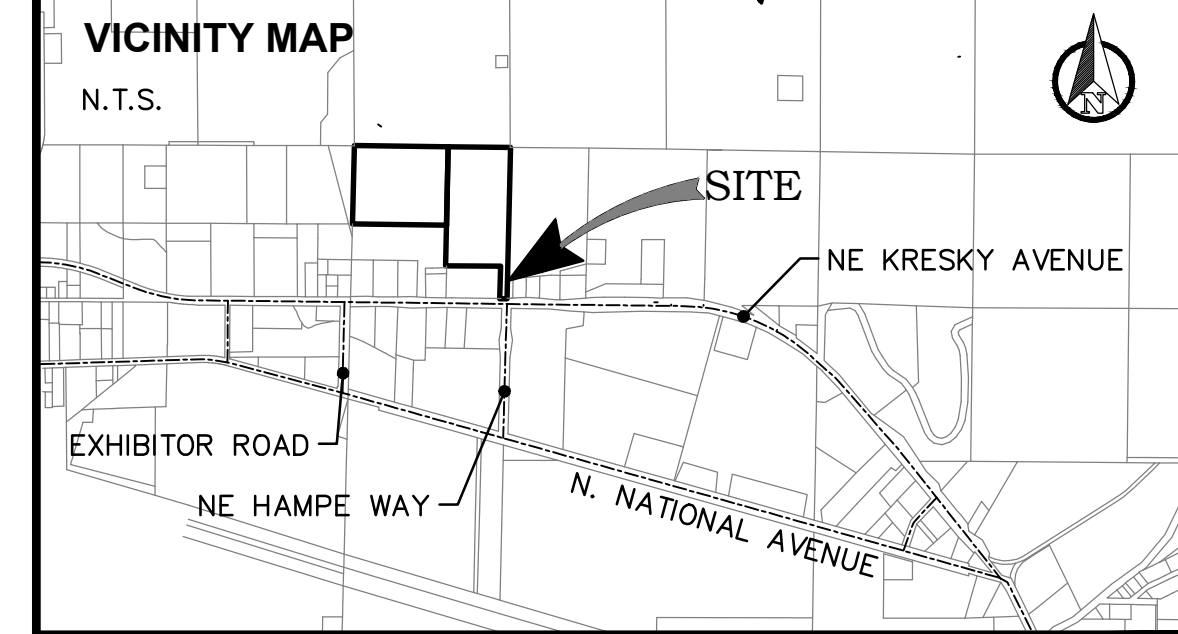
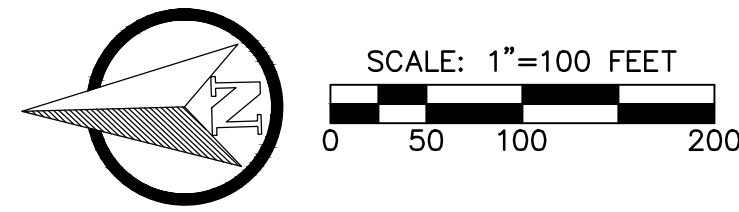


HAMPE WAY ROAD AND UTILITY

SECTION 20, TOWNSHIP 14 NORTH, RANGE 02 WEST, W.M.
LEWIS COUNTY, WASHINGTON



PROJECT INFORMATION

APPLICANT: MR. JOHN BRAUN
RAINDROP PROPERTIES LLC
PO BOX 1224
CHEHALIS, WA 98532
360.748.0195

SURVEYOR: BUTLER SURVEYING INC.
475 NW CHEHALIS AVE
CHEHALIS, WA 98532
PH.: 360.748.8803

PARCEL NOS: 021630003000, 021629002000

SITE ADDRESS: 2501 NE KRESKY AVE STE A
CHEHALIS, WA 98532

ZONING: CG-GENERAL COMMERCIAL / CITY

SITE AREA: 24.37 TOTAL ACRES

GRADING: 2,103± CY CUT / 4,164± CY FILL

SOILS: 27- BUCKPEAK SILT LOAM (30-65% SLOPES)
130- MELBOURNE LOAM (0-8% SLOPES)
131- MELBOURNE LOAM (8-15% SLOPES)
132- MELBOURNE LOAM (15-30% SLOPES)

SANITARY SEWER: PROPOSED CITY OF CHEHALIS

WATER: PROPOSED CITY OF CHEHALIS

FIRE DISTRICT: RIVERSIDE FIRE AUTHORITY

SHEET INDEX

- C0.1 CIVIL COVER SHEET AND SITE PLAN
- C0.2 EXISTING CONDITIONS AND DEMO PLAN
- C1.1 TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN
- C1.2 T.E.S.C. DETAILS AND NOTES
- C2.1 KRESKY AVE DRAINAGE EXTENSION PLAN AND PROFILE
- C2.2 KRESKY AVE DRAINAGE EXTENSION PLAN AND PROFILE
- C2.3 KRESKY AVE STORM POND PLAN
- C2.4 HAMPE ROAD AND STORM PLAN AND PROFILE
- C2.5 HAMPE ROAD AND STORM PLAN AND PROFILE
- C2.6 HAMPE ROAD AND STORM PLAN AND PROFILE
- C2.7 HAMPE ROAD AND STORM PLAN AND PROFILE
- C2.8 KRESKY / HAMPE INTERSECTION DETAIL
- C2.9 ROADWAY SECTION DETAILS
- C2.10 ROADWAY DETAILS AND NOTES
- C2.11 DRAINAGE DETAILS AND NOTES
- C4.1 SEWER AND WATER MAIN PLAN AND PROFILE
- C4.2 SEWER AND WATER MAIN PLAN AND PROFILE
- C4.3 SEWER AND WATER MAIN PLAN AND PROFILE
- C4.4 SEWER AND WATER MAIN PLAN AND PROFILE
- C4.5 SEWER DETAILS AND NOTES
- C4.6 WATER DETAILS AND NOTES
- C4.7 WATER DETAILS
- C5.1 STREET LIGHT PLAN AND NOTES
- C5.2 STREET LIGHT DETAILS

SURVEY INFORMATION

LEGAL DESCRIPTION
SECTION 20 TOWNSHIP14N RANGE 02W S 522.6' NE4 NE4 E
NE KRESKY RD EX N 462.6' W 275'

VERTICAL DATUM
NAVD88

BASIS OF BEARING
ASSUMED

GEOTECHNICAL NOTE

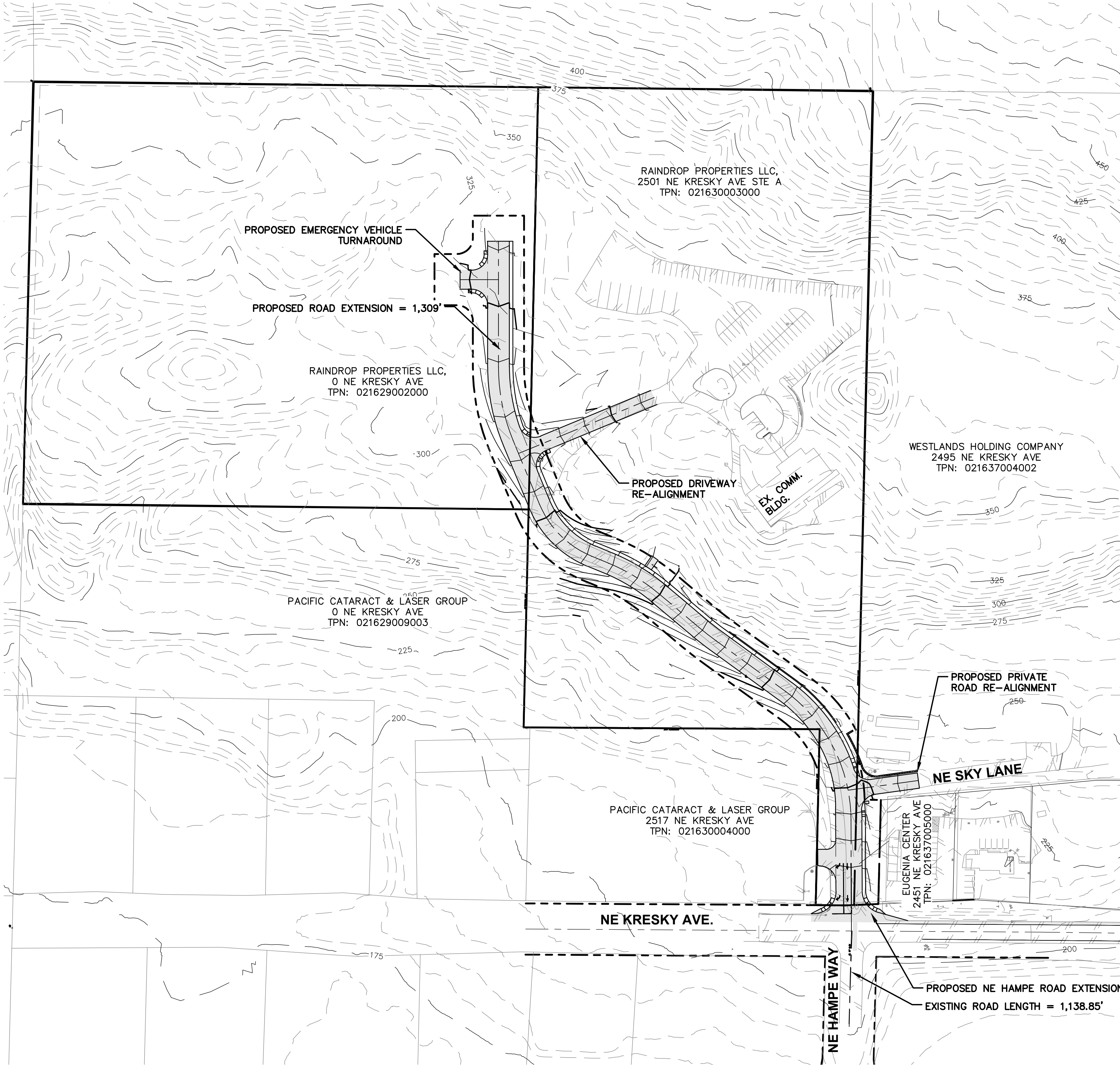
A GEOTECHNICAL REPORT WAS PREPARED FOR THIS PROJECT BY SOUTH SOUND GEOTECHNICAL CONSULTING. ALL RETAINING WALL CONSTRUCTION, EARTHWORK, SUB-GRADE PREPARATION, AND PAVING ACTIVITIES SHALL COMPLY WITH THE REPORTED RECOMMENDATIONS. SPECIFICATIONS. THE GEOTECH SHALL BE NOTIFIED OF ANY DEVELOPMENT CHANGES.

WORK IN COUNTY RIGHT-OF-WAY

CONTRACTOR TO OBTAIN RIGHT OF WAY PERMIT PRIOR TO ANY WORK WITHIN COUNTY RIGHT OF WAY. ALL WORK WITHIN COUNTY RIGHT OF WAY SHALL ADHERE TO COUNTY STANDARDS AS OUTLINED IN THE RIGHT OF WAY PERMIT.

TOPOGRAPHIC NOTE

TOPOGRAPHIC INFORMATION DEPICTED HEREON WAS PROVIDED BY CANDU ENVIRONMENTAL LLC. TOPOGRAPHIC INFORMATION WAS NOT FIELD VERIFIED BY RB ENGINEERING.



LEGEND		
EXISTING	PROPOSED	
— W —	— W —	WATER MAIN
— SS —	— SS —	SANITARY SEWER MAIN
— FM —	— FM —	FORCE MAIN
— SD —	— SD —	STORM MAIN
— RD —	— RD —	ROOF DRAIN
	— FD —	FOOTING DRAIN
— G —	— G —	GAS LINE
— UGP —	— UGP —	POWER LINE
— T —	— T —	TELEPHONE LINE
— TV —	— CATV —	CABLE TV LINE
— — — —	— — — —	ROADWAY CENTERLINE
— - - - -	— - - - -	RIGHT-OF-WAY LINE
— - - - -	— - - - -	EASEMENT LINE
— = = = =	— = = = =	FRONT/BACK OF CURB
— - - - -	— - - - -	EDGE OF GRAVEL SHOULDER
— // // —	— // // —	EDGE OF PAVEMENT
OBO	●	BLOWOFF ASSEMBLY
α	⊕	FIRE HYDRANT
W	⊕	GATE VALVE
	⊕	AIR RELIEF VALVE
	▶	REDUCER
	▲	THRUST BLOCKING
□ W	□	WATER METER BOX
⊙	⊙	WELL
	●	GUARD POST (BOLLARD)
	■	DCVA
	⌋	CAP/PLUG
□	■	STORM DRAIN CATCH BASIN
○	⊙	STORM DRAIN MANHOLE
○	●	CLEANOUT
X X X	→	SURFACE FLOW DIRECTION
	—	SLOPE
	⊕	RIPRAP
X X X	XXX	SPOT ELEVATION
○	●	SEWER MANHOLE
○	●	SEWER CLEANOUT
	⊕	AIR RELEASE VALVE
	▲	THRUST BLOCKING
	▶	REDUCER
	⌋	CAP/PLUG
	⊕	GATE VALVE
□	⊕	JUNCTION BOX
□ SIG	⊕	SERVICE DISCONNECT
○	⊕	YARD/PEDESTRIAN LIGHT
⊕	⊕	STREET LIGHT
⊕	⊕	TRANSFORMER
□	⊕	POWER VAULT
⊕	⊕	POWER POLE
↑	→	POLE ANCHOR
□ T	⊕	TELEPHONE VAULT
□ T	⊕	TELEPHONE RISER
⊕	⊕	GAS VALVE
⊕	⊕	GAS METER
⊕	⊕	BUSH/SHRUB
⊕	⊕	TREE (CONIFER)
⊕	⊕	TREE (DECIDUOUS)
⊕	⊕	SIGN
⊕	⊕	BARRICADE

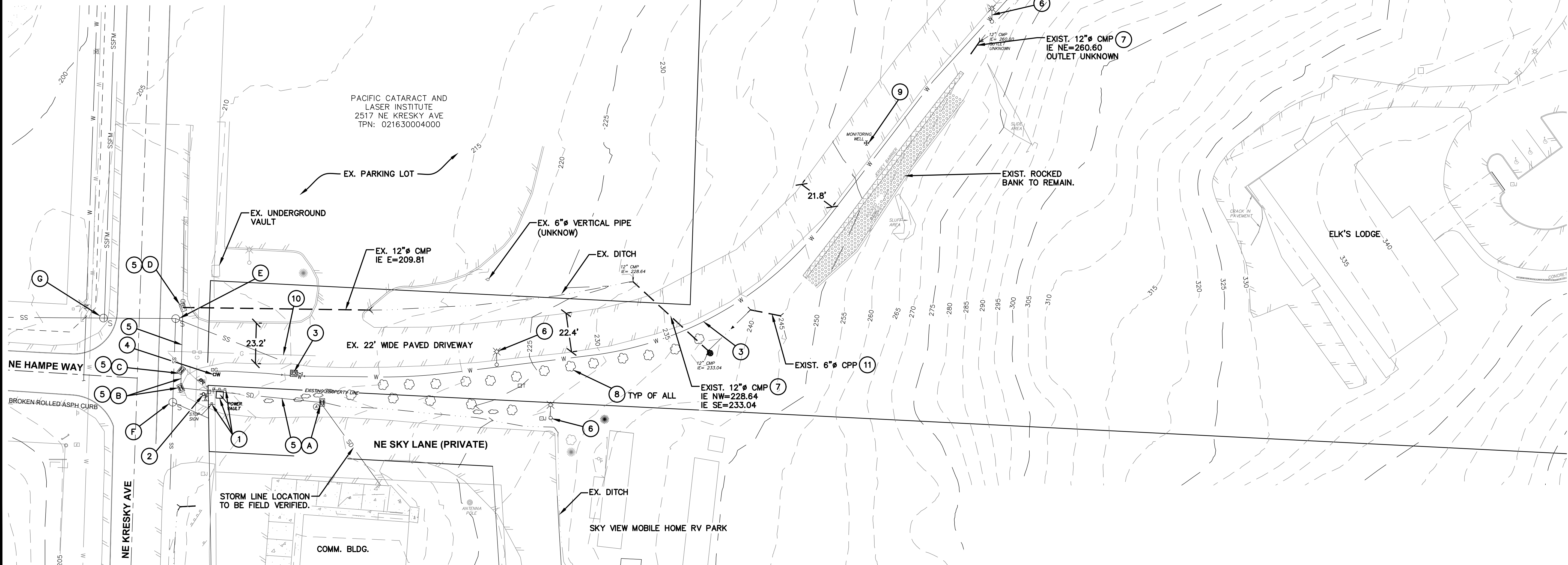
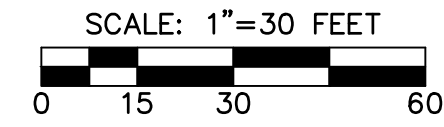
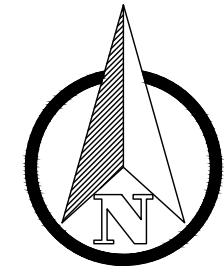
NO.	DATE	REVISION
DESIGNED BY: RBW	DRAWN BY: ALE	CHECKED BY: RBW
DATE: 08/29/2023	SCALE: 1" = 100'	
HAMPE WAY ROAD AND UTILITY		
CIVIL COVER SHEET AND SITE PLAN		
WA.		
CHEHALIS		
RB Engineering DESIGN → PERMIT → MANAGE OFF: (360) 740-8819 EMAIL: CiviPro@RBEng.com P.O. Box 923 CHEHALIS, WA 98532		
811 Know what's below. Call 811 before you dig.		
JOB NUMBER 19081 DRAWING NAME 19081_C0.1_CVR C0.1 1 OF 24		

EXISTING STRUCTURES:

- (A) EX. TYPE 1 CB
RIM EL= 211.79
IE SE 12" CMP 209.28
IE WEST 12" CMP 209.27
- (B) EX. TYPE 1 CB
RIM EL= 206.58
IE EAST 12" CMP 204.66
IE NORTH 12" CMP 204.66
- (C) EX. TYPE 1 CB
RIM EL= 205.77
IE EAST 12" CMP 204.34
IE SOUTH 12" CMP 204.33
IE NORTH 12" CMP 204.34
- (D) EX. TYPE 1 CB
RIM EL= 205.64
IE SOUTH 12" CMP 203.94
IE EAST 12" CMP 203.84
IE NORTH 12" CMP 203.78
- (E) EX. SSMH TO REMAIN.
RIM EL= 206.03
IE SOUTH 8" CMP 198.94
IE SE 8" CMP 199.14
IE WEST 10" CMP 198.78
- (F) EX. SSMH TO REMAIN.
RIM EL= 206.84
IE SOUTH 10" CMP 203.94 (PLUGGED)
IE EAST 8" CMP 203.84
IE NORTH 10" CMP 203.78
- (G) EX. SSMH TO REMAIN.
RIM EL= 206.00
IE NORTH 8" SSFM PVC 201.30
IE EAST/WEST 10" CMP 198.42
IE NORTH 12" CMP 198.13

DEMOLITION NOTES:

- (1) ALL EX. SIGNS, ELECTRICAL AND TELEPHONE VAULTS, CABINETS AND APPURTENCES SHALL BE RELOCATED OUT OF THE NEW IMPROVEMENTS.
- (2) EX. POWER POLE TO BE RELOCATED BY L.C. P.U.D.
- (3) EX. BOLLARDS (2) AND FIRE DEPT. CONNECTION WATER STANDPIPE AND FIRE LINE TO BE REMOVED. PROVIDE TEMPORARY SERVICE TO ELK'S LODGE DURING CONSTRUCTION. SEE NEW WATER MAIN DESIGN.
- (4) EX. WATER METERS TO BE RELOCATED.
- (5) EX. CATCHBASINS AND PIPE TO BE REMOVED. SEE DRAINAGE PLAN FOR NEW CONNECTIONS.
- (6) EX. LIGHT POLES TO BE REMOVED. SEE SHEET C5.1 FOR NEW LIGHTING DESIGN.
- (7) EX. CULVERT TO REMAIN. EXTEND AS NEEDED PER ROAD DESIGN.
- (8) EX. TREES TO BE REMOVED.
- (9) EX. MONITORING WELL TO BE CAPPED MIN. 4' BELOW EX. ROAD GRADE.
- (10) EX. GAS LINE TO BE RELOCATED PER L.C. P.U.D.
- (11) EX. CULVERT TO BE REMOVED.



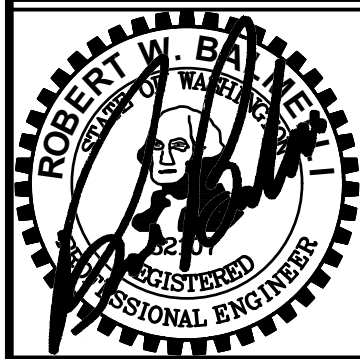
NO.	DATE	REVISION

DESIGNED BY: RWB
 DRAWN BY: ALE
 CHECKED BY: RWB
 DATE: 08/29/2023
 SCALE: 1" = 30'

**HAMPE WAY ROAD
AND UTILITY**

CHEHALIS WA.

**EXISTING CONDITIONS
AND DEMO PLAN**



RB Engineering
 DESIGN → PERMIT → MANAGE
 P.O. Box 923
 CHEHALIS, WA 98532
 OFF: (360) 740-8819
 EMAIL: CivilPro@RBEngineers.com

811 Know what's below. Call 811 before you dig.
 JOB NUMBER: 19081
 DRAWING NAME: 19081_CO.2_EXPL
C0.2
 2 OF 24

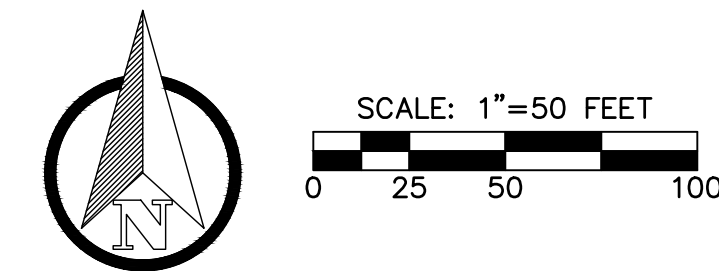
SEEDING EXPOSED SOIL AREAS

1. SEEDING MIXTURE SHALL BE (SEE BELOW) AND SHALL BE APPLIED AT THE RATE OF 120 POUNDS PER ACRE.
2. SEED BEDS PLANTED BETWEEN MAY 1 AND OCTOBER 31 WILL REQUIRE IRRIGATION AND OTHER MAINTENANCE AS NECESSARY TO FOSTER AND PROTECT THE ROOT STRUCTURE.
3. FOR SEED BEDS PLANTED BETWEEN OCTOBER 31 AND APRIL 30 ARMORING OF THE SEED BED WILL BE NECESSARY. (E.G., GEOTEXTILES, JUTE MAT, CLEAR PLASTIC COVERING).
4. BEFORE SEEDING, INSTALL NEEDED SURFACE RUNOFF CONTROL MEASURES SUCH AS GRADIENT TERRACES, INTERCEPTOR DIKES, SWALES, LEVEL SPREADERS AND SEDIMENT BASINS.
5. THE SEEDBED SHALL BE FIRM WITH A FAIRLY FINE SURFACE, FOLLOWING SURFACE ROUGHENING. PERFORM ALL OPERATIONS ACROSS OR AT RIGHT ANGLES TO THE SLOPE.
6. FERTILIZERS ARE TO BE USED ACCORDING TO SUPPLIERS RECOMMENDATIONS. AMOUNTS USED SHOULD BE MINIMIZED, ESPECIALLY ADJACENT TO WATER BODIES AND WETLANDS.

UPLAND BUFFER AREA MOISTURE CONDITIONS

COMMON NAME	SCIENTIFIC NAME	PERCENT BY WEIGHT
COLONIAL BENTGRASS	AGROSTIS ALBA	15%
TALL FESCUE	FESTUCA ARUNDINACEA	40%
PERENNIAL RYEGRASS	LOLIUM PERENNE	30%
CREeping RED FESCUE	FESTUCA RUBRA	15%

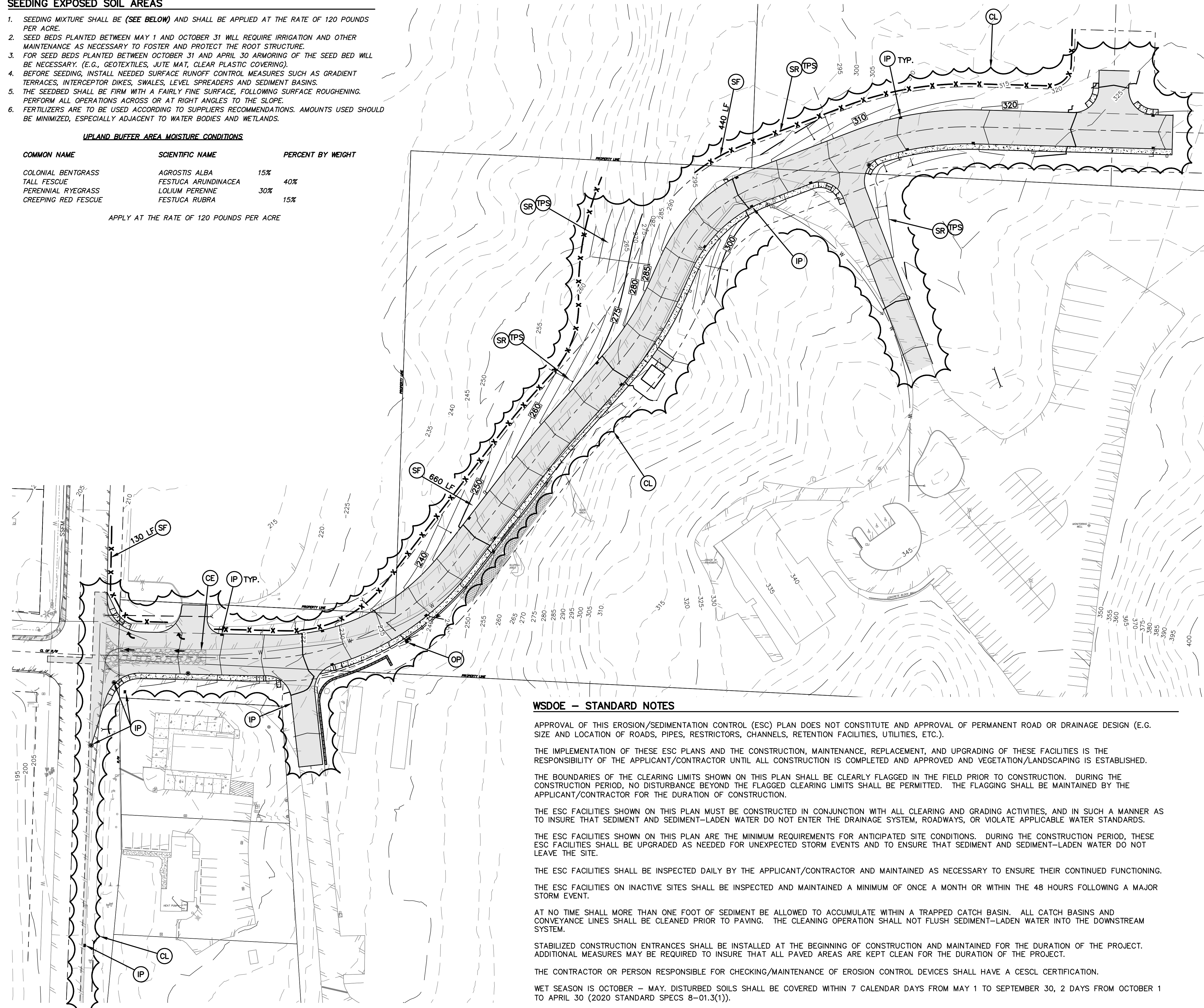
APPLY AT THE RATE OF 120 POUNDS PER ACRE



WSDOE BMP LIST:

CONTRACTOR SHALL HAVE A COPY OF THE PROJECT SWPPP ON SITE AT ALL TIMES DURING CONSTRUCTION. SEE SWPPP FOR LISTED BMPs.

- (CE) CONSTRUCTION ENTRANCE - BMP C105**
CONTRACTOR SHALL INSTALL 15 FT WIDE CONSTRUCTION ENTRANCE/EXIT USING 4 TO 8 INCH MINUS QUARRY ROCK 12 INCHES THICK PER WSDOE FIGURE II-4.2.12. CRUSHED CONCRETE WILL NOT BE ALLOWED. PLACE A WOVEN GEOTEXTILE WITH A GRAB TENSILE STRENGTH OF 200 PSI IF SOFT SOILS ARE ENCOUNTERED. PROVIDE LENGTH PER PLAN. CONTRACTOR SHALL REMOVE ALL SILT FENCING ONCE THE PROJECT IS COMPLETED OR DETERMINED TO BE STABILIZED BY THE PROJECT ENGINEER.
- (TPS) TEMPORARY AND PERMANENT SEEDING - BMP C120**
CONTRACTOR TO PROVIDE APPLY TEMPORARY AND PERMANENT HYDRO-SEEDING AS OUTLINED ON THE APPROVED TESC. PROVIDE SEED MIXES AT A RATE OF 120 POUNDS PER ACRE. SEED MIXES TO USE ARE PER APPLICABLE WSDOE TABLE 4.1.2 TEMPORARY EROSION CONTROL SEED, 4.1.3 LANDSCAPING SEED, 4.1.4 LOW-GROWING TURF SEED, 4.1.5 BIO-SWALE SEED, 4.1.6 WET AREA SEED AND 4.1.7 MEADOW SEED MIX. USE TYPICAL FERTILIZER OF 10-4-6 NPK AT A RATE OF 90 POUNDS PER ACRE AND MULCH PER BMP C121. ALL SLOPE AREAS SHALL BE SCARIFIED WITH TRACKED VEHICLE PERPENDICULAR TO THE SLOPE PRIOR TO SEEDING SLOPE.
- (SR) SURFACING ROUGHENING - BMP C130**
ALL CUT AND FILL SLOPE AREAS STEEPING THAN 10:1 SLOPE SHALL BE SCARIFIED WITH TRACKED VEHICLE PERPENDICULAR TO THE SLOPE FOR TEMPORARY AND PERMANENT SEEDING. SEE WSDOE FIGURE II-4.1.5 ON THE APPROVED TESC PLANS.
- (OP) OUTLET PROTECTION - BMP C209**
CONTRACTOR TO PROVIDE OUTLET PROTECTION AT ALL LOCATION IDENTIFIED ON THE APPROVED TESC PLAN. OUTLET PROTECTION SHALL CONSIST OF 8-INCH MINUS QUARRY ROCK PADS A MINIMUM OF 4-FEET WIDE BY 6-FEET LONG.
- (IP) STORM DRAIN INLET PROTECTION - BMP C220**
CONTRACTOR TO PROVIDE INLET PROTECTION ON ALL NEW CATCH BASIN INLETS IMMEDIATELY AFTER INSTALLATION. ALL EXISTING CATCH BASINS WITHIN 500 FEET OF THE SITE CONSTRUCTION ENTRANCE SHALL ALSO RECEIVE INLET PROTECTION. SEE DETAIL ON APPROVED PLANS. REMOVE THE BMP'S ONCE THE SITE IS DETERMINED TO BE STABILIZED BY THE PROJECT ENGINEER.
- (SF) SILT FENCING - BMP C233**
CONTRACTOR SHALL INSTALL ALL SILT FENCING PER APPROVED TESC PLAN AND WSDOE FIGURE II-4.2.12. SILT FENCING ALONG THE CLEARING LIMITS SHALL BE ORANGE IN COLOR. SEE PROJECT SWPPP FOR SILT FENCING SPECIFICATIONS.
- (CL) CLEARING LIMITS**



WSDOE - STANDARD NOTES

- APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AND APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- 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 TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A MAJOR STORM EVENT.
- AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED 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.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- THE CONTRACTOR OR PERSON RESPONSIBLE FOR CHECKING/MAINTENANCE OF EROSION CONTROL DEVICES SHALL HAVE A CESCL CERTIFICATION.
- WET SEASON IS OCTOBER - MAY. DISTURBED SOILS SHALL BE COVERED WITHIN 7 CALENDAR DAYS FROM MAY 1 TO SEPTEMBER 30, 2 DAYS FROM OCTOBER 1 TO APRIL 30 (2020 STANDARD SPECS 8-01.3(1)).

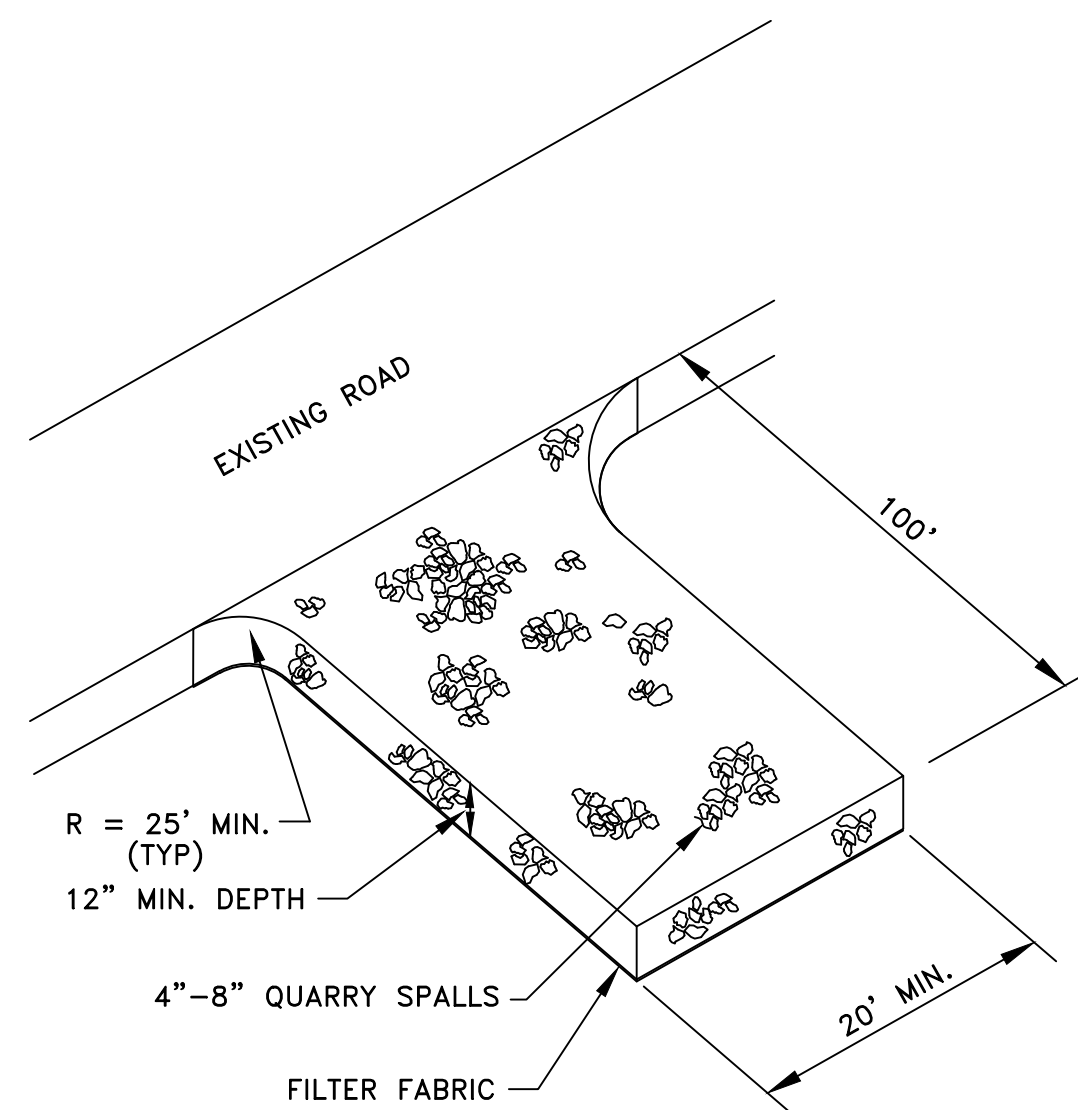
NO.	REVISION								
DESIGNED BY: <u>RWB</u>	DRAWN BY: <u>ALE</u>	CHECKED BY: <u>RWB</u>	DATE: <u>08/29/2023</u>	SCALE: <u>1" = 50'</u>					
HAMPE WAY ROAD AND UTILITY									
TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN									
RB Engineering DESIGN → PERMIT → MANAGE OFF: (360) 740-8819 EMAIL: info@rbengineering.com P.O. Box 923 CHEHALIS, WA 98532									
JOB NUMBER: <u>19081</u> DRAWING NAME: <u>19081_C1.1_ECPL</u> C1.1 3 OF 24									

General Notes (Erosion Control)

- Erosion control measures will be in place prior to the beginning of construction. A representative from the City will inspect and approve the erosion control measures prior to the start of construction.
- Erosion control measures are not limited to the items on this plan. The contractor is responsible for the installation and maintenance of all erosion measures, as required under the most recent version of the Chehalis Stormwater Management Plan. Care will be taken to prevent migration of silt and/or polluted runoff to off-site properties.
- The contractor will make regular surveillance of all erosion control measures. In addition, erosion control will be thoroughly inspected after each rainfall event. The contractor will make all necessary repairs, modifications, and additions, as necessary to ensure the proper operation of the erosion control measures. The city may require more frequent inspections of erosion control measures by the contractor should site or weather conditions dictate.
- During the wet season, November through March, all disturbed soils will be stabilized within forty-eight (48) hours after land disturbance activities have ceased. Erosion control measures will include, but are not limited to, installation of straw matting, jute matting, straw mulch and/or wood chips, and covering the affected area and spoil piles with plastic sheeting.
- The contractor will check all seeded or sodded areas regularly to ensure that the vegetative cover is being adequately established. Areas will be repaired, reseeded, and fertilized as required.
- Tracking of soil off-site will not be allowed. If any soil is tracked beyond the limits of the site, it will be removed before the end of that working day. To prevent additional tracking, vehicle tires must be swept or washed prior to leaving the project site.
- No more than 500 lineal feet (LF) of trench on a down-slope of more than five (5) percent will be opened at one time.
- Excavated material will be placed on the uphill side of trenches.
- Excavated material will not be placed in established drainage ditches, under any circumstances.
- Trench dewatering devices will be discharged in a manner that will not adversely affect flowing streams, drainage systems, or off-site properties. An established sediment trap will be used as the receiver for all trench dewatering operations.
- All disturbed areas will be seeded or sodded upon completion of work. The contractor will be responsible to ensure that complete coverage of the disturbed areas is provided and that growth of vegetation is established. Seed and sod applications will be conducted in accordance with the timelines noted in the most recent edition of the WSDOT Standard Specifications.
- All erosion control will remain in place until such time as the site is adequately stabilized. Prior to removal of erosion control measures, the Engineering Division will be notified for final inspection and approval.

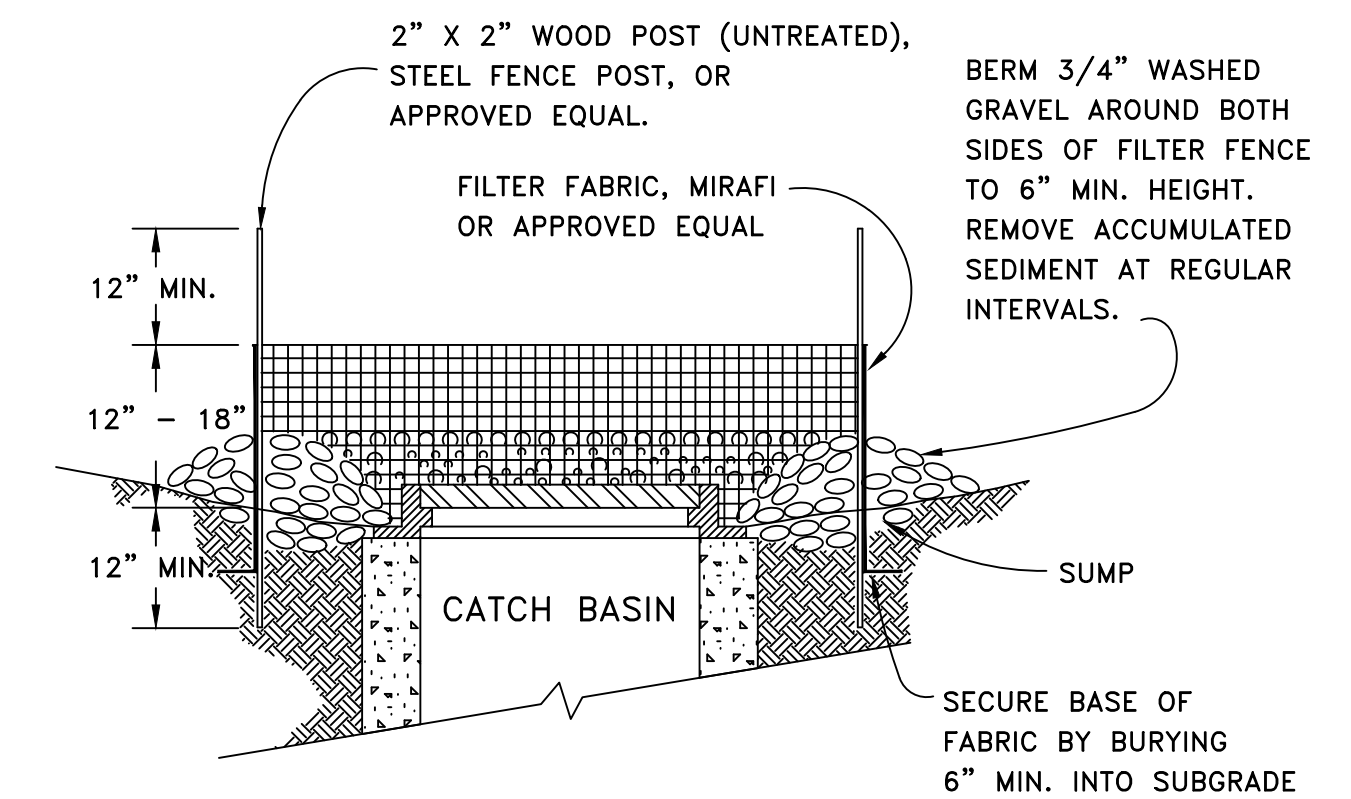
City of Chehalis

GENERAL NOTES (EROSION CONTROL)



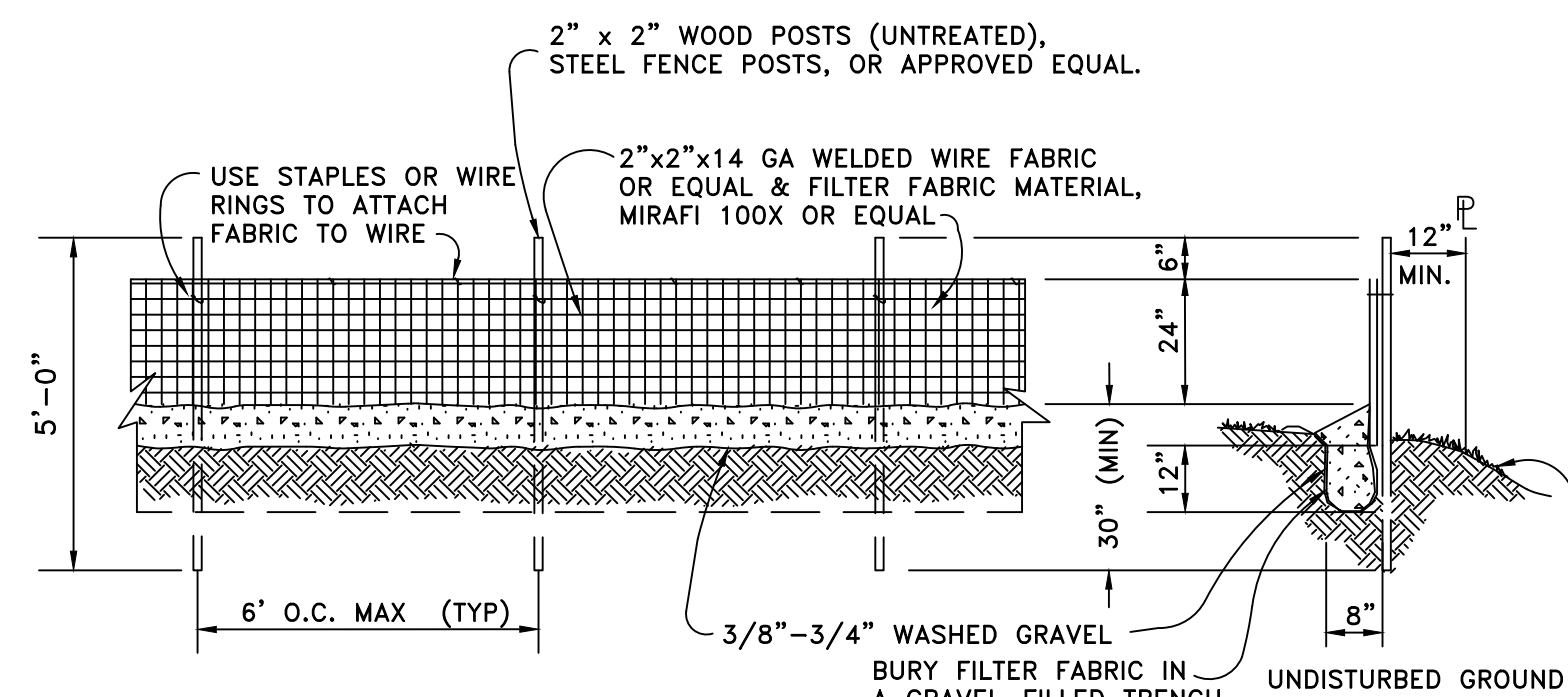
DRAWING NOT TO SCALE

City of Chehalis	
STABILIZED CONSTRUCTION ENTRANCE	
APPROVED BY	DWG. NO. 3-2
	REVISED DATE 1/02/2003
CITY ENGINEER	



DRAWING NOT TO SCALE

City of Chehalis	
FILTER FABRIC CATCH BASIN PROTECTION	
APPROVED BY	DWG. NO. 3-5
	REVISED DATE 1/02/2003
CITY ENGINEER	

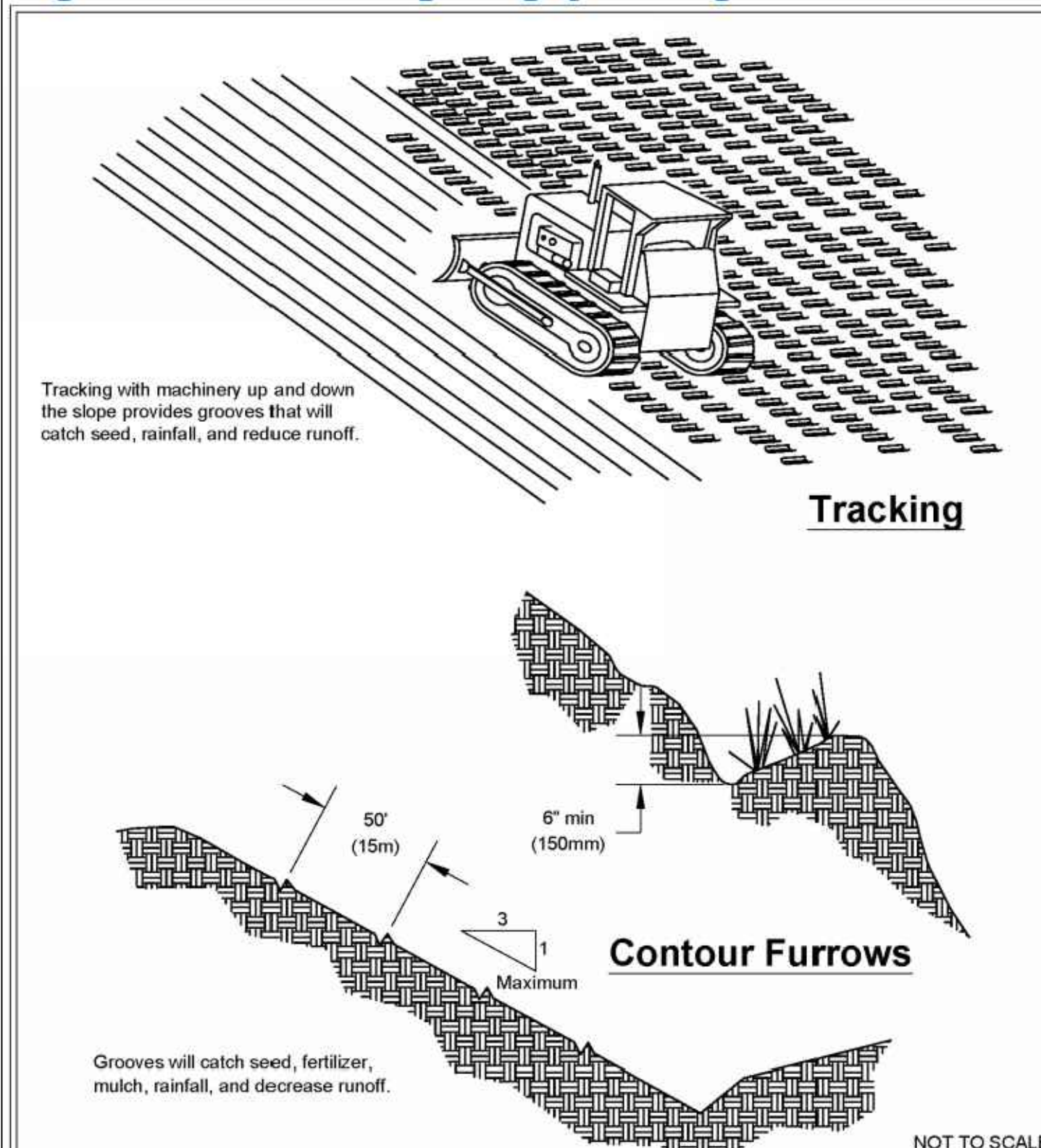


NOTES:

- FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH MINIMUM 6-INCH OVERLAP, AND SECURELY FASTENED @ BOTH ENDS.
- A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1-INCH LONG, TIE WIRES, OR HOG RINGS. THE WIRE WILL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES & SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- WHEN EXTRA-STRENGTH FILTER FABRIC & 4-FOOT MAXIMUM POST SPACING IS USED, THE WIRE MESH FENCE MAY BE ELIMINATED. IN SUCH CASES, THE FILTER FABRIC WILL BE STAPLED OR WIRED DIRECTLY TO THE POSTS W/ ALL OTHER PROVISIONS STILL APPLYING.
- SILT FENCE SHALL NOT BE MOVED BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
- SILT FENCING SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL & AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

DRAWING NOT TO SCALE

City of Chehalis	
TEMPORARY SILT FENCE	
APPROVED BY	DWG. NO. 3-4
	REVISED DATE 1/02/2003
CITY ENGINEER	



NOT TO SCALE



Surface Roughening by Tracking and Contour Furrows

Revised June 2016

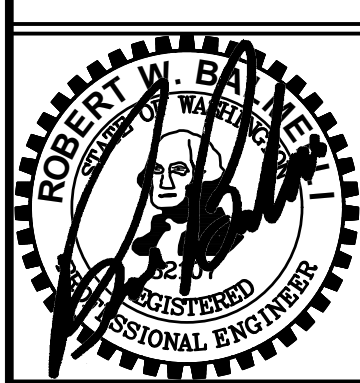
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NO.	DATE	REVISION

DESIGNED BY: RWB	ALE
DRAWN BY: RWB	RWB
CHECKED BY: RWB	RWB
DATE: 08/29/2023	N.T.S.
SCALE: N.T.S.	

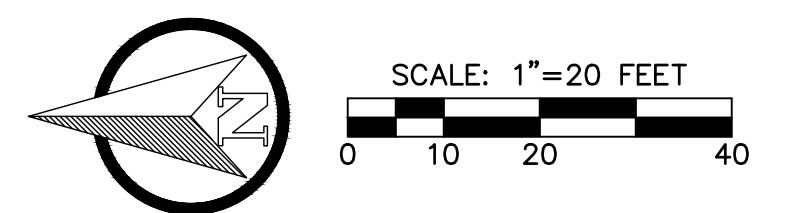
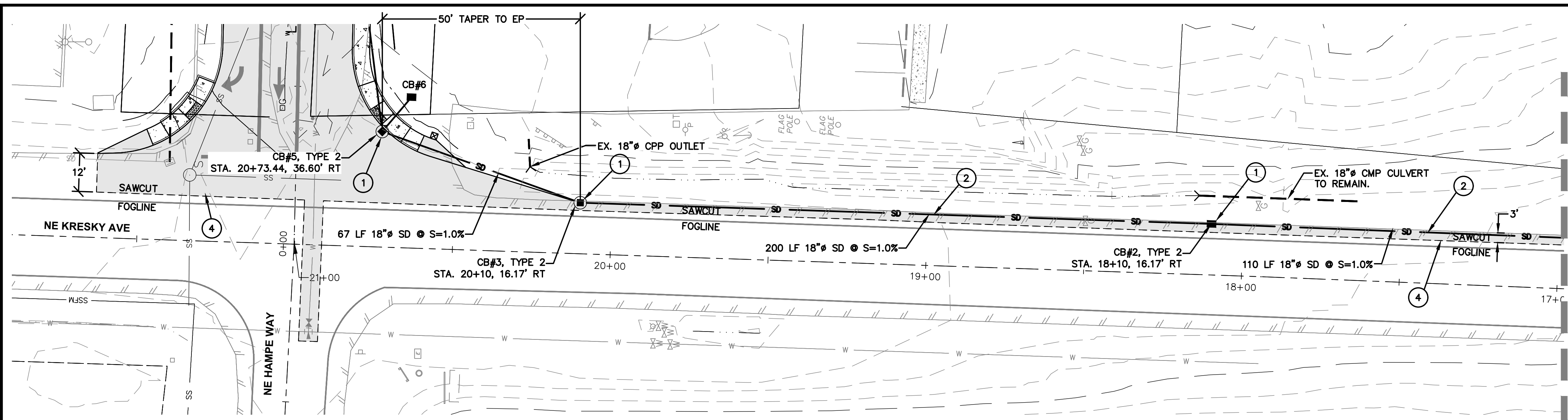
WA.
CHEHALIS
HAMPE WAY ROAD AND UTILITY

T.E.S.C. DETAILS AND NOTES



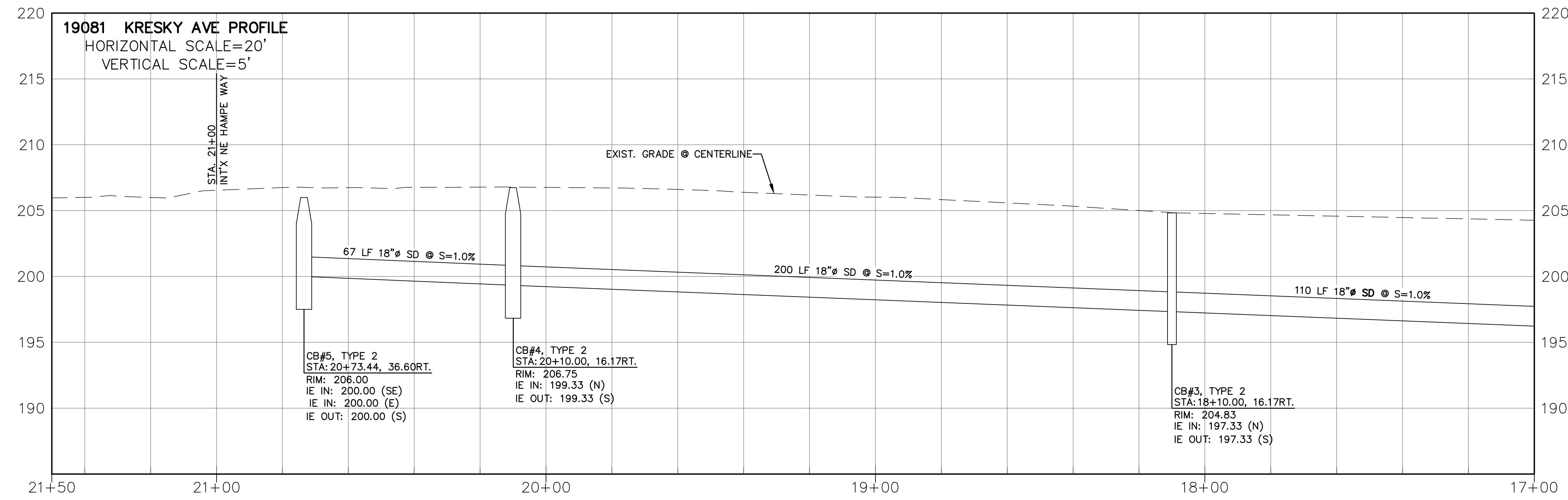
RB Engineering
DESIGN → PERMIT → MANAGE
OFF: (360) 740-8819
EMAIL: info@rbengineering.com
P.O. Box 923
CHEHALIS, WA 98532

811 Know what's below. Call 811 before you dig.
JOB NUMBER 19081
DRAWING NAME 19081_1.2_ECDN
C1.2
4 OF 24



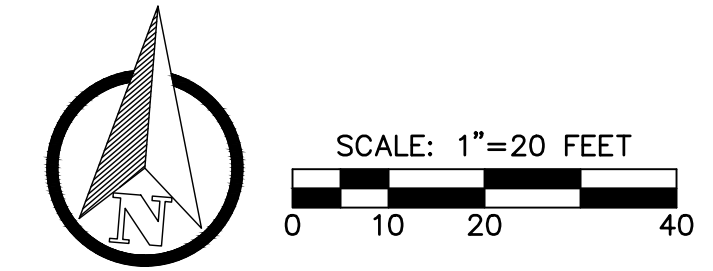
- ROAD, STORM AND GRADING NOTES:**
- 1 INSTALL NEW TYPE 2 CATCH BASIN PER PLAN AND STD. DETAIL ON SHEET C2.11. ALL SDMH'S SHALL HAVE VANED INLET GRATES.
 - 2 INSTALL NEW ADS N12 OR EQUAL STORM MAIN PIPE PER PLAN AND REVIEW AGENCY STANDARDS. BACKFILL PIPE PER STD. DETAIL ON SHEET C2.11. MAINTAIN MINIMUM 2 FEET OF COVER OVER ALL STORM PIPE.
 - 3 INSTALL NEW TYPE 1 CATCH BASIN PER PLAN AND STD. DETAIL ON SHEET C2.11. ALL CB'S SHALL HAVE VANED INLET GRATES.
 - 4 SAWCUT 740 LF OF EXISTING ASPHALT 3' INSIDE OF EXISTING PAVEMENT ALONG NE KRESKY AVE. PER PLAN.

BREAKLINE STA. 17+00, SEE CONTINUATION ON SHEET C2.2.



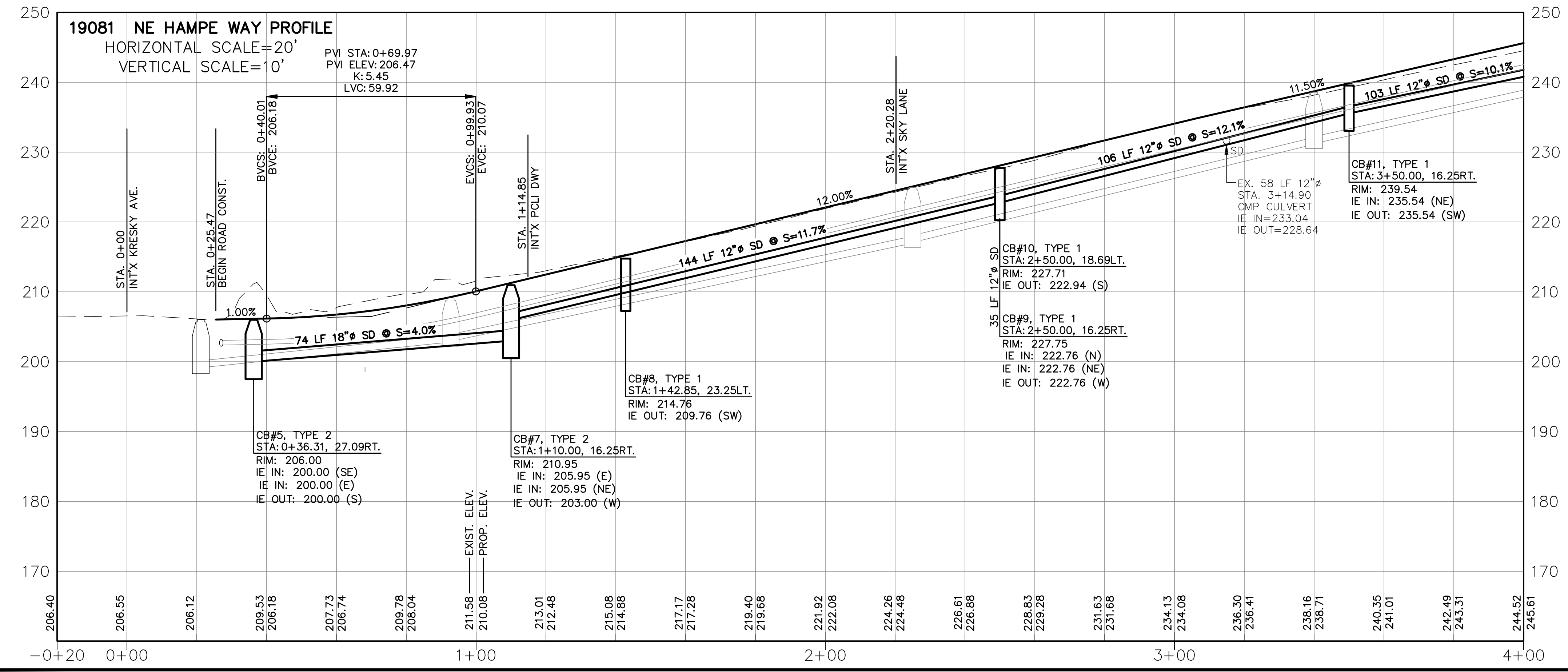
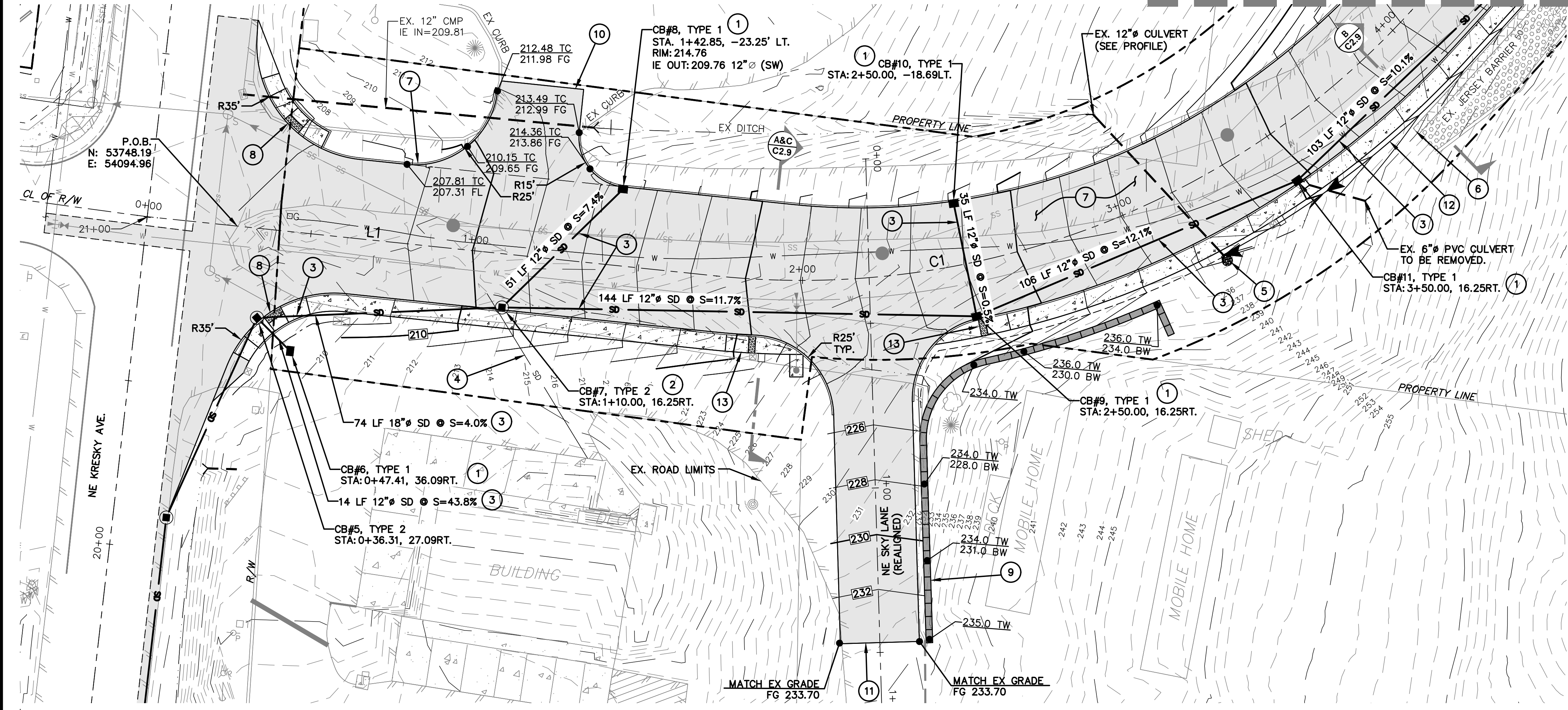
NO.	DATE	DESIGNED BY: <u>RWB</u>	DRAWN BY: <u>ALE</u>	CHECKED BY: <u>RWB</u>	DATE: <u>08/29/2023</u>	SCALE: <u>1" = 20'</u>
HAMPE WAY ROAD AND UTILITY						
KRESKY AVE DRAINAGE EXTENSION PLAN AND PROFILE						
RB Engineering DESIGN → PERMIT → MANAGE P.O. Box 923 CHEHALIS, WA 98532 OFF: (360) 740-8819 EMAIL: info@rbengineering.com						
JOB NUMBER: <u>19081</u> DRAWING NAME: <u>19081_C2.1_DRPP</u> C2.1 5 OF 24						

BREAKLINE STA. 4+00, SEE CONTINUATION ON SHEET C2.5.



ROAD, STORM AND GRADING NOTES:

1. INSTALL NEW TYPE 1 CATCH BASIN PER PLAN AND STD. DETAIL ON SHEET C2.11. ALL CB'S SHALL HAVE VANED INLET GRATES.
2. INSTALL NEW TYPE 2 CATCH BASIN PER PLAN AND STD. DETAIL ON SHEET C2.11. ALL CB'S SHALL HAVE VANED INLET GRATES.
3. INSTALL NEW ADS N12 OR EQUAL STORM MAIN PIPE PER PLAN AND REVIEW AGENCY STANDARDS. BACKFILL PIPE PER STD. DETAIL ON SHEET C2.11. MAINTAIN MINIMUM 2 FEET OF COVER OVER ALL STORM PIPE.
4. LOCATE EXISTING STORM LINE DRAIN PIPE AND CONNECT TO TYPE 2 CB#7. FIELD VERIFY IE AT CONNECTION POINT PRIOR TO NEW STORM DRAIN INSTALLATION.
5. EXTEND CULVERT AND GRADE SUMP AT CULVERT INLET AND ARMOR INLET WITH 6-INCH MINUS QUARRY ROCK OVER MIRAFI 500X WOVEN FABRIC. SEE DETAIL ON SHEET C2.11.
6. INSTALL 6-INCH PERFORATED PIPE AND TRENCH ALONG ARMORED SECTION OF SLOPE AND DAYLIGHT TO EXISTING CULVERT INLET WITH SOLID WALL ADS N12 PIPE. SEE DETAIL ON SHEET C2.9.
7. INSTALL NEW PUBLIC CITY STREET PER CITY STANDARD STREET SECTION A AND SECTION C ON SHEET C2.9 AND CURB, GUTTER AND SIDEWALK DETAILS ON SHEET C2.10. SEE SHEET C5.1 FOR STREET LIGHT INSTALLATION.
8. CONSTRUCT PARALLEL CURB RAMP PER ELEVATIONS ON SHEET C2.8.
9. CONSTRUCT 124 LF 2-FOOT TALL ECOLOGY BLOCK RETAINING WALL PER PLAN AND DETAIL ON SHEET C2.9.
10. SAWCUT AND RECONSTRUCT DRIVEWAY ENTRANCE TO PCL1 PER PLAN. SEE ELEVATIONS ON SHEET C2.8.
11. RECONSTRUCT NE SKY LANE ROAD AND APPROACH PER PLAN AND ELEVATIONS ON SHEET C2.8. SEE ROAD SECTION DETAIL ON SHEET C2.9.
12. PROVIDE 2-FOOT WIDE "V"-DITCH BEHIND WALK, TYPICAL. DITCH SHALL BE TIGHT-LINED TO EX 12"Ø CULVERT PER PLAN. IE IN = 233.04 IE OUT = 228.64
13. CONSTRUCT SINGLE DIRECTION RAMP PER PLAN AND DETAIL ON SHEET C2.11. SEE ELEVATIONS ON SHEET C2.8.



ROAD SEGMENT TABLE			
Number	Length	Radius	Line/Chord Direction
L1	146.4		S88° 40' 40.15"E
C1	234.2	250	N64° 29' 00.99"E
L2	133.0		N37° 38' 42.13"E
C2	34.9	500	N39° 38' 49.74"E
L3	81.6		N41° 38' 57.34"E
C3	92.5	300	N32° 48' 45.46"E
L4	28.5		N23° 58' 33.58"E
C4	118.1	150	N46° 32' 21.08"E
L5	107.8		N69° 06' 08.58"E
C5	117.7	300	N80° 20' 15.39"E
L6	202.7		S88° 25' 37.79"E

REVISION	
NO.	DATE
DESIGNED BY: RWB	ALE
DRAWN BY: RWB	RWB
CHECKED BY: RWB	RWB
DATE: 08/29/2023	SCALE: 1" = 20'
HAMPE WAY ROAD AND UTILITY	
WA.	CHEHALIS
HAMPE ROAD AND STORM PLAN AND PROFILE	
RB Engineering DESIGN → PERMIT → MANAGE P.O. Box 923 CHEHALIS, WA 98532 OFF: (360) 740-8819 EMAIL: CivPro@RBEng.com	
JOB NUMBER 19081 DRAWING NAME 19081_C2.4_RDPP C2.4 8 OF 24	