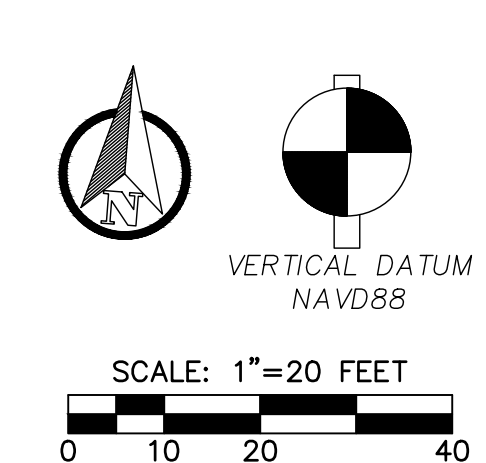
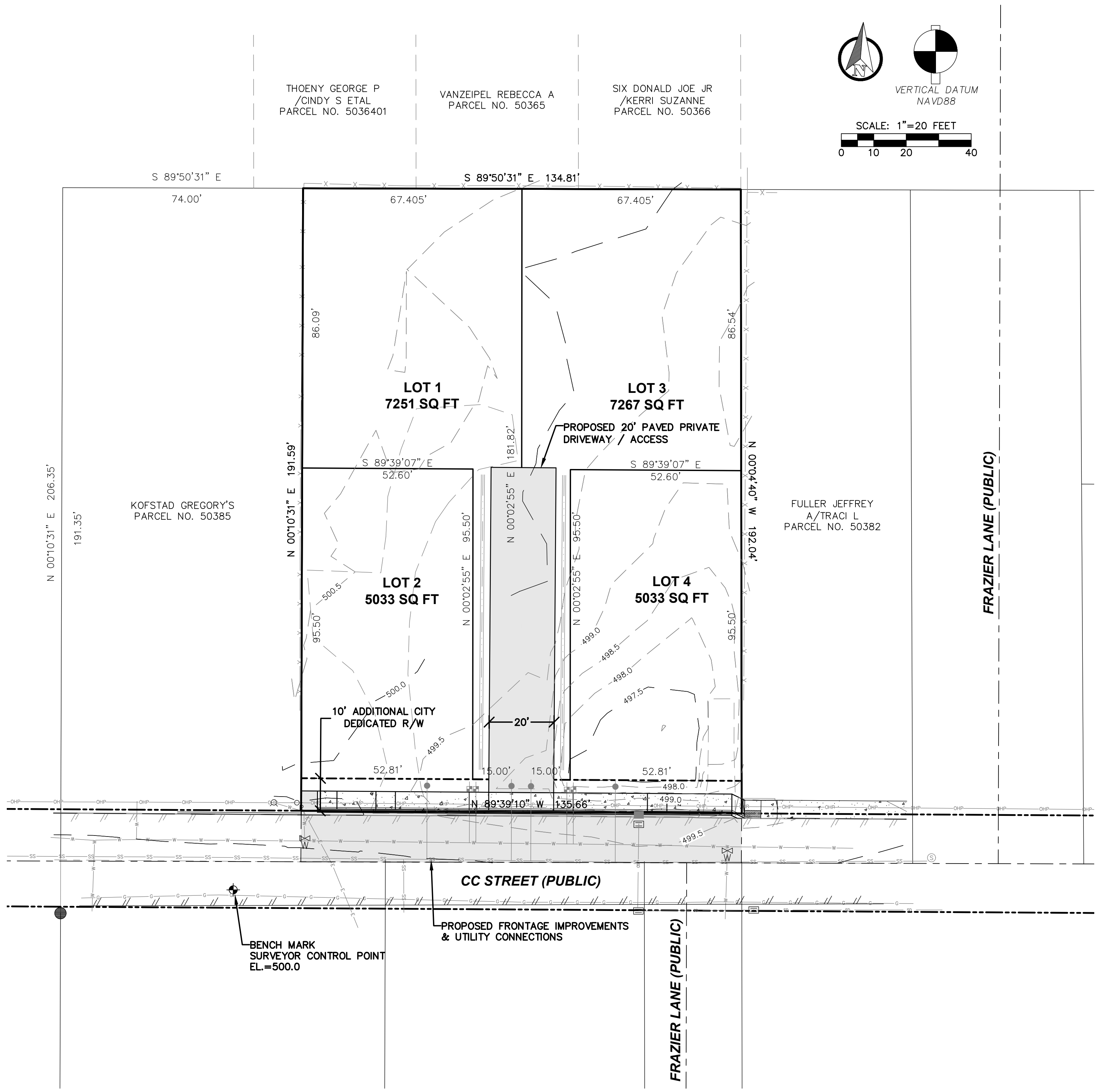


LEGEND

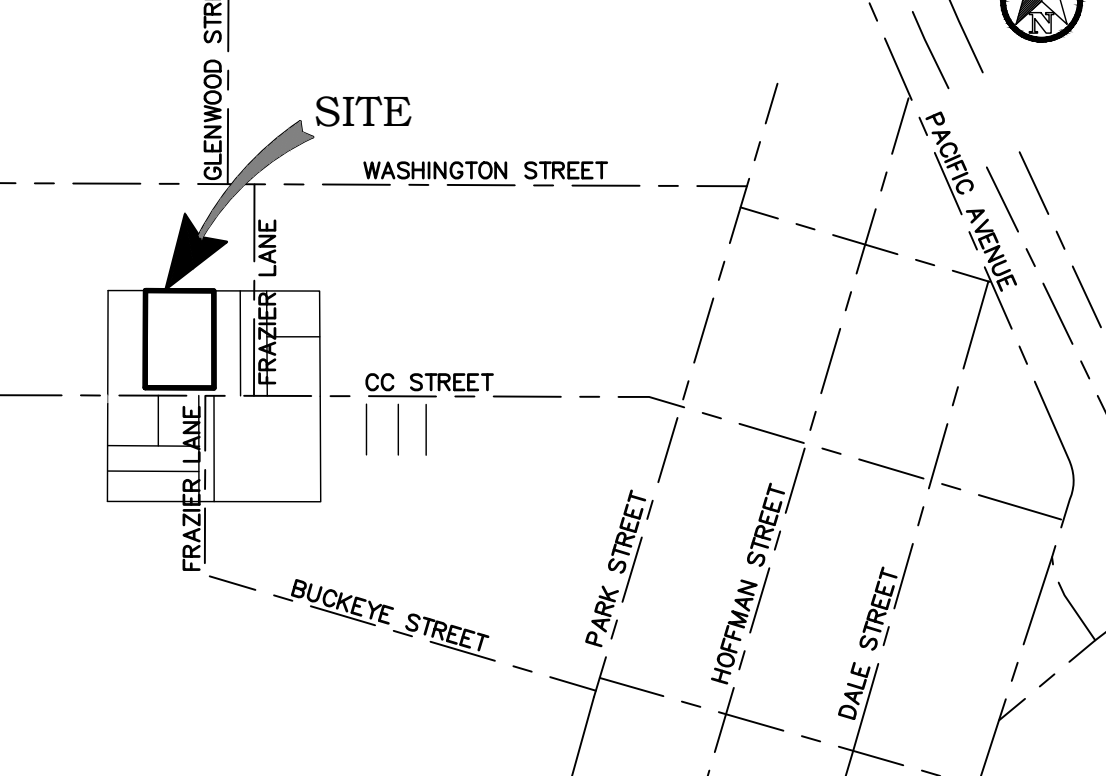
EXISTING	PROPOSED	
W	W	WATER MAIN
SS	SS	SANITARY SEWER MAIN
FM	FM	FORCE MAIN
SD	SD	STORM MAIN
RD	RD	ROOF DRAIN
	///	FOOTING DRAIN
G	G	GAS LINE
UGP	UGP	POWER LINE
T	T	TELEPHONE LINE
TV	CATV	CABLE TV LINE
	---	ROADWAY CENTERLINE
	---	RIGHT-OF-WAY LINE
	---	EASEMENT LINE
	---	FRONT/BACK OF CURB
	---	EDGE OF GRAVEL SHOULDER
///	---	EDGE OF PAVEMENT
	---	SAWCUT LINE
	---	TOP/TOE OF SLOPE
	---	BUILDING ENVELOPE/SETBACK
---GB---	---GB---	GRADE BREAK
xxx	xxx	CONTOUR LINE
---	---	FENCE
---	---	SILT FENCING
	---	CLEARING LIMITS
	---	DRAINAGE BASIN BOUNDARY
	---	SWALE/DITCH CENTERLINE
		FIRE HYDRANT
		GATE VALVE
		THRUST BLOCKING
		WATER METER BOX
		WELL
		STORM DRAIN CATCH BASIN
		STORM DRAIN MANHOLE
		CLEANOUT
		SOIL TEST PIT
		INFILTRATION TEST PIT
		SURFACE FLOW DIRECTION
		SLOPE
		RIPRAP
		SPOT ELEVATION
		SEWER MANHOLE
		POWER POLE
		POLE ANCHOR
		TELEPHONE RISER
		GAS VALVE
		GAS METER
		BUSH/SHRUB
		TREE (CONIFER)
		TREE (DECIDUOUS)
		SIGN

CC STREET ROAD AND UTILITIES

SECTION 25, TOWNSHIP 05 NORTH, RANGE 01 WEST, W.M.
COWLITZ COUNTY, WASHINGTON



VICINITY MAP



PROJECT INFORMATION

APPLICANT: KT WEST LLC
PO BOX 1152
WOODLAND, WA 98674
(360) 773-5734
TYKOIST@GMAIL.COM

SURVEYOR: BROWN SURVEYING, PLLC.
PO BOX 414
AMBOY, WA 98601
(360) 600-0846
EBROWNSURVEYING@GMAIL.COM

PARCEL NOS: 50383

SITE ADDRESS: 612 CC STREET
WOODLAND, WA 98674

ZONING: LDR-6
MIN. LOT WIDTH: 15 FEET
BUILDING SETBACKS: FRONT 25', REAR 15', INTERIOR SIDE 5', STREET SIDE 15'
MAX. LOT COVERAGE: 28%

TOTAL SITE AREA: 25,940 SF / 0.59 ACRES
EXISTING ON-SITE DWY: 2,870 SF / 0.06 ACRES
NEW ON-SITE DWY: 1,990 SF / 0.04 ACRES
STREET FRONTAGE: 135 FEET

DRIVEWAY GRADING: 15 CY CUT / 38 CY FILL
NO. NO
SOILS: 141-NEWBERG FINE SANDY LOAM

WATER/SEWER SERVICE: CITY OF WOODLAND (360) 225-8281 EXT.116
POWER SERVICE: COWLITZ PUD (360) 423-2210
GAS SERVICE: CASCADE NATURAL GAS (360) 423-7470

SHEET INDEX

C0.1 CIVIL COVER SHEET AND SITE MAP
C1.1 GRADING, DRAINAGE AND TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN
C1.2 ROAD, DRAINAGE, AND T.E.S.C. DETAILS AND NOTES
C2.1 FRONTAGE IMPROVEMENT PLAN AND PROFILE
C2.2 FRONTAGE IMPROVEMENT DETAILS AND NOTES
C3.1 WATER AND SEWER SERVICE PLAN AND PROFILE
C3.2 WATER AND SEWER DETAILS AND NOTES

SURVEY INFORMATION

LEGAL DESCRIPTION:
IN A PORTION OF LOT 27 IN THE "MRS. IDA E. PARENT'S ACRE TRACTS" (3-159), IN THE S. & M. BOZARTH D.L.C. IN THE NW 1/4 OF THE NE 1/4 OF SECTION 24 T5N, R1W, W.M.

BASIS OF BEARING:
S 89°39'10" E ALONG THE CENTERLINE OF CC STREET PER R.O.S. 28-169.

GEOTECHNICAL NOTE

A GEOTECHNICAL REPORT WAS NOT PREPARED FOR THIS PROJECT. IN LIEU OF A REPORT, ALL RETAINING WALL, CONSTRUCTION, EARTHWORK, SUB-GRADE PREPARATION, AND PAVING ACTIVITIES SHALL COMPLY WITH THE STANDARD SPECIFICATIONS AND THE IBC.

WORK IN CITY RIGHT-OF-WAY

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

TOPOGRAPHIC NOTE

TOPOGRAPHIC INFORMATION DEPICTED HEREON WAS PROVIDED BY BROWN SURVEYING, PLLC. TOPOGRAPHIC INFORMATION WAS NOT FIELD VERIFIED BY RB ENGINEERING.

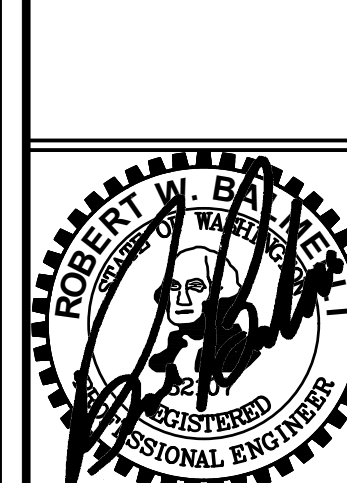
NO.	DATE	REVISION

DESIGNED BY: RWB	DRAWN BY: ALE	CHECKED BY: RWB	DATE: 12/26/2023	SCALE: 1" = 20'
------------------	---------------	-----------------	------------------	-----------------

CC STREET ROAD AND UTILITIES

CITY OF WOODLAND WA.

CIVIL COVER SHEET AND SITE MAP



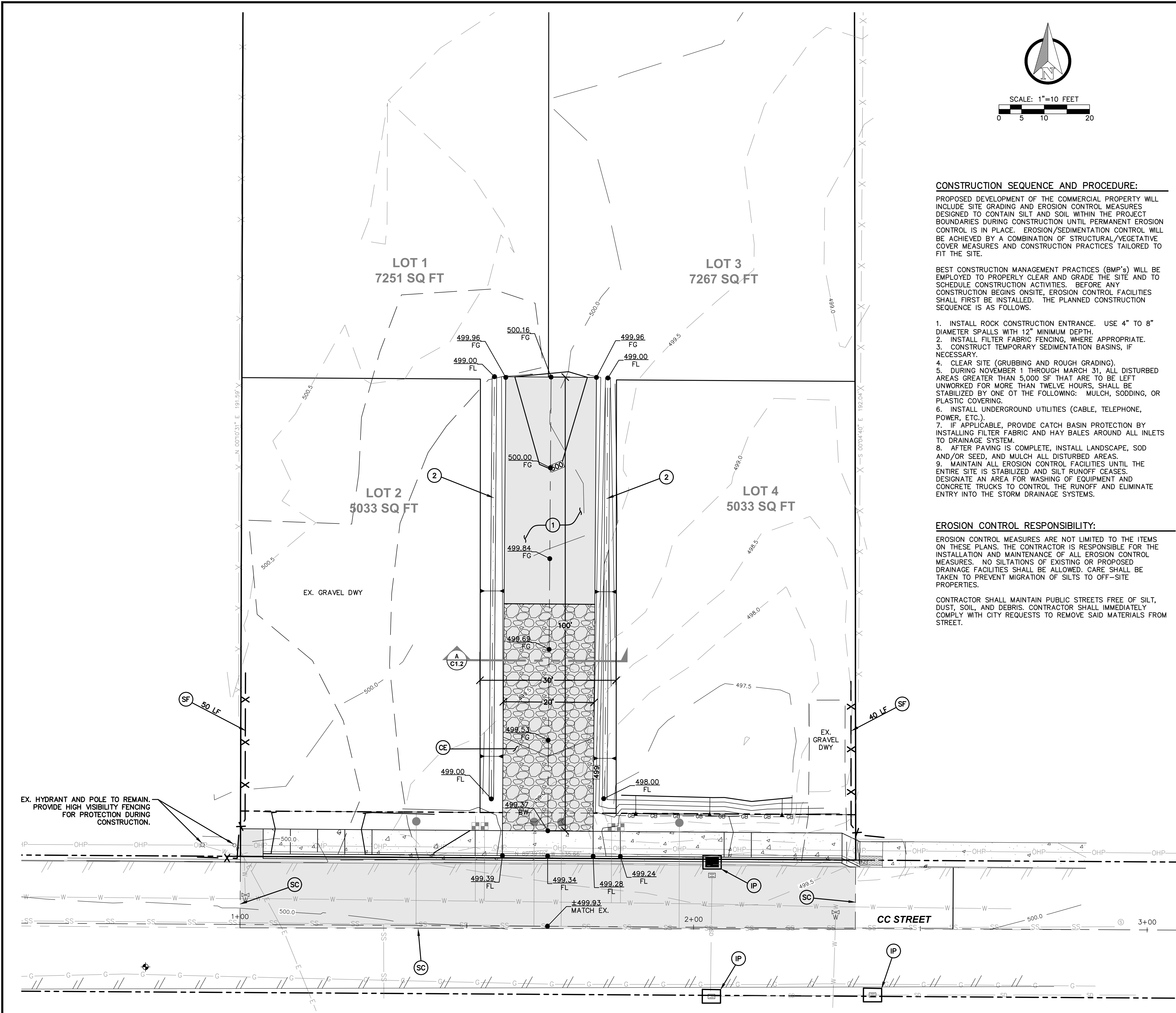
RB Engineering

DESIGN - PERMIT - MANAGE

OFF: (360) 740-8919
CHEHALIS, WA 98632
EMAIL: info@rb-engineers.com

811 Know what's below. Call 811 before you dig.

JOB NUMBER: 23048
DRAWING NAME: 23048_COVR
C0.1
1 OF 7



ROAD GRADING & CONSTRUCTION NOTES:

- 1 STA. 1+67.74, 21' LT
CONSTRUCT NEW 20 FT WIDE PAVED DRIVEWAY PER PLAN AND SECTION DETAIL ON SHEET C1.2.
- 2 CONSTRUCT 1-FT WIDE SHALLOW GRASS-LINED INFILTRATION SWALE ALONG DRIVEWAY PER PLAN.

CONSTRUCTION SEQUENCE AND PROCEDURE:

PROPOSED DEVELOPMENT OF THE COMMERCIAL PROPERTY WILL INCLUDE SITE GRADING AND EROSION CONTROL MEASURES DESIGNED TO CONTAIN SILT AND SOIL WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION UNTIL PERMANENT EROSION CONTROL IS IN PLACE. EROSION/SEDIMENTATION CONTROL WILL BE ACHIEVED BY A COMBINATION OF STRUCTURAL/VEGETATIVE COVER MEASURES AND CONSTRUCTION PRACTICES TAILORED TO FIT THE SITE.

BEST CONSTRUCTION MANAGEMENT PRACTICES (BMP's) WILL BE EMPLOYED TO PROPERLY CLEAR AND GRADE THE SITE AND TO SCHEDULE CONSTRUCTION ACTIVITIES. BEFORE ANY CONSTRUCTION BEGINS ONSITE, EROSION CONTROL FACILITIES SHALL FIRST BE INSTALLED. THE PLANNED CONSTRUCTION SEQUENCE IS AS FOLLOWS.

1. INSTALL ROCK CONSTRUCTION ENTRANCE. USE 4" TO 8" DIAMETER SPALLS WITH 12" MINIMUM DEPTH.
2. INSTALL FILTER FABRIC FENCING, WHERE APPROPRIATE.
3. CONSTRUCT TEMPORARY SEDIMENTATION BASINS, IF NECESSARY.
4. CLEAR SITE (GRUBBING AND ROUGH GRADING).
5. DURING NOVEMBER 1 THROUGH MARCH 31, ALL DISTURBED AREAS GREATER THAN 5,000 SF THAT ARE TO BE LEFT UNWORKED FOR MORE THAN TWELVE HOURS, SHALL BE STABILIZED BY ONE OF THE FOLLOWING: MULCH, SODDING, OR PLASTIC COVERING.
6. INSTALL UNDERGROUND UTILITIES (CABLE, TELEPHONE, POWER, ETC.).
7. IF APPLICABLE, PROVIDE CATCH BASIN PROTECTION BY INSTALLING FILTER FABRIC AND HAY BALES AROUND ALL INLETS TO DRAINAGE SYSTEM.
8. AFTER PAVING IS COMPLETE, INSTALL LANDSCAPE, SOD AND/OR SEED, AND MULCH ALL DISTURBED AREAS.
9. MAINTAIN ALL EROSION CONTROL FACILITIES UNTIL THE ENTIRE SITE IS STABILIZED AND SILT RUNOFF CEASES. DESIGNATE AN AREA FOR WASHING OF EQUIPMENT AND CONCRETE TRUCKS TO CONTROL THE RUNOFF AND ELIMINATE ENTRY INTO THE STORM DRAINAGE SYSTEMS.

EROSION CONTROL RESPONSIBILITY:

EROSION CONTROL MEASURES ARE NOT LIMITED TO THE ITEMS ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. NO SILTATIONS OF EXISTING OR PROPOSED DRAINAGE FACILITIES SHALL BE ALLOWED. CARE SHALL BE TAKEN TO PREVENT MIGRATION OF SILTS TO OFF-SITE PROPERTIES.

CONTRACTOR SHALL MAINTAIN PUBLIC STREETS FREE OF SILT, DUST, SOIL, AND DEBRIS. CONTRACTOR SHALL IMMEDIATELY COMPLY WITH CITY REQUESTS TO REMOVE SAID MATERIALS FROM STREET.

WSDOE BMP LIST:

- CONTRACTOR SHALL HAVE A COPY OF THE PROJECT SWPPP ONSITE 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.
 - TFS 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.
 - SC SAWCUTTING AND SURFACING POLLUTION PREVENTION – BMP C152
CONTRACTOR SHALL PROTECT ALL DRAINS FROM PROCESS WATER USED FOR SAWCUTTING ASPHALT AND CONCRETE PAVEMENTS. ALL PROCESS WATER SLURRY SHALL BE COLLECTED AND REMOVED FROM THE SITE AND DISPOSE PROCESS WATER IN A MANNER THAT DOES NOT VIOLATE GROUND OR SURFACE WATER QUALITY STANDARDS.
 - 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.
 - TSP TEMPORARY SEDIMENT POND – BMP C241
CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT POND PER APPROVED TESC PLAN AND POND CROSS SECTION DETAILS ON PLANS.

PAVING NOTE:

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.

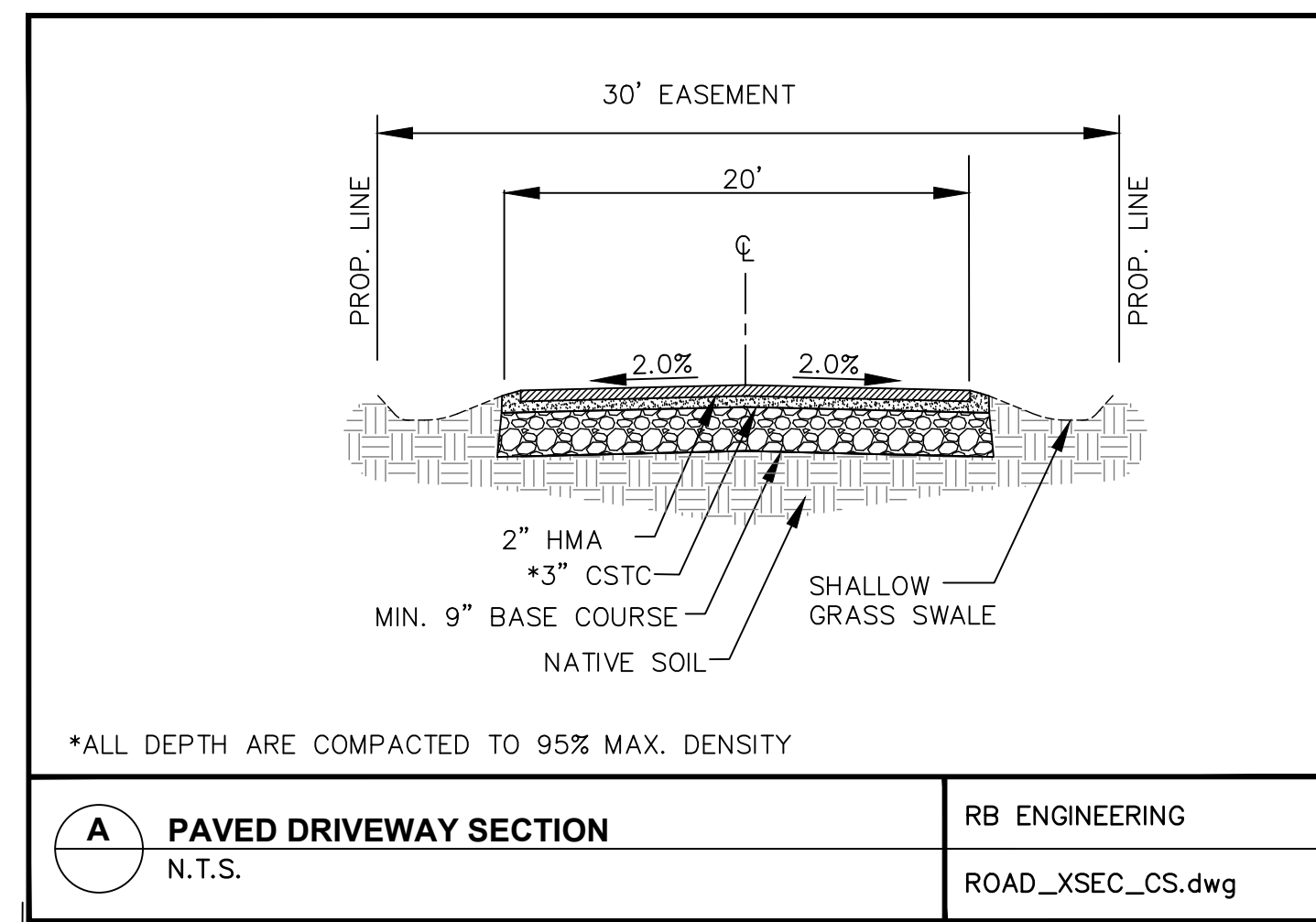
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH THE MUTCD PRIOR TO DISRUPTION OF ANY TRAFFIC. TRAFFIC CONTROL PLANS WILL BE PREPARED AND SUBMITTED TO THE CITY FOR APPROVAL. NO WORK SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE.

ALL CURBS, STREET GRADES, SIDEWALK GRADES, AND ANY OTHER VERTICAL AND/OR HORIZONTAL ALIGNMENT SHALL BE STAKED BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.

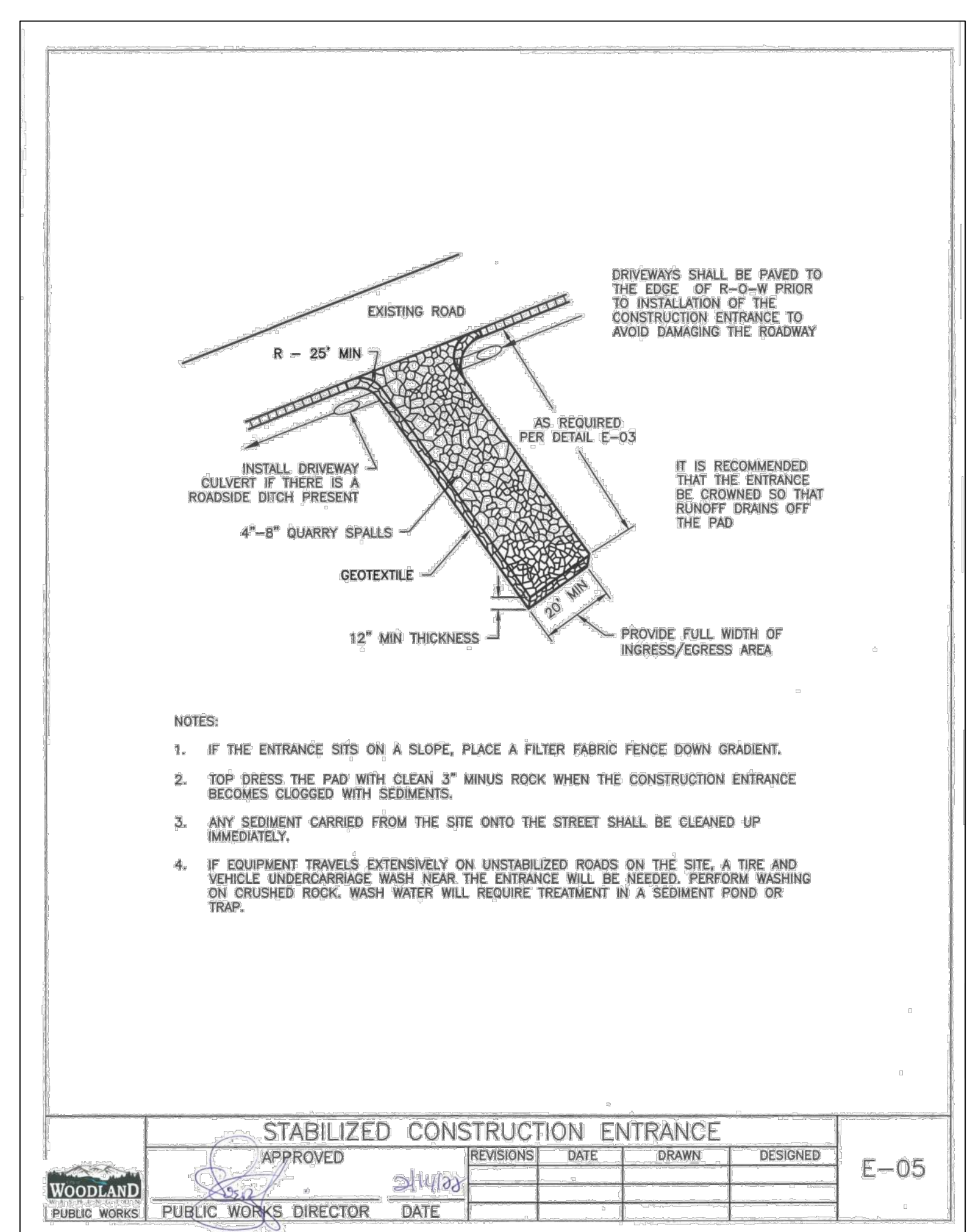
WHERE NEW ASPHALT JOINS EXISTING, THE EXISTING ASPHALT SHALL BE CUT TO A NEAT VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION TYPE CSS-1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE NEW ASPHALT SHALL BE FEATHERED BACK OVER EXISTING TO PROVIDE FOR A SEAL AT THE SAW CUT LOCATION AND THE JOINT SEALED WITH GRADE AR-4000W PAVING ASPHALT.

COMPACTION OF SUBGRADE, ROCK, AND ASPHALT SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

REVISION									
NO.	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE:	SCALE:	1" = 10'	RWB	ALE	RWB	12/26/2023
CC STREET ROAD AND UTILITIES									
GRADING, DRAINAGE, AND TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN									
CITY OF WOODLAND WA.									
RB Engineering DESIGN → PERMIT → MANAGE P.O. Box 923 CHEWAS, WA 98632 OFF: (360) 740-8919 EMAIL: info@rbengineers.com									
811 Know what's below. Call 811 before you dig.									
JOB NUMBER 23048 DRAWING NAME 23048_C1.1_GDPL C1.1 2 OF 7									



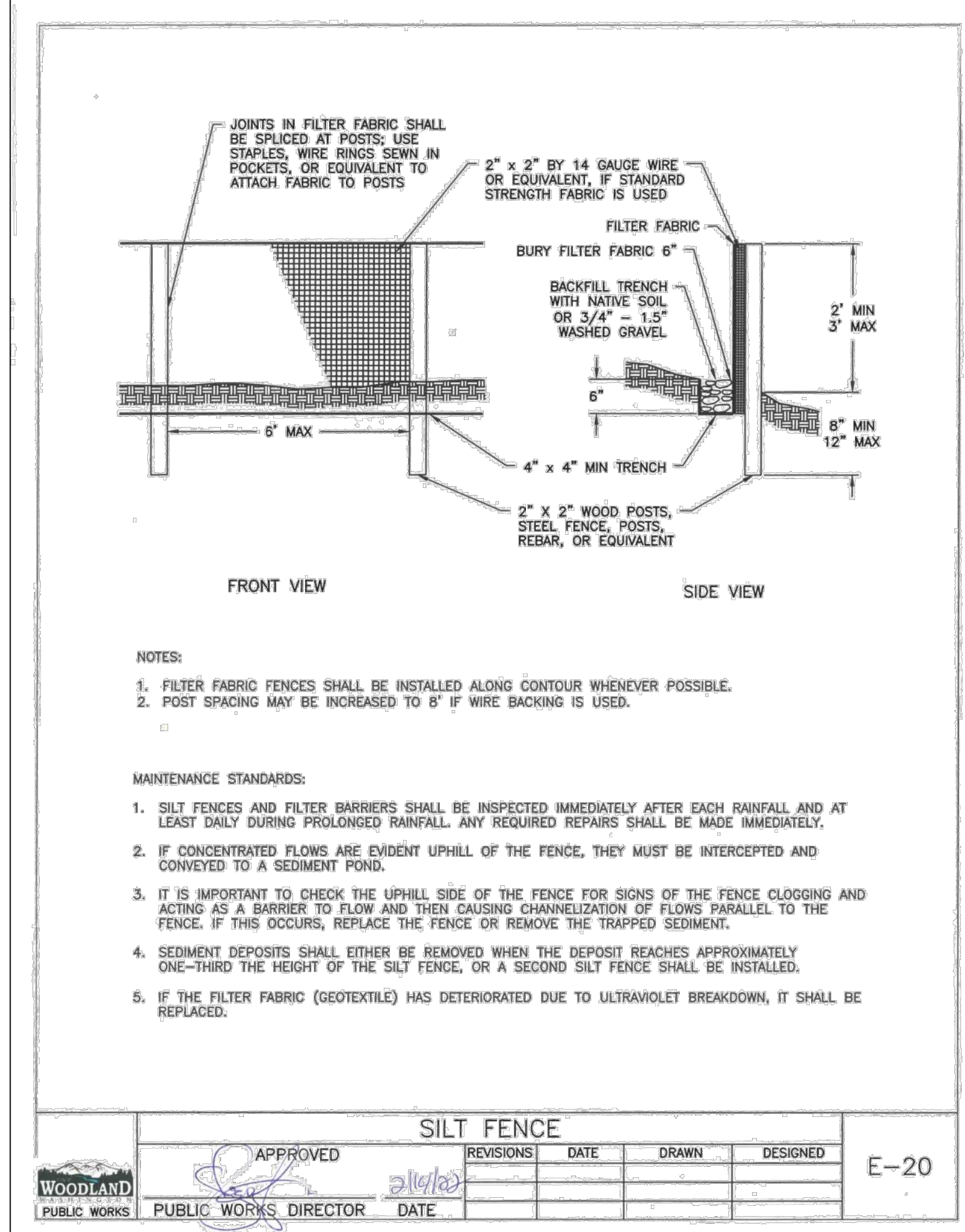
A PAVED DRIVEWAY SECTION N.T.S.	RB ENGINEERING ROAD_XSEC_CS.dwg
---	------------------------------------



- NOTES:
- IF THE ENTRANCE SITS ON A SLOPE, PLACE A FILTER FABRIC FENCE DOWN GRADIENT.
 - TOP DRESS THE PAD WITH CLEAN 3\"/>

STABILIZED CONSTRUCTION ENTRANCE				
APPROVED	REVISIONS	DATE	DRAWN	DESIGNED
[Signature]				
PUBLIC WORKS DIRECTOR	DATE			

	% Weight	% Purity	% Germination
Chewings or annual blue grass (<i>Festuca rubra</i> var. <i>commutata</i> or <i>Poa annua</i>)	40	98	90
Perennial rye blend (<i>Lolium perenne</i>)	50	98	90
Redtop or colonial bentgrass (<i>Agrostis alba</i> or <i>Agrostis tenuis</i>)	5	92	85
White dutch clover (<i>Trifolium repens</i>)	5	98	90



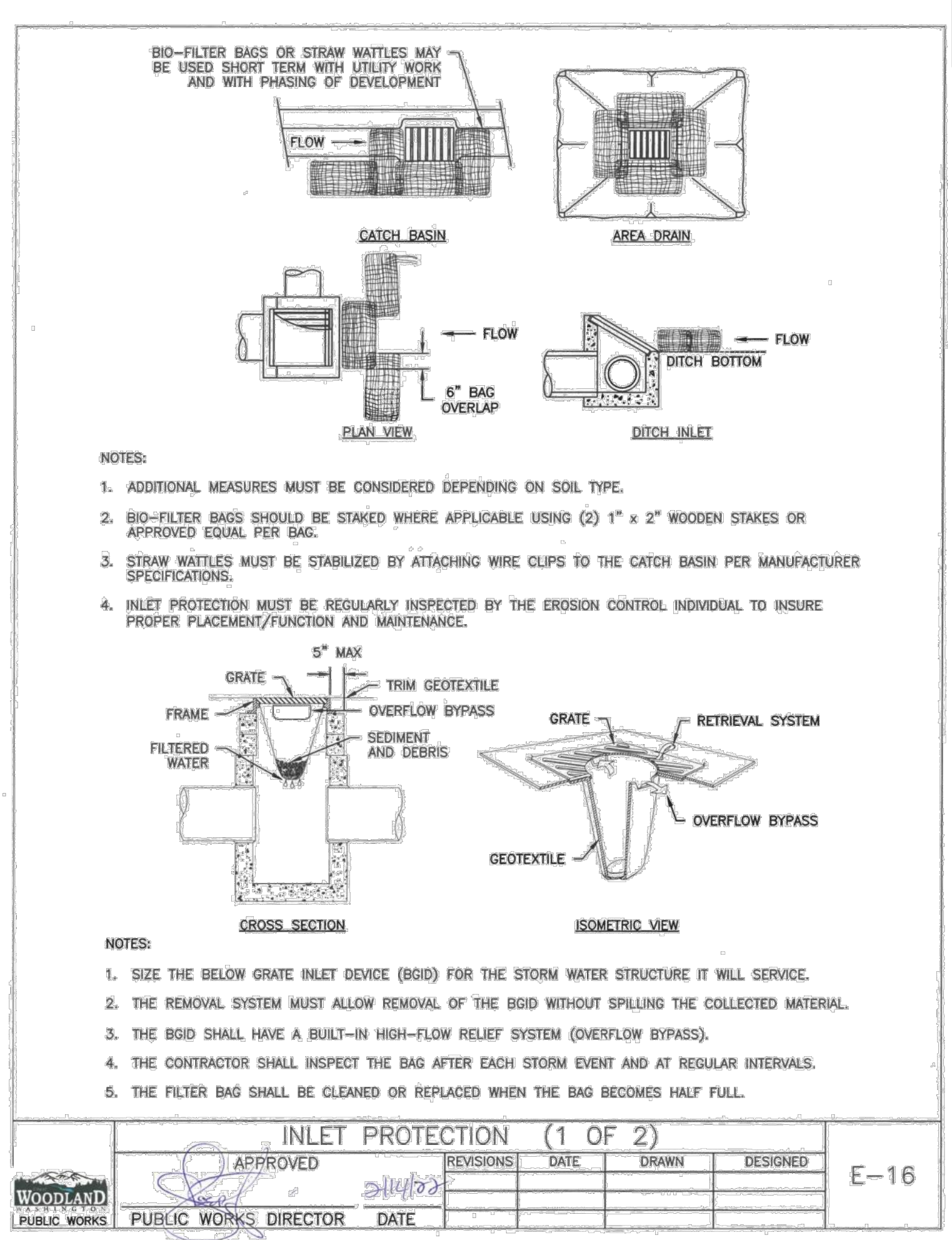
NOTES:

- SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT POND.
- IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE OR REMOVE THE TRAPPED SEDIMENT.
- SEDIMENT DEPOSITS SHALL EITHER BE REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-THIRD THE HEIGHT OF THE SILT FENCE, OR A SECOND SILT FENCE SHALL BE INSTALLED.
- IF THE FILTER FABRIC (GEOTEXTILE) HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.

MAINTENANCE STANDARDS:

- SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT POND.
- IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE OR REMOVE THE TRAPPED SEDIMENT.
- SEDIMENT DEPOSITS SHALL EITHER BE REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-THIRD THE HEIGHT OF THE SILT FENCE, OR A SECOND SILT FENCE SHALL BE INSTALLED.
- IF THE FILTER FABRIC (GEOTEXTILE) HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.

SILT FENCE				
APPROVED	REVISIONS	DATE	DRAWN	DESIGNED
[Signature]				
PUBLIC WORKS DIRECTOR	DATE			



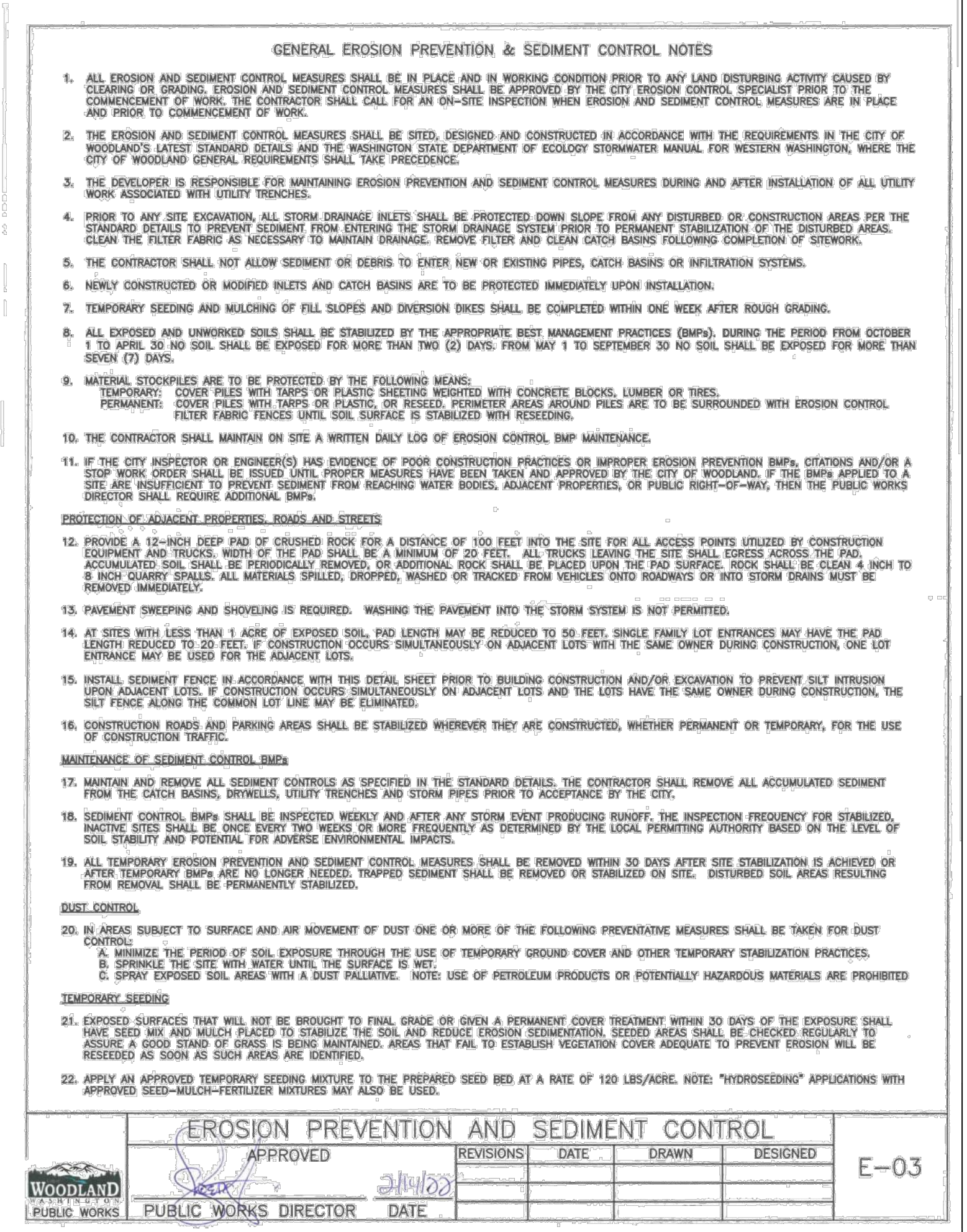
NOTES:

- ADDITIONAL MEASURES MUST BE CONSIDERED DEPENDING ON SOIL TYPE.
- BIO-FILTER BAGS SHOULD BE STAKED WHERE APPLICABLE USING (2) 1\"/>

NOTES:

- SIZE THE BELOW GRATE INLET DEVICE (BGID) FOR THE STORM WATER STRUCTURE IT WILL SERVICE.
- THE REMOVAL SYSTEM MUST ALLOW REMOVAL OF THE BGID WITHOUT SPILLING THE COLLECTED MATERIAL.
- THE BGID SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
- THE CONTRACTOR SHALL INSPECT THE BAG AFTER EACH STORM EVENT AND AT REGULAR INTERVALS.
- THE FILTER BAG SHALL BE CLEANED OR REPLACED WHEN THE BAG BECOMES FULL.

INLET PROTECTION (1 OF 2)				
APPROVED	REVISIONS	DATE	DRAWN	DESIGNED
[Signature]				
PUBLIC WORKS DIRECTOR	DATE			



GENERAL EROSION PREVENTION & SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND IN WORKING CONDITION PRIOR TO ANY LAND DISTURBING ACTIVITY CAUSED BY CLEARING OR GRADING. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE APPROVED BY THE CITY OF WOODLAND. SPECIALIST PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL CALL FOR AN ON-SITE INSPECTION WHEN EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AND PRIOR TO COMMENCEMENT OF WORK.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE SITED, DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS IN THE CITY OF WOODLAND'S LATEST STANDING ORDINANCES AND THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANUAL FOR WESTERN WASHINGTON, WHERE THE CITY OF WOODLAND GENERAL REQUIREMENTS SHALL TAKE PRECEDENCE.
- THE DEVELOPER IS RESPONSIBLE FOR MAINTAINING EROSION PREVENTION AND SEDIMENT CONTROL MEASURES DURING AND AFTER INSTALLATION OF ALL UTILITY WORK ASSOCIATED WITH UTILITY TRENCHES.
- PRIOR TO ANY SITE EXCAVATION, ALL STORM DRAINAGE INLETS SHALL BE PROTECTED DOWN SLOPE FROM ANY DISTURBED OR CONSTRUCTION AREAS PER THE STANDARD DETAILS TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAINAGE SYSTEM PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREAS. CLEAN THE FILTER FABRIC AS NECESSARY TO MAINTAIN DRAINAGE. REMOVE FILTER AND CLEAN CATCH BASINS FOLLOWING COMPLETION OF SITEWORK.
- THE CONTRACTOR SHALL NOT ALLOW SEDIMENT OR DEBRIS TO ENTER NEW OR EXISTING PIPES, CATCH BASINS OR INFILTRATION SYSTEMS.
- NEWLY CONSTRUCTED OR MODIFIED INLETS AND CATCH BASINS ARE TO BE PROTECTED IMMEDIATELY UPON INSTALLATION.
- TEMPORARY SEEDING AND MULCHING OF FILL SLOPES AND DIVERSION DICES SHALL BE COMPLETED WITHIN ONE WEEK AFTER ROUGH GRADING.
- ALL EXPOSED AND UNHURDLED SOILS SHALL BE STABILIZED BY THE APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs), DURING THE PERIOD FROM OCTOBER 1 TO APRIL 30 NO SOIL SHALL BE EXPOSED FOR MORE THAN TWO (2) DAYS. FROM MAY 1 TO SEPTEMBER 30 NO SOIL SHALL BE EXPOSED FOR MORE THAN SEVEN (7) DAYS.
- MATERIAL STOCKPILES ARE TO BE PROTECTED BY THE FOLLOWING MEANS:
TEMPORARY: COVER PILES WITH TAPPS OR PLASTIC SHEETING WEIGHTED WITH CONCRETE BLOCKS, LUMBER OR TIRES.
PERMANENT: COVER PILES WITH TAPPS OR PLASTIC, OR RESEED. PERIMETER AREAS AROUND PILES ARE TO BE SURROUNDED WITH EROSION CONTROL.
FILTER FABRIC FENCES UPON SOIL SURFACE IS STABILIZED WITH RESEEDING.
- THE CONTRACTOR SHALL MAINTAIN ON SITE A WRITTEN DAILY LOG OF EROSION CONTROL BMP MAINTENANCE.
- IF THE CITY INSPECTOR OR ENGINEER(S) HAS EVIDENCE OF POOR CONSTRUCTION PRACTICES OR IMPROPER EROSION PREVENTION BMPs, CITATIONS AND/OR A STOP WORK ORDER SHALL BE ISSUED UNTIL PROPER MEASURES HAVE BEEN TAKEN AND APPROVED BY THE CITY OF WOODLAND. IF THE BMPs APPLIED TO A SITE ARE INSUFFICIENT TO PROTECT SEDIMENT FROM REACHING WATER BODIES, ADJACENT PROPERTIES, OR PUBLIC RIGHT-OF-WAY, THEN THE PUBLIC WORKS DIRECTOR SHALL REQUIRE ADDITIONAL BMPs.
- PROTECTION OF ADJACENT PROPERTIES, ROADS AND STREETS
- PROVIDE A 12-INCH DEEP PAD OF CRUSHED ROCK FOR A DISTANCE OF 100 FEET INTO THE SITE FOR ALL ACCESS POINTS UTILIZED BY CONSTRUCTION EQUIPMENT AND TRUCKS. WIDTH OF THE PAD SHALL BE A MINIMUM OF 20 FEET. ALL TRUCKS LEAVING THE SITE SHALL CROSS ACROSS THE PAD. ACCUMULATED SOIL SHALL BE PERIODICALLY REMOVED, OR ADDITIONAL ROCK SHALL BE PLACED UPON THE PAD SURFACE. ROCK SHALL BE CLEAN 4 INCH TO 8 INCH QUARRY SPALLS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES INTO ROADS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- PAVEMENT SWEEPING AND SHOVELING IS REQUIRED. WASHING THE PAVEMENT INTO THE STORM SYSTEM IS NOT PERMITTED.
- AT SITES WITH LESS THAN 1 ACRE OF EXPOSED SOIL, PAD LENGTH MAY BE REDUCED TO 50 FEET. SINGLE FAMILY LOT ENTRANCES MAY HAVE THE PAD LENGTH REDUCED TO 20 FEET. IF CONSTRUCTION OCCURS SIMULTANEOUSLY ON ADJACENT LOTS WITH THE SAME OWNER DURING CONSTRUCTION, ONE LOT ENTRANCE MAY BE USED FOR THE ADJACENT LOTS.
- INSTALL SEDIMENT FENCE IN ACCORDANCE WITH THIS DETAIL SHEET PRIOR TO BUILDING CONSTRUCTION AND/OR EXCAVATION TO PREVENT SILT INTRUSION UPON ADJACENT LOTS. IF CONSTRUCTION OCCURS SIMULTANEOUSLY ON ADJACENT LOTS AND THE LOTS HAVE THE SAME OWNER DURING CONSTRUCTION, THE SILT FENCE ALONG THE COMMON LOT LINE MAY BE ELIMINATED.
- CONSTRUCTION ROADS AND PARKING AREAS SHALL BE STABILIZED WHEREVER THEY ARE CONSTRUCTED, WHETHER PERMANENT OR TEMPORARY, FOR THE USE OF CONSTRUCTION TRAFFIC.
- MAINTENANCE OF SEDIMENT CONTROL BMPs
- MAINTAIN AND REMOVE ALL SEDIMENT CONTROLS AS SPECIFIED IN THE STANDARD DETAILS. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT FROM THE CATCH BASINS, DRYWELLS, UTILITY TRENCHES AND STORM PIPES PRIOR TO ACCEPTANCE BY THE CITY.
- SEDIMENT CONTROL BMPs SHALL BE INSPECTED WEEKLY AND AFTER ANY STORM EVENT PRODUCING RUNOFF. THE INSPECTION FREQUENCY FOR STABILIZED, INACTIVE SITES SHALL BE ONCE EVERY TWO WEEKS OR MORE FREQUENTLY AS DETERMINED BY THE LOCAL PERMITTING AUTHORITY BASED ON THE LEVEL OF SOIL STABILITY AND POTENTIAL FOR ADVERSE ENVIRONMENTAL IMPACTS.
- ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BMPs ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
- DUST CONTROL
- IN AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST ONE OR MORE OF THE FOLLOWING PREVENTATIVE MEASURES SHALL BE TAKEN FOR DUST CONTROL:
A. MINIMIZE THE PERIOD OF SOIL EXPOSURE THROUGH THE USE OF TEMPORARY GROUND COVER AND OTHER TEMPORARY STABILIZATION PRACTICES.
B. SPRINKLE THE SITE WITH WATER UNTIL THE SURFACE IS WET.
C. SPRAY EXPOSED SOIL AREAS WITH A DUST PALLET. NOTE: USE OF PETROLEUM PRODUCTS OR POTENTIALLY HAZARDOUS MATERIALS ARE PROHIBITED.
- TEMPORARY SEEDING
- EXPOSED SURFACES THAT WILL NOT BE BROUGHT TO FINAL GRADE OR GIVEN A PERMANENT COVER TREATMENT WITHIN 30 DAYS OF THE EXPOSURE SHALL HAVE SEED MIX AND MULCH PLACED TO STABILIZE THE SOIL AND REDUCE EROSION SEDIMENTATION. SEEDED AREAS SHALL BE CHECKED REGULARLY TO ASSURE A GOOD STAND OF GRASS IS BEING MAINTAINED. AREAS THAT FAIL TO ESTABLISH VEGETATION COVER ADEQUATE TO PREVENT EROSION WILL BE RESEED AS SOON AS SUCH AREAS ARE IDENTIFIED.
- APPLY AN APPROVED TEMPORARY SEEDING MIXTURE TO THE PREPARED SEED BED AT A RATE OF 120 LBS/ACRE. NOTE: "HYDROSEEDING" APPLICATIONS WITH APPROVED SEED-MULCH-FERTILIZER MIXTURES MAY ALSO BE USED.

EROSION PREVENTION AND SEDIMENT CONTROL				
APPROVED	REVISIONS	DATE	DRAWN	DESIGNED
[Signature]				
PUBLIC WORKS DIRECTOR	DATE			

REVISION	NO.	DATE
DESIGNED BY: RWB	DRAWN BY: ALE	CHECKED BY: RWB
DATE: 12/26/2023	SCALE: NO SCALE	

CC STREET ROAD AND UTILITIES

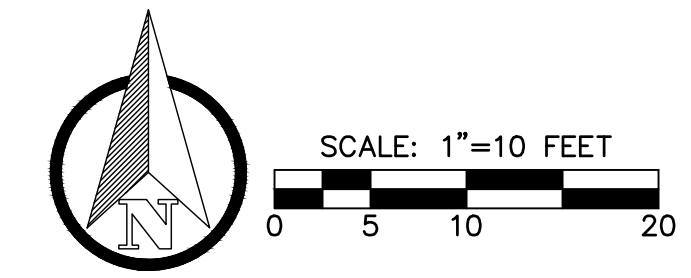
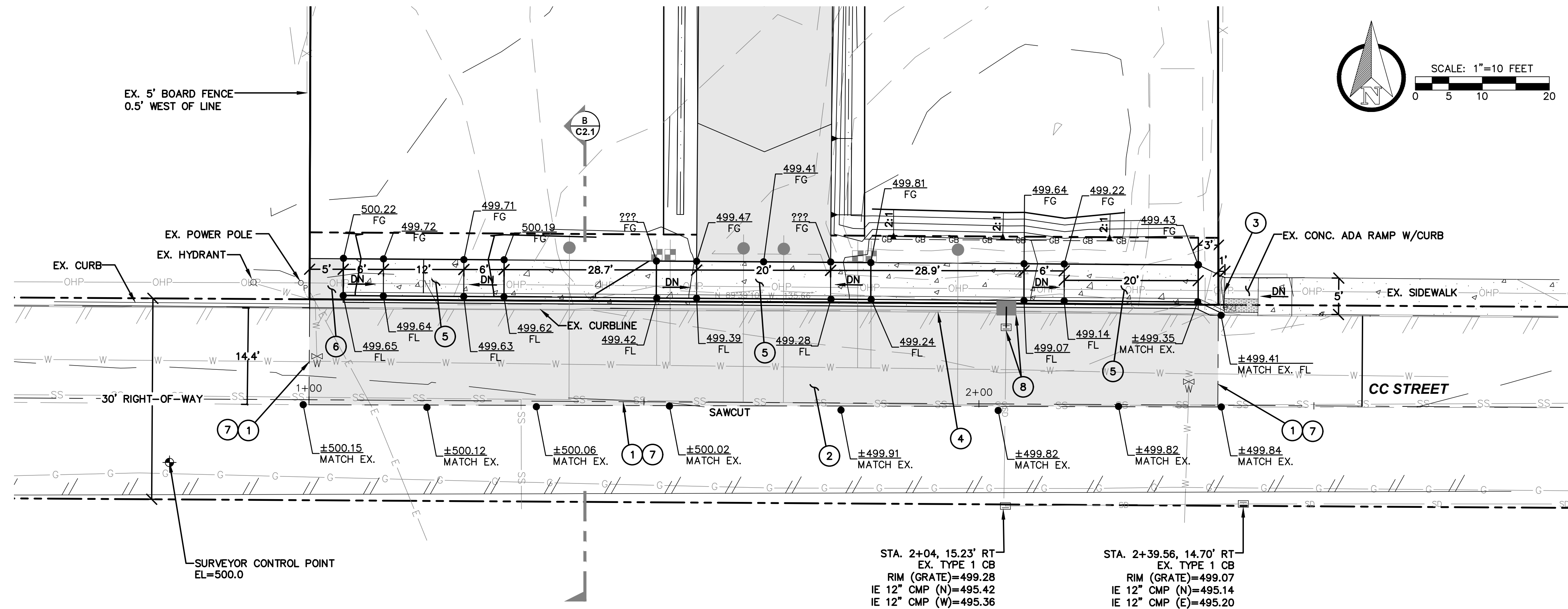
GRADING, DRAINAGE, AND T.E.S.C. DETAILS AND NOTES

CITY OF WOODLAND WA.

RB Engineering
DESIGN → PERMIT → MANAGE
OFF: (360) 740-8919
P.O. Box 923
CHEHALIS, WA 98632
EMAIL: info@rbengineers.com

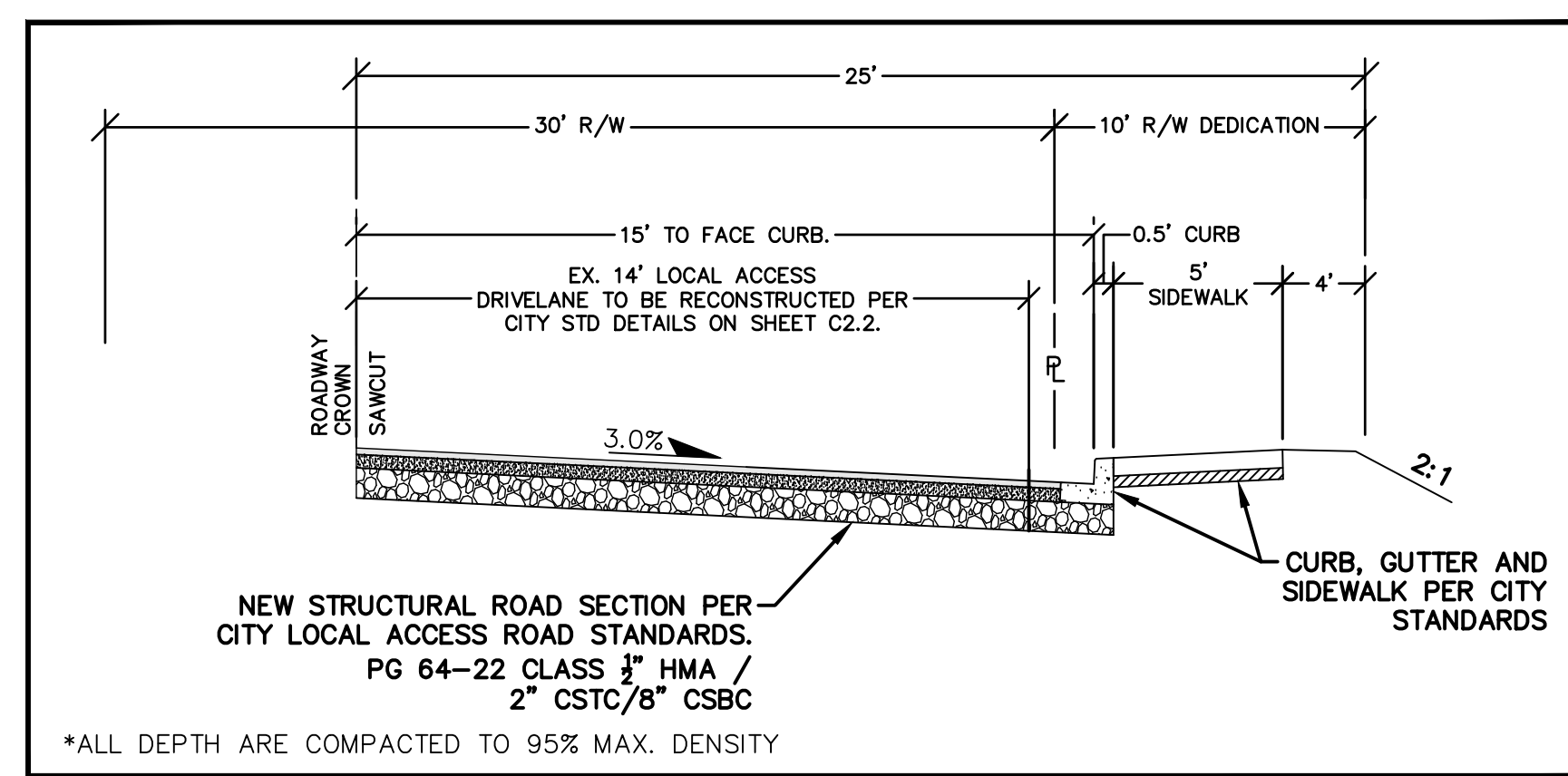
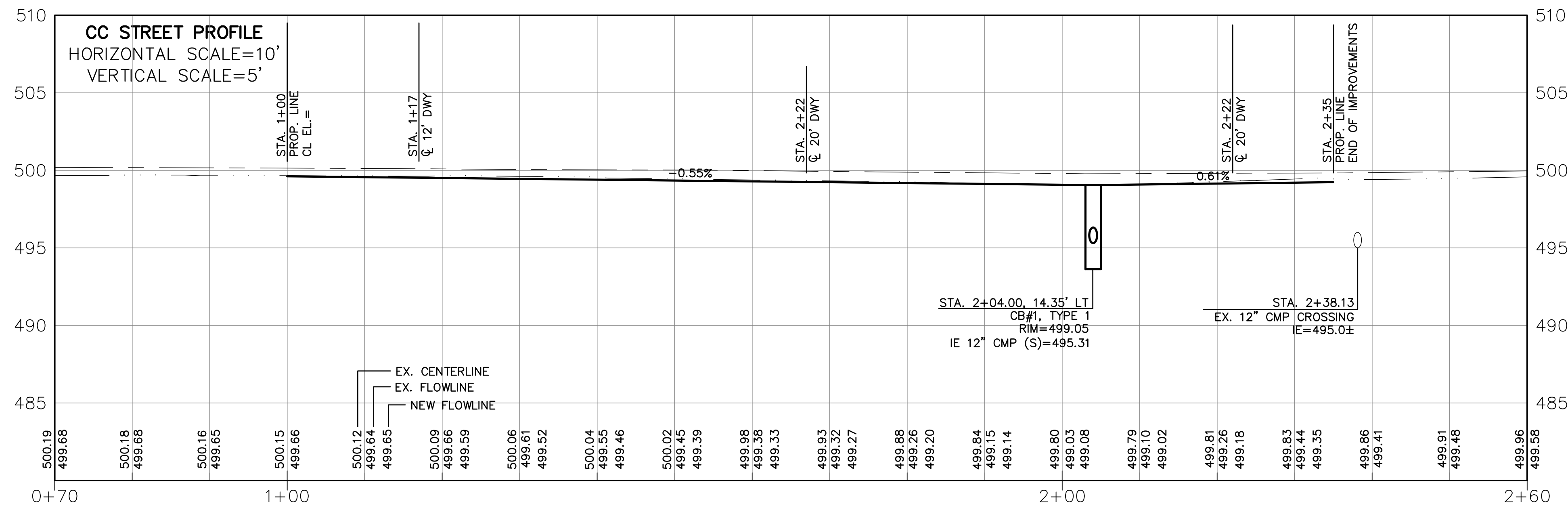
811 Know what's below. Call 811 before you dig.

JOB NUMBER: 23048
DRAWING NAME: 23048_C1.2_DR01
C1.2
3 OF 7



ROAD GRADING & CONSTRUCTION NOTES:

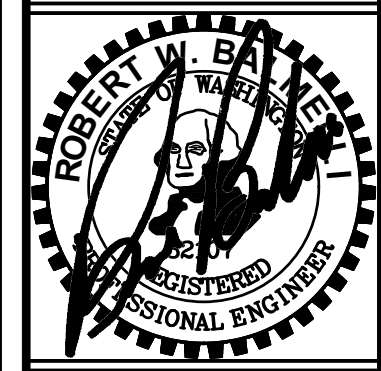
- 1 SAWCUT 165 LF OF EXISTING ASPHALT.
- 2 EXCAVATE OUT AND RE-CONSTRUCT NEW HALF-WIDTH OF ROAD AND PAVEMENT PER CITY T-27 ON SHEET C2.2.
- 3 SAWCUT AND REMOVE EXISTING ADA RAMP CURBING PER PLAN.
- 4 REMOVE EXISTING CONCRETE CURB AND CONSTRUCT NEW CONCRETE CURB, GUTTER, AND SIDEWALK PER CITY STD. DETAILS ON SHEET C2.2.
- 5 CONSTRUCT NEW CONCRETE DRIVEWAY LANDING AND RAMPS PER PLAN AND DETAIL ON SHEET C2.2.
- 6 CONSTRUCT TEMPORARY ASPHALT ADA RAMP OFF END OF NEW CONCRETE SIDEWALK. GRADE NOT TO EXCEED 12:1 SLOPE. TRANSITION TO EXISTING ASPHALT GRADE.
- 7 SEAL ALL NEW ASPHALT JOINTS WITH EMULSIFIED ASPHALT.
- 8 REMOVE EXISTING CB AND INSTALL NEW CB PER PLAN AND PROFILE. CONNECT TO EX. STORM LINE WITH 4 FT OF 12" PIPE.
- 9 CONTRACTOR SHALL CALL REVIEW AGENCY AND RB ENGINEERING AT (360) 740-8919 48 HOURS PRIOR TO POURING CONCRETE CURB AND GUTTER FOR GRADE INSPECTION OF CONCRETE CURB. FAILURE TO CALL FOR INSPECTION MAY RESULT IN CONTRACTOR REMOVING AND RE-CONSTRUCTING CONCRETE CURB AND OR SIDEWALK.



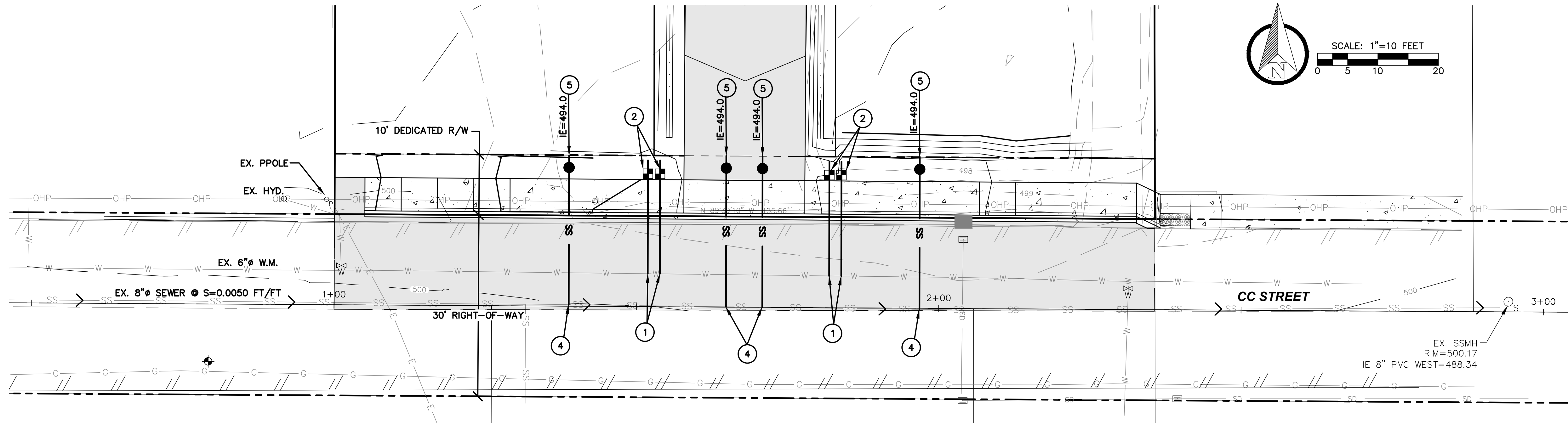
B LOCAL ACCESS ROAD SECTION
N.T.S.

REVISION	NO.	DATE	DESIGNED BY: RBW	CHECKED BY: ALE
			DRAWN BY: RBW	DATE: 12/26/2023
			CHECKED BY: RBW	SCALE: 1" = 10'
CC STREET ROAD AND UTILITIES				
CITY OF WOODLAND WA.				

**FRONTAGE IMPROVEMENT
PLAN AND PROFILE**



RB Engineering
DESIGN → PERMIT → MANAGE
OFF: (360) 740-8919
P.O. Box 923
CHEHALIS, WA 98532
EMAIL: info@rbengineering.com



WATER CONSTRUCTION NOTES:

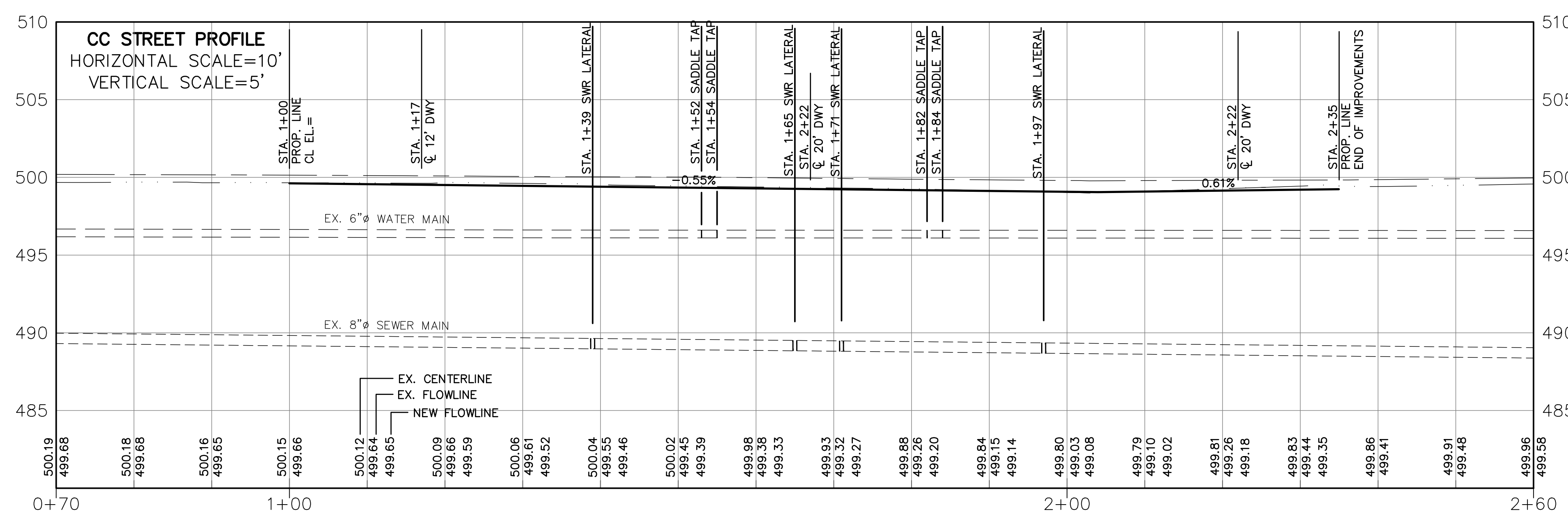
- ① STA. 1+52.00, ±5' LT
STA. 1+54.00, ±5' LT
STA. 1+82.00, ±5' LT
STA. 1+84.00, ±5' LT
CONTRACTOR TO MAKE CONNECTION TO EXISTING WATER MAIN VIA LIVE TAP. SEE STD. DETAIL ON SHEET C3.2.
1- 6" ROMAC 2025 TAPPING SADDLE
1- 1" MUELLER CORP STOP VALVE
- ② INSTALL NEW 3/4" DOMESTIC WATER METER SETTER SEE STD. DETAIL ON SHEET C2.2.
- ③ BACKFILL WATER AND SEWER LATERAL TRENCHES PER DETAIL ON SHEET C3.2.

SEWER CONSTRUCTION NOTES:

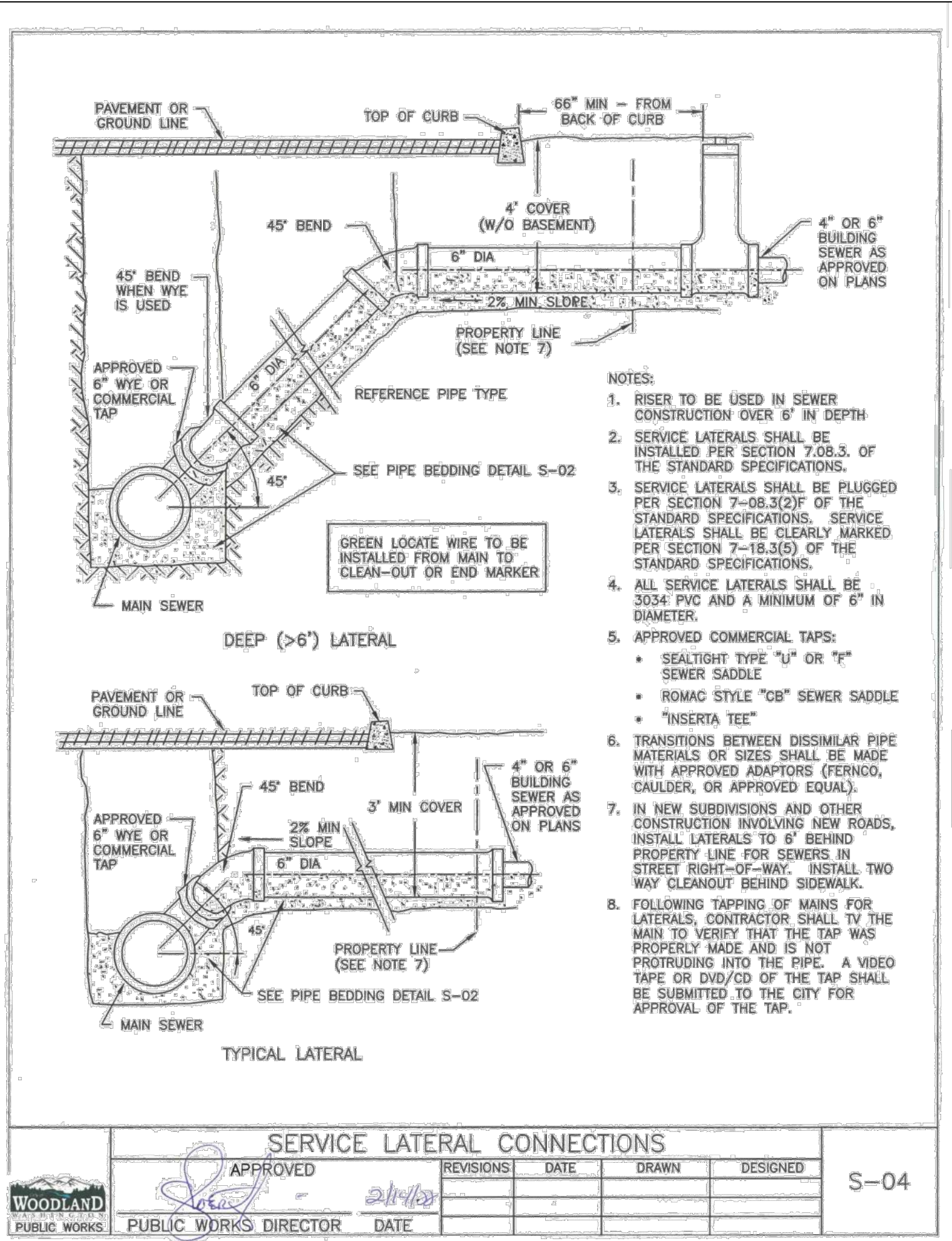
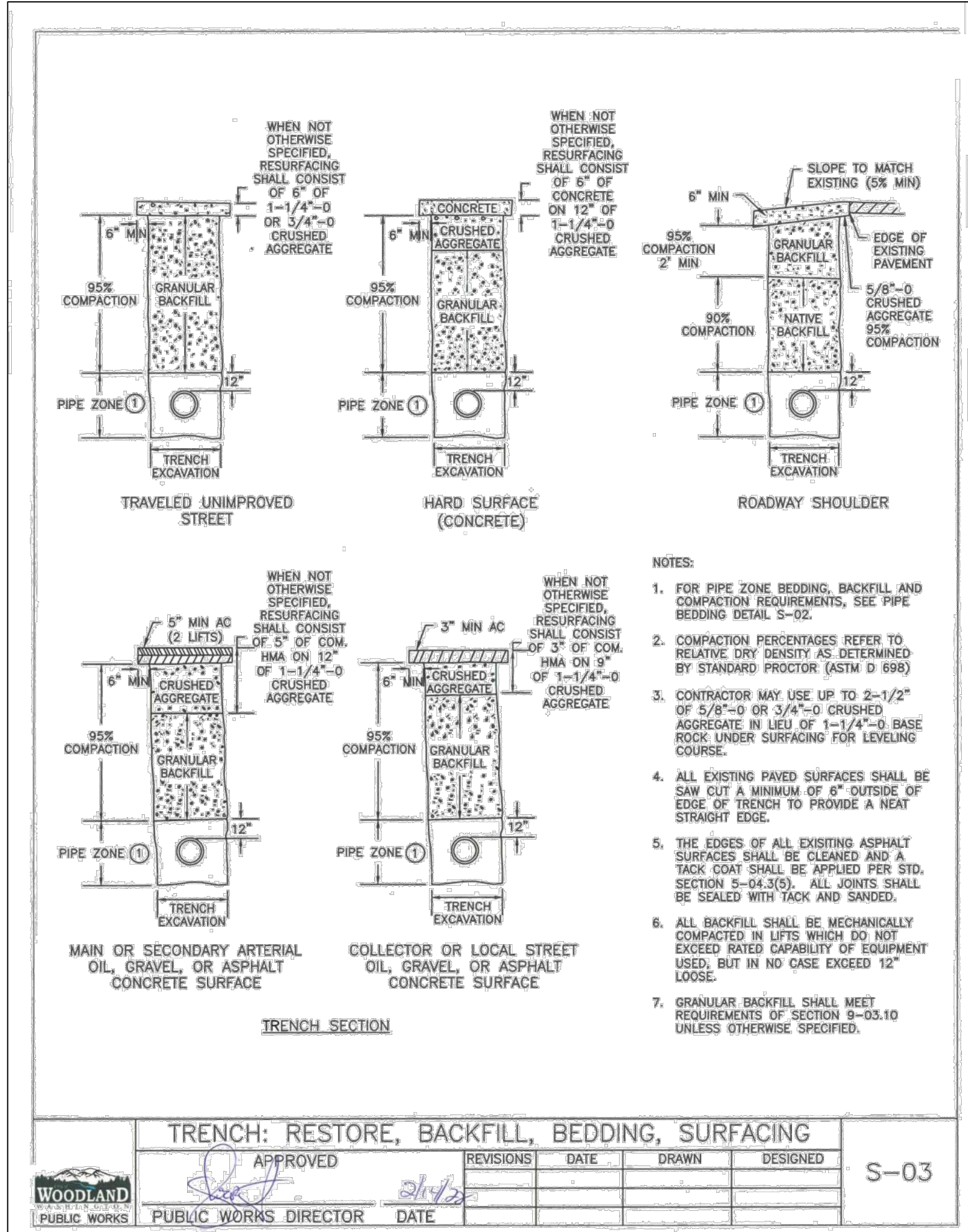
- ④ CONNECT NEW 6" 3034 SEWER LATERALS TO EXISTING 8" SEWER MAIN PER PLAN AND PROFILE. SEE STD. DETAIL ON SHEET C3.2.
- ⑤ INSTALL NEW 6" SEWER CLEANOUT PER PLAN AND PROFILE. SEE STD. DETAIL ON SHEET C3.2.

SEPERATION NOTE:

MAINTAIN 18" MINIMUM VERTICAL SEPARATION BETWEEN WATER LINES AND SANITARY SEWER LINES.
WHERE VERTICAL SEPARATION IS LESS THAN 18" BETWEEN WATER LINES AND SEWER LINES, SLEEVE WATER LINES WITH A 20' LENGTH OF DUCTILE IRON PIPE WITH ENDS EQUAL DISTANCE FROM CROSSING.
PROVIDE SAND CUSHION BETWEEN PIPES THAT HAVE LESS THAN 8" OF SEPARATION.



NO.	DATE	DESIGNED BY: RWB	DRAWN BY: ALE	CHECKED BY: RWB	DATE: 12/26/2023	SCALE: 1" = 10'
<p>CC STREET ROAD AND UTILITIES</p> <p>WATER AND SEWER SERVICE PLAN AND PROFILE</p> <p>CITY OF WOODLAND WA.</p>						
<p>RB Engineering</p> <p>DESIGN → PERMIT → MANAGE</p> <p>OFF: (509) 740-8919 P.O. Box 923 CHEWAS, WA 98632 EMAIL: info@rbengineers.com</p>						
<p>811 Know what's below. Call 811 before you dig.</p>						
<p>JOB NUMBER 23048</p> <p>DRAWING NAME 23048_C3.1_UTPP</p> <p>C3.1</p> <p>6 OF 7</p>						



GENERAL NOTES FOR SANITARY SEWER

ALL MATERIALS AND INSTALLATION OF SANITARY SEWERS SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, HERINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS", PREPARED BY THE WASHINGTON STATE CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) AND THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, EXCEPT AS NOTED HEREIN OR ON THE STANDARD PLANS. WHEREVER THE STANDARD SPECIFICATIONS REFER TO THE OWNER AS EITHER THE "STATE" OR "SECRETARY" OR WHEN REFERENCE IS MADE TO THE DEPARTMENT OF TRANSPORTATION IT SHALL BE UNDERSTOOD THAT THE STANDARD SPECIFICATIONS SHOULD READ THE "CITY".

ALL SANITARY SEWER CONSTRUCTION IS SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF WOODLAND PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE CITY AT (360) 225-7999 AT LEAST 48-HOURS PRIOR TO THE START OF CONSTRUCTION. A PRE-CONSTRUCTION CONFERENCE MAY BE REQUIRED.

THE CONTRACTOR IS REQUIRED TO NOTIFY ALL UTILITIES 48 HOURS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR MUST CONTACT THE UNDERGROUND UTILITY NOTIFICATION CENTER "CALL BEFORE YOU DIG" AT (800) 424-5555 OR "811".

FINAL ACCEPTANCE OF SANITARY SEWERS ARE SUBJECT TO SECTIONS 1-05.11, 1-05.12, 7-17.3(2), 7-17.3(2)(c), 7-17.3(2)(d), 7-17.3(2)(e) AND 7-17.3(2)(f) OF THE STANDARD SPECIFICATIONS. TELEVISION INSPECTION SHALL INCLUDE VIDEO OF ALL MANHOLES IN ADDITION TO THE PIPE. THE CONTRACTOR SHALL WARRANTY ALL WORK DONE UNDER CITY CONTRACT FOR A PERIOD OF TWO (2) YEARS AS PER OF THE CITY OF WOODLAND GENERAL PROVISIONS FOR MUNICIPAL CONSTRUCTION.

LOCAL VARIATIONS IN SLOPE (I.E. "BELLIES") MUST BE NO MORE THAN 1/2" MAXIMUM. VARIATIONS IN EXCESS OF THESE TOLERANCES MUST BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CITY.

ALL PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING:

- POLYVINYL CHLORIDE (PVC) SEWER PIPE 15" DIAMETER OR LESS SHALL CONFORM TO ASTM D3034, SDR 35. IT SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PSI. PVC PIPE 18" DIAMETER SHALL CONFORM TO ASTM F 679. ALL PVC PIPE SHALL HAVE AN INTEGRAL BELL GASKETED JOINT WITH ELASTOMERIC GASKET AND SHALL BE FURNISHED IN 12-1/2 FOOT LAYING LENGTHS.
- DUCTILE IRON (DI) PIPE SHALL CONFORM TO ANSI A21.51 OR ANNA C151, WITH PUSH-ON JOINTS, CLASS 52, UNLESS OTHERWISE NOTED.

INSTALLATION OF PIPE AND MANHOLES SHALL CONFORM TO THE FOLLOWING:

- PIPE SHALL BE INSTALLED IN CONFORMANCE WITH DETAIL S-02.
- MANHOLES SHALL CONFORM WITH STANDARD DETAILS S-07 THROUGH S-14.
- RESTORATION SHALL CONFORM WITH STANDARD DETAIL T-33.

MANHOLES, CLEANOUTS, SERVICE LATERAL CONNECTIONS, TRENCH EXCAVATION, PIPE BEDDING AND STREET RESTORATION, AND APPURTENANCES SHALL CONFORM TO THE CITY OF WOODLAND STANDARD PLANS. THE MOST STANDARD DETAILS CONTAINED AND THE STANDARD PLANS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.

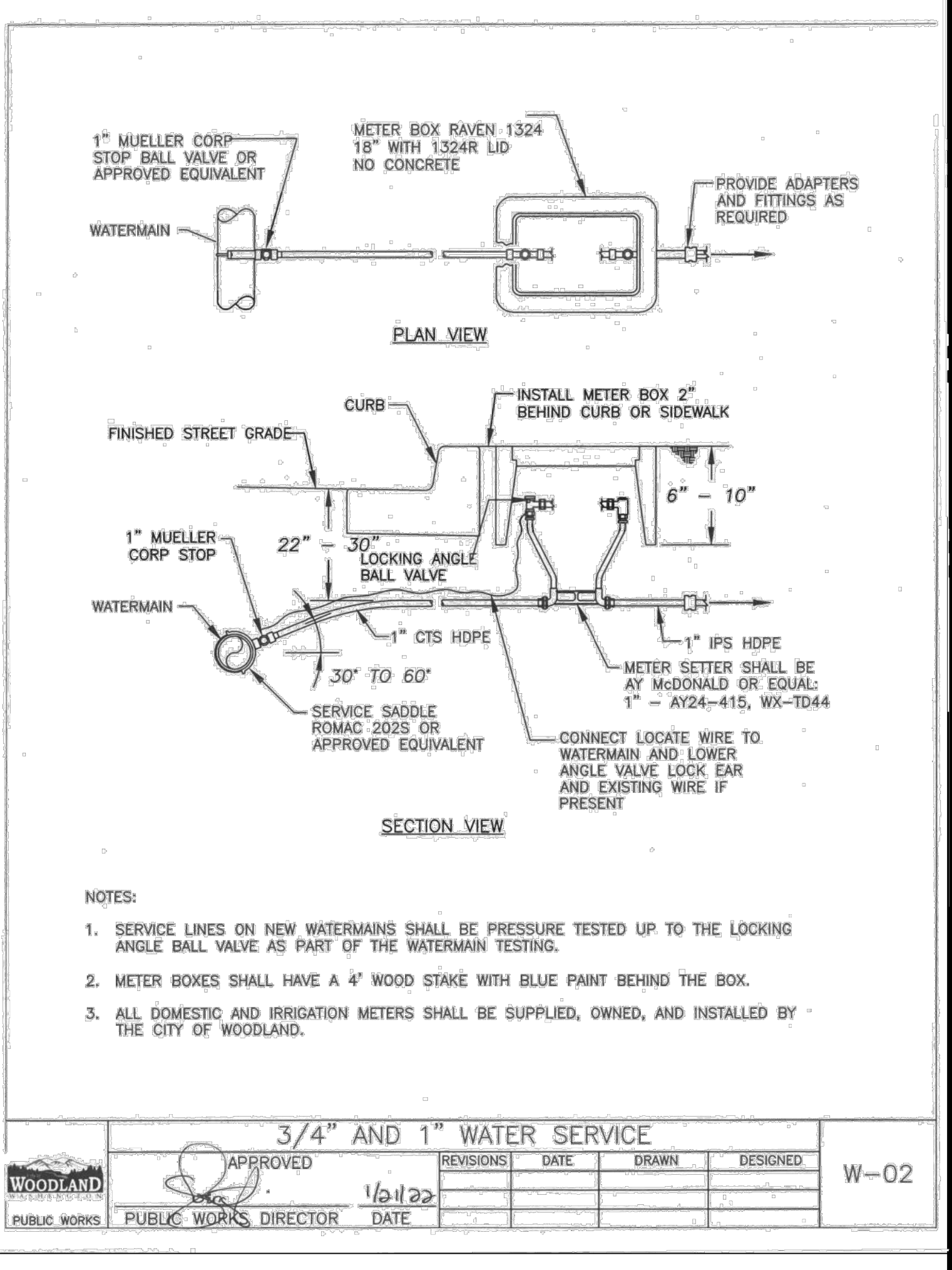
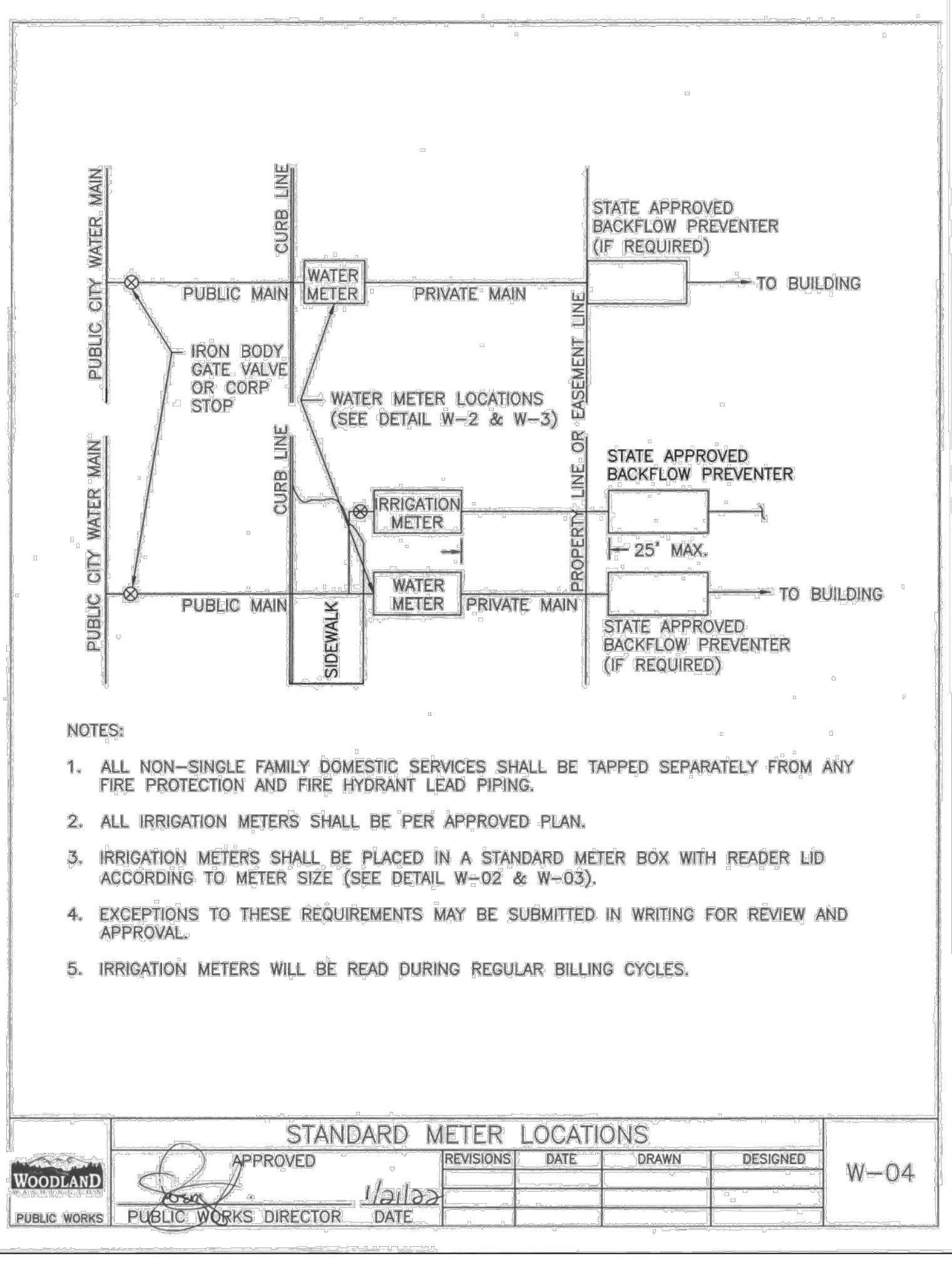
THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL PERMITS ISSUED OR EASEMENTS GRANTED TO THE CITY IN CONJUNCTION WITH THE CONSTRUCTION OF SANITARY SEWERS. THE CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.

THE CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN. APPROVAL SHALL BE OBTAINED PRIOR TO BEGINNING CONSTRUCTION.

APPROVED	REVISIONS	DATE	DRAWN	DESIGNED
[Signature]				

WOODLAND PUBLIC WORKS PUBLIC WORKS DIRECTOR DATE

S-01



REVISION

NO.	DATE	BY	DESCRIPTION

DESIGNED BY: RWB
DRAWN BY: ALE
CHECKED BY: RWB
DATE: 12/26/2023
SCALE: NO SCALE

CC STREET ROAD AND UTILITIES

WATER AND SEWER DETAILS AND NOTES

CITY OF WOODLAND WA.

WOODLAND PUBLIC WORKS

ROBERT W. BARNER
REGISTERED PROFESSIONAL ENGINEER

RB Engineering
DESIGN → PERMIT → MANAGE

OFF: (360) 740-8919
P.O. Box 923
CHEHALIS, WA 98532
EMAIL: info@rbengineering.com

811 Know what's below. Call 811 before you dig.

JOB NUMBER: 23048
DRAWING NAME: 23048_C3.2_UTDT
C3.2
7 OF 7