

ATWELL

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KIRKLAND, WA 98033
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WWW.ATWELL-GROUP.COM

SCALE:
AS NOTED
PROJECT MANAGER:
ROB DAHN, PE
PROJECT ENGINEER:
GRACE GARWIN, EIT
DESIGNER:
CAROL DOGGETT
ISSUE DATE:
3/19/2024

GENERAL SITE PLAN NOTES

- 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/CONTRACTOR AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR DEVIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO THE CITY OF SAMMAMISH.
- PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING SHALL BE HELD BETWEEN THE CITY OF SAMMAMISH AND THE CONTRACTOR.
- A COPY OF THESE APPROVED PLANS SHALL BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- 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.
- IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY CONSTRUCTION EASEMENTS BEFORE INITIATING ANY OFF-SITE WORK.
- DEWATERING (GROUNDWATER) SYSTEM CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT WSDOT STANDARD SPECIFICATIONS.
- 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.
- 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.
- 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 MEAN BEARING SUBSTANTIAL REPAIR COSTS.
- 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.
- 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.
- 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.
- 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.
- NO MATERIALS OR EQUIPMENT SHALL BE PLACED OR STORED ON PUBLIC RIGHT-OF-WAY AT ANY TIME.
- CONSTRUCTION NOISE SHALL BE LIMITED TO THE CONSTRUCTION HOURS AS STATED IN SMC 16.05.030.

EROSION & SEDIMENT CONTROL PLAN NOTES

- THE EROSION & SEDIMENT CONTROL 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.
- THE EROSION & SEDIMENT CONTROL FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE EROSION & SEDIMENT CONTROL 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 EROSION & SEDIMENT CONTROL 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.
- 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 CONSTRUCTION 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 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.
- 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 (SECTION D.2.1.2).
 - STOCKPILES AND STEEP CUT AND FILL SLOPES ARE TO BE PROTECTED IF UNWORKED FOR MORE THAN 12 HOURS (SECTION D.2.1.2).
 - COVER MATERIALS SUFFICIENT TO COVER ALL DISTURBED AREAS SHALL BE STOCKPILED ON SITE (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 (SECTION D.2.1.2.6).
 - MULCH IS REQUIRED TO PROTECT ALL SEEDED AREAS (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 (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 (SECTION D.2.1.4.2).
 - SEDIMENT RETENTION IS REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.5).
 - SURFACE WATER CONTROLS ARE REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.6).
 - PHASING AND MORE CONSERVATIVE BMPS MUST BE EVALUATED FOR CONSTRUCTION ACTIVITY NEAR SURFACE WATERS (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 (SECTION D.2.2).
 - WHEN LOCATED WITHIN AN ENVIRONMENTALLY CRITICAL AREA, A WET SEASON PERMIT IS REQUIRED.

SWPPP PLAN NOTES

- ALL POLLUTANTS, INCLUDING WASTE MATERIALS, THAT OCCUR ONSITE SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.

DRAINAGE PLAN NOTES

- 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.
- MINIMUM COVER OVER STORM DRAINAGE PIPES AND FACILITIES SHALL BE TWO FEET (2') UNLESS OTHERWISE SHOWN AND APPROVED.
- THE MOST RECENTLY UPDATED WSDOT STANDARD PLANS SECTION B SHALL BE USED TO DETERMINE ACCEPTABLE DESIGN AND CONSTRUCTION STANDARDS FOR DRAINAGE STRUCTURES.
- 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.
- 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.
- 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. 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.
- 12-INCH IS THE MINIMUM NOMINAL SURFACE WATER CONVEYANCE PIPE DIAMETER TO BE MAINTAINED BY THE CITY.
- MINIMUM PIPE SLOPE SHALL BE 0.5%.
- 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.
- PRIOR TO FINAL PAVING ALL STORMWATER PIPE LOCATED IN THE PUBLIC RIGHT-OF-WAY OR IDENTIFIED TO BE MAINTAINED BY THE CITY IN A PUBLIC EASEMENT SHALL BE RECORDED UNDER CLOSED CIRCUIT TELEVISION (CCTV). AN ELECTRONIC COPY SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL.

ROADWAY PLAN NOTES

- 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 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.
- 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).
- 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.

NO	DATE	BY	REVISIONS

GENERAL NOTES
 207TH AVE NE
 CULVERT REPAIR PROJECT
 CITY OF SAMMAMISH



3/19/24

JOB NUMBER:

22-227

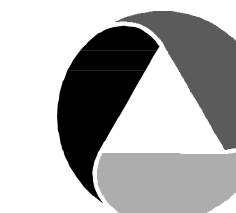
SHEET NAME:

GN-01

SHT 2 OF 6

NOTICE!!!
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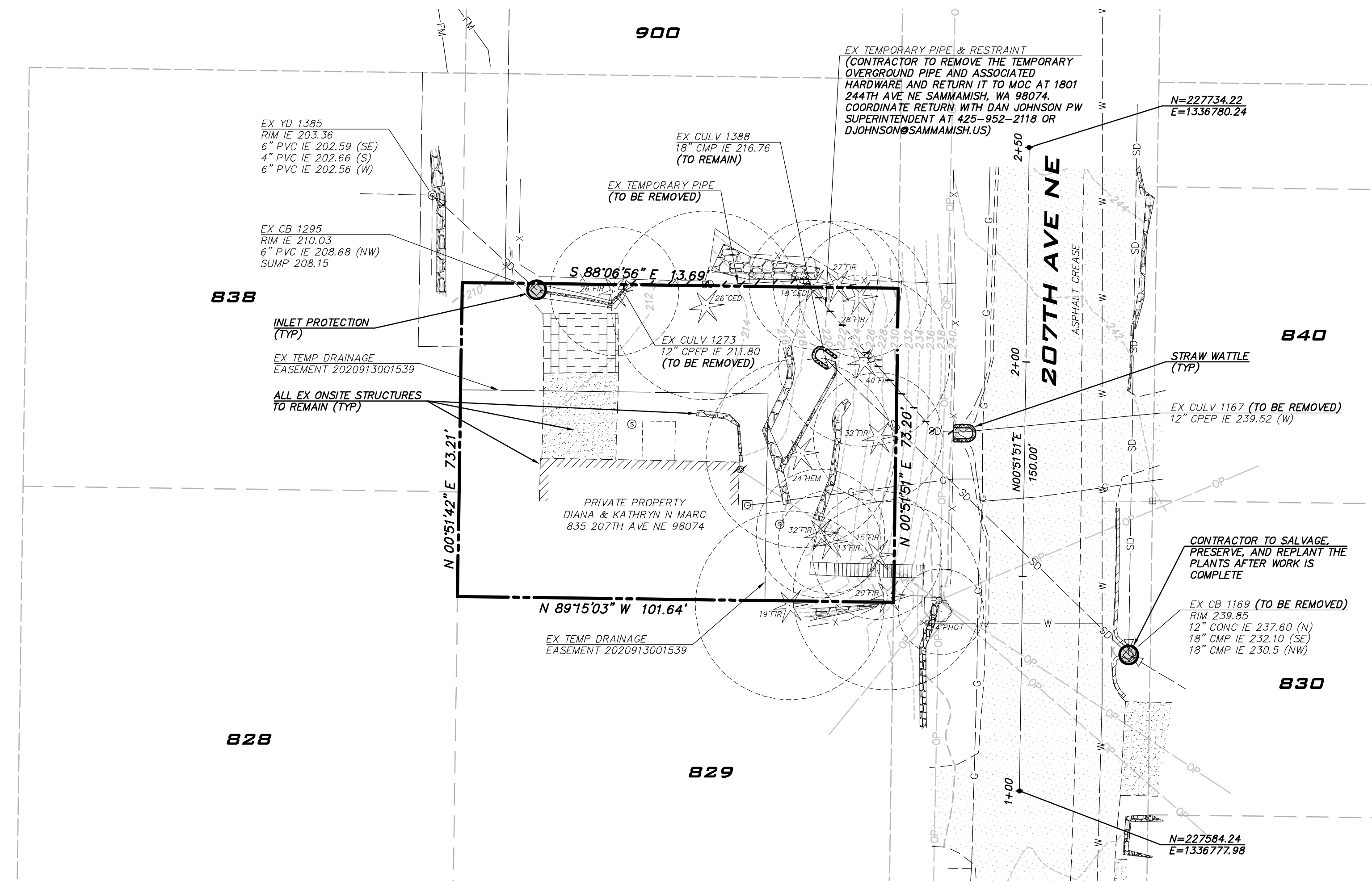
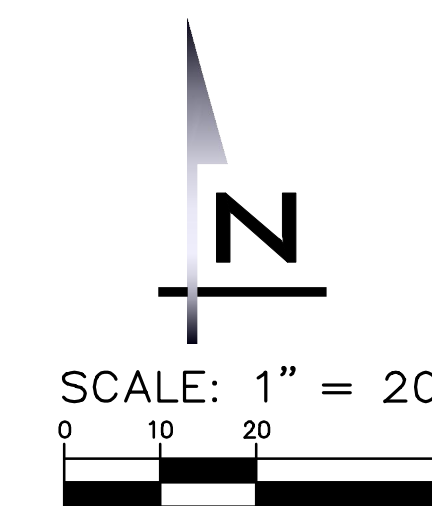
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CAROL DOGGETT

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LEGEND			
EXISTING FEATURES			
---	ADJACENT PLAT/PARCEL LINE	⊙	WATER MANHOLE
---	ADJACENT RIGHT-OF-WAY CENTERLINE	⊙	AIR/VAC RELEASE VALVE
---	EASEMENT	⊙	BLOW OFF
---	SURFACE FEATURES	⊙	IRRIGATION METER
---	BUILDING FOOTPRINT	⊙	UTILITY INDICATOR POST
---	10' CONTOURS	⊙	IRRIGATION VALVE
---	2' CONTOURS	⊙	HOSE BIB
---	SD - STORM DRAIN PIPE	⊙	POWER POLE
---	SS - SEWER MAIN	⊙	GUY ANCHOR
---	SSS - SANITARY SEWER SERVICE	⊙	UTILITY POLE W/ LIGHT
---	FM - SEWER FORCE MAIN	⊙	POLE LIGHT
---	W - WATER MAIN	⊙	POWER VAULT
---	OP - AERIAL POWER LINE	⊙	POWER MANHOLE
---	B - BURIED POWER LINE	⊙	POWER CABINET
---	G - GAS MAIN	⊙	POWER STUB
---	C - BURIED CABLE	⊙	TRANSFORMER
---	TV - BURIED TV	⊙	POWER METER
---	OTV - AERIAL TV	⊙	JUNCTION BOX
---	T - BURIED TELECOMM LINE	⊙	GAS METER
---	OT - AERIAL TELECOMM LINE	⊙	GAS VALVE
---	PT - BURIED POWER/TELECOMM	⊙	FIBER OPTICS MANHOLE
---	OPT - AERIAL POWER/TELECOMM	⊙	TV RISER
---	OU - AERIAL UTILITIES	⊙	TELECOMM VAULT
---	X - WIRE FENCE	⊙	TELECOMM RISER
---	○ - CHAINLINK FENCE	⊙	TELECOMM JUNCTION BOX
---	□ - BOARD FENCE	⊙	TELECOMM MANHOLE
---	---	⊙	MAIL BOX
---	---	⊙	SIGN
---	---	⊙	HEDGE
---	---	⊙	SHRUB
---	---	⊙	CONIFEROUS TREE
---	---	⊙	DECIDUOUS TREE
---	---	⊙	ASPHALT
TESC FEATURES			
⊙	INTERM CATCH BASIN PROTECTION (INSERT)	---	STRAW WATTLE

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 - DEPTHS OF EXISTING UTILITIES ARE APPROXIMATE AND BASED ON THE BEST AVAILABLE DATA AT THE TIME OF DESIGN. CONTRACTOR SHALL POTHOLE EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY DEPTHS AT CROSSINGS. ALL CROSSINGS SHALL BE EXPOSED AND VERIFIED BY THE ENGINEER.
 - COORDINATE ALL PAVING LIMITS WITH THE ENGINEER.
 - CONTRACTOR SHALL ADJUST UTILITIES TO FINAL GRADE.
 - CONTRACTOR IS RESPONSIBLE FOR ALL SHORING.
 - ALL PAVEMENT MARKINGS SHALL BE REFERENCED AND REPLACED IN THE SAME LOCATION, UNLESS OTHERWISE NOTED ON PLANS.

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SURVEY NOTES

- FIELD SURVEY PERFORMED BY DOWL.
- ALL MONUMENTS SHOWN HEREON AS FOUND MONUMENTS WERE LOCATED DURING THE COURSE OF THAT SURVEY.
- INSTRUMENTATION FOR THIS SURVEY WAS A LEICA AND A TOPCON 5 SECOND TOTAL STATION WITH ELECTRONIC MEASURING UNIT, AS WELL AS A TOPCON HIPER+ GPS UNIT.
- PROCEDURES USED IN THIS SURVEY WERE FIELD TRAVERSE MEETING OR EXCEEDING STANDARDS SET BY WAC 332-130-090.
- THE UNDERGROUND UTILITIES SHOWN HEREON REPRESENT A COMBINATION OF RECORD INFORMATION AND FIELD LOCATES OF UNDERGROUND UTILITIES LOCATED BY A UTILITY LOCATING COMPANY. THE SURFACE VISIBLE UTILITIES WERE LOCATED IN THE FIELD, BUT ALL UNDERGROUND LINES ARE APPROXIMATIONS AT BEST. THERE MAY ALSO EXIST ADDITIONAL LINES THAT DID NOT APPEAR IN THE RECORDS OR WERE NOT DETECTED BY THE UTILITY LOCATING COMPANIES.
- THE UTILITY LOCATING COMPANY NOTED THAT THE WATERLINE IN 207TH AVENUE NE WAS NOT LOCATABLE, LIKELY BECAUSE IT WAS MADE OF ASBESTOS PIPE.

HORIZONTAL & VERTICAL CONTROL

- SOURCE OF DATA: WASHINGTON STATE REFERENCE NETWORK (WSRN)
 - HORIZONTAL DATUM: WASHINGTON STATE PLANE COORDINATE SYSTEM - NORTH ZONE, NAD83-2011 EPOCH 2010
- VERTICAL DATUM: NAVD-88

REFERENCE DOCUMENTS

- PLAT OF INGELWOOD, RECORDED IN VOLUME 3 OF PLATS, PAGE 169, RECORDS OF KING COUNTY, WASHINGTON
- RECORD OF SURVEY FOR JEFFREY FLADSETH, RECORDED UNDER KING COUNTY RECORDING NUMBER 20170512900001
- RECORD OF SURVEY FOR JEFFREY FLADSETH, RECORDED UNDER KING COUNTY RECORDING NUMBER 20170512900001
- CITY OF SAMMAMISH, BOUNDARY LINE ADJUSTMENT NO. BLA 2013-00129, RECORDED UNDER KING COUNTY RECORDING NUMBER 20130822900001
- TITLE REPORT ISSUED BY...

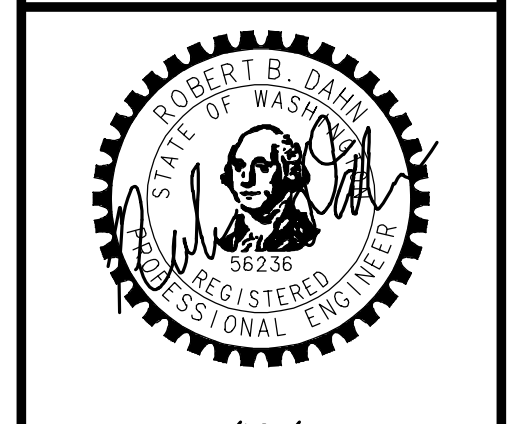


EXISTING CONDITIONS, DEMO & TESC

207TH AVE NE

CULVERT REPAIR PROJECT

CITY OF SAMMAMISH

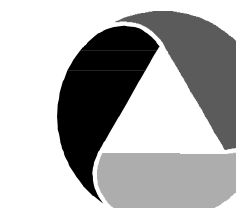


3/19/24

JOB NUMBER:
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SHT **3** OF **6**



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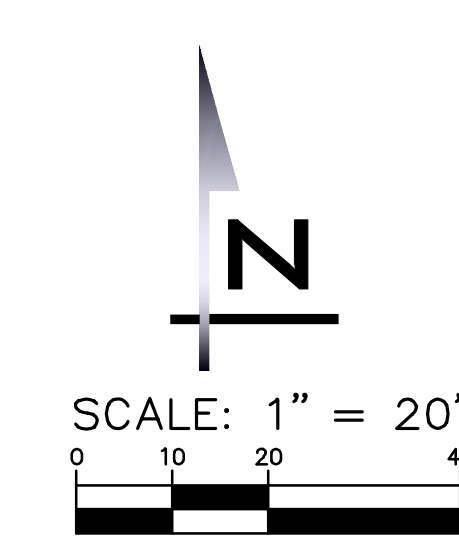
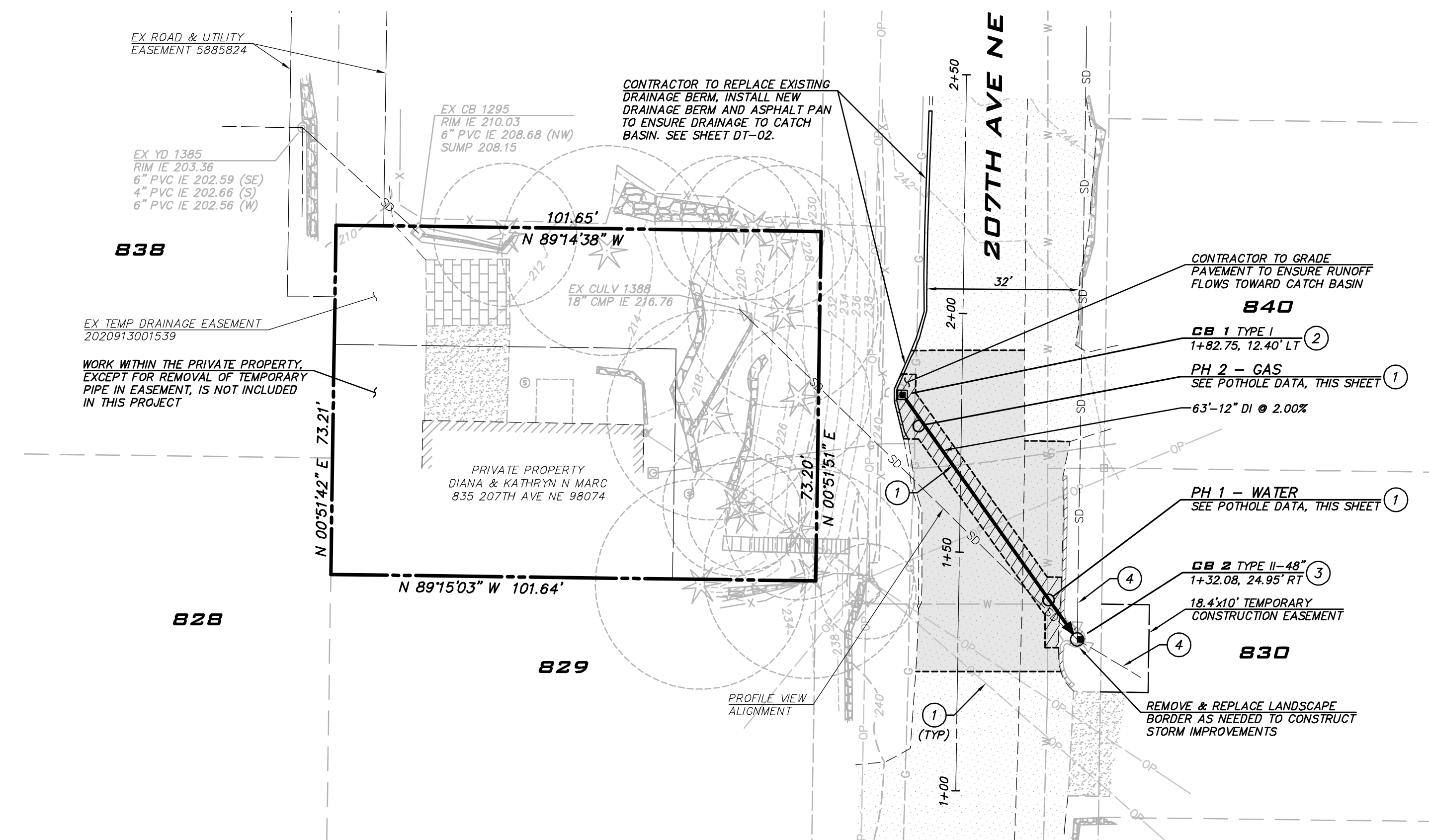
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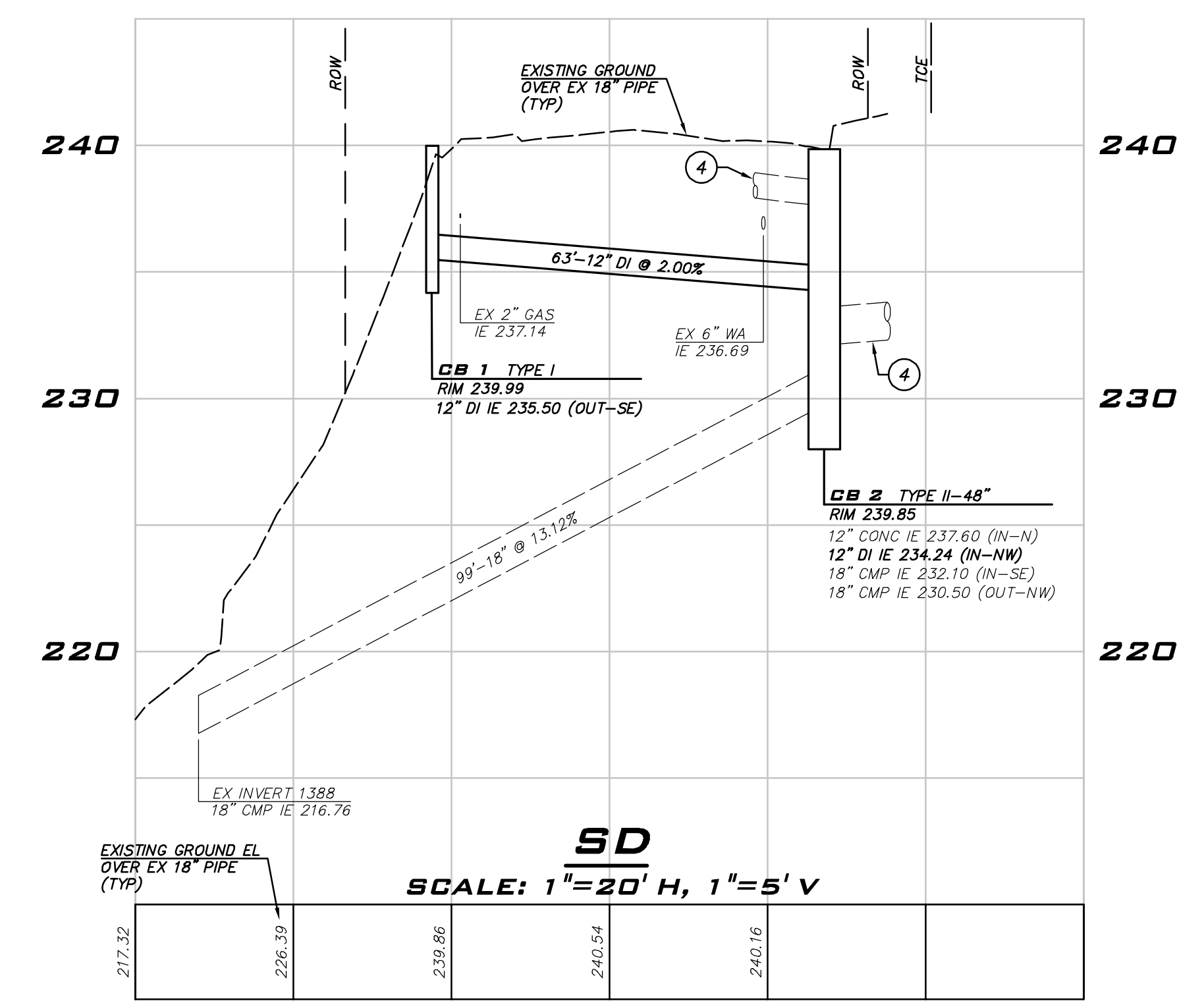
DESIGNER:
CAROL DOGGETT

ISSUE DATE:
3/19/2024



POTHOLE DATA

POTHOLE #	TARGET UTILITY	DEPTH TO TOP OF UTILITY (INCHES)	DEPTH TO BOTTOM OF UTILITY (INCHES)	PIPE CONDUIT SIZE (INCHES)	PIPE MATERIAL	PAVEMENT THICKNESS
1	WATER	36"	42"	6"	AC	3"
2	GAS	32"	34"	2"	PE	4"



- CONSTRUCTION NOTES**
- PROTECT EXISTING UTILITIES.
 - INSTALL TYPE I CATCH BASIN PER CITY OF SAMMAMISH FIG07-04 WITH THROUGH-CURB INLET PER CITY OF SAMMAMISH FIG07-15 AND HERRINGBONE GRATE PER CITY OF SAMMAMISH FIG07-17.
 - INSTALL TYPE II CATCH BASIN PER CITY OF SAMMAMISH FIG07-07 AND FIG07-08.
 - REINSTATE EXISTING LATERALS.

LEGEND

PROPOSED FEATURES

--- BOUNDARY	▨ TRENCH PATCH PER CITY OF SAMMAMISH FIG 02-05A & 08-02
- - - - - EASEMENT	▣ 2" GRIND & OVERLAY PER CITY OF SAMMAMISH FIG02-05B
- - - - - CENTER LINE	
- - - - - SAWCUT	

PROPOSED STORM DRAINAGE

— STORM DRAIN PIPE	
■ TYPE I CB - STANDARD GRATE	
○ TYPE II CB - STANDARD GRATE	
▲ PIPE FLOW	

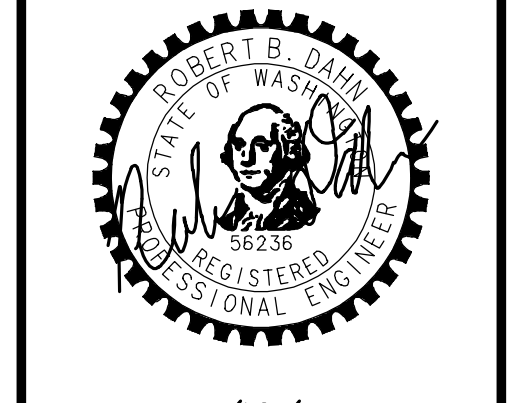
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ROAD & STORM PLAN & PROFILE
207TH AVE NE
CULVERT REPAIR PROJECT
CITY OF SAMMAMISH



3/19/24
JOB NUMBER:
22-227
SHEET NAME:
RS-01
SHT **4** OF **6**



TOP VIEW
BOTTOM VIEW
SIDE VIEW
END VIEW
SLOT DETAIL

NOTES:
 ① SLOT FORMED AND RECESSED FOR 5/8"-11 NC X 2" SOCKET HEAD (ALLEN HEAD) CAP SCREW.
 2. ALL CASTINGS SHALL HAVE A BITUMINOUS COATING.
 3. GRATE SHALL BE CAST IRON PER ASTM A48 CLASS 30 UNLESS OTHERWISE SPECIFIED.

CITY OF SAMMAMISH
 DEPARTMENT OF PUBLIC WORKS
STANDARD GRATE

APPROVED BY
 CITY ENGINEER DATE
 DWN XXX CKD XXX AUG-XX-2015 FILE FIG07-17

PLAN
CURB
SECTION A-A

NOTES:
 1. TWO LOCKING BOLTS 5/8"-11 NC STAINLESS TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS 2' LONG WHEN USED WITH SOLID COVER (STD DWG 7-19) OR WHEN SPECIFIED BY ENGINEER.
 2. FRAME MATERIAL SHALL BE CAST IRON PER ASTM A48 CLASS 30.
 3. SET FRAME TO GRADE & CONSTRUCT ROAD & GUTTER TO BE FLUSH WITH FRAME.

CITY OF SAMMAMISH
 DEPARTMENT OF PUBLIC WORKS
STANDARD FRAME INSTALLATION

APPROVED BY
 CITY ENGINEER DATE
 DWN XXX CKD XXX AUG-XX-2015 FILE FIG07-18

PLAN COVER
SECTION A-A

NOTES:
 1. USE WITH FRAME (SEE STD DWG 7-19) DRILLED & TAPPED FOR LOCKING BOLTS.
 2. FOR FRAME AND GRATES WITHIN THE TRAVEL LANE USE, FOUR LOCKING BOLTS.
 3. USE WITH TWO LOCKING 5/8"-11 NC STAINLESS STEEL TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS 2' LONG.
 4. MATERIAL SHALL BE CAST IRON PER ASTM A48 CLASS 30.

CITY OF SAMMAMISH
 DEPARTMENT OF PUBLIC WORKS
SOLID COVER

APPROVED BY
 CITY ENGINEER DATE
 DWN XXX CKD XXX AUG-XX-2015 FILE FIG07-19

EXISTING ASPHALT CONCRETE SURFACE
ASPHALT CONCRETE PATCH
EXISTING ASPHALT CONCRETE SURFACE
EXISTING SUBBASE

NOTES:
 1. ASPHALT CONCRETE MIX SHALL BE HMA CL 1/2 INCH.
 2. ASPHALT PATCHING AND TRENCH BACKFILL PER STD DWG 02-05A.
 3. SAW CUTS LIMITS MAY BE REVISED BASED UPON EXISTING CONDITIONS. PATCH MAY NEED TO EXTEND TO CONFIDENT ASPHALT.
 4. SAWCUTS NEED TO BE NEAT AND CLEAN PRIOR TO PAVING.

PAVEMENT CUT DIMENSIONS	
TRENCH DEPTH (FT)	MINIMUM CUT BEYOND TRENCH (FT) ALL FOUR SIDES
10	2.5
12	3.0
14	3.5
16	4.0
18	4.5
20	5.0

PAVEMENT LESS THAN 5 YEARS OLD
 ADDITIONAL RESTORATION WORK MAY BE REQUIRED

CITY OF SAMMAMISH
 DEPARTMENT OF PUBLIC WORKS
FLEXIBLE PAVEMENT PATCHING

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 CITY ENGINEER DATE
 DWN XXX CKD XXX AUG-XX-2015 FILE FIG08-02

ONE-LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS

NOTES:
 1. ALL SIGNS ARE BLACK ON ORANGE.
 2. EXTENDING THE CHANNELIZATION DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE WEDOT STD SPECIFICATIONS FOR ADDITIONAL DETAILS.
 4. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.

CITY OF SAMMAMISH
 DEPARTMENT OF PUBLIC WORKS
ONE-LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS

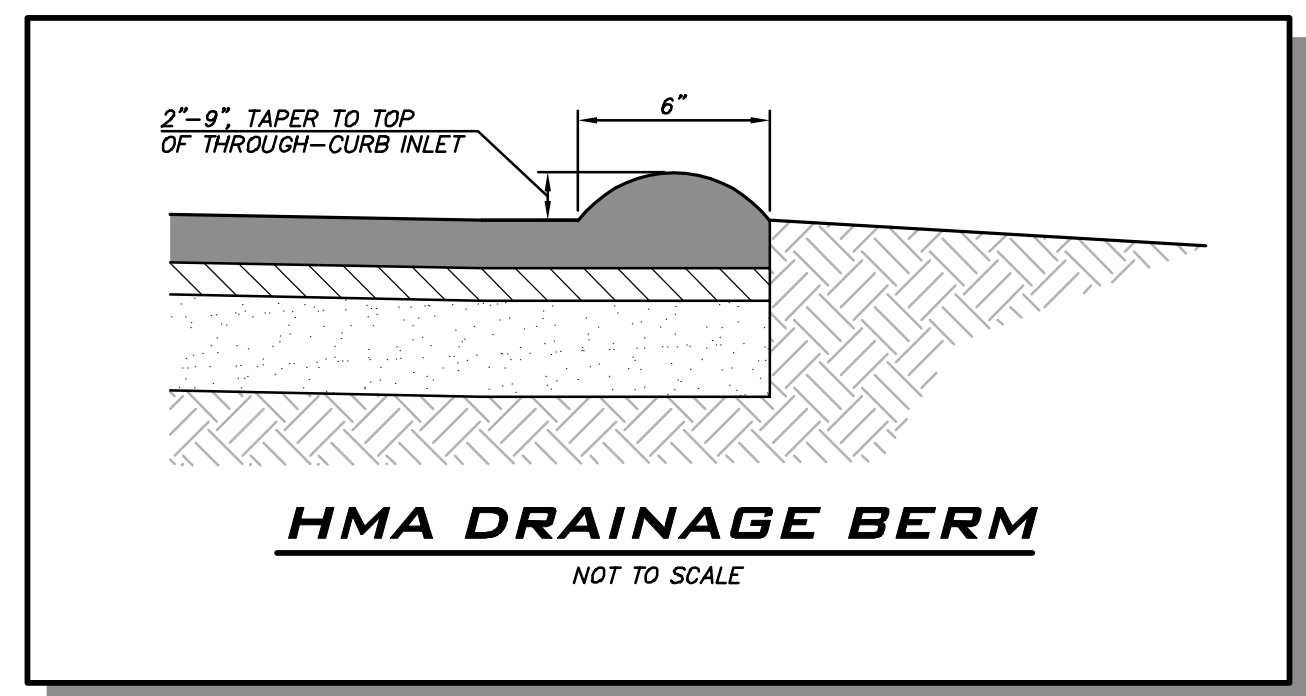
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 CITY ENGINEER DATE
 DWN XXX CKD XXX AUG-XX-2015 FILE FIG09-01

SHOULDER CLOSURE - LOW SPEED (40 MPH OR LESS)

NOTES:
 1. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 2. ALL SIGNS ARE BLACK ON ORANGE.

CITY OF SAMMAMISH
 DEPARTMENT OF PUBLIC WORKS
SHOULDER CLOSURE - LOW SPEED (40 MPH OR LESS)

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 DWN XXX CKD XXX AUG-XX-2015 FILE FIG09-05



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SCALE:
 AS NOTED

PROJECT MANAGER:
 ROB DAHN, PE

PROJECT ENGINEER:
 GRACE GARWIN, EIT

DESIGNER:
 CAROL DOGGETT

ISSUE DATE:
 3/19/2024

NO	DATE	BY	REVISIONS

DETAILS
207TH AVE NE
CULVERT REPAIR PROJECT
 CITY OF SAMMAMISH

3/19/24
 JOB NUMBER:
22-227
 SHEET NAME:
DT-02

SHT **6** OF **6**

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