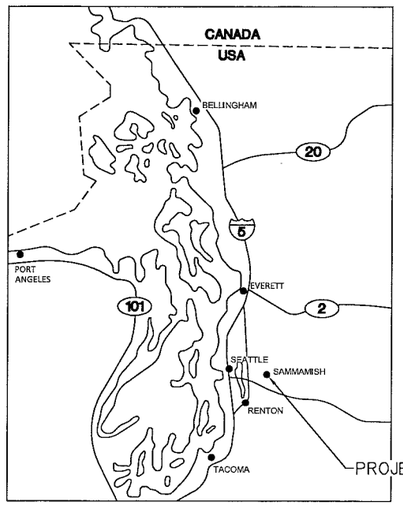
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS

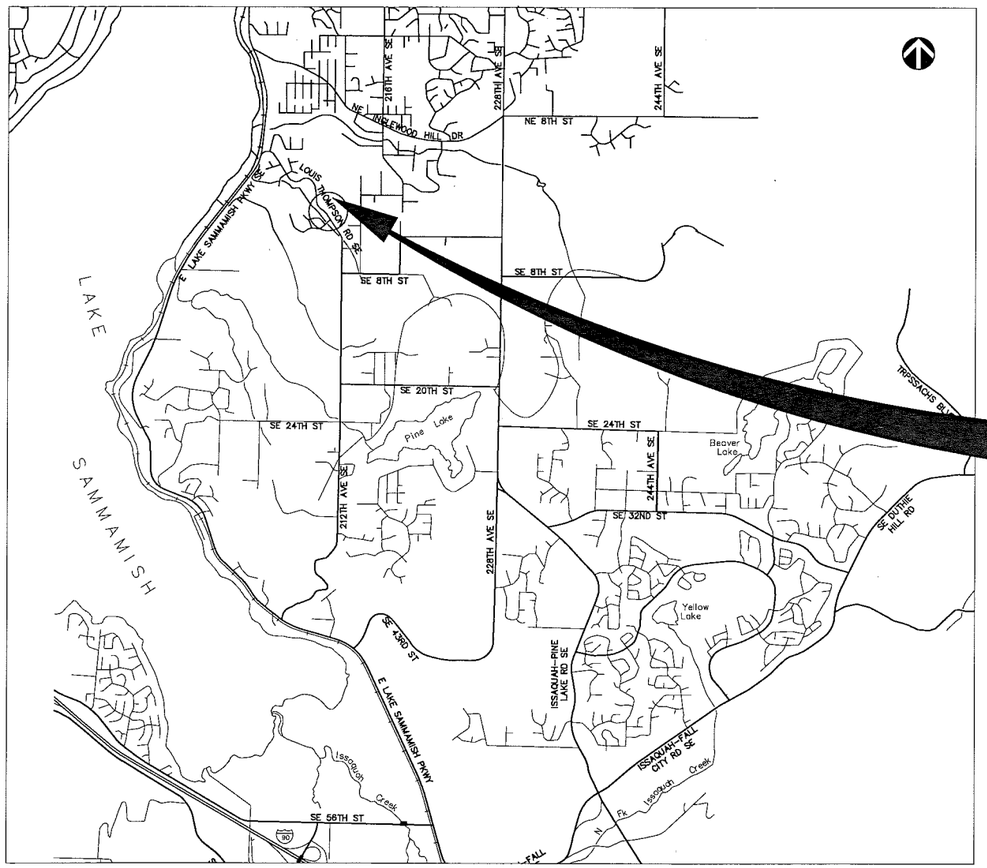
LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE



PROJECT LOCATION

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APPROVED BY:

PROJECT ENGINEER: _____ DATE: 5/23/2018

CITY ENGINEER: _____ DATE: 5/23/18

DIRECTOR OF PUBLIC WORKS: _____ DATE: 5/23/18

CITY OFFICIALS

MAYOR: CHRISTIE MALCHOW

DEPUTY MAYOR: KAREN MORAN

COUNCIL MEMBERS: TOM HORNISH
JASON RITCHIE
CHRIS ROSS
PAMELA STUART
RAMIRO VALDERRAMA

CITY MANAGER: LYMAN HOWARD

PROJECT ENGINEER: JED IRELAND, P.E.

CITY ENGINEER: ANDREW ZAGARS, P.E.

DIRECTOR OF PUBLIC WORKS: STEVE LENISZEWSKI, P.E.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NO.	DATE	BY	APPR	REVISION

JOB#: COSA0022
DSGN: NKW
DRN: OXA
CHKD: MLF
DATE: 5/22/2018
SCALE: AS NOTED

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

COVER

CV1

1 OF 16

By: NKW Date: 4:03 PM File: P:\c\COSA00000022\D400CAD\TT\SHEETS\TT-CV-001-COSA0022.dwg Layout: CV1

ABBREVIATIONS

ACP	ASPHALT CONCRETE PAVEMENT
ASPH	ASHPALT
ATB	ASPHALT TREATED BASE
BOW	BOTTOM OF WALL
CB	CATCH BASIN
CC	CONCRETE CURB
CDF	CONTROLLED DENSITY FILL
CI	CAST IRON
CONC	CONCRETE
CONST	CONSTRUCTION
CPEP	CORRUGATED POLYETHYLENE PIPE
CPLG	COUPLING
CSBC	CRUSHED SURFACING BASE COURSE
CSTC	CRUSHED SURFACING TOP COURSE
CWA	CASCADE WATER ALLIANCE
DI	DUCTILE IRON PIPE
DIA	DIAMETER
DW	DRIVEWAY
DWG	DRAWING
E	EAST
ECC	EXTRUDED CONCRETE CURB
ELEV	ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE / FLANGE
GRVL	GRAVEL
GV	GAS VALVE / GATE VALVE
HMA	HOT MIX ASPHALT
IE	INVERT ELEVATION
LF	LINEAR FEET
LT	LEFT
MH	MANHOLE
MJ	MECHANICAL JOINT
MVO	MAIN VALVE OPENING
NST	NOT STEEPER THAN
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PG	PERFORMANCE GRADE
PP	POWER POLE
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE/POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RDCR	REDUCER
ROW	RIGHT-OF-WAY
RJ	RESTRAINED JOINT
RT	RIGHT
S	SOUTH
SD	STORM DRAIN
SPWS	SAMMAMISH PUBLIC WORKS STANDARD
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
TBOP	TOP BACK OF PATH
TOC	TOP OF CURB
TOW	TOP OF WALL
TRANS	TRANSITION
UNKN	UNKNOWN
UP	UTILITY POLE
USPS	UNITED STATES POSTAL SERVICE
W	WEST
WM	WATER METER
WV	WATER VALVE

EXISTING LEGEND

- REBAR (FOUND AS NOTED)
- MONUMENT (FOUND AS NOTED)
- SIGN
- POST OR BOLLARD
- MAILBOX
- PILE
- DECIDUOUS TREE
- CONIFEROUS TREE
- BUSH
- WV — WATER VALVE
- WM — WATER METER
- FIRE HYDRANT
- POST INDICATOR VALVE
- SEWER MANHOLE
- STORM DRAIN MANHOLE
- STORM CATCH BASIN
- STORM CULVERT
- ELECTRIC POLE
- ELECTRIC POLE/STREET LIGHT
- GUY ANCHOR
- TR — TELEPHONE RISER
- TELEPHONE CABINET
- POTHOLE LOCATION
- DITCH LINE
- EDGE OF GRAVEL OR DIRT
- GUARD RAIL
- TRAFFIC STRIPING
- ROCKERY
- CREEK OR RIVER
- ORDINARY HIGH WATER LINE
- PROPERTY LINE
- PLATTED LOT LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING RIGHT-OF-WAY CENTERLINE
- G — GAS UNDERGROUND LINE
- P — POWER UNDERGROUND LINE
- OP — POWER OVERHEAD LINE
- T — TELEPHONE UNDERGROUND LINE
- TV — CABLE TV UNDER GROUND LINE
- W — WATER LINE
- SS — SANITARY SEWER LINE
- ST — STORM DRAIN LINE
- SD(R) — STORM DRAIN RECORD LINE

SURVEY NOTES

1. PURPOSE OF THIS SURVEY THIS SURVEY WAS PERFORMED DURING JUNE AND NOVEMBER, 2017 IN SUPPORT OF A HILL SLIDE REPAIR 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 THAT WHAT IT WAS INTENDED FOR.

2. BASIS OF BEARING WASHINGTON COORDINATE SYSTEM, NORTH ZONE, NAD83-2011

3. VERTICAL DATUM NAVD 88

4. METHODOLOGY FIELD MEASUREMENTS FOR THIS SURVEY WERE PERFORMED USING A LEICA TS15 TOTAL STATION AND A LEICA GS14 GPS RECEIVER. THIS SURVEY COMPLIES WITH THE MINIMUM REQUIRED "ERROR OF CLOSURE" 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).

5. PROPERTY LINES THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN HEREON ARE BASED UPON READILY AVAILABLE PLATS/SURVEYS/KING COUNTY ASSESSOR INFORMATION AND ARE SHOWN FOR GRAPHIC PURPOSES ONLY.

6. MONUMENTATION VISITATION ALL SURVEY MONUMENTS AND OTHER SURVEY MARKERS SHOWN HEREON WERE VISITED DURING JUNE, 2017 UNLESS OTHERWISE INDICATED.

7. ENCUMBRANCES THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT, ACCORDINGLY, ANY EASEMENTS OR RESTRICTIONS OF RECORD WHICH MAY BE REVEALED IN A TITLE REPORT HAVE NOT BEEN INCLUDED HEREON.

8. UNDERGROUND UTILITIES SHOWN REPRESENT FIELD SURVEYED PAINT MARKS AS PLACED ON THE GROUND BY A UTILITY LOCATE SERVICE. NO GUARANTEE IS MADE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED OR THAT THE UNDERGROUND UTILITIES ARE SHOWN IN THEIR EXACT LOCATION. THE UTILITIES ARE SHOWN AS ACCURATELY AS POSSIBLE FROM AVAILABLE INFORMATION.

9. CONTOUR INTERVAL 1 FOOT IN PAVED AREAS AND 2 FEET IN UNPAVED HILLSLIDE

10. SUBSURFACE CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.

11. 1-800-424-5555 MUST BE CALLED NOT LESS THAN 48 HOURS BEFORE BEGINNING EXCAVATION WHERE ANY UNDERGROUND UTILITIES MAY BE LOCATED. FAILURE TO DO SO COULD MEAN BEARING SUBSTANTIAL REPAIR COSTS. (UP TO THREE TIMES THE COST OF REPAIRS TO THE SERVICE).

PHONE NUMBERS

FIRE / MEDIC 1 / POLICE	911
SAMMAMISH PUBLIC WORKS	(425) 295-0500
WATER (SAMMAMISH PLATEAU WATER & SEWER DISTRICT)	(425) 392-6256
SEWER (SAMMAMISH PLATEAU WATER & SEWER DISTRICT)	(425) 392-6256
POWER (PUGET SOUND ENERGY)	(425) 417-9188
GAS (PUGET SOUND ENERGY)	(425) 417-9188
COMMUNICATIONS (COMCAST)	(425) 263-5348
COMMUNICATIONS (CENTURY LINK)	(206) 261-1402
U.S. POST OFFICE, ISSAQUAH POSTMASTER	(425) 837-8795

GENERAL NOTES

1. THE PROPOSED LEGEND IS SHOWN THROUGHOUT THE PLANS.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NO.	DATE	BY	APPR	REVISION

JOB#: COSA0022
DSGN: NKW
DRN: OXA
CHKD: MLF
DATE: 5/22/2018
SCALE: AS NOTED

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

City of Sammamish Washington

SCOTT B. SOISETH — STATE OF WASHINGTON — 25218 — REGISTERED PROFESSIONAL ENGINEER

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY **WASHINGTON**

LG1

LEGEND AND ABBREVIATIONS

GENERAL SITE PLAN NOTES

1. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT CONDITIONS, THE SAMMAMISH MUNICIPAL CODE (SMC), THE SAMMAMISH PUBLIC WORKS STANDARDS (PWS) AND THE CONDITIONS OF APPROVAL. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT (CITY ENGINEER) AND THE CONTRACTOR TO CORRECT ANY ERROR, OMISSION, OR DEVIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS.
2. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW CHECKLIST. ANY DEVIATION FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY IN WRITING PRIOR TO CONSTRUCTION.
3. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL OF UTILITIES NOT OWNED BY THE CITY (E.G. DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.).
4. PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING SHALL BE HELD BETWEEN THE CITY OF SAMMAMISH, THE APPLICANT(S), AND THE APPLICANT'S CONSTRUCTION REPRESENTATIVE.
5. A COPY OF THESE APPROVED PLANS SHALL BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
6. 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. WORK IN THE PUBLIC RIGHT-OF-WAY IS FURTHER RESTRICTED BY THE SPECIAL PROVISIONS PART OF THE CONTRACT PROVISIONS.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY POSSESSION OF ALL NECESSARY CONSTRUCTION EASEMENTS BEFORE INITIATING ANY OFF-SITE WORK.
8. VERTICAL DATUM SHALL BE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) UNLESS OTHERWISE APPROVED BY THE CITY OF SAMMAMISH. HORIZONTAL DATUM SHALL BE IN THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, USING NORTH AMERICAN DATUM OF 1983 (NAD 83 (1991)) UNLESS OTHERWISE APPROVED BY THE CITY.
9. DEWATERING (GROUNDWATER) SYSTEM CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT WSDOT STANDARD SPECIFICATIONS.
10. OPEN CUTTING OF ROADWAYS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY AND NOTED ON THESE APPROVED PLANS.
11. 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 WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY. WORK IN RIGHT-OF-WAY IS NOT AUTHORIZED UNTIL A TRAFFIC CONTROL PLAN IS APPROVED BY THE CITY.
12. 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.
13. PER RCW SECTION 19.122, CALL 811 BETWEEN TEN (10) AND TWO (2) BUSINESS DAYS BEFORE BEGINNING EXCAVATION WHERE ANY UNDERGROUND UTILITIES MAY BE LOCATED. FAILURE TO DO SO COULD RESULT IN THE CONTRACTOR BEARING SUBSTANTIAL REPAIR COSTS.
14. 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.
15. 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.
16. ALL LANDSCAPED AREAS OF THE PROJECT SHALL INCLUDE A MINIMUM OF 8-INCHES OF COMPOSTED SOIL AMENDMENT ATOP A MINIMUM OF 4-INCHES SCARIFIED SOIL.
17. NO FINAL CUT OR FILL SLOPE SHALL EXCEED SLOPES OF TWO (2) HORIZONTAL TO ONE (1) VERTICAL WITHOUT STABILIZATION BY ROCKERY OR BY A STRUCTURAL RETAINING WALL, UNLESS DESIGNED AND COMPLETED UNDER THE SUPERVISION OF A LICENSED GEOTECHNICAL ENGINEER.
18. THESE PLANS ARE APPROVED FOR STANDARD ROAD AND DRAINAGE IMPROVEMENTS ONLY. STRUCTURES SUCH AS BRIDGES, VAULTS, AND RETAINING WALLS REQUIRE ADDITIONAL PERMITS FROM THE CITY PRIOR TO CONSTRUCTION.
19. NO MATERIALS OR EQUIPMENT SHALL BE PLACED OR STORED ON PUBLIC RIGHT-OF-WAY AT ANY TIME.
20. NOT USED
21. CONSTRUCTION NOISE SHALL BE LIMITED TO THE CONSTRUCTION HOURS AS STATED IN SMC 16.05.030.

ESC PLAN NOTES

1. APPROVAL OF THIS ESC PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
2. THE IMPLEMENTATION OF THIS ESC PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, DISTURBANCE BEYOND THE CLEARING LIMITS IS NOT PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
4. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED (AS DIRECTED BY THE CITY ENGINEER OR RESIDENT INSPECTOR) TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT-OF-WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
5. THE ESC FACILITIES SHOWN ON THIS PLAN 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.
6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE 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.
7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/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 (OCT. 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPT 30).
8. 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.).
9. ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
10. 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.
11. 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.
12. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE PERMANENT FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN, ELSE THE TEMPORARY FACILITY MUST BE GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY. NO UNDERGROUND DETENTION TANK, DETENTION VAULT, OR SYSTEM WHICH BACKS UNDER OR INTO A POND SHALL BE USED AS A TEMPORARY SETTLING BASIN. FLOW CONTROL BMP AREAS (EXISTING OR PROPOSED) SHALL NOT BE USED AS TEMPORARY FACILITIES AND SHALL BE PROTECTED FROM SEDIMENTATION AND INTRUSION.
13. COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE KING COUNTY SURFACE WATER DESIGN MANUAL.
14. 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.
15. NOT USED
16. ALL EROSION/SEDIMENTATION CONTROL PONDS WITH A DEAD STORAGE DEPTH EXCEEDING SIX INCHES (6") MUST HAVE A HIGHLY VISIBLE PERIMETER FENCE WITH A MINIMUM HEIGHT OF THREE FEET (3').
17. NOT USED
18. CLEARING LIMITS SHALL BE DELINEATED WITH A CLEARING CONTROL FENCE. THE CLEARING CONTROL FENCE SHALL CONSIST OF A FOUR-FOOT (4') HIGH TEMPORARY CONSTRUCTION FENCE. CLEARING CONTROL FENCES ALONG WETLAND OR STREAM BUFFERS OR UPSLOPE OF SENSITIVE SLOPES SHALL BE ACCOMPANIED BY TWO ROWS OF EROSION CONTROL FENCE. IF DETERMINED APPROPRIATE BY CITY OF SAMMAMISH A SIX-FOOT (6') HIGH CHAIN LINK FENCE MAY BE REQUIRED.
19. 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.
20. 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 2016 KCSWDM APPENDIX D.
21. THE WASHED GRAVEL BACKFILL ADJACENT TO THE FILTER FABRIC 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. ALL INTERCEPTOR SWALES SHALL BE CLEANED IF SILT ACCUMULATION EXCEEDS ONE-HALF FOOT (0.5') DEPTH.
22. ROCK FOR EROSION PROTECTION OF ROADWAY DITCHES, WHERE REQUIRED, MUST BE OF SOUND QUARRY ROCK, PLACED TO A DEPTH OF 1' AND MUST MEET WSDOT SPECIFICATIONS 4"-8" ROCK/40%-70% PASSING; 2"-4" ROCK/30%-40% PASSING; AND 1"-2" ROCK/10%-20% PASSING.
23. 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.

ESC PLAN NOTES (CONTINUED)

24. MAXIMUM RELEASE RATE FROM THE SITE AT ANY TIME DURING CONSTRUCTION AND DURING THE MAINTENANCE AND DEFECT PERIOD SHALL BE NO MORE THAN ONE-HALF OF THE 2-YEAR PEAK FLOW WHEN THE FLOW CONTROL STRUCTURE IS BYPASSED.
25. DURING THE WET SEASON (OCTOBER 1 – APRIL 30) NOTES:
    a. THE ALLOWED TIME THAT A DISTURBED AREA MAY REMAIN UNWORKED WITHOUT COVER MEASURES IS REDUCED TO TWO CONSECUTIVE WORKING DAYS, RATHER THAN SEVEN (SECTION D.2.1.2).
    b. STOCKPILES AND STEEP CUT AND FILL SLOPES ARE TO BE PROTECTED IF UNWORKED FOR MORE THAN 12 HOURS (SECTION D.2.1.2).
    c. COVER MATERIALS SUFFICIENT TO COVER ALL DISTURBED AREAS SHALL BE STOCKPILED ON SITE (SECTION D.2.1.2).
    d. ALL AREAS THAT ARE TO BE UNWORKED DURING THE WET SEASON SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON (SECTION D.2.1.2.6).
    e. MULCH IS REQUIRED TO PROTECT ALL SEEDED AREAS (SECTION D.2.1.2.2).
    f. FIFTY LINEAR FEET OF SILT FENCE (AND THE NECESSARY STAKES) PER ACRE OF DISTURBANCE MUST BE STOCKPILED ON SITE (SECTION D.2.1.3.1).
    g. CONSTRUCTION ROAD AND PARKING LOT STABILIZATION ARE REQUIRED FOR ALL SITES UNLESS THE SITE IS UNDERLAIN BY COARSE-GRAINED SOIL (SECTION D.2.1.4.2).
    h. SEDIMENT RETENTION IS REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.5).
    i. SURFACE WATER CONTROLS ARE REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.6).
    j. PHASING AND MORE CONSERVATIVE BMPS MUST BE EVALUATED FOR CONSTRUCTION ACTIVITY NEAR SURFACE WATERS (SECTION D.2.4.3).
    k. 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 (SECTION D.2.2).
    l. WHEN LOCATED WITHIN AN ENVIRONMENTALLY CRITICAL AREA, A WET SEASON PERMIT IS REQUIRED.
26. 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:
    a. PRE-CONSTRUCTION MEETING.
    b. POST SIGN WITH NAME AND PHONE NUMBER OF CSWPP/ESC SUPERVISOR.
    c. FLAG OR FENCE CLEARING LIMITS.
    d. INSTALL CATCH BASIN PROTECTION, IF REQUIRED.
    e. GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
    f. INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
    g. CONSTRUCT SEDIMENT PONDS AND TRAPS.
    h. GRADE AND STABILIZE CONSTRUCTION ROADS.
    i. CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE SLOPE DRAINS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.
    j. MAINTAIN EROSION CONTROL MEASURE IN ACCORDANCE WITH CITY PUBLIC WORKS STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
    k. 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.
    l. COVER ALL AREAS WITHIN THE SPECIFIED TIME FRAME WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, CRUSHED ROCK OR EQUIVALENT.
    m. STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN (7) DAYS.
    n. SEED OR SOD ANY AREAS TO REMAIN UN-WORKED FOR MORE THAN THIRTY (30) DAYS.
    o. UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BEST MANAGEMENT PRACTICES (BMPS) REMOVED IF APPROPRIATE.

SWPPS PLAN NOTES

1. ALL POLLUTANTS, INCLUDING WASTE MATERIALS, THAT OCCUR ONSITE SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.
2. 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 WAC FOR THE DEFINITION OF INERT WASTE). ONSITE FUELING TANKS SHALL INCLUDE SECONDARY CONTAINMENT.
3. 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.
4. APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, SHALL BE CONDUCTED IN A MANNER AND AT APPLICATION RATES THAT WILL NOT RESULT IN LOSS OF CHEMICAL TO STORMWATER RUNOFF. MANUFACTURERS' RECOMMENDATIONS FOR APPLICATION RATES AND PROCEDURES SHALL BE FOLLOWED.
5. 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.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NO.	DATE	BY	APPR	REVISION

JOB#: COSA0022
DSGN: NKW
DRN: OXA
CHKD: MLF
DATE: 5/22/2018
SCALE: AS NOTED

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14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

City of Sammamish Washington

SCOTT B. SOISETH — STATE OF WASHINGTON — 35118 — REGISTERED PROFESSIONAL ENGINEER — 5/23/18

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

STANDARD NOTES

GN01

DRAINAGE PLAN NOTES

1. PROOF OF LIABILITY INSURANCE SHALL BE SUBMITTED TO PUBLIC WORKS PRIOR TO THE CONSTRUCTION OF THE DRAINAGE FACILITIES, PREFERABLY AT THE PRECONSTRUCTION MEETING.
2. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATIONS. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
3. A LICENSED SURVEYOR SHALL SURVEY AND STAKE ALL STORM DRAIN FACILITIES AND CONVEYANCE LINES WITH ASSOCIATED EASEMENTS AND DEDICATIONS NOT LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY. PUBLIC WORKS CONSTRUCTION INSPECTOR SHALL INSPECT AND VERIFY LOCATIONS PRIOR TO PROJECT ACCEPTANCE.
4. STEEL PIPE SHALL BE ALUMINIZED, OR GALVANIZED WITH ASPHALT TREATMENT #1 OR BETTER INSIDE AND OUTSIDE.
5. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT RETENTION/DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
6. ALL DRIVEWAY CULVERTS LOCATED WITHIN SAMMAMISH RIGHT-OF-WAY SHALL BE OF SUFFICIENT LENGTH TO PROVIDE A MINIMUM 3:1 SLOPE FROM THE EDGE OF THE DRIVEWAY TO THE BOTTOM OF THE DITCH. CULVERTS SHALL HAVE BEVELED END SECTIONS TO MATCH THE SIDE SLOPE.
7. DRAINAGE OUTLETS (STUB-OUTS) SHALL BE PROVIDED FOR EACH INDIVIDUAL LOT, EXCEPT FOR THOSE LOTS APPROVED FOR INFILTRATION. STUB-OUTS SHALL CONFORM TO THE FOLLOWING:
   a. EACH OUTLET SHALL BE SUITABLY LOCATED AT THE LOWEST ELEVATION ON THE LOT, SO AS TO SERVICE ALL FUTURE ROOF DOWNSPOUTS AND FOOTING DRAINS, DRIVEWAYS, YARD DRAINS, AND ANY OTHER SURFACE OR SUBSURFACE DRAINS NECESSARY TO RENDER THE LOTS SUITABLE FOR THEIR INTENDED USE. EACH OUTLET SHALL HAVE FREE-FLOWING, POSITIVE DRAINAGE TO AN APPROVED STORMWATER CONVEYANCE SYSTEM OR TO AN APPROVED OUTFALL LOCATION.
   b. OUTLETS ON EACH LOT SHALL BE LOCATED WITH A FIVE-FOOT-HIGH, 2" X 4" STAKE MARKED "STORM" OR "DRAIN". THE STUB-OUT SHALL EXTEND ABOVE SURFACE LEVEL, BE VISIBLE, AND BE SECURED TO THE STAKE.
   c. PIPE MATERIAL SHALL CONFORM TO UNDERDRAIN SPECIFICATIONS DESCRIBED IN THE PUBLIC WORKS STANDARDS AND, IF NON-METALLIC, THE PIPE SHALL CONTAIN WIRE OR OTHER ACCEPTABLE DETECTION.
   d. DRAINAGE EASEMENTS ARE REQUIRED FOR DRAINAGE SYSTEMS DESIGNED TO CONVEY FLOWS THROUGH INDIVIDUAL LOTS.
   e. THE APPLICANT/CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATIONS OF ALL STUB-OUT CONVEYANCE LINES WITH RESPECT TO THE UTILITIES (E.G. POWER, GAS, TELEPHONE, TELEVISION).
   f. ALL INDIVIDUAL STUB-OUTS SHALL BE PRIVATELY OWNED AND MAINTAINED BY THE LOT HOMEOWNER.
8. ACCEPTABLE STORM PIPE MATERIAL IS AS FOLLOWS: PLAIN AND REINFORCED CONCRETE PIPE; CORRUGATED OR SPIRAL RIB ALUMINUM PIPE; CORRUGATED STEEL PIPE (ALUMINIZED OR GALVANIZED WITH TREATMENTS 1, 2 OR 5); SPIRAL RIB STEEL PIPE (ALUMINIZED OR GALVANIZED WITH TREATMENTS 1, 2 OR 5); DUCTILE IRON PIPE (WATER SUPPLY, CLASS 50 OR 52); POLYPROPYLENE CULVERT OR STORM SEWER PIPE (WSDOT SECTION 9-05.24), HIGH DENSITY POLYETHYLENE PIPE (HDPE, INCLUDING SOLID WALL POLYETHYLENE PIPE). REFER TO THE 2016 KING COUNTY SURFACE WATER DESIGN MANUAL SECTION 4.2 AND THE 2016 SAMMAMISH SURFACE WATER DESIGN MANUAL ADDENDUM CHAPTER 4 FOR DETAILS.
9. MINIMUM COVER OVER STORM DRAINAGE PIPES AND FACILITIES SHALL BE TWO FEET (2') UNLESS OTHERWISE SHOWN AND APPROVED.
10. THE MOST RECENTLY UPDATED WSDOT STANDARD PLANS SECTION B SHALL BE USED TO DETERMINE ACCEPTABLE DESIGN AND CONSTRUCTION STANDARDS FOR DRAINAGE STRUCTURES.
11. CATCH BASINS WITH A DEPTH OF OVER FIVE FEET (5') TO THE PIPE INVERT SHALL BE A TYPE II CATCH BASIN. TYPE II CATCH BASINS EXCEEDING FIVE FEET (5') IN DEPTH SHALL HAVE A STANDARD LADDER INSTALLED. ALL MANHOLE LADDERS SHALL BE FIRMLY ATTACHED AND EXTEND TO WITHIN 16" OF THE BOTTOM OF THE STRUCTURE. LADDERS REQUIRED WITHIN DRAINAGE STRUCTURES SHALL NOT BLOCK INLET OR OUTLET PIPES AND MUST BE ACCESSIBLE FROM STRUCTURE OPENING. REFER TO WSDOT STANDARD PLANS FOR DETAILS AND SPECIFICATIONS.
12. ALL CATCH BASIN INLETS LOCATED OUTSIDE OF SURFACE WATER FLOW LINE SHALL BE TYPE 2 WITH SOLID ROUND LOCKING COVERS. FOR STRUCTURES LOCATED IN ROADWAYS, LIDS SHALL NOT BE LOCATED WITHIN THE WHEEL PATH.
13. 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.
14. ALL CATCH BASIN GRATES SHALL BE VANED GRATES OR SOLID LID COVERS. HERRINGBONE GRATES ARE NOT ALLOWED. ALL CATCH BASINS LOCATED IN UNPAVED AREAS MUST HAVE AT LEAST A TWO (2) FEET WIDE AND FOUR (4) INCH THICK ASPHALT RING AROUND THE PERIMETER.
15. 12-INCH IS THE MINIMUM NOMINAL SURFACE WATER CONVEYANCE PIPE DIAMETER TO BE MAINTAINED BY THE CITY.
16. MAXIMUM PIPE RUN BETWEEN STRUCTURES SHALL BE 300 FEET. FOR MAINTENANCE OF STRUCTURES, A TRUCK TURNAROUND SHALL BE PROVIDED. MAXIMUM DISTANCE BETWEEN MAINTENANCE VEHICLE ACCESS AND DRAINAGE STRUCTURE SHALL BE 150 FEET.
17. MINIMUM PIPE SLOPE SHALL BE 0.5%.
18. 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.
19. ROOF AND FOOTING DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM SEPARATELY.
20. ALL PUBLIC STORMWATER FACILITIES SHALL BE DRAINED, JETTED AND CLEANED PRIOR TO PROJECT ACCEPTANCE INCLUDING ALL STORM PONDS, VAULTS, CATCH BASINS AND CONVEYANCE PIPES.
21. ALL PRIVATE STORMWATER FACILITIES SHALL BE DRAINED, JETTED AND CLEANED PRIOR TO FINAL OCCUPANCY.
22. ALL FILTER CATRIDGES SHALL BE INSPECTED EVERY SIX MONTHS DURING THE MAINTENANCE AND DEFECT PERIOD TO PROVIDE PROPER FUNCTION AND SHALL BE REPLACED PRIOR TO RELAESE OF MAINTENANCE AND DEFECT.
23. NOT USED
24. LOW IMPACT DEVELOPMENT (LID) INFILTRATION AND DISPERSION AREAS SHALL BE PROTECTED FROM COMPACTION AND SEDIMENT ACCUMULATION DURING CONSTRUCTION. SCARIFY BOTTOM OF ALL INFILTRATION FACILITIES INCLUDING RAIN GARDENS, BIORETENTION AREAS, POROUS PAVEMENTS, INFILTRATION TRENCHES, DRY WELLS, AND INFILTRATION FACILITIES MINIMUM 12-INCHES PRIOR TO BACKFILL WITH ROCK OR MEDIA. ALL BACKFILL SHALL BE MINIMALLY COMPACTED UP TO 85% DENSITY OR AS SPECIFIED ON PLANS.
25. 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 CITY.
26. PRIOR TO FINAL PLAT APPROVAL, ALL PUBLIC AND PRIVATE STORMWATER FACILITIES SHALL BE CONSTRUCTED AND IN FULL OPERATION. THESE FACILITIES SHALL INCLUDE THE STORMWATER CONVEYANCE SYSTEM, DETENTION, WATER QUALITY, LOW IMPACT DEVELOPMENT BEST MANAGEMENT PRACTICES (LID BMPS) AND ANY REQUIRED MONITORING FACILITIES. THE CONVEYANCE SYSTEM SHALL INCLUDE ALL DRAINAGE STRUCTURES, PIPING, DITCHING, CURB, GUTTER, AND ROAD PAVING WITH THE EXCEPTION OF THE FINAL LIFT OF ASPHALT. UNLESS USED TO REDUCE THE SIZE OF DETENTION OR WATER QUALITY FACILITIES, LID BMPS SUCH AS BASIC DISPERSION AND INFILTRATION DEVICES LOCATED ON INDIVIDUAL SINGLE FAMILY RESIDENTIAL LOTS MAY BE CONSTRUCTED WITH SFR BUILDING PERMIT AND ARE NOT REQUIRED TO BE CONSTRUCTED PRIOR TO FINAL PLAT. IF SINGLE FAMILY LID BMPS WERE USED TO REDUCE THE SIZE OF DETENTION OR WATER FACILITIES (CREDIT GIVEN), LID BMPS SHALL BE CONSTRUCTED AND IN FULL OPERATION PRIOR TO FINAL PLAT APPROVAL.
27. THE DEVELOPER SHALL PURCHASE FROM THE CITY AND INSTALL STORM DRAIN MARKERS AND ADHESIVE, STATING "ONLY RAIN DOWN THE DRAIN", ON ALL CATCH BASINS. INSTALLATION INSTRUCTIONS ARE PROVIDED WITH THE DRAIN MARKERS. PLACEMENT ON ROADWAY ASPHALT SHALL BE AVOIDED.
28. THE 100-YEAR DESIGN ELEVATION OF DOWNSTREAM STORMWATER FACILITIES SUCH AS STORMWATER PONDS OR VAULTS SHALL BE AT OR BELOW ALL PIPE INVERTS. EXCEPTION TO THIS STANDARD IS THE PIPE FROM THE FIRST CATCH BASIN JUST UPSTREAM OF THE STORMWATER FACILITY MAY BE SUBMERGED TO ALLOW PIPE INLET TO FACILITY TO BE SUBMERGED.
29. IMPROVEMENTS AND/OR BUILDINGS SHALL NOT BE INSTALLED UNTIL DRAINAGE FACILITIES ARE "IN OPERATION", (SMC 13.20.060).

ROADWAY PLAN NOTES

1. 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 OR EIGHT (8) INCHES THICK IN COMMERCIAL DRIVEWAY APPROACHES.
2. IN THE CASE OF NEW ROAD CONSTRUCTION OR RECONSTRUCTION REQUIRING MAILBOXES TO BE MOVED OR REARRANGED, THE APPLICANT/CONTRACTOR SHALL COORDINATE WITH THE U.S. POSTAL SERVICE FOR THE NEW LOCATION OF THE MAILBOX STRUCTURE, AND SHALL NOTIFY THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR AND MAILBOX USER(S) OF THE CHANGE A MINIMUM OF TWO (2) WEEKS BEFORE IT OCCURS.
3. 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.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY TRAFFIC CONTROL TO ENSURE TRAFFIC SAFETY DURING CONSTRUCTION ACTIVITIES. THEREFORE, THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY PUBLIC WORKS CONSTRUCTION INSPECTOR AT LEAST 48 HOURS 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.
5. 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.
6. NOT USED
7. SIDEWALK AND CURB AND GUTTER CANNOT BE POURED MONOLITHICALLY. THERE MUST BE A FULL DEPTH EXPANSION JOINT BETWEEN THEM.
8. NOT USED
9. WHEN AN EXISTING ROADWAY IS TO RECEIVE A HALF-STREET OVERLAY, THE EXISTING ROADWAY MUST BE COLD PLANED AT THE EDGE OF THE GUTTER AND CENTERLINE. WHEN THE EXISTING ROADWAY IS TO RECEIVE A FULL-STREET OVERLAY, IT MUST BE COLD PLANED FOR THE FULL WIDTH OF THE ROADWAY.
10. NOT USED
11. NOT USED
12. WHEN INSTALLING NEW SIDEWALK, THE AREA BEHIND THE SIDEWALK MUST BE GRADED SO THAT SURFACE WATER DOES NOT DRAIN OVER THE SIDEWALK.
13. NOT USED
14. NOT USED
15. 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).
16. WHEN CONSTRUCTING NEW CURB AND GUTTER THAT DOES NOT ALIGN WITH THE EXISTING EDGE OF PAVEMENT, THE ROADWAY MUST BE TAPERED AND SHALL MEET THE CURRENT CITY PUBLIC WORKS STANDARDS.
17. 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.
18. ALL PEDESTRIAN ACCESS AREAS INCLUDING SIDEWALKS AND SIDEWALK RAMPS SHALL BE CONSISTENT WITH CURRENT ADA REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL PEDESTRIAN ACCESS MEET CURRENT ADA STANDARDS. WHEN THIS CANNOT BE MET, THE ENGINEER SHALL BE NOTIFIED AND THE ENGINEER WILL PREPARE MAXIMUM EXTENT FEASIBLE (MEF) DOCUMENTATION TO BE REFERENCED WITH THE AS-BUILT DRAWINGS.
19. 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.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

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City of Sammamish Washington

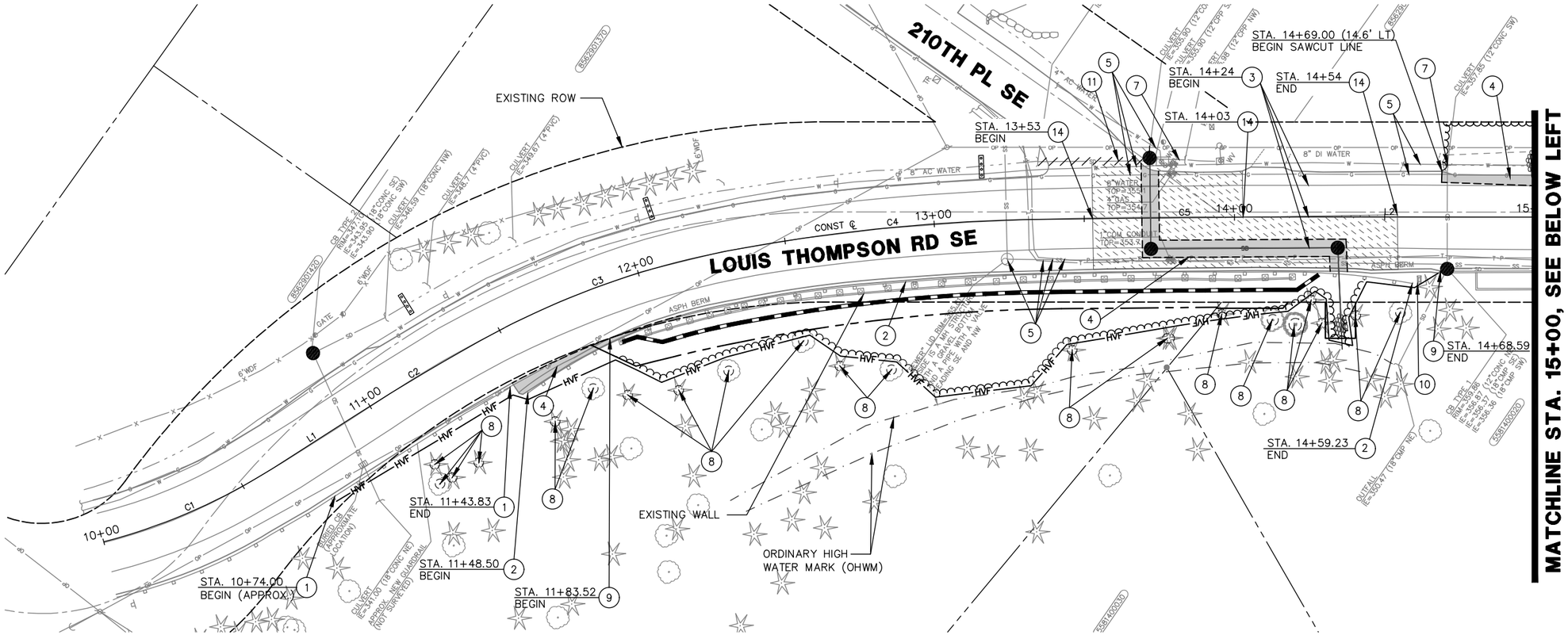
SCOTT B. SOISETH — STATE OF WASHINGTON — 35218 — REGISTERED PROFESSIONAL ENGINEER — 5/23/18

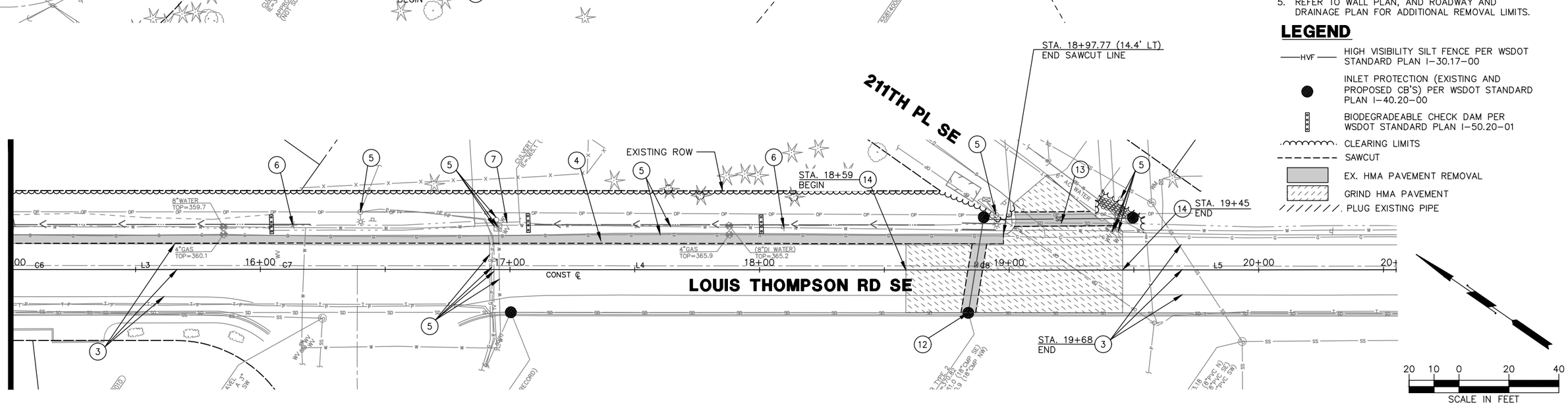
CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

STANDARD NOTES

GN02

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





CONSTRUCTION NOTES

1. REMOVE AND RESET EXISTING GUARDRAIL. PROTECT REMOVED TERMINAL END TO BE RELOCATED TO END OF NEW GUARDRAIL LIMITS. LIMITS OF REMOVAL ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY EXISTING GUARDRAIL REMOVAL LIMITS TO TRANSITION TO NEW GUARDRAIL ALIGNMENT.
2. REMOVE EXISTING GUARDRAIL.
3. REMOVE PAINT LINE.
4. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT.
5. PROTECT EXISTING UTILITIES TO REMAIN.
6. REMOVE AND REPLACE EXISTING SIGN.
7. PROTECT EXISTING STORMDRAIN PIPE.
8. PROTECT EXISTING TREE TO REMAIN.
9. REMOVE EXISTING ASPHALT BERM.
10. PROTECT EXISTING MAILBOX.
11. PLUG EXISTING PIPE.
12. PROTECT EXISTING STRUCTURE.
13. REMOVE EXISTING STORMDRAIN PIPE.
14. GRIND 2–INCH OF EXISTING PAVEMENT. PAVEMENT LIMITS PER SPWS 2–05B

GENERAL NOTES

1. TREES LOCATED NEAR THE CLEARING AND GRUBBING LIMITS SHALL BE PROTECTED WITH HIGH VISIBILITY FENCE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL VERIFY UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES.
3. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHEN PERFORMING WORK BELOW OVERHEAD POWER LINES.
4. SEE ROADWAY AND DRAINAGE PLAN FOR CONSTRUCTION CENTERLINE ALIGNMENT INFORMATION.
5. REFER TO WALL PLAN, AND ROADWAY AND DRAINAGE PLAN FOR ADDITIONAL REMOVAL LIMITS.

LEGEND

- HVF — HIGH VISIBILITY SILT FENCE PER WSDOT STANDARD PLAN I–30.17–00
- INLET PROTECTION (EXISTING AND PROPOSED CB'S) PER WSDOT STANDARD PLAN I–40.20–00
- BIODEGRADEABLE CHECK DAM PER WSDOT STANDARD PLAN I–50.20–01
- CLEARING LIMITS
- SAWCUT
- EX. HMA PAVEMENT REMOVAL
- GRIND HMA PAVEMENT
- PLUG EXISTING PIPE

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CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

SITE PREP AND T.E.S.C. PLAN

EC01

5 OF 16

By: NKW Date: 4:03 PM File: P:\c\COSA0000022\0400CAD\TT\SHEETS\TT-EC-001-COSA0022.dwg Layout: EC01

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

LOUIS THOMPSON CENTERLINE LINE DATA TABLE						
LINE #	LENGTH	BEARING	START STATION	END STATION	START POINT	END POINT
L1	32.49	S67° 10' 11.61"E	10+61.68	10+94.17	N: 224170.12 E:1337799.14	N: 224157.52 E:1337829.08
L2	53.87	S34° 25' 49.58"E	14+24.64	14+78.50	N: 223933.58 E:1338063.36	N: 223889.15 E:1338093.82
L3	66.53	S34° 35' 30.76"E	15+20.77	15+87.30	N: 223854.32 E:1338117.77	N: 223799.56 E:1338155.54
L4	261.74	S34° 27' 41.43"E	16+21.43	18+83.17	N: 223771.44 E:1338174.88	N: 223555.63 E:1338322.99
L5	142.63	S34° 34' 24.41"E	19+12.47	20+55.11	N: 223531.48 E:1338339.60	N: 223414.04 E:1338420.53

LOUIS THOMPSON CENTERLINE CURVE DATA							
Curve #	PC STATION	PI STATION	PT STATION	DELTA	TANGENT	Length	Radius
C1	10+00.00	10+31.09	10+61.68	017° 40' 12"	31.09	61.68	200.00
C2	10+94.17	11+18.16	11+42.13	003° 26' 06"	23.99	47.96	800.00
C3	11+42.13	11+86.72	12+30.53	018° 25' 08"	44.59	88.40	275.00
C4	12+30.53	12+86.51	13+42.16	010° 39' 33"	55.97	111.62	600.00
C5	13+42.16	13+83.40	14+24.64	000° 38' 18"	41.24	82.48	7402.50
C6	14+78.50	14+99.64	15+20.77	000° 09' 41"	21.13	42.26	15000.00
C7	15+87.30	16+04.36	16+21.43	000° 07' 49"	17.07	34.13	15000.00
C8	18+83.17	18+97.82	19+12.47	000° 06' 43"	14.65	29.31	15000.00

LEGEND

- HMA PAVEMENT
- HMA PAVEMENT OVERLAY
- SAWCUT
- GUARDRAIL
- RETAINING WALL
- CHAINLINK FENCE
- STORM PIPE
- ROADSIDE BIORETENTION W/ FLOW DIRECTION
- CATCH BASIN TYPE 2
- CATCH BASIN TYPE 1L
- ROCK PAD

CONSTRUCTION NOTES

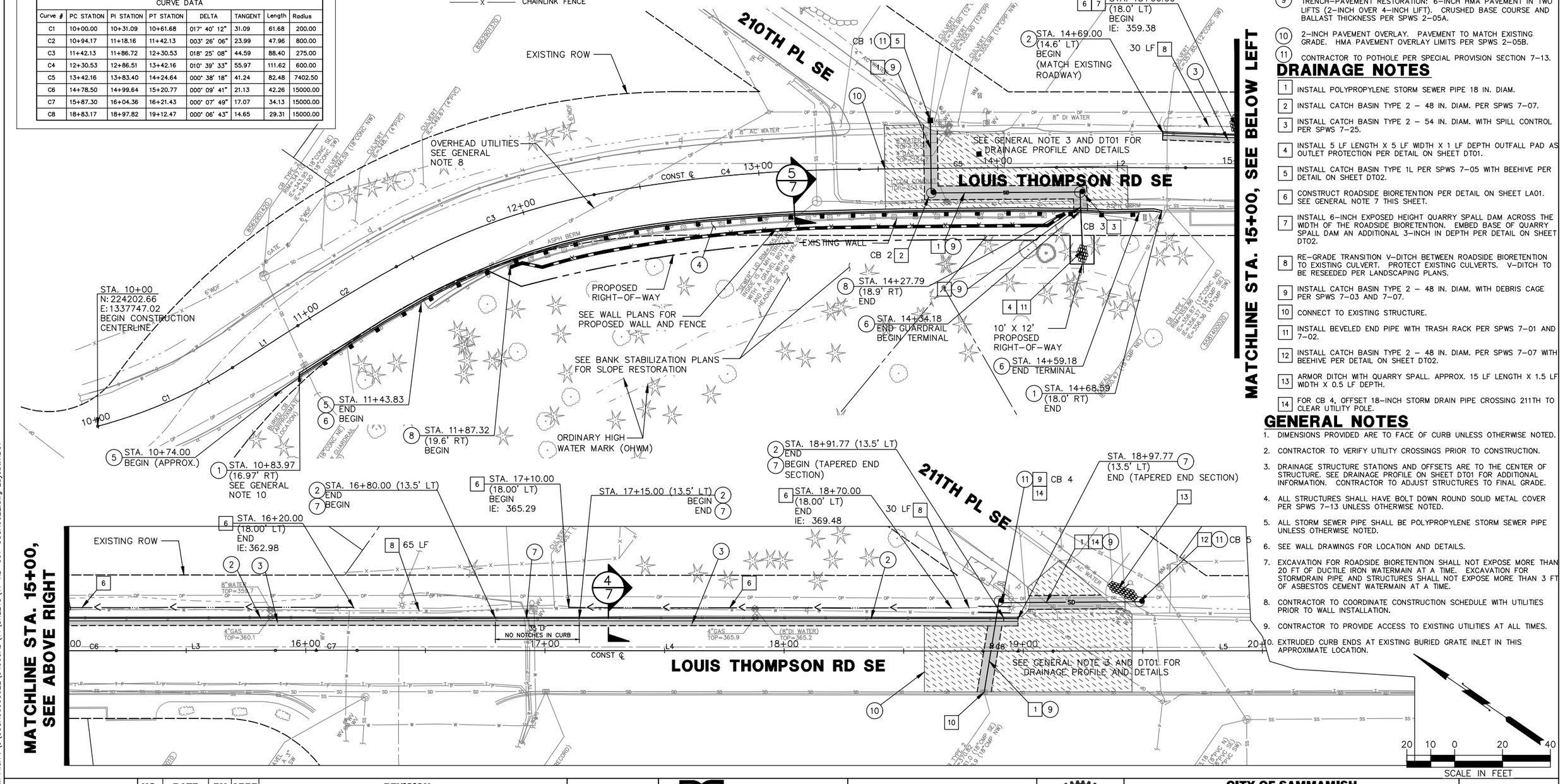
1. INSTALL EXTRUDED CURB TYPE 6 PER SPWS 3-08B. SEE WSDOT STANDARD PLAN C-20.10-04 AND TYPICAL DETAIL ON SHEET DT01 FOR EXTRUDED CURB PLACEMENT WITH GUARDRAIL. FACE OF EXTRUDED CURB TO NOT PROTRUDE BEYOND FACE OF GUARDRAIL.
2. INSTALL NOTCHED CURB AND GUTTER PER DETAIL ON SHEET DT02.
3. HMA PAVEMENT PER DETAIL ON SHEET DT01.
4. INSTALL 6-INCH CRUSHED SURFACING BASE COURSE ABOVE FINISHED WALL LIMITS PER DETAIL ON SHEET DT01.
5. REMOVE AND RESET EXISTING GUARDRAIL. PROTECT REMOVED TERMINAL END TO BE RELOCATED TO END OF NEW GUARDRAIL LIMITS. SEE WSDOT STANDARD PLAN C-20.10-04 FOR PLACEMENT WITH EXTRUDED CURB.
6. INSTALL BEAM GUARDRAIL TYPE 31 PER WSDOT STD. PLAN C-20.10-04. SEE WSDOT STANDARD PLAN C-20.10-04 FOR PLACEMENT WITH EXTRUDED CURB. SEE TYPICAL DETAIL ON SHEET DT01 FOR SECTION ALONG WALL LIMITS. RELOCATED TERMINAL END TO BE PLACED AT END OF NEW GUARDRAIL.
7. INSTALL TYPE A CURB AND GUTTER PER SPWS 3-08A.
8. INSTALL BLACK VINYL COATED CHAIN LINK FENCE TYPE 4 WITH TOP RAIL PER SPWS 3-18.
9. TRENCH-PAVEMENT RESTORATION: 6-INCH HMA PAVEMENT IN TWO LIFTS (2-INCH OVER 4-INCH LIFT). CRUSHED BASE COURSE AND BALLAST THICKNESS PER SPWS 2-05A.
10. 2-INCH PAVEMENT OVERLAY. PAVEMENT TO MATCH EXISTING GRADE. HMA PAVEMENT OVERLAY LIMITS PER SPWS 2-05B.
11. CONTRACTOR TO POTHOLE PER SPECIAL PROVISION SECTION 7-13.

DRAINAGE NOTES

1. INSTALL POLYPROPYLENE STORM SEWER PIPE 18 IN. DIAM.
2. INSTALL CATCH BASIN TYPE 2 – 48 IN. DIAM. PER SPWS 7-07.
3. INSTALL CATCH BASIN TYPE 2 – 54 IN. DIAM. WITH SPILL CONTROL PER SPWS 7-25.
4. INSTALL 5 LF LENGTH X 5 LF WIDTH X 1 LF DEPTH OUTFALL PAD AS OUTLET PROTECTION PER DETAIL ON SHEET DT01.
5. INSTALL CATCH BASIN TYPE 1L PER SPWS 7-05 WITH BEEHIVE PER DETAIL ON SHEET DT02.
6. CONSTRUCT ROADSIDE BIORETENTION PER DETAIL ON SHEET LA01. SEE GENERAL NOTE 7 THIS SHEET.
7. INSTALL 6-INCH EXPOSED HEIGHT QUARRY SPALL DAM ACROSS THE WIDTH OF THE ROADSIDE BIORETENTION. EMBED BASE OF QUARRY SPALL DAM AN ADDITIONAL 3-INCH IN DEPTH PER DETAIL ON SHEET DT02.
8. RE-GRADE TRANSITION V-DITCH BETWEEN ROADSIDE BIORETENTION TO EXISTING CULVERT. PROTECT EXISTING CULVERTS. V-DITCH TO BE RESEEDED PER LANDSCAPING PLANS.
9. INSTALL CATCH BASIN TYPE 2 – 48 IN. DIAM. WITH DEBRIS CAGE PER SPWS 7-03 AND 7-07.
10. CONNECT TO EXISTING STRUCTURE.
11. INSTALL BEVELED END PIPE WITH TRASH RACK PER SPWS 7-01 AND 7-02.
12. INSTALL CATCH BASIN TYPE 2 – 48 IN. DIAM. PER SPWS 7-07 WITH BEEHIVE PER DETAIL ON SHEET DT02.
13. ARMOR DITCH WITH QUARRY SPALL. APPROX. 15 LF LENGTH X 1.5 LF WIDTH X 0.5 LF DEPTH.
14. FOR CB 4, OFFSET 18-INCH STORM DRAIN PIPE CROSSING 211TH TO CLEAR UTILITY POLE.

GENERAL NOTES

1. DIMENSIONS PROVIDED ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO VERIFY UTILITY CROSSINGS PRIOR TO CONSTRUCTION.
3. DRAINAGE STRUCTURE STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURE. SEE DRAINAGE PROFILE ON SHEET DT01 FOR ADDITIONAL INFORMATION. CONTRACTOR TO ADJUST STRUCTURES TO FINAL GRADE.
4. ALL STRUCTURES SHALL HAVE BOLT DOWN ROUND SOLID METAL COVER PER SPWS 7-13 UNLESS OTHERWISE NOTED.
5. ALL STORM SEWER PIPE SHALL BE POLYPROPYLENE STORM SEWER PIPE UNLESS OTHERWISE NOTED.
6. SEE WALL DRAWINGS FOR LOCATION AND DETAILS.
7. EXCAVATION FOR ROADSIDE BIORETENTION SHALL NOT EXPOSE MORE THAN 20 FT OF DUCTILE IRON WATERMAIN AT A TIME. EXCAVATION FOR STORMDRAIN PIPE AND STRUCTURES SHALL NOT EXPOSE MORE THAN 3 FT OF ASBESTOS CEMENT WATERMAIN AT A TIME.
8. CONTRACTOR TO COORDINATE CONSTRUCTION SCHEDULE WITH UTILITIES PRIOR TO WALL INSTALLATION.
9. CONTRACTOR TO PROVIDE ACCESS TO EXISTING UTILITIES AT ALL TIMES.
10. EXTRUDED CURB ENDS AT EXISTING BURIED GRATE INLET IN THIS APPROXIMATE LOCATION.



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SCALE IN FEET

By: NKW Date: 4:03 PM File: P:\c\COSA0000022\0400CAD\TT\SHEETS\TT-RD-001-COSA0022.dwg Layout: RD01

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NO.	DATE	BY	APPR	REVISION

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DSGN: NKW
DRN: OXA
CHKD: MLF
DATE: 5/22/2018
SCALE: AS NOTED

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

City of Sammamish Washington

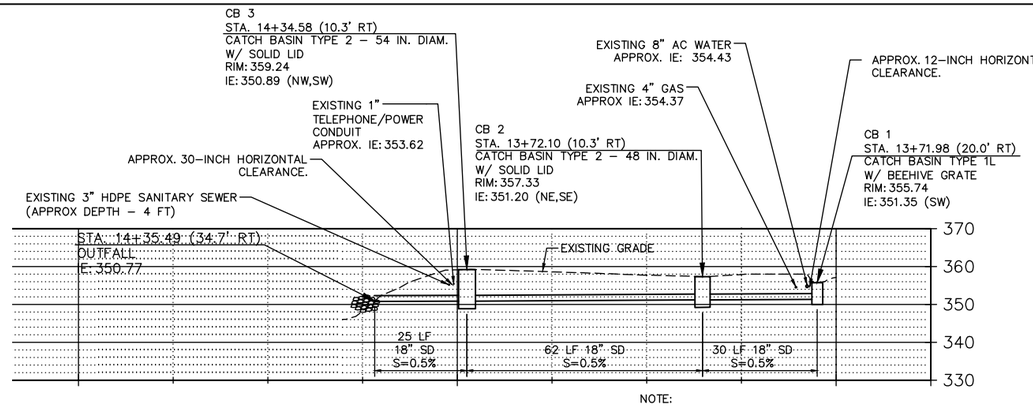
SCOTT B. SOISETH — STATE OF WASHINGTON — 35218 — REGISTERED PROFESSIONAL ENGINEER — 5/23/18

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

RD01

ROADWAY AND DRAINAGE PLAN

6 OF 16

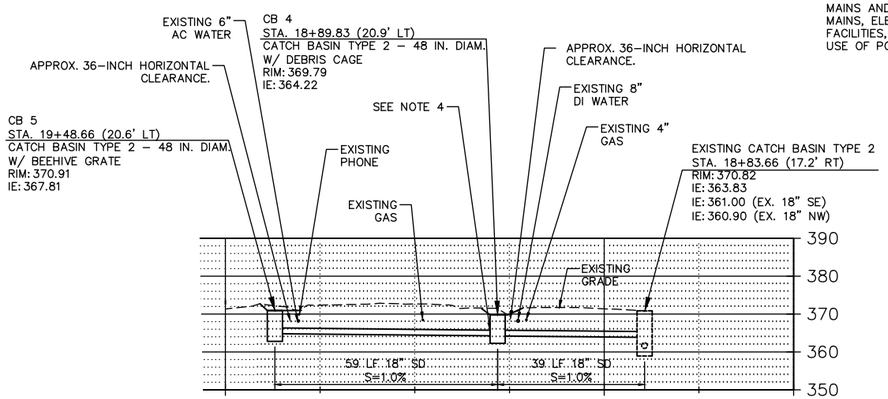


NOTE:

1. APPROXIMATE LOCATION OF UTILITY CROSSINGS. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
2. WATERMAIN THRUST BLOCKS SHOULD NOT BE EXPOSED.
3. EXCAVATION FOR STORMDRAIN PIPE AND STRUCTURES SHALL NOT EXPOSE MORE THAN 3 FT OF ASBESTOS CEMENT WATERMAIN AT A TIME.
4. PER SPECIAL PROVISION 7-08, THE MINIMUM CLEARANCE SPACING BETWEEN THE OUTSIDE OF WATER MAINS AND STORM DRAIN PIPELINES, SHALL BE 18 INCHES. FOR STORM DRAIN CROSSINGS WITH GAS MAINS, ELECTRICAL OR COMMUNICATION CONDUITS, AND SEWER PIPE AND OTHER UNDERGROUND UTILITY FACILITIES, MINIMUM CLEARANCE SPACING SHALL BE 12 INCHES. IF CLEARANCE IS NOT POSSIBLE, THE USE OF POLYETHYLENE FOAM PADS MAY BE ALLOWED WITH APPROVAL FROM THE ENGINEER.

1 – DRAINAGE PROFILE 1

NOT TO SCALE



NOTE:

1. APPROXIMATE LOCATION OF UTILITY CROSSINGS. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
2. WATERMAIN THRUST BLOCK SHOULD NOT BE EXPOSED.
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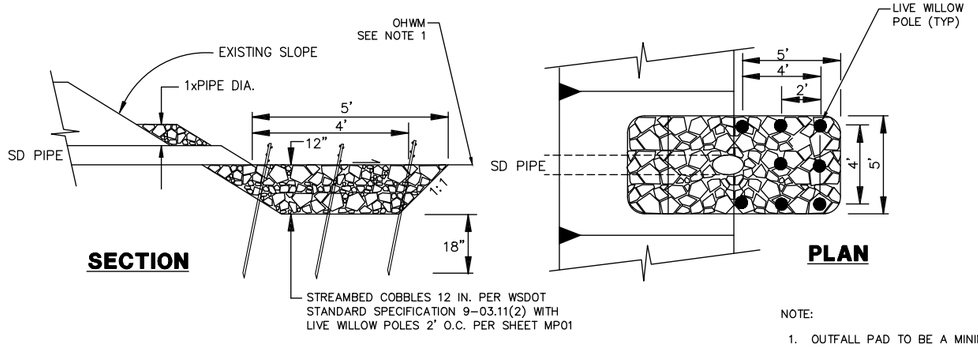
5. FOR CB 4, OFFSET 18-INCH STORM DRAIN PIPE CROSSING 211TH TO CLEAR UTILITY POLE.

2 – DRAINAGE PROFILE 2

NOT TO SCALE

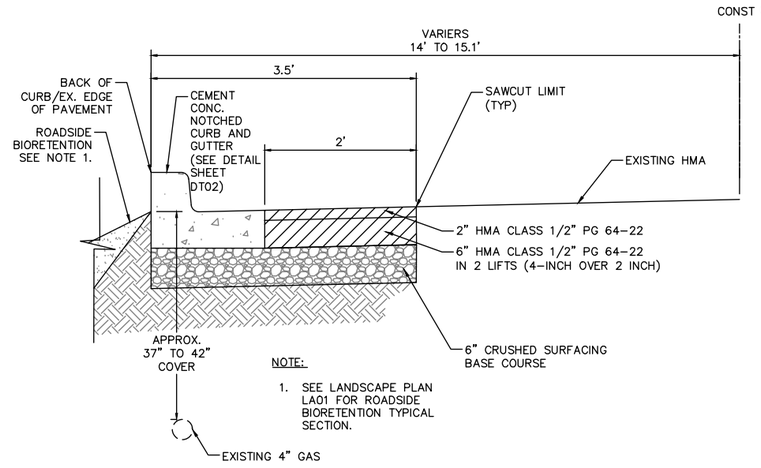


NOTE:

1. OUTFALL PAD TO BE A MINIMUM OF 1 FT FROM OUTSIDE OF ORDINARY HIGH WATER MARK.
2. CUT LIVE WILLOW POLES TO A POINT AND DRIVE BETWEEN COBBLES, IN PRE-AUGERED HOLES, WITH LEAF NODES FACING UP.

3 – OUTLET PROTECTION DETAIL

NOT TO SCALE

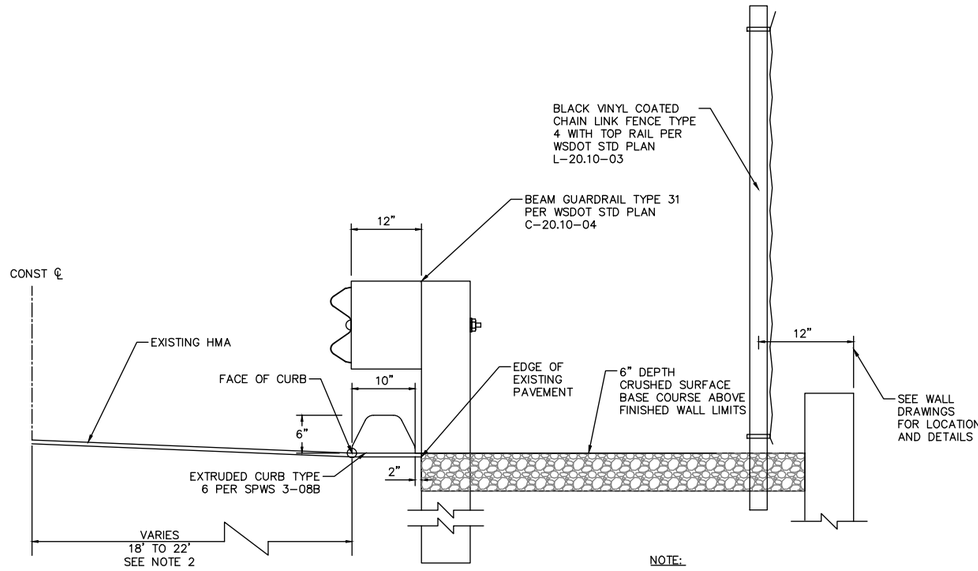


NOTE:

1. SEE LANDSCAPE PLAN LA01 FOR ROADSIDE BIORETENTION TYPICAL SECTION.

4 – TYPICAL HMA PAVEMENT SECTION

NOT TO SCALE



NOTE:

1. SEE WALL PLANS FOR LIMITS OF WALL.
2. BACK OF EXTRUDED CURB TO BE PLACED 2" FROM EDGE OF EXISTING ROADWAY.
3. SEE WSDOT STANDARD PLAN C-20.10-04 FOR GUARDRAIL PLACEMENT WITH EXTRUDED CURB. CONTRACTOR TO VERIFY GUARDRAIL PLACEMENT PRIOR TO INSTALLATION.

5 – CURB AND BEAM GUARDRAIL SECTION

NOT TO SCALE

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NO.	DATE	BY	APPR	REVISION

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CHKD: MLF
DATE: 5/22/2018
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DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

City of Sammamish Washington

SCOTT B. SOISETH
STATE OF WASHINGTON
35218
REGISTERED
PROFESSIONAL ENGINEER
5/25/18

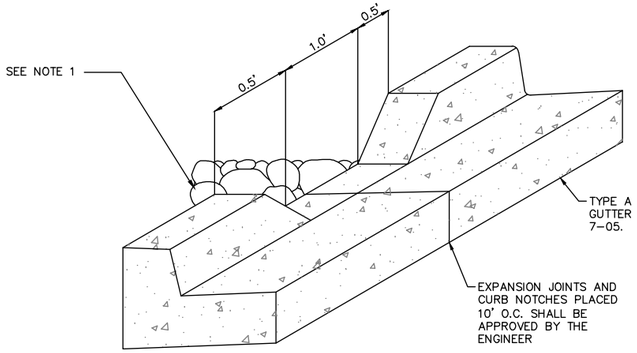
CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

DT01

TYPICAL SECTIONS AND DETAILS

7 OF 16

By: NKW Date: 4:04 PM File:P:\c\COSA0000022\0400CAD\TI\SHEETS\TI-DT-001-COSA0022.dwg Layout:DT01

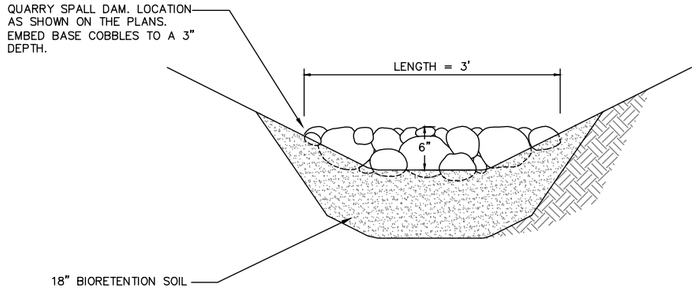


NOTE:

1. PLACE QUARRY SPALL SPLASH PAD (18" X 18" X 4" DEPTH) AT EACH NOTCH AND ANGLED AT 45 DEGREES TO MATCH FLOW PATTERN.

1 — CEMENT CONCRETE NOTCHED CURB AND GUTTER DETAIL

NOT TO SCALE

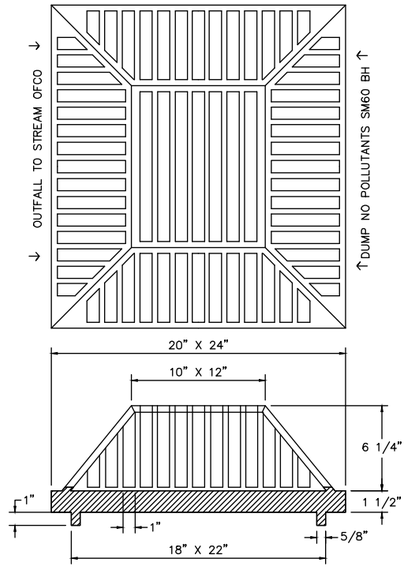


NOTE:

1. SEE LANDSCAPE PLAN LA01 FOR ROADSIDE BIORETENTION TYPICAL SECTION.
2. QUARRY SPALL DAM WIDTH = 1 FT.

2 — QUARRY SPALL DAM DETAIL

NOT TO SCALE



NOTE:

1. BEEHIVE GRATE SHALL BE H-20 LOADING.
2. MATERIAL SHALL BE DUCTILE IRON ASTM A536, CL80-55-06.

3 — BEEHIVE GRATE DETAIL

NOT TO SCALE

By: NKW Date: 4:04 PM File:P:\c\COSA00000022\0400CAD\TT\SHEETS\TT-DT-001-COSA0022.dwg Layout:DT02

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DRN: EWBO
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14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

City of Sammamish Washington

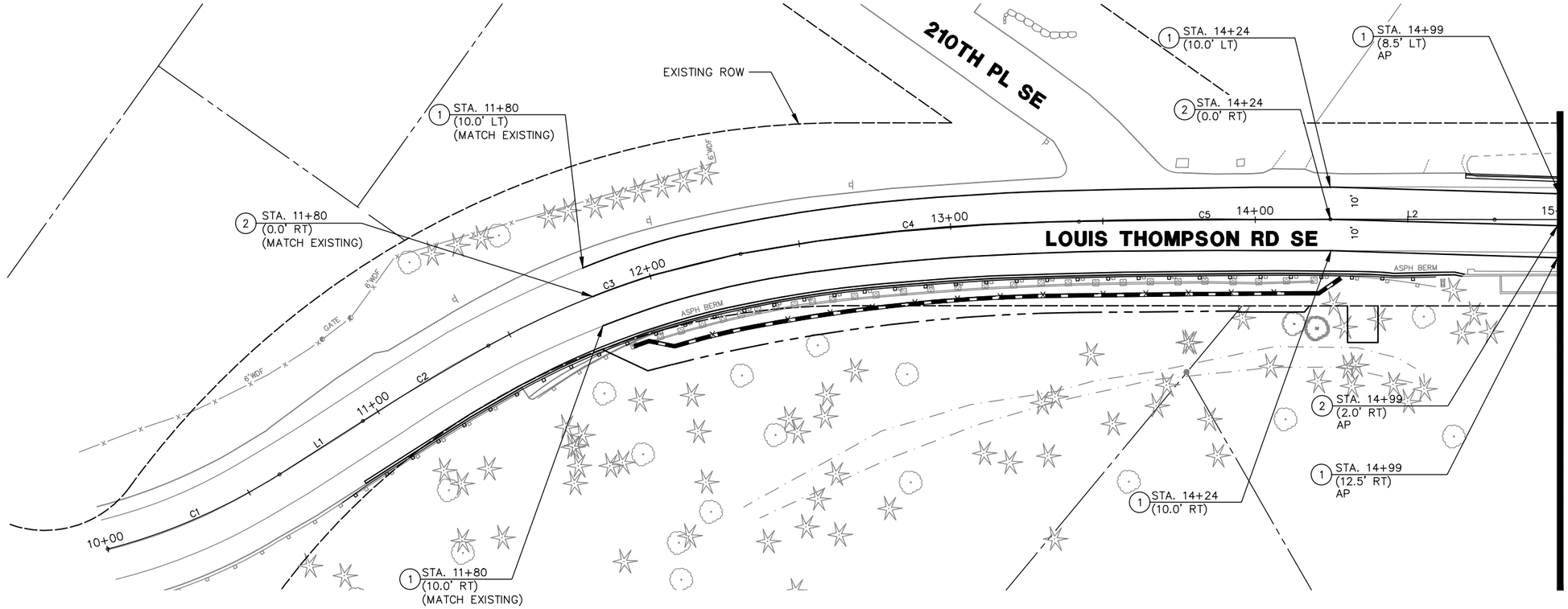
SCOTT B. SOISETH — STATE OF WASHINGTON — 35218 — REGISTERED PROFESSIONAL ENGINEER — 5/23/18

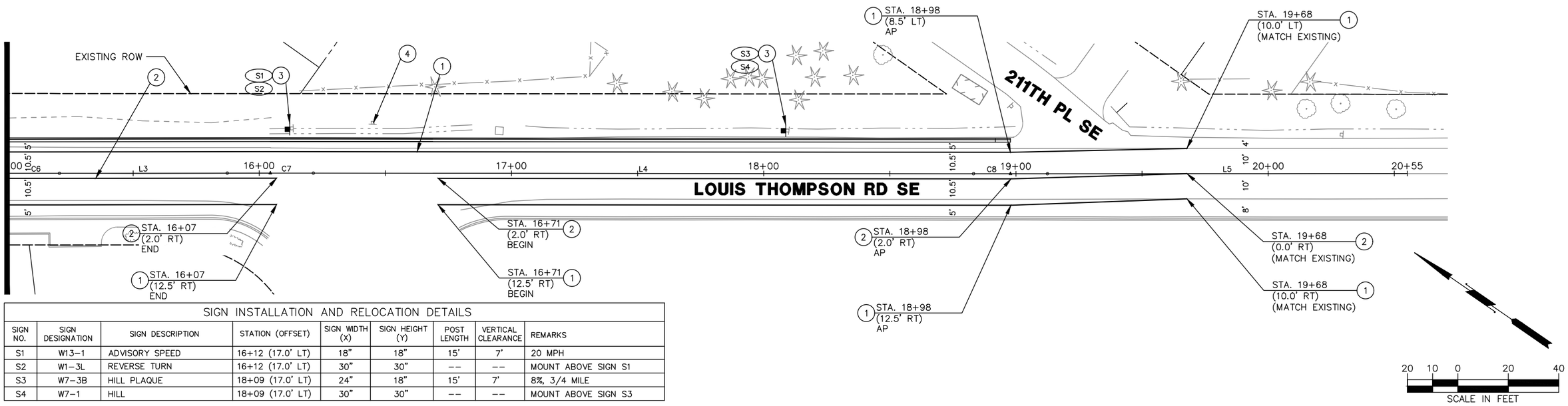
CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY **WASHINGTON**

TYPICAL SECTIONS AND DETAILS

DT02

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





CONSTRUCTION NOTES

1. 8" WHITE PAINTED LINE PER SPWS 4–03A.
2. PAINTED DOUBLE YELLOW CENTERLINE STRIPE PER SPWS 4–03A. INSTALL TYPE 2YY RPMS AT 40' O.C. PER SPWS 4–03B.
3. REMOVE AND REPLACE EXISTING PERMANENT SIGNAGE. SEE SIGN SCHEDULE THIS SHEET. SIGN INSTALLATION PER SPWS 4–06.
4. PROTECT EXISTING SIGNAGE.

ROADWAY LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- S1 NEW SIGN LOCATION

SIGN NOTES

1. FOR PERMANENT SIGNING, YELLOW ADVISORY SIGNS SHALL HAVE MUTCD COMPLIANT VERTICAL RETROREFLECTIVE STRIPS INSTALLED ON SIGN SUPPORTS.
2. RETROREFLECTIVE MATERIAL USED ON THE SIGN SUPPORT SHALL BE AT LEAST 2 INCHES IN WIDTH, IT SHALL BE PLACED FOR THE FULL LENGTH OF THE SUPPORT FROM THE SIGN TO WITHIN 2 FEET ABOVE THE EDGE OF THE ROADWAY, AND ITS COLOR SHALL MATCH THE BACKGROUND COLOR OF THE SIGN, EXCEPT THAT THE COLOR OF THE STRIP FOR THE YIELD AND DO NOT ENTER SIGNS SHALL BE RED. VIS–Z–SHIELD OR APPROVED EQUAL.

SIGN INSTALLATION AND RELOCATION DETAILS

SIGN NO.	SIGN DESIGNATION	SIGN DESCRIPTION	STATION (OFFSET)	SIGN WIDTH (X)	SIGN HEIGHT (Y)	POST LENGTH	VERTICAL CLEARANCE	REMARKS
S1	W13–1	ADVISORY SPEED	16+12 (17.0' LT)	18"	18"	15'	7'	20 MPH
S2	W1–3L	REVERSE TURN	16+12 (17.0' LT)	30"	30"	--	--	MOUNT ABOVE SIGN S1
S3	W7–3B	HILL PLAQUE	18+09 (17.0' LT)	24"	18"	15'	7'	8%, 3/4 MILE
S4	W7–1	HILL	18+09 (17.0' LT)	30"	30"	--	--	MOUNT ABOVE SIGN S3

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NO.	DATE	BY	APPR	REVISION

JOB#: COSA0022
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DRN: OXA
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City of Sammamish Washington

SCOTT B. SOISETH — STATE OF WASHINGTON — 25218 — REGISTERED PROFESSIONAL ENGINEER

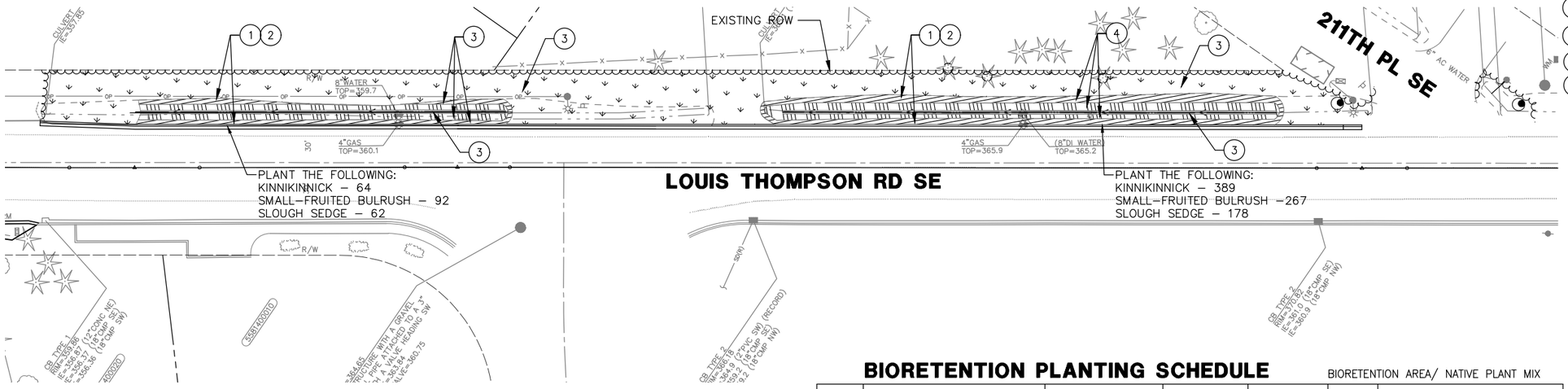
CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

CH01

CHANNELIZATION AND SIGNING PLAN

9 OF 16

By: NKW Date: 4:04 PM File:P:\c\COSA0000022\0400CAD\TT\SHEETS\TT-CH-001-COSA0022.dwg Layout:CH01



CONSTRUCTION NOTES

1. EXCAVATE 24" OF EXISTING SOIL
2. CONSTRUCT ROADSIDE BIORETENTION PER DETAIL THIS SHEET
3. SEEDING, FERTILIZING AND MULCHING
4. INSTALL BIORETENTION PLANTINGS

GENERAL NOTES

1. SEE THIS SHEET FOR BIORETENTION AREA PREPARATION

BIORETENTION PLANTING SCHEDULE

BIORETENTION AREA/ NATIVE PLANT MIX

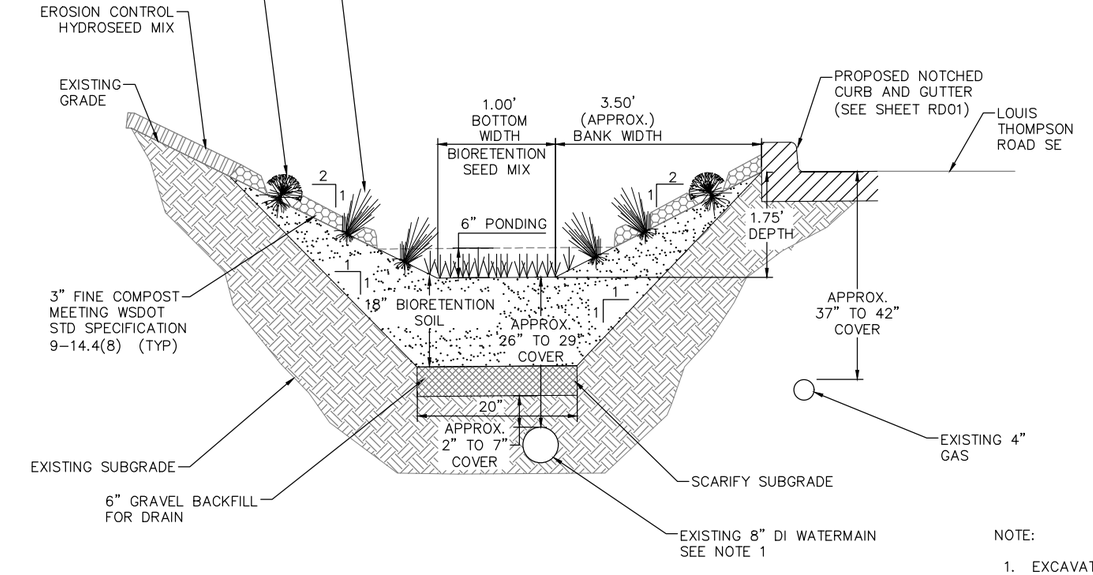
SYMBOL	BOTANICAL NAME	COMMON NAME	COND.	SPACIING	QNTY	REMARKS
	ARCTOSTAPHYLOS URVA–URSI	KINNIKINNICK	4" POTS	12" O.C.	453	FULL WITH LEADERS
	SCIRPUS MICROCARPUS	SMALL–FRUITED BULRUSH	ROOT STOCK	12" O.C.	359	FULL AND WELL BRANCHED, SEE NOTE 1
	CAREX OBNUPTA	SLOUGH SEDGE	ROOT STOCK	12" O.C.	240	FULL AND WELL BRANCHED, SEE NOTE 1

NOTE:

1. INSTALL SCIRPUS AND CAREX PLANTS IN RANDOM GROUPS OF 4–6, LIKE PLANTS PER GROUP AT 12" ON CENTER SPACING.

LEGEND

- CLEARING LIMITS – TREES TO REMAIN
- EROSION CONTROL HYDROSEED MIX
- NOT SHOWN — BIORETENTION HYDROSEED MIX (BOTTOM OF BIORETENTION)



BIORETENTION HYDROSEED MIX

KIND/VARIETY	% BY WEIGHT	MIN. % GERM
RICE CUTGRASS	45%	90%
WESTERN MANA GRASS	40%	90%
CANADA REED	10%	90%
SPIKE BENTGRASS	3%	90%
WOOL–GRASS	2%	90%

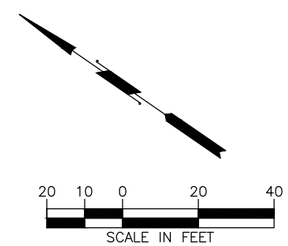
APPLICATION RATE:	75 LBS/ACRE
CANFOR WOOD CELLULOSE ECO–FIBER MULCH:	1,800 LBS/ACRE
FERTILIZER:	NA
CANFOR ECO–TAC GUAR TACKIFIER:	80 LBS/ACRE

NOTE:

1. EXCAVATION FOR ROADSIDE BIORETENTION SHALL NOT EXPOSE MORE THAN 20 FT OF WATERMAIN AT A TIME.

1 – ROADSIDE BIORETENTION DETAIL

NOT TO SCALE



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DSGN: JCGA
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CHKD: JCGA
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14432 SE Eastgate Way, Suite 400
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Phone: 425.519.6500

City of Sammamish Washington

STATE OF WASHINGTON · JON C. GAGE · 5238 · REGISTERED LANDSCAPE ARCHITECT · EXP. 03/07/2020

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY **WASHINGTON**

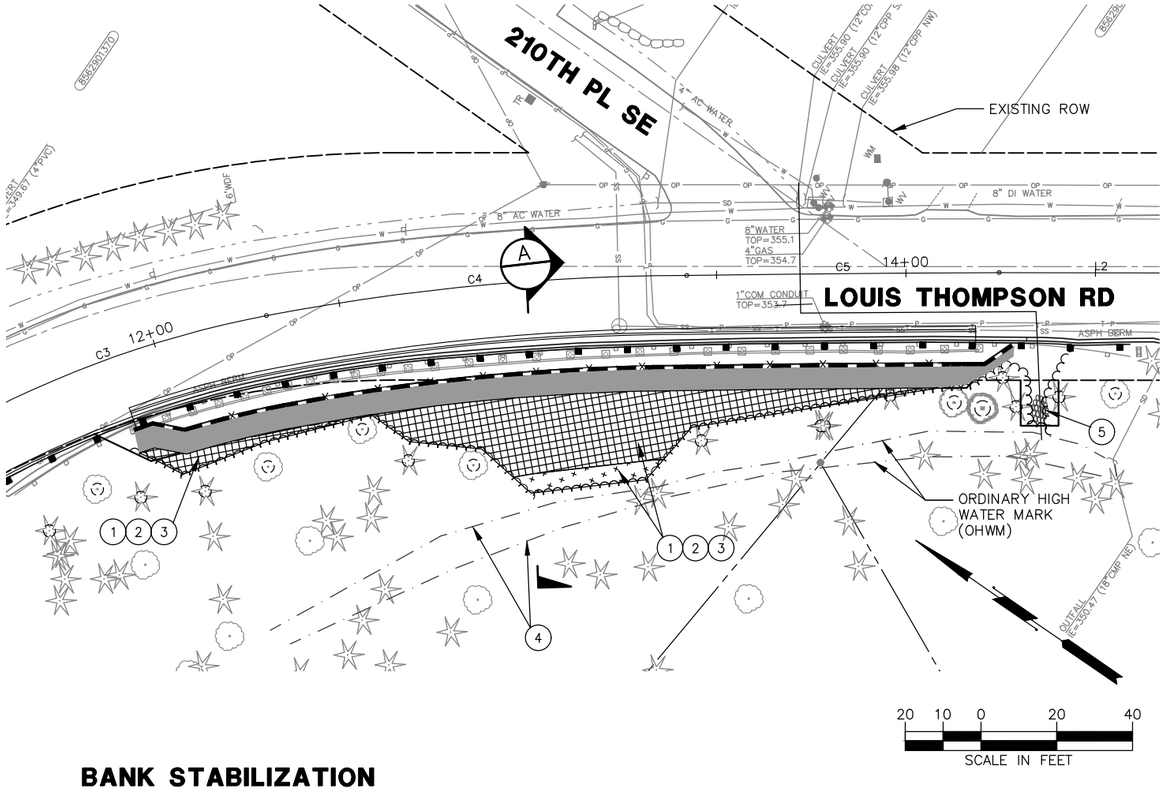
LANDSCAPE PLAN

LA01

10 OF 16

By: GBK Date:9:01 AM File:P:\c\COSA00000022\0400CAD\TT\SHEETS\TT-LP-001-COSA0022.dwg Layout:LA01

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



LEGEND

- CLEARING LIMITS
- CRUSHED LEDGE ROCK (SEE STRUCTURAL SHEET WD01)
- UPPER BANK STABILIZATION PLANTING AREA
- LOWER BANK STABILIZATION PLANTING AREA

CONSTRUCTION NOTES

1. CLEAR AND GRUB EXISTING VEGETATION. SMOOTH GRADE SLOPE PLANTING AREA AND COMPACT TO 85%.
2. INSTALL BIODEGRADABLE EROSION CONTROL BLANKET MEETING WSDOT STANDARD SPECIFICATION 9-14.5(2)B, AND APPLY EROSION CONTROL SEEDING, FERTILIZING AND MULCHING.
3. INSTALL NATIVE PLANTINGS AND PIT-AMEND WITH 1:1 MIXTURE OF FINE COMPOST MEETING WSDOT STANDARD SPECIFICATION 9-14.4(8) AND NATIVE SOIL.
4. NO WORK SHALL OCCUR BELOW THE ORDINARY HIGH WATER MARK (OHWM). CONTRACTOR SHALL SURVEY AND STAKE LIMITS OF OHWM PRIOR TO INSTALLATION OF HIGH VISIBILITY FENCE
5. INSTALL WILLOW POLES AT OUTLET. SEE OUTLET PROTECTION DETAIL, SHEET DT01 FOR LAYOUT.

GENERAL NOTES

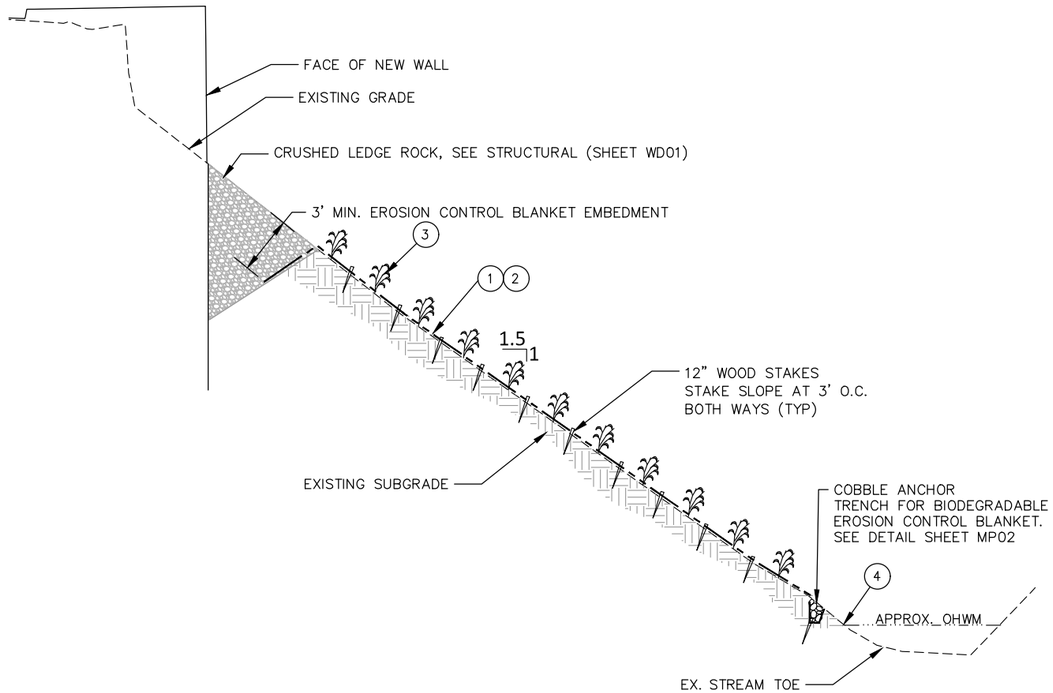
1. SEE SHEET MP02 FOR PLANTING DETAILS AND BANKS STABILIZATION DETAIL.

BANK STABILIZATION PLANTING SCHEDULE

BOTANICAL NAME	COMMON NAME	SIZE	COND.	SPACIING	QNTY	REMARKS
ACER CIRCINATUM	VINE MAPLE	18"-24" HT. MIN.	2 GAL.	6' O.C.	10	MULTI-STEMMED, SEE NOTE 1
RUBUS PARVIFLORUS	THIMBLEBERRY	12"-16" HT. MIN.	1 GAL.	3' O.C.	41	FULL AND WELL BRANCHED, SEE NOTE 2
SYMPHORICARPOS ALBUS	SNOWBERRY	12"-16" HT. MIN.	1 GAL.	3' O.C.	62	FULL AND WELL BRANCHED, SEE NOTE 2
ROSA GYMNOCARPA	BALD-HIP ROSE	12"-16" HT. MIN.	1 GAL.	3' O.C.	41	FULL AND WELL BRANCHED, SEE NOTE 2
POLYSTICHUM MUNITUM	SWORD FERN	12"-16" HT. MIN.	1 GAL.	3' O.C.	41	FULL AND WELL BRANCHED, SEE NOTE 2
SALIX SITCHENSIS	SITKA WILLOW	12"-16" HT. MIN.	1 GAL.	3' O.C.	15	FULL AND WELL BRANCHED
SALIX SITCHENSIS	SITKA WILLOW	1"-2" DIA. x 3.5' HT	POLES	2' O.C.	8	

NOTES:

1. DISTRIBUTE PLANTS IN EACH PLANT SPECIES EQUALLY ACROSS THE SITE.
2. LOCATE IN RANDOM GROUPS OF 3-4 LIKE SPECIES.



A — TYPICAL BANK STABILIZATION SECTION

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NO.	DATE	BY	APPR	REVISION

JOB#: COSA0022
DSGN: JCGA
DRN: GBK
CHKD: JCGA
DATE: 5/23/2018
SCALE: AS NOTED

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

City of Sammamish Washington

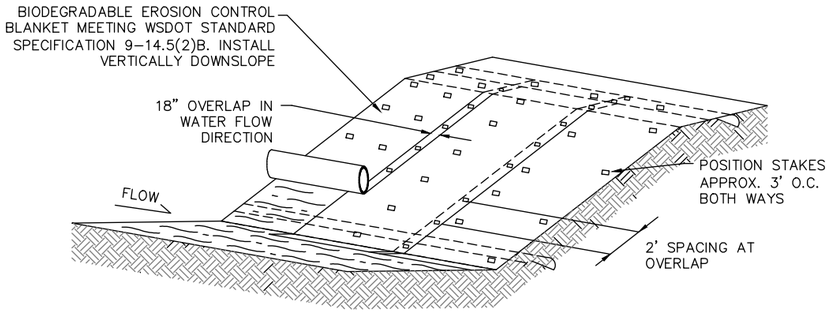
STATE OF WASHINGTON JON C. GAGE 5-24-18 EXP 03/11/2019 LANDSCAPE ARCHITECT

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY **WASHINGTON**

MP01

BANK STABILIZATION PLAN

11 OF 16



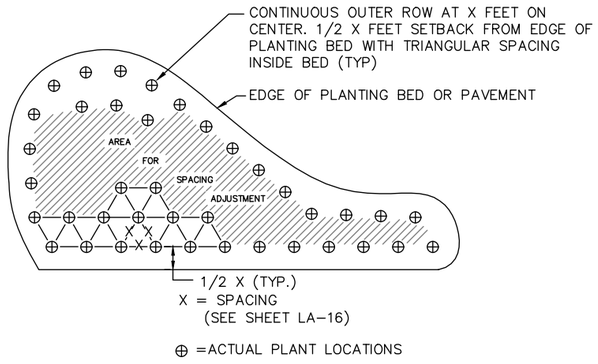
AXONOMETRIC VIEW

NOTES

1. SLOPE SURFACE SHOULD BE FREE OF CLODS, STICKS, ROCKS, AND GRASS.
2. LAY EROSION CONROL BLANKET LOOSELY AND STAKE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH THE FABRIC.
3. INSTALL 2"x2"x12" LONG WOODEN STAKES AT 3' O.C. PROVIDE STAKES ON ALL OVERLAPPING AREAS. DRIVE STAKES UNTIL ALL BUT 2" OF CROWN IN ABOVE FABRIC.

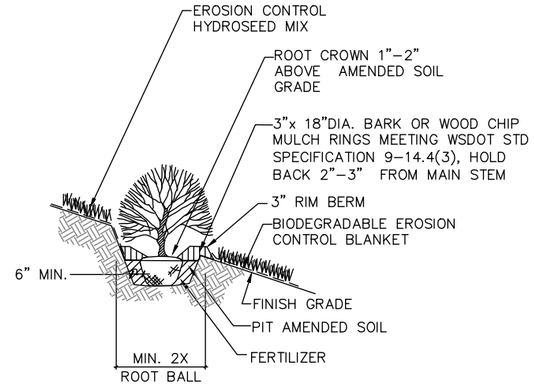
BIODEGRADABLE EROSION CONTROL BLANKET

NOT TO SCALE



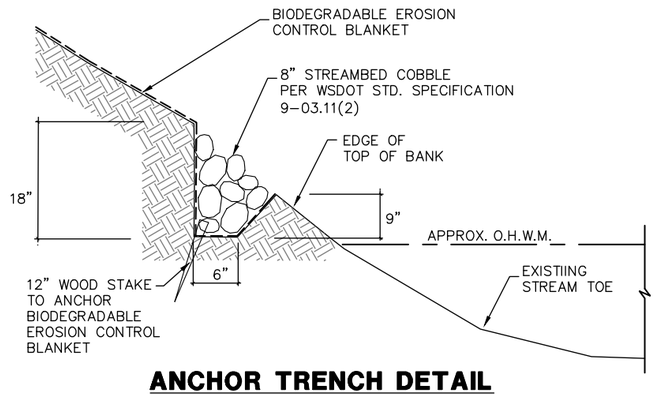
PLANTING SPACING

NOT TO SCALE



SHRUB PLANTING ON SLOPE

NOT TO SCALE



ANCHOR TRENCH DETAIL

NOT TO SCALE

NO.	DATE	BY	APPR	REVISION

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

JOB#: COSA0022
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City of Sammamish Washington

STATE OF WASHINGTON · JON C. GAGE · 5-23-18 · EXP. 03/27/2020 · LANDSCAPE ARCHITECT

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

BANK STABILIZATION DETAILS

MP02

12 OF 16

GENERAL NOTES

1. ALL MATERIAL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, DATED 2018, AND AMENDMENTS,
2. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS – 7TH EDITION – 2014 WITH INTERIMS THRU 2016.
3. STRUCTURAL STEEL FOR SOLDIER PILES SHALL CONFORM TO ASTM A992. SOLDIER PILES SHALL BE PAINTED TO THE LIMITS SHOWN IN THE PLANS IN ACCORDANCE WITH WSDOT STD. SPECIFICATION SECTION 6–16.3(4).
4. THE SOLDIER PILE SHAFT SHALL BE BACKFILLED WITH EITHER CONTROLLED DENSITY FILL OR PUMPABLE LEAN CONCRETE IN ACCORDANCE WITH WSDOT STD. SPECIFICATION SECTION 6–16.3(5).
5. EXISTING GROUND LINE IS APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO SHOP DRAWING PRODUCTION AND CONSTRUCTION.
6. ALTERNATIVE PILE SECTIONS MAY BE SUBMITTED TO THE ENGINEER FOR APPROVAL. PILE SECTIONS SHOULD HAVE THE SAME OR GREATER SECTION MODULUS AND MOMENT OF INERTIA AND MAINTAIN A MINIMUM OF 3" CLEAR FROM THE EDGE OF THE SHAFT.

PILE SCHEDULE

PILE NO.	STATION*	OFFSET* (FT)	PILE SECTION	SHAFT DIAMETER	EMBEDMENT "D"	TOTAL PILE LENGTH
1	11+92.79	20.48 RT	W21X111	3'–0"	32'–6"	47'–3"
2	12+00.95	24.01 RT	W21X111	3'–0"	32'–6"	47'–6"
3	12+08.65	24.01 RT	W21X111	3'–0"	32'–6"	47'–7"
4	12+16.34	24.01 RT	W21X111	3'–0"	32'–6"	47'–10"
5	12+23.49	24.01 RT	W21X111	3'–0"	32'–6"	48'–0"
6	12+30.08	24.01 RT	W21X111	3'–0"	32'–6"	48'–2"
7	12+35.84	24.01 RT	W21X111	3'–0"	32'–6"	48'–6"
8	12+42.10	24.01 RT	W21X111	3'–0"	32'–6"	48'–10"
9	12+48.36	24.01 RT	W21X111	3'–0"	32'–6"	49'–2"
10	12+54.62	23.89 RT	W24X192	3'–0"	40'–6"	57'–6"
11	12+61.92	23.89 RT	W24X192	3'–0"	40'–6"	55'–11"
12	12+69.22	23.89 RT	W24X192	3'–0"	40'–6"	56'–2"
13	12+78.61	23.89 RT	W24X192	3'–0"	40'–6"	56'–7"
14	12+88.00	23.89 RT	W24X192	3'–0"	40'–6"	56'–11"
15	12+96.35	23.89 RT	W24X192	3'–0"	40'–6"	57'–3"
16	13+05.73	23.89 RT	W24X192	3'–0"	40'–6"	57'–8"
17	13+15.12	23.89 RT	W24X192	3'–0"	40'–6"	57'–11"
18	13+24.51	23.89 RT	W24X192	3'–0"	40'–6"	58'–2"
19	13+33.90	23.89 RT	W24X192	3'–0"	40'–6"	58'–5"
20	13+42.94	23.89 RT	W24X192	3'–0"	40'–6"	58'–8"
21	13+51.97	23.89 RT	W24X117	3'–0"	33'–6"	47'–7"
22	13+61.00	23.89 RT	W24X117	3'–0"	33'–6"	47'–10"
23	13+70.03	23.89 RT	W24X117	3'–0"	33'–6"	48'–1"
24	13+79.06	23.89 RT	W24X117	3'–0"	33'–6"	48'–4"
25	13+88.09	23.89 RT	W24X117	3'–0"	33'–6"	46'–0"
26	13+97.13	23.89 RT	W24X117	3'–0"	33'–6"	46'–4"
27	14+06.15	23.89 RT	W24X117	3'–0"	33'–6"	44'–6"
28	14+15.18	23.89 RT	W24X117	3'–0"	33'–6"	43'–7"
29	14+20.69	23.89 RT	W24X117	3'–0"	33'–6"	42'–7"
30	14+27.89	19.07 RT	W24X117	3'–0"	33'–6"	42'–9"

*STATIONS AND OFFSETS ARE BASED ON CONST ℄ AND ARE TAKEN TO THE CENTER OF PILE SHAFT AND PILE SECTION.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NO.	DATE	BY	APPR	REVISION

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DRN: EWBO
CHKD: MCF
DATE: 5/22/2018
SCALE: AS NOTED

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

City of Sammamish Washington

CHRISTOPHER F. MACKEREL — STATE OF WASHINGTON — 52655 — PROFESSIONAL ENGINEER — 5/25/18

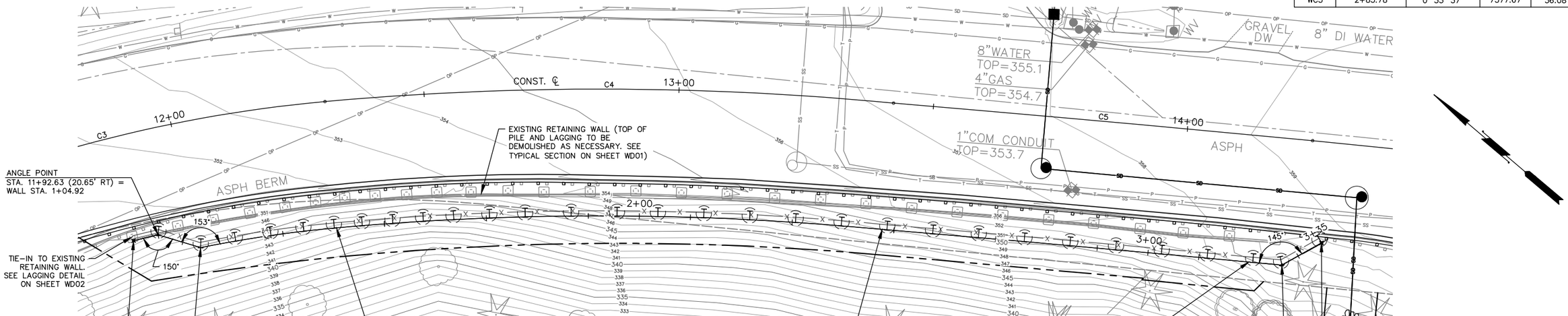
CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

WN01

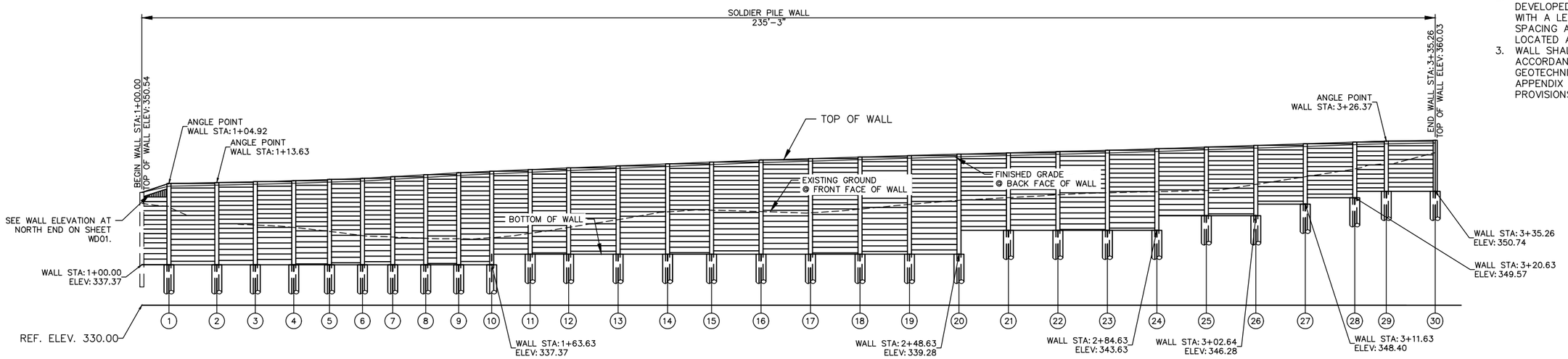
WALL GENERAL NOTES

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

CURVE DATA					
CURVE	P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
WC1	1+27.10	6° 10' 02"	250.03'	13.47'	26.91'
WC2	1+94.28	10° 40' 27"	575.17'	53.73'	107.15'
WC3	2+83.78	0° 33' 37"	7377.67	36.08'	72.16'



PLAN



DEVELOPED ELEVATION

NOTES

1. FOR SOLDIER PILE AND LAGGING DETAILS SEE SHEET WD01.
2. WALL HORIZONTAL CURVES MAY BE DEVELOPED USING LINEAR SEGMENTS WITH A LENGTH EQUAL TO THE PILE SPACING AND ANGLE POINTS LOCATED AT THE PILE CENTERLINE.
3. WALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL RECOMMENDATION IN APPENDIX C OF THE SPECIAL PROVISIONS.

10 5 0 10 20
SCALE IN FEET

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

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City of Sammamish Washington

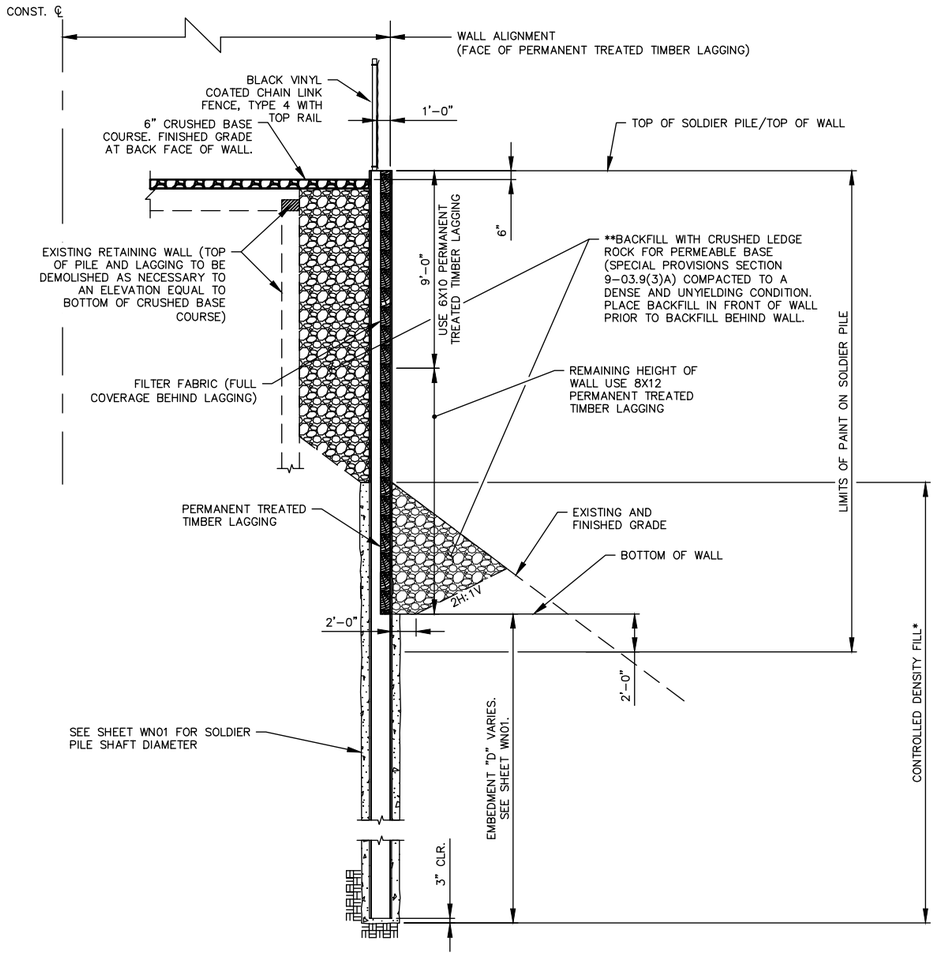
CHRISTOPHER FERMOILE — STATE OF WASHINGTON — 51559 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER — 5/25/18

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY **WASHINGTON**

WALL PLAN AND ELEVATION

WL01

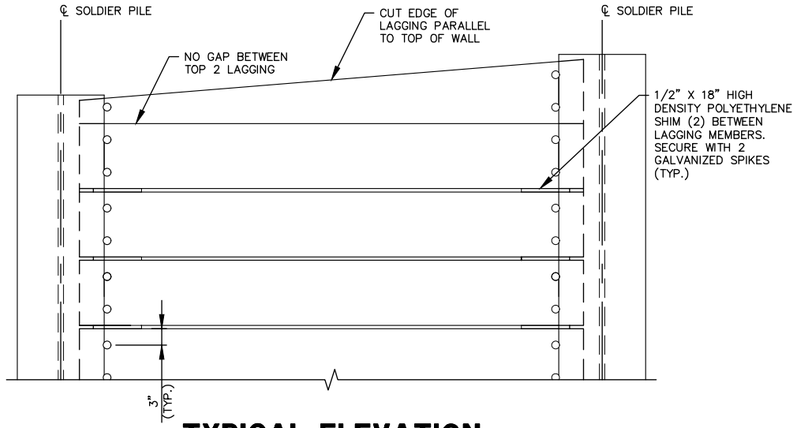
By: NKW Date: 4:05 PM File:P:\c\COSA0000022\0400CAD\EB\SHEETS\EB-WL-001-COSA0022.dwg Layout: WL01



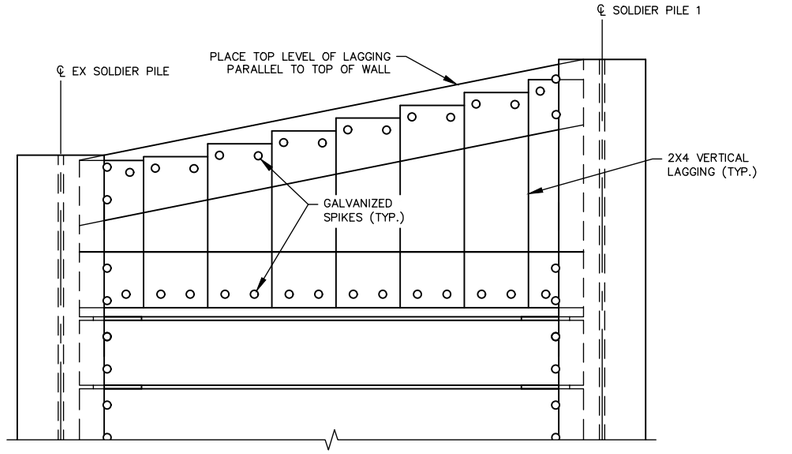
TYPICAL SECTION

* USE CONTROL DENSITY FILL WHEN PLACED IN THE DRY. USE PUMPABLE LEAN CONCRETE WHEN PLACED IN THE WET.

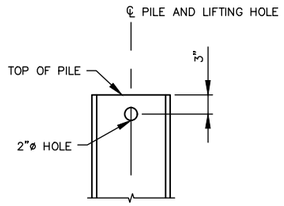
** APPROXIMATE QUANTITY OF BACKFILL EQUALS 95 CY IN FRONT OF WALL AND 255 CY BEHIND WALL. CONTRACTOR TO VERIFY QUANTITY.



TYPICAL ELEVATION

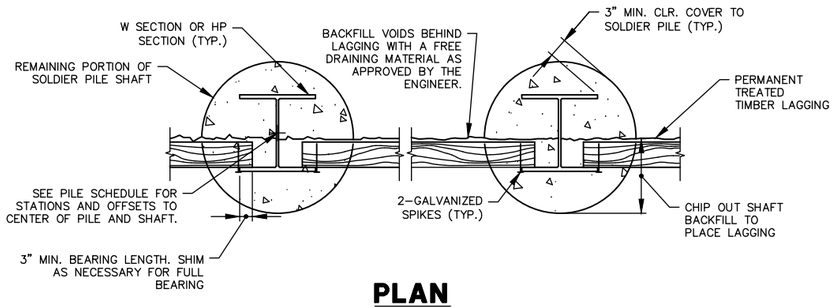


ELEVATION AT NORTH END OF WALL

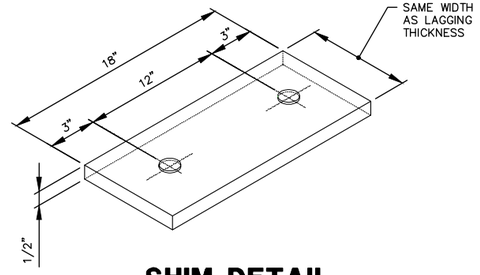


SOLDIER PILE LIFTING HOLE

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



PLAN



SHIM DETAIL

NOTES

1. HEM–FIR TIMBER LAGGING SHALL NOT BE USED.
2. DOUGLAS FIR–LARCH, GRADE NO. 2 OR BETTER, TREATED IN ACCORDANCE WITH WSDOT STD. SPECIFICATION SECTION 9–09.3(1), SHALL BE USED.
3. NO CLIPPING OF TIMBER LAGGING CORNERS ALLOWED.
4. USE 40d GALVANIZED WIRE SPIKES FOR ALL LAGGING.
5. SPIKES SHALL NOT BE BENT.
6. ALTERNATIVE PERMANENT TREATED TIMBER LAGGING MAY BE DESIGNED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL IN ACCORDANCE WITH WSDOT STD. SPECIFICATION SECTION 6–13.3(6).

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

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Phone: 425.519.6500

City of Sammamish Washington

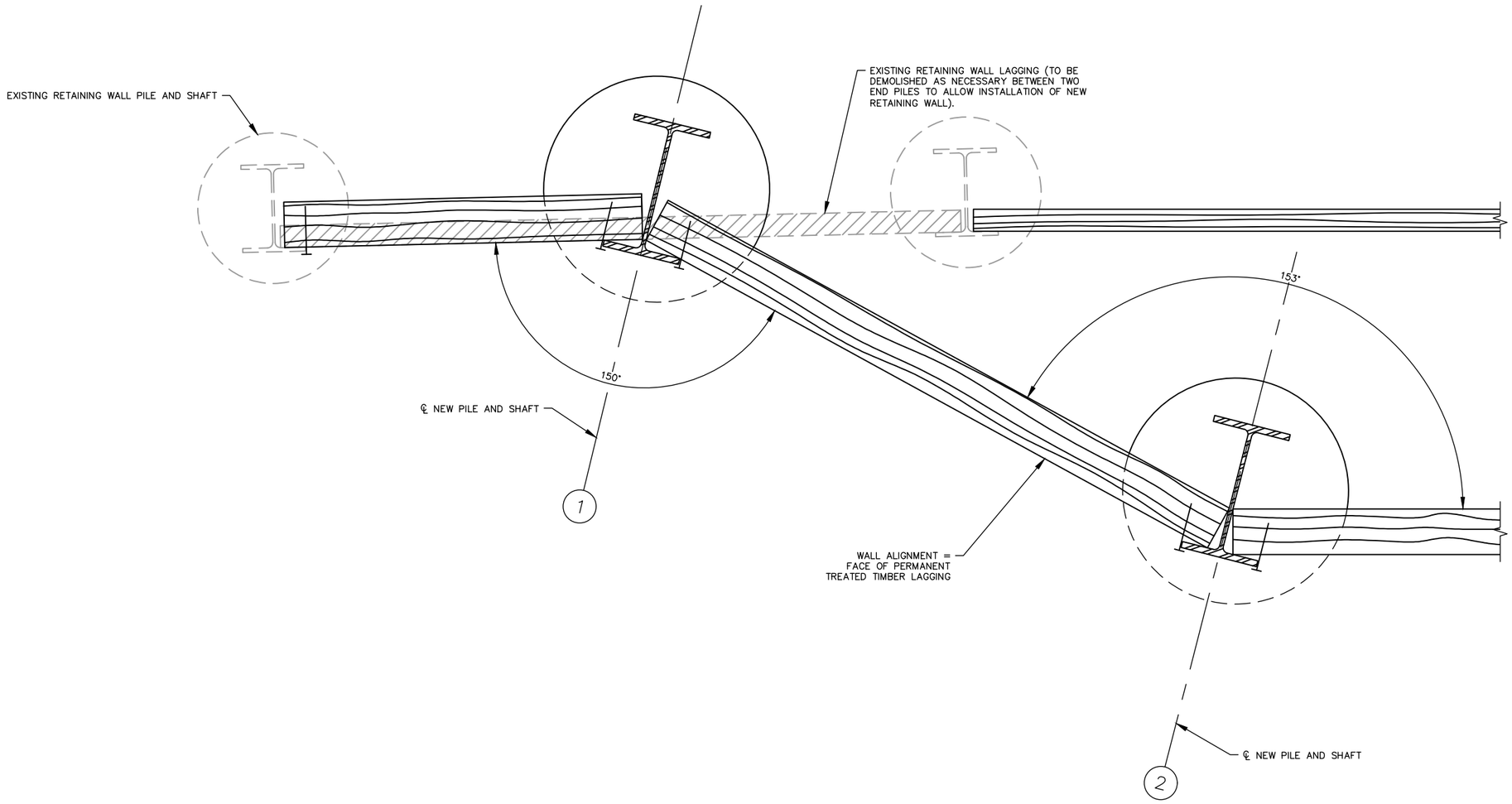
CHRISTOFFER FOSMO — STATE OF WASHINGTON — 23559 — PROFESSIONAL ENGINEER — 5/25/18

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

WD01

WALL DETAILS (1 OF 2)

By: NKW Date: 4:05 PM File:P:\c\COSA00000022\0400CAD\EB\SHEETS\EB-WD-001-COSA0022.dwg Layout: WD01



LAGGING DETAIL AT BEGINNING OF WALL

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

NO.	DATE	BY	APPR	REVISION

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City of Sammamish Washington

CHRISTOPHER FRANCIS — STATE OF WASHINGTON — 25550 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER — 5/25/18

CITY OF SAMMAMISH
LOUIS THOMPSON ROAD SE SLIDE REPAIR AND DRAINAGE IMPROVEMENTS
KING COUNTY WASHINGTON

WD02

WALL DETAILS (2 OF 2)

16 OF 16

By: NKW Date: 4:05 PM File: P:\c\COSA00000022\0400CAD\EB\SHEETS\EB-WD-001-COSA0022.dwg Layout: WD02