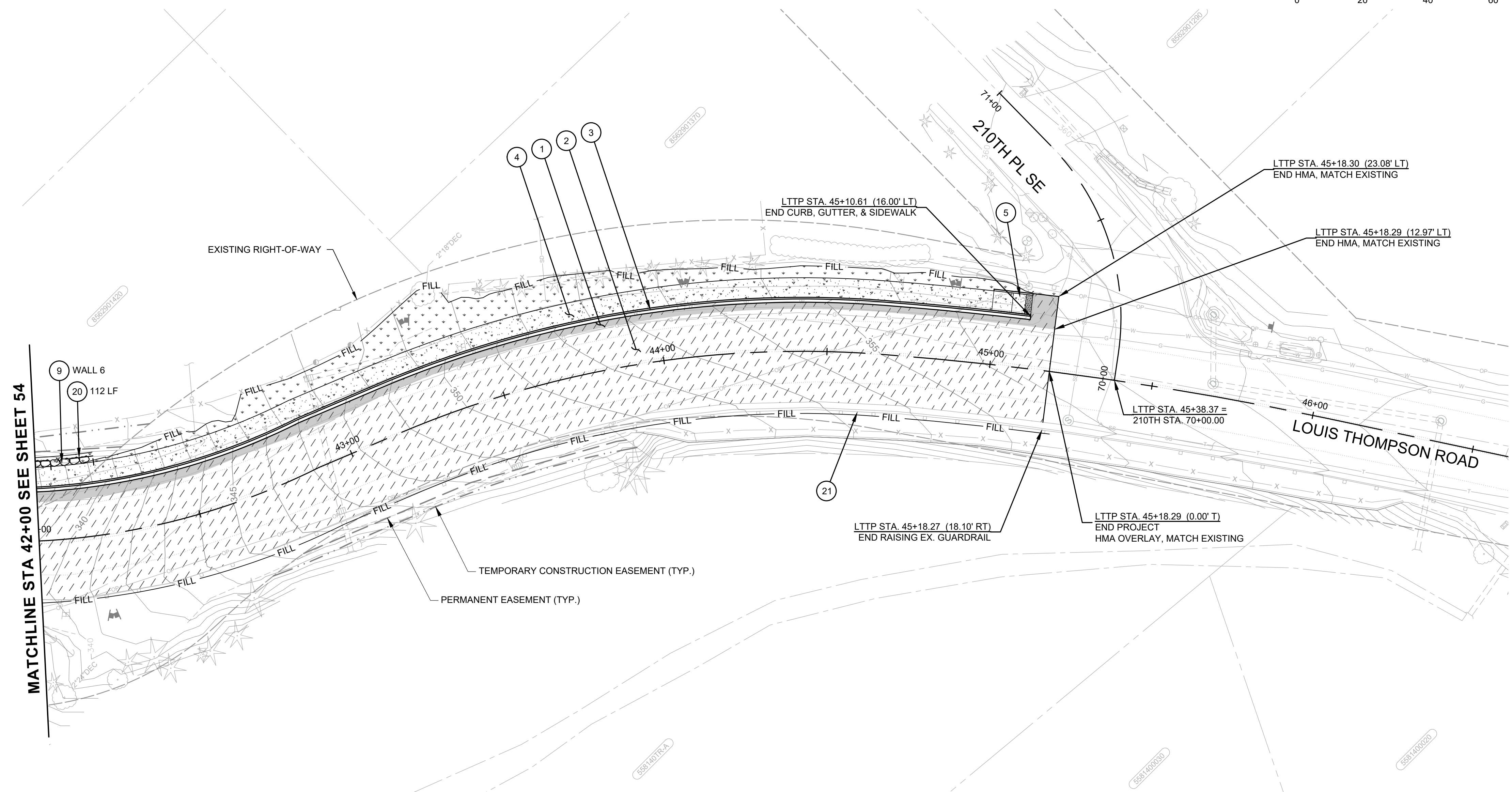
LEGEND

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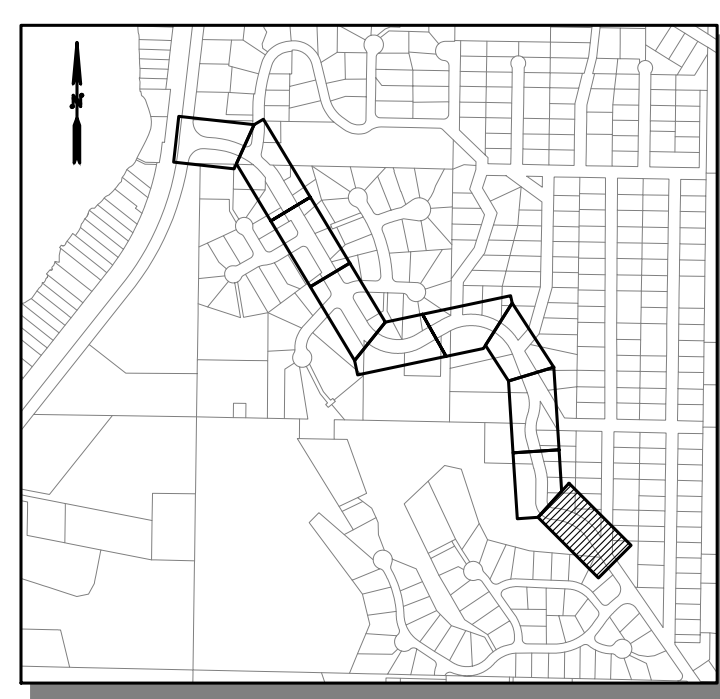
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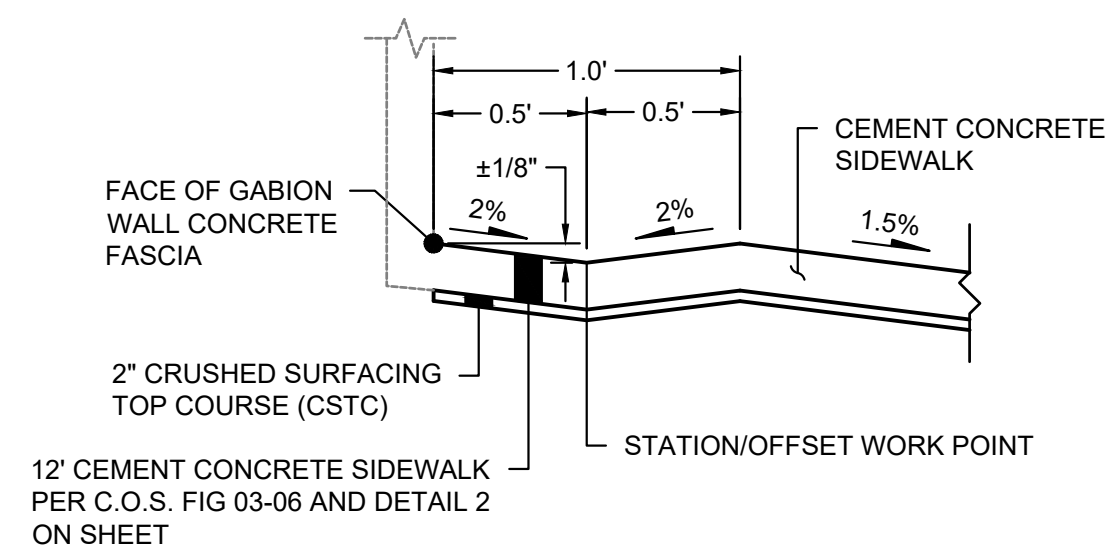


MATCHLINE STA 42+00 SEE SHEET 54



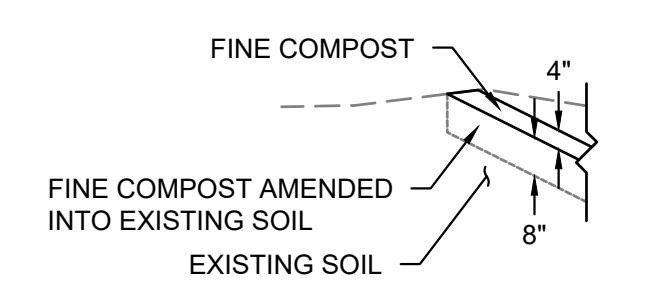
DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH NON-MOTORIZED IMPROVEMENT PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 01/29/2024 RD10 SHEET 55 of 102
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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_ROAD.DWG
PLOT TIME: 1/29/2024 12:44 PM
USER NAME: LAURA TURNIDGE

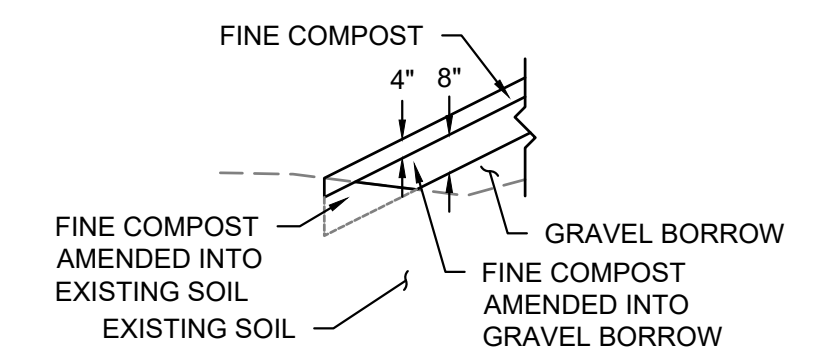


- NOTES**
- REFER TO CONCRETE FASCIA DETAIL ON SHEET 102 FOR ADDITIONAL DETAILS.
 - SIDEWALK DRAINAGE IS PAID FOR AS "CEMENT CONCRETE SIDEWALK."

1 SIDEWALK DRAINAGE DETAIL
44-45, 102 N.T.S.



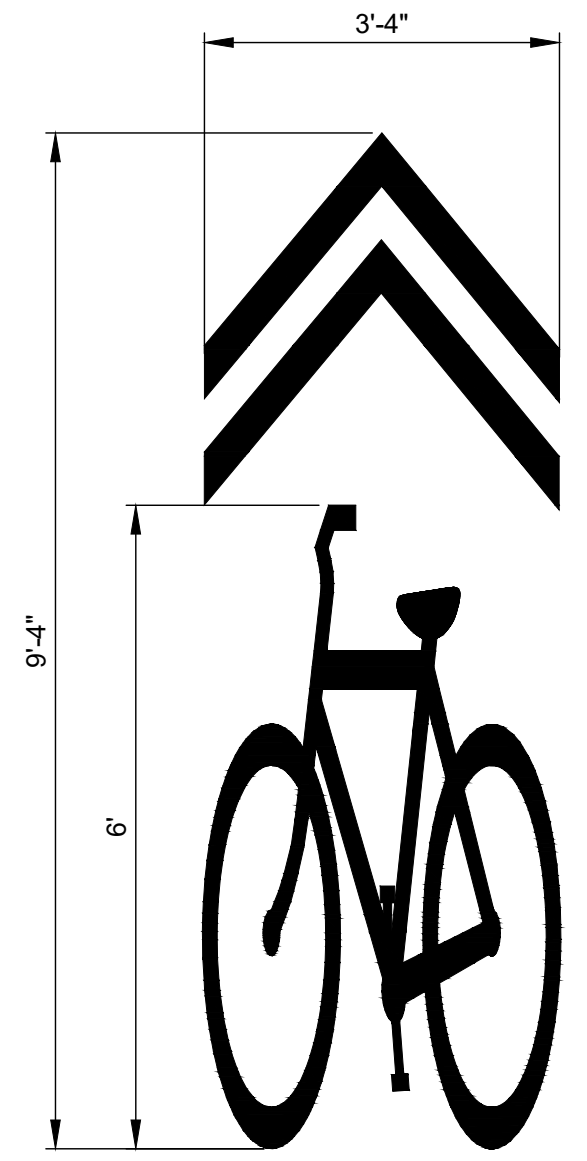
CUT CONDITION



FILL CONDITION

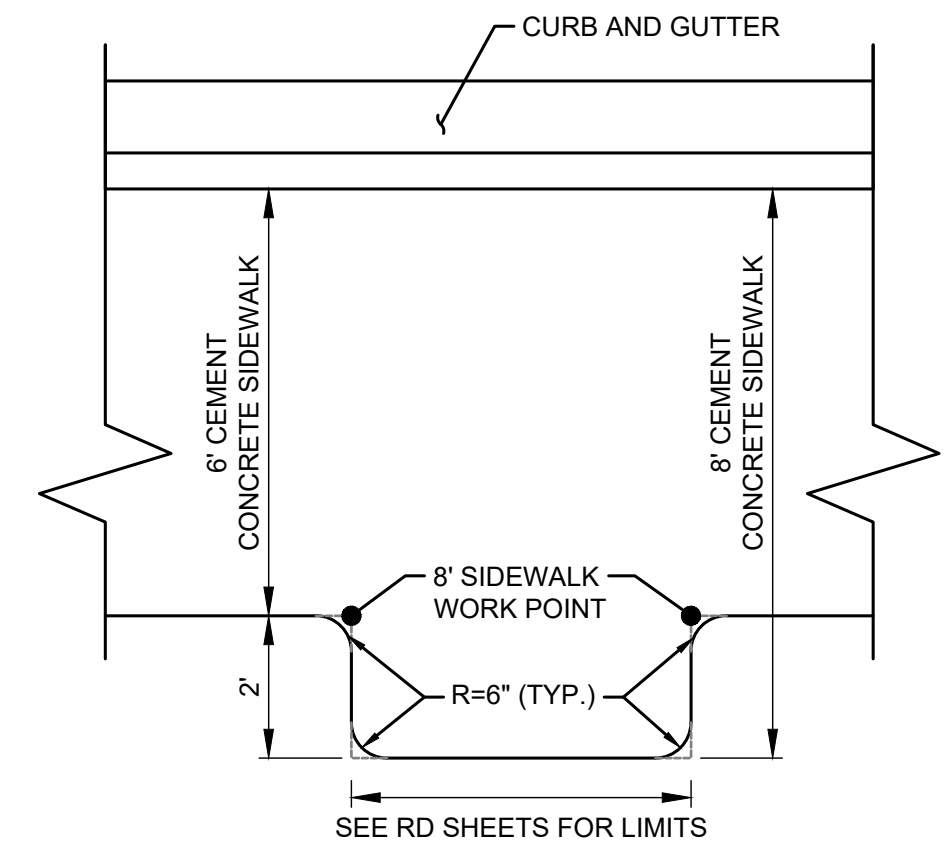
- NOTES**
- 4" FINE COMPOST PER STD. SPECIFICATION 9-14.5(8) AMENDED INTO 8" OF EXISTING SOIL OR GRAVEL BORROW FILL.
 - LANDSCAPE RESTORATION SHALL BE PAID AS "SOIL AMENDMENT" PER SQUARE YARD.

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



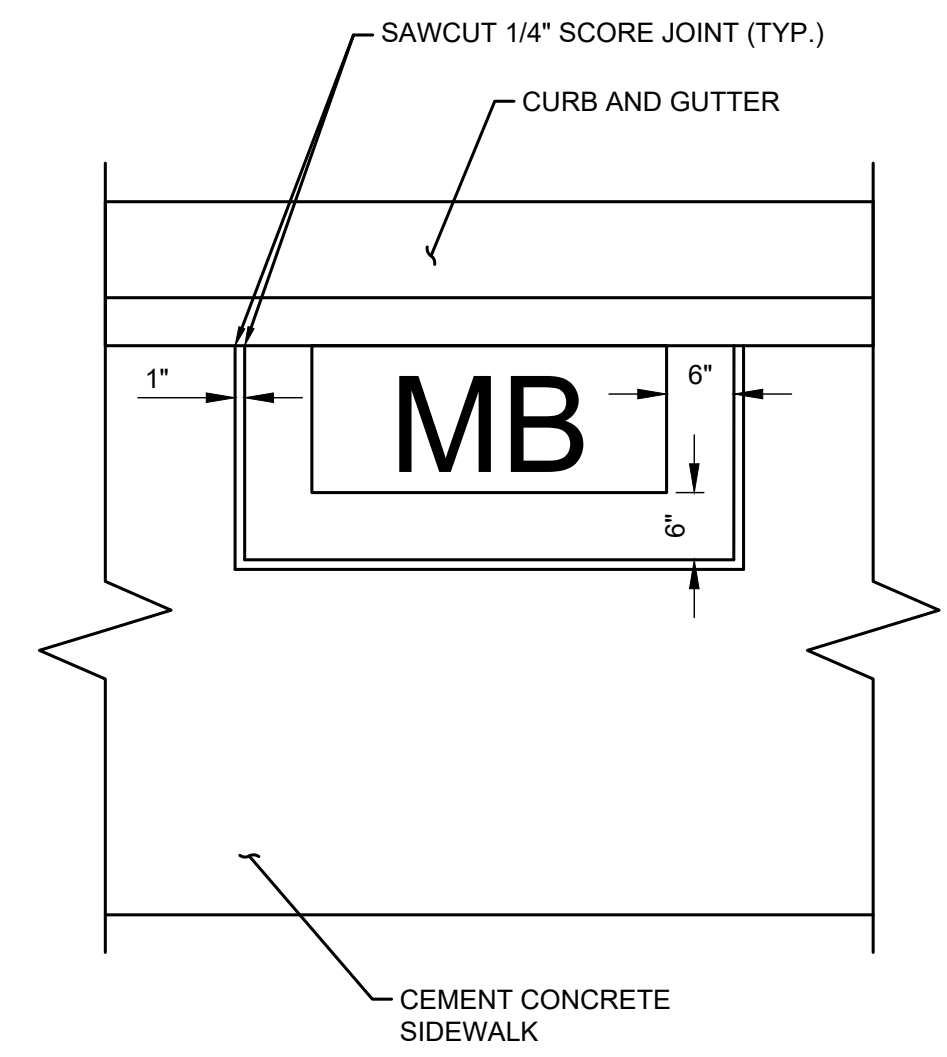
- NOTES**
- LEFT (HANDLE BAR) SIDE OF SYMBOL SHALL FACE CENTER OF ROADWAY.
 - SYMBOL SHALL BE THERMOPLASTIC (125 MIL).
 - SHARED LANE SYMBOL PAVEMENT MARKING IS PAID FOR AS "PLASTIC BICYCLE LANE SYMBOL".

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

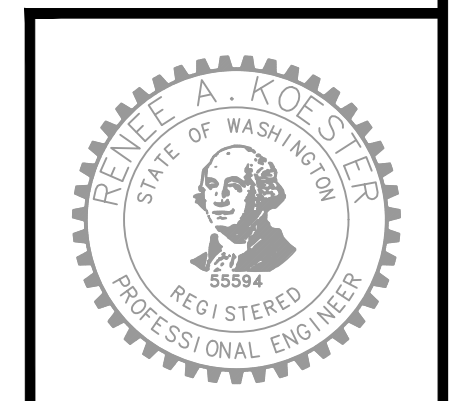


- NOTES**
- REFER TO NON-MOTORIZED IMPROVEMENT PLANS FOR STATION & OFFSET TO 8' SIDEWALK WORK POINTS.

4 WIDENED 8' SIDEWALK DETAIL
45-54 N.T.S.



5 MAILBOX SIDEWALK SCORING DETAIL
52 N.T.S.

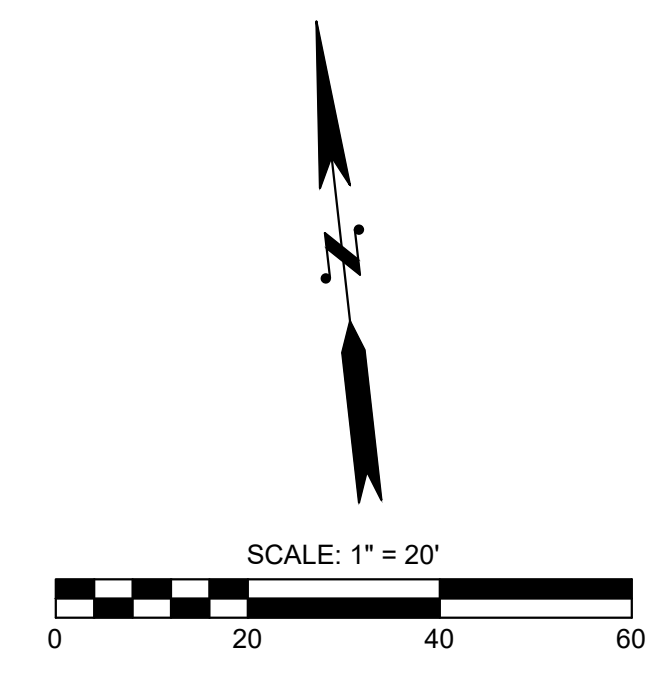


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DESIGNED BY RAKO	Osborn Consulting		NO.	DATE	REVISION	BY		LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH		JOB# / DWG 10-210058	DATE 01/29/2024
DRAWN BY RAKO			SCALE H: N/A V: N/A	NON-MOTORIZED IMPROVEMENT DETAILS		RD11					
CHECKED BY SBS			SHEET 56 of 102								

FILE NAME: C:\PIV\OCL\WORKING\DIROS\BORNCOR\CONSULTING-PW\BENTLEY.COM\OSBORNCOR\CONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_ROAD_DET.DWG
PLOT TIME: 1/29/2024 12:44 PM
USER NAME: LAURA TURNDIGE

FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCORNSULTING-PW\BENTLEY.COM\OSBORNCORNSULTING-PW\01LAURA TURNDIGE\DWG\10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:44 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

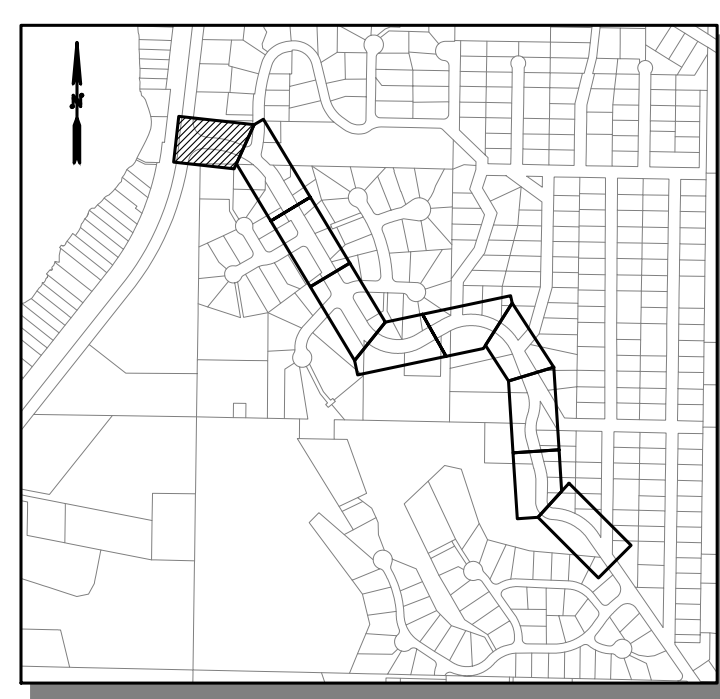
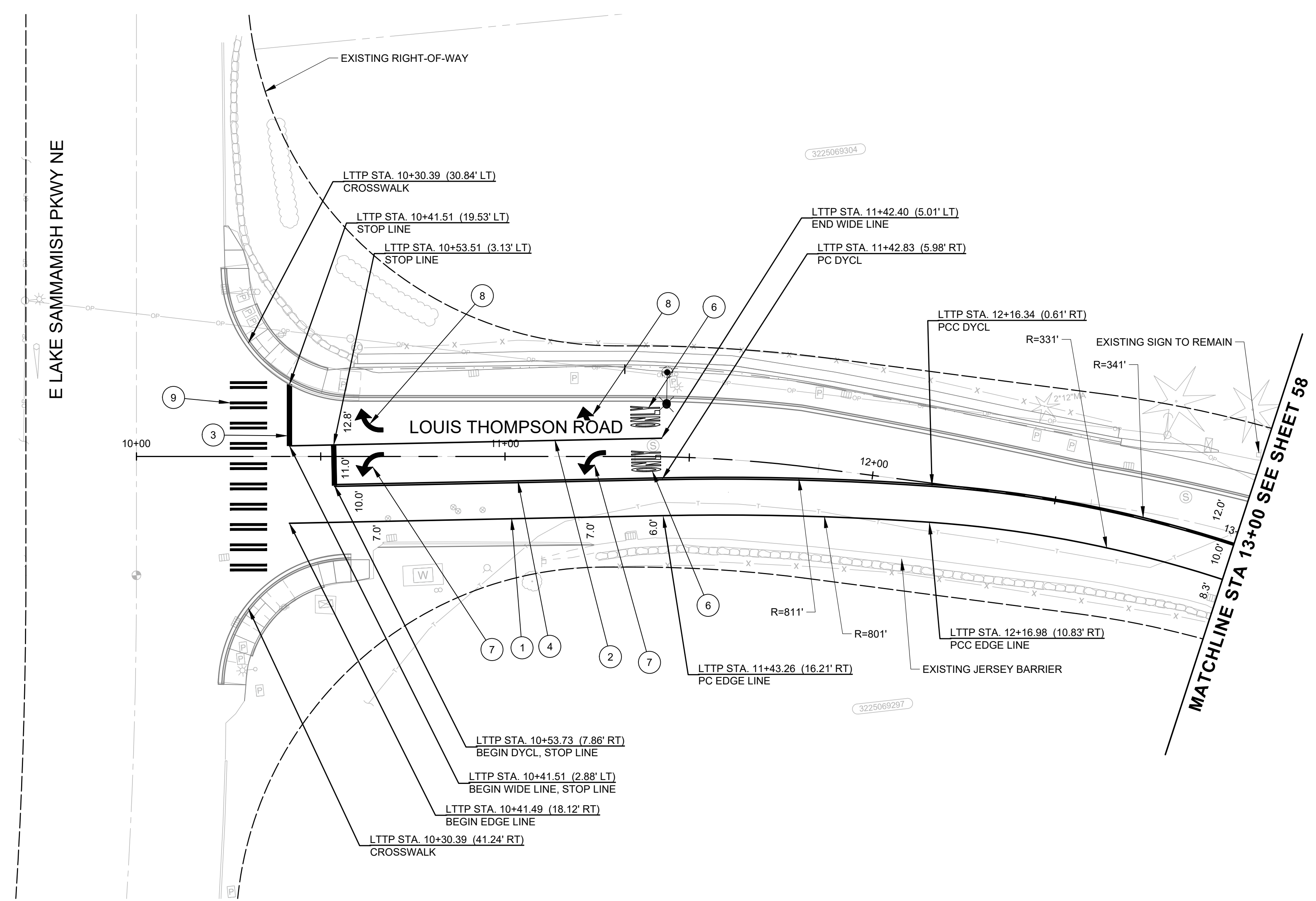
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL SECTIONS.
- SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
- SEE SHEET 18 TO 27 FOR STORM DRAINAGE PLAN AND PROFILES.
- SEE SHEETS 87 TO 96 FOR WALL PLAN AND PROFILES.
- SEE SHEETS 68 TO 74 FOR DRIVEWAY PLAN AND PROFILES.
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- STATION AND OFFSET PROVIDED IS TO THE CENTER OF THE PROPOSED CHANNELIZATION.
- SEE SHEET 67 FOR SIGN REMOVAL, RELOCATION, AND INSTALLATION SCHEDULES AND SIGN NOTES.
- STRIPING UP-STATION OF 205TH AVE NE (LTP STA. ±13+50) FOLLOWS THE CURVATURE OF LTP CONSTRUCTION ALIGNMENT.

CONSTRUCTION NOTES:

- INSTALL 8" WHITE PAINTED EDGE LINE.
- INSTALL 8" WHITE THERMOPLASTIC WIDE LINE WITH RPM PER C.O.S. FIG 04-03A.
- INSTALL 16" THERMOPLASTIC STOP LINE PER C.O.S. FIG 04-04.
- INSTALL 4" PAINTED DOUBLE YELLOW CENTERLINE WITH RPM PER C.O.S. FIG 04-03A.
- INSTALL THERMOPLASTIC BIKE SYMBOL, LANE ARROW AND BIKE RIDER SYMBOL PER C.O.S. FIG 04-02.
- INSTALL THERMOPLASTIC "ONLY" PAVEMENT MARKINGS PER C.O.S. FIG 04-05.
- INSTALL THERMOPLASTIC LEFT TURN ARROW, TYPE 2L, PER C.O.S. FIG 04-05.
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- INSTALL 8" WHITE PAINTED EXTENSION LINE PER C.O.S. FIG 04-03A.

LEGEND

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

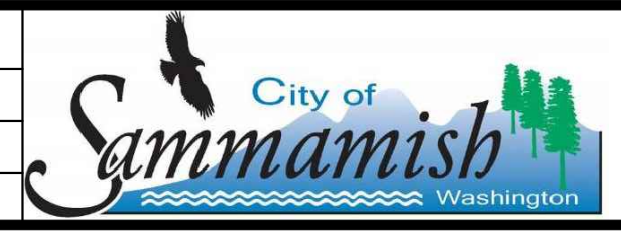


Know what's below.
Call before you dig.

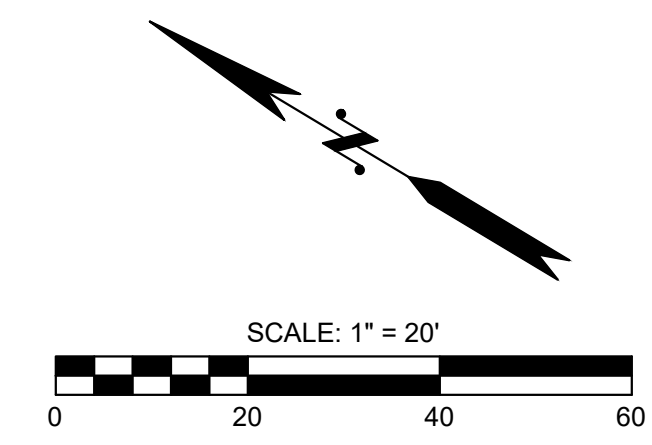


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS 		NO. DATE REVISION BY	LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
			SCALE H: 1"=20' V: N/A		CH01 SHEET 57 of 102	



FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

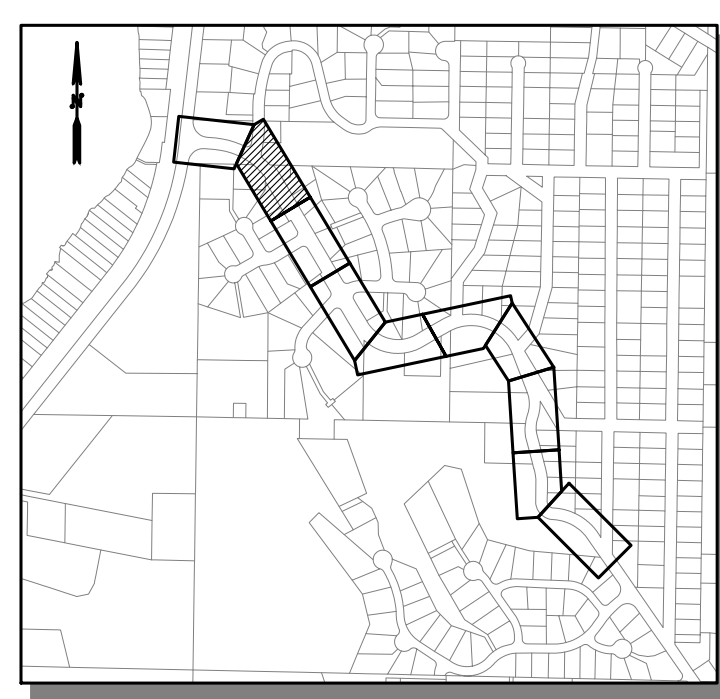
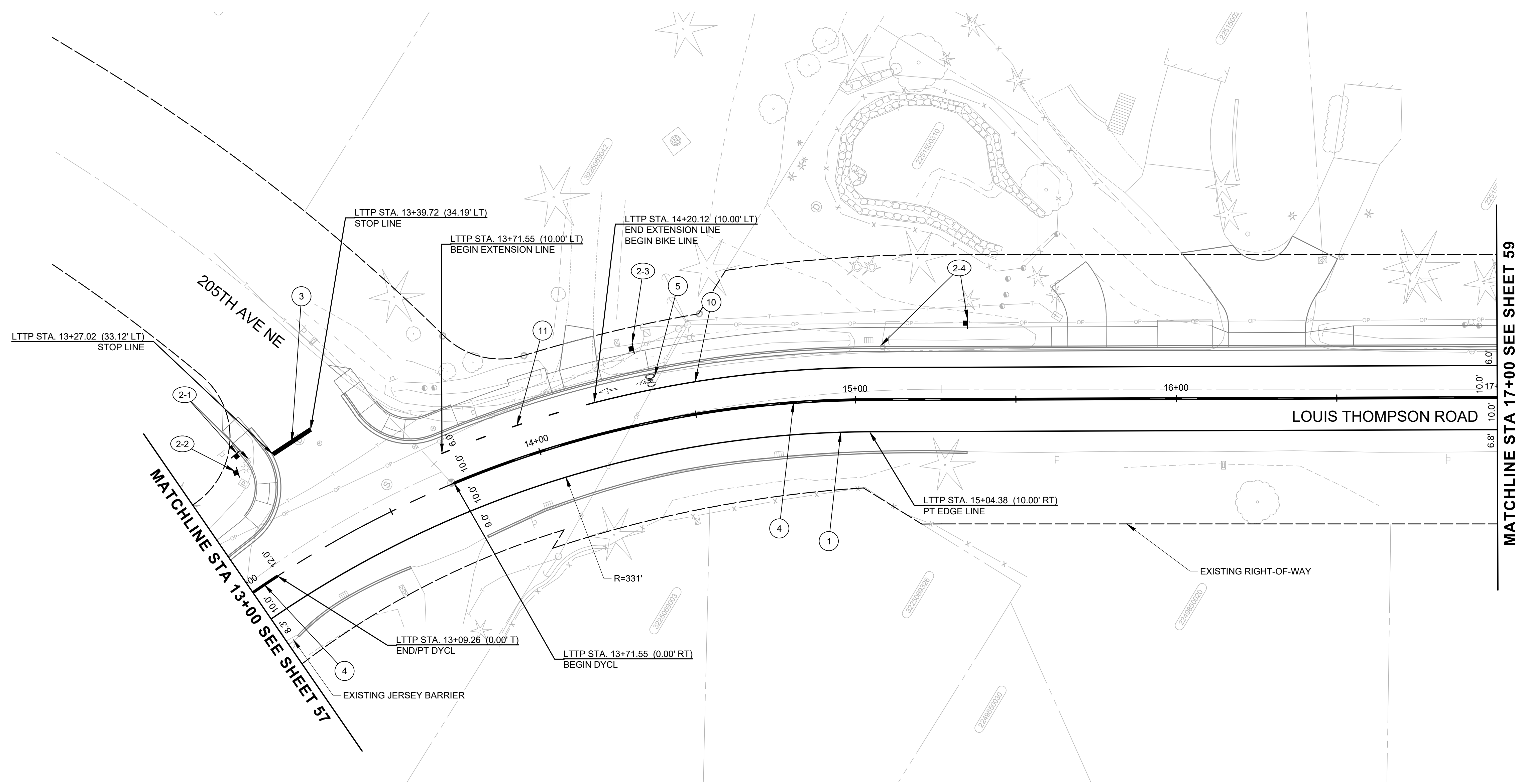
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL SECTIONS.
- SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
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- INSTALL 8" WHITE PAINTED EXTENSION LINE PER C.O.S. FIG 04-03A.

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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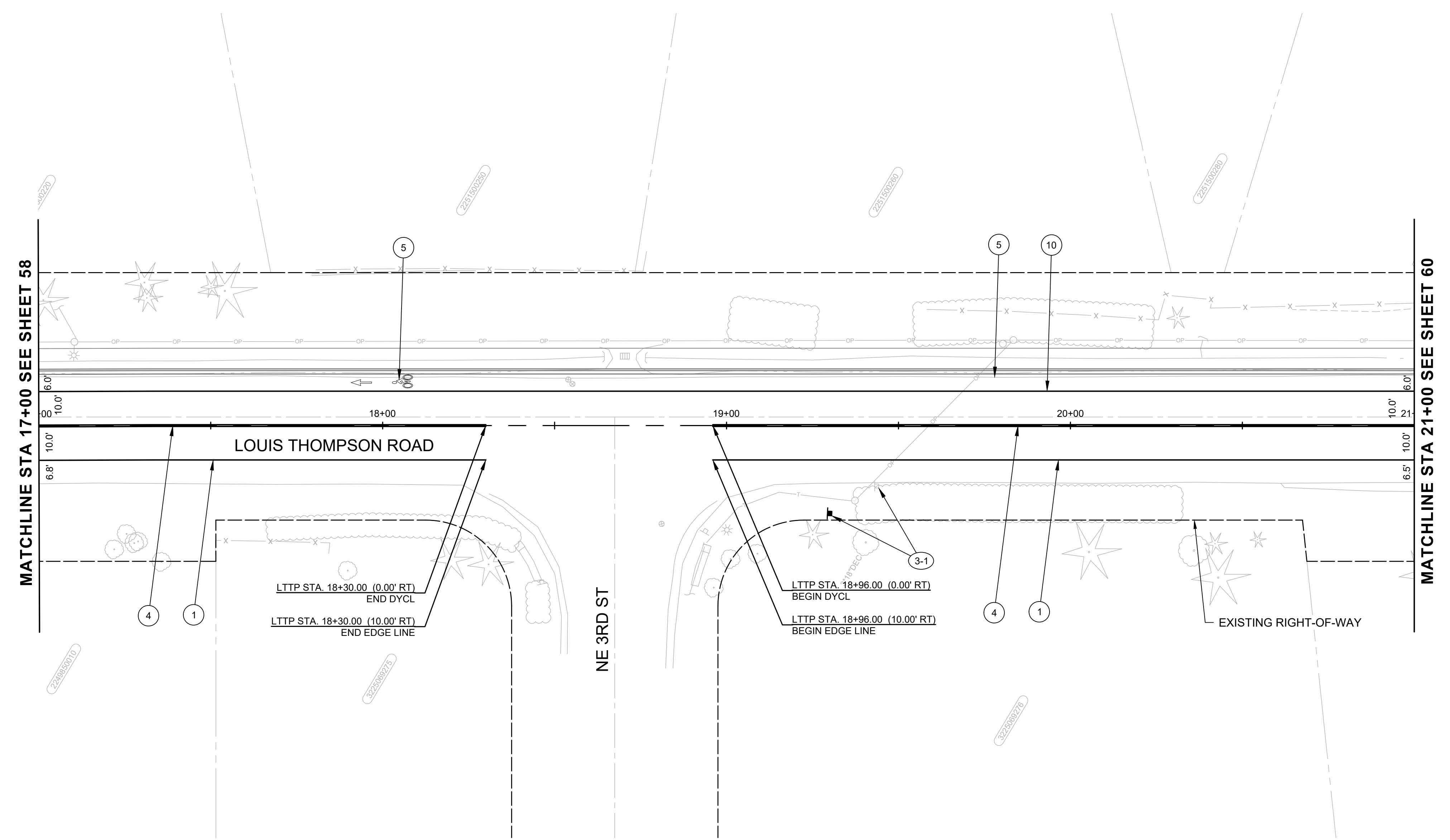
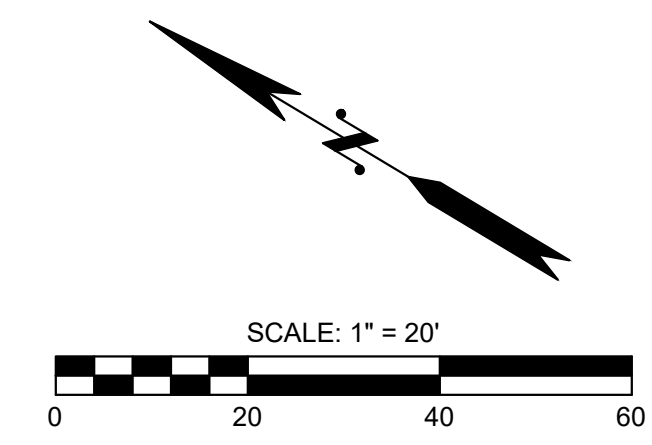


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS 		NO. DATE REVISION BY	LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
			SCALE H: 1"=20' V: N/A		CH02 SHEET 58 of 102	



FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_ROAD_CHAN.DWG
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 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

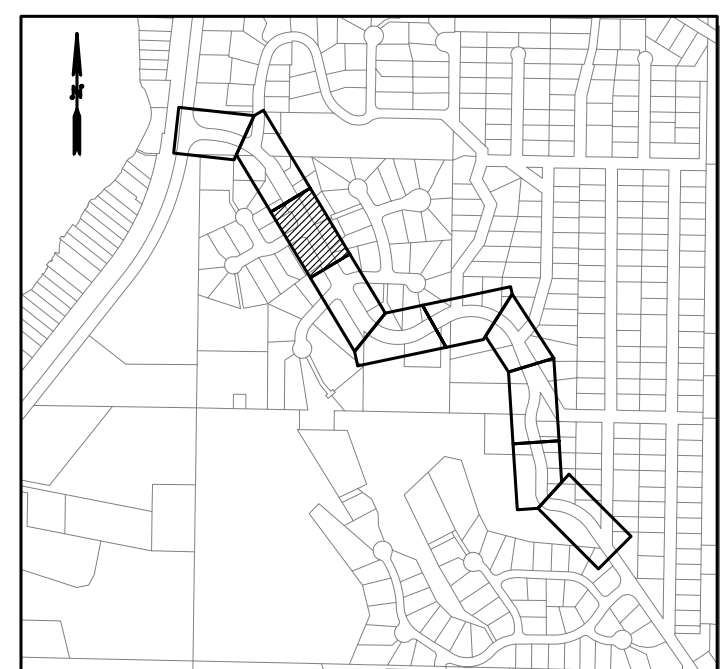
1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 45 FOR TYPICAL SECTIONS.
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11. INSTALL 8" WHITE PAINTED EXTENSION LINE PER C.O.S. FIG 04-03A.

LEGEND

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



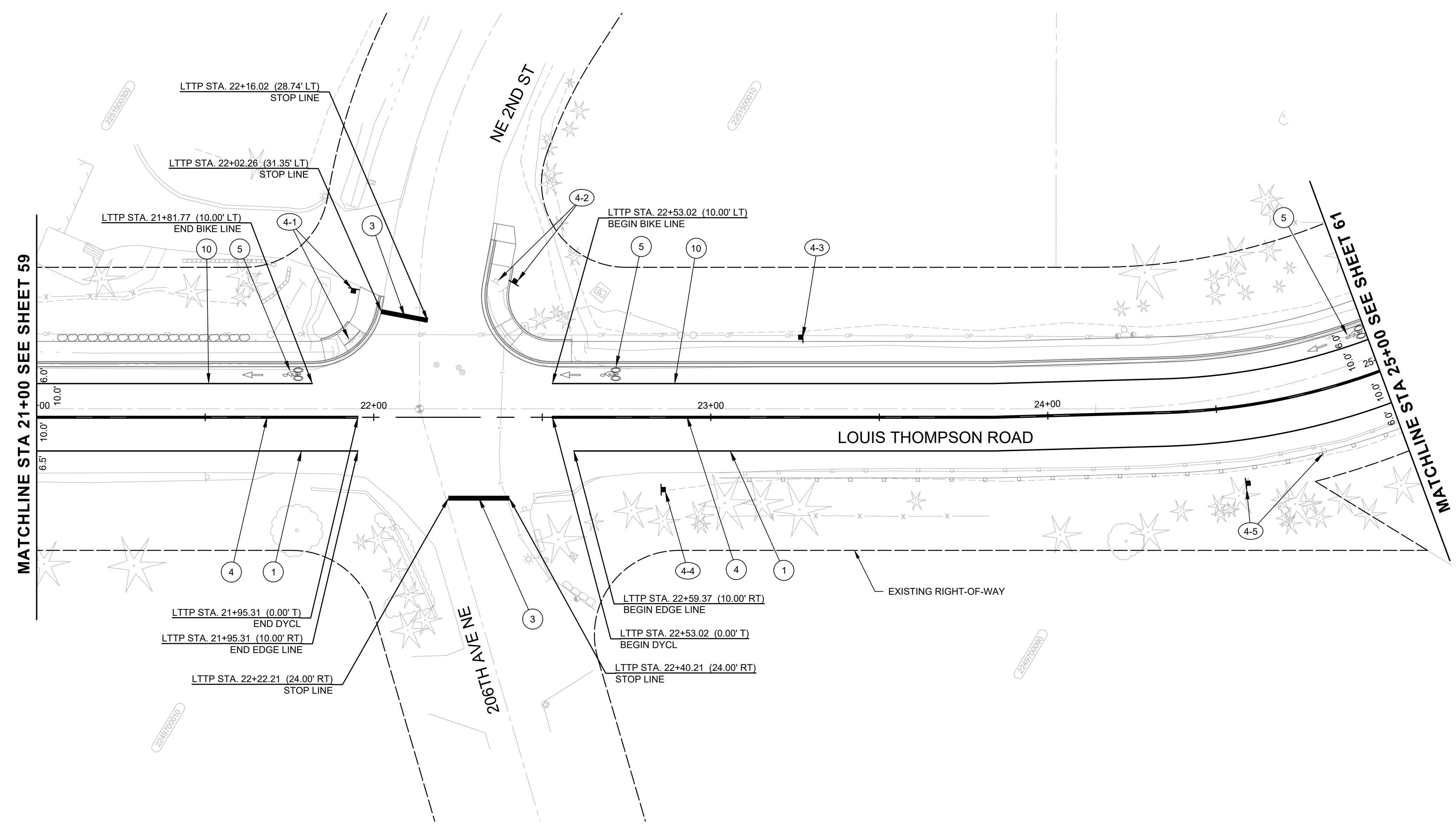
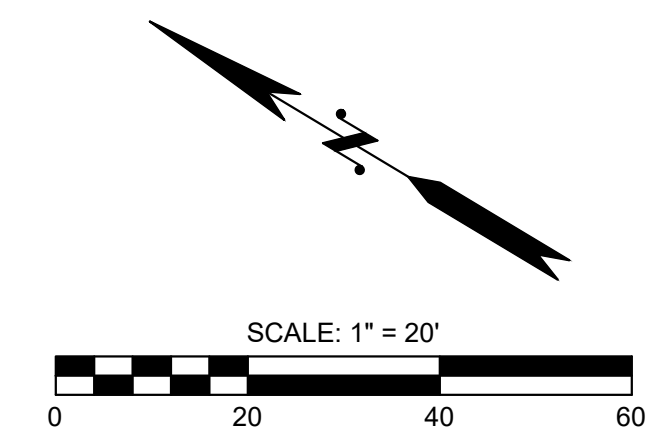
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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
				SCALE H: 1"=20' V: N/A		CH03 SHEET 59 of 102	

FILE NAME: C:\PW\OCL\WORKING\DIOSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW\01\LAURA TURNDIGE\DWG\10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

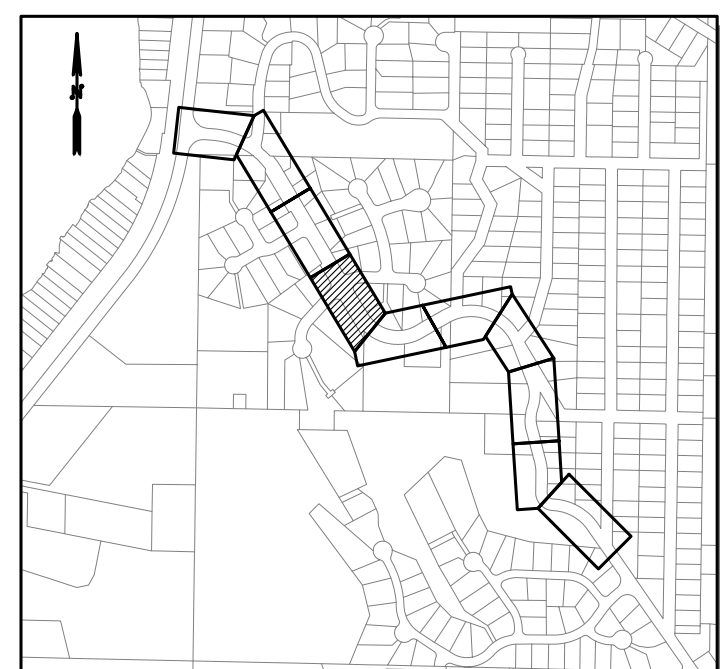
1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
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LEGEND

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

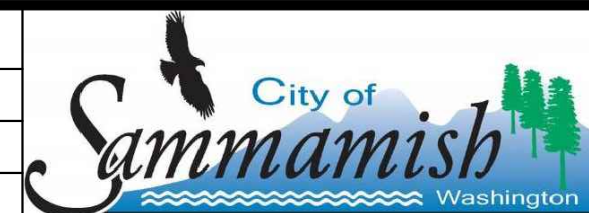


Know what's below.
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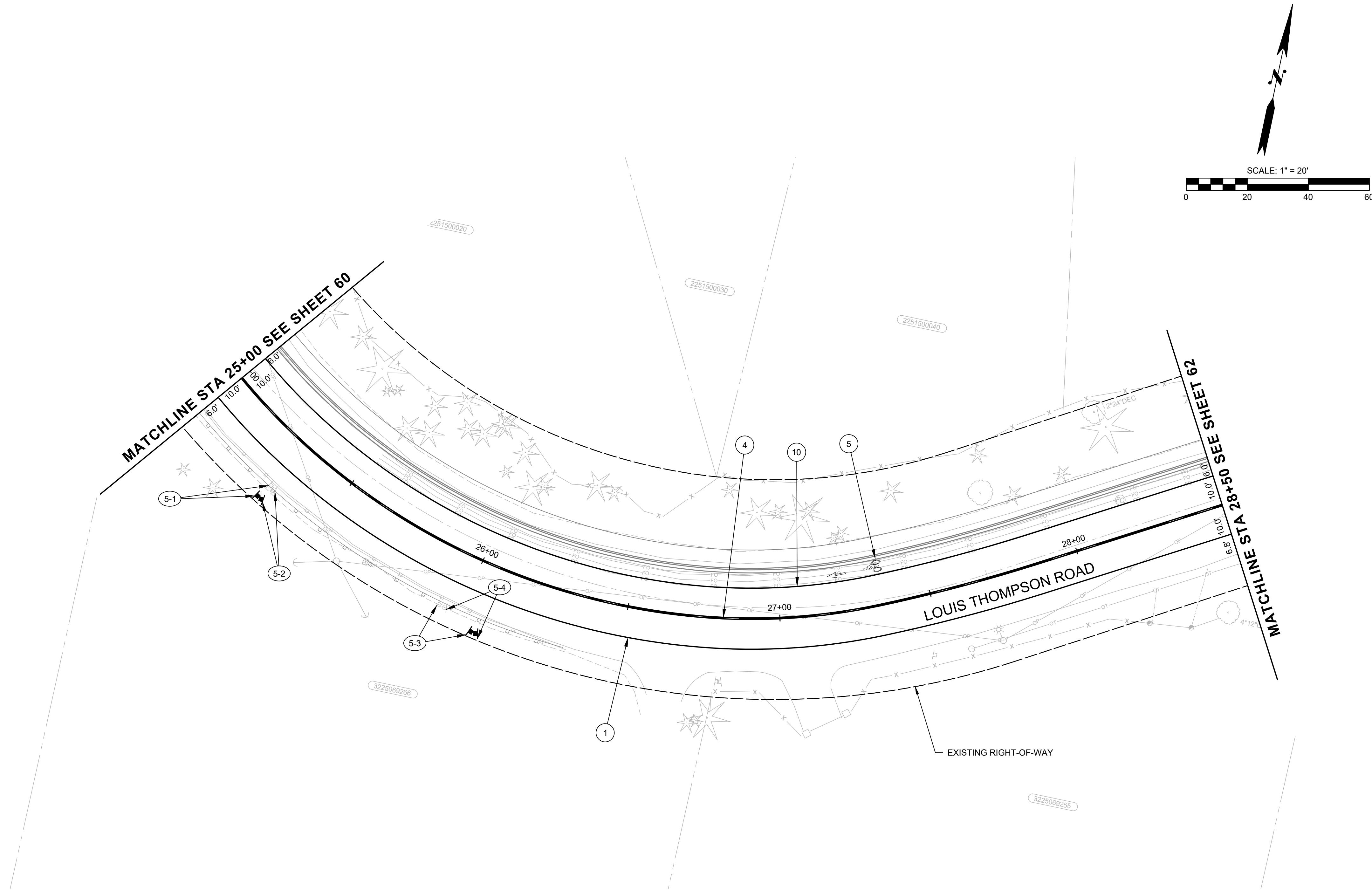


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			SCALE H: 1"=20' V: N/A		CH04 SHEET 60 of 102	



FILE NAME: C:\PW\OCC\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIGE\MS265661P_10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

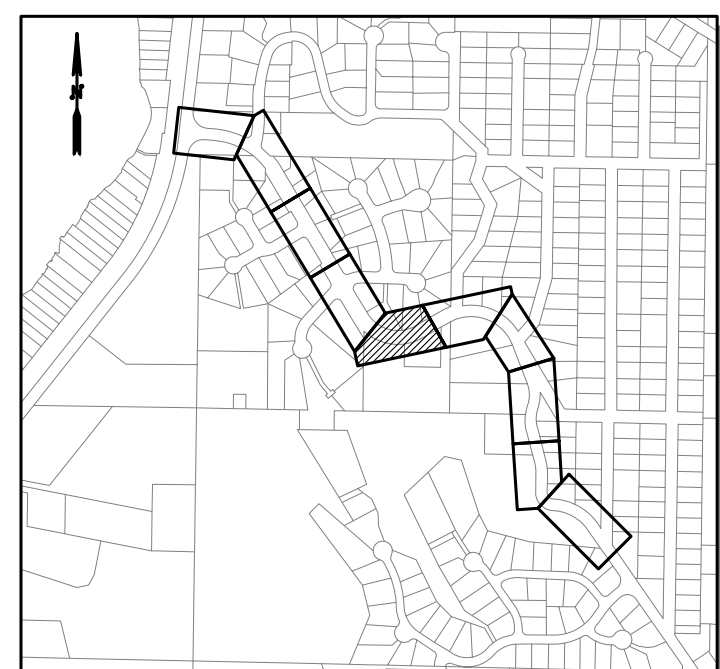
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LEGEND

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



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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS 		NO. DATE REVISION BY	LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
			SCALE H: 1"=20' V: N/A		CH05 SHEET 61 of 102	



FILE NAME: C:\PW\OCL\WORKINGDIROS\BORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P_10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

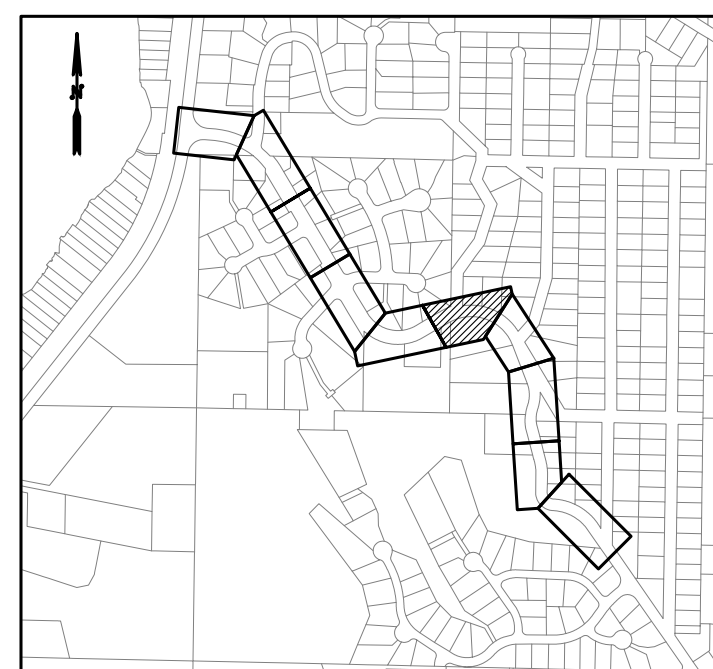
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- INSTALL THERMOPLASTIC LEFT TURN ARROW, TYPE 2L, PER C.O.S. FIG 04-05.
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- INSTALL 8" WHITE PAINTED EXTENSION LINE PER C.O.S. FIG 04-03A.

LEGEND

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



KEY MAP

DESIGNED BY
RAKO

DRAWN BY
RAKO

CHECKED BY
SBS



NO.	DATE	REVISION	BY



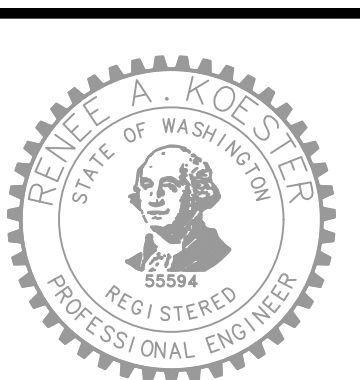
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 CHANNELIZATION AND SIGNING
 PLAN

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=20' V: N/A	CH06 SHEET 62 of 102

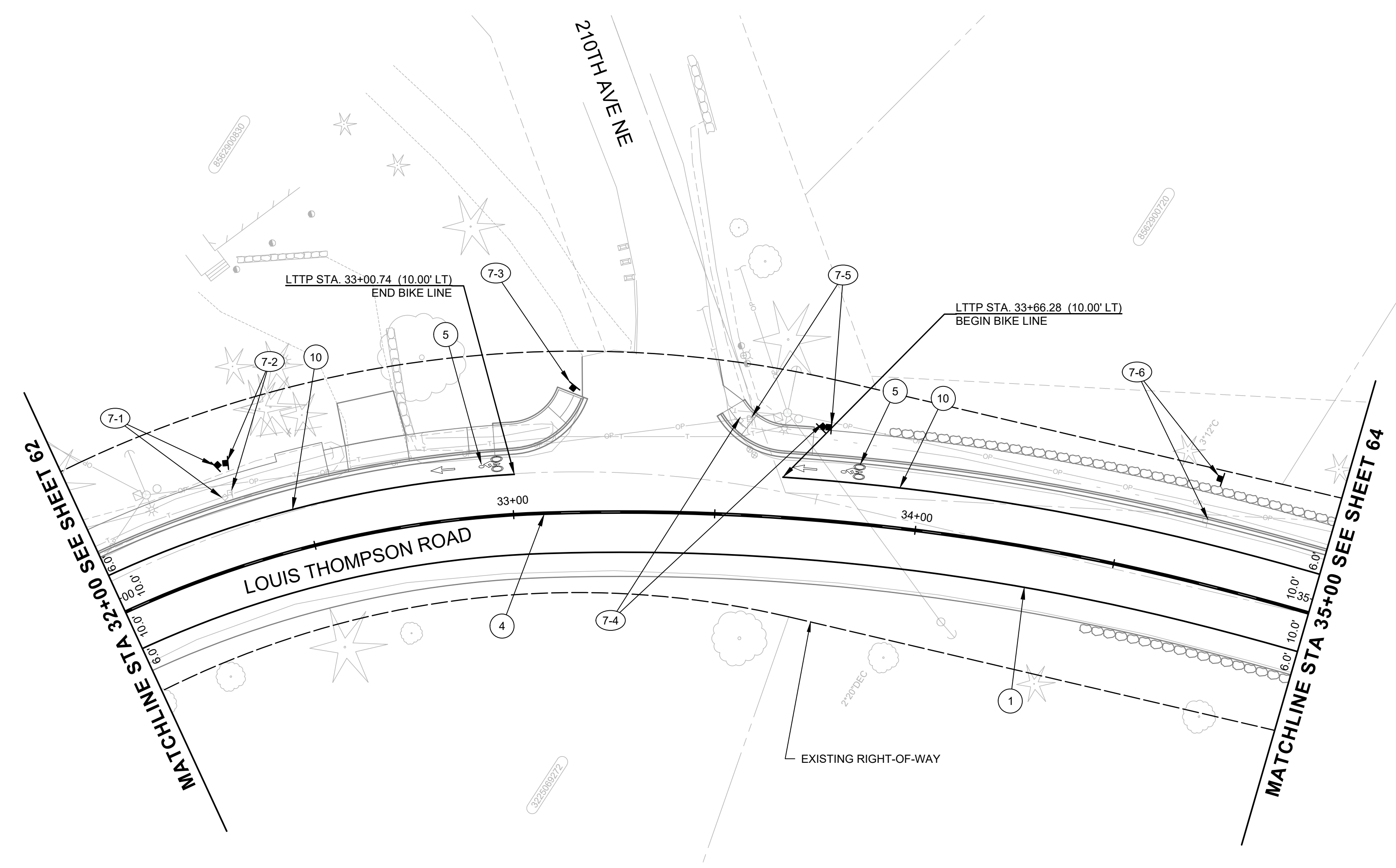
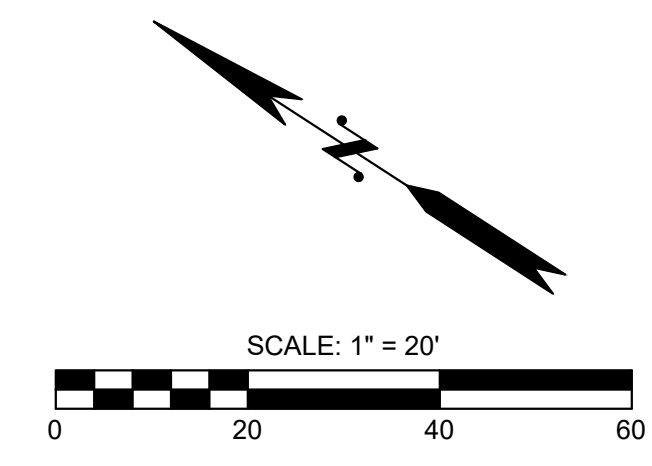
100% SUBMITTAL (NOT FOR CONSTRUCTION)



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FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

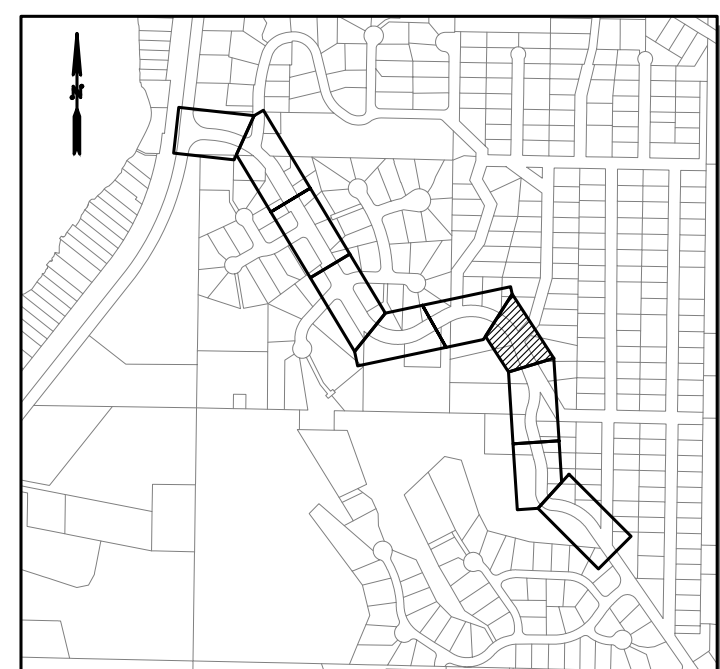
1. SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
2. SEE SHEET 45 FOR TYPICAL SECTIONS.
3. SEE SHEET 7 TO 16 FOR EROSION CONTROL AND SITE PREPARATION PLAN.
4. SEE SHEET 18 TO 27 FOR STORM DRAINAGE PLAN AND PROFILES.
5. SEE SHEETS 87 TO 96 FOR WALL PLAN AND PROFILES.
6. SEE SHEETS 68 TO 74 FOR DRIVEWAY PLAN AND PROFILES.
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8. CONTRACTOR SHALL MARK STRIPING LOCATIONS PRIOR TO INSTALLATION FOR APPROVAL BY THE ENGINEER.
9. STATION AND OFFSET PROVIDED IS TO THE CENTER OF THE PROPOSED CHANNELIZATION.
10. SEE SHEET 67 FOR SIGN REMOVAL, RELOCATION, AND INSTALLATION SCHEDULES AND SIGN NOTES.
11. STRIPING UP-STATION OF 205TH AVE NE (LITP STA. ±13+50) FOLLOWS THE CURVATURE OF LTTP CONSTRUCTION ALIGNMENT.

CONSTRUCTION NOTES:

1. INSTALL 8" WHITE PAINTED EDGE LINE.
2. INSTALL 8" WHITE THERMOPLASTIC WIDE LINE WITH RPM PER C.O.S. FIG 04-03A.
3. INSTALL 16" THERMOPLASTIC STOP LINE PER C.O.S. FIG 04-04.
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LEGEND

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



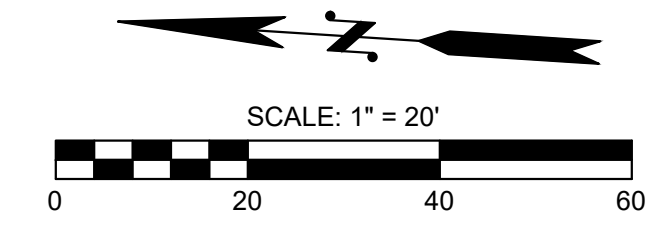
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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 01/29/2024 CH07 SHEET 63 of 102
--	--	--	--	---	--	--

FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

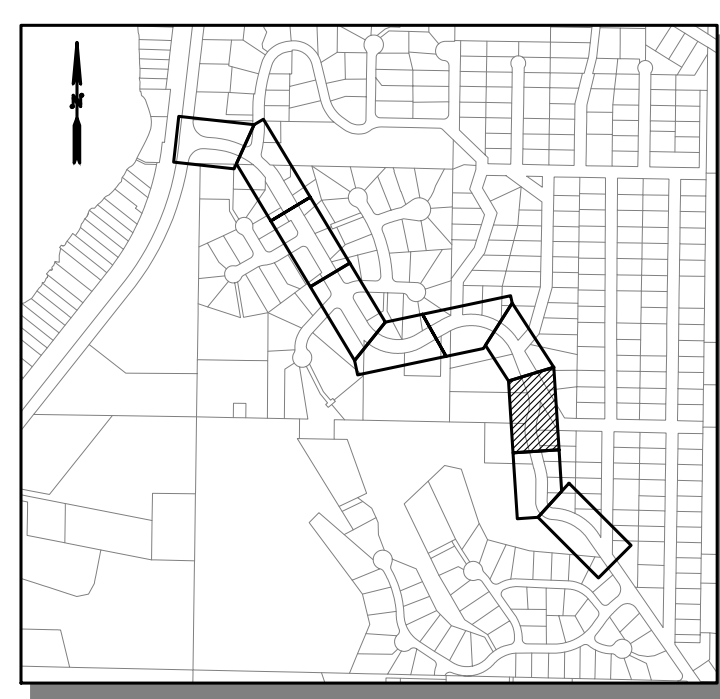
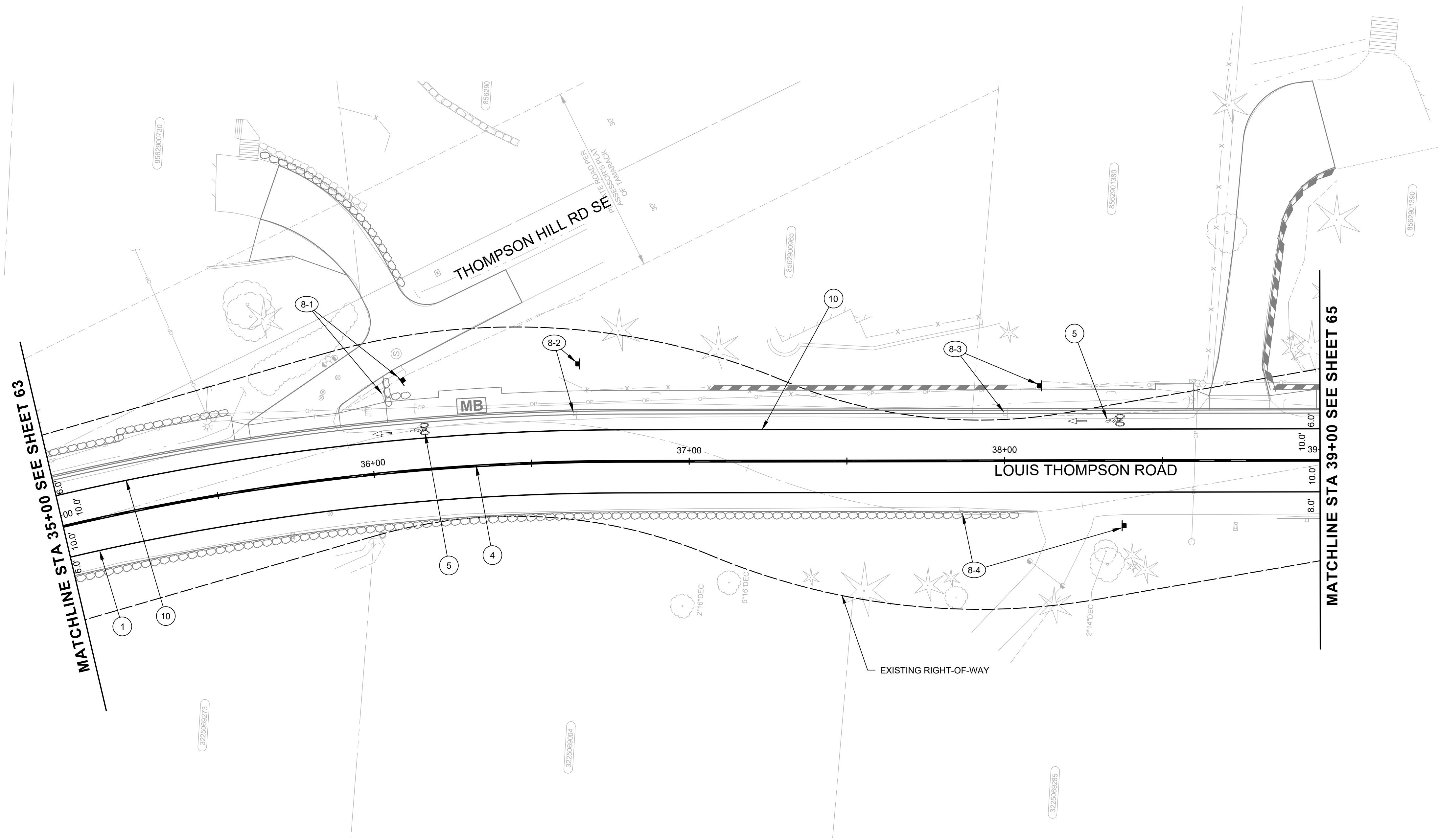
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11. STRIPING UP-STATION OF 205TH AVE NE (LTPP STA. ±13+50) FOLLOWS THE CURVATURE OF LTPP CONSTRUCTION ALIGNMENT.

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



KEY MAP

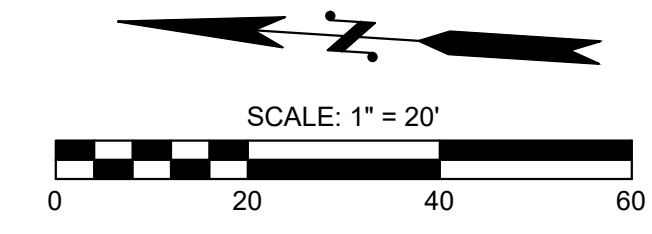


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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS 		<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	REVISION	BY						LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH CHANNELIZATION AND SIGNING PLAN		JOB# / DWG 10-210058	DATE 01/29/2024
			NO.	DATE	REVISION	BY									
SCALE H: 1"=20' V: N/A		SHEET 64 of 102		CH08											










GENERAL NOTES:

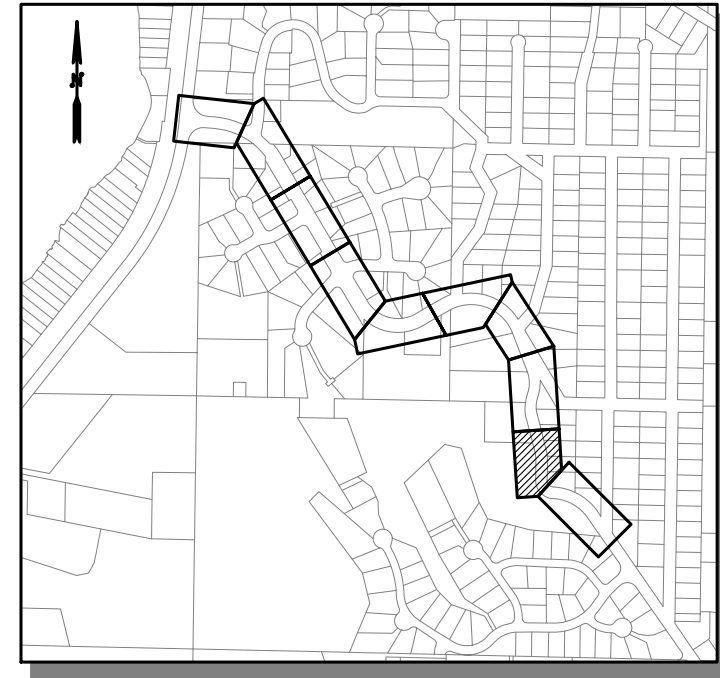
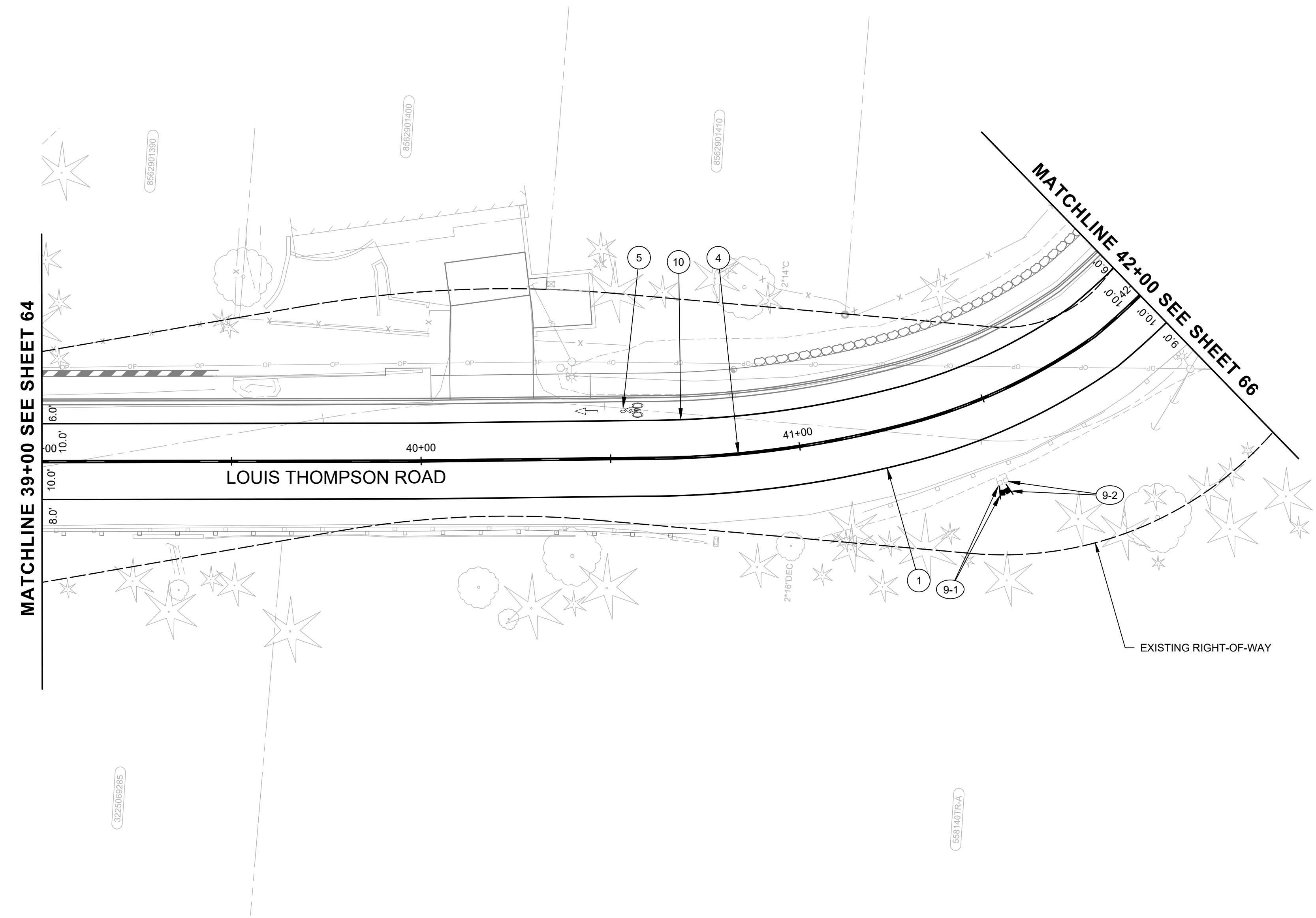
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LEGEND

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



FILE NAME: C:\P\1_OCI_WORKINGDIROSBORNCORNCONSULTING-PW.BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\DWG_10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNDIGE

DESIGNED BY
 RAKO
 DRAWN BY
 RAKO
 CHECKED BY
 SBS




 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	01/29/2024
SCALE	H: 1"=20' V: N/A	CH09	SHEET 65 of 102

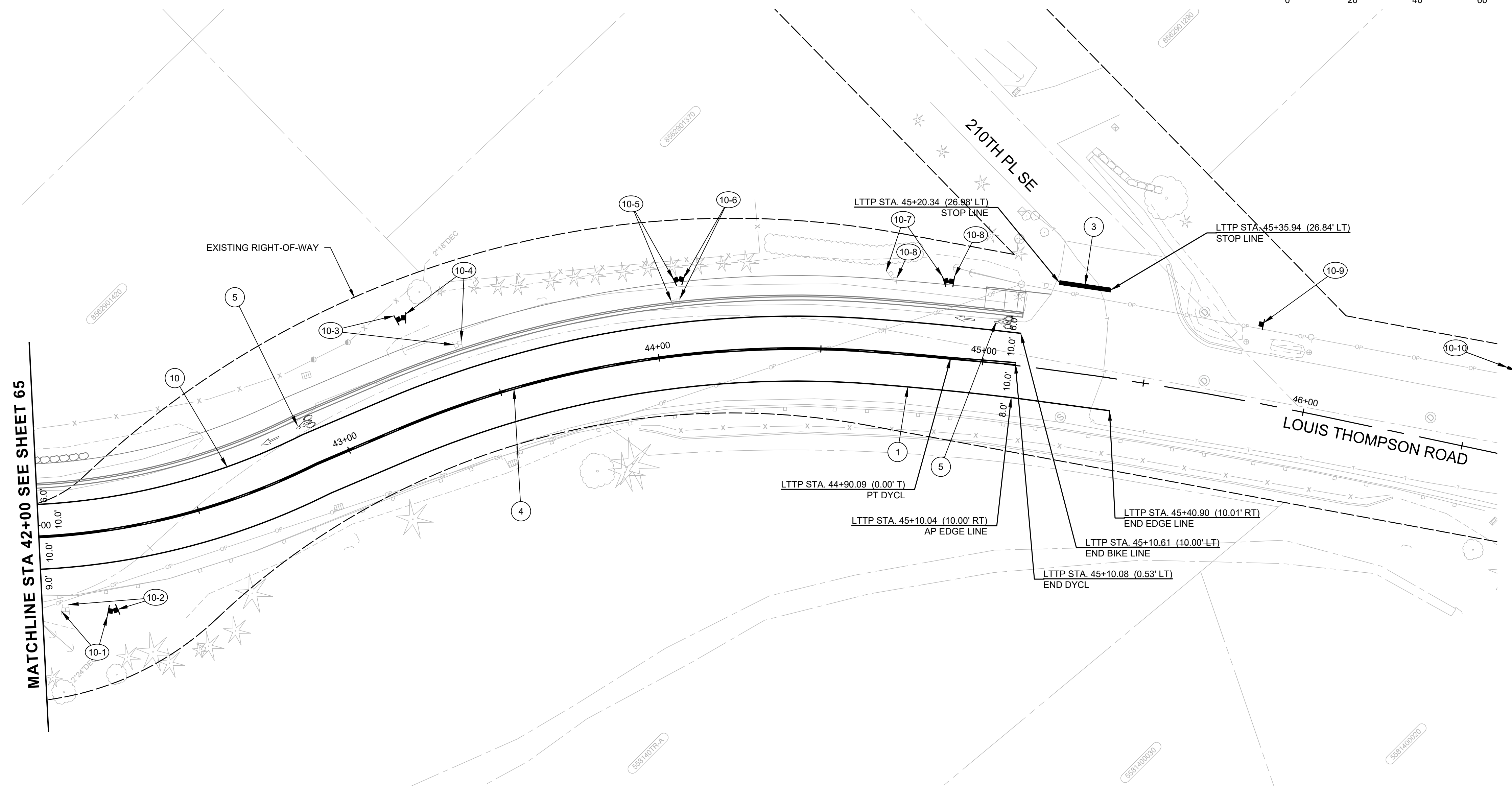
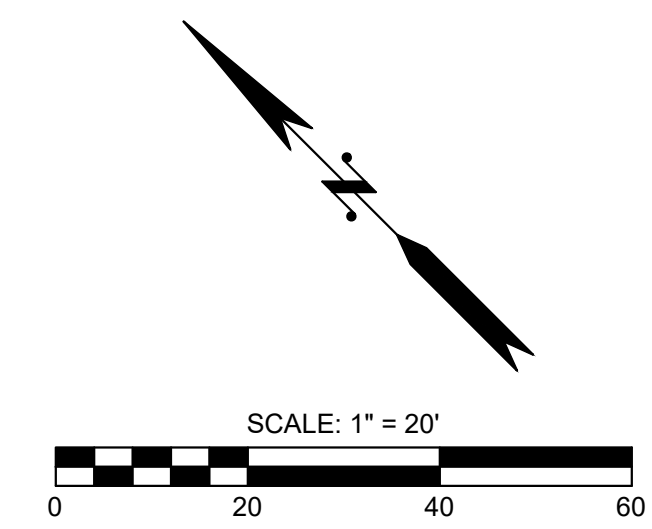
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 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNIDGE



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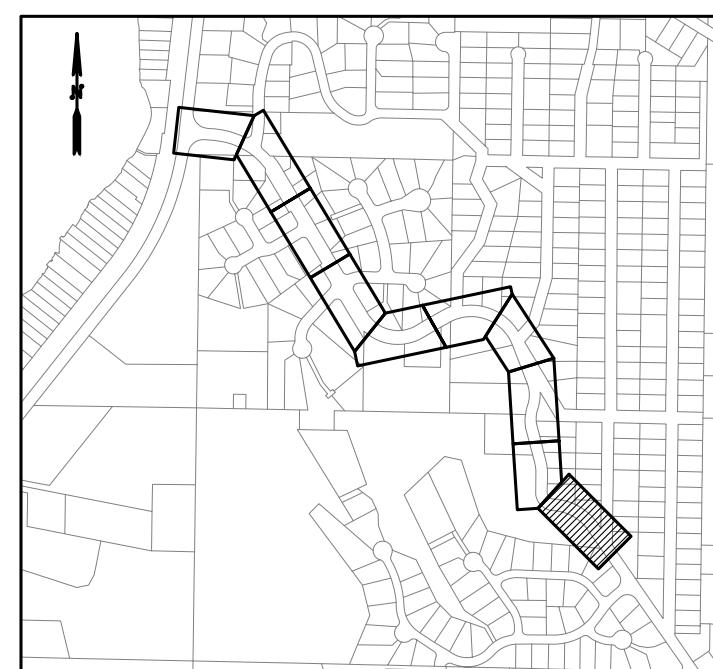
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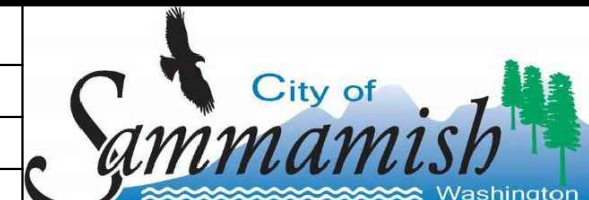


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NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=20' V: N/A	CH10	
		SHEET	66 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROBORNCORNCONSULTING-PW.BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P_10-210058_ROAD_CHAN.DWG
 PLOT TIME: 1/26/2024 12:45 PM
 USER NAME: LAURA TURNDIGE

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	R1-1	STOP	LTPP	13+18	LT	38.42	30"	30"	EX. STEEL	7'		
2-2	W1-8	CHEVRON LEFT	LTPP	13+15	LT	34.11	18"	24"	EX. STEEL	7'	RELOCATE EX. SIGN TO LUMINAIRE WITH BAND-IT. RETURN POST TO CITY.	
2-3	R3-17	BIKE LANE	LTPP	14+35	LT	24.00	24"	30"	STEEL	7'		
	R3-17B	ENDS	LTPP	14+35	LT	24.00	24"	8"	STEEL	6'-4"		
2-4	W3-3	SIGNAL AHEAD	LTPP	15+35	LT	24.00	30"	30"	EX. STEEL	7'		
3-1	R2-1	SPEED LIMIT 35 MPH	LTPP	19+29	RT	25.54	24"	30"	STEEL	10'-6"		
4-1	R1-1	STOP SIGN	LTPP	21+94	LT	37.52	30"	30"	EX. STEEL	7'		
4-2	W14-1	DEAD END	LTPP	22+42	LT	41.46	30"	30"	EX. STEEL	7'		
4-3	R2-1	SPEED LIMIT 35 MPH	LTPP	23+27	LT	23.75	24"	30"	EX. STEEL	7'		
4-4	CUSTOM	HIDDEN DRIVES AHEAD	LTPP	22+85	RT	21.47	30"	30"	STEEL	7'		
4-5	W1-8	CHEVRON LEFT	LTPP	24+55	RT	23.50	18"	24"	STEEL	11'-6"		
5-1	W1-8	CHEVRON LEFT	LTPP	25+30	RT	23.50	18"	24"	STEEL	10'		
5-2	W1-8	CHEVRON RIGHT	LTPP	25+31	RT	23.50	18"	24"	STEEL	11'		
5-3	W1-8	CHEVRON LEFT	LTPP	26+05	RT	23.50	18"	24"	STEEL	11'		
5-4	W1-8	CHEVRON RIGHT	LTPP	26+06	RT	23.50	18"	24"	STEEL	9'-6"		
6-1	W1-8	CHEVRON RIGHT	LTPP	29+58	LT	23.50	18"	24"	EX. STEEL	7'		
6-2	W1-8	CHEVRON LEFT	LTPP	29+59	LT	23.50	18"	24"	STEEL	7'		
	D3-101	STREET NAME	LTPP	29+71	LT	34.16	8"	12"	STEEL	8'-6"	REMOVE SIGN AND RELOCATE ABOVE SIGN 6-3 (R1-1)	
6-3	R1-1	STOP	LTPP	29+71	LT	34.16	30"	30"	STEEL	7'	INSTALL RELOCATED D3-101 FROM SIGN 6-2 ABOVE	
6-4	W1-8	CHEVRON RIGHT	LTPP	30+99	LT	23.50	18"	24"	EX. STEEL	7'		
6-5	W1-8	CHEVRON LEFT	LTPP	31+01	LT	23.50	18"	24"	EX. STEEL	7'		
7-1	W1-8	CHEVRON RIGHT	LTPP	32+33	LT	23.50	18"	24"	EX. STEEL	7'		
7-2	W1-8	CHEVRON LEFT	LTPP	32+35	LT	23.50	18"	24"	EX. STEEL	7'		
7-3	R1-1	STOP	LTPP	33+15	LT	30.98	30"	30"	STEEL	7'	INSTALL RELOCATED D3-101 FROM SIGN 7-5 ABOVE	
7-4	W1-8	CHEVRON RIGHT	LTPP	33+75	LT	23.50	18"	24"	EX. STEEL	6'		
7-5	W1-8	CHEVRON LEFT	LTPP	33+76	LT	23.50	18"	24"	STEEL	7'		
	D3-101	STREET NAME	LTPP	33+15	LT	68.50	8"	12"	STEEL	8'-6"	REMOVE SIGN AND RELOCATE ABOVE SIGN 7-3 (R1-1)	
7-6	W1-8	CHEVRON LEFT	LTPP	34+71	LT	26.45	18"	24"	STEEL	3'		
8-1	CUSTOM	PRIVATE - NEIGHBORHOOD WATCH & HOUSE NUMBER	LTPP	36+11	LT	28.53	30"	36"	EX. WOOD	EX	RELOCATE EXISTING SIGN AND POST	
8-2	W11-3	DEER CROSSING	LTPP	36+64	LT	23.75	30"	30"	EX. STEEL	7'		
8-3	W1-3L	REVERSE TURN LEFT	LTPP	36+66	LT	31.04	30"	30"	STEEL	8'		
	W13-1P	ADVISORY SPEED 25 MPH	LTPP	36+66	LT	31.04	18"	18"	STEEL	6'-6"	MOUNT BELOW REVERSE TURN LEFT	
8-4	W1-3L	REVERSE TURN LEFT	LTPP	38+38	RT	20.66	30"	30"	STEEL	8'		
	W13-1P	ADVISORY SPEED 25 MPH	LTPP	38+38	RT	20.66	18"	18"	STEEL	6'-6"	MOUNT BELOW REVERSE TURN LEFT	
9-1	W1-8	CHEVRON LEFT	LTPP	41+46	RT	25.00	18"	24"	STEEL	9'-6"		
9-2	W1-8	CHEVRON RIGHT	LTPP	41+47	RT	25.00	18"	24"	STEEL	9'-6"		
10-1	W1-8	CHEVRON LEFT	LTPP	42+19	RT	25.00	18"	24"	STEEL	7'-6"		
10-2	W1-8	CHEVRON RIGHT	LTPP	42+20	RT	25.00	18"	24"	STEEL	7'-6"		
10-3	W1-8	CHEVRON RIGHT	LTPP	43+29	LT	30.00	18"	24"	EX. STEEL	7'		
10-4	W1-8	CHEVRON LEFT	LTPP	43+30	LT	30.00	18"	24"	EX. STEEL	7'		
10-5	W1-8	CHEVRON RIGHT	LTPP	44+08	LT	23.25	18"	24"	EX. STEEL	7'		
10-6	W1-8	CHEVRON LEFT	LTPP	44+09	LT	23.25	18"	24"	EX. STEEL	7'		
10-7	W1-8	CHEVRON RIGHT	LTPP	44+88	LT	23.25	18"	24"	EX. STEEL	7'		
10-8	W1-8	CHEVRON LEFT	LTPP	44+89	LT	23.25	18"	24"	EX. STEEL	7'		
10-9	CUSTOM	HIDDEN DRIVES AHEAD	LTPP	45+83	LT	24.50	30"	30"	STEEL	8'-6"		
	W16-4P	NEXT 1/2 MILE	LTPP	45+83	LT	24.50	30"	24"	STEEL	6'		
10-10	R3-17	BIKE LANE	LTPP	46+85	LT	24.50	30"	30"	STEEL	8'		
	R3-17A	AHEAD	LTPP	46+85	LT	24.50	30"	8"	STEEL	6'-6"		



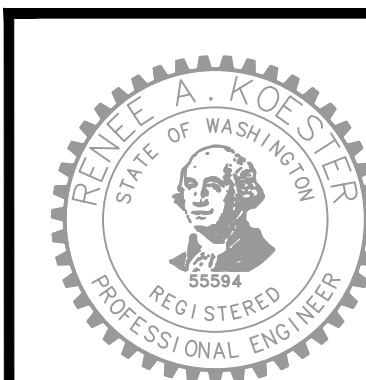
4-4 10-9

GENERAL 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.



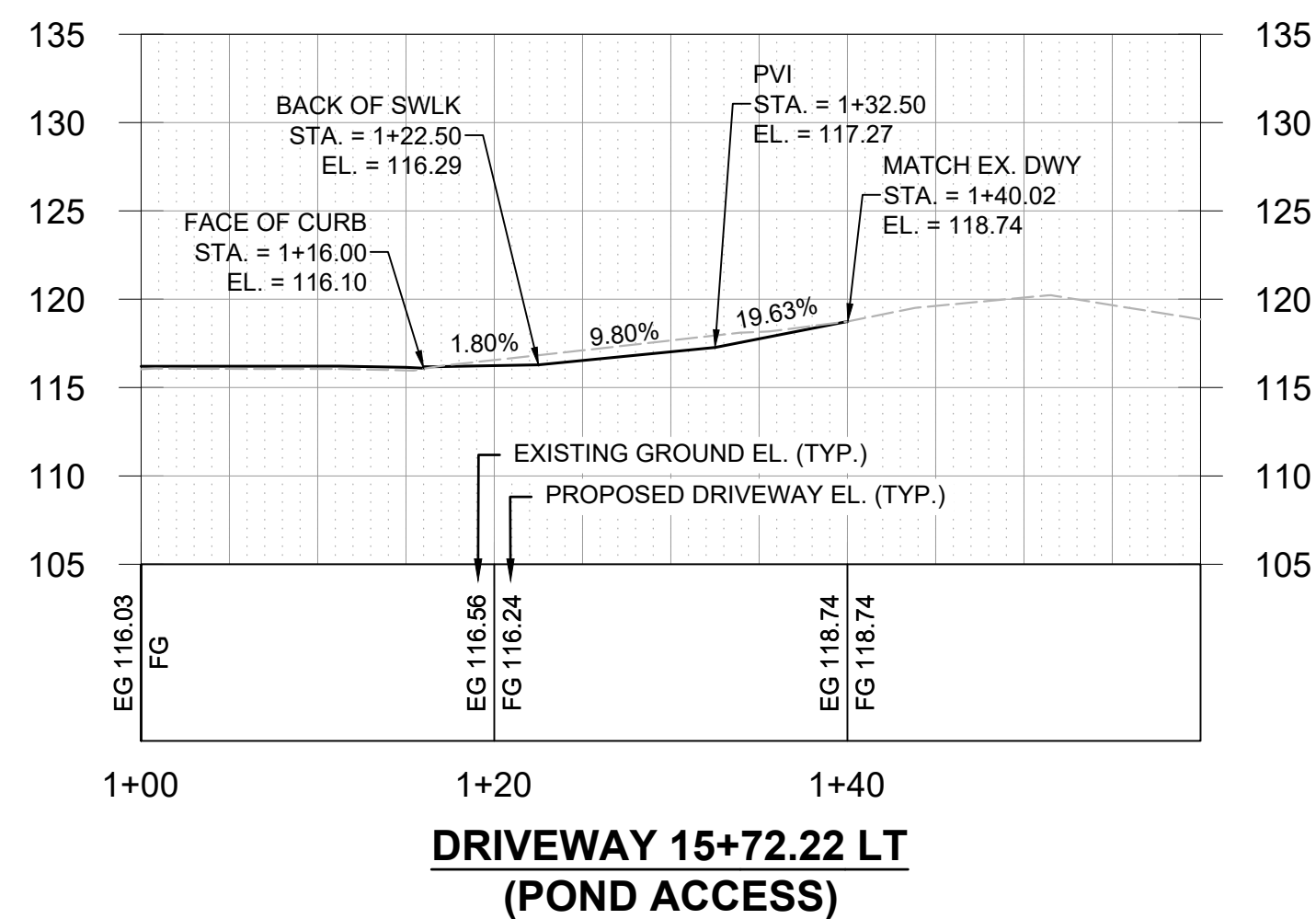
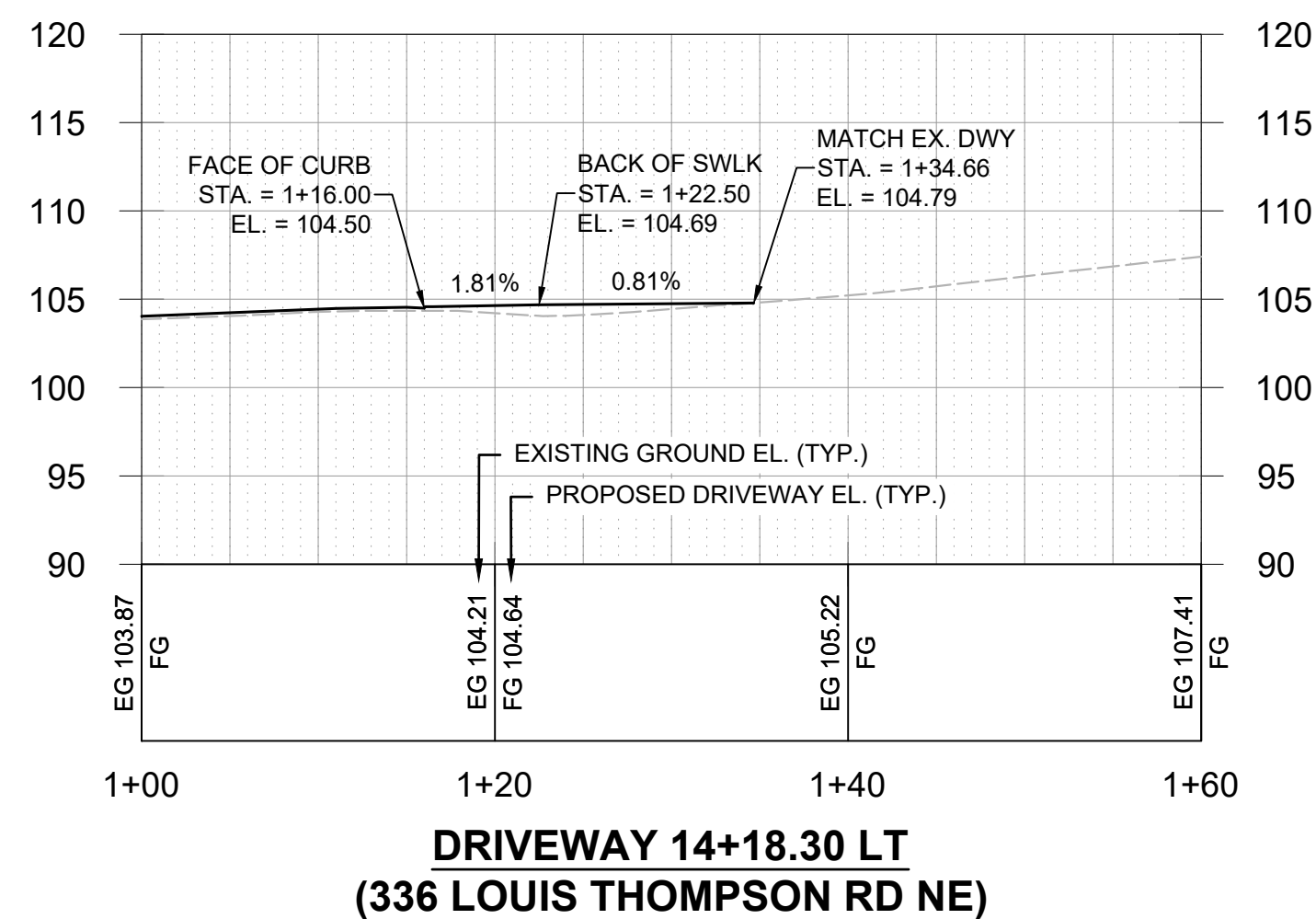
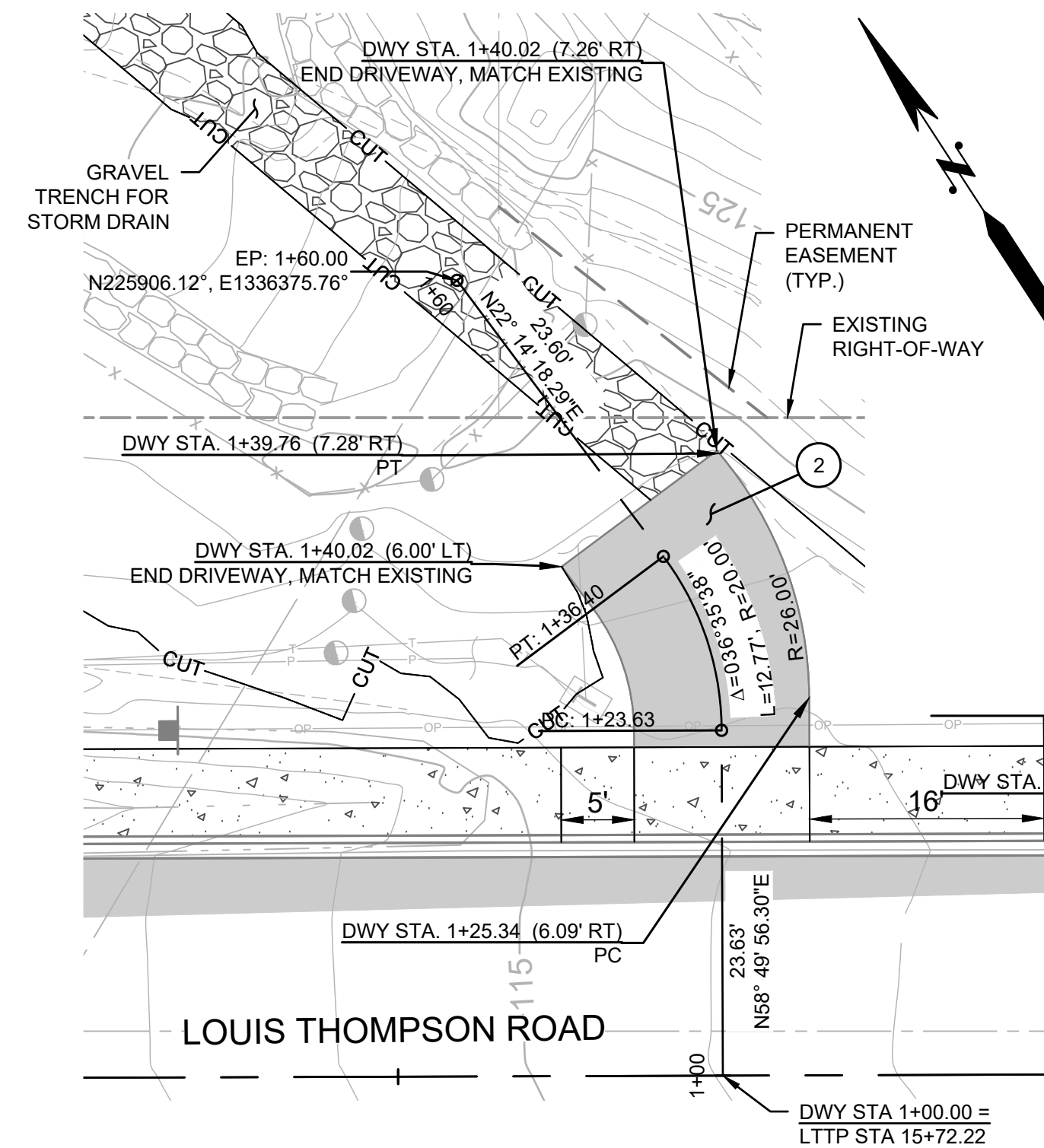
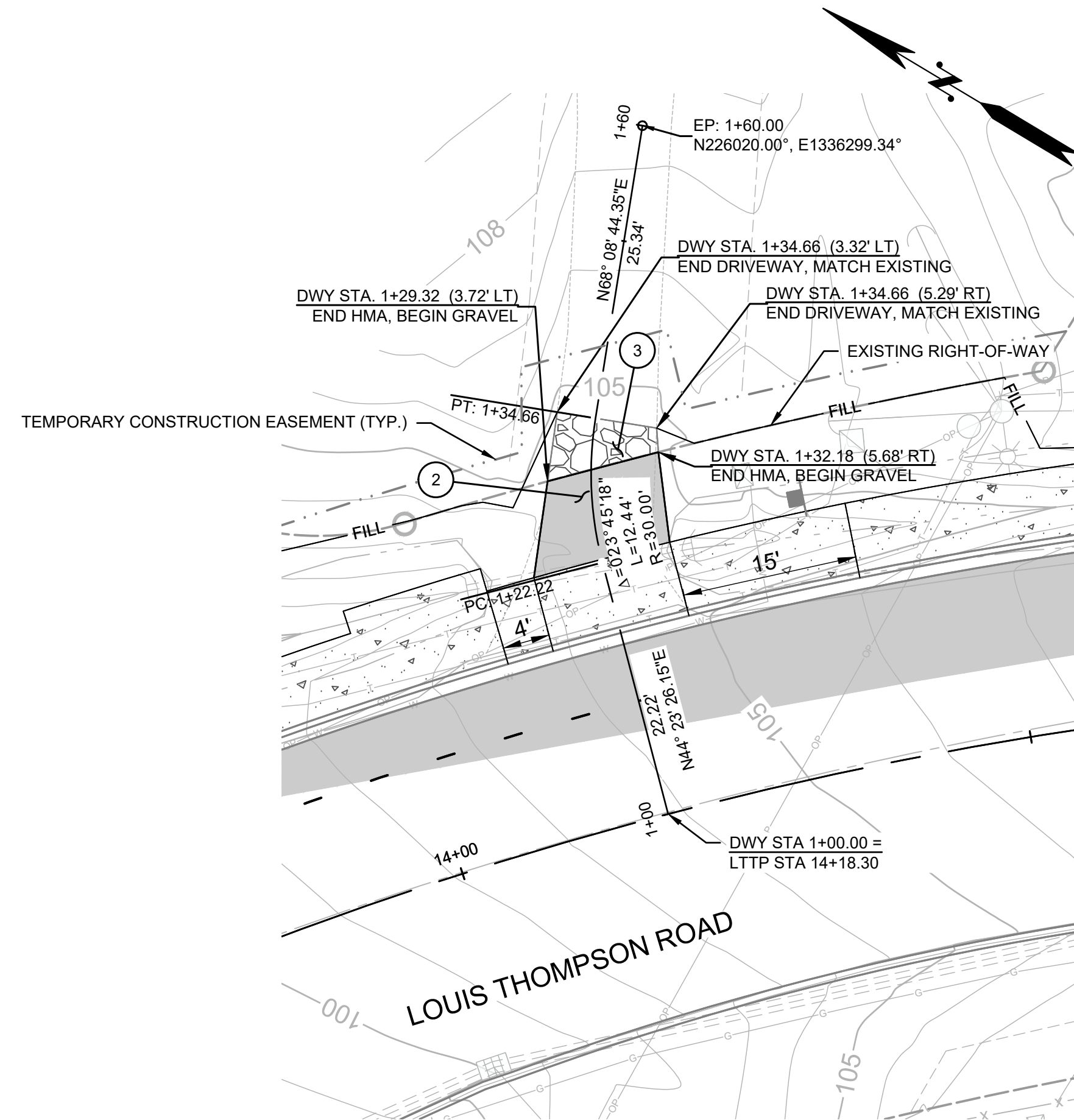
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DESIGNED BY RAKO	Osborn Consulting	DAVID EVANS AND ASSOCIATES INC.	NO.	DATE	REVISION	BY		LOUIS THOMPSON ROAD TIGHTLINE PROJECT		JOB# / DWG 10-210058	DATE 01/29/2024
DRAWN BY RAKO								CITY OF SAMMAMISH		SCALE H: N/A V: N/A	SN01
CHECKED BY SBS								SIGNING SCHEDULE		SHEET 67 of 102	

FILE NAME: C:\PIV\OCL\WORKINGDIROBORCONCONSULTING-PW\BENTLEY.COM\OSBORCONCONSULTING-PW\01LAURA TURNDIGE\DWG\10-210058_DWY.DWG
 PLOT TIME: 1/29/2024 12:46 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

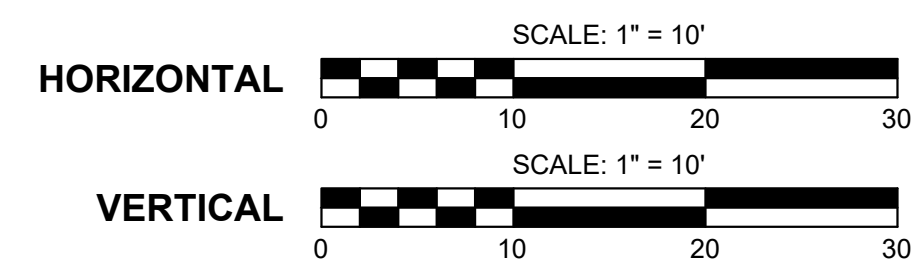
- SEE SHEETS 46 TO 55 FOR NON-MOTORIZED IMPROVEMENT PLAN, INCLUDING FENCE TYPE AND LOCATION.
- SEE SHEETS 87 TO 96 FOR WALL PLAN AND PROFILES.
- DRIVEWAY PVI ARE FOR 10' VERTICAL CURVES.

CONSTRUCTION NOTES:

- CONSTRUCT CONCRETE DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.
- CONSTRUCT HMA DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.
- CONSTRUCT GRAVEL DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.

LEGEND

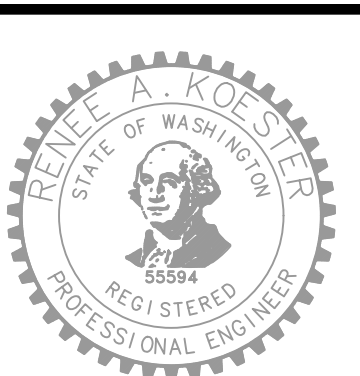
- HMA DRIVEWAY / PAVEMENT
- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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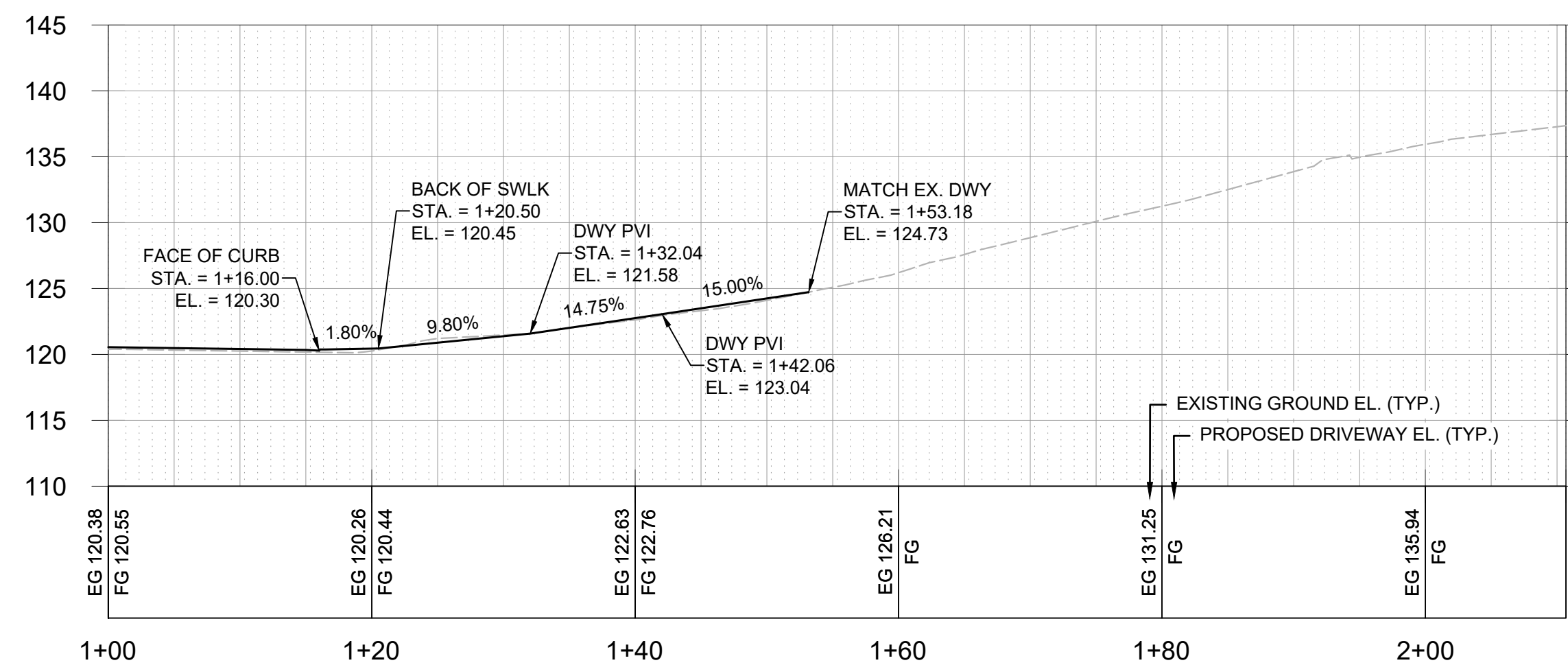
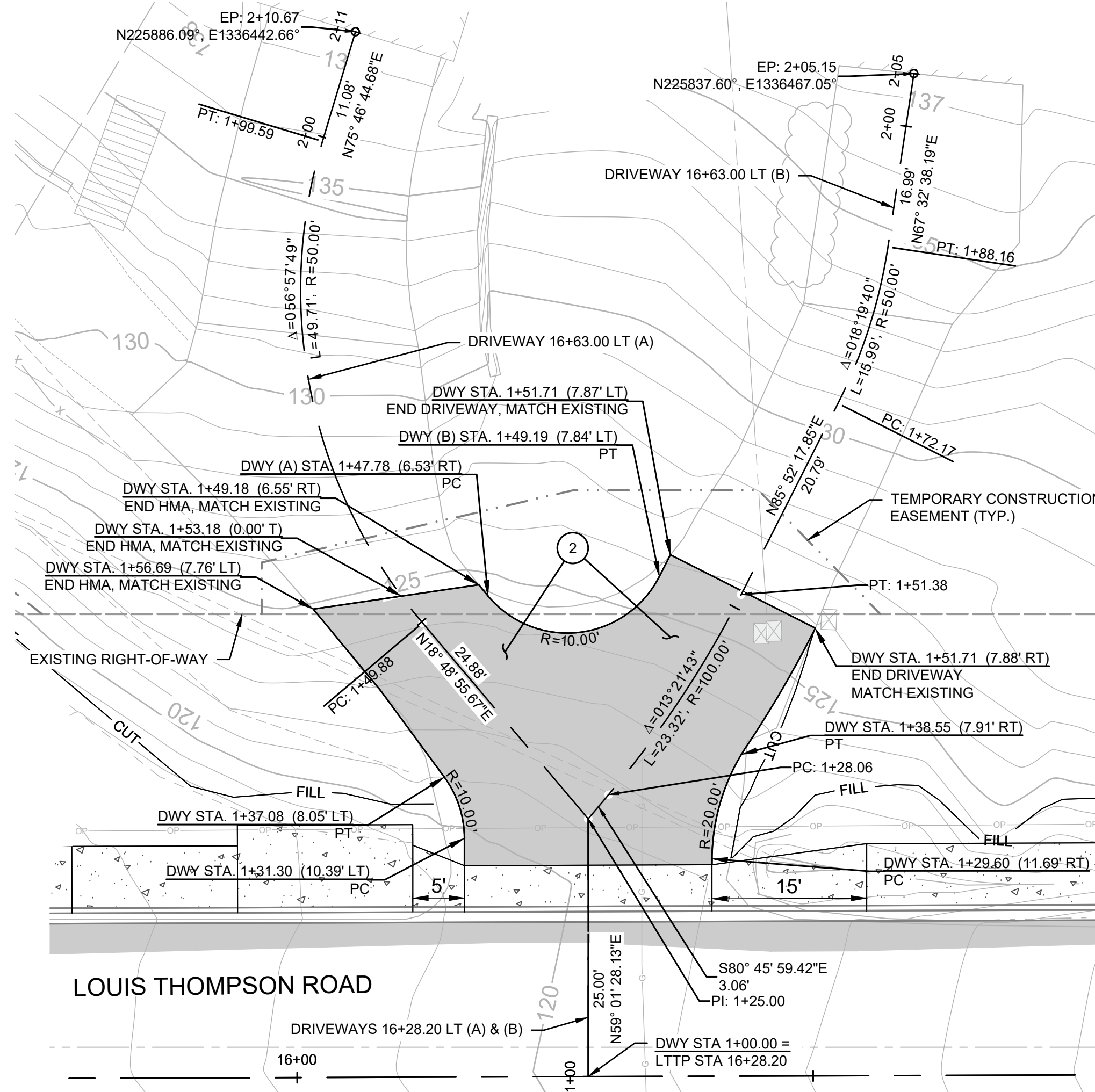


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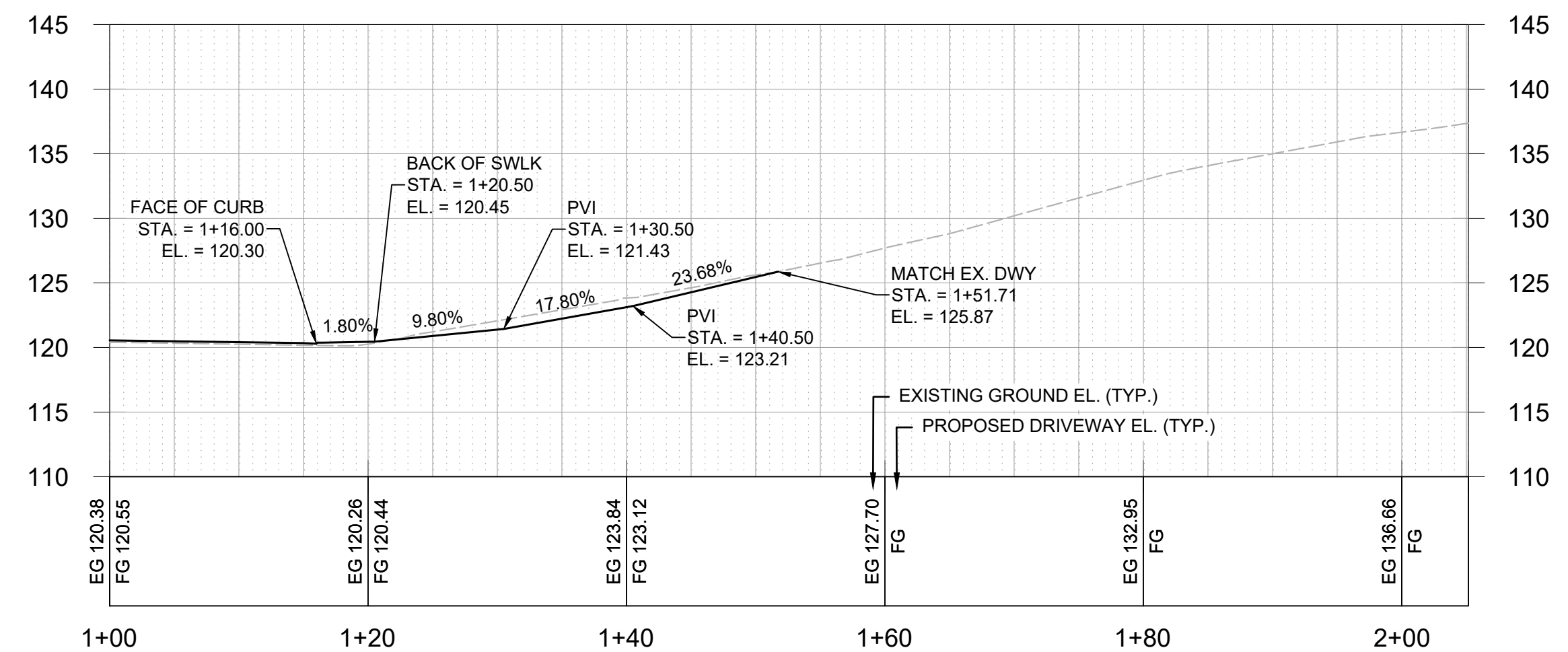


DESIGNED BY RAKO				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH DRIVEWAY PLAN AND PROFILE		JOB# / DWG 10-210058	DATE 01/29/2024
DRAWN BY RAKO				SCALE H: 1"=10' V: 1"=5'	DW01		
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 USER NAME: LAURA TURNDIGE



DRIVEWAY 16+28.20 LT (A)
 (328 LOUIS THOMPSON RD NE)



DRIVEWAY 16+28.20 LT (B)
 (322 LOUIS THOMPSON RD NE)

GENERAL NOTES:

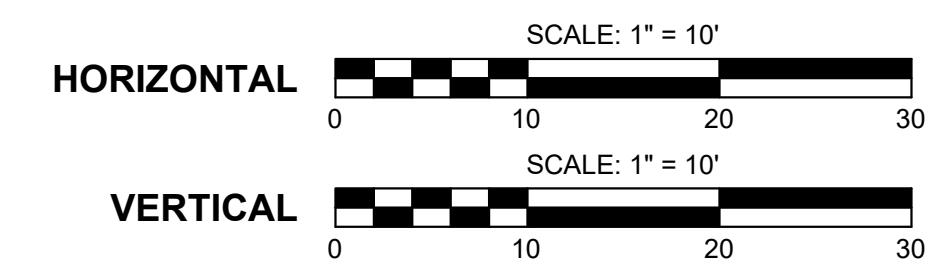
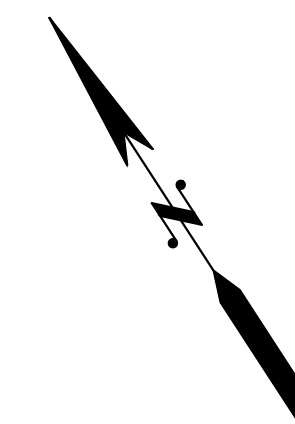
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- CONSTRUCT HMA DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.
- CONSTRUCT GRAVEL DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.

LEGEND

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



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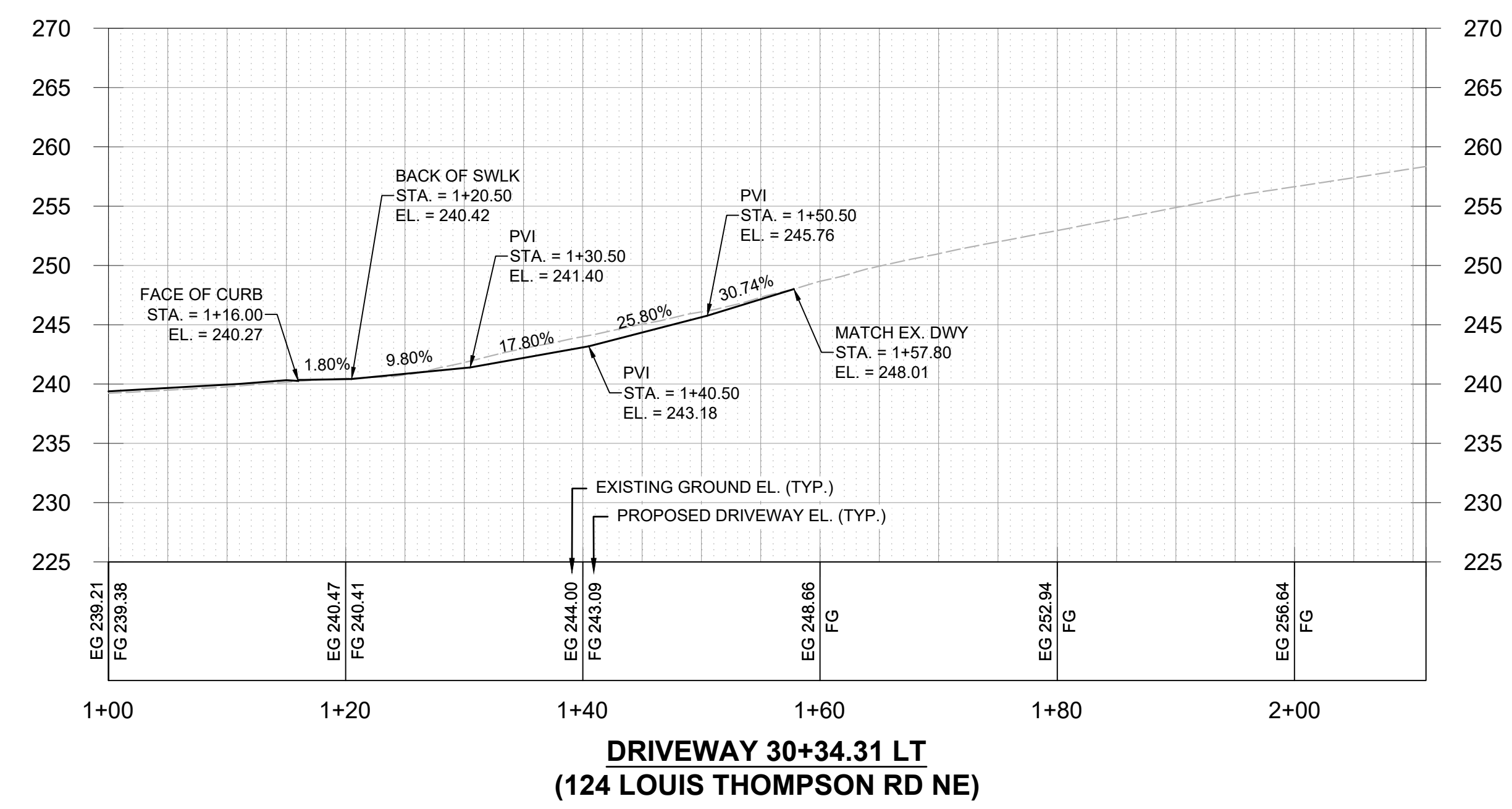
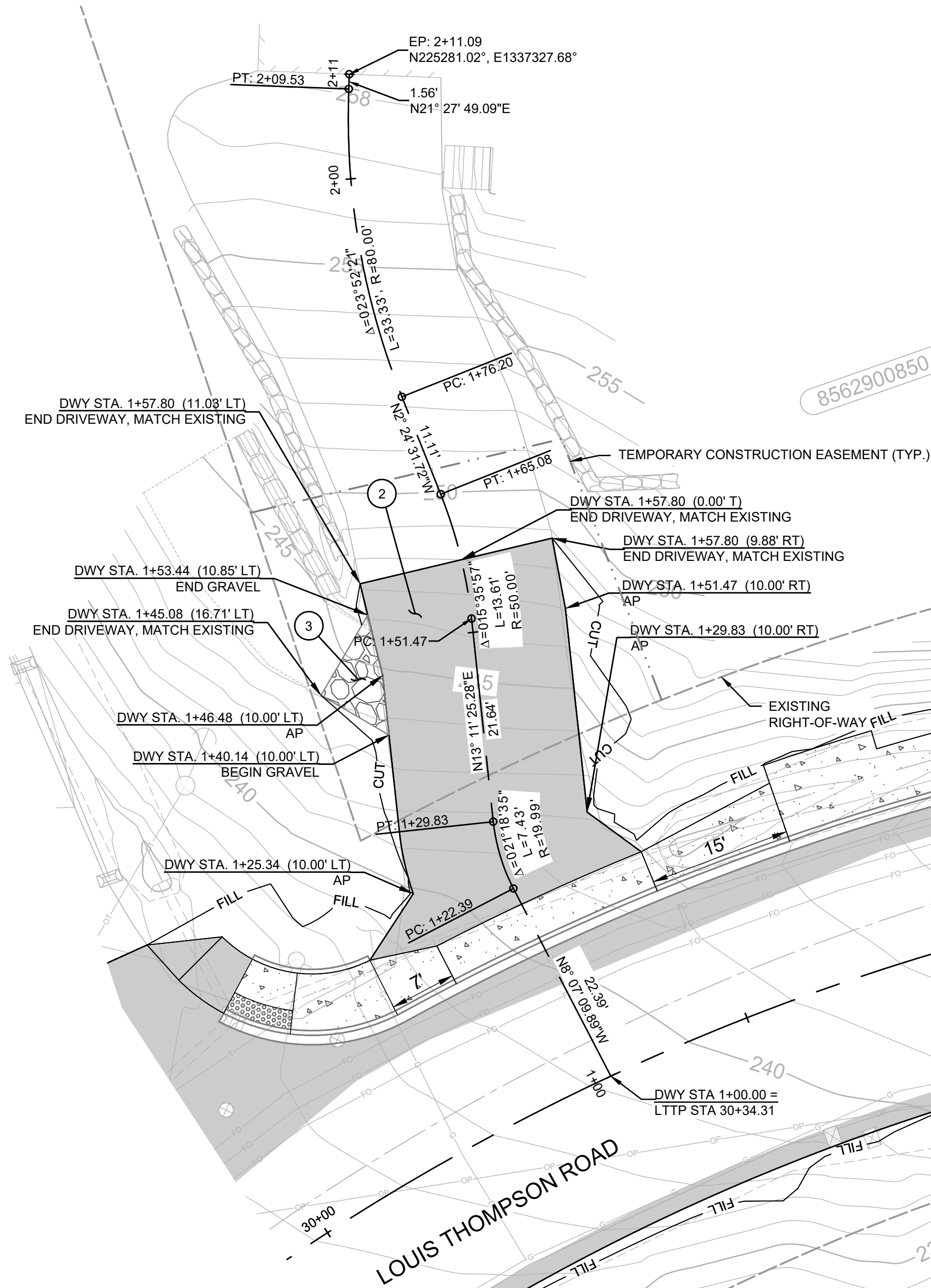
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LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 DRIVEWAY PLAN AND PROFILE

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW02
SHEET		69 of 102	

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 PLOT TIME: 1/26/2024 12:46 PM
 USER NAME: LAURA TURNDIDGE



GENERAL NOTES:

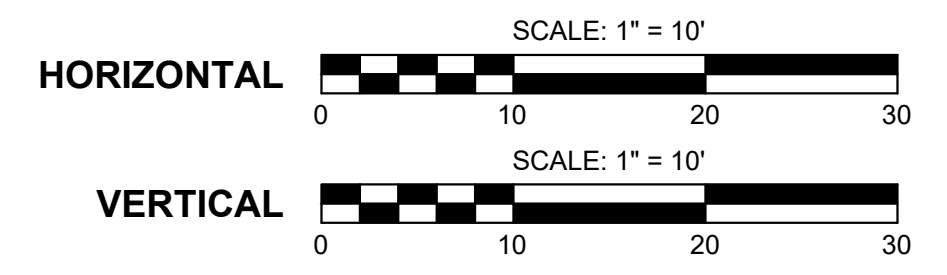
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- CONSTRUCT HMA DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.
- CONSTRUCT GRAVEL DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.

LEGEND

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



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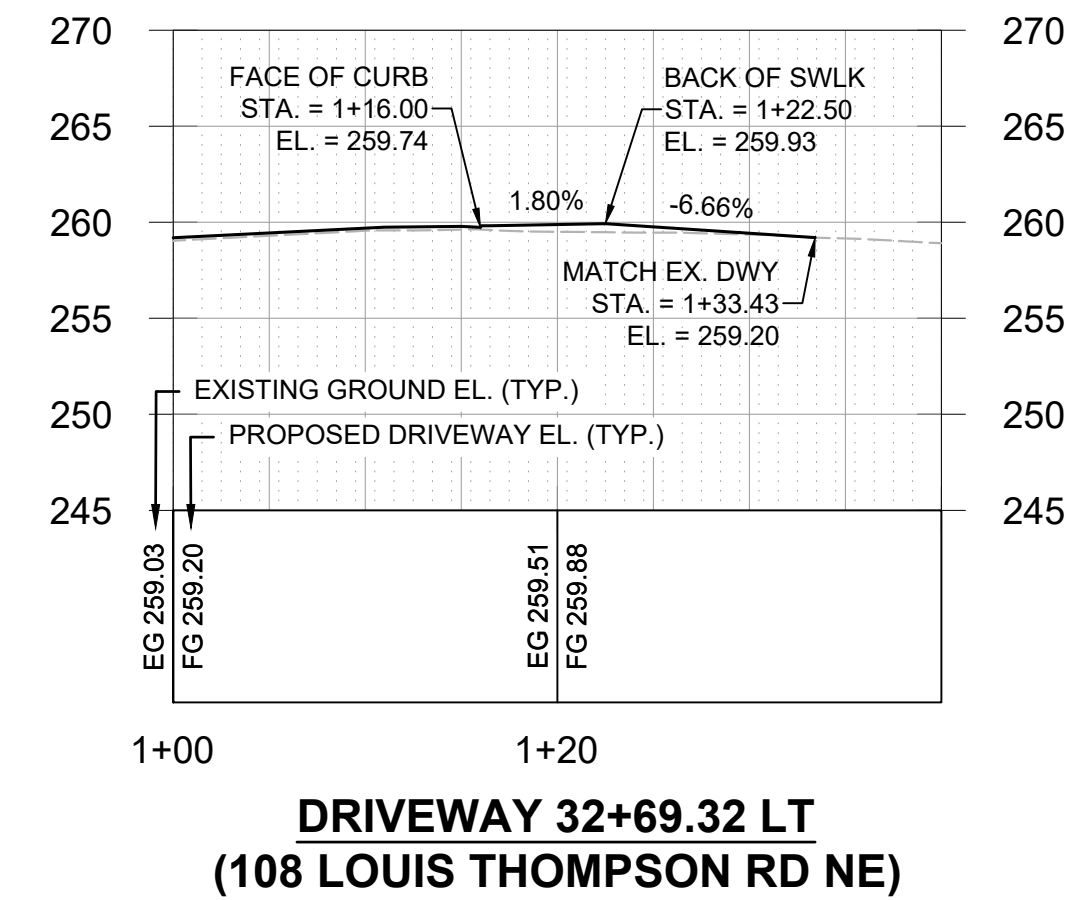
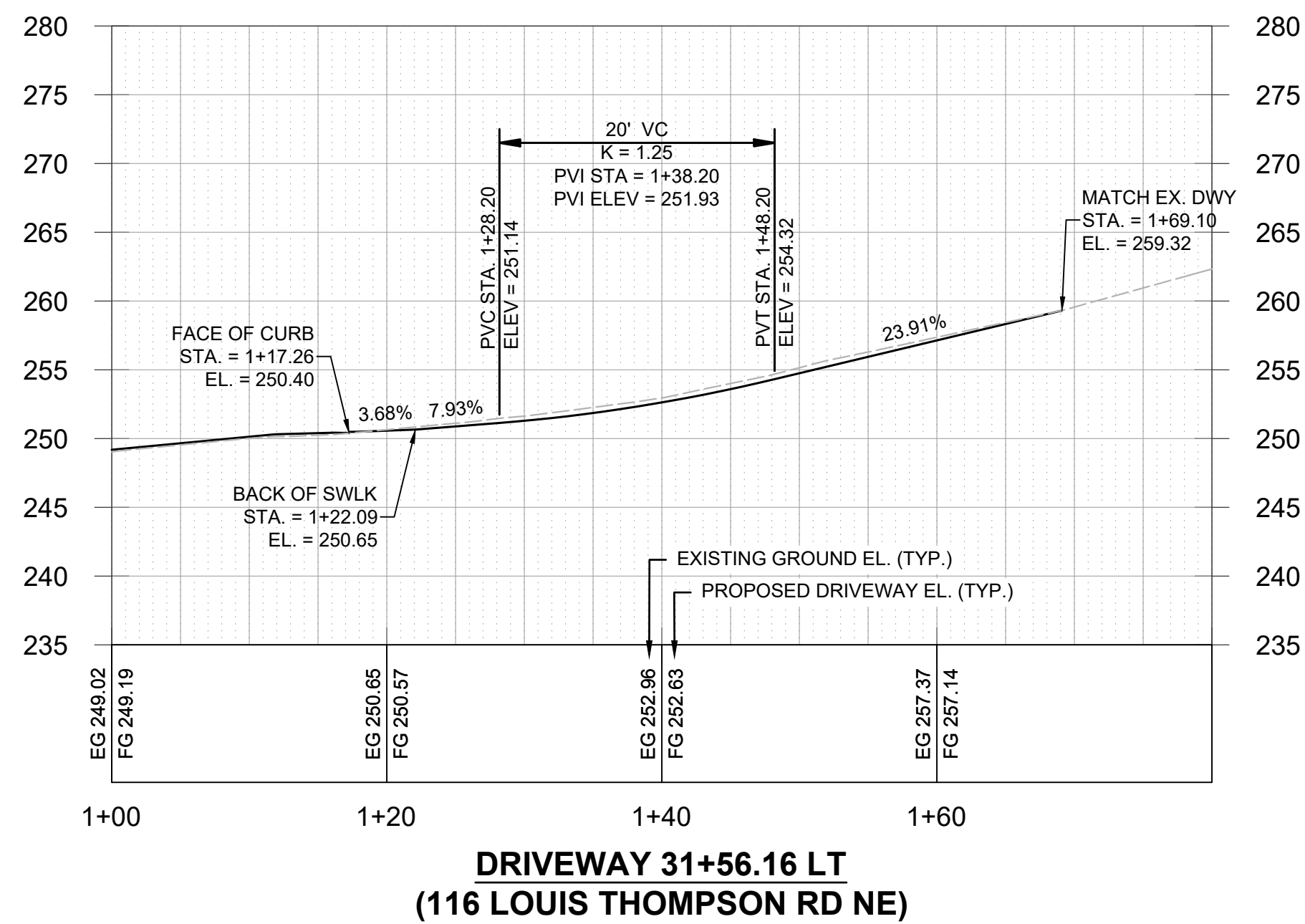
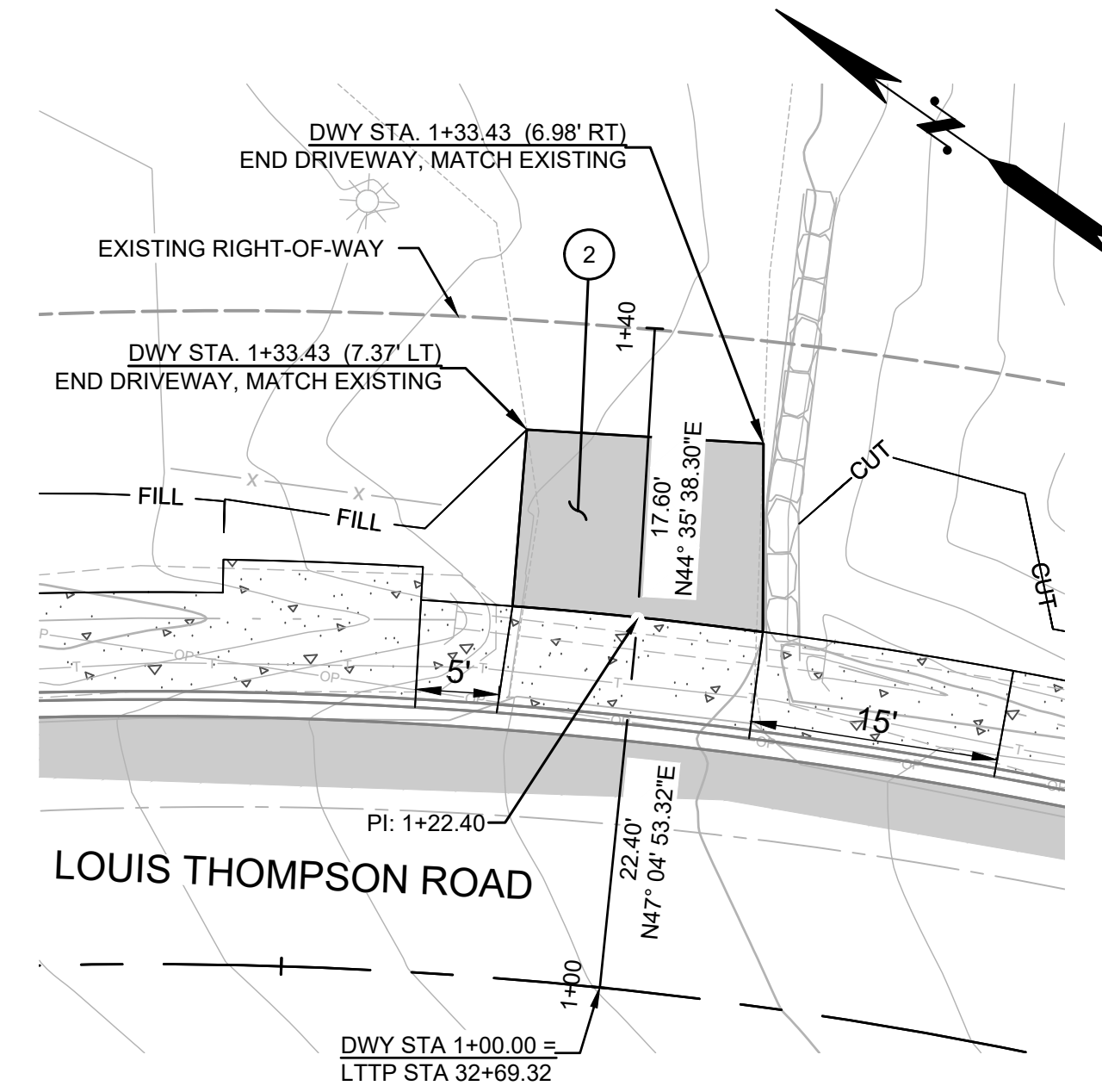
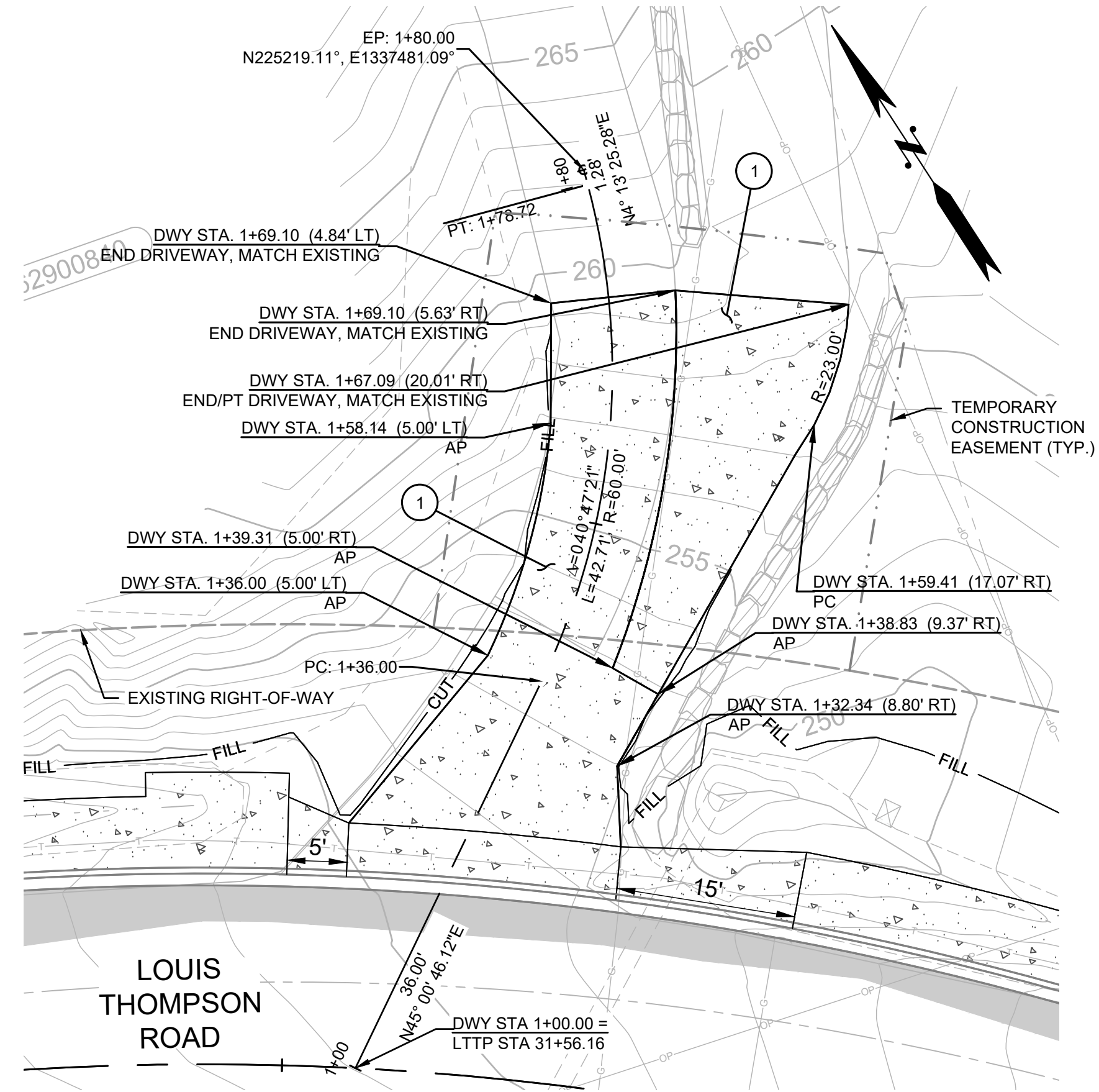


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CHECKED BY SBS				DRIVEWAY PLAN AND PROFILE		SCALE	DW03
						H: 1"=10'	V: 1"=5'
						SHEET 70 of 102	

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORCONCONSULTING-PW\BENTLEY.COM\OSBORCONCONSULTING-PW-01\LAURA TURNDIGE\MS265661P_10-210058_DWY.DWG
 PLOT TIME: 1/26/2024 12:47 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

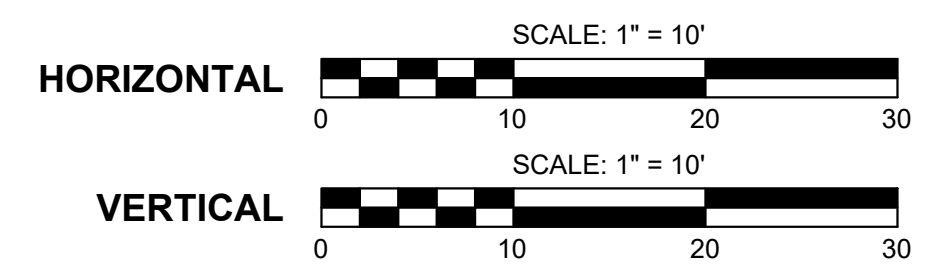
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- CONSTRUCT GRAVEL DRIVEWAY PER DRIVEWAY SCHEDULE AND DETAILS ON SHEET 74.

LEGEND

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



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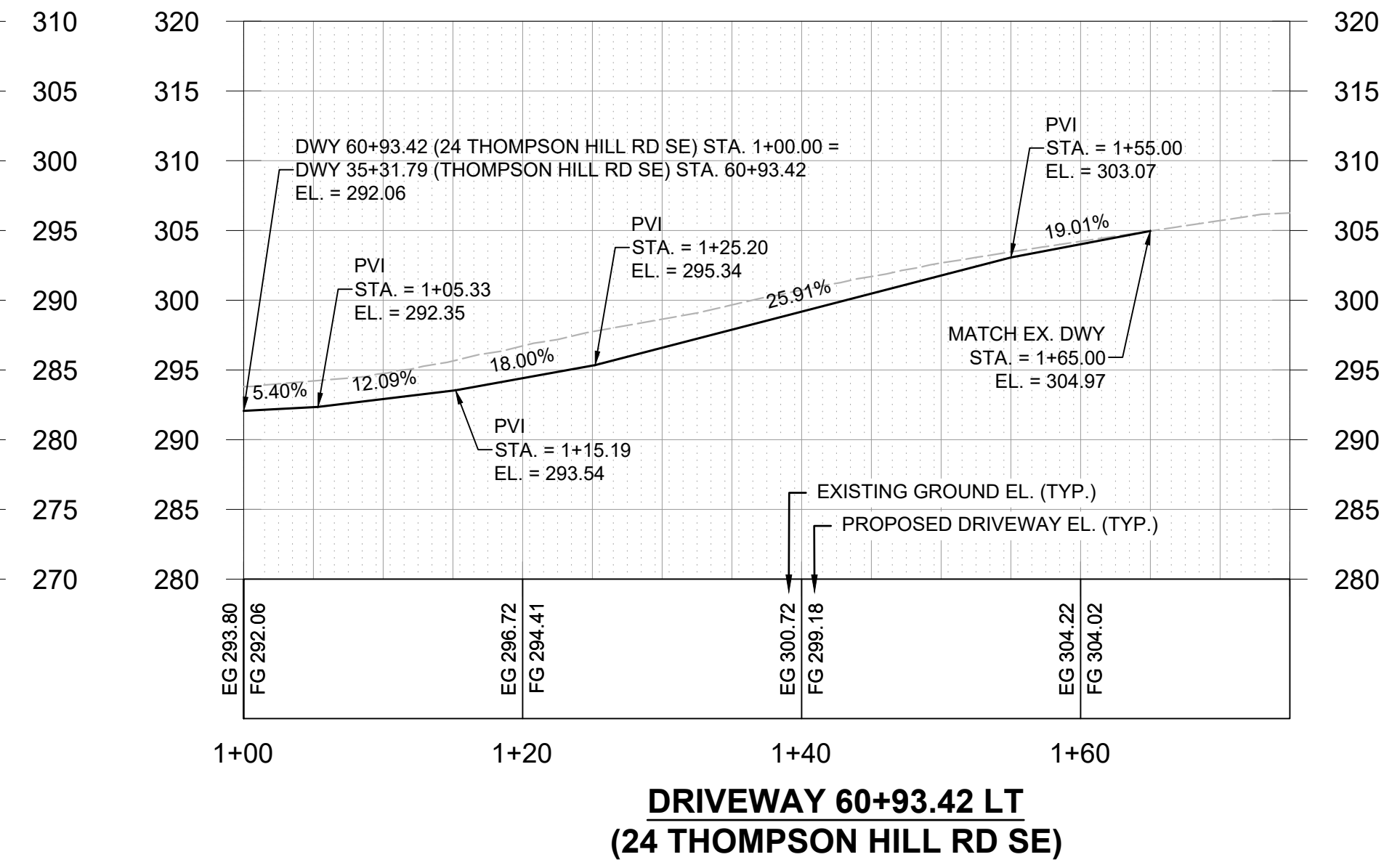
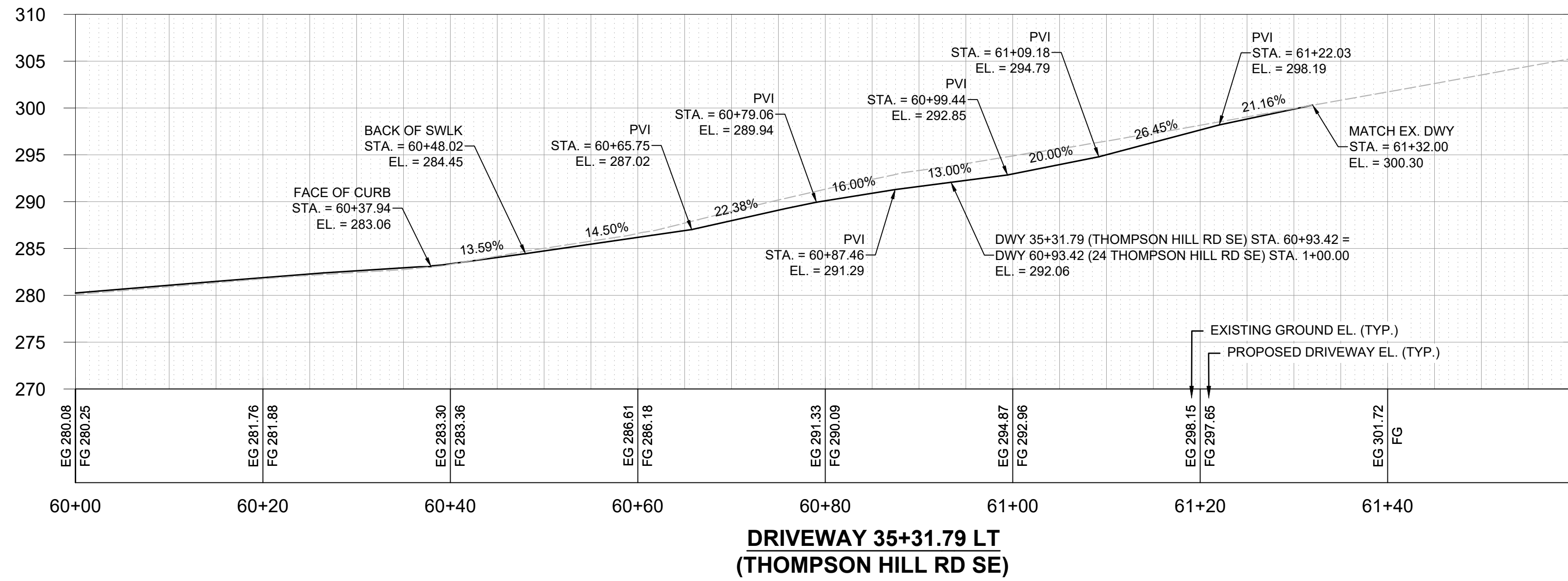
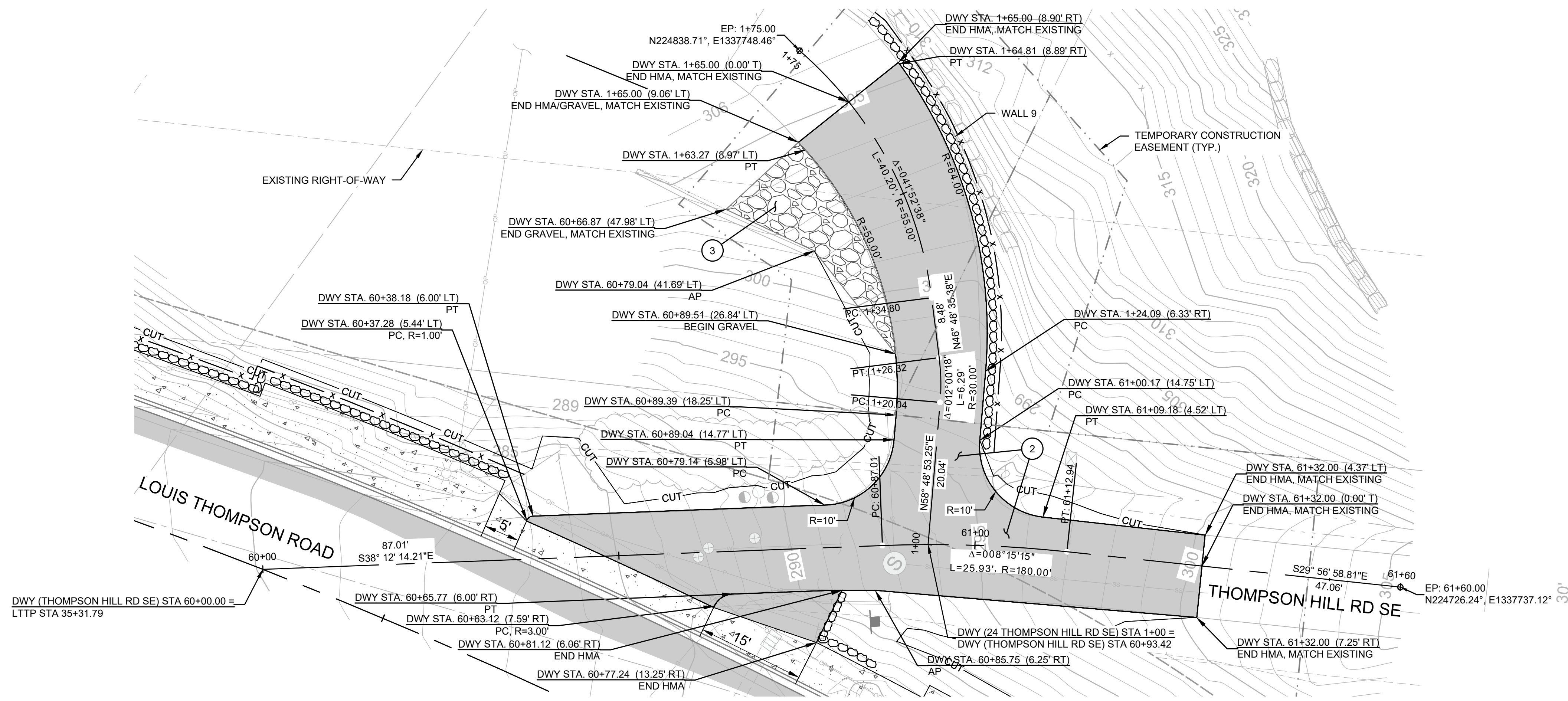
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW04
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FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCORNCORNSULTING-PW\BENTLEY.COM\OSBORNCORNCORNSULTING-PW\01LAURA TURNDIGE\DWG\265661P_10-210058_DWY.DWG
 PLOT TIME: 1/26/2024 12:47 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

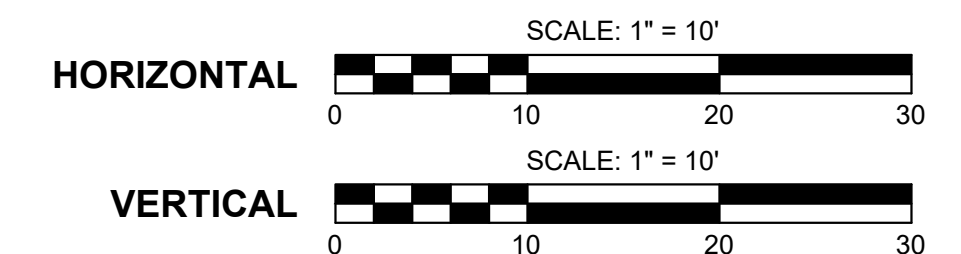
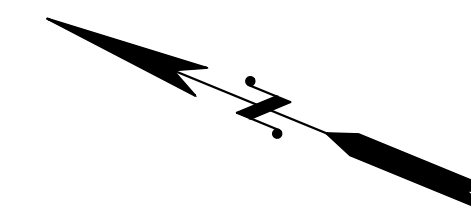
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LEGEND

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



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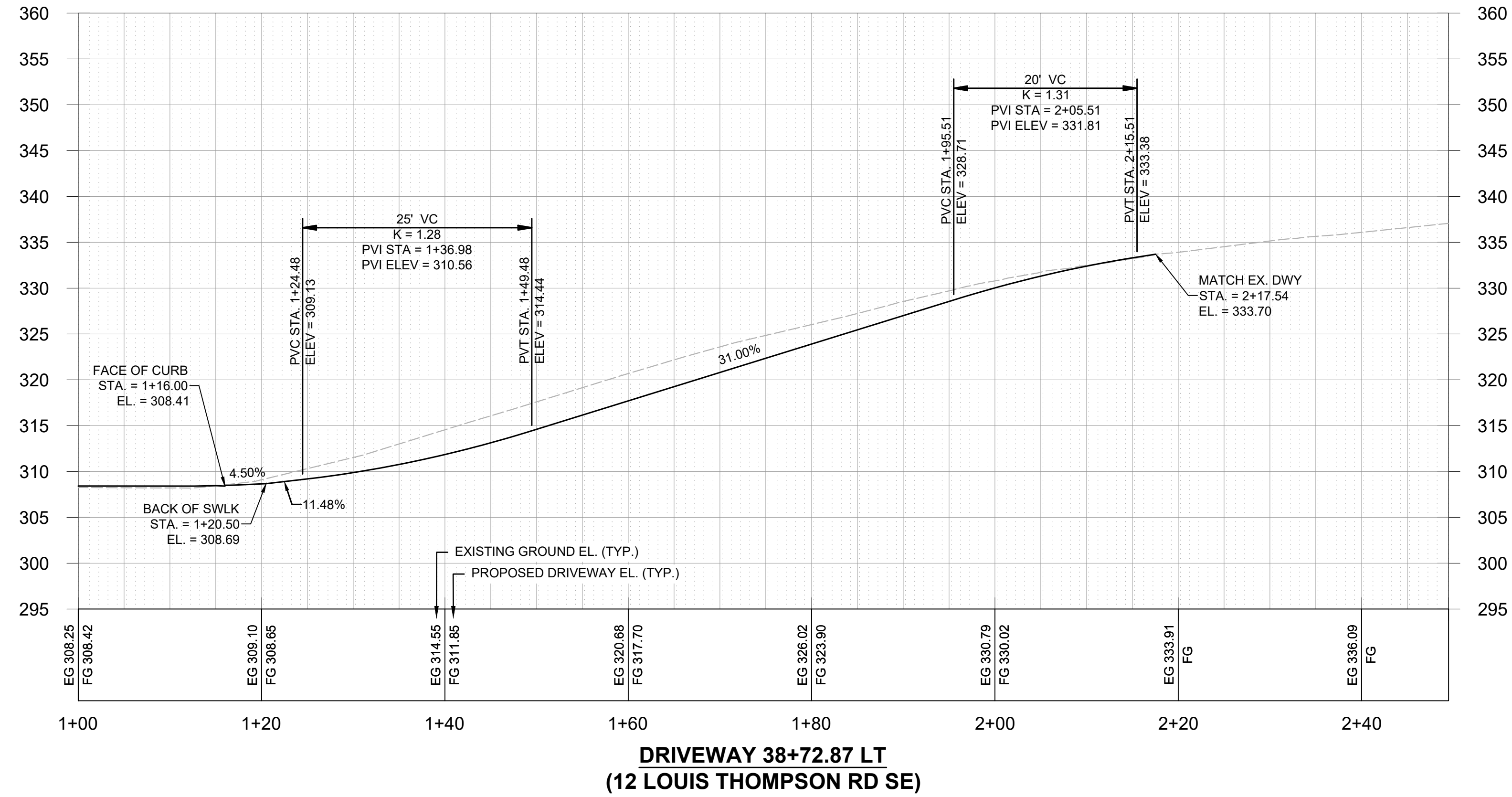
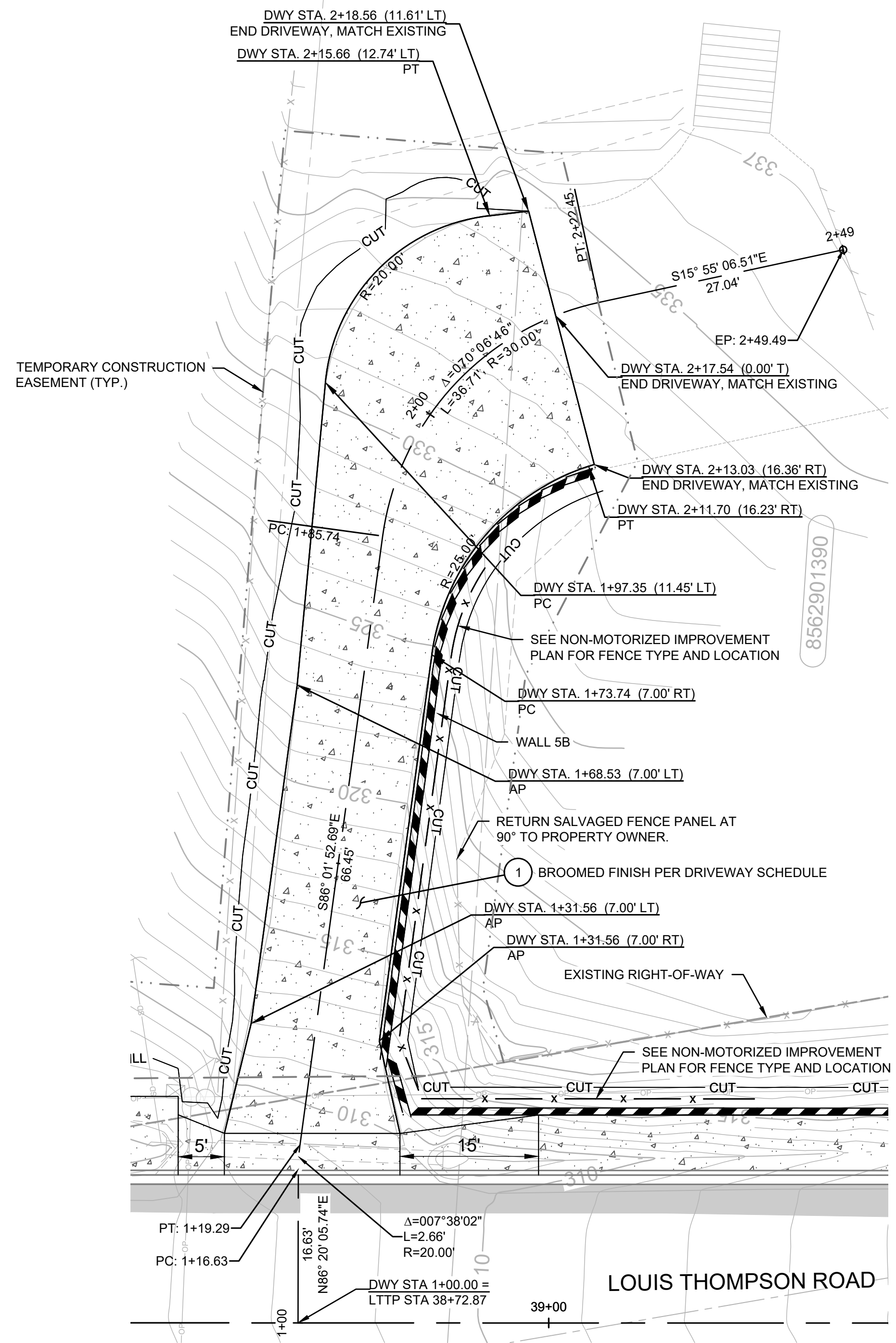
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=10' V: 1"=5'	DWG#	DW05
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 PLOT TIME: 1/26/2024 12:47 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

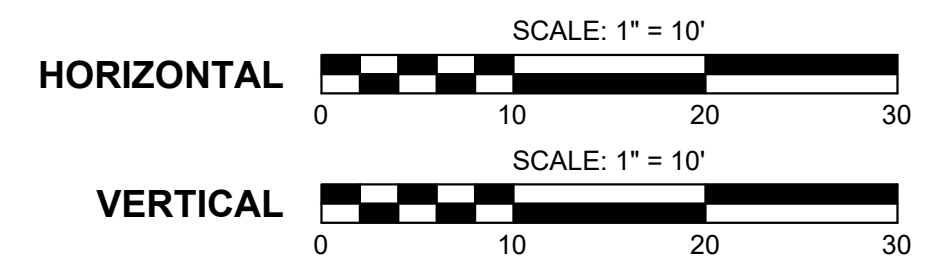
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LEGEND

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- CEMENT CONCRETE DRIVEWAY / SIDEWALK
- GRAVEL DRIVEWAY



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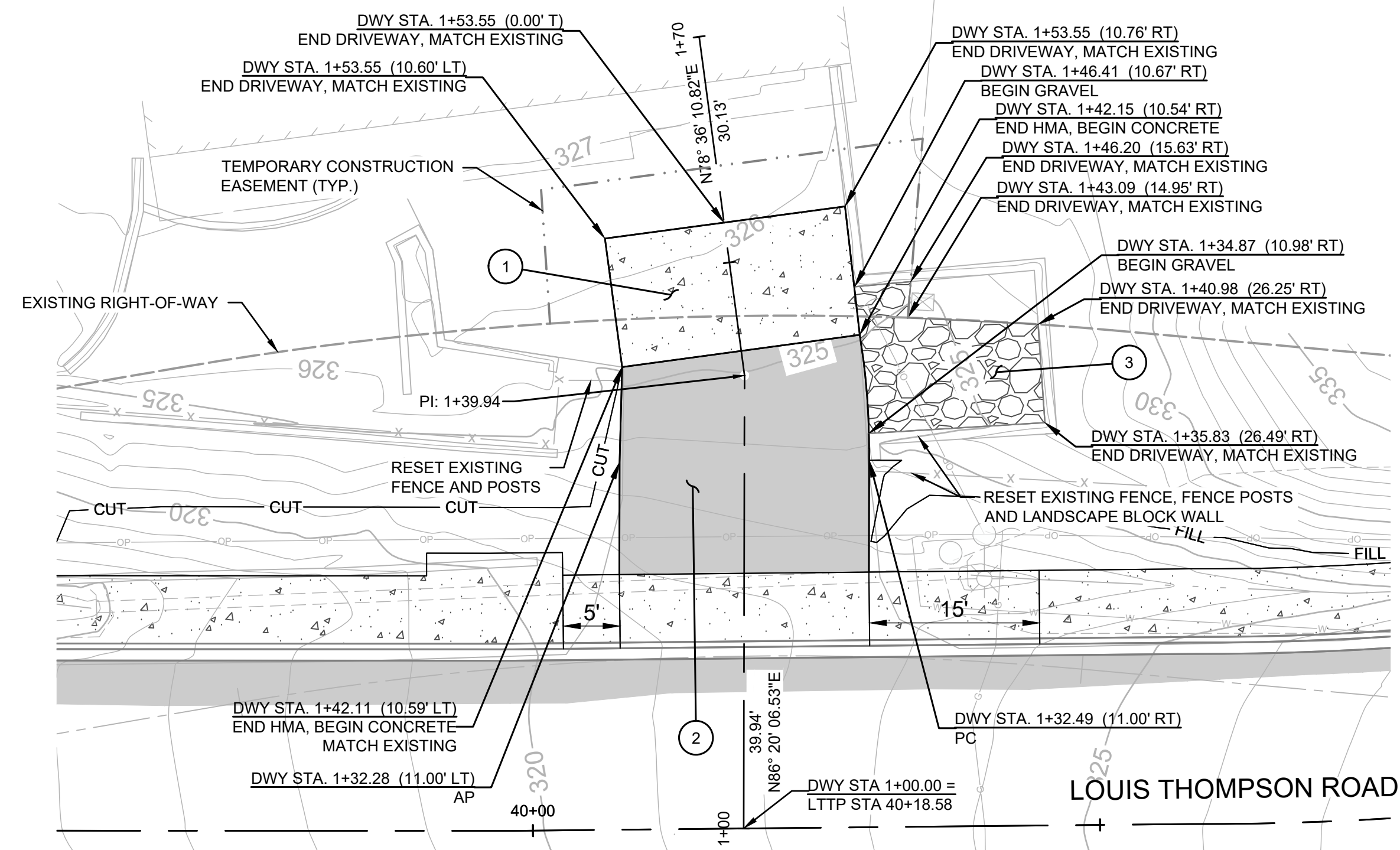


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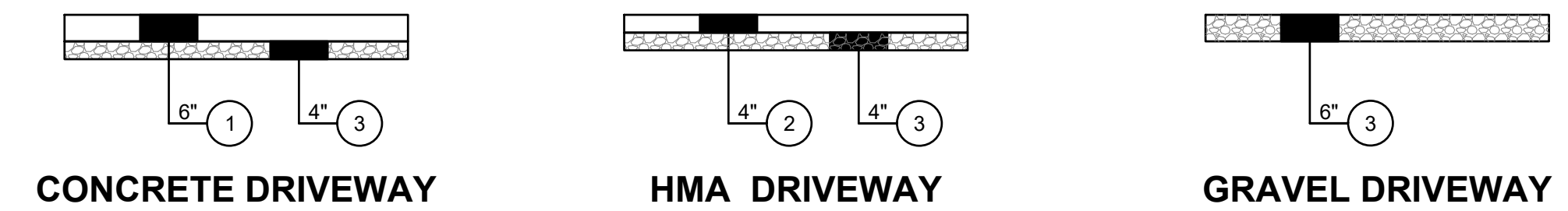
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DRAWN BY RAKO									CITY OF SAMMAMISH		SCALE H: 1"=10' V: 1"=5'	DW06	
CHECKED BY SBS									DRIVEWAY PLAN AND PROFILE		SHEET 73 of 102		

FILE NAME: C:\PIV\OCL\WORKINGDIROBORCONCONSULTING-PW\BENTLEY.COM\OSBORCONCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_DWY.DWG
 PLOT TIME: 1/26/2024 12:47 PM
 USER NAME: LAURA TURNDIGE



DRIVEWAY SCHEDULE					
DRIVEWAY	WIDTH*	DRIVEWAY TYPE	CUT (CY)	FILL (CY)	COMMENTS
STA. 14+18.30 LT	12'	HMA / GRAVEL	3	0	BEGIN GRAVEL DRIVEWAY AT RIGHT-OF-WAY
STA. 15+72.22 LT	12'	HMA	11	0	ACCESS TO POND
STA. 16+28.20 LT	24'	HMA	34	0	DRIVEWAYS (A) AND (B)
STA. 30+34.31 LT	24'	HMA / GRAVEL	42	0	
STA. 31+56.16 LT	22'	CONCRETE	34	0	SEE GENERAL NOTE 2.
STA. 32+69.32 LT	15'	HMA	4	0	
STA. 35+31.79 LT	29'	HMA	94	0	(THOMPSON HILL RD SE - PRIVATE STREET)
STA. 60+93.42 LT	--	HMA	97	0	NO DRIVEWAY APPROACH
STA. 38+72.87 LT	19'	CONCRETE (BROOMED FINISH) **	206	0	BROOM TYNES SHALL BE MINIMUM DEPTH OF 0.25". SEE GENERAL NOTE 2.
STA. 40+18.58 LT	22'	HMA / CONCRETE / GRAVEL	37	0	SEE GENERAL NOTE 2.

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

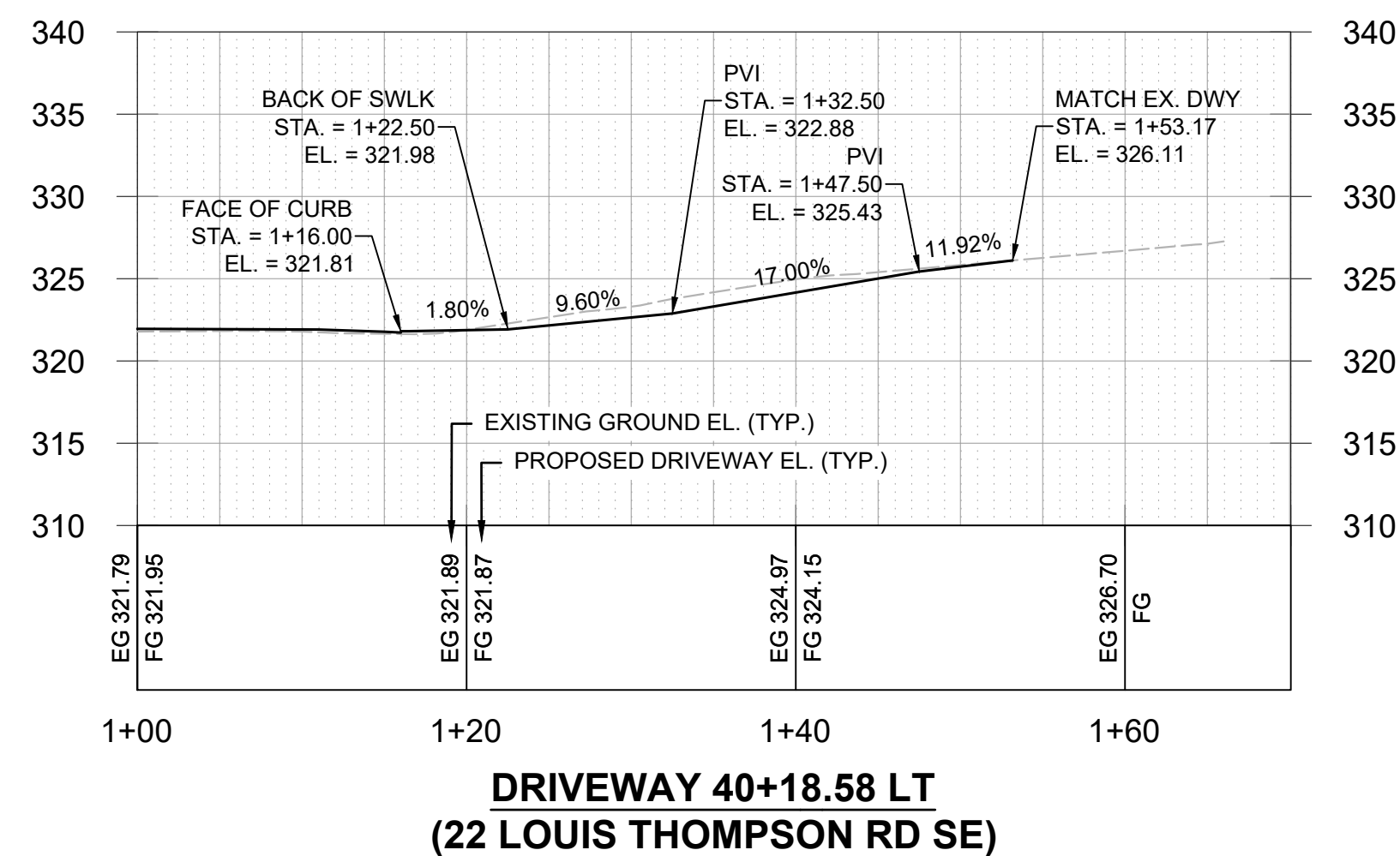


DRIVEWAY CONSTRUCTION NOTES

- 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:

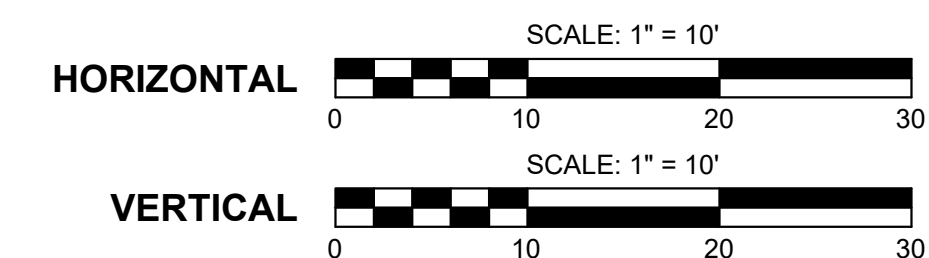
- 1. SEE SHEETS 46 TO 55 FOR NON-MOTORIZED IMPROVEMENT PLAN, INCLUDING FENCE TYPE AND LOCATION.
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- 3. DRIVEWAY PVI ARE FOR 10' VERTICAL CURVES.

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LEGEND

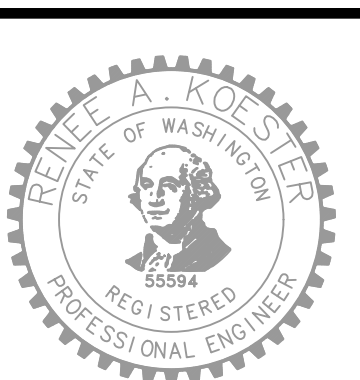
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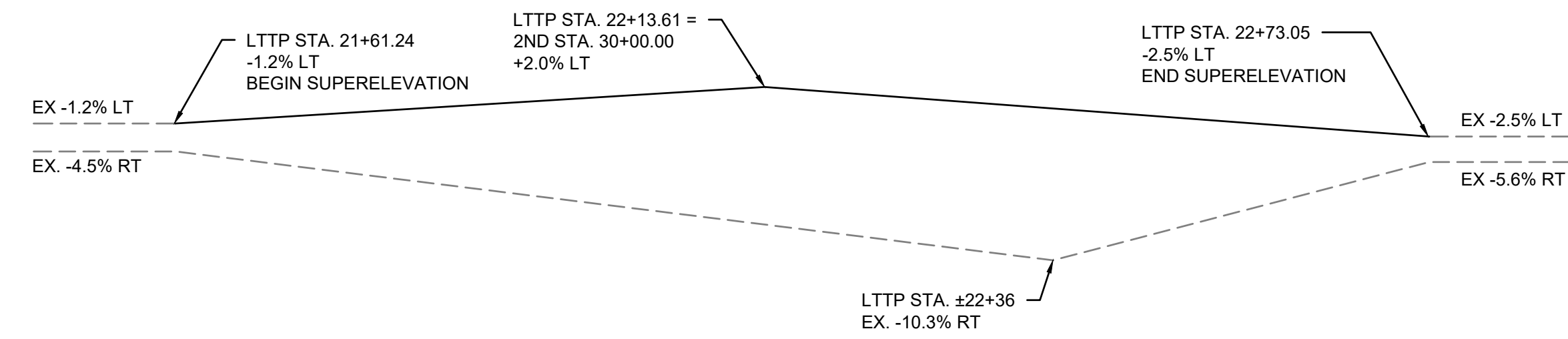
NO.	DATE	REVISION	BY



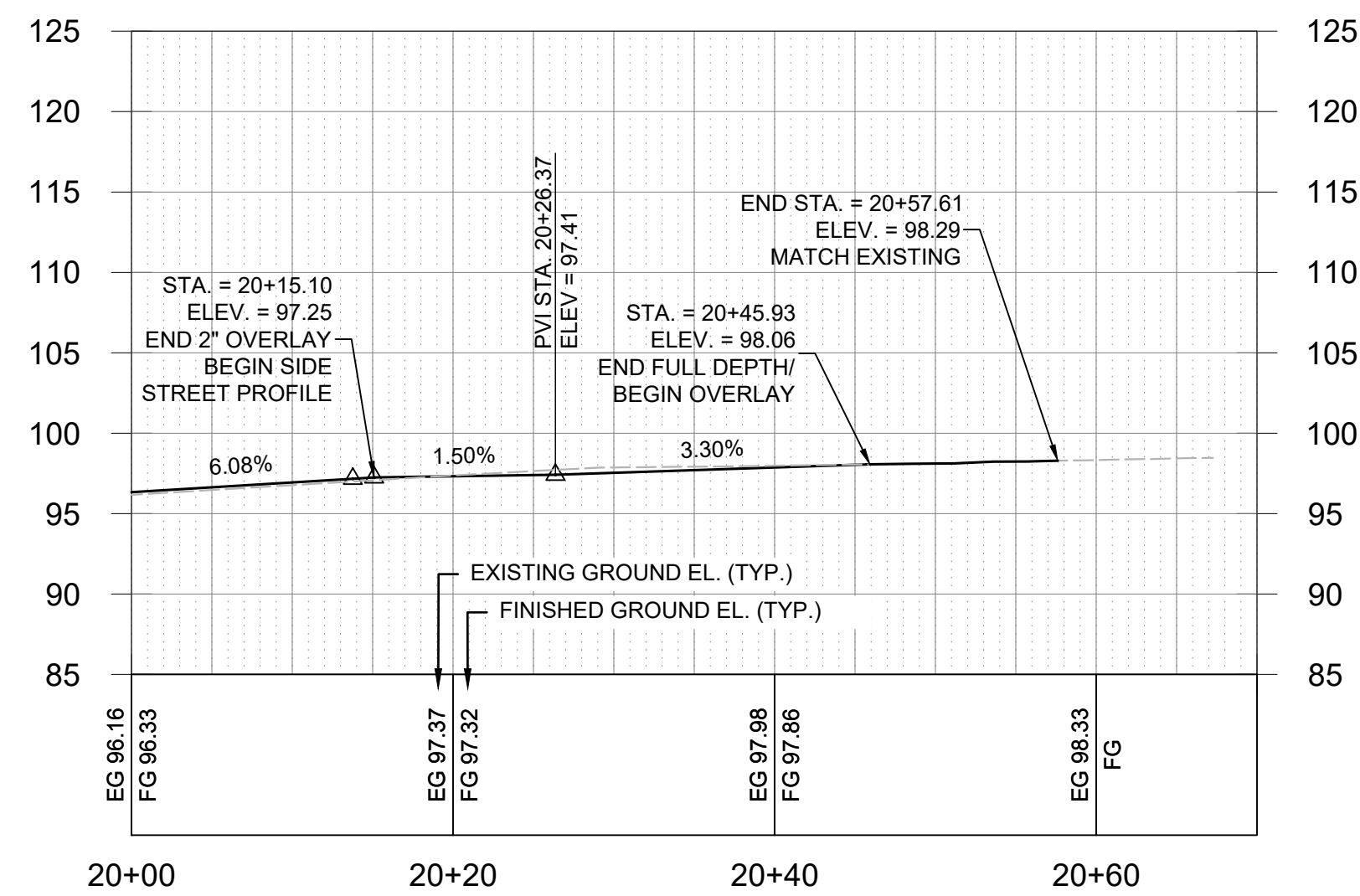
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 DRIVEWAY PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=10' V: 1"=5'	DWG# DW07
SHEET 74 of 102	

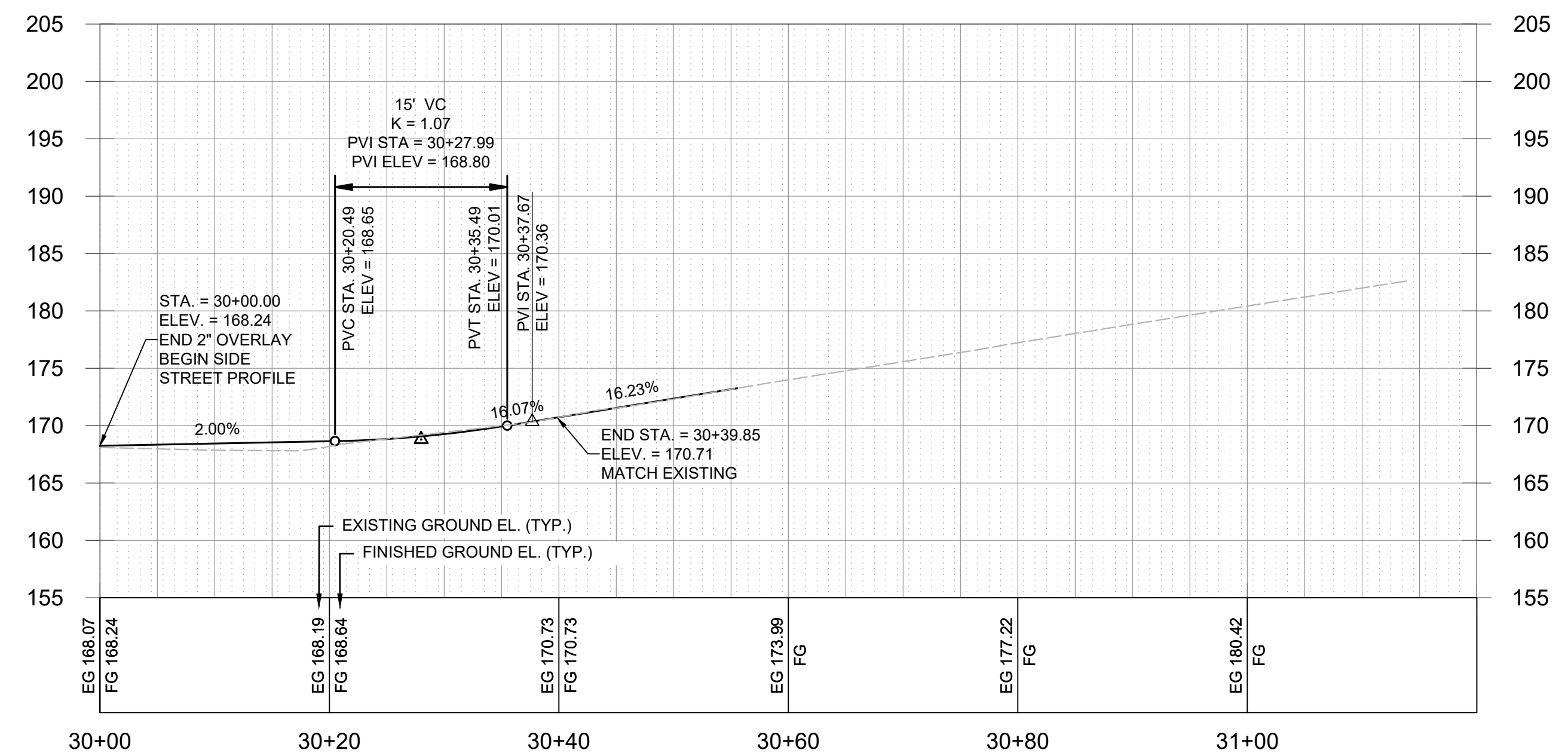
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 PLOT TIME: 1/29/2024 12:47 PM
 USER NAME: LAURA TURNDIGE



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



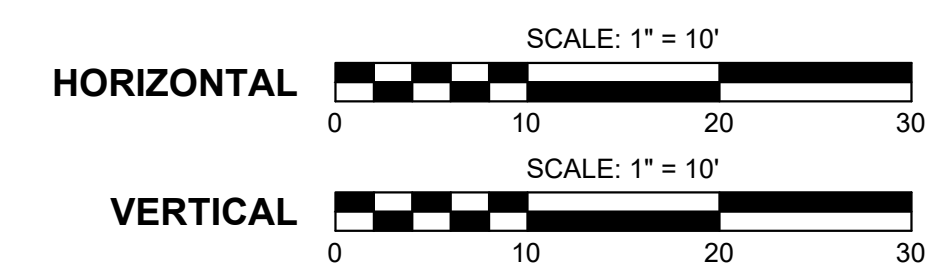
205TH AVENUE NE



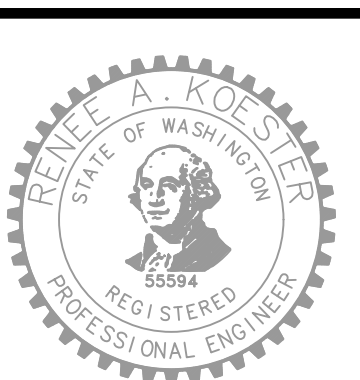
NE 2ND STREET



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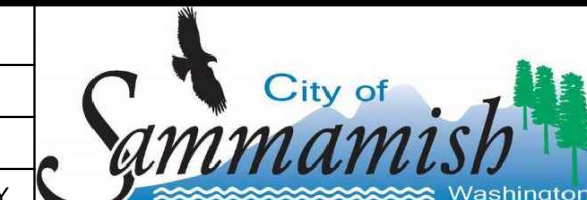
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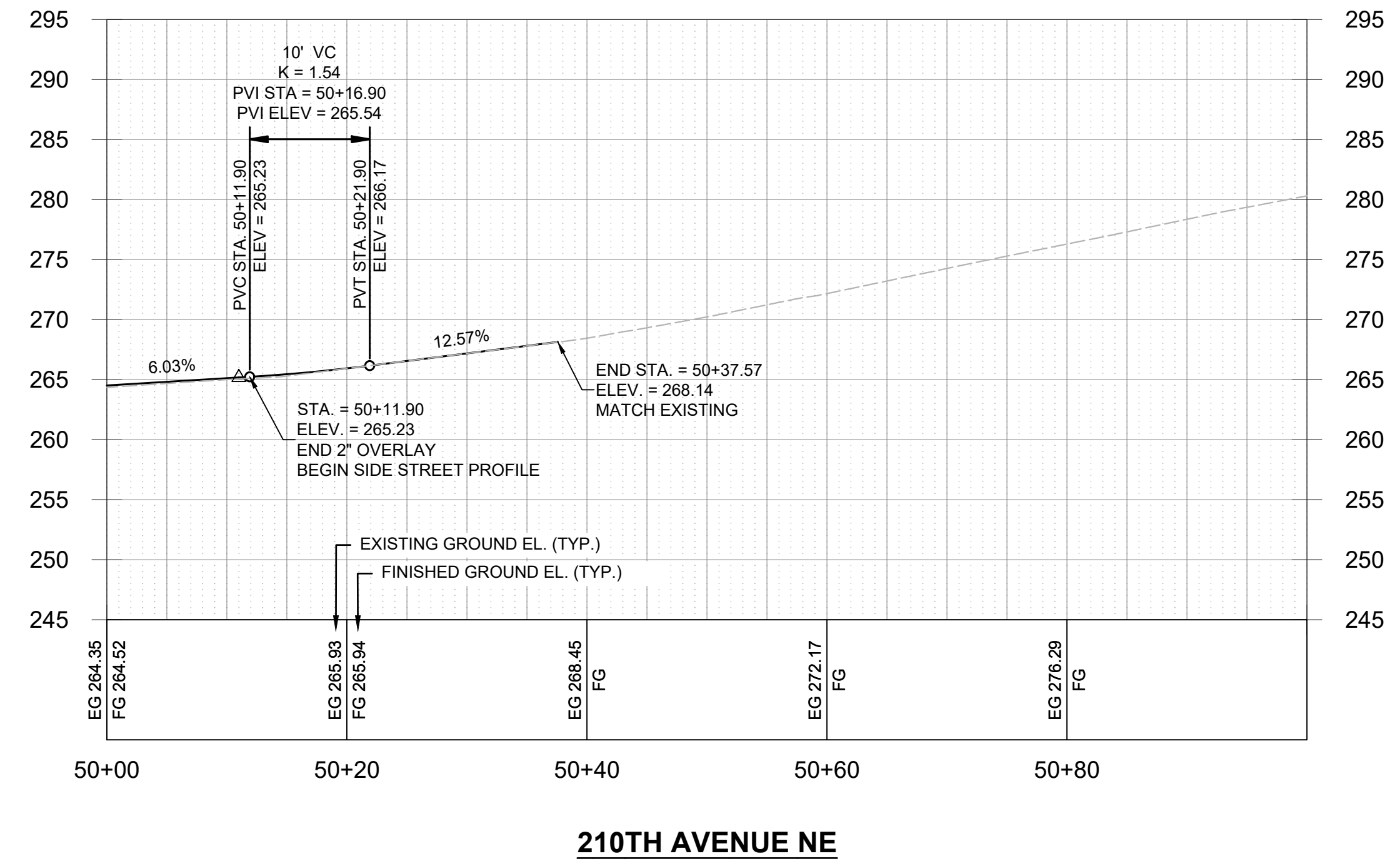
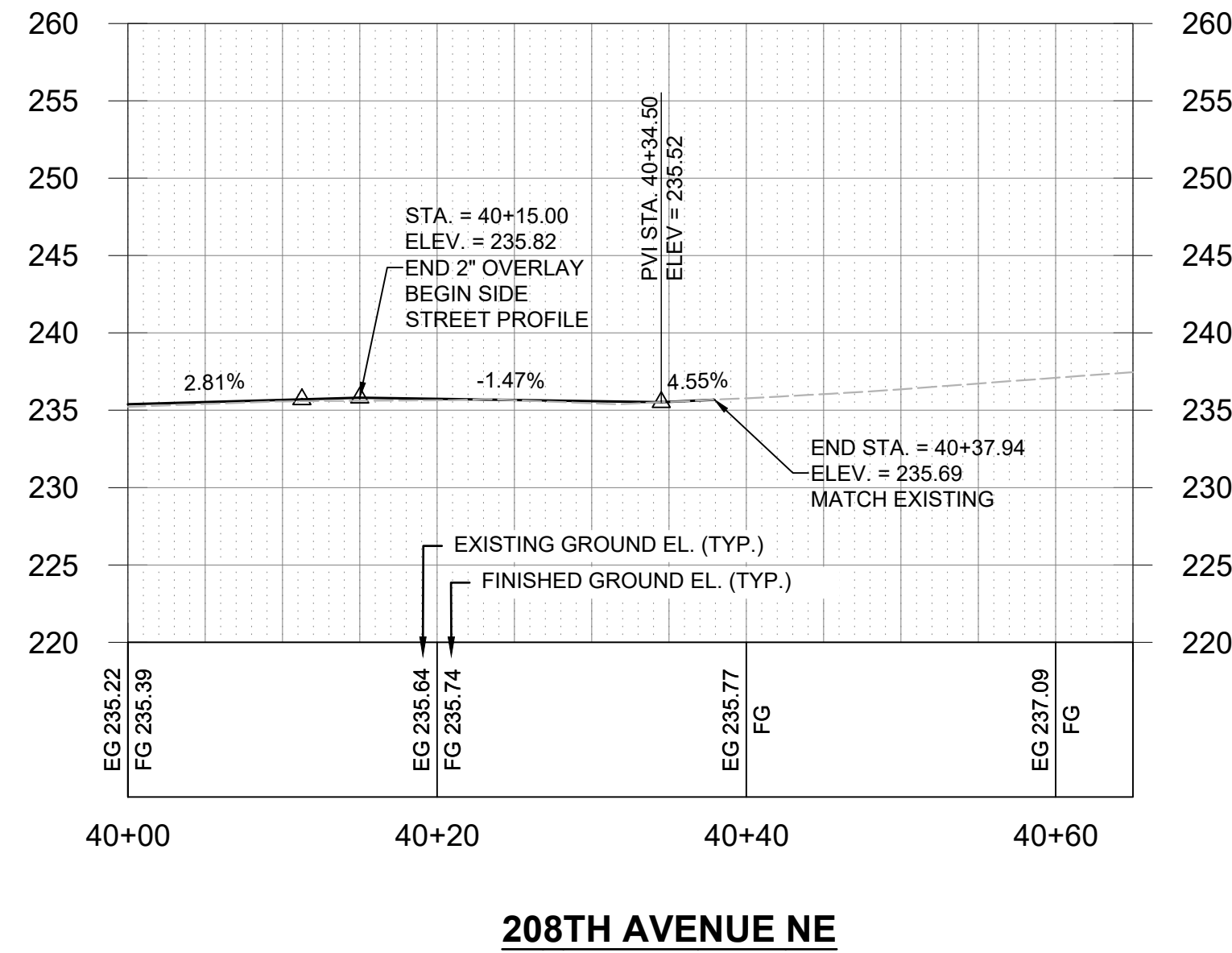
NO.	DATE	REVISION	BY



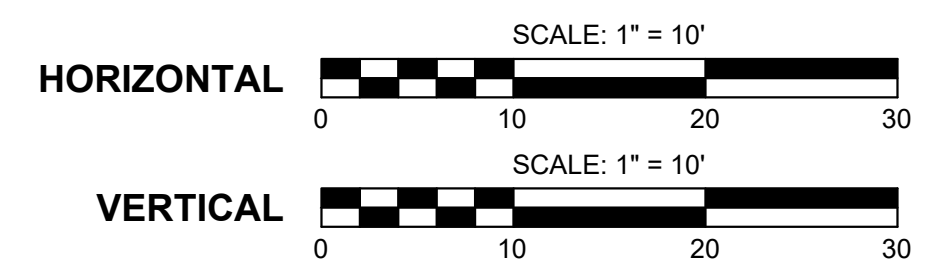
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 SIDE STREET PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=10' V: 1"=10'	PROJECT PR01
SHEET 75 of 102	

FILE NAME: C:\PW\OCL\WORKING\DIROS\BORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01\LAURA TURNIDGE\MS265661P_10-210058_ROAD_PROF.DWG
 PLOT TIME: 1/26/2024 12:47 PM
 USER NAME: LAURA TURNIDGE



Know what's below.
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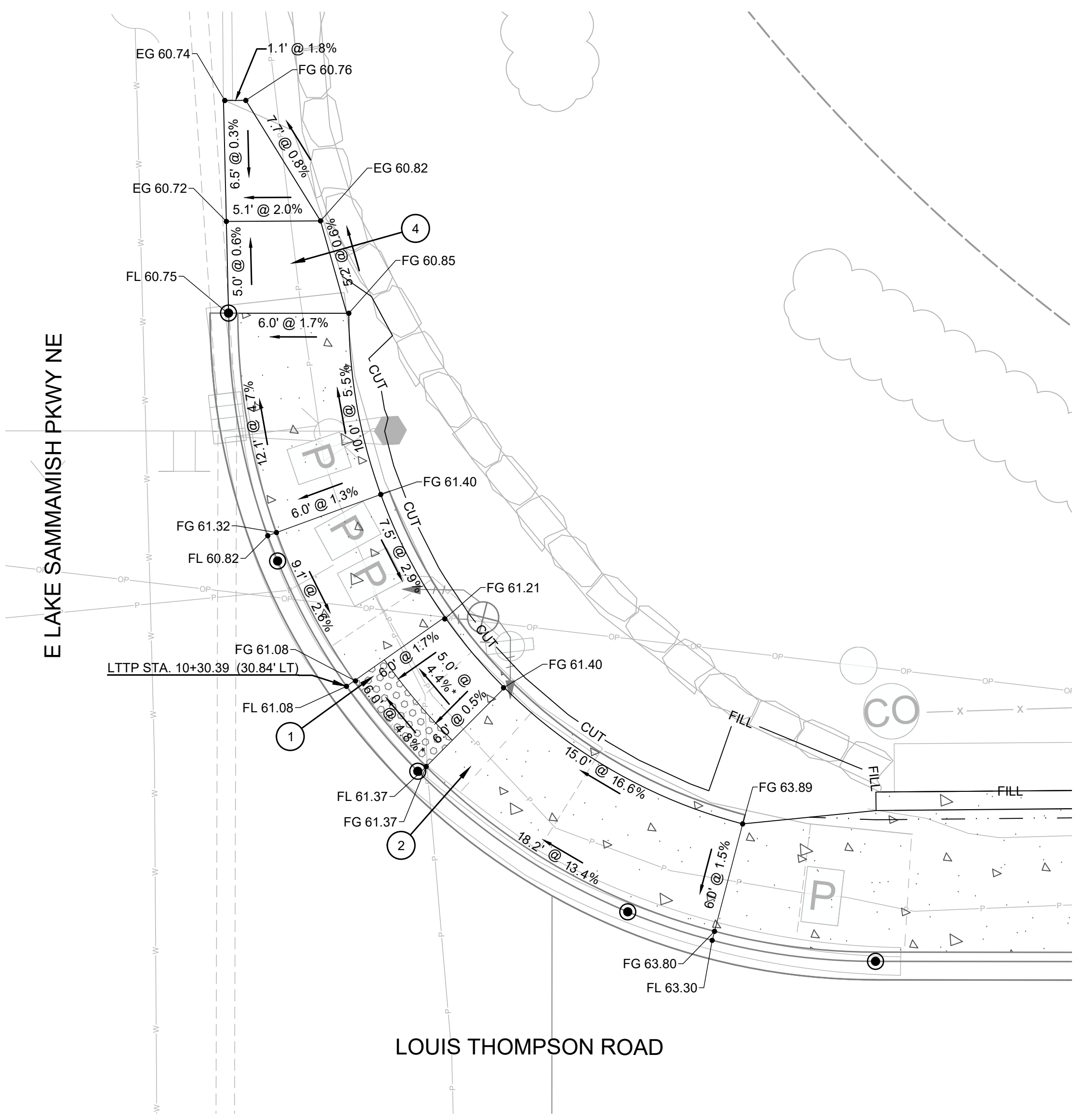


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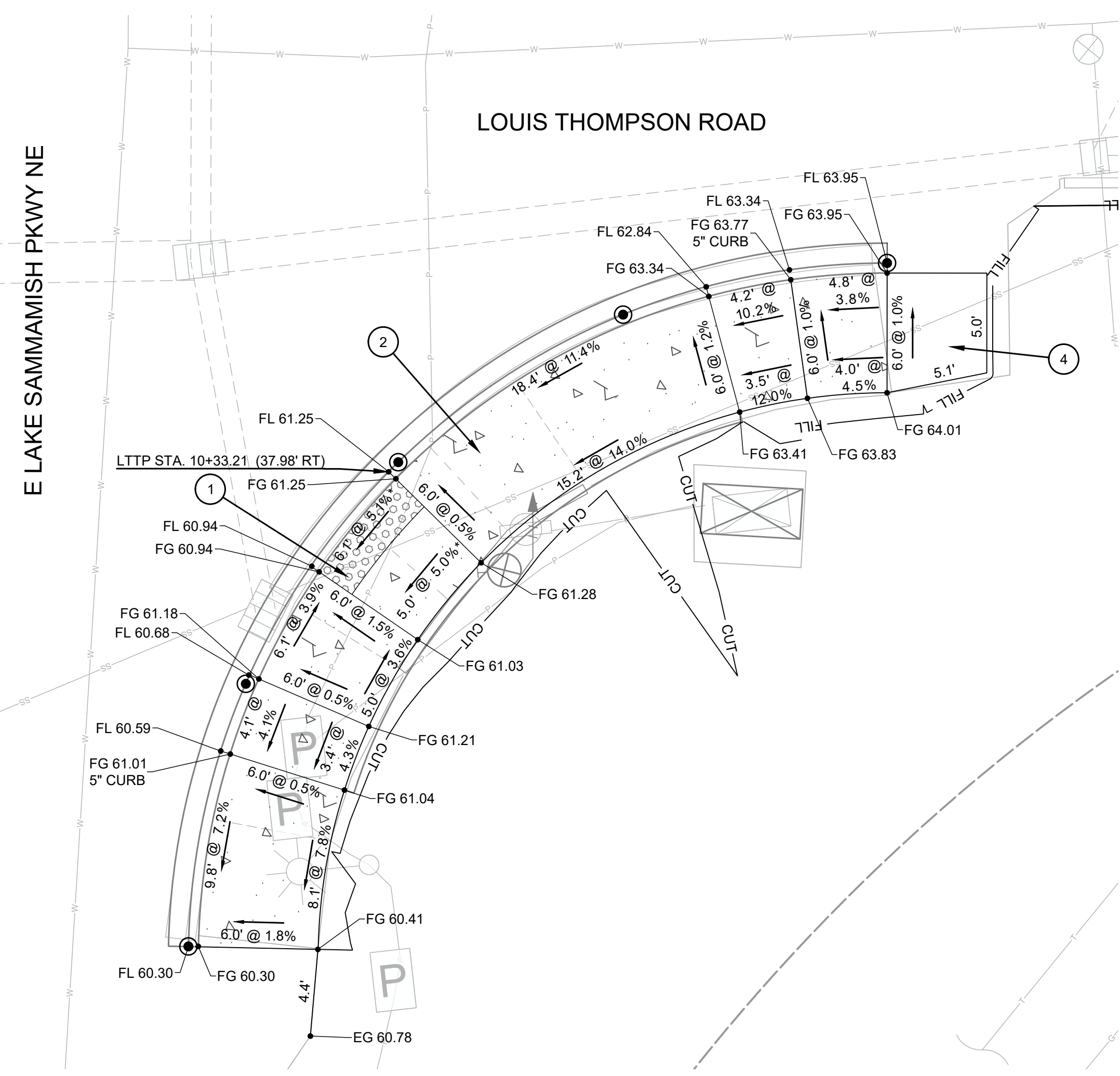
DESIGNED BY RAKO			<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	REVISION	BY										LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH SIDE STREET PLAN AND PROFILE	JOB# / DWG 10-210058	DATE 01/29/2024
NO.				DATE	REVISION	BY													
DRAWN BY RAKO	SCALE H: 1"=10' V: 1"=10'	PROJ PR02																	
CHECKED BY SBS	SHEET 76 of 102																		

FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCORNSULTING-PW\BENTLEY.COM\OSBORNCORNSULTING-PW-01\LAURA TURNDIDGE\MS265661P_10-210058_ROAD_RAMP.DWG
 PLOT TIME: 1/26/2024 12:48 PM
 USER NAME: LAURA TURNDIDGE



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'

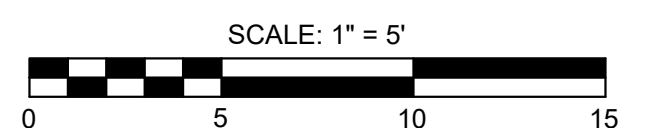
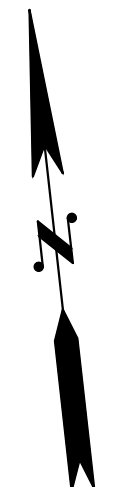
SE CORNER LOUIS THOMPSON RD & E LAKE SAMMAMISH PARKWAY

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CONSTRUCTION NOTES:

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- 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.



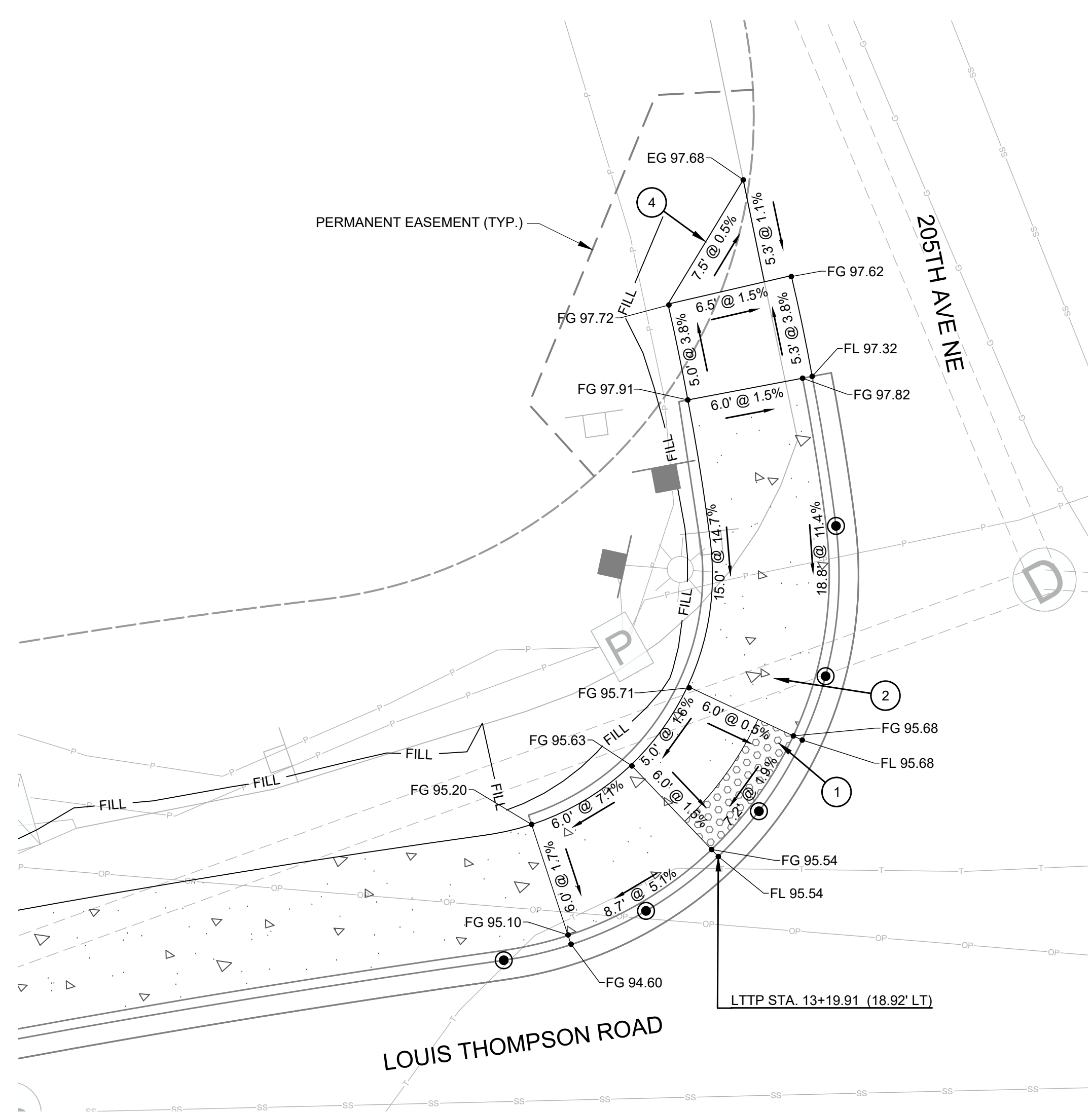
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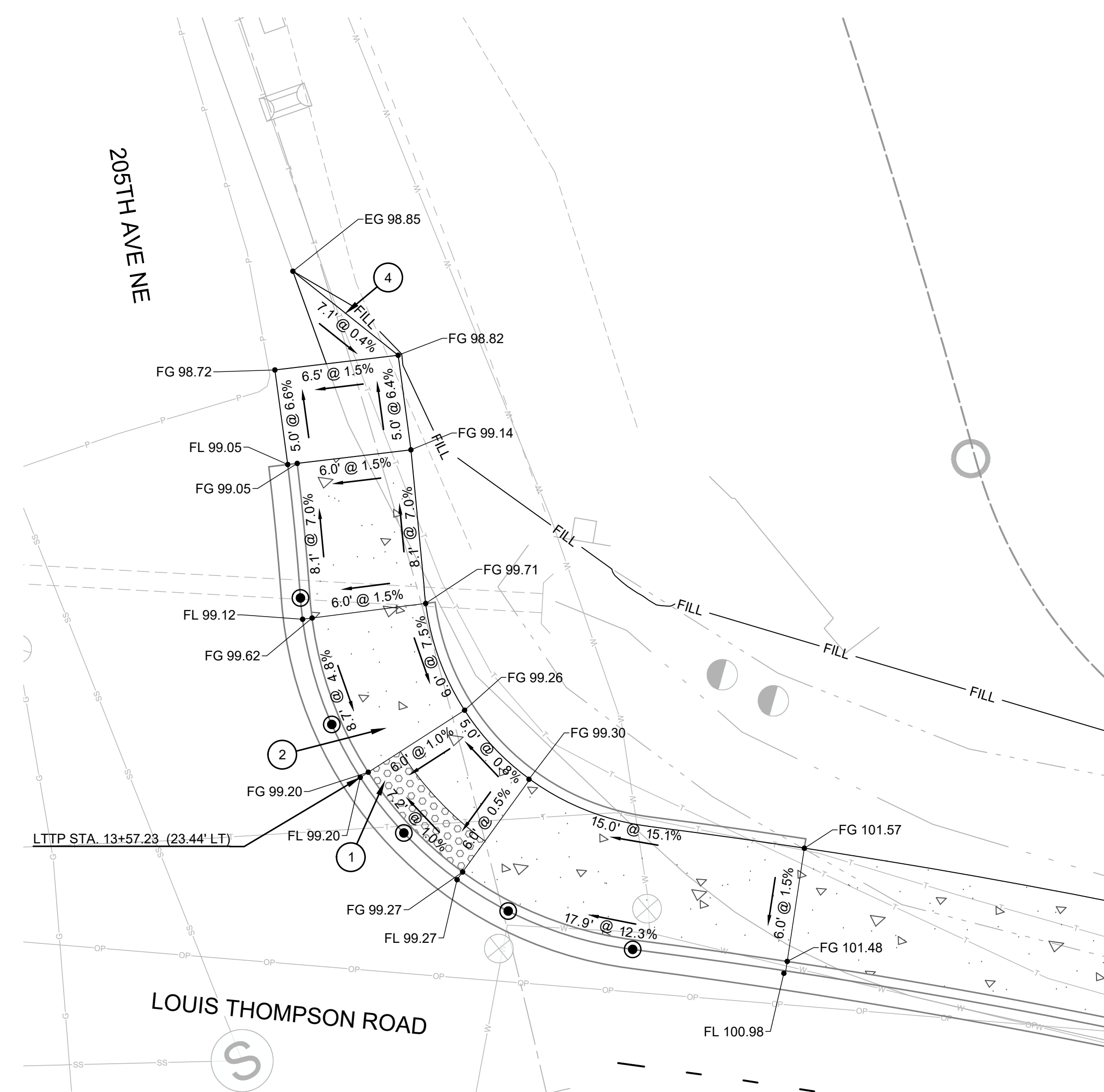
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NO.				DATE	REVISION	BY																		
DRAWN BY RAKO	SCALE H: 1"=5' V: N/A	CR01																						
CHECKED BY SBS	SHEET 77 of 102																							

FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCORNCONSULTING-PW-BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_ROAD_RAMP.DWG
 PLOT TIME: 1/26/2024 12:48 PM
 USER NAME: LAURA TURNIDGE



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)	
P.C. 13+09.20 (14.03' LT)	94.14'
$\Delta = 89^{\circ}13'30''$	$\frac{1}{4}\Delta$ 95.06'
R= 20.00'	$\frac{1}{2}\Delta$ 95.60'
L= 31.15'	$\frac{3}{4}\Delta$ 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'
$\Delta = 78^{\circ}35'06''$	$\frac{1}{4}\Delta$ 99.17'
R= 20.00'	$\frac{1}{2}\Delta$ 99.23'
L= 27.43'	$\frac{3}{4}\Delta$ 99.54'
T= 16.37'	
P.T. 13+71.55 (16.00' LT)	100.20'

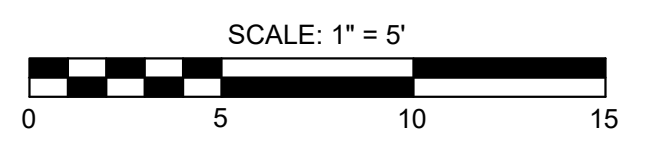
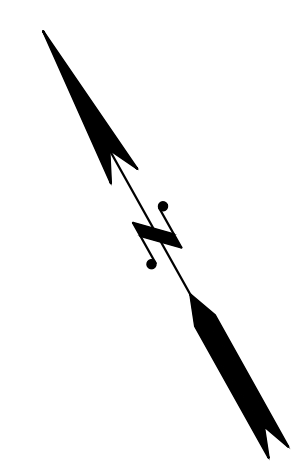
NE CORNER LOUIS THOMPSON RD & 205TH AVE NE

GENERAL NOTES:

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CONSTRUCTION NOTES:

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- 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.



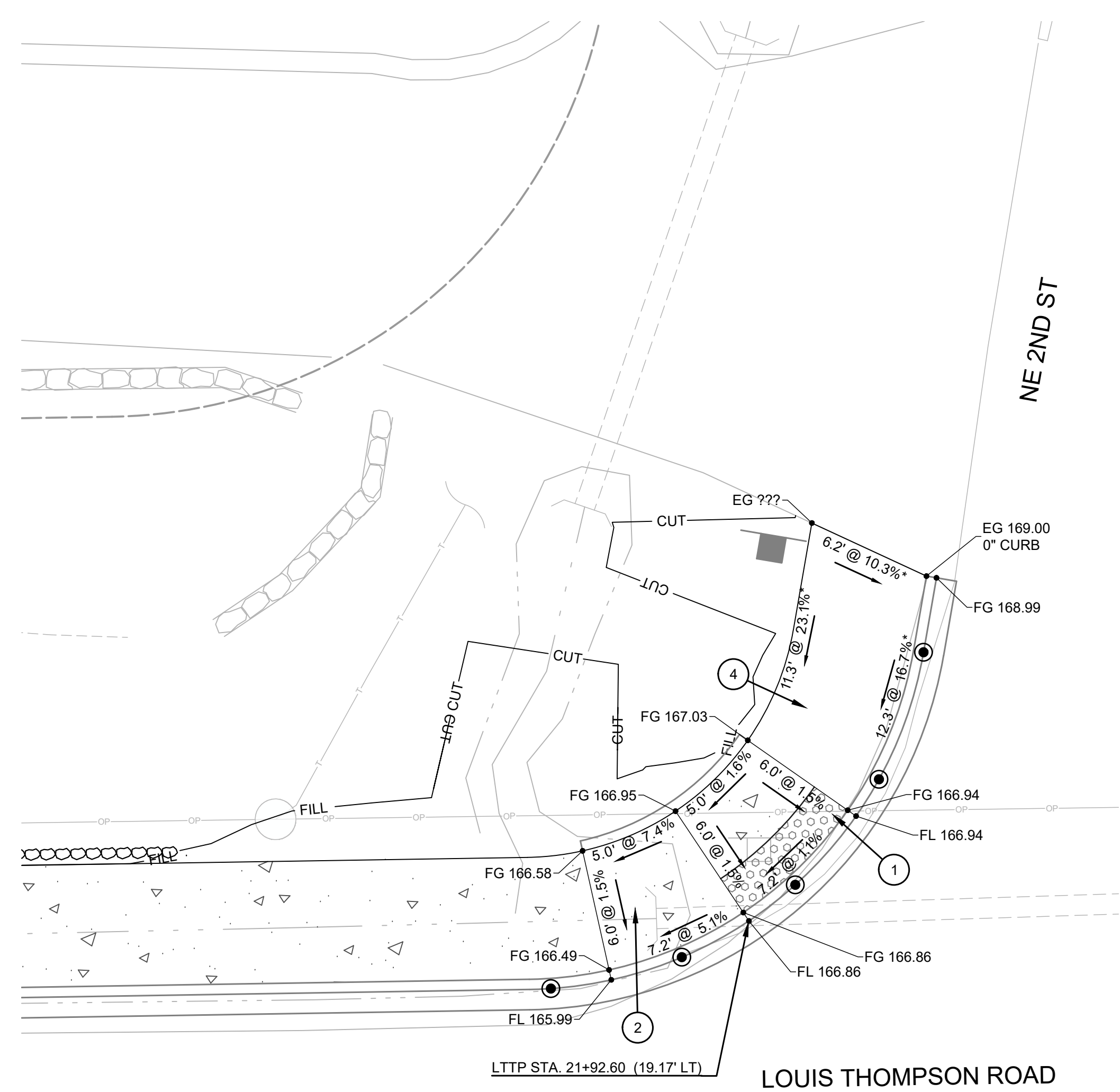
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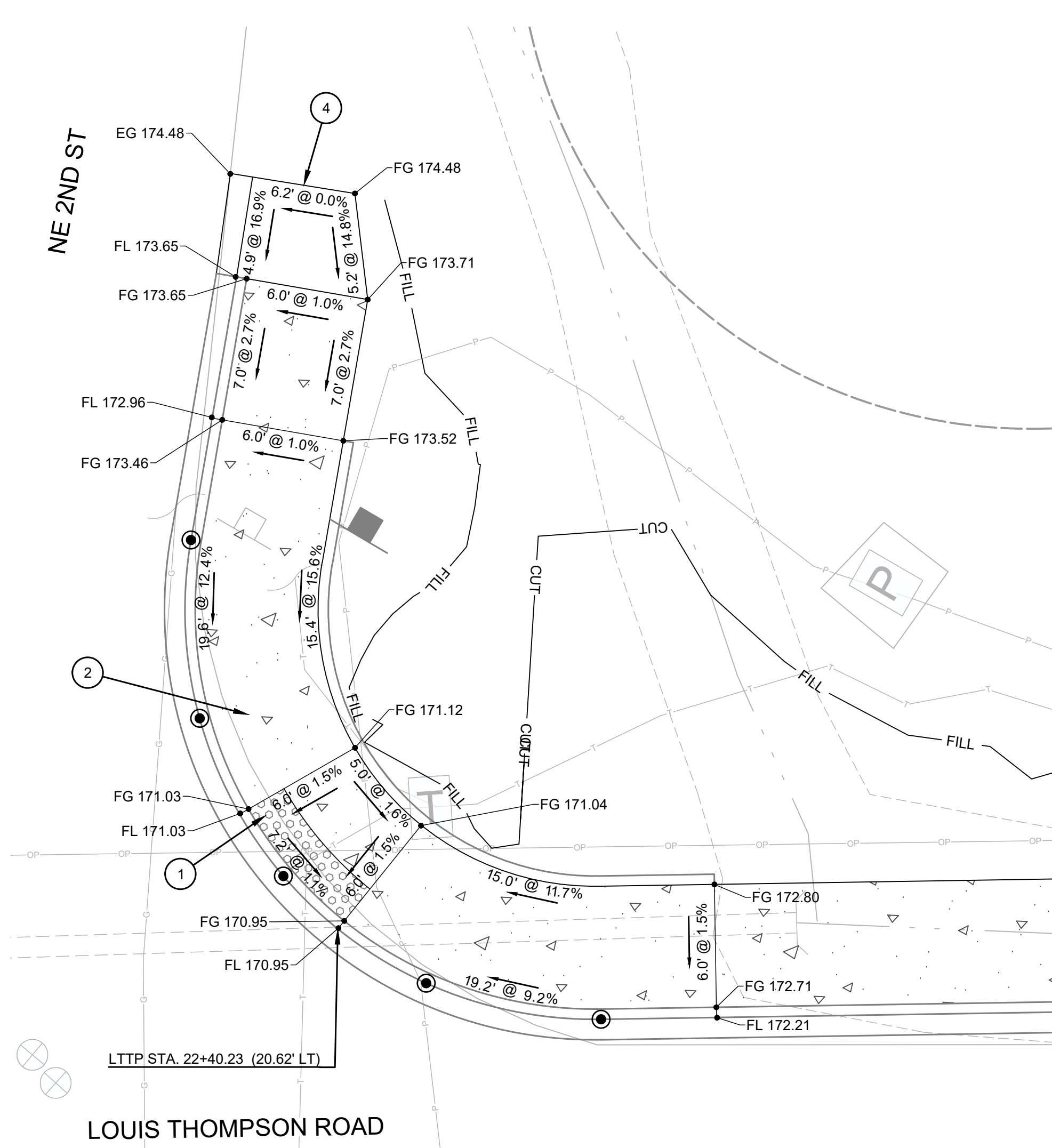
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NO.				DATE	REVISION	BY																		
DRAWN BY RAKO	SCALE H: 1"=5' V: N/A	CR02																						
CHECKED BY SBS	SHEET 78 of 102																							

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNDIDGE\MS265661P_10-210058_ROAD_RAMP.DWG
 PLOT TIME: 1/26/2024 12:48 PM
 USER NAME: LAURA TURNDIDGE



CURB RETURN ELEVATIONS (ELEVATIONS AT FLOWLINE)		
P.C.	21+81.77 (16.00' LT)	165.64'
Δ =	79°16'14"	$\frac{1}{4}$ Δ 166.42'
R=	20.00'	$\frac{1}{2}$ Δ 166.90'
L=	27.57'	$\frac{3}{4}$ 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"	$\frac{1}{4}$ Δ 171.53'
R=	20.00'	$\frac{1}{2}$ Δ 170.99'
L=	35.16'	$\frac{3}{4}$ 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:

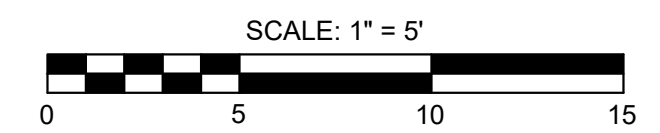
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CONSTRUCTION NOTES:

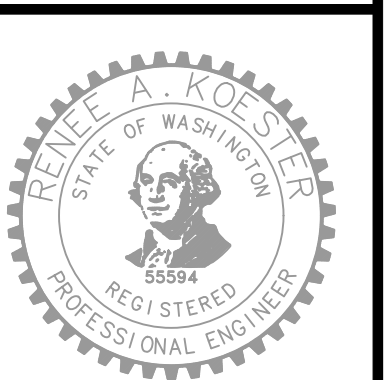
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- CONSTRUCT SINGLE DIRECTION CURB RAMP PER C.O.S. FIG 02-08.
- CONSTRUCT ASPHALT TRANSITION RAMP TO SHOULDER PER C.O.S. FIG 03-07.



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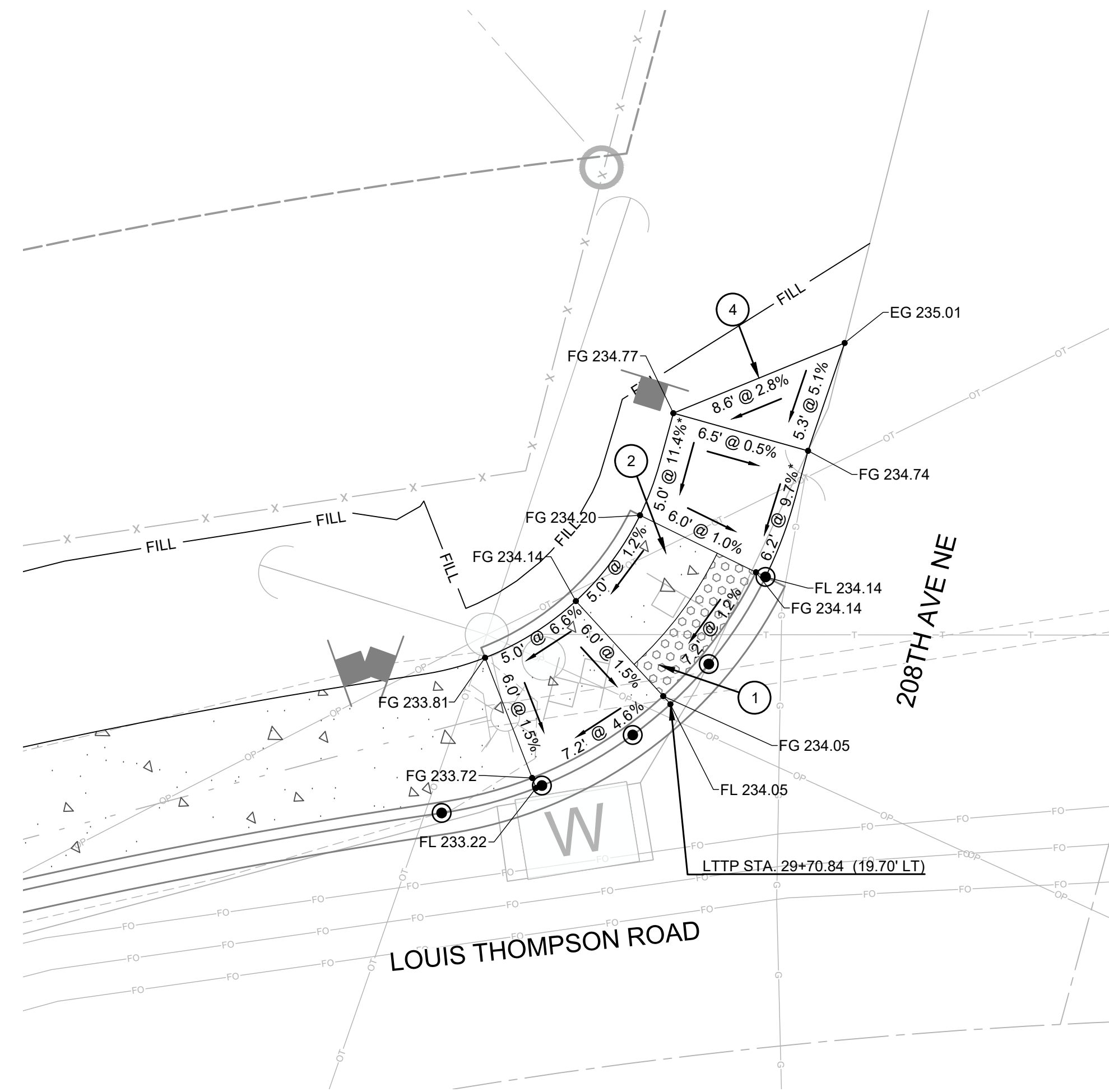
NO.	DATE	REVISION	BY



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

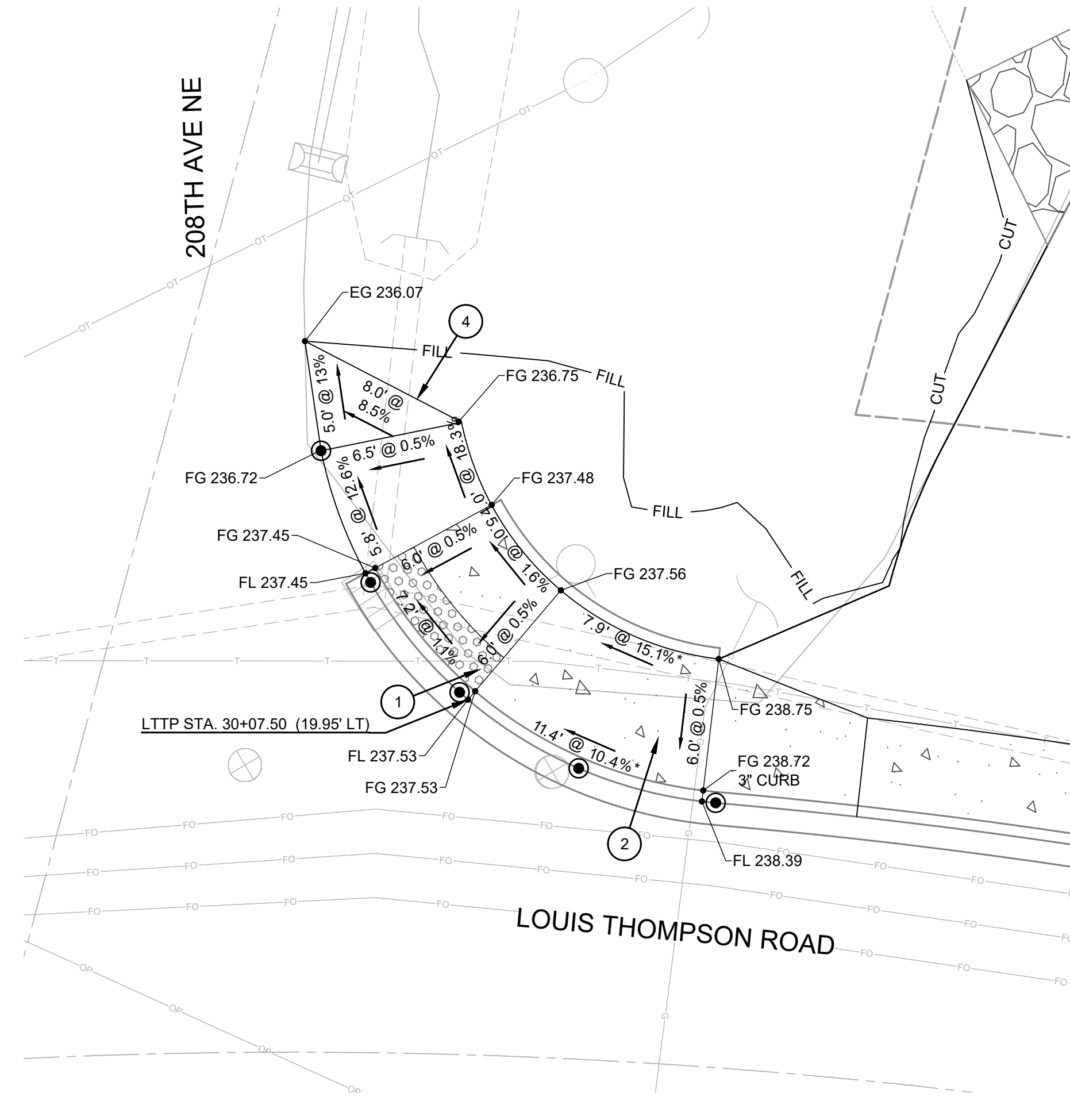
JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=5' V: N/A	PROJECT	CR03
		SHEET	79 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\MS265661P_10-210058_ROAD_RAMP.DWG
 PLOT TIME: 1/26/2024 12:48 PM
 USER NAME: LAURA TURNDIGE



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'

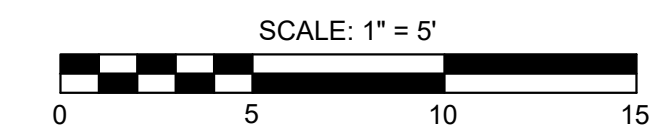
NE CORNER LOUIS THOMPSON RD & 208TH AVE NE

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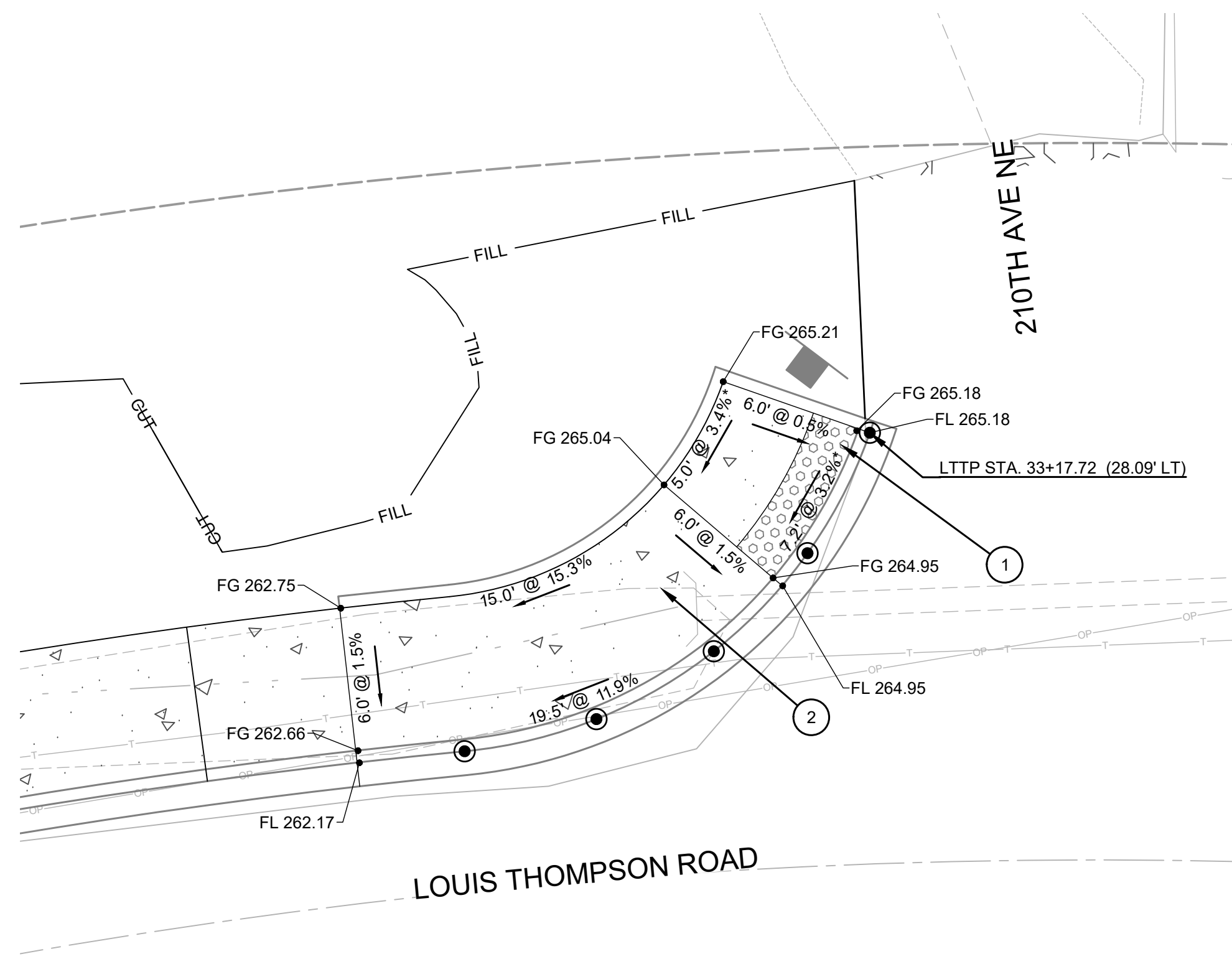
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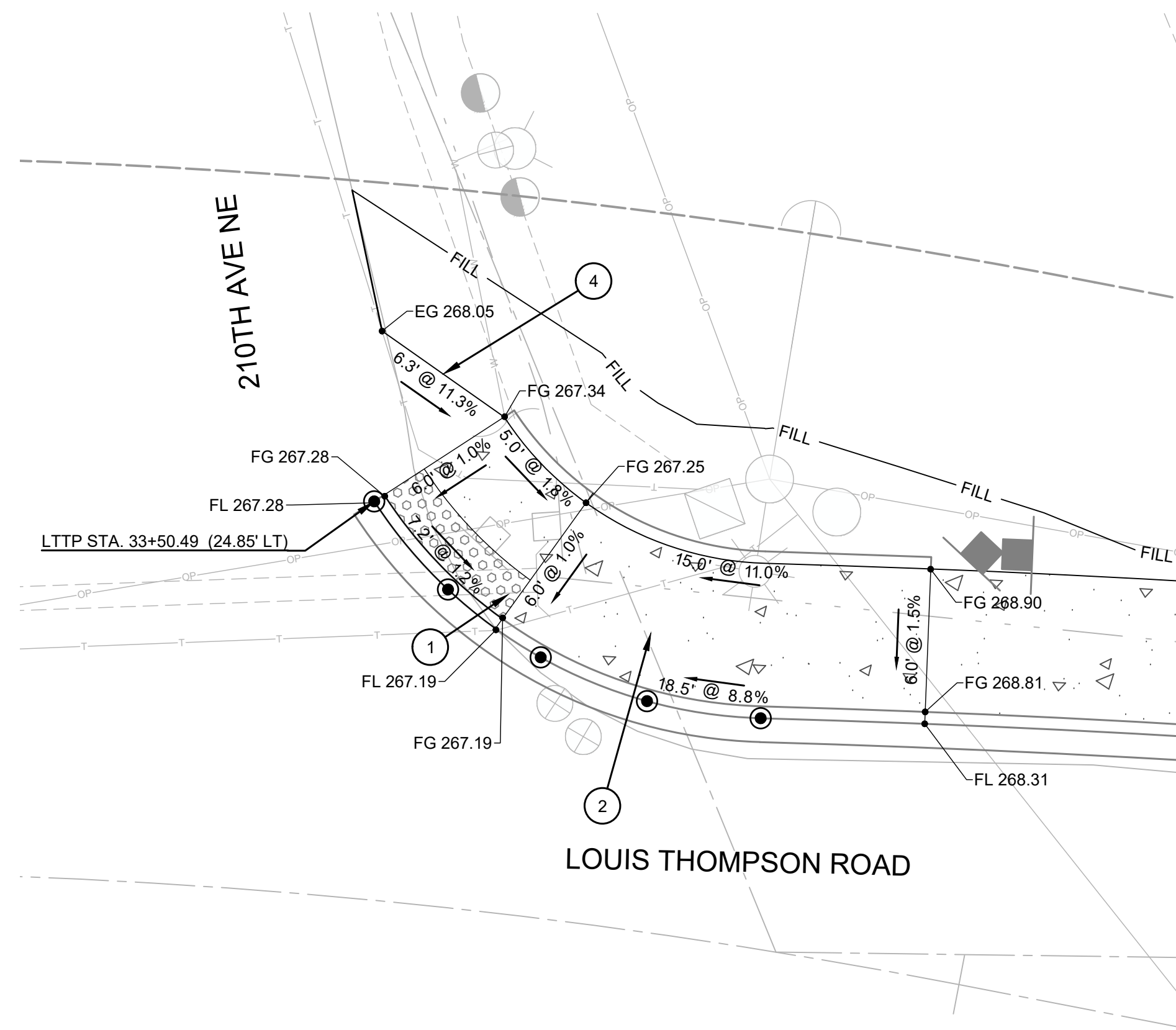
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DRAWN BY RAKO	SCALE H: 1"=5' V: N/A	CR04																		
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 PLOT TIME: 1/26/2024 12:48 PM
 USER NAME: LAURA TURNDIDGE



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'

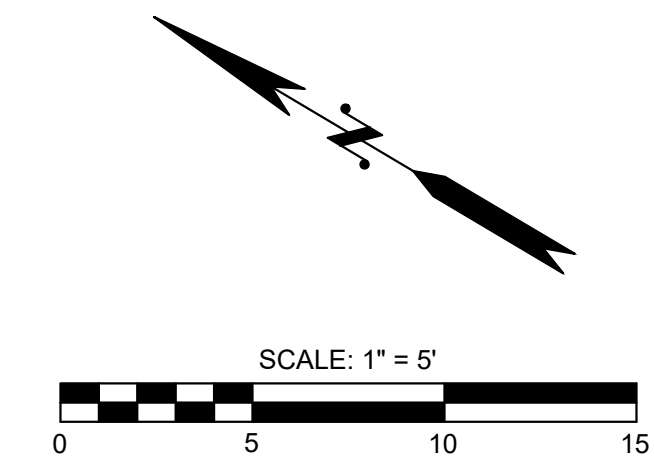
EAST CORNER LOUIS THOMPSON RD & 210TH AVE NE

GENERAL NOTES:

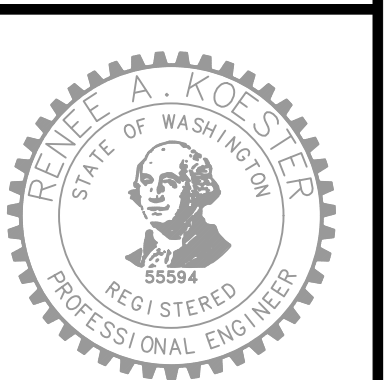
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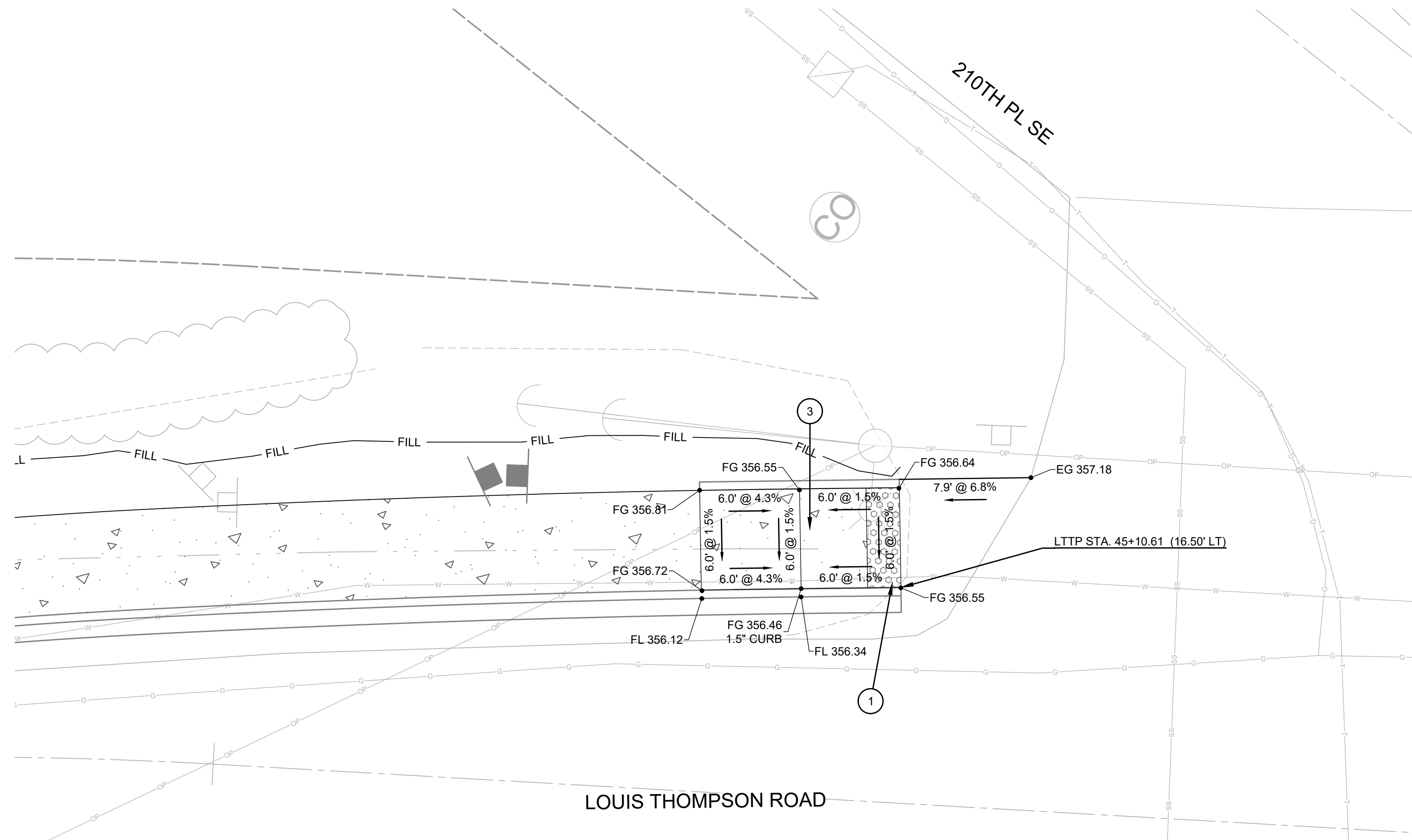
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=5' V: N/A	PROJECT	CR05
		SHEET 81 of 102	

FILE NAME: C:\PIV\OCL\WORKING\DIROS\BORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_ROAD_RAMP.DWG
 PLOT TIME: 1/26/2024 12:49 PM
 USER NAME: LAURA TURNDIGE



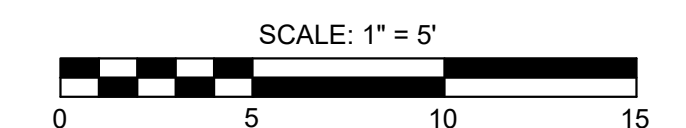
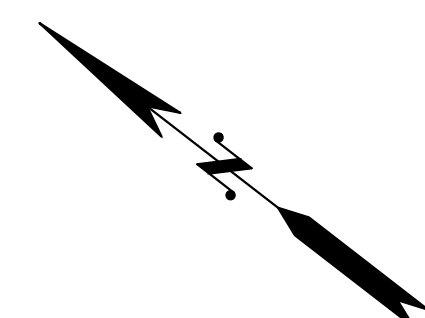
GENERAL NOTES:

- SEE SHEETS 46 TO 55 FOR NON-MOTORIZED IMPROVEMENT PLAN AND SHEETS 75 TO 76 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 LTTP CENTERLINE.
- CONTRACTOR SHALL ADJUST ALL UTILITIES TO GRADE WITHIN THE SIDEWALK AND PEDESTRIAN ACCESS ROUTE WITH 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.

WEST OF LOUIS THOMPSON RD & 210TH PL SE



Know what's below.
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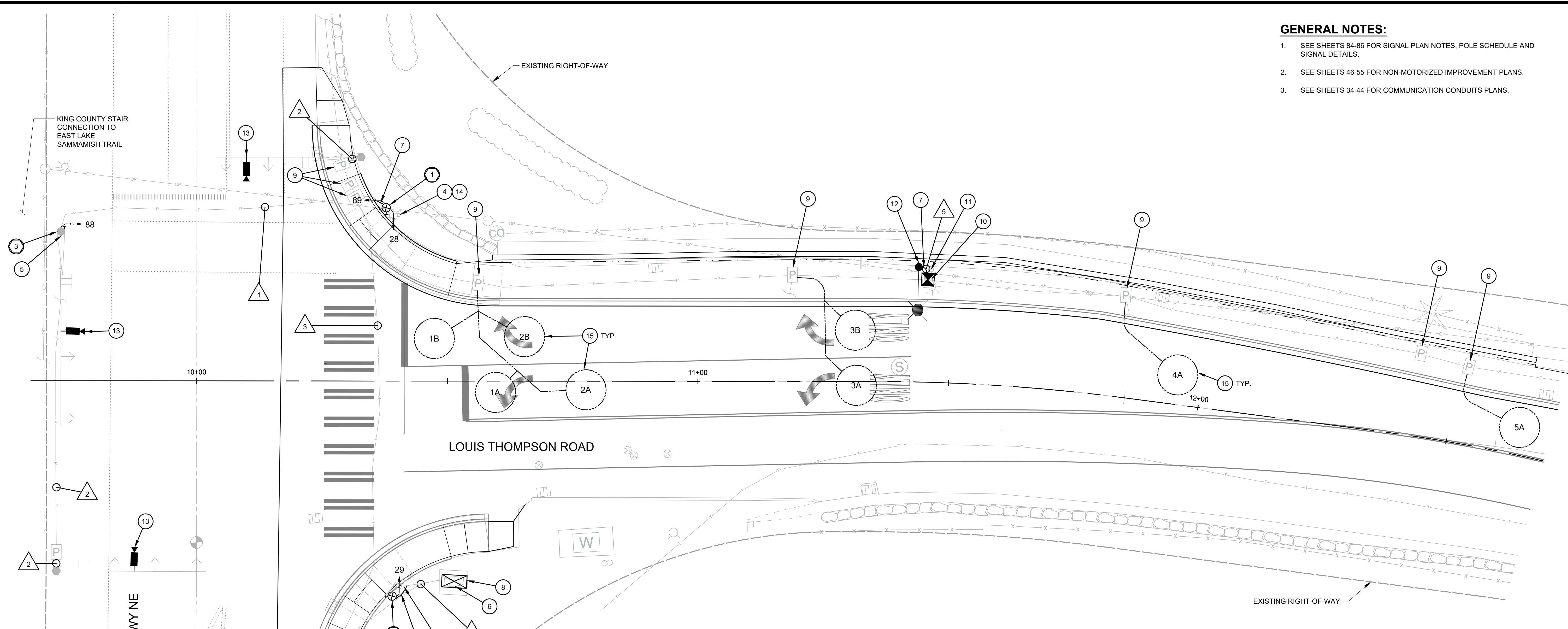


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DESIGNED BY CAWO			<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REVISION	BY														LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH ADA CURB RAMP PLAN	JOB# / DWG 10-210058	DATE 01/29/2024
NO.				DATE	REVISION	BY																	
DRAWN BY RAKO	SCALE H: 1"=5' V: N/A	CR06																					
CHECKED BY SBS	SHEET 82 of 102																						

GENERAL NOTES:

1. SEE SHEETS 84-86 FOR SIGNAL PLAN NOTES, POLE SCHEDULE AND SIGNAL DETAILS.
2. SEE SHEETS 46-55 FOR NON-MOTORIZED IMPROVEMENT PLANS.
3. SEE SHEETS 34-44 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)	VID. DET. 3C(SH)	ILLUM. #8 AWG	NOTES
1	EX.	1	2	--	MAINTAIN EX. CIRCUITRY
2	EX.	--	1	--	MAINTAIN EX. CIRCUITRY
3	EX.	3	3	--	MAINTAIN EX. CIRCUITRY
4	EX.	4	3	--	MAINTAIN EX. CIRCUITRY
5	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

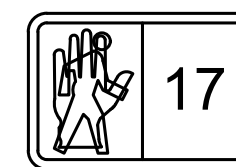
APS SPEECH MESSAGE

APS SPEECH MESSAGE - CROSSING LOUIS THOMPSON ROAD

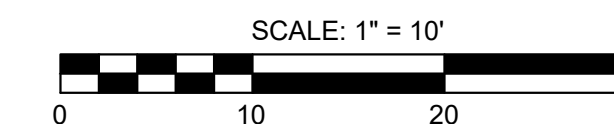
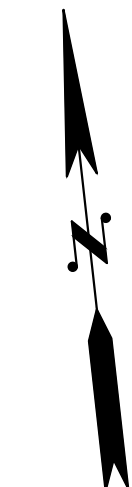
"LOUIS THOMPSON ROAD. WALK SIGN IS ON TO CROSS LOUIS THOMPSON ROAD"

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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DESIGNED BY RAKO DRAWN BY RAKO CHECKED BY SBS				LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH SIGNAL PLAN	JOB# / DWG 10-210058 SCALE H: 1"=20' V: N/A	DATE 01/29/2024 SHEET 83 of 102
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FILE NAME: C:\PIV\OCL\WORKINGDIROBORCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNDIDGE\MS265661P_10-210058_ROAD_SIGNAL.DWG
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 PLOT TIME: 1/26/2024 12:49 PM
 USER NAME: LAURA TURNDIDGE

GENERAL NOTES:

- ALL WORKMANSHIP, MATERIALS, AND TESTING SHALL BE IN ACCORDANCE WITH NEC STANDARDS, WSDOT/APIWA 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 PEDESTRIAN HEADS FOR REUSE; OTHER EQUIPEMENT TO BE DISPOSED. COORDINATE WITH MELISSA LUCAS AT (425) 295-5127 A MINIMUM OF 10 DAYS PRIOR TO REMOVAL.
- CITY HAS PROCURED SIGNAL ITEMS WITH LONG LEAD TIMES TO AVOID DELAYS. CONTRACTOR SHALL PICK UP EQUIPMENT FROM THE CITY. CONTRACTOR SHALL COORDINATE PICK UP OF EQUIPMENT WITH MELISSA LUCAS AT (425) 295-5127. EQUIPMENT PROCURED BY CITY INCLUDES: FRANGIBLE BASES, PEDESTRIAN INDICATION POLES, LEFT SIDE MOUNT PEDESTRIAN INDICATION HEAD, TOP MOUNT SINGLE HEAD PED HEAD, TYPE C TOP MOUNT 2 PED HEAD YELLOW, GUARDIAN PUSHBUTTONS WITH TRANSFORMERS, PUSHBUTTON 90 DEGREE EXTENSION MOUNT, COUNTDOWN PEDESTRIAN INDICATIONS, COS SPECIFICATION SIGNAL CABINET, AUTOSCOPE VISION CAMERAS, AUTOSCOPE MANAGER, PELCO BRACKETS WITH CAMERA POLE AND MOUNT, AND ROLL AUTOSCOPE CABLE.
- CONTRACTOR SHALL PULL SLACK FROM JUNCTION BOXES AND LEAVE A MINIMUM 6-FT CABLE LOOP TO REMAIN IN EACH PULL BOX THAT THE CABLE RUNS THROUGH. IF LESS THAN 6-FT OF CABLE LOOP REMAINS, CONTRACTOR SHALL PULL A NEW 2-C (SH) FROM BUTTION TO CABINET, AND A NEW 5-C (SH) FROM THE POLE TO THE CABINET.
- LEAD SIGNAL TECHNICIAN SHALL BE CONTACTED THREE (2) DAYS PRIOR TO ANY WORK THAT INVOLVES DISCONNECTING OR CONNECTING ELECTRICAL SIGNAL ITEMS, AND WHEN ACCESS IS NEEDED TO TRAFFIC SIGNAL CABINET.
- CAMERAS SHALL BE IN PLACE AND OPERATIONAL BEFORE ANY EXISTING LOOPS ARE CUT.

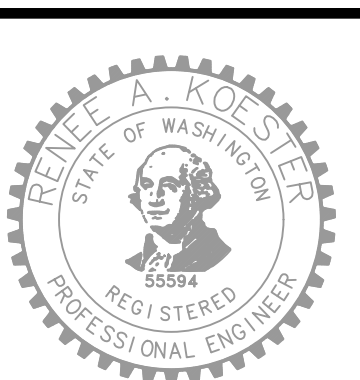
CONSTRUCTION NOTES:

- INSTALL 4" ALUMINUM POLE BASE FOUNDATION PER CITY OF BELLEVUE STD. DWG SL-141-1. INSTALL CITY FURNISHED 4" ALUMINUM POLE BASE (PEDESTAL OPTION A) AND CITY FURNISHED 4" POLE PER CITY OF BELLEVUE STD. DWG SL-140-2. HANDHOLE TO FACE AWAY FROM TRAFFIC. INSTALL CITY FURNISHED TYPE C PEDESTRIAN HEAD TOP MOUNT, REINSTALL TWO SALVAGED PEDESTRIAN SIGNAL HEAD HOUSINGS, AND INSTALL TWO CITY FURNISHED PEDESTRIAN SIGNAL COUNTDOWN INDICATORS. INSTALL TWO CITY FURNISHED PEDESTRIAN PUSHBUTTONS WITH TRANSFORMERS. CONTRACTOR TO ALIGN PUSH BUTTON ASSEMBLIES PERPENDICULAR TO DIRECTION OF CROSSWALK. SEE APS SPEECH MESSAGE ON SHEET 83. NO WIRE NUTS ARE PERMITTED FOR TERMINATION, TERMINAL STRIPS ARE REQUIRED. CONTRACTOR TO INSTALL WIRING PER WSDOT STD. PLAN J-20.20.
- INSTALL 4" ALUMINUM POLE BASE FOUNDATION PER CITY OF BELLEVUE STD. DWG SL-141-1. INSTALL CITY FURNISHED 4" ALUMINUM POLE BASE (PEDESTAL OPTION A) AND CITY FURNISHED 4" POLE PER CITY OF BELLEVUE STD. DWG SL-140-2. HANDHOLE TO FACE AWAY FROM TRAFFIC. INSTALL CITY FURNISHED PEDESTRIAN HEAD TOP MOUNT, REINSTALL ONE SALVAGED PEDESTRIAN SIGNAL HEAD HOUSING, AND INSTALL ONE CITY FURNISHED PEDESTRIAN SIGNAL COUNTDOWN INDICATOR. INSTALL ONE CITY FURNISHED PEDESTRIAN PUSHBUTTONS WITH TRANSFORMER. CONTRACTOR TO INSTALL WIRING PER WSDOT STD. PLAN J-20.20. CONTRACTOR TO ALIGN PUSH BUTTON ASSEMBLY PERPENDICULAR TO DIRECTION OF CROSSWALK. SEE APS SPEECH MESSAGE ON SHEET 83. NO WIRE NUTS ARE PERMITTED FOR TERMINATION, TERMINAL STRIPS ARE REQUIRED. CONTRACTOR TO INSTALL WIRING PER WSDOT STD. PLAN J-20.20.
- INSTALL ONE CITY FURNISHED PEDESTRIAN SIGNAL COUNTDOWN INDICATOR AND INSTALL ONE CITY FURNISHED PEDESTRIAN PUSHBUTTON WITH 90-DEGREE EXTENSION MOUNT AND TRANSFORMER. CONTRACTOR TO ALIGN PUSHBUTTON ASSEMBLY PERPENDICULAR WITH CROSSWALK. SEE APS SPEECH MESSAGE ON SHEET 83. NO WIRE NUTS ARE PERMITTED FOR TERMINATION, TERMINAL STRIPS ARE REQUIRED. CONTRACTOR TO INSTALL WIRING PER WSDOT STD. PLAN J-20.20.
- REMOVE EXISTING PS POLE, FOUNDATION, ASSOCIATED CONDUIT TO JUNCTION BOX, AND CONDUIT ELBOWS. CONTRACTOR TO SALVAGE EXISTING PEDESTRIAN SIGNAL HEAD HOUSING FOR RELOCATION TO NEW POLES. CONTRACTOR TO PRESERVE EXISTING WIRING AND CONDUIT FOR RECONNECTION TO NEW POLE BASE. BACKFILL TO GRADE AS REQUIRED.
- REMOVE EXISTING PEDESTRIAN SIGNAL COUNTDOWN INDICATOR AND PUSH BUTTON FROM EXISTING TRAFFIC SIGNAL POLE. CONTRACTOR TO PRESERVE EXISTING WIRING AND CONDUIT FOR RECONNECTION TO NEW PEDESTRIAN COUNTDOWN INDICATOR ASSEMBLY. 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 86. CONTRACTOR TO FIELD PAINT REPAIR AREA, DARK GREEN PANTONE #5605U, TO MATCH EXISTING POLE.
- REMOVE EXISTING SIGNAL CONTROLLER CABINET. MAINTAIN EXISTING FOUNDATION, CONDUIT ELBOWS, CONDUITS, AND CONDUCTORS. SEE TRAFFIC SIGNAL WORK PLAN, THIS SHEET.
- INSTALL CONDUIT PER CONDUIT & WIRE SCHEDULE. CONTRACTOR TO PROOF EXISTING CONDUIT BEFORE NEW CONDUCTOR INSTALLATION.
- INSTALL CITY FURNISHED CITY OF SAMMAMISH SPECIFIED 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.
- 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. 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 CITY FURNISHED NEW AUTOSCOPE VISION VIDEO DETECTION CAMERA WITH MOUNTING BRACKET (MODEL AMBKT16S) ON EXISTING SIGNAL POLE. INSTALL CITY FURNISHED AUTOSCOPE MANAGER IN TRAFFIC SIGNAL CONTROLLER CABINET. INSTALL ALL ASSOCIATED CONTROL/DETECTION EQUIPMENT IN TRAFFIC SIGNAL CONTROLLER CABINET. INSTALL CITY FURNISHED 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. CONTRACTOR SHALL NOTIFY CITY'S LEAD SIGNAL TECHNICIAN A MINIMUM OF FIVE (5) DAYS IN ADVANCE OF WORK TO BE ON SITE DURING THIS WORK.
- EXTEND EXISTING CONDUIT TO NEW POLE FOUNDATION AND BASE. MATCH EXISTING CONDUIT SIZE AND MATERIAL.
- INSTALL NEW TYPE 3 INDUCTION LOOPS PER WSDOT STD PLAN J-50.12. RUN CONDUCTORS INTO JUNCTION BOX PER WSDOT STD PLAN J-50.15. ALL LEAD-INS MUST BE LABELLED. TRAFFIC LOOPS SHALL BE SPLICED PER KING COUNTY LOOP DIRECTIONS IN PROJECT MANUAL. CONTRACTOR SHALL SPLICE 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 ENCASEING THE SPLICE. CONTRACTOR SHALL USE ELECTRICAL MOISTURE SEALANT TAPE 06147 TO FOLD OVER THE SPLICE SO ONE QUARTER IS ON THE PIECE 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:

- AFTER TESTING IS COMPLETED, CONTRACTOR SHALL PICK UP THE CABINET FROM THE CITY'S SIGNAL SHOP FOR INSTALLATION.
- CONTRACTOR SHALL PROVIDE CITY OF SAMMAMISH LEAD TRAFFIC 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 TRAFFIC SIGNAL 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 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 TRAFFIC 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 TRAFFIC SIGNAL 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			<table border="1"> <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						LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH SIGNAL NOTES	JOB# / DWG 10-210058	DATE 01/29/2024
NO.				DATE	REVISION	BY									
DRAWN BY RAKO	SCALE H: N/A V: N/A	SG02													
CHECKED BY SBS	SHEET 84 of 102														

FILE NAME: C:\PW\OCL\WORKINGDIROSBORNCONSULTING-PW-BENTLEY.COM\OSBORNCONSULTING-PW-01LAURA TURNDIGE\2585661P_10-210058_ROAD_SIGNAL.DWG
 PLOT TIME: 1/28/2024 12:49 PM
 USER NAME: LAURA TURNDIGE

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

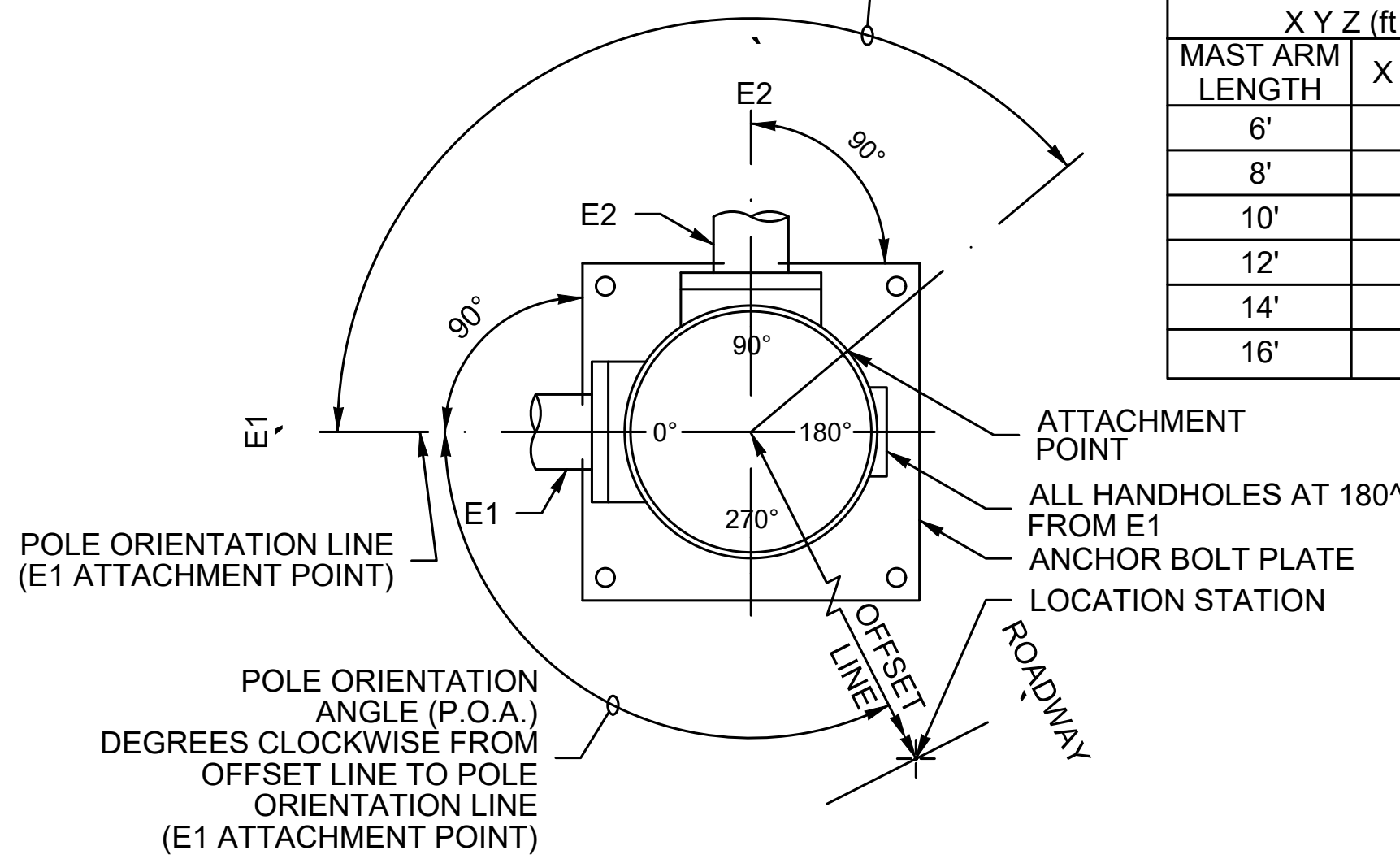
SIGNAL STANDARD IDENTIFICATION TAG DETAIL

STD. NO. XX SRXXX, MP XXX.XX - MANUFACTURER APPROVED DWG. XXXXXX FAB. X/XX/XXXX -	SIGNAL STANDARD NO. - - STATE ROUTE AND - MILE POST NO. APPROVED DRAWING NO. - FABRICATION DATE -	STD. NO. 02 - SR97, MP 069.09 MANUFACTURER APPROVED DWG. AB12345 FAB. 6/14/2002 EXAMPLE
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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 X Y Z (ft³)	STANDARD PLAN REFERENCES			
	POLE	FOUNDATION	ELECTRICAL	
MAST ARM LENGTH	STANDARD	CURB		
6'	J-20.10	J-20.10	J-20.11	J-20.10
8'	J-20.15	J-20.15	J-20.11	J-20.15
10'	J-20.16	J-21.10	J-20.11	J-20.20
12'	J-21.15	J-21.10	J-20.11	J-21.20
14'	J-21.15	J-21.10	J-20.11	J-21.20
16'	J-21.15	J-21.10	J-20.11	J-21.20
16'	II, III, SD	N/A	J-26.10, J-26.15	N/A

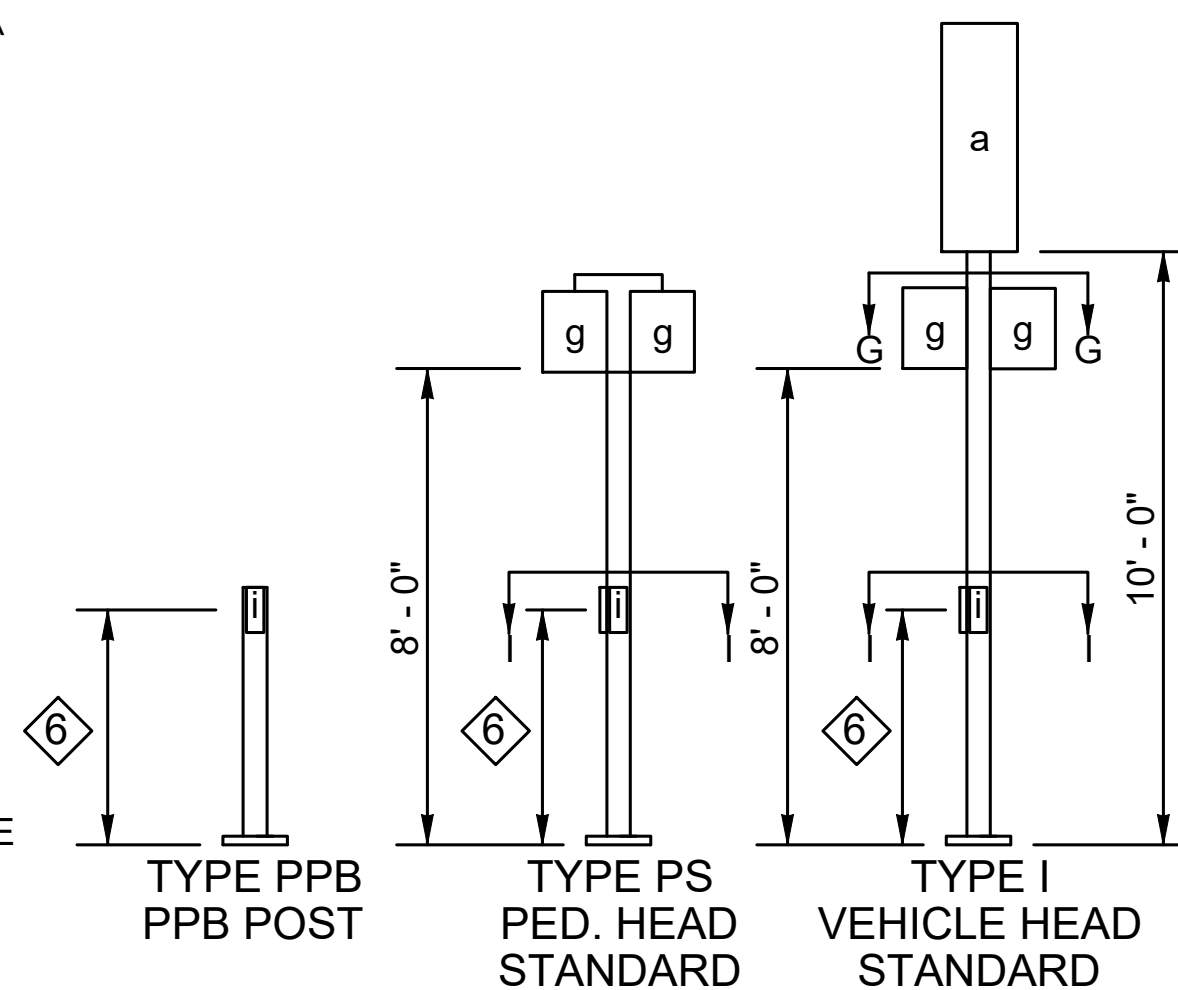
MEASURE ATTACHMENT POINT ANGLES CLOCKWISE FROM POLE ORIENTATION LINE (E1 ATTACHMENT POINT) TO THE ATTACHMENT POINT LOCATION



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



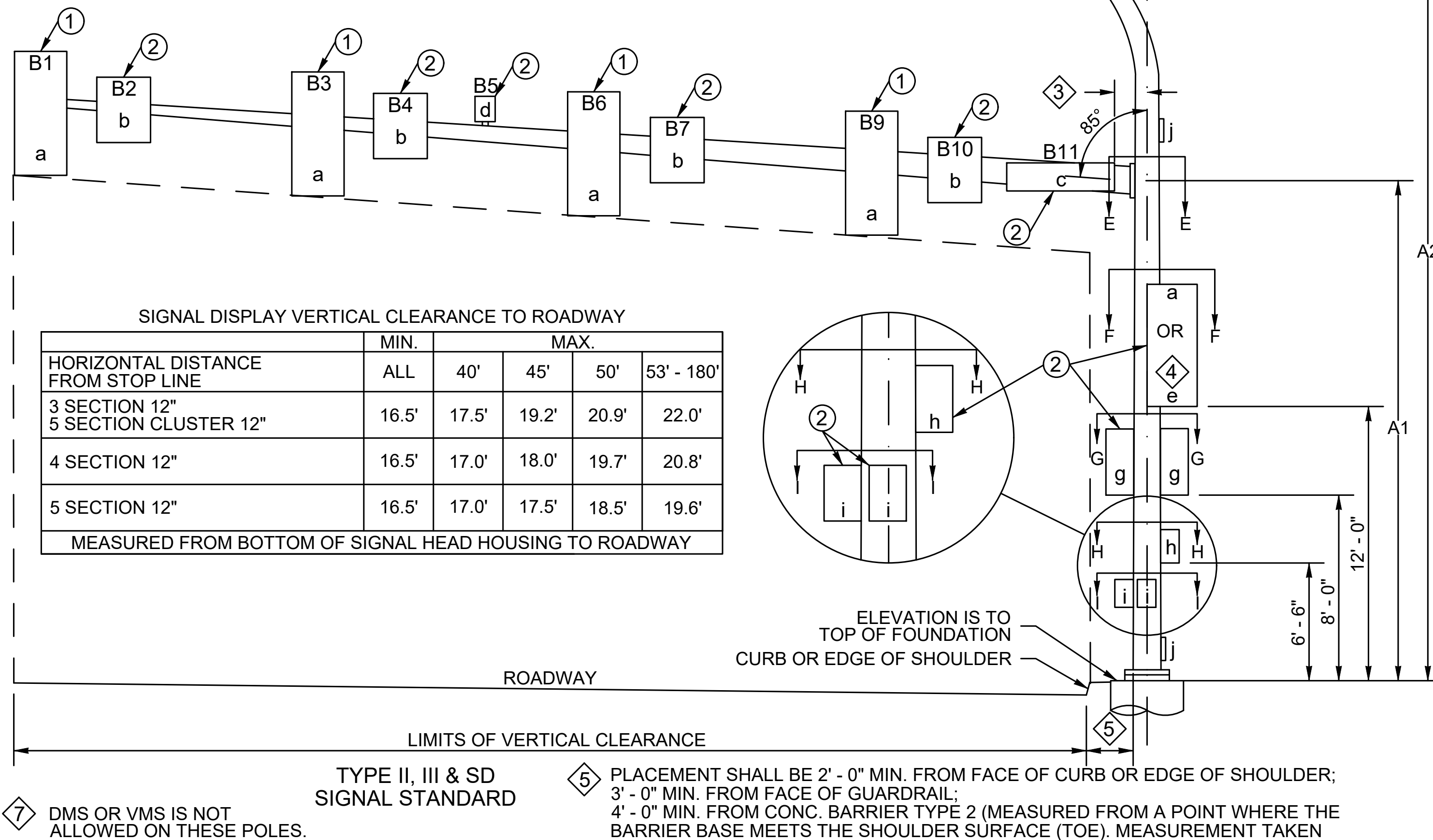
NOTES

- 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.

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

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



MEASURED FROM BOTTOM OF SIGNAL HEAD HOUSING TO ROADWAY

ROADWAY

LIMITS OF VERTICAL CLEARANCE

TYPE II, III & SD SIGNAL STANDARD
 DMS OR VMS IS NOT ALLOWED ON THESE POLES.

5 PLACEMENT SHALL BE 2'-0" MIN. FROM FACE OF CURB OR EDGE OF SHOULDER; 3'-0" MIN. FROM FACE OF GUARDRAIL; 4'-0" MIN. FROM CONC. BARRIER TYPE 2 (MEASURED FROM A POINT WHERE THE BARRIER BASE MEETS THE SHOULDER SURFACE (TOE). MEASUREMENT TAKEN FROM TRAFFIC SIDE OF BARRIER; TO FACE OF POLE)

SIGNAL STANDARD DETAIL CHART

STD. No.	FIELD LOCATION							POLE TYPE	MOUNTING HEIGHT (FT)	SIGNAL MAST ARM DATA											LUMINAIRE ARM (FT)	CALCULATED POLE XYZ (FT³)	POLE ATTACHMENT POINT ANGLES (deg.)				FOUNDATION DESIGN XYZ (FT³)	SOIL BEARING PRESSURE (PSF)	FOUNDATION DEPTH (FT)				REMARKS																
										OFFSETS (FT) (Z) (POLE TO ATTACHMENT POINT)					WINDLOAD AREAS (FT²) (X)(Y)								D	E1	E2	F			G1	G2	H	I1		I2	3' RD.	3' SQ.	4' RD.	3' RD.	4' RD.										
	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	*		*	D	E1	E2	F	G1	G2	H	I1	I2	3' RD.	3' SQ.	4' RD.	3' RD.	4' RD.	
	1	LTP 10+37.8	34.6	X			0	PS																																									
2	LTP 10+39.0	42.9	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		

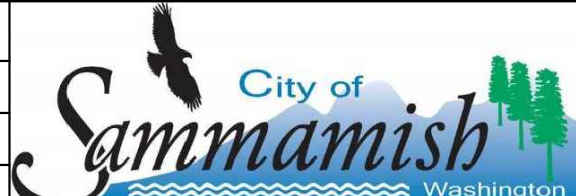
SIGNAL POLE SCHEDULE

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



DAVID EVANS AND ASSOCIATES INC.

NO.	DATE	REVISION	BY



LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH
 SIGNAL SCHEDULE

JOB# / DWG	DATE
10-210058	01/29/2024
SCALE	
H: N/A V: N/A	SG03
SHEET 85 of 102	

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

FOR UNC OR UNF THREADS

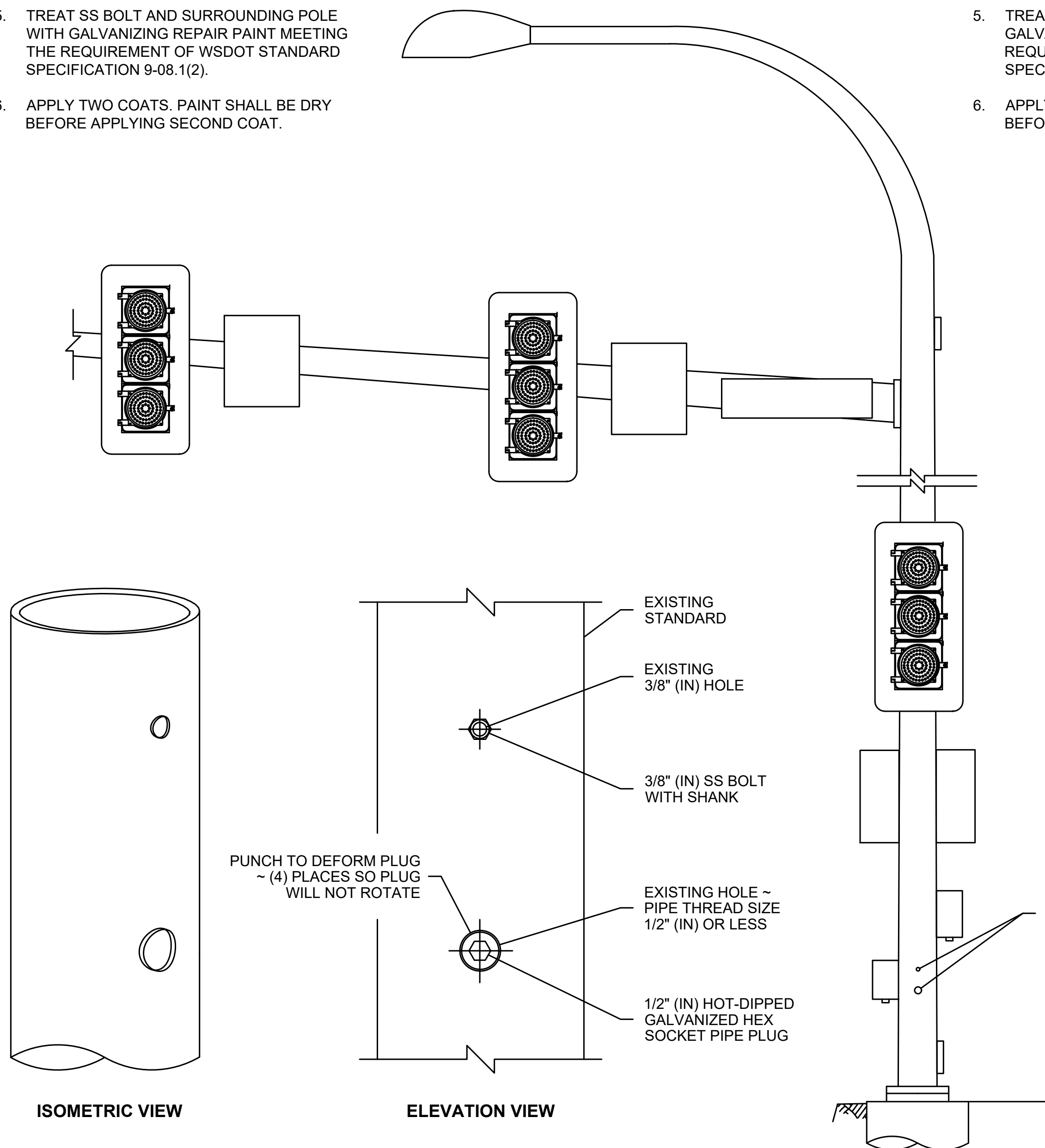
1. APPLY SILICONE CAULK TO THREADS OF SS BOLT WITH SHANK.
2. TIGHTEN SS BOLT UNTIL SHANK IS TIGHT AGAINST STANDARD.
3. CUT OFF SS BOLT EVEN WITH STANDARD.
4. FILE SS BOLT TO MATCH CONTOUR OF STANDARD.
5. TREAT SS BOLT AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF WSDOT 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.

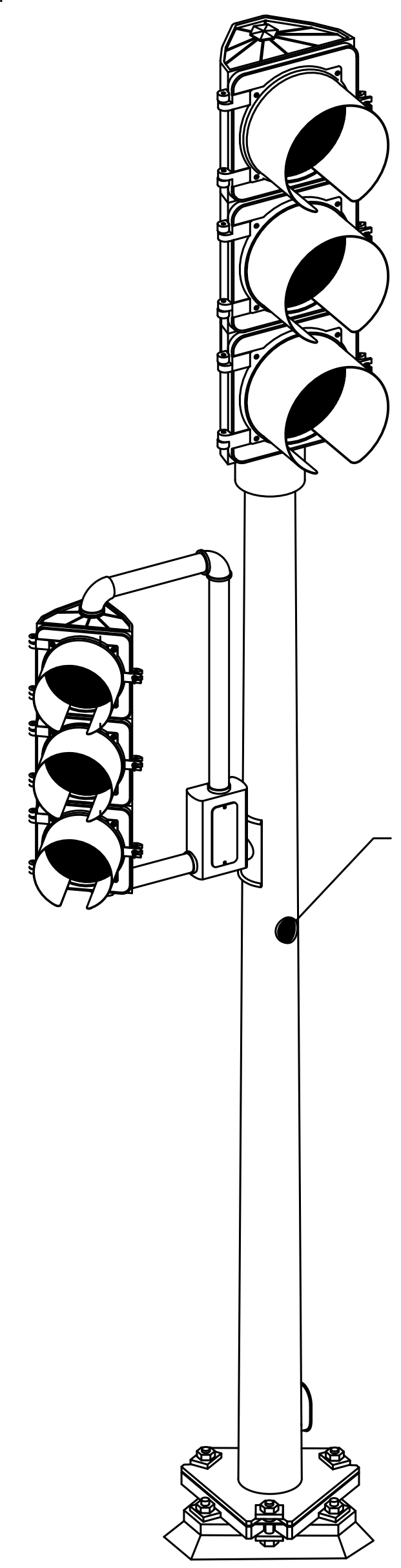
REPAIR PROCEDURE - MAXIMUM HOLE SIZE 3 INCH DIAMETER

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.

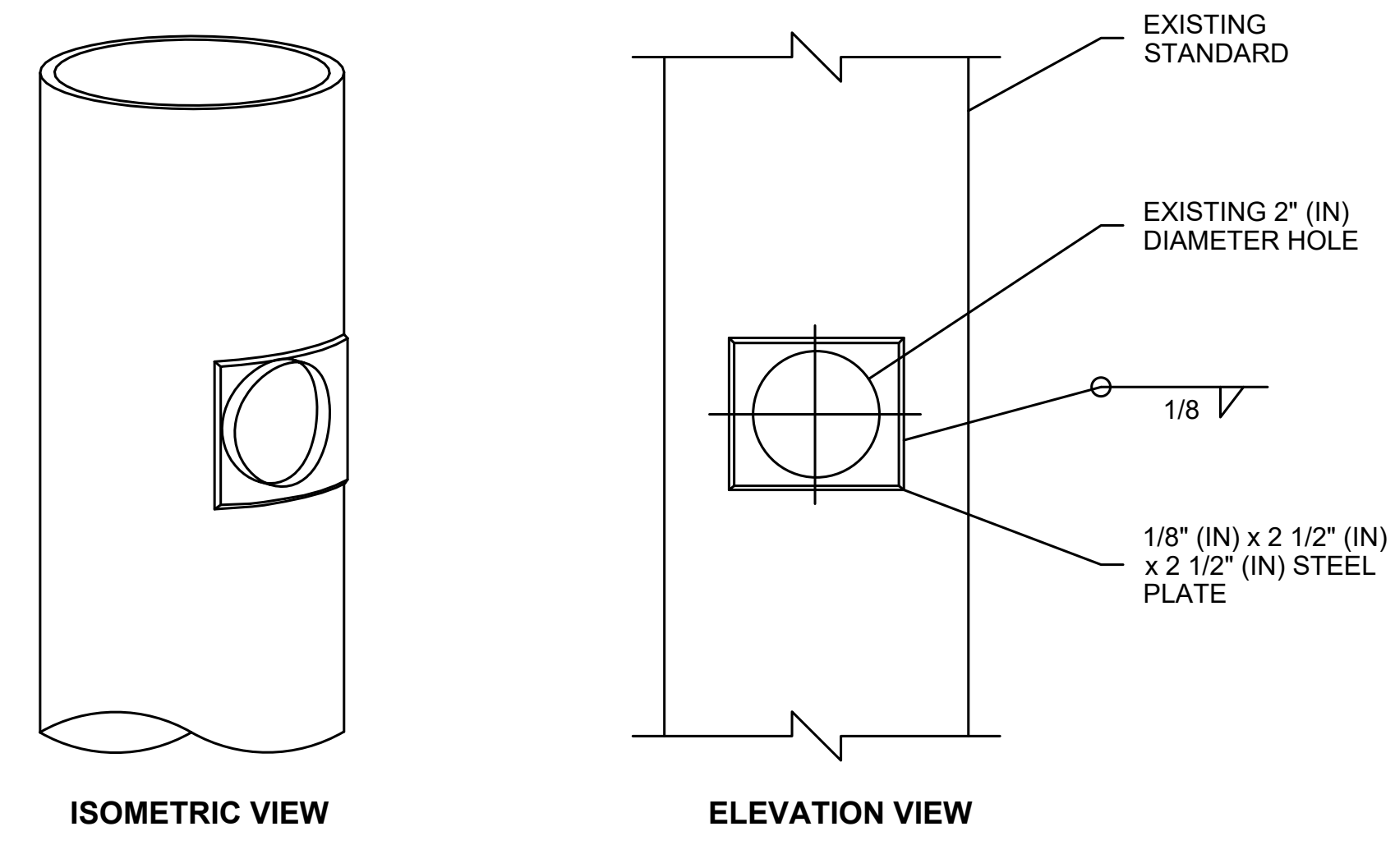


HOLE REPAIR DETAIL
**EXAMPLE OF REPAIR FROM PPB LOCATION ~
1/2" (IN) DIAMETER AND 3/8" (IN) DIAMETER HOLES
SHOWN**

ELEVATION
(TYPE III SIGNAL STANDARD SHOWN)



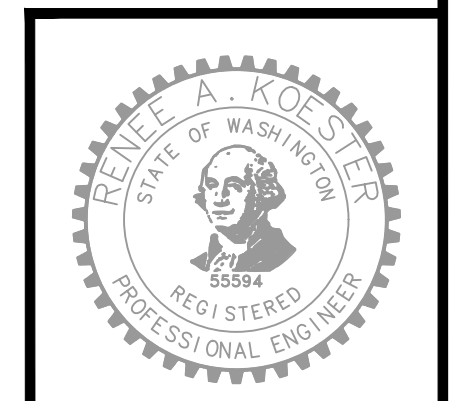
PERSPECTIVE VIEW
(RAMP METER SIGNAL STANDARD WITH SLIP BASE SHOWN)



HOLE REPAIR DETAIL
EXAMPLE WITH 2\" (IN) DIAMTER HOLE SHOWN

1 POLE REPAIR DETAIL
82-83 N.T.S.

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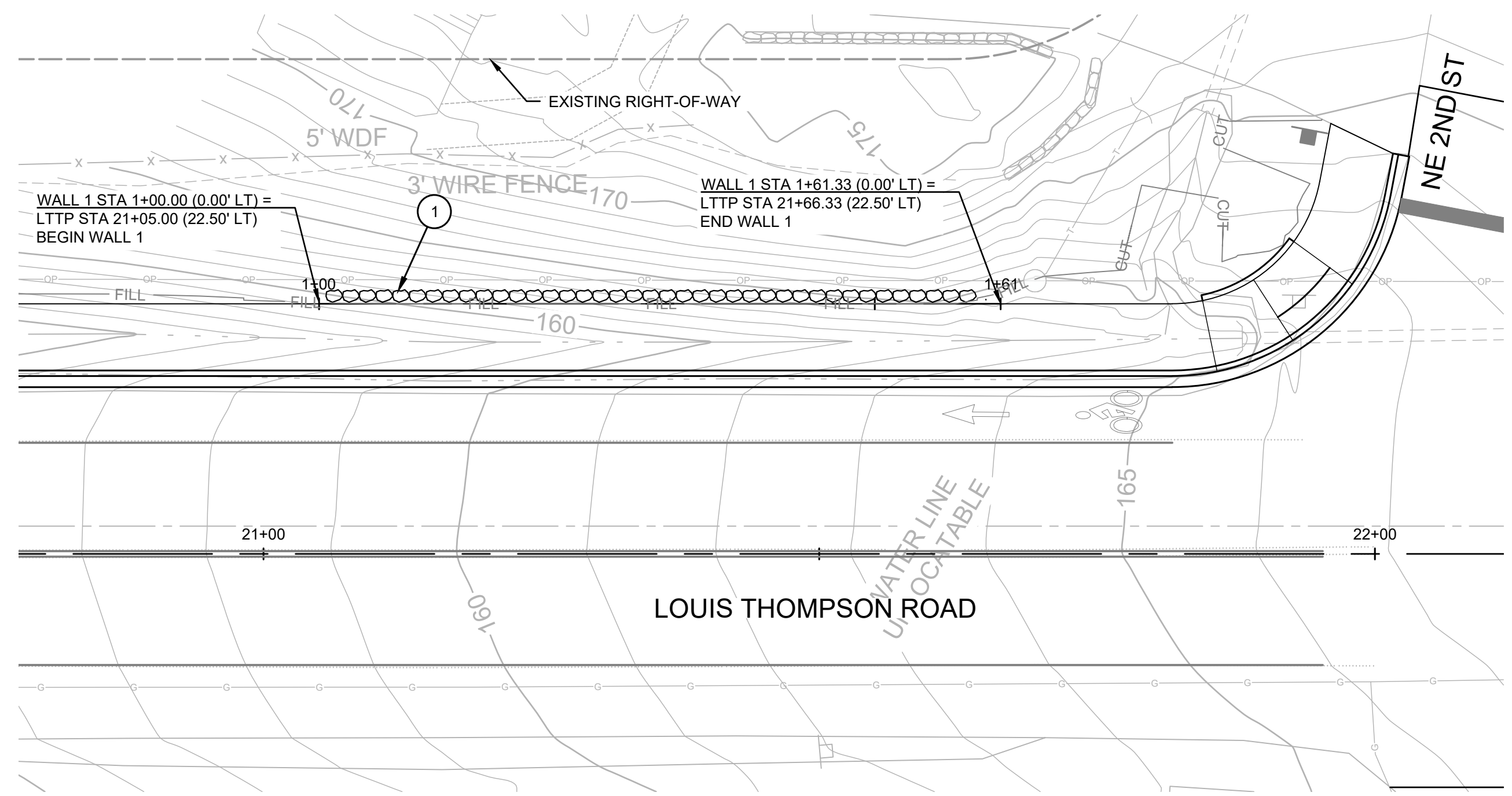


FILE NAME: C:\PIV\OCL\WORKINGDIROS\BORNC\CONSULTING-PW\BENTLEY.COM_OSBORNC\CONSULTING-PW-01\LAURA TURNDIDGE\MS265661P_10-210058_ROAD_SIGNAL.DWG
PLOT TIME: 1/28/2024 12:49 PM
USER NAME: LAURA TURNDIDGE

DESIGNED BY RAKO	Osborn Consulting	DAVID EVANS AND ASSOCIATES INC.	NO.	DATE	REVISION	BY	
DRAWN BY RAKO							
CHECKED BY SBS							

LOUIS THOMPSON ROAD TIGHTLINE PROJECT CITY OF SAMMAMISH SIGNAL DETAILS	JOB# / DWG 10-210058	DATE 01/29/2024
	SCALE H: N/A V: N/A	SG04
	SHEET 86 of 102	

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_WALL.DWG
 PLOT TIME: 1/26/2024 12:49 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

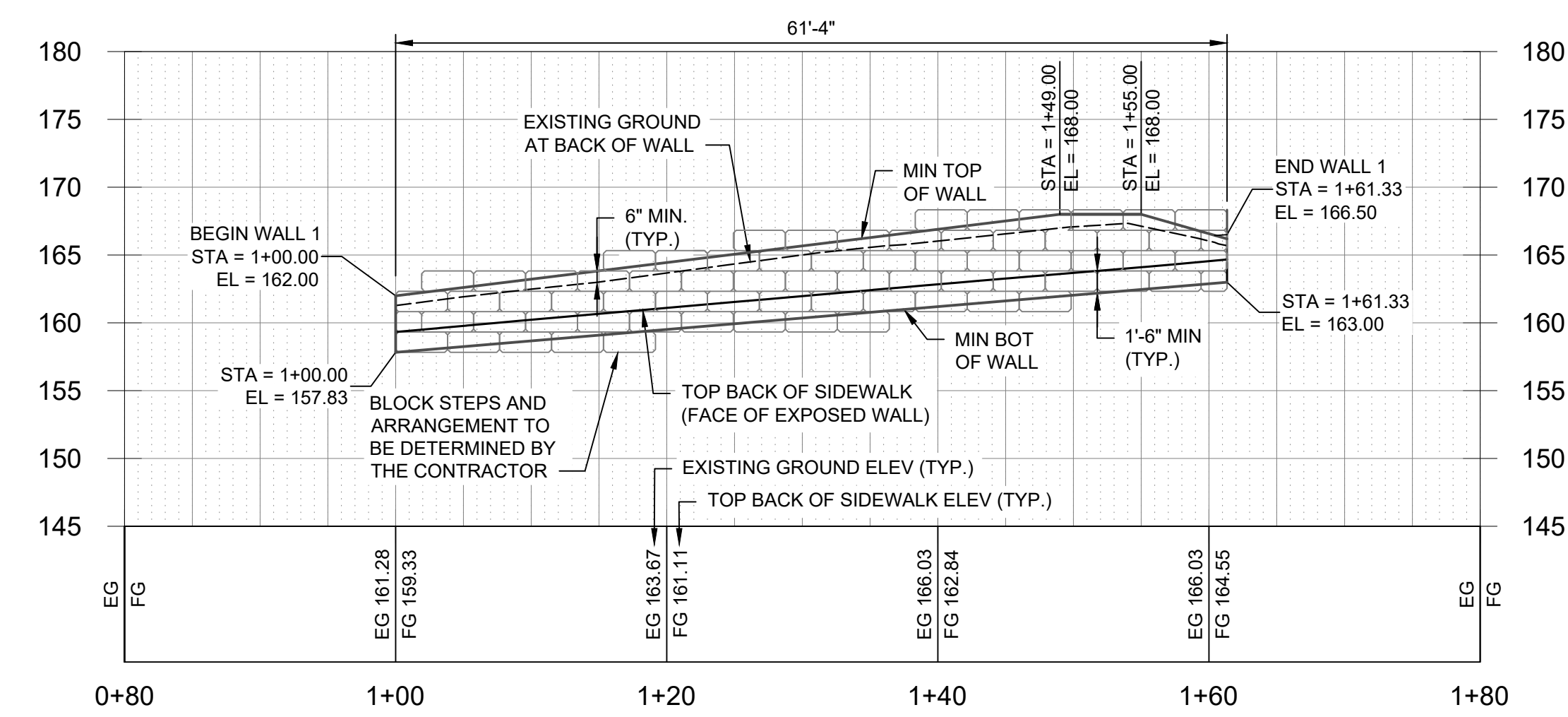
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

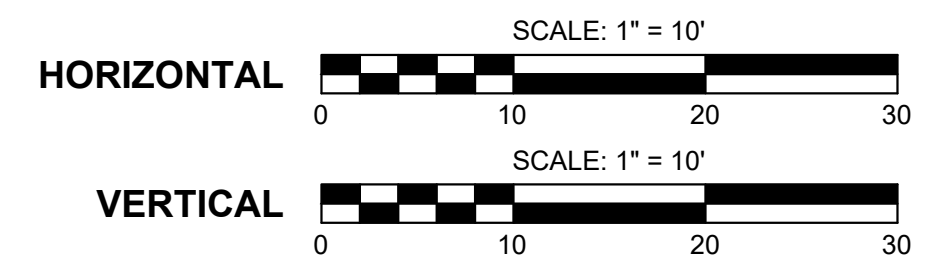
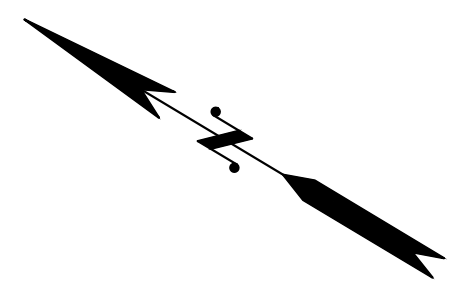
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL



WALL 1 PROFILE



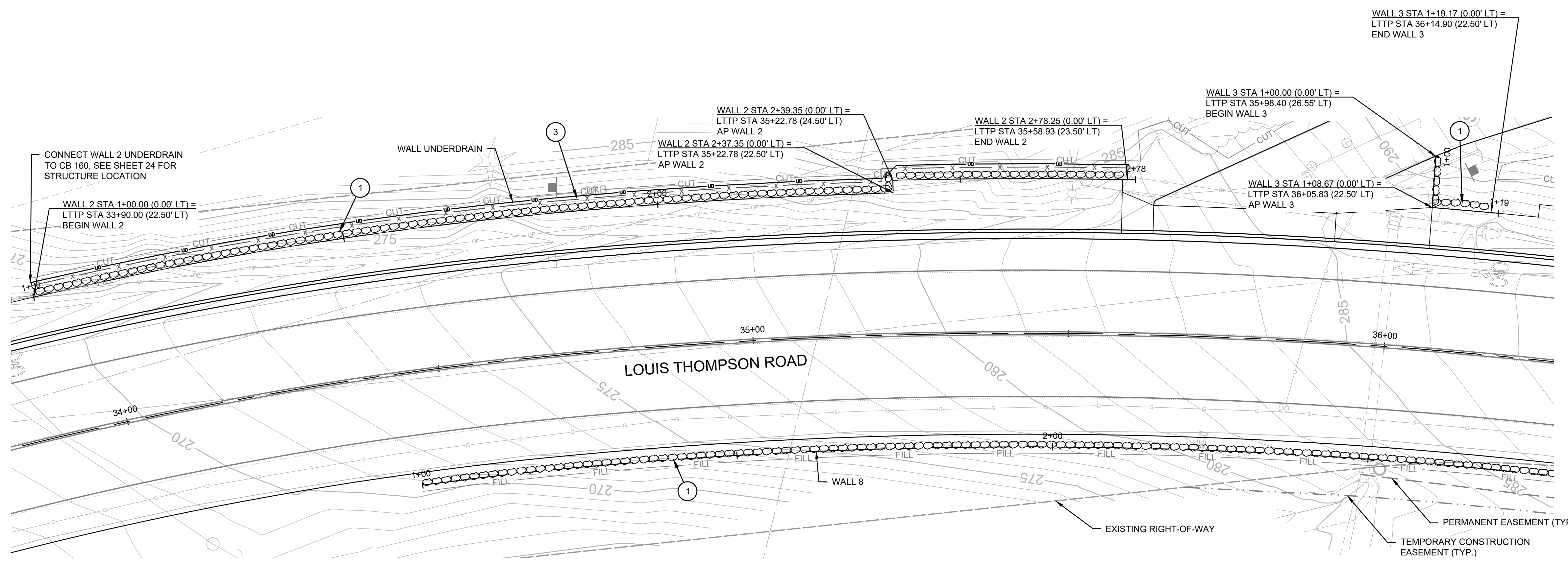
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					WALL PLAN AND PROFILE		SCALE H: 1"=10' V: 1"=10'	WL01 SHEET 87 of 102

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_WALL.DWG
 PLOT TIME: 1/26/2024 12:50 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

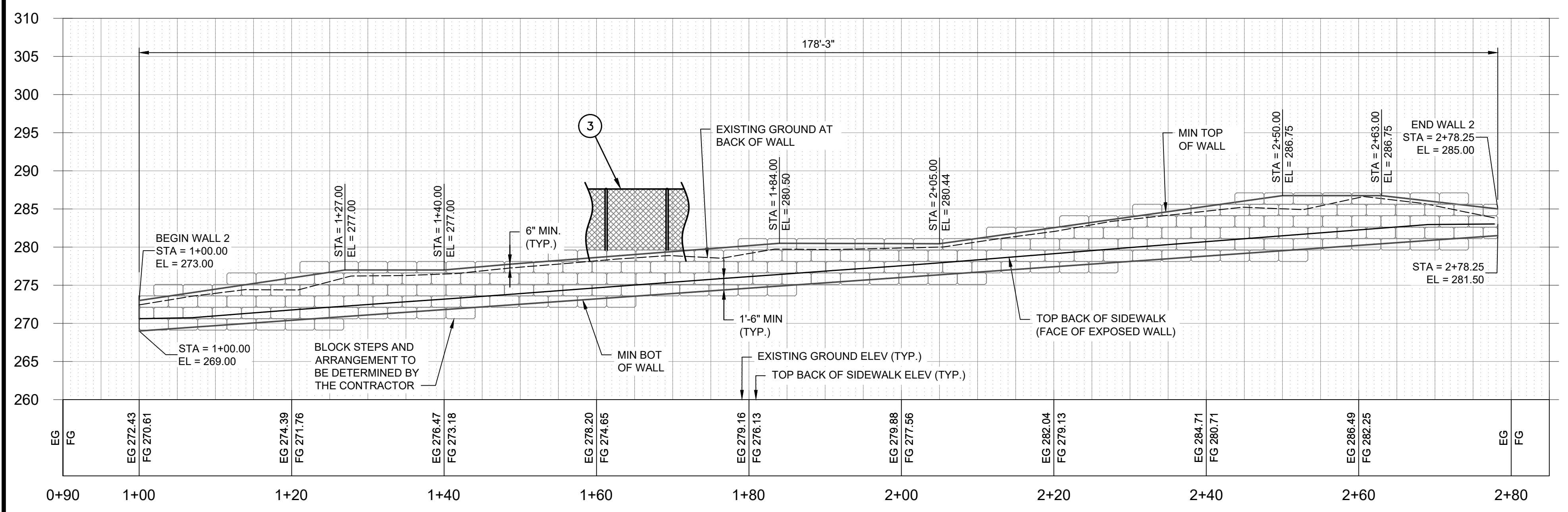
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

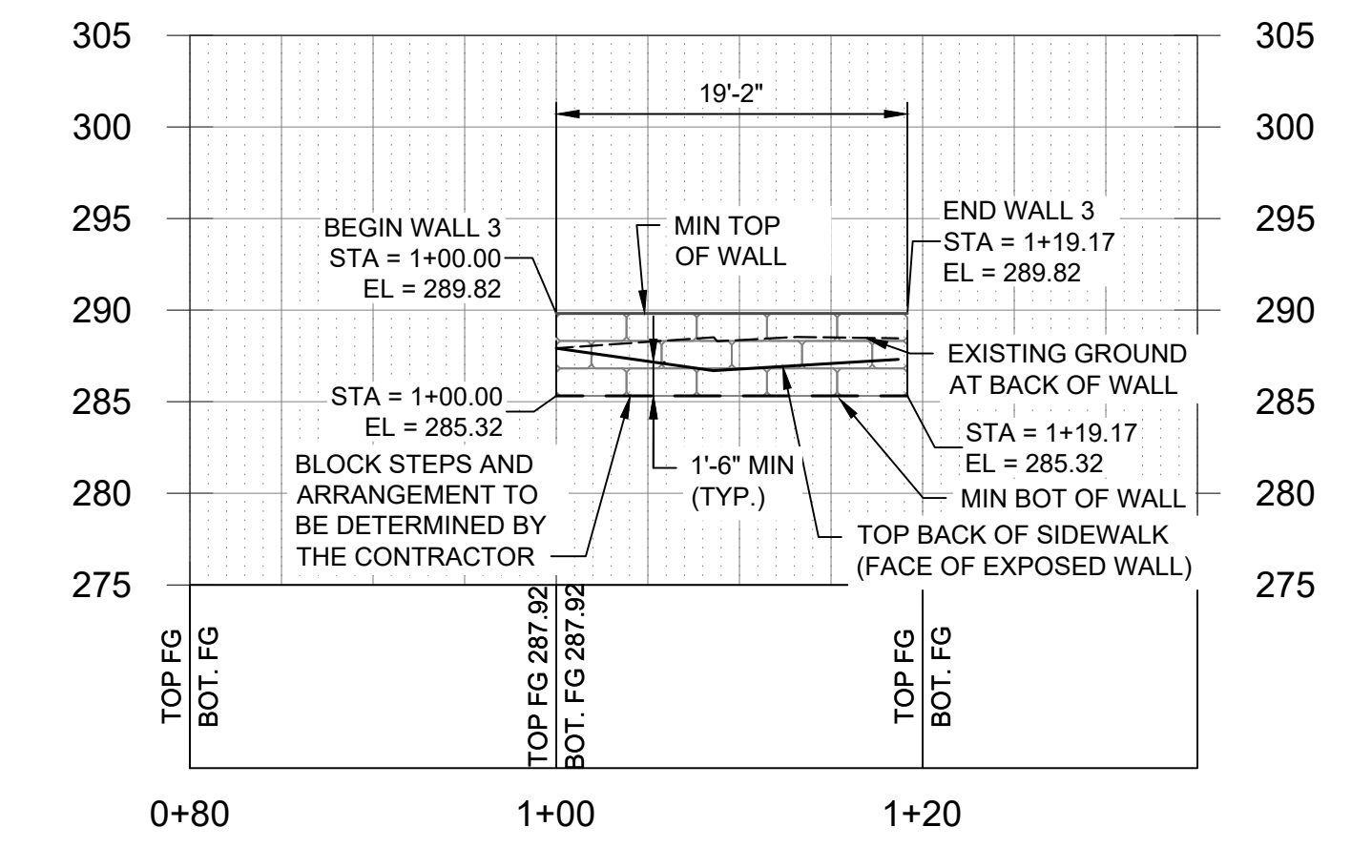
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

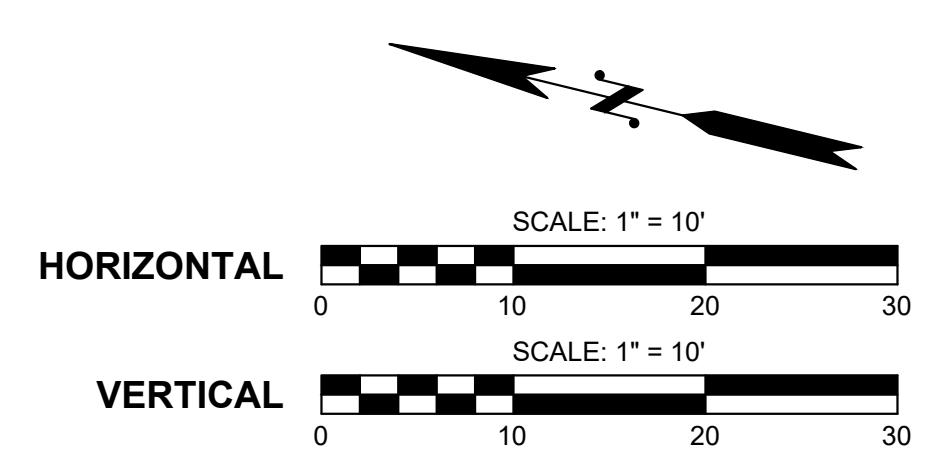
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL



WALL 2 PROFILE



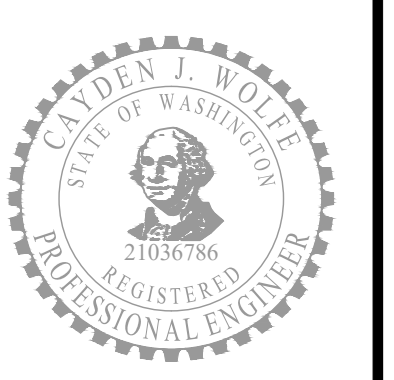
WALL 3 PROFILE



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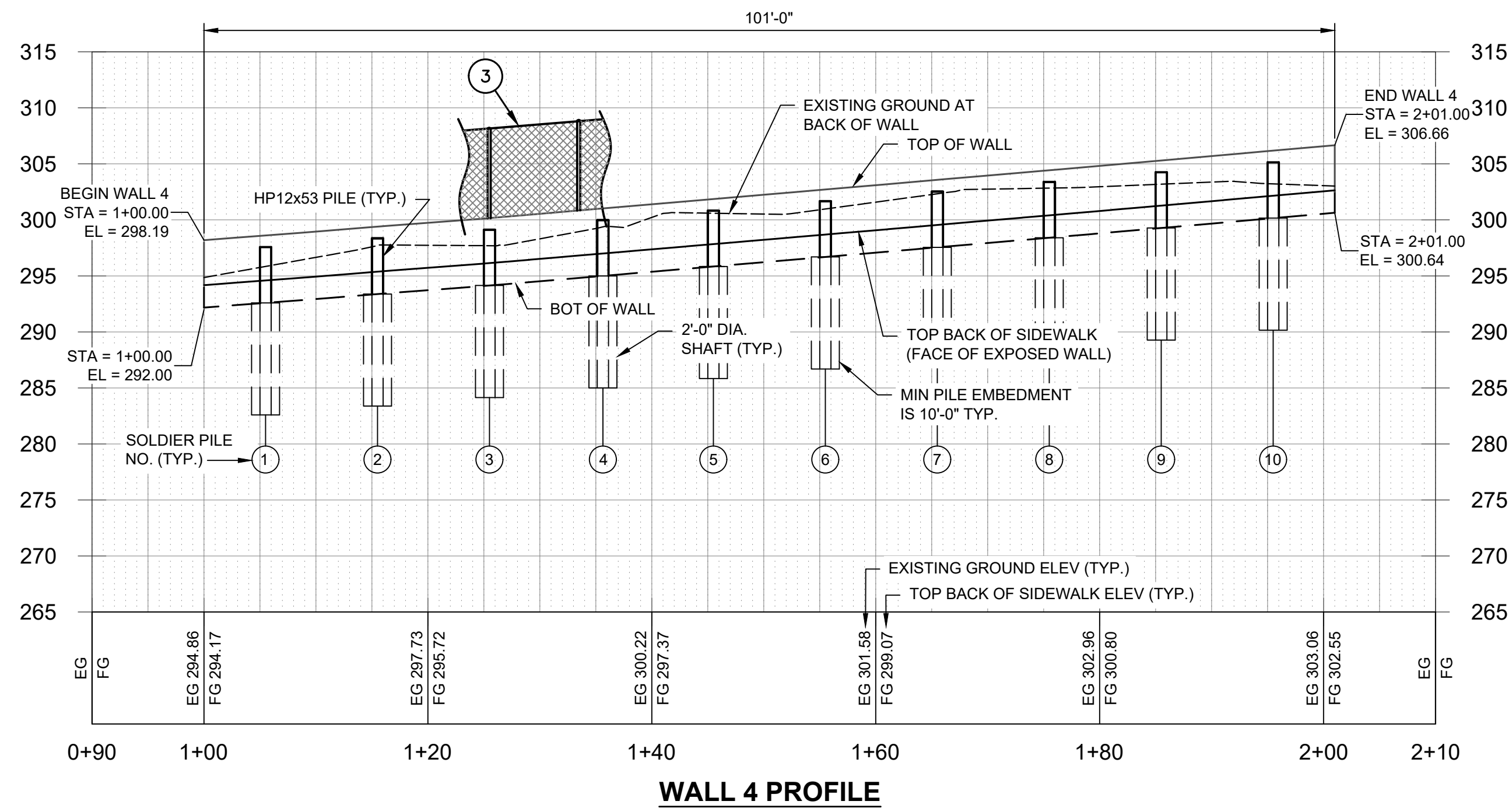
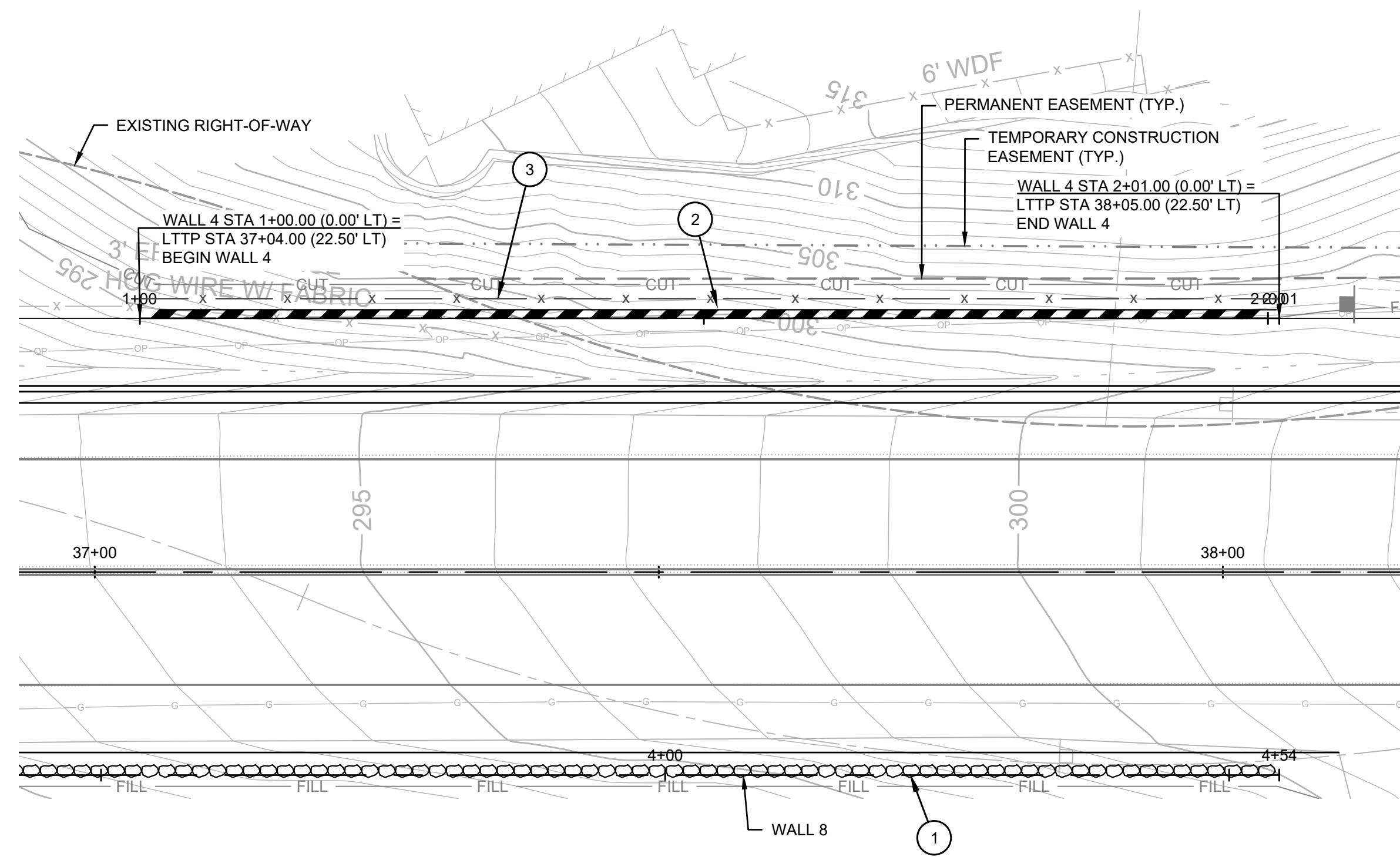


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			SCALE H: 1"=10' V: 1"=10'		WALL 02			SHEET 88 of 102			

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCONSULTING-PW\BENTLEY.COM\OSBORNCONSULTING-PW\01LAURA TURNIDGE\MS265661P_10-210058_WALL.DWG
 PLOT TIME: 1/26/2024 12:50 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

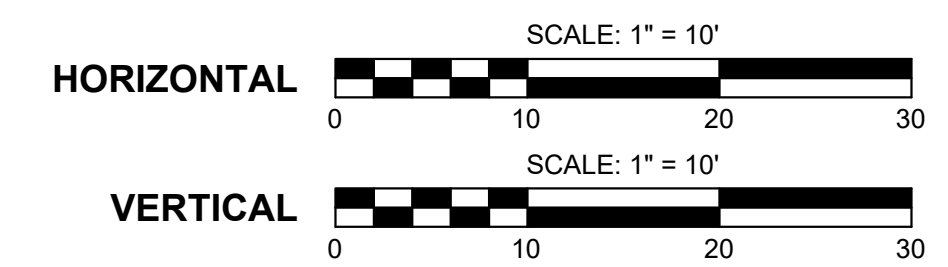
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
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- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

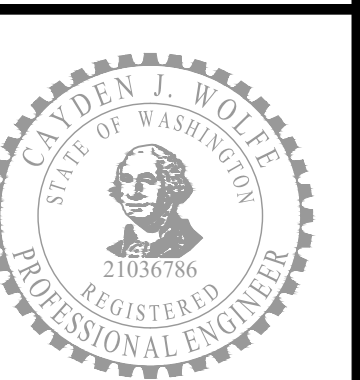
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL



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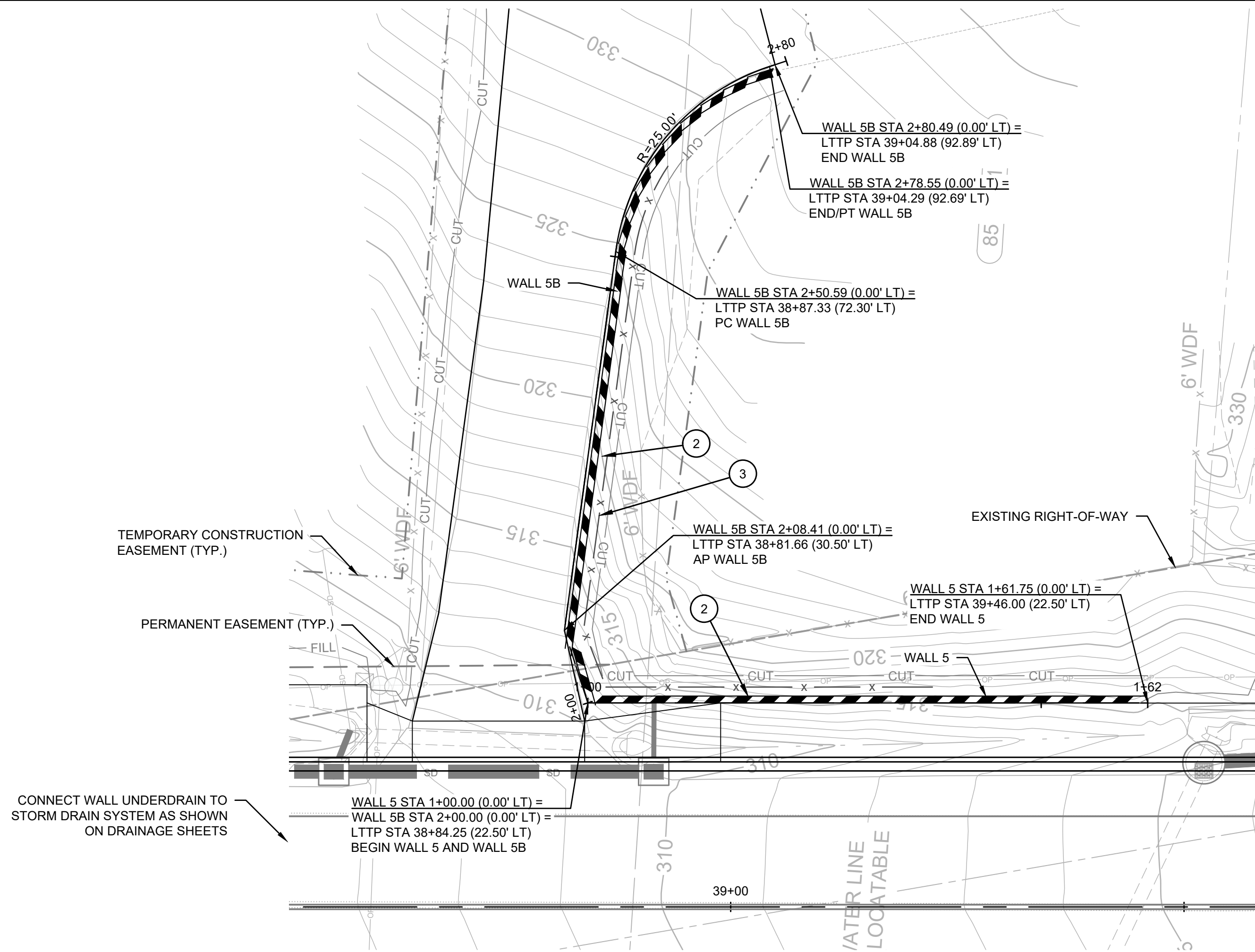
NO.	DATE	REVISION	BY



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

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=10' V: 1"=10'	WL03 SHEET 89 of 102

FILE NAME: C:\PIV\OCL\WORKING\DIORSBORNCORNSCONSULTING-PW-BENTLEY.COM\OSBORNCORNSCONSULTING-PW-01\LAURA TURNIDGE\MS265661P_10-210058_WALL.DWG
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 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

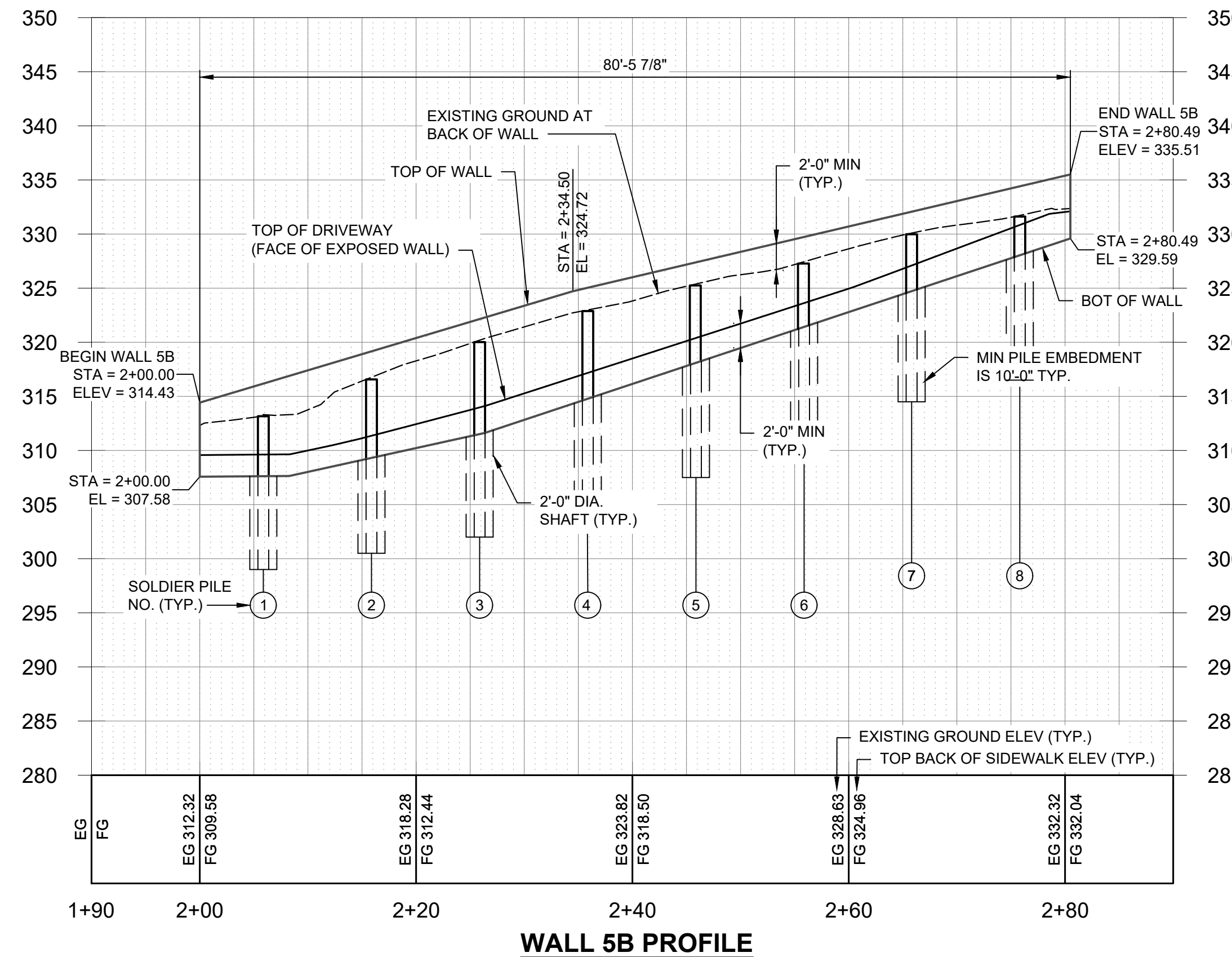
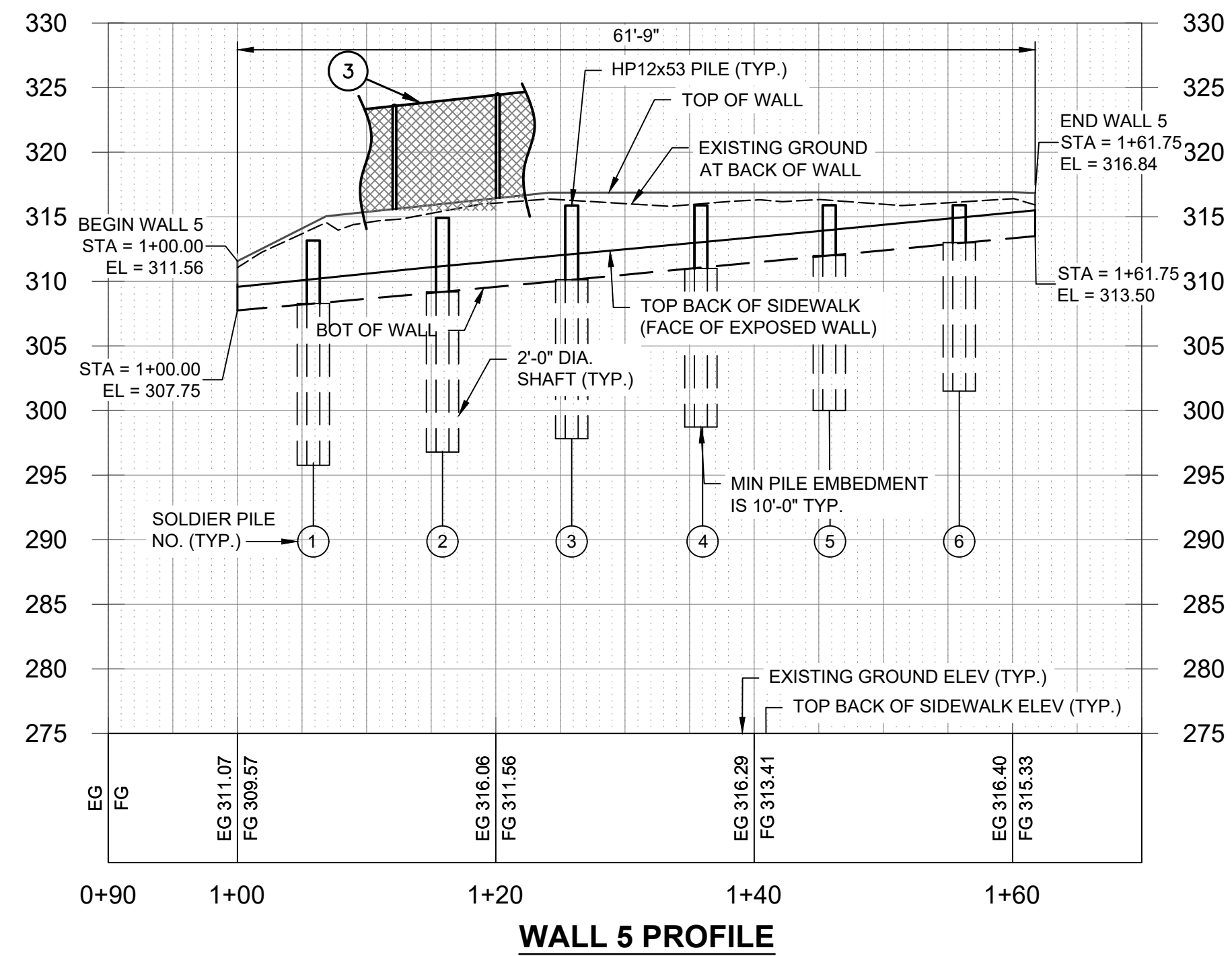
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL

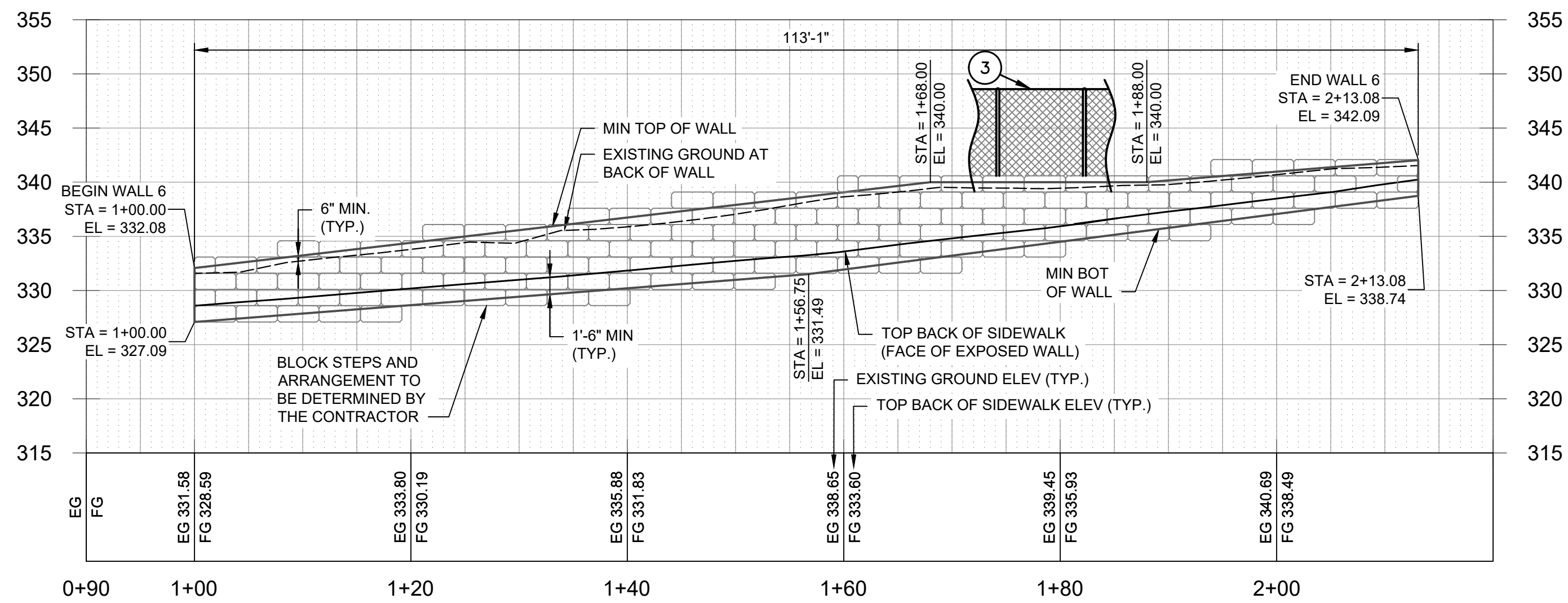
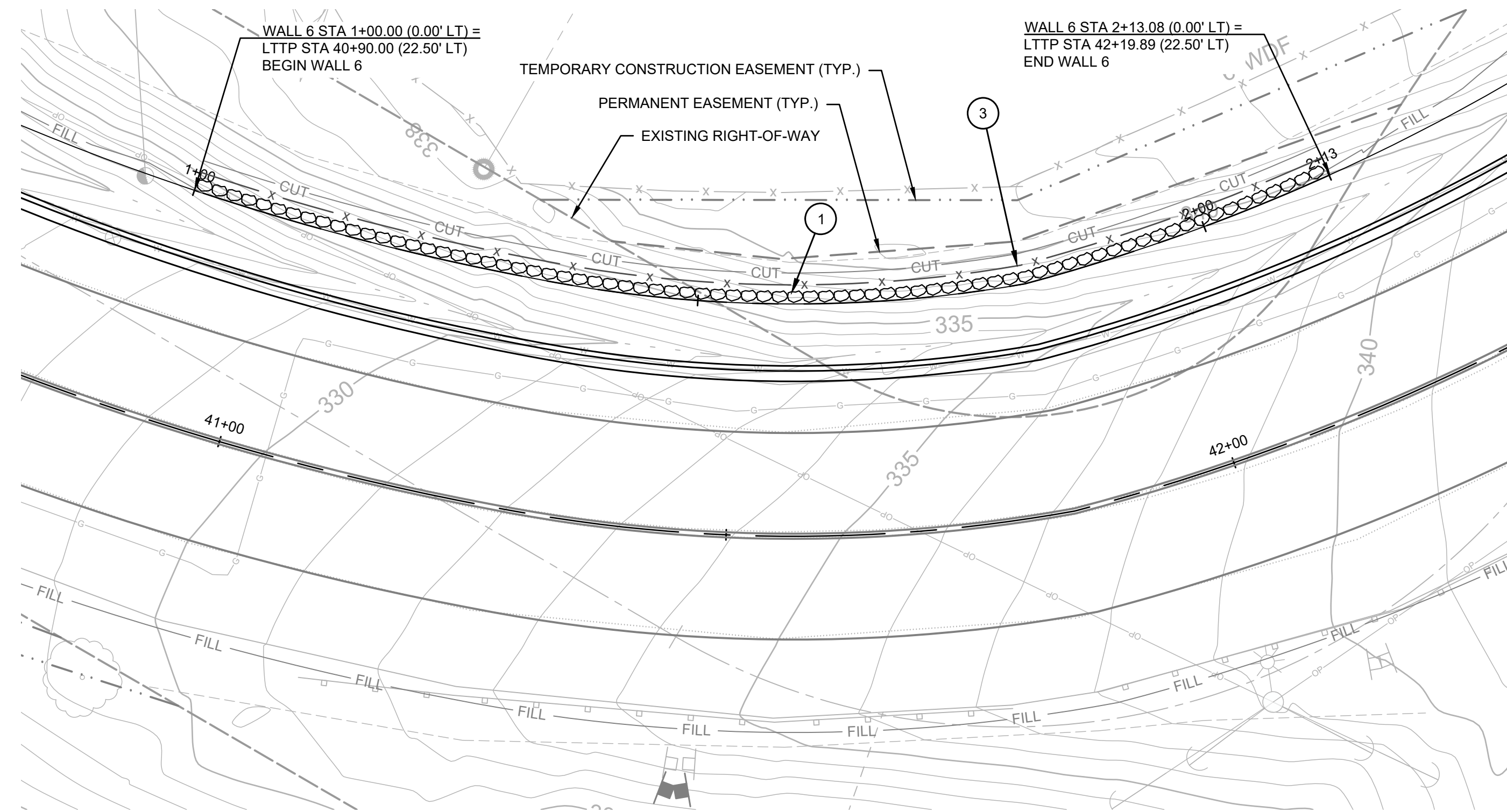


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HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 10'

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 PLOT TIME: 1/26/2024 12:50 PM
 USER NAME: LAURA TURNDIGE



WALL 6 PROFILE


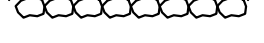

GENERAL NOTES:

- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

-  SOLDIER PILE RETAINING WALL
-  GRAVITY BLOCK RETAINING WALL
-  'L' SHAPED CIP WALL



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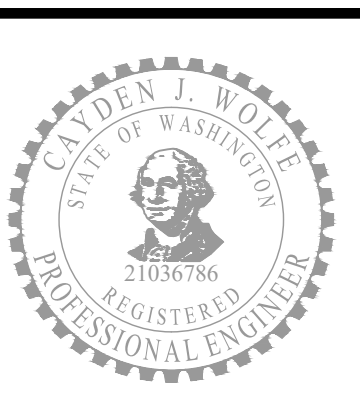
NO.	DATE	REVISION	BY



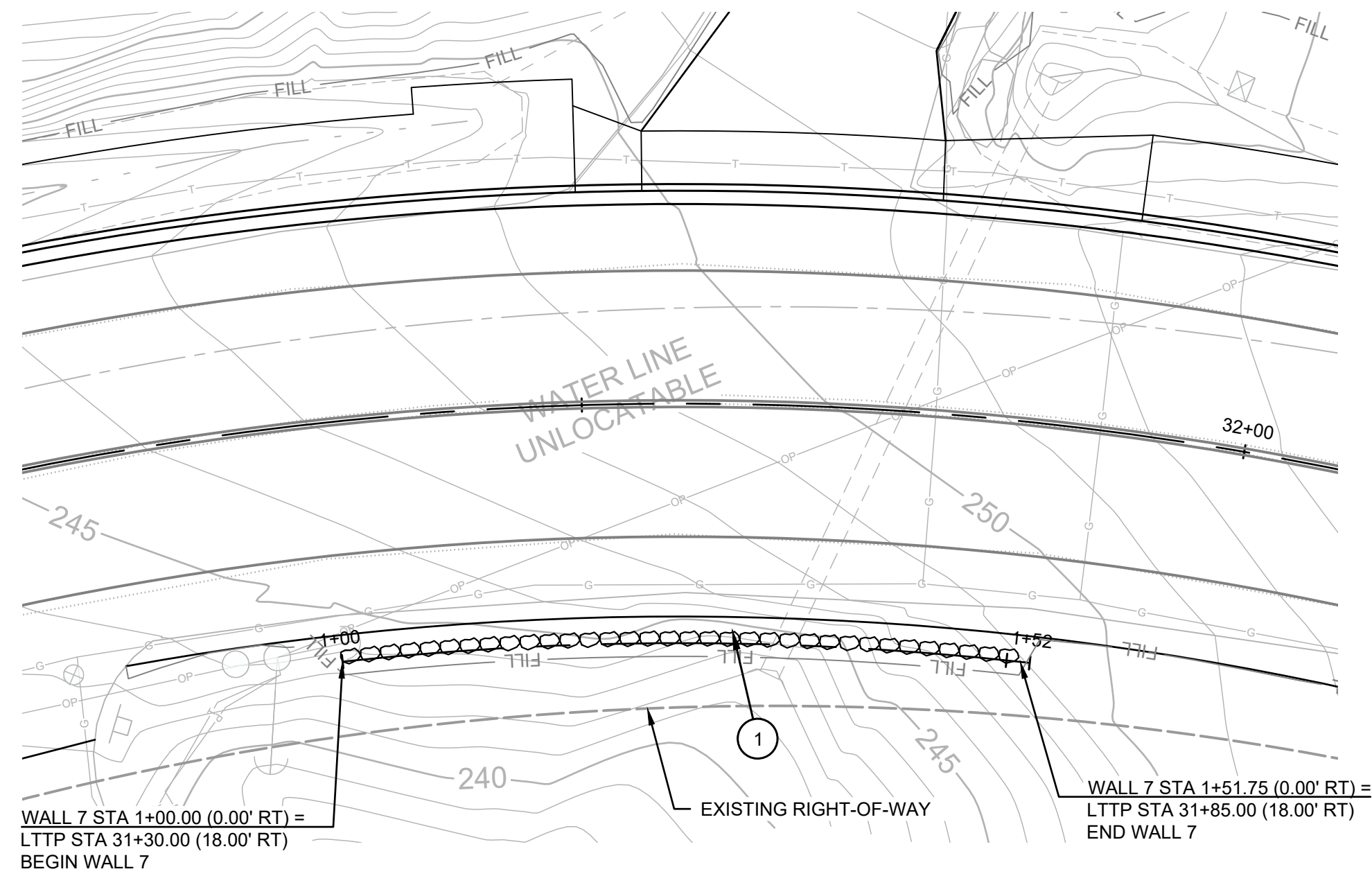
LOUIS THOMPSON ROAD TIGHTLINE PROJECT
 CITY OF SAMMAMISH

WALL PLAN AND PROFILE

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=10' V: 1"=10'	WL05 SHEET 91 of 102



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 PLOT TIME: 1/26/2024 12:50 PM
 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

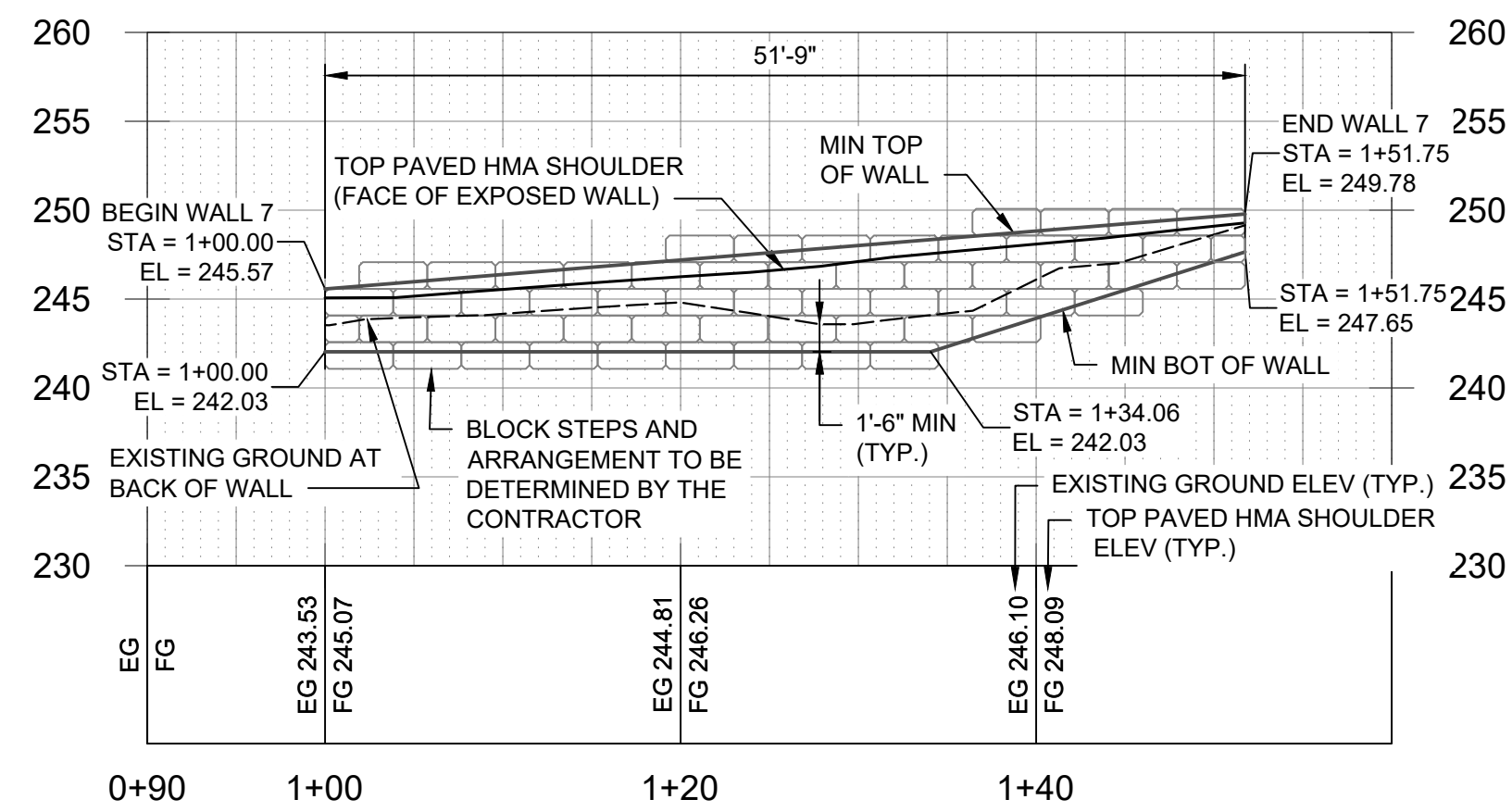
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

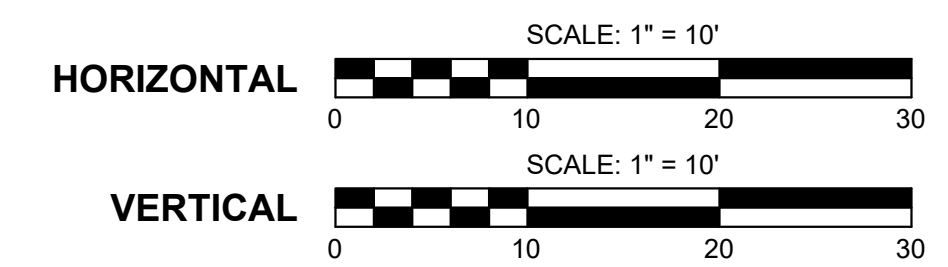
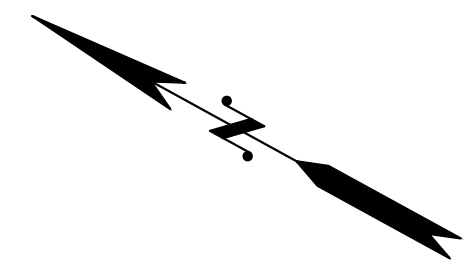
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL



WALL 7 PROFILE



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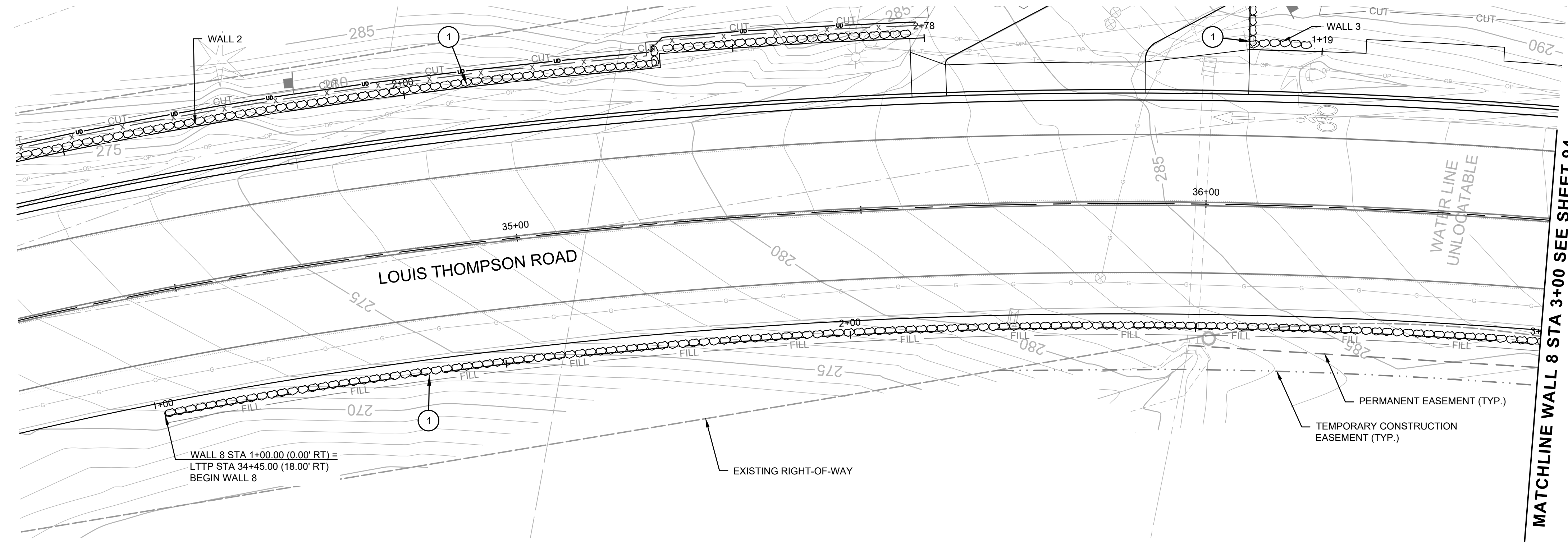
NO.	DATE	REVISION	BY



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

JOB# / DWG 10-210058	DATE 01/29/2024
SCALE H: 1"=10' V: 1"=10'	WL06 SHEET 92 of 102

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 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

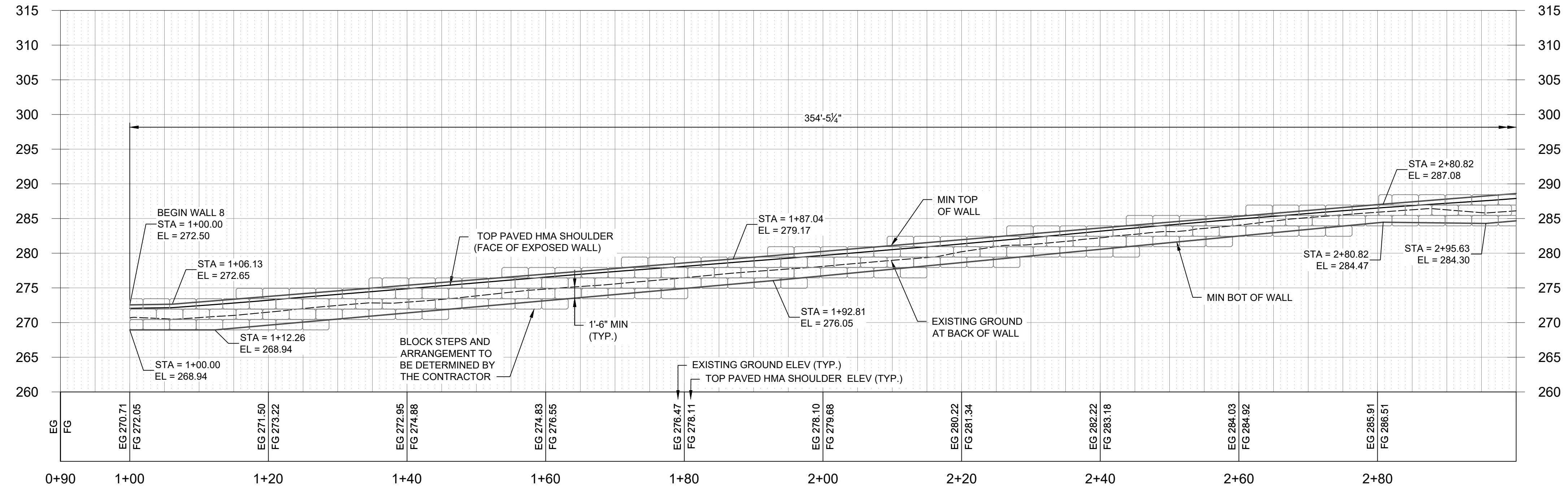
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

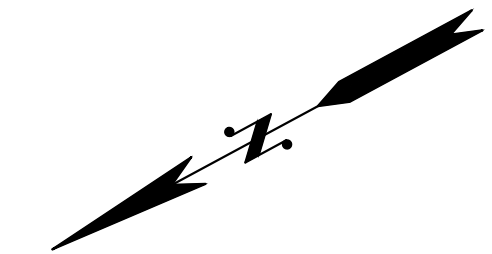
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

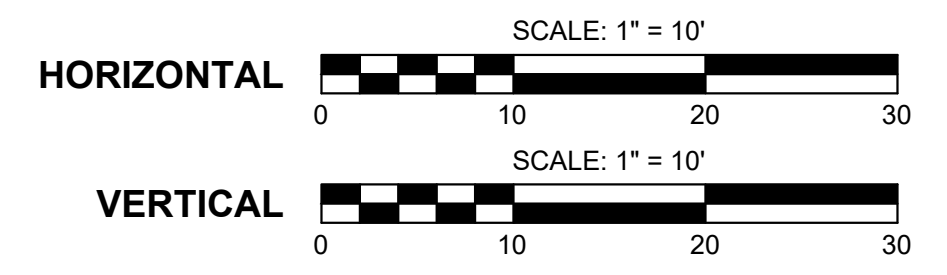
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL



WALL 8 PROFILE



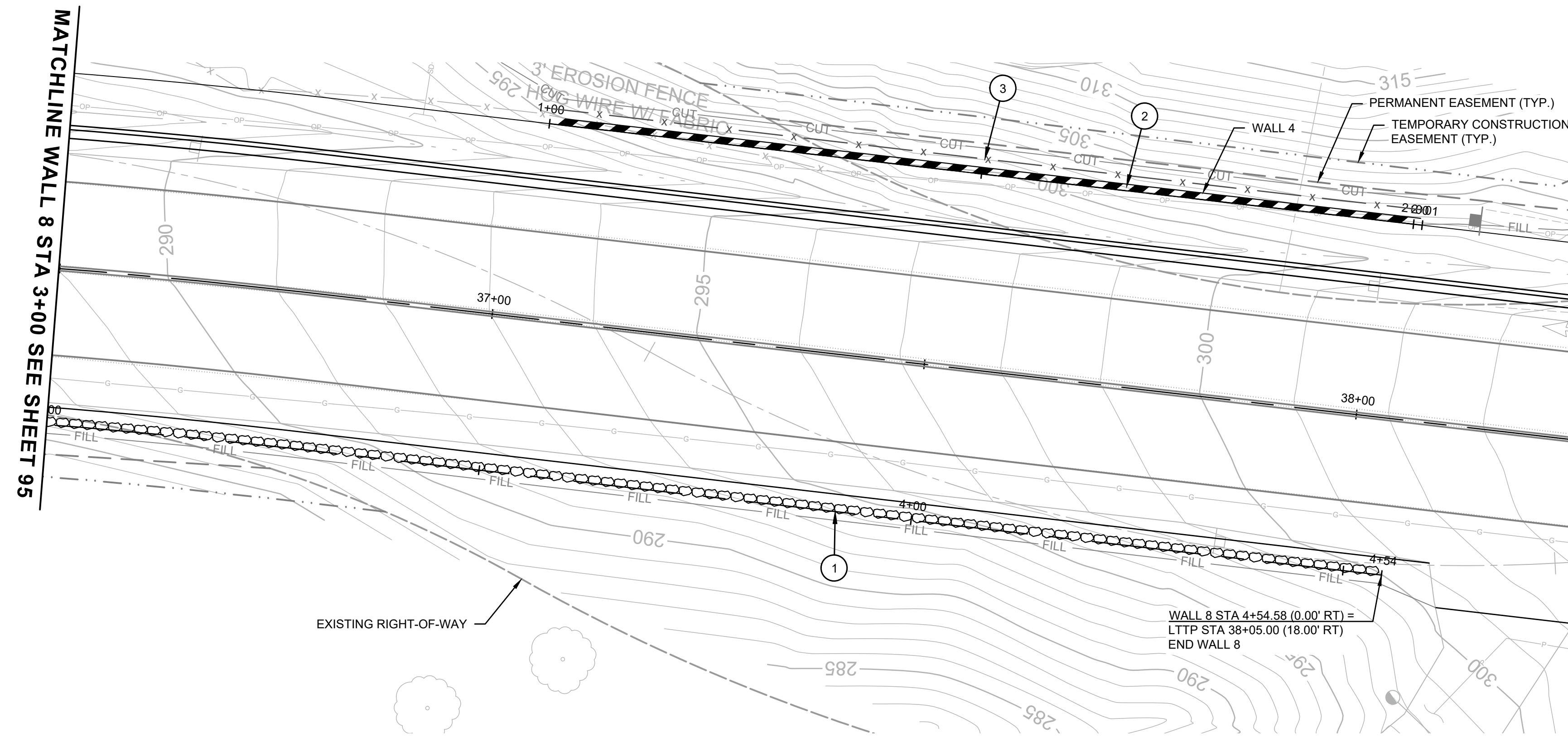
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FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCORNCONSULTING-PW-BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_WALL.DWG
 PLOT TIME: 1/26/2024 12:51 PM
 USER NAME: LAURA TURNDIGE




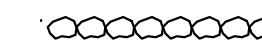

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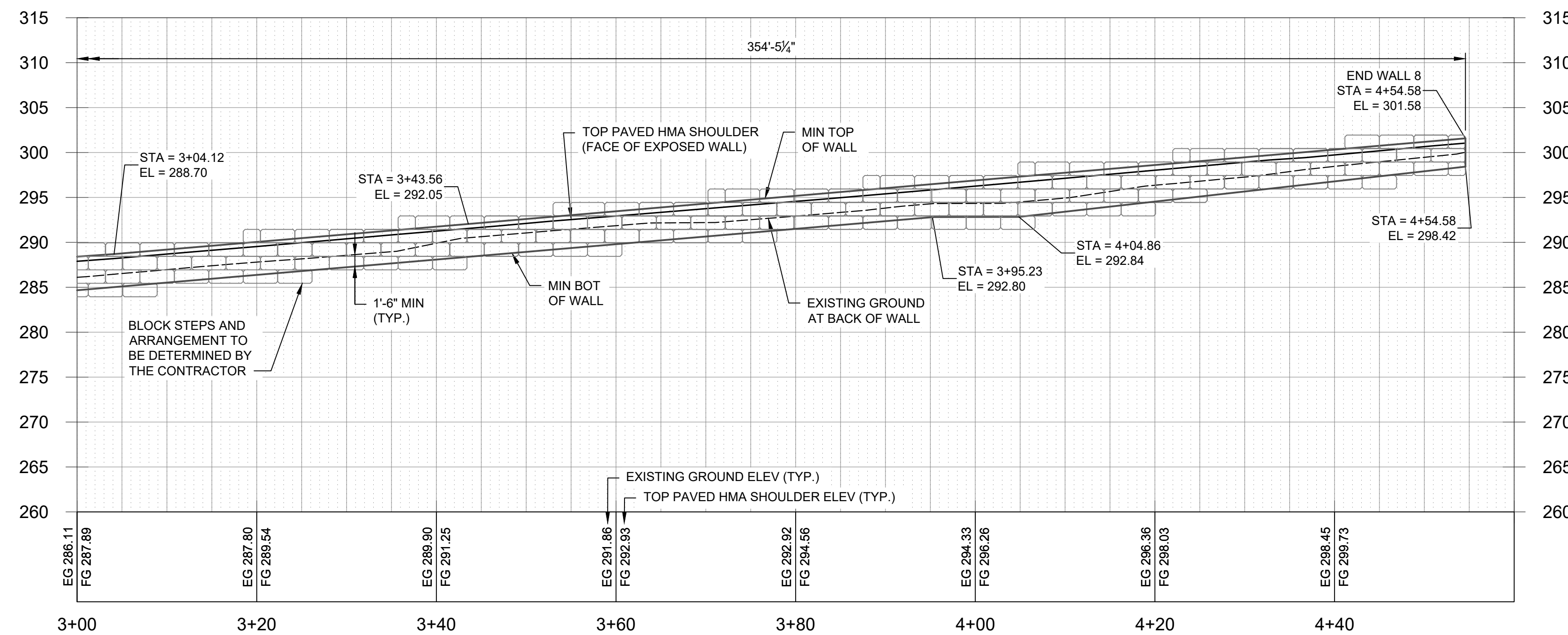
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

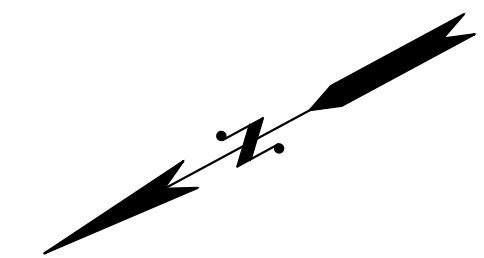
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

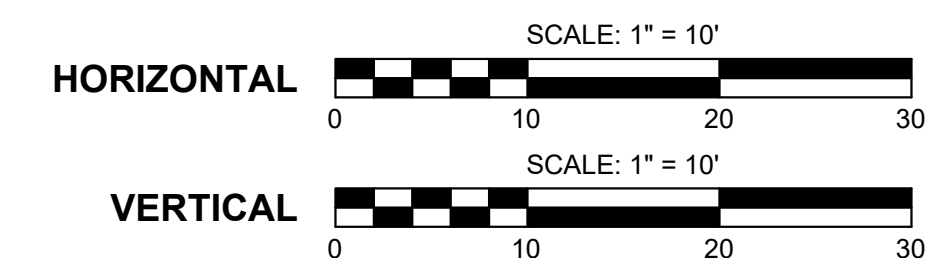
-  SOLDIER PILE RETAINING WALL
-  GRAVITY BLOCK RETAINING WALL
-  'L' SHAPED CIP WALL



WALL 8 PROFILE





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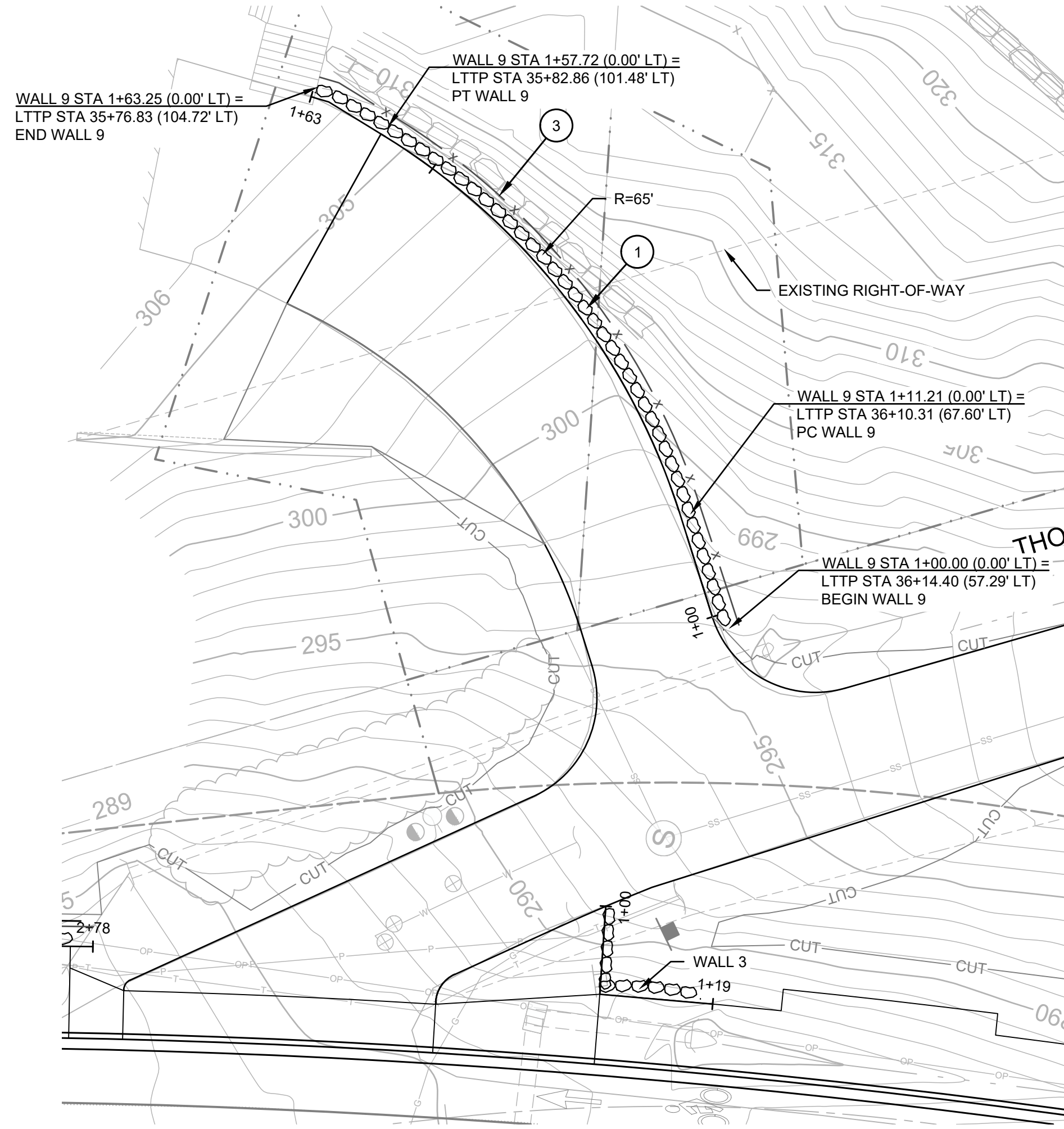


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DRAWN BY DJAL								CITY OF SAMMAMISH		SCALE H: 1"=10' V: 1"=10'	WL08
CHECKED BY EJF								WALL PLAN AND PROFILE		SHEET 94 of 102	

FILE NAME: C:\PIV\OCL\WORKINGDIROSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNDIGE\DWG\10-210058_WALL.DWG
 PLOT TIME: 1/26/2024 12:51 PM
 USER NAME: LAURA TURNDIGE



GENERAL NOTES:

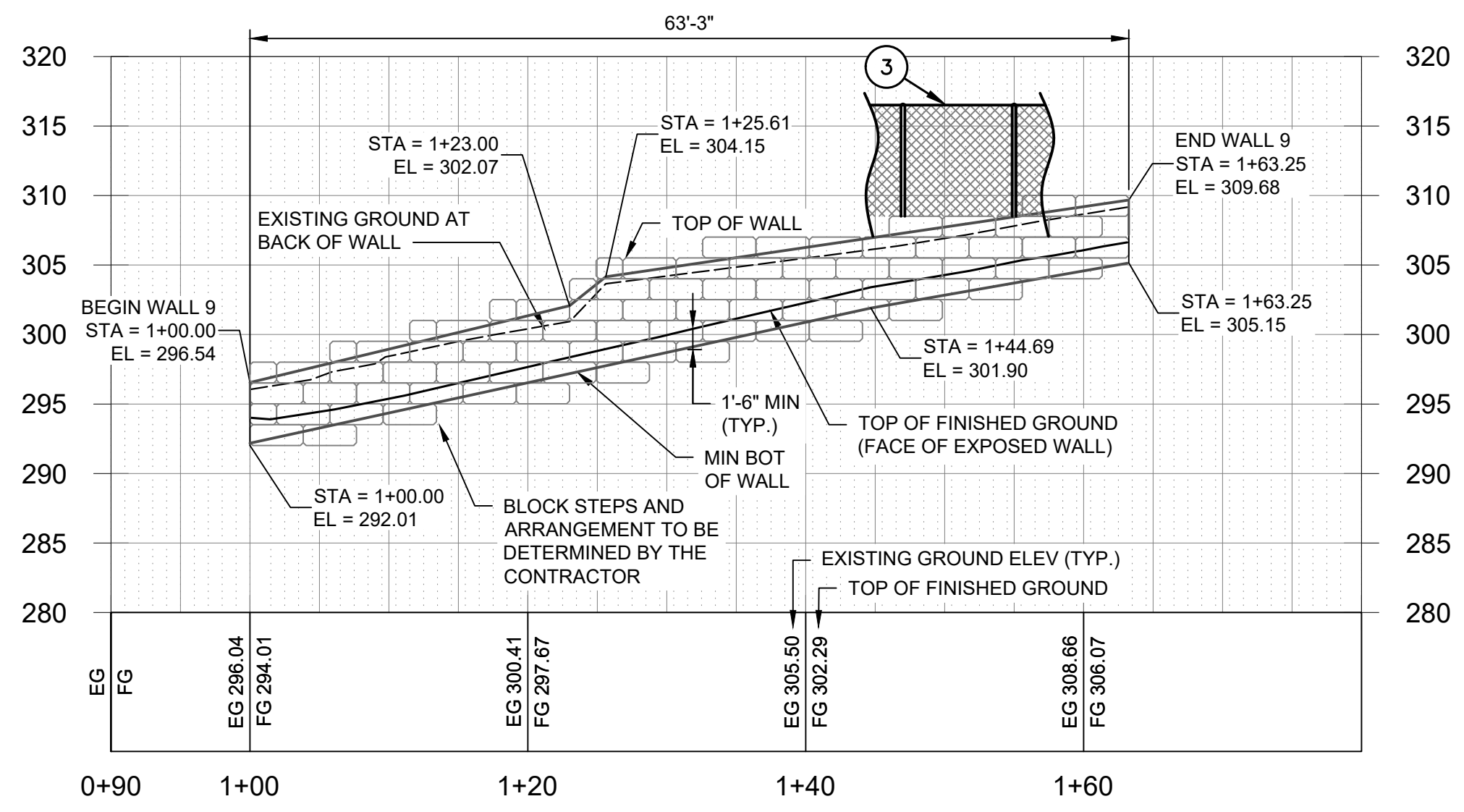
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

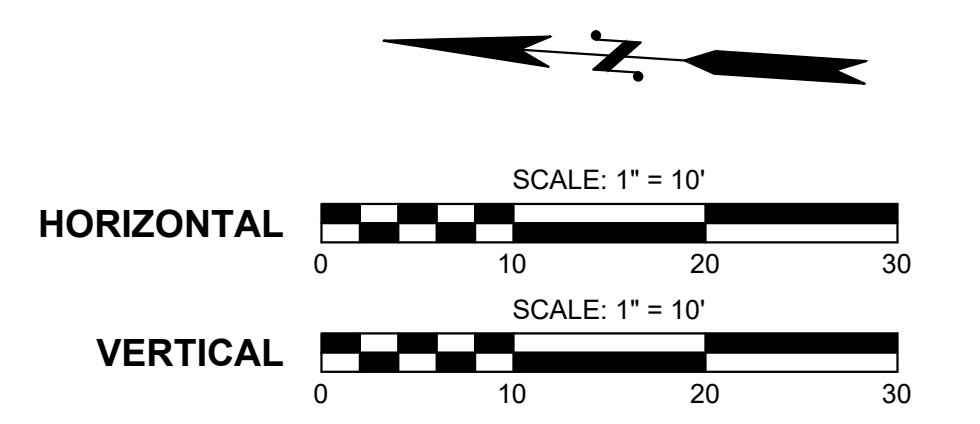
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

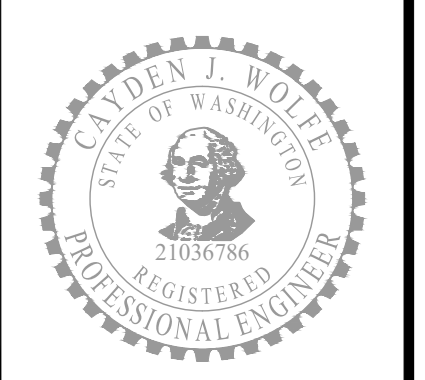
- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL



WALL 9 PROFILE (24 THOMPSON HILL RD SE)



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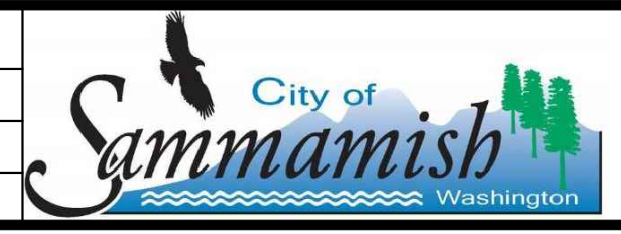


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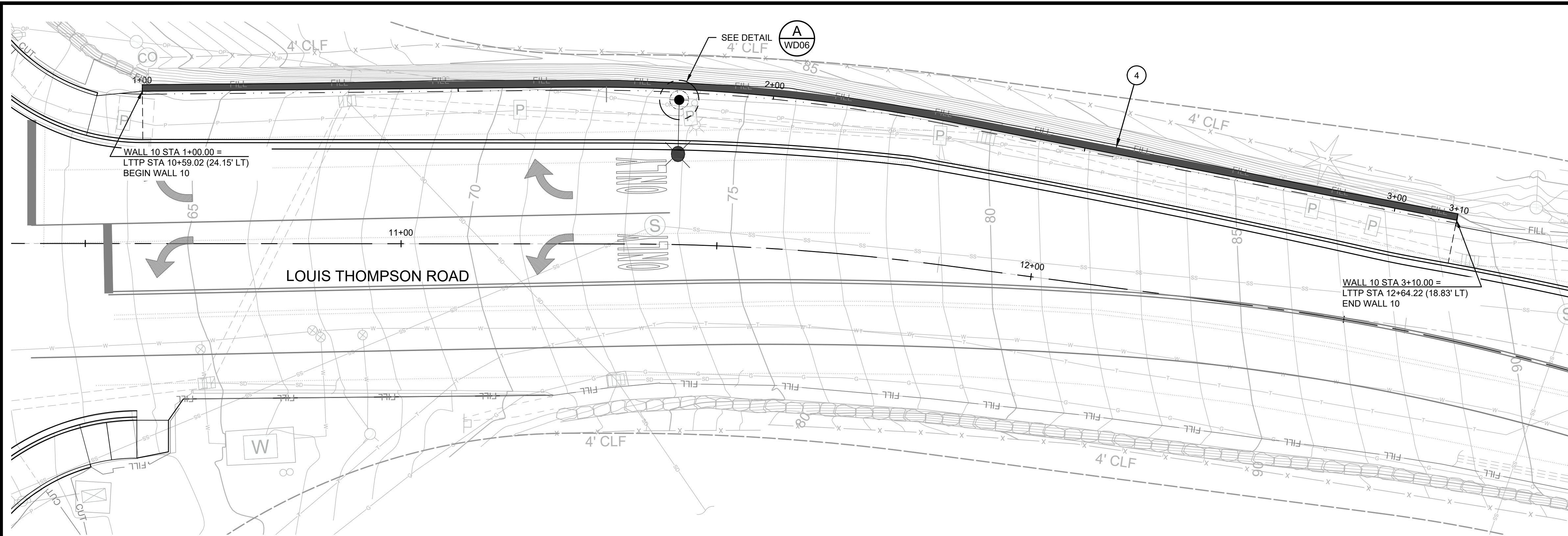
DAVID EVANS AND ASSOCIATES INC.



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=10' V: 1"=10'	WL09	SHEET 95 of 102

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 USER NAME: LAURA TURNIDGE



GENERAL NOTES:

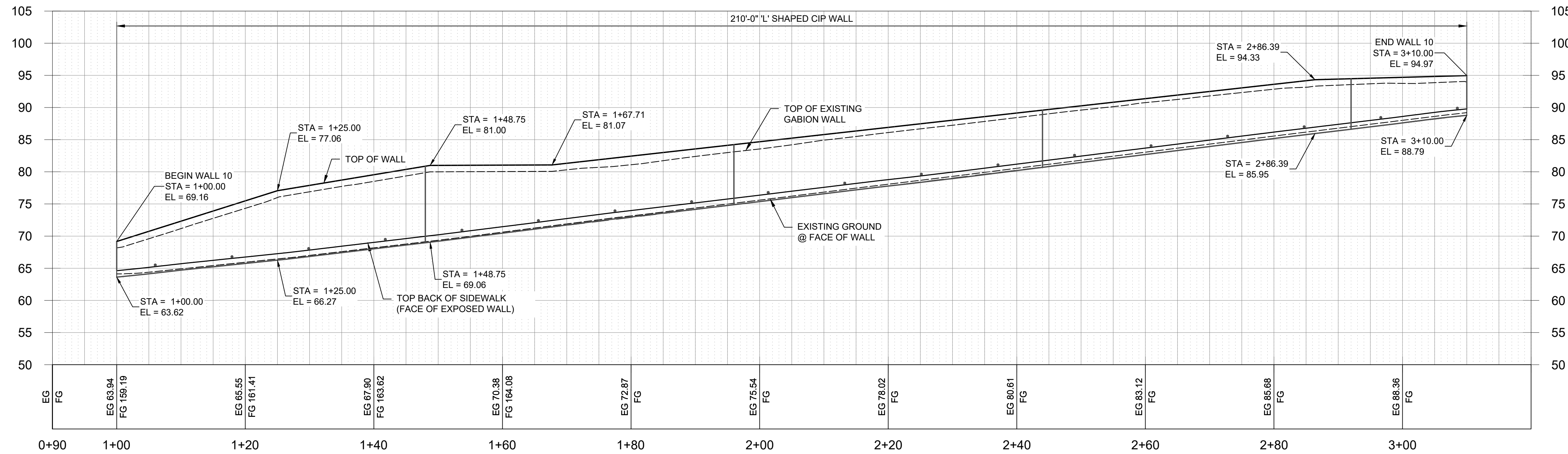
- SEE SHEETS 4 TO 6 FOR HORIZONTAL ALIGNMENT AND SURVEY CONTROL PLAN.
- SEE SHEET 45 FOR TYPICAL ROADWAY SECTIONS.

CONSTRUCTION NOTES:

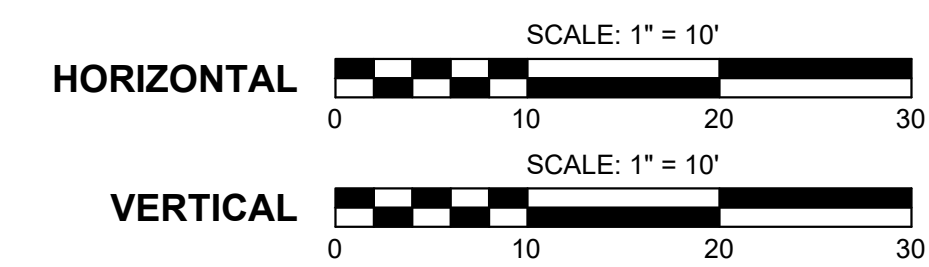
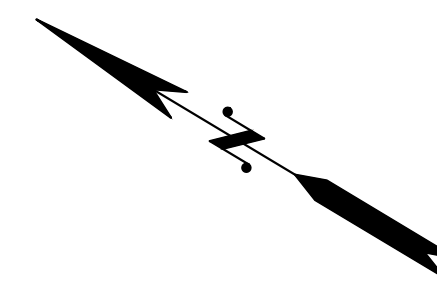
- CONSTRUCT GRAVITY BLOCK RETAINING WALL PER DETAIL ON SHEET 101.
- CONSTRUCT SOLDIER PILE RETAINING WALL PER DETAIL ON SHEET 99.
- CONSTRUCT COATED CHAIN LINK FENCE. SEE NON-MOTORIZED IMPROVEMENT PLAN ON SHEETS 46 TO 55.
- CONSTRUCT 'L' SHAPED CIP WALL PER DETAILS ON SHEET 102.

LEGEND

- SOLDIER PILE RETAINING WALL
- GRAVITY BLOCK RETAINING WALL
- 'L' SHAPED CIP WALL



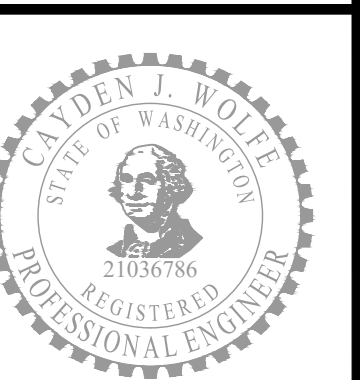
WALL 10 PROFILE



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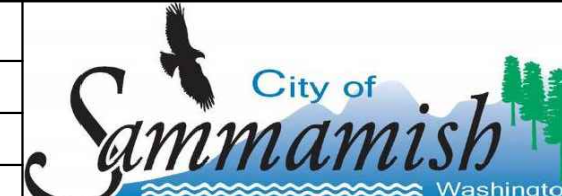


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CAWO
DRAWN BY
JXC
CHECKED BY
EJF

Osborn Consulting

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NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: 1"=10' V: 1"=10'	WL10	SHEET 96 of 102

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. EXCAVATION SHALL BE LIMITED TO LENGTH OF WALL THAT CAN BE COMPLETED IN ONE DAY'S WORK. TEMPORARY CUTS LEFT OPEN MORE THAN ONE DAY MAY BE ALLOWABLE IF THE CONTRACTOR CAN DEMONSTRATE THE WALL WILL REMAIN STABLE UNTIL CONSTRUCTION IS COMPLETED.
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.

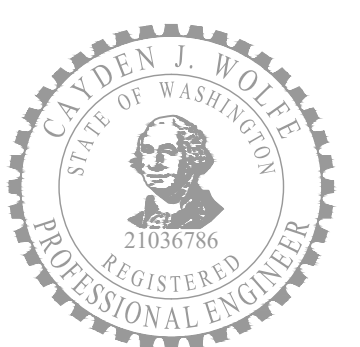
FINISH NOTES:

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.
3. ALL FINISHED CAST-IN-PLACE, REDI-ROCK, AND PRECAST CONCRETE WALLS SHALL BE PAINTED "WASHINGTON GRAY" AS SPECIFIED IN THE SPECIAL PROVISIONS.

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 USER NAME: LAURA TURNDIGE



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DRAWN BY DJAL			SCALE H: N/A V: N/A	WDO1						
CHECKED BY EJF			SHEET 97 of 102							

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 PLOT TIME: 1/26/2024 12:51 PM
 USER NAME: LAURA TURNDIGE

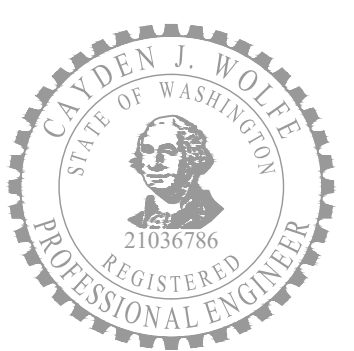
WALL 4 PILE SCHEDULE					
PILE NO.	PILE SIZE	DESIGN STA.	WALL STA.	SHAFT DIAMETER	EMBEDMENT DEPTH
1	HP12 x 53	37+09	1+05	2'-6"	10'-0"
2	HP12 x 53	37+19	1+15	2'-6"	10'-0"
3	HP12 x 53	37+29	1+25	2'-6"	10'-0"
4	HP12 x 53	37+39	1+35	2'-6"	10'-0"
5	HP12 x 53	37+49	1+45	2'-6"	10'-0"
6	HP12 x 53	37+59	1+55	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"



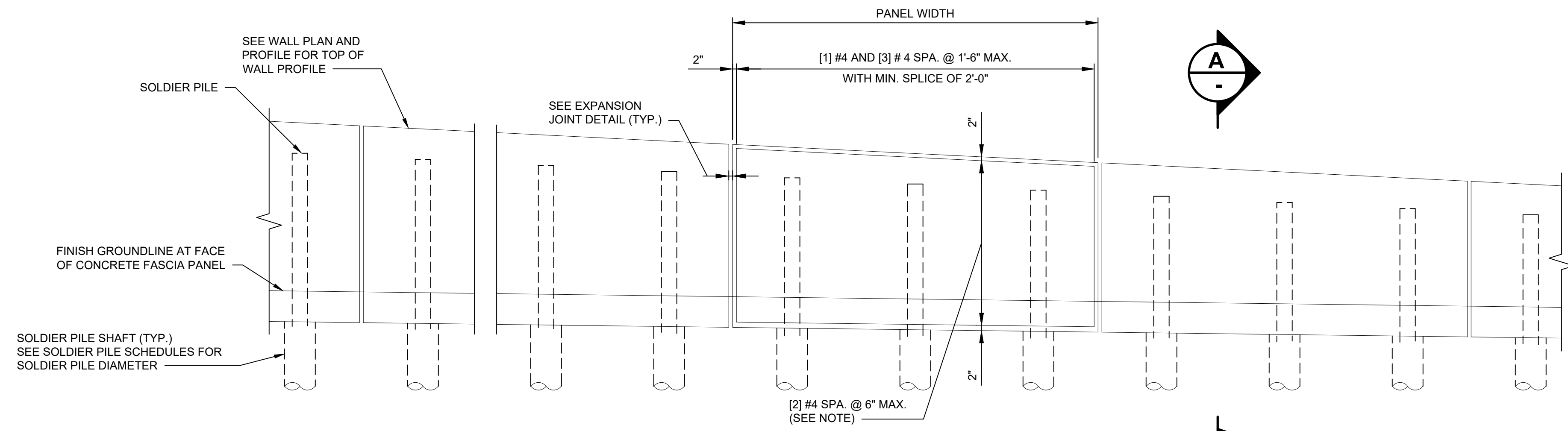
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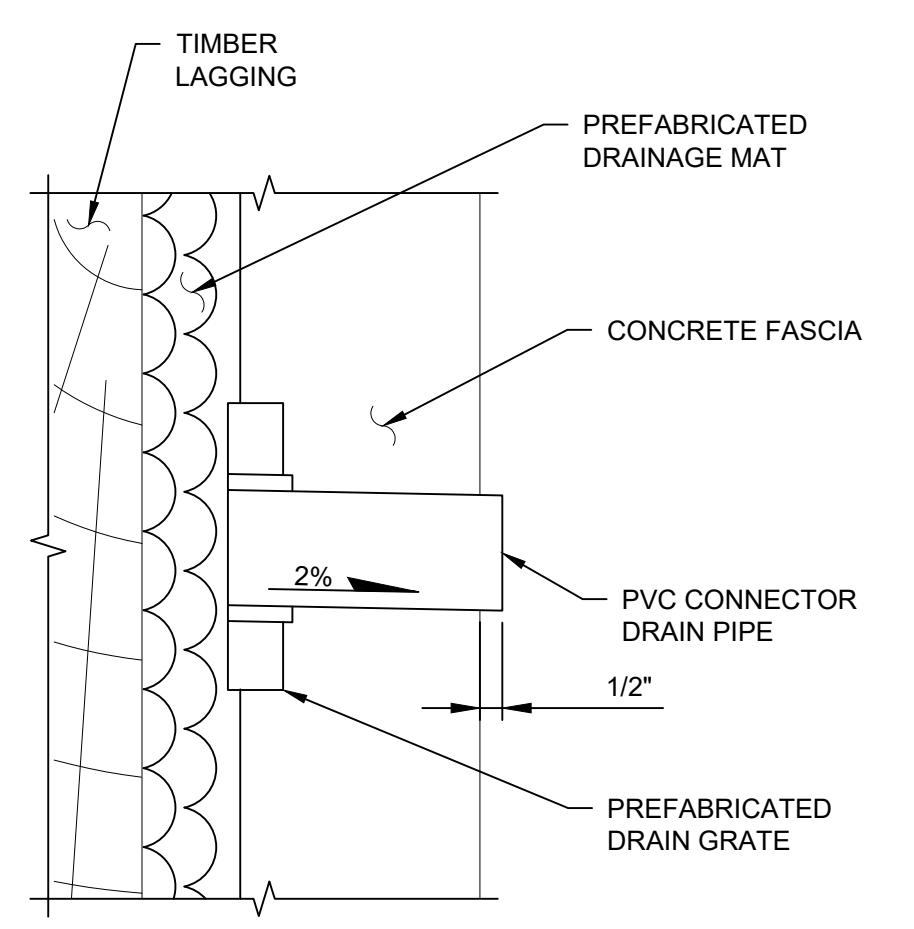
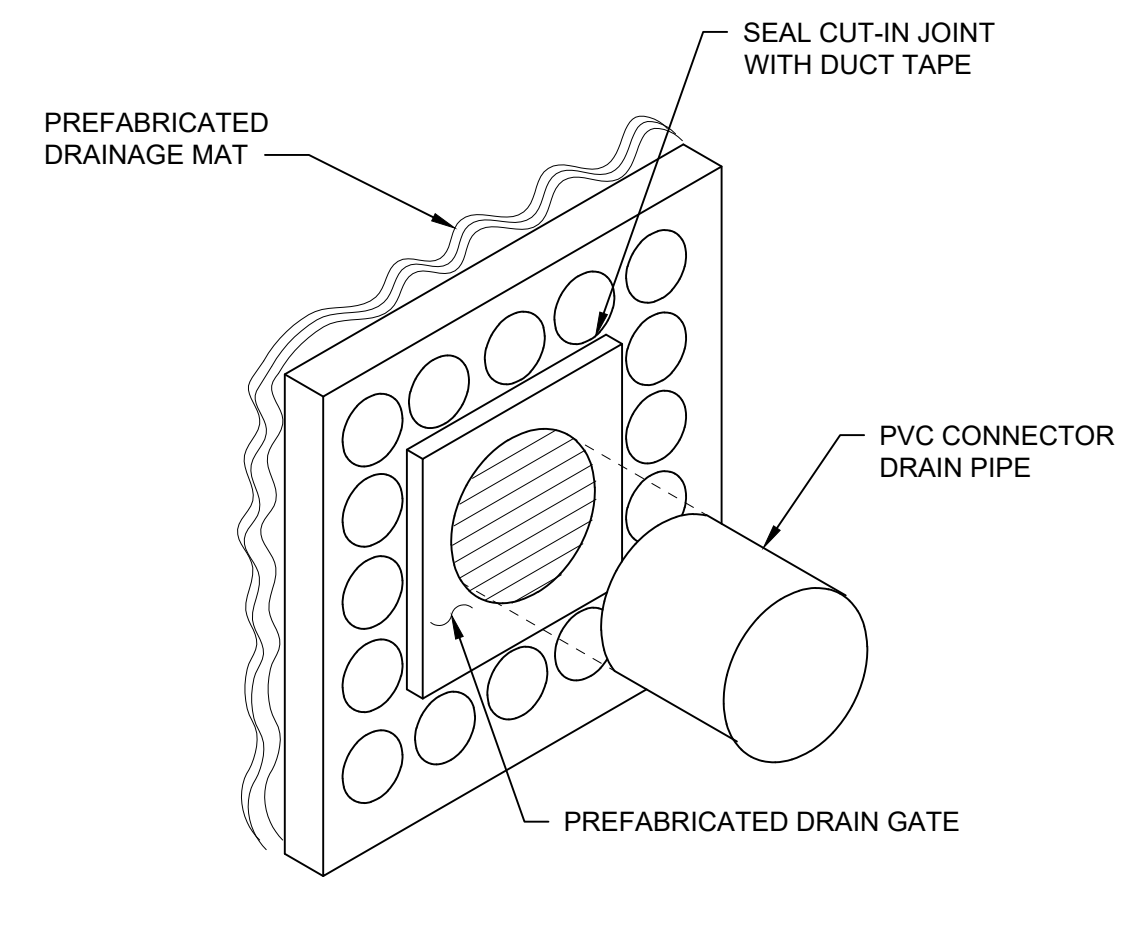
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NO.				DATE	REVISION	BY													
DRAWN BY DJAL	SCALE H: N/A V: N/A	WD02 SHEET 98 of 102																	
CHECKED BY EJF																			

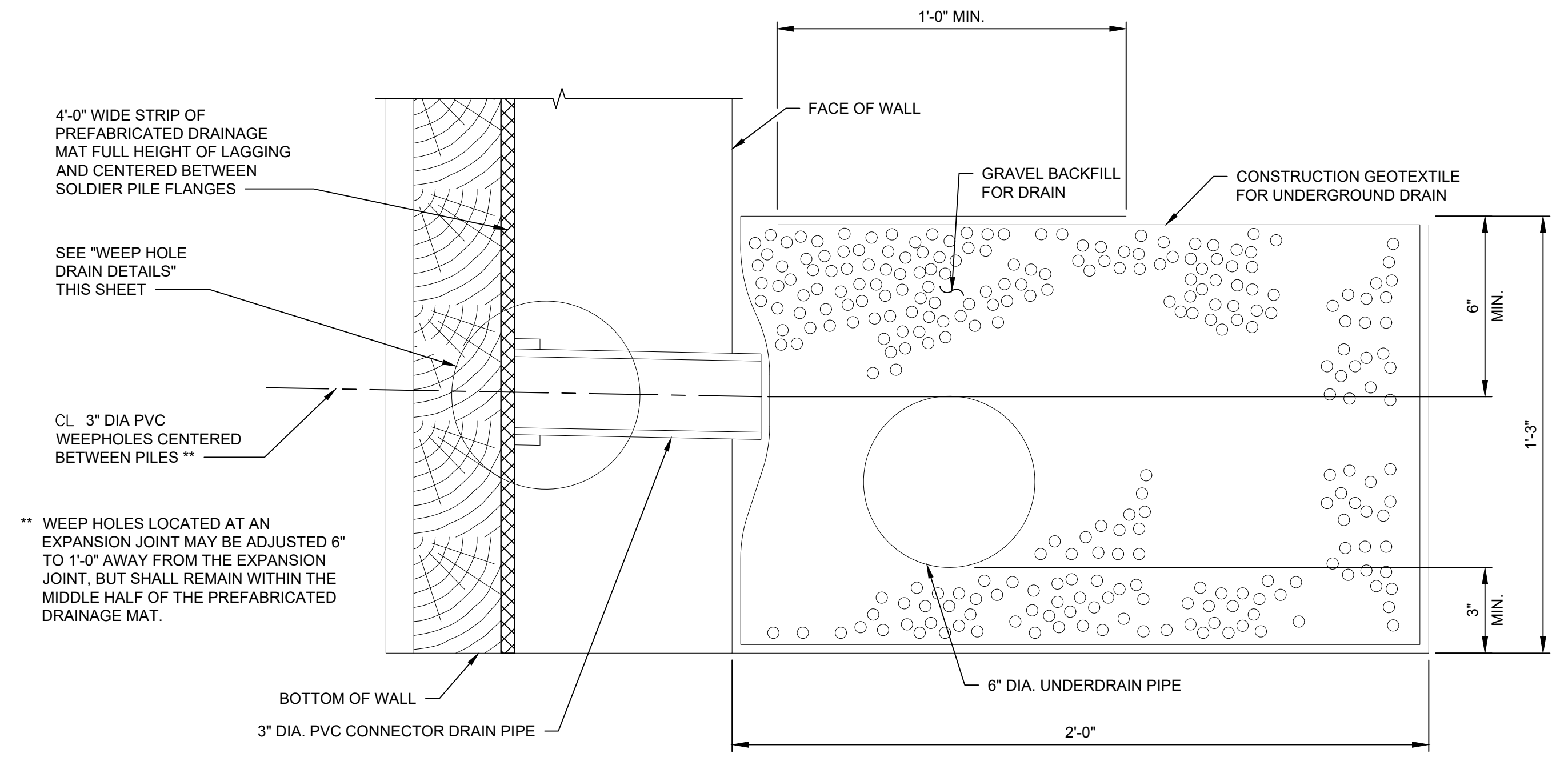
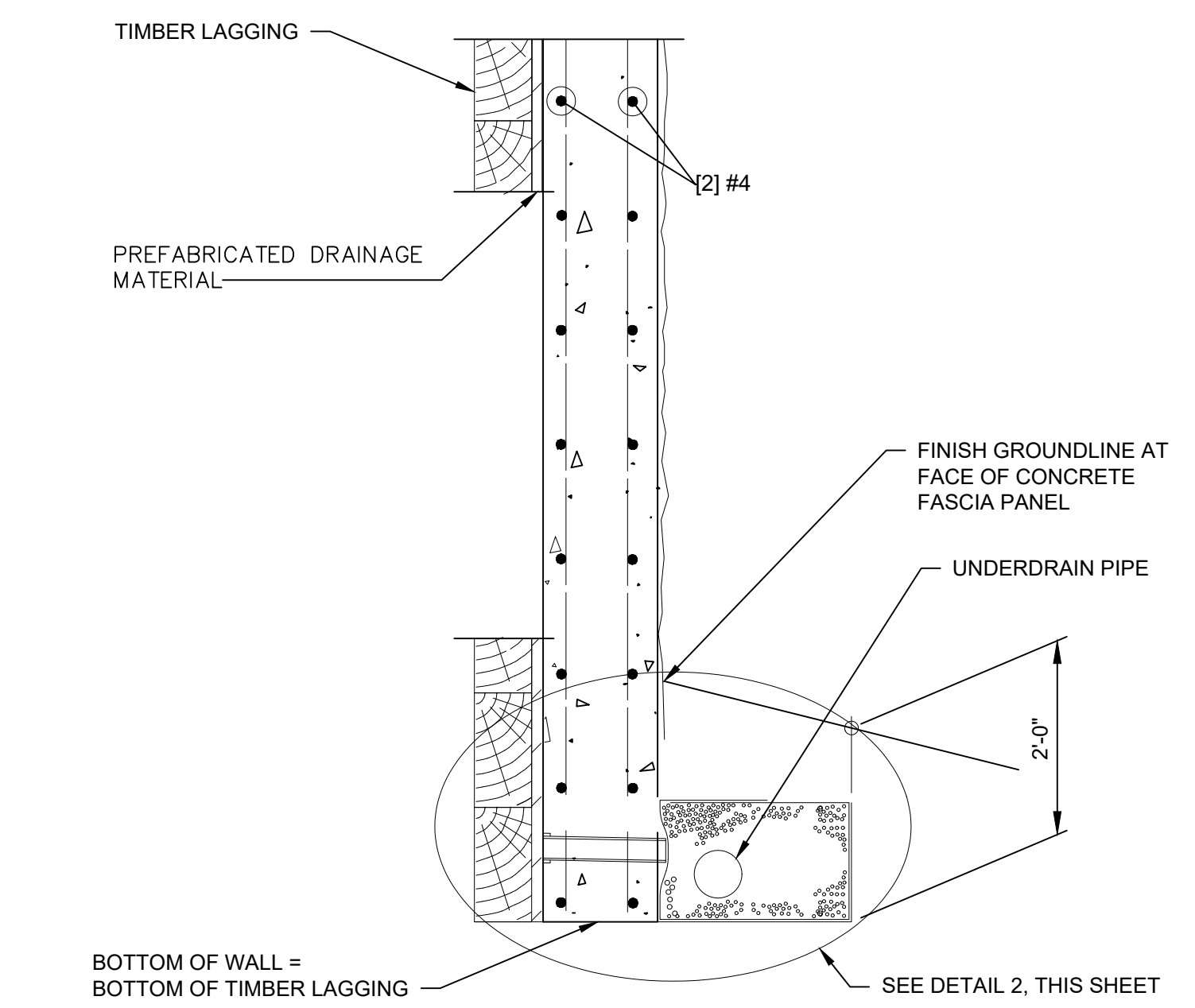
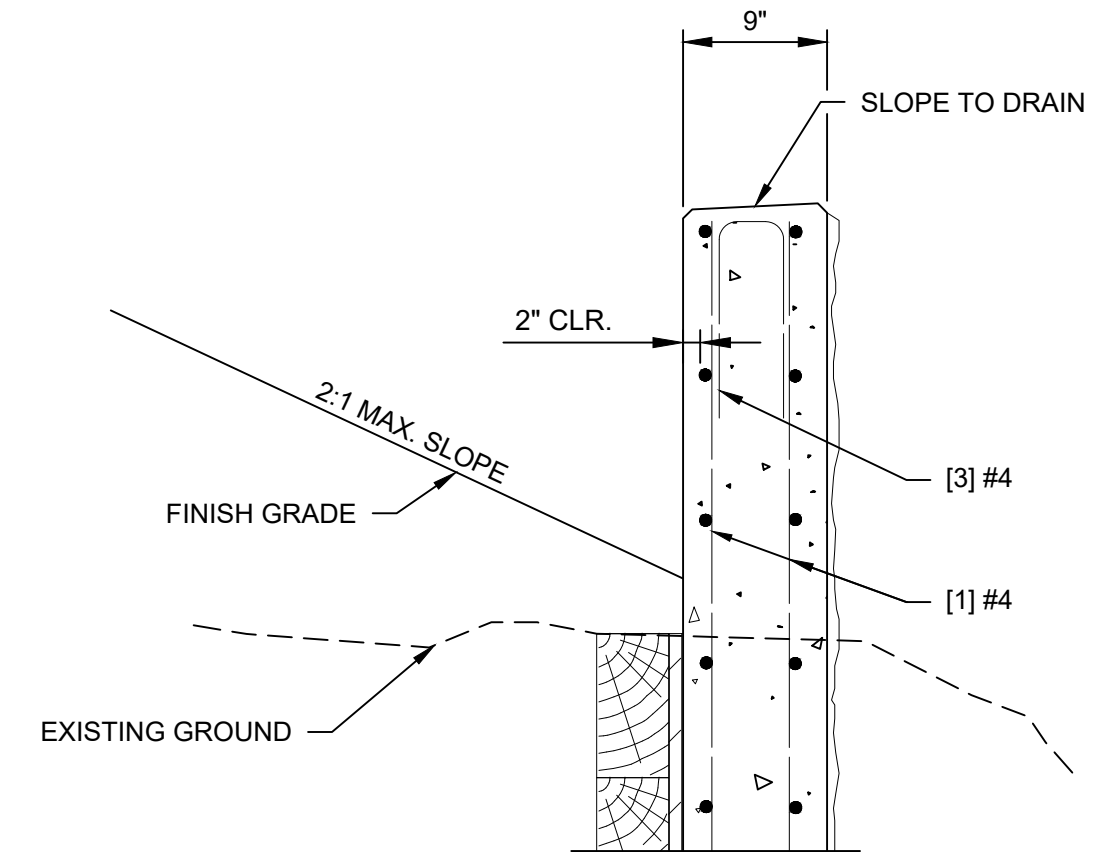
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 PLOT TIME: 1/26/2024 12:51 PM
 USER NAME: LAURA TURNIDGE



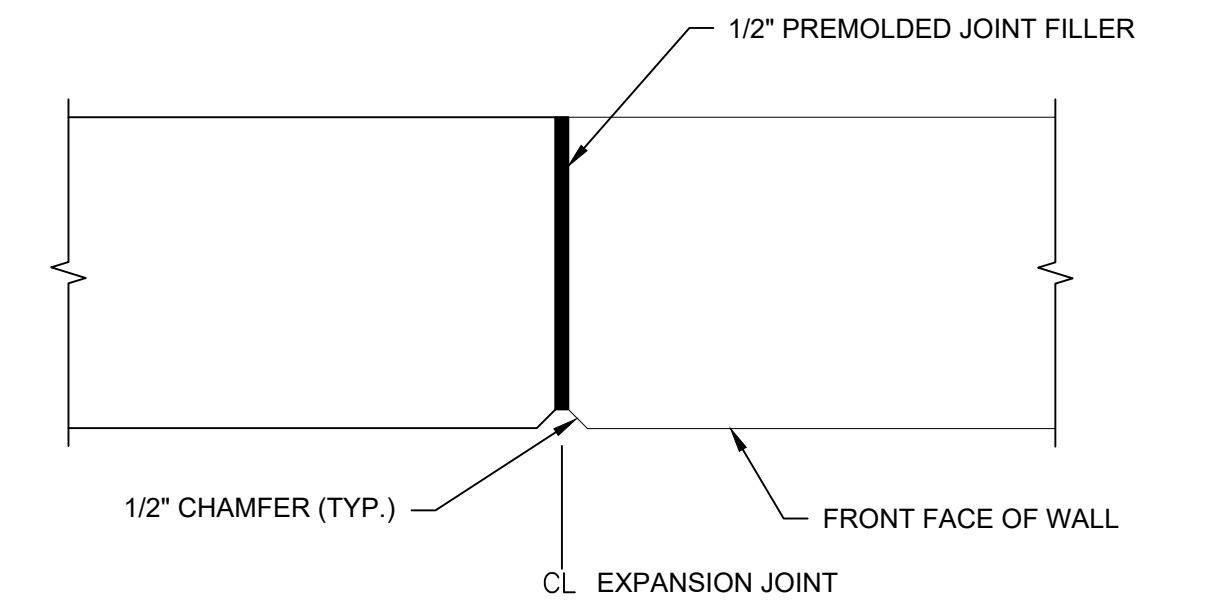
1 PARTIAL WALL ELEVATION
99



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



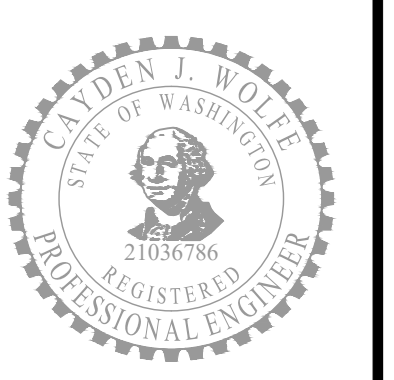
2 DETAIL
99



4 EXPANSION JOINT DETAIL
99



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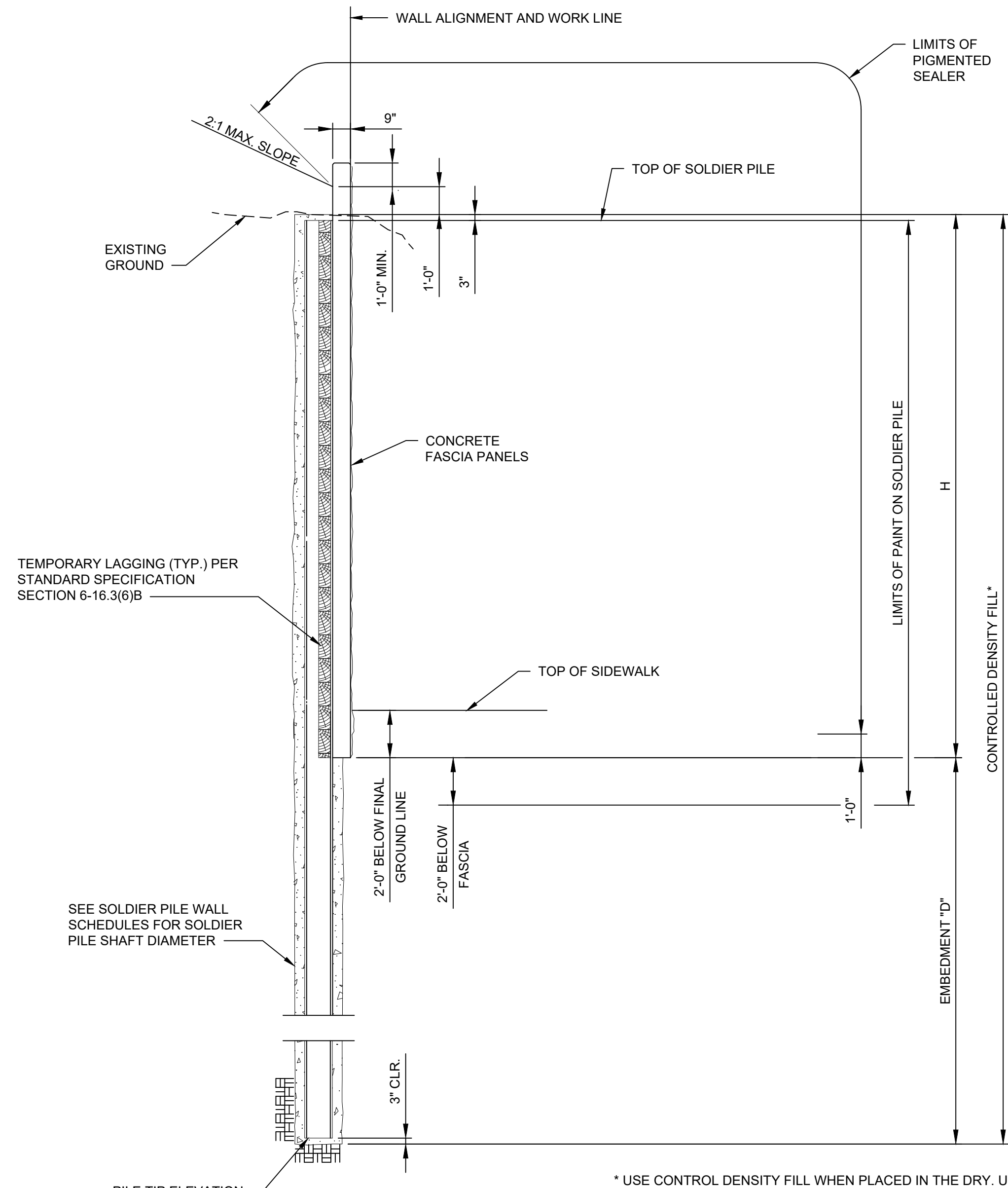
NO.	DATE	REVISION	BY



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

JOB# / DWG	10-210058	DATE	01/29/2024
SCALE	H: N/A V: N/A		
			WD03
			SHEET 99 of 102

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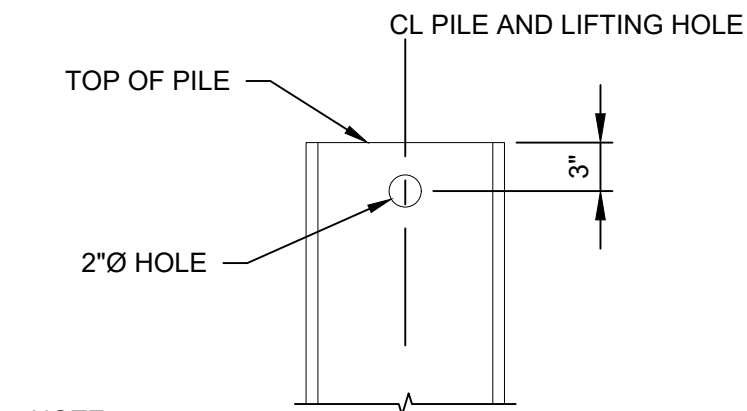
NOTES:
 LAGGING SHALL CONFORM TO STANDARD SPECIFICATION SECTION 6-16.3(6)

CONCRETE FASCIA TO BE ASHLAR STONE PATTERN AS PER WSDOT STANDARD SPECIFICATIONS.

SUBMIT ENGINEERED FORMWORK DRAWINGS AND CALCULATIONS AS A TYPE 2E WORKING DRAWING. DRAWINGS SHALL INCLUDE FORM LINER LAYOUT FOR REVIEW AND APPROVAL.

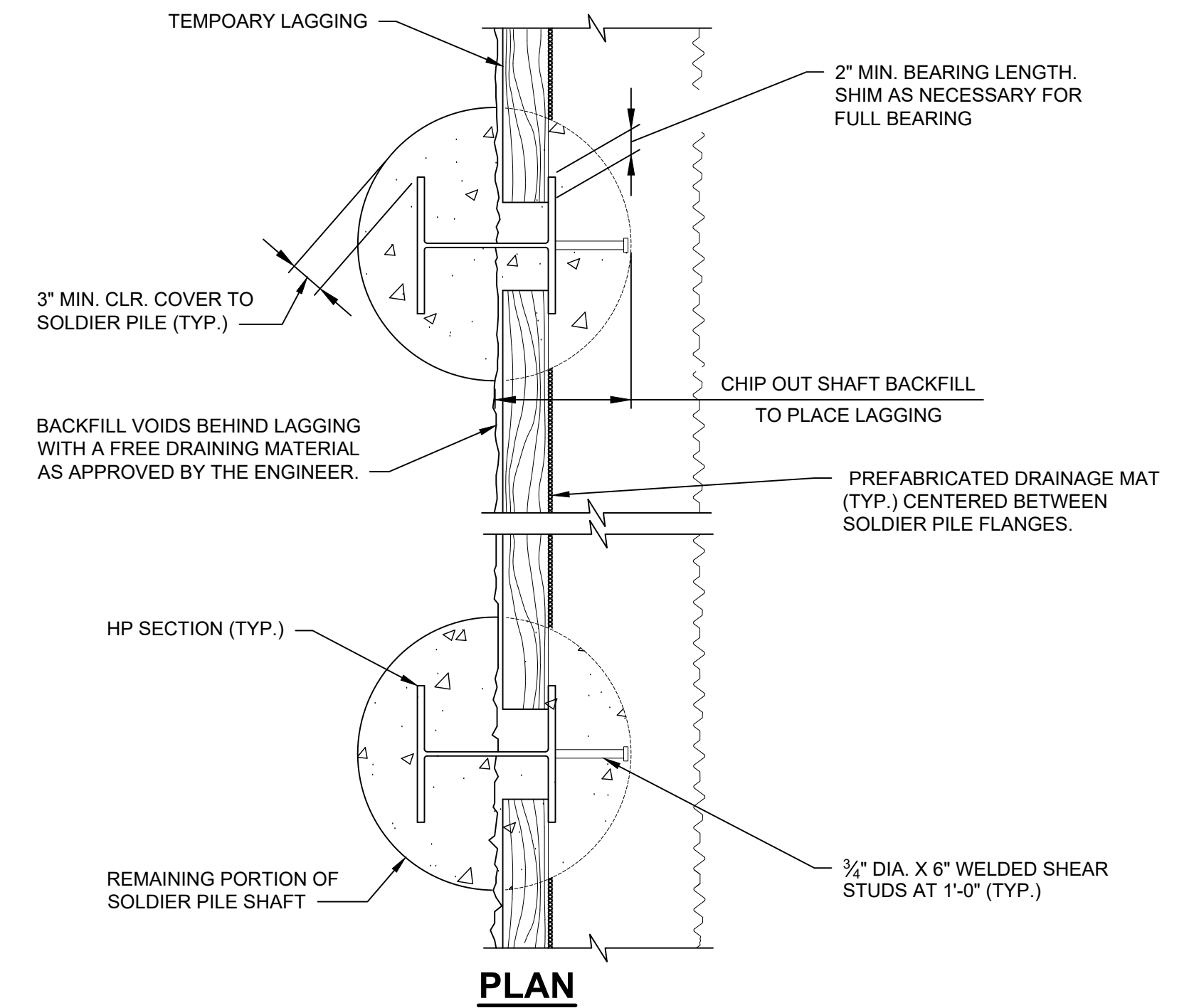
* USE CONTROL DENSITY FILL WHEN PLACED IN THE DRY. USE TREMIE LEAN CONCRETE WHEN PLACED IN THE WET. CONCRETE STRENGTH FOR SOLDIER PILE SHAFT = 150 PSI.

1 TYPICAL SECTION
 89, 90, 98, 99

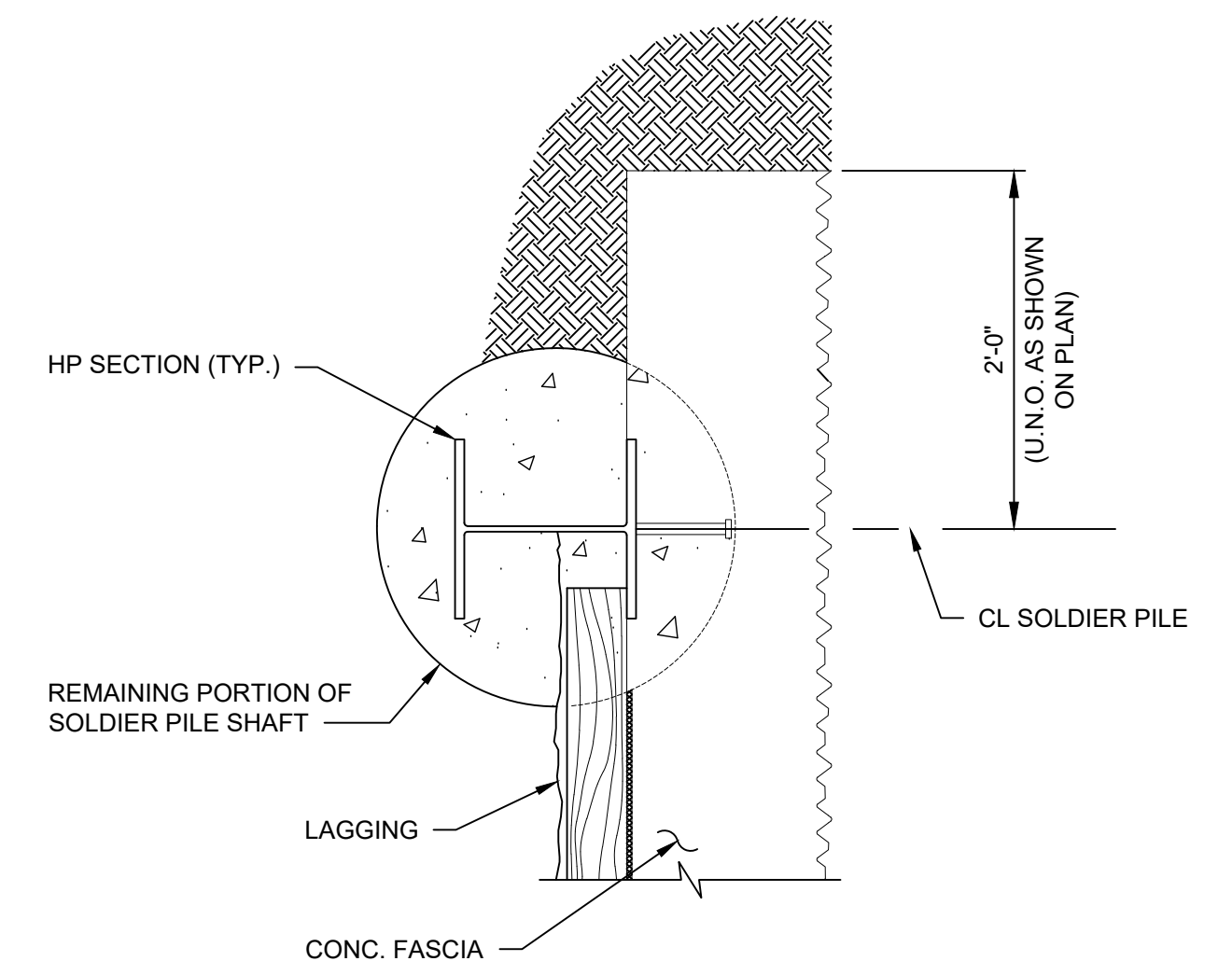


NOTE:
 LIFTING HOLE TO BE DRILLED IN THE SHOP PRIOR TO PAINTING THE PILE.

2 SOLDIER PILE LIFTING HOLE
 100



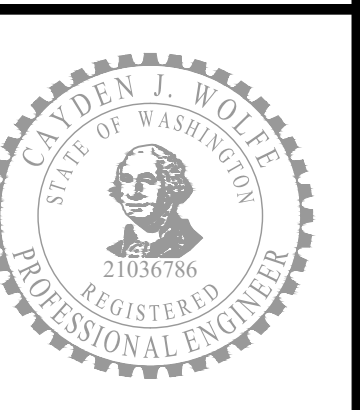
3 SOLDIER PILE WALL
 99, 100



4 END OF SOLDIER PILE DETAIL
 99, 100



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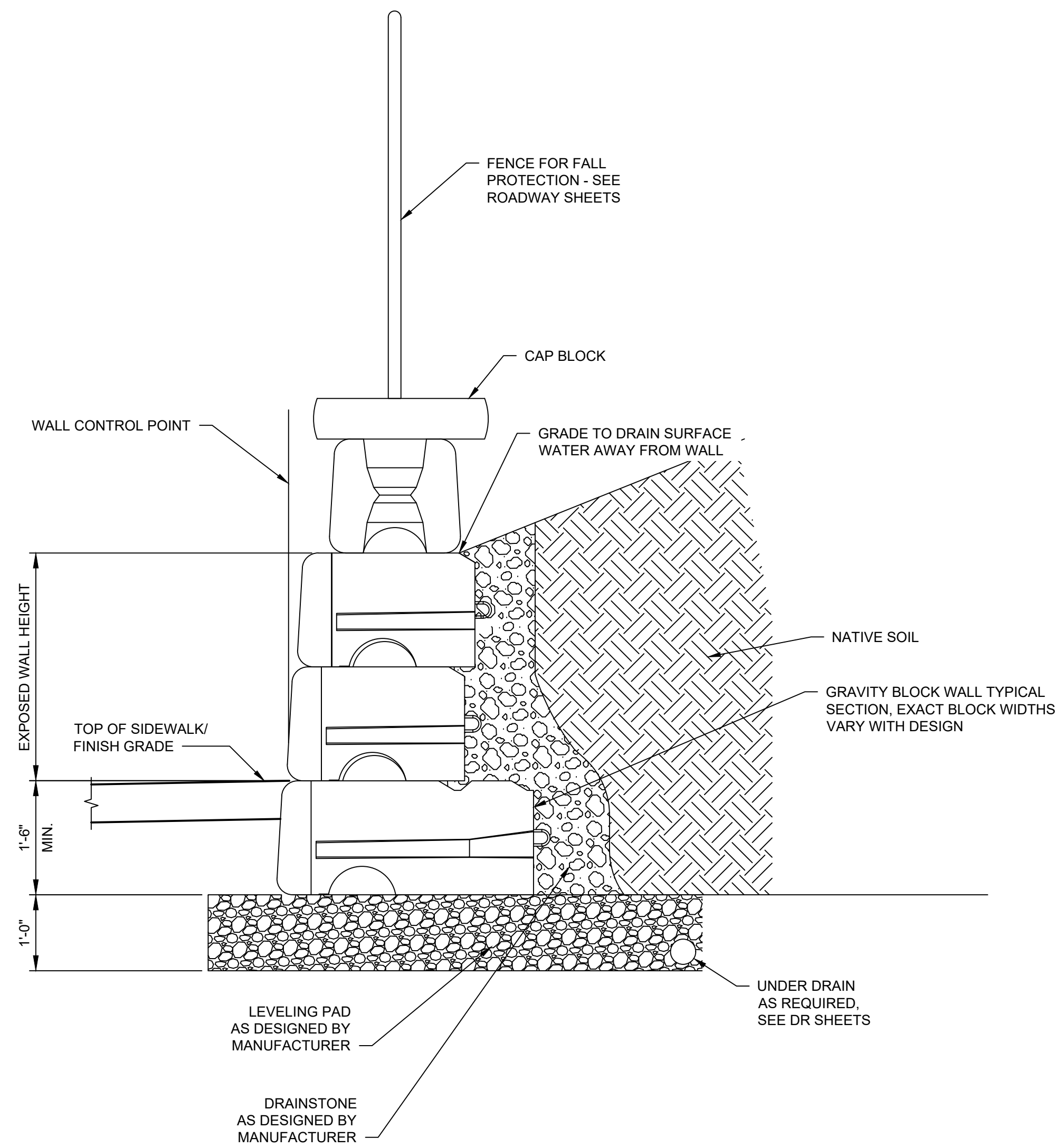
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NO.				DATE	REVISION	BY													
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CHECKED BY EJF	SHEET 100 of 102																		

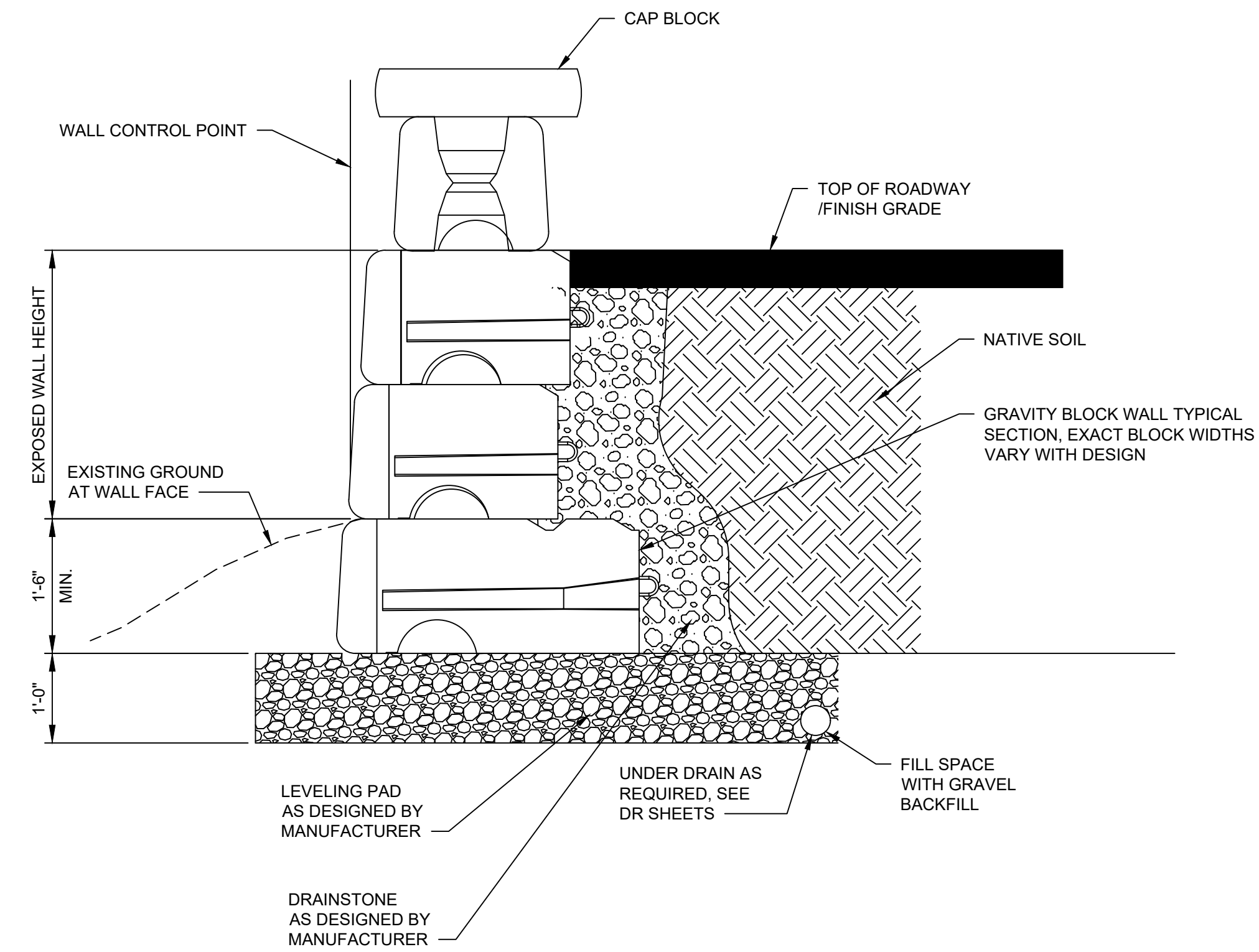
FILE NAME: C:\PIV\OCL\WORKING\DIOSBORNCORNCONSULTING-PW\BENTLEY.COM\OSBORNCORNCONSULTING-PW-01\LAURA TURNIDGE\DWG\10-210058_WALL DETAILS.DWG
 PLOT TIME: 1/26/2024 12:51 PM
 USER NAME: LAURA TURNIDGE

GENERAL NOTES:

- GRAVITY BLOCK WALL SHALL BE REDI-ROCK OR APPROVED EQUAL. BLOCK WALL MUST BE DESIGNED BY THE CONTRACTOR AS PER THE GEOTECHNICAL INFORMATION PROVIDED IN THE PROJECT MANUAL. CONTRACTOR SHALL SUBMIT TYPE 2E WORKING DRAWINGS FOR ENGINEER REVIEW AND APPROVAL.
- BLOCK SIZE, ARRANGEMENT, AND DETAILS SHOWN HERE ARE APPROXIMATE. MINIMUM HEIGHT AND LENGTH MUST BE AS SHOWN IN PLAN AND ELEVATIONS. BLOCK ARRANGEMENT AND DETAILS MUST BE AS PER MANUFACTURERS DRAWINGS.
- BLOCK FINISH SHALL BE "LEDGESTONE" AS PER REDI-ROCK STANDARDS.



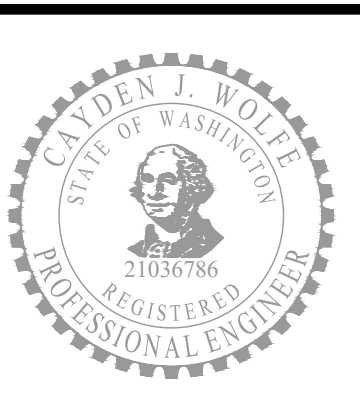
1 GRAVITY BLOCK WALL TYPICAL SECTION
 87,88,91,95 WALLS 1, 2, 3, 6, AND 9



2 GRAVITY BLOCK WALL TYPICAL SECTION
 92-94 WALLS 7 AND 8



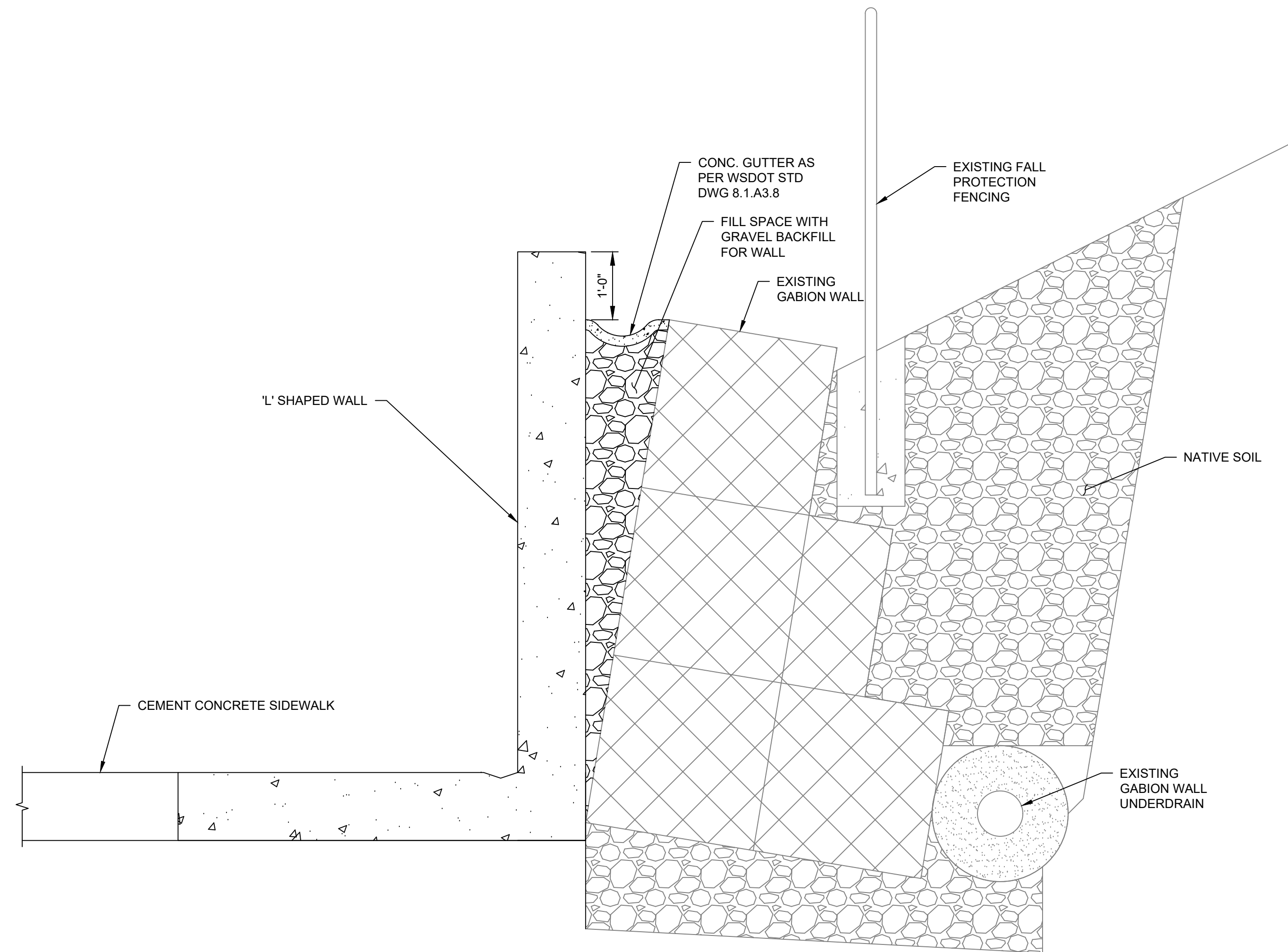
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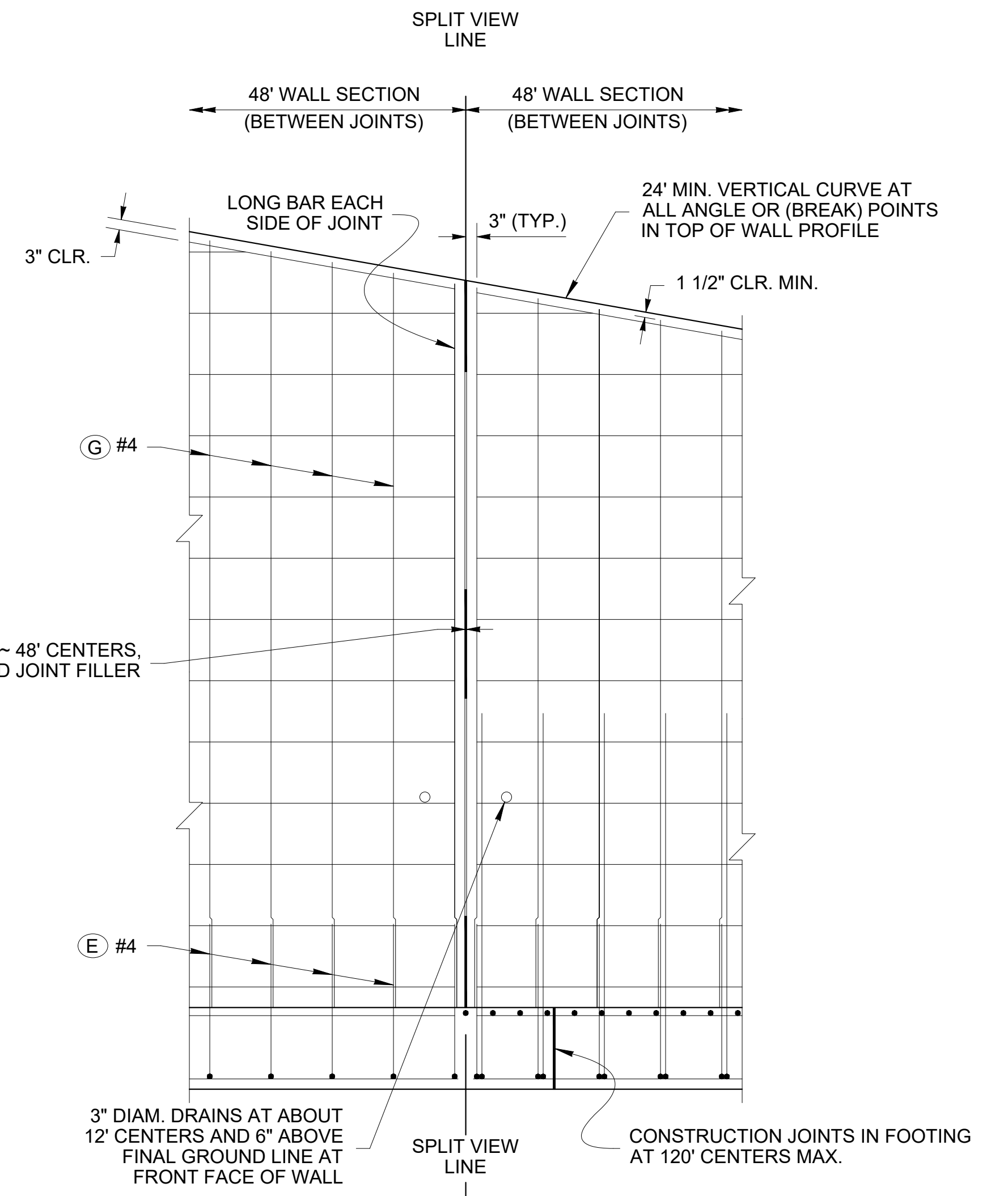
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NO.				DATE	REVISION	BY																	
DRAWN BY DJAL	SCALE H: N/A V: N/A	WD05 SHEET 101 of 102																					
CHECKED BY EJF																							

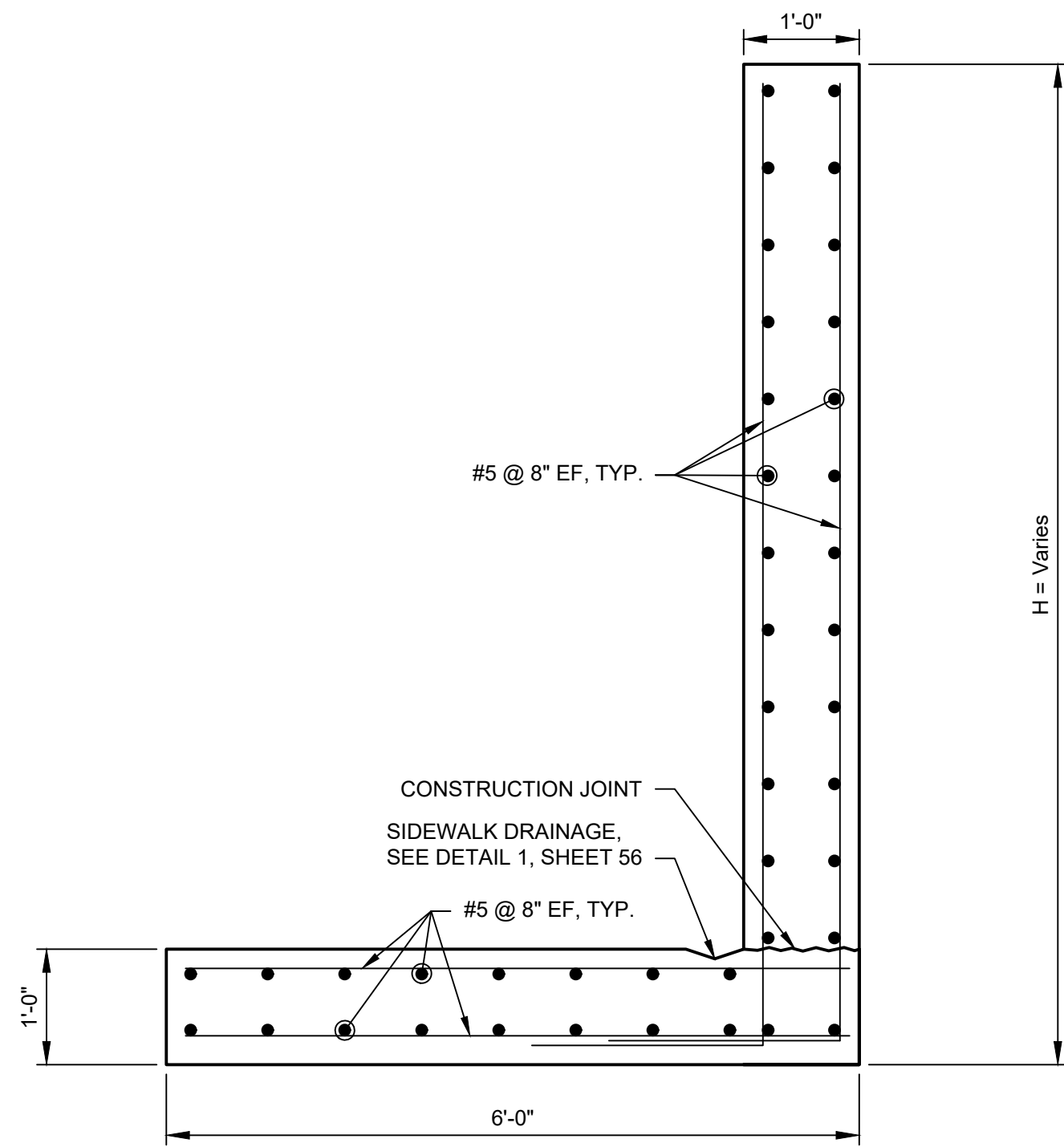
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 PLOT TIME: 1/26/2024 12:51 PM
 USER NAME: LAURA TURNIDGE



1 EXISTING GABION WALL SECTION
46.96

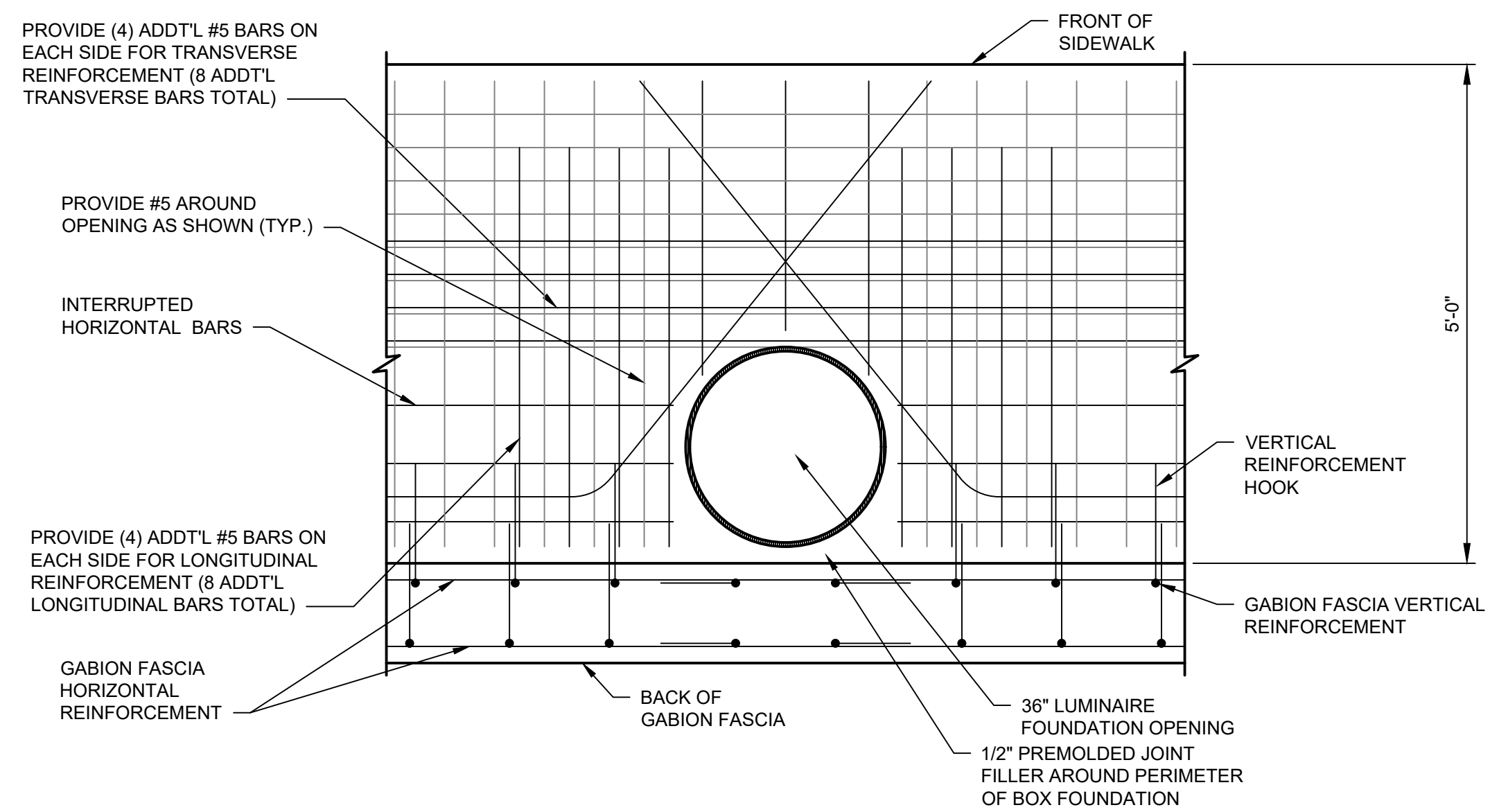


3 SPLIT ELEVATION VIEW
46.96
(SHOWING SEPARATE REBAR LAYERS)



2 'L' SHAPED WALL
46.96

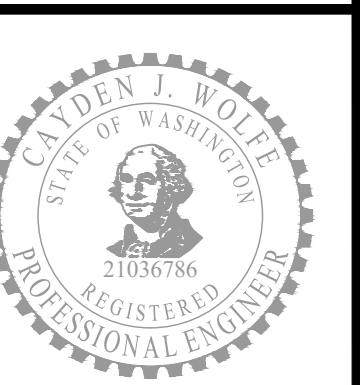
NOTES:
 CONCRETE IN THE 48 FOOT WALL SECTIONS SHALL BE PLACED SEPARATELY BETWEEN EXPANSION JOINTS WITH A MINIMUM OF 24 HOUR PERIOD BEFORE PLACING CONCRETE IN THE ADJACENT SECTION.



A SIDEWALK OPENING FOR UTILITIES
96



Know what's below.
 Call before you dig.

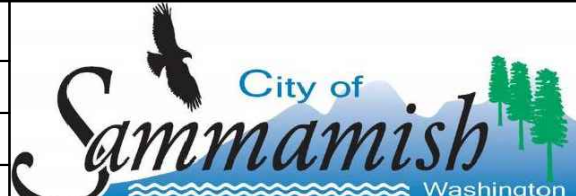


100% SUBMITTAL (NOT FOR CONSTRUCTION)

DESIGNED BY
CAWO
 DRAWN BY
DJAL
 CHECKED BY
EJF
Osborn Consulting

DE
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	01/29/2024
SCALE	H: N/A V: N/A		
			WD06
			SHEET 102 of 102