HANSEN ROAD DEVELOPMENT

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C1.9	DETAILS

LEGEND				
	PARCEL BOUNDARY			
1600	EXISTING MAJOR CONTOUR			
1620	EXISTING MINOR CONTOUR			
 1600	PROPOSED MAJOR CONTOUR			
1620	PROPOSED MINOR CONTOUR			
	PROPOSED GRAVEL ROAD			
	PROPOSED ASPHALT PAVED APRON			
	PROPOSED ROAD CENTERLINE			
	ROAD EASEMENT			
-0-	PROPOSED ROAD SIGN			

BOUNDARY SURVEY WAS PROVIDED BY ENCOMPASS ENGINEERING AND SURVEYING. THE CONTRACTOR SHALL COORDINATE WITH THEM FOR HORIZONTAL DATUM AND BASIS OF BEARINGS PRIOR TO CONSTRUCTION. THE BOUNDARY FOR LOT 13 IS FROM AVAILABLE GIS INFORMATION AND MAY OR MAY NOT REFLECT THE ACTUAL PROPERTY BOUNDARY.

TOPOGRAPHIC DATA IS FROM AVAILABLE GIS INFORMATION AND MAY OR MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE SITE. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCORDINATES.

STORM DRAINAGE DESIGN FOR INDIVIDUAL LOTS SHALL BE PROVIDED AT WITH EACH BUILDING PERMIT.

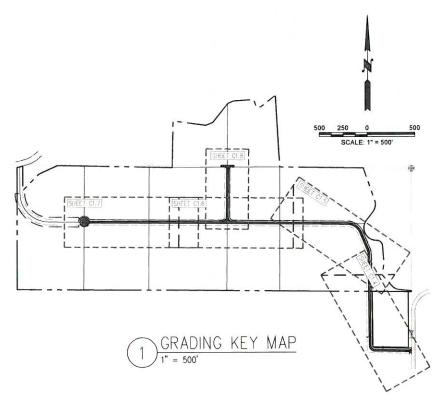
THE CONTRACTOR SHALL PROVIDE GEOTECHNICAL TESTING IN ACCORDANCE WITH WSDOT GEOTECHNICAL DESIGN MANUAL OR AASHTO DESIGN MANUALS". GEOTECHNICAL REPORT MUST VERIFY THE PROPOSED ROADWAY SECTION, MAXIMUM SLOPE REQUIREMENTS, SOIL INFILTRATION RATE FOR THE PROPOSED SWALES, AND ANY OTHER INFORMATION DEEMED APPROPRIATE BY THE GEOTECHNICAL ENGINEER

REVISION DESCRIPTION

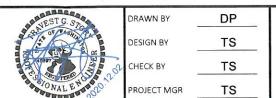


	SITE DATA
PARCELS NUMBER	708433; 18116; 058333
	18115; 18117; 698433
	678433; 18118; 18119
	18121; 18122; 18125; 748433
SITE ADDRESS	HANSEN RD, ELLENSBURG
	1311 STRANDE RD, ELLENSBURG
ZONING	AGRICULTURAL 20
SITE AREA	158.33 AC

	PROJECT INFO
ONWER/CLIENT	JUSTIN DONOVAN PLATINUM DIRT WORKS, LLC
	TEL, 509-855-3901
	platinumdirtworks@gmail.com
ENGINEER	TRAV STORY, PE
	SIMPLI CIVIL, LLC
	PO BOX 745
	MOSES LAKE, WA 96837
	TEL. 253-579-2212
	trav.story@simplicivil.com





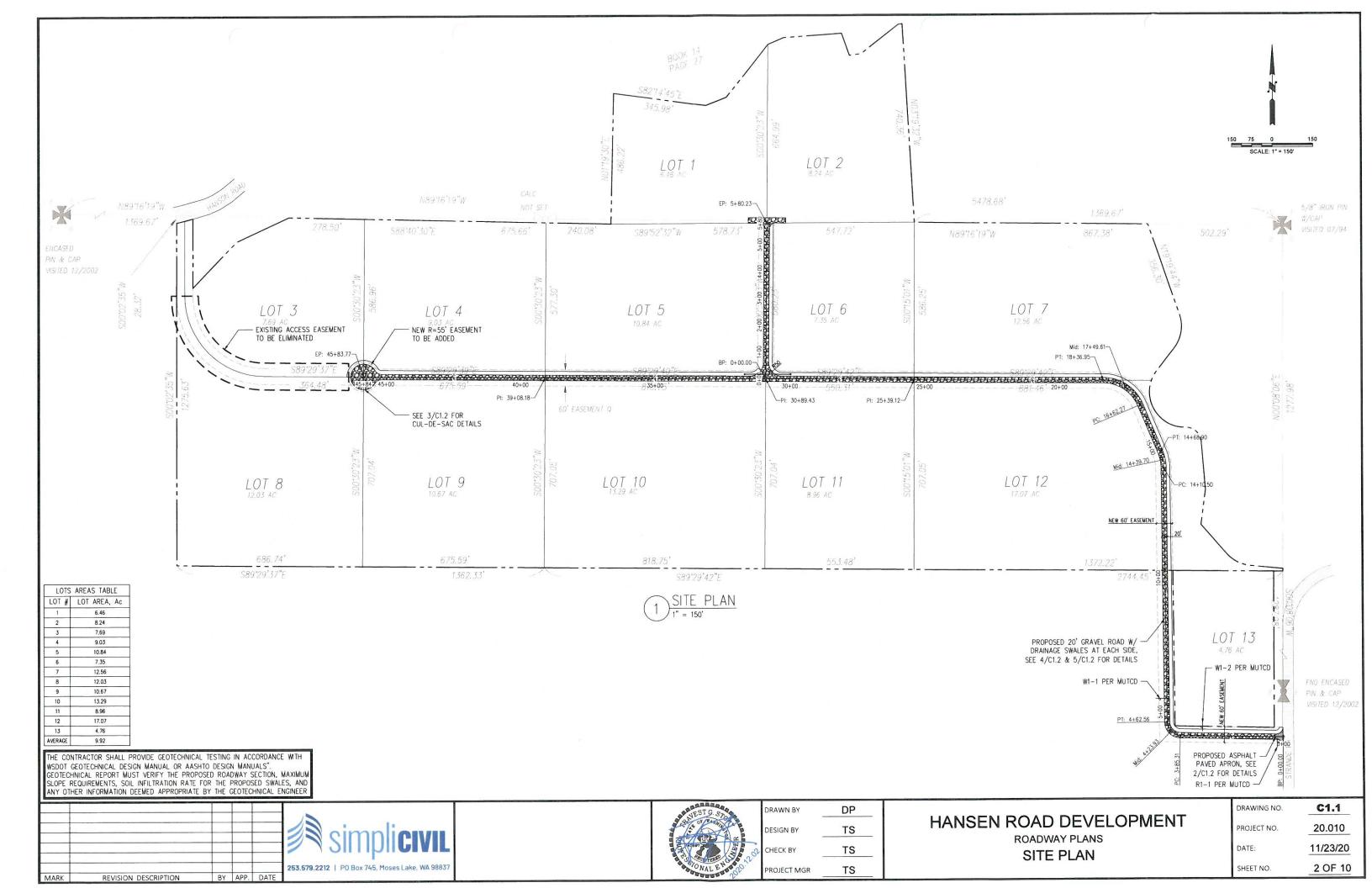


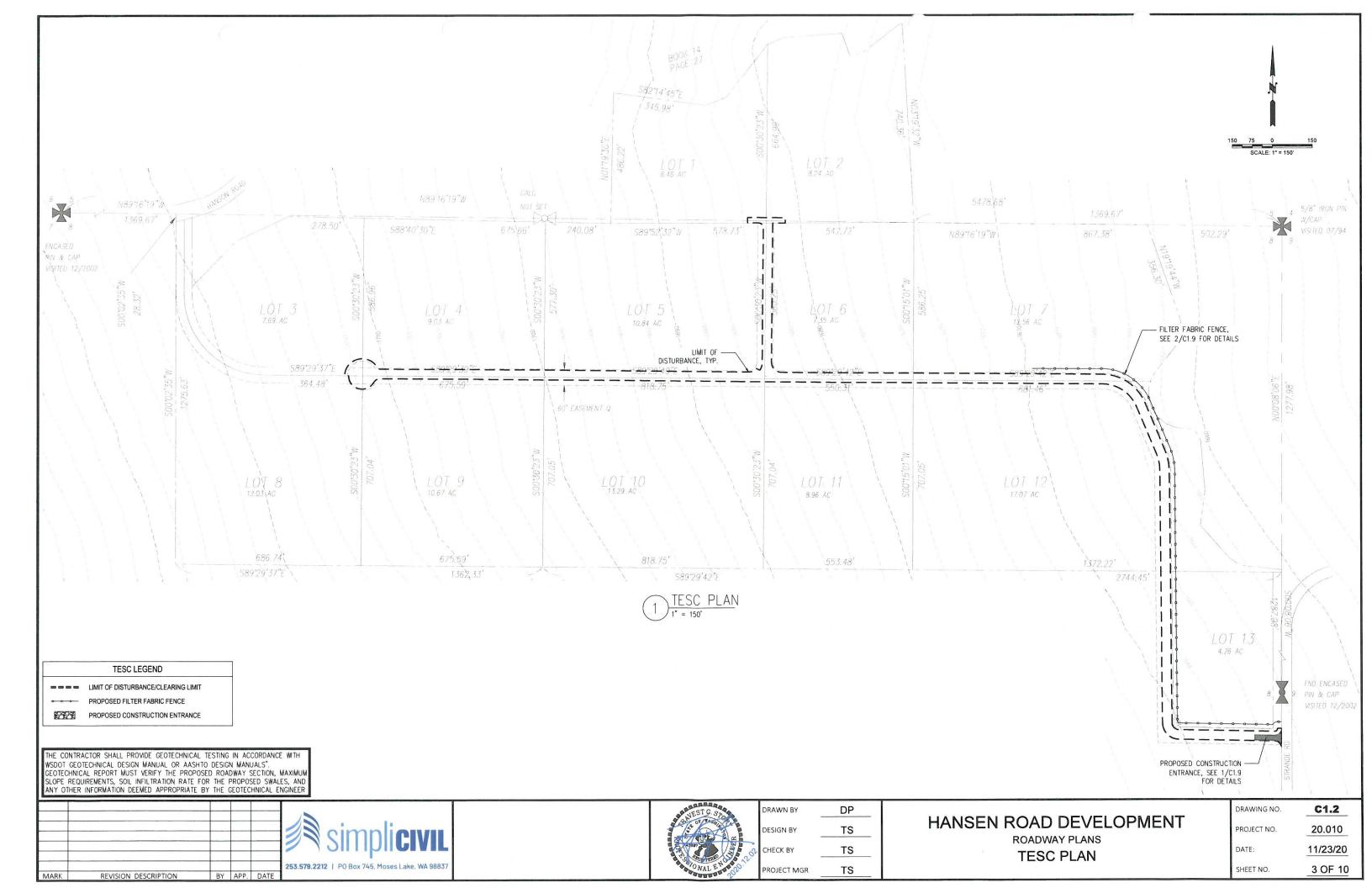
HANSEN ROAD DEVELOPMENT ROADWAY PLANS COVER SHEET

RAWING NO.	C1.0
ROJECT NO.	20.010
DATE:	11/23/20

1 OF 10

SHEET NO.





SITE PREPARATION/DEMOLITION NOTES

- 1. CALL THE UNDERGROUND LOCATE LINE (811) A MINIMUM OF 48 HOURS PRIOR TO ANY
- DETERMINE THE EXACT LOCATION, SIZE AND INVERTS OF ALL EXISTING UTILITIES BEFORE
- POTHOLE IF NECESSARY TO VERIFY THE DRAWINGS AGAINST ALL APPLICABLE EXISTING CONDITIONS.

 NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF UNFORESEEN SITE CONDITIONS
- OR DISCREPANCIES.

 MIMEDIATELY NOTIFY THE ENGINEER IF ANY ASBESTOS-CEMENT PIPE IS ENCOUNTERED ON THE PROJECT.

TESC NOTES

- THE IMPLEMENTATION OF THESE EROSION/SEDIMENTATION CONTROL PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE BMP FACILITIE IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED

- IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.

 THE BIMP FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER FOR NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR WOLATE APPLICABLE WATER STANDARDS.

 THE BIMP FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE BIMP FACILITIES SHOWN ON THIS PROSPECTED STORM LEVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT—LADEN WATER OS NOT LEAVE THE SITE.

 PROVIDE INLET PROTECTION ON ALL EXISTING AND PROPOSED CATCH BASINS THAT WILL RECEIVE RUNOFF FROM THE SITE.

 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 DURATION OF THE PROJECT.

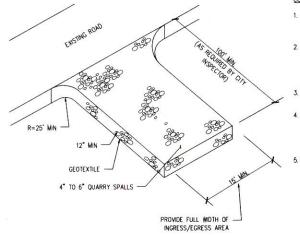
 6. ALL BMP'S SHALL BE ADJUSTED TO FIT SITE CONDITIONS.

 7. DO NOT COMMENCE EARTH MOVING OPERATIONS UNTIL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE.

 8. PROTECT AND MAINTAIN EROSION AND SEDIMENTATION CONTROLS DURING EARTH MOVING.
- 8. PROTECT AND MAINTAIN EROSION AND SEDIMENTATION CONTROLS DURING EARTH MOVING OPERATIONS.
 9. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN, ALL CATCH BASINS AND CONVETANCE LINES SHALL BE CLEAMED PRIOR TO PAYING, THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER NTO THE DOWNSTREAM SYSTEM.
 10. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 3 INCHES.
 11. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ONCE THE SITE IS STABILIZED.

- STABILIZED.

 2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS, WHICH MAY ACCUMULATE ON PAVED STREETS ADJACENT TO THE SITE AS A RESULT OF THE CONSTRUCTION ACTIVITY. AS A MINIMUM, DIRT, MUD AND OTHER DEBRIS SHALL BE REMOVED FROM PAYED STREETS AT THE CLOSE OF EACH CONSTRUCTION DAY.



MARK

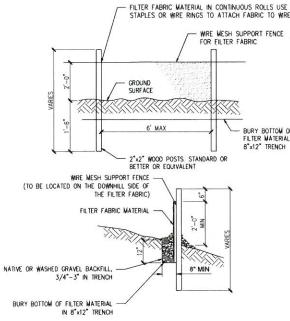
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CONSTRUCTION ENTRANCE NOTES

- MATERIAL SHALL BE 4 INCH TO 8 INCH QUARRY SPALLS (4 TO 6 INCH FOR RESIDENTIAL SINGLE FAMILY LOTS) AND MAY BE TOP-DRESSED WITH INCH TO 3 INCH ROCK. (STATE STANDARD SPECIFICATIONS, SECTION 8-15.)
- THE ROCK PAD SHALL BE AT LEAST 12 INCHES THICK AND 50 FEET LONG (20 FEET FOR SITES WITH LESS THAN 1 ACRE OF DISTURBED SOIL). WIDTH SHALL BE THE FULL WIDTH OF THE VEHICLE INCRESS AND ECRESS AREA. SMALLER PADS MAY BE APPROVED FOR SINGLE-FAMILY RESIDENTIAL AND SMALL COMMERCIAL SITES.
- ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY TO MAINTAIN PROPER FUNCTION OF PAD.
- IF THE PAD DOES NOT ADEQUATELY REMOVE THE MUD FROM THE VEHICLE WHEELS, THE WHEELS SHALL BE HOSED OFF BEFORE THE VEHICLE ENTERS A PAYED STREET. THE WASHING SHALL BE DONE IN AN AREA COVERED WITH CRUSHED ROCK AND WASH WATER SHALL DRAIN TO A SEDIMENT RETENTION FACILITY OR THROUGH A SILT FENCE.
- GEOTEXTILE SHALL MEET THE FOLLOWING STANDARDS: -CRAB TENSILE STRENGTH (ASTM D4751) - 200 PSI MIN. -GRAB TENSILE ELONGATION (ASTM D4632) - 30% MAX -MULLEN BURST STRENGTH (ASTM D3786-800) - 400 PSI MIN -AOS (ASTM D4751) - 20 TO 45 (U.S. STANDARD SIEVE SIZE)

CONSTRUCTION ENTRANCE DETAIL



FILTER FABRIC FENCE NOTES

- FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL AND CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT THE SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY FASTENED AT BOTH ENDS TO POST.

 POST SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE

- 2. POST SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 30 INCHES).

 3. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 8 INCHES WIDE AND 12 INCHES DEEP ALONG THE LINE OF POST AND UPSLOPE FROM THE BARRIER. THIS TIRENCH SHALL BE BACKFILLED WITH MASHED GRAVEL.

 4. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POST USING A HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS, THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.

 AND 20 INCHES OF THE FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.

 FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

 5. WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING IS USED, THE WIRE MESH SUPPORT FENCE MAY BE ELMINATED. IN SUCH CASE, THE FILTER FABRIC IS STAPLED OR WIRE DIRECTLY TO THE POST WITH ALL OTHER PROVISIONS OF ABOVE NOTES APPLINDING.

- 7. FILTER FABRIC FENCES SHALL NOT BE REMOVED BEFORE THE UPSLOPE AREA HAS BEEN PERNANENTLY STABILIZED.

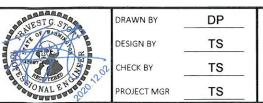
 B. FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 SILT FENCES WILL BE INSTALLED PARALLEL TO ANY SLOPE CONTOURS.
 CONTRIBUTING LENGTH TO FENCE WILL NOT BE GREATER THAN 100 FEET.
 DO NOT INSTALL BELOW AN OUTLET PIPE OR WEIR.

- INSTALL DOWNSLOPE OF EXPOSED AREAS.

 DO NOT DRIVE OVER OR FILL OVER SILT FENCES.
- FILTER FABRIC FENCE DETAIL

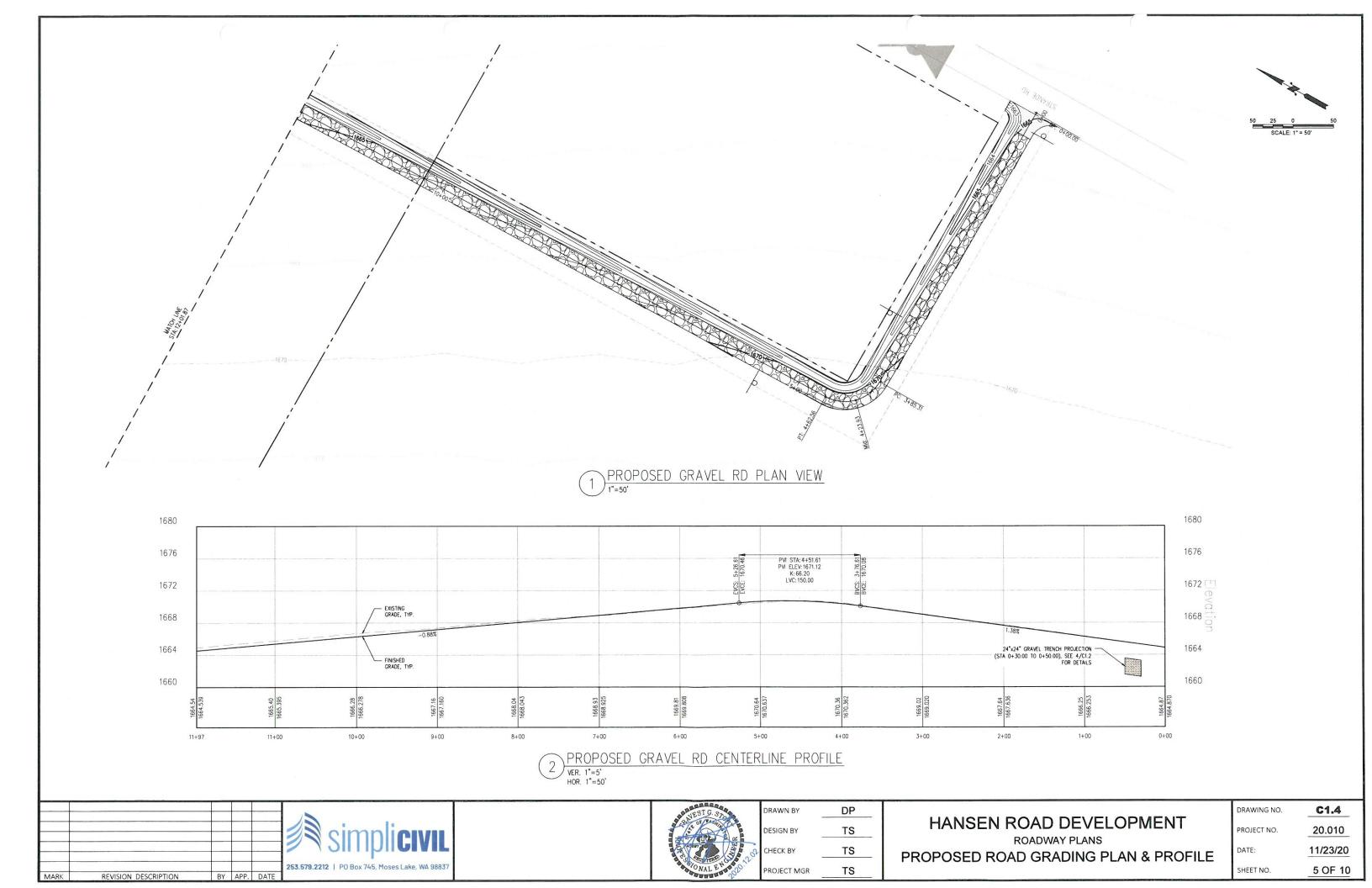
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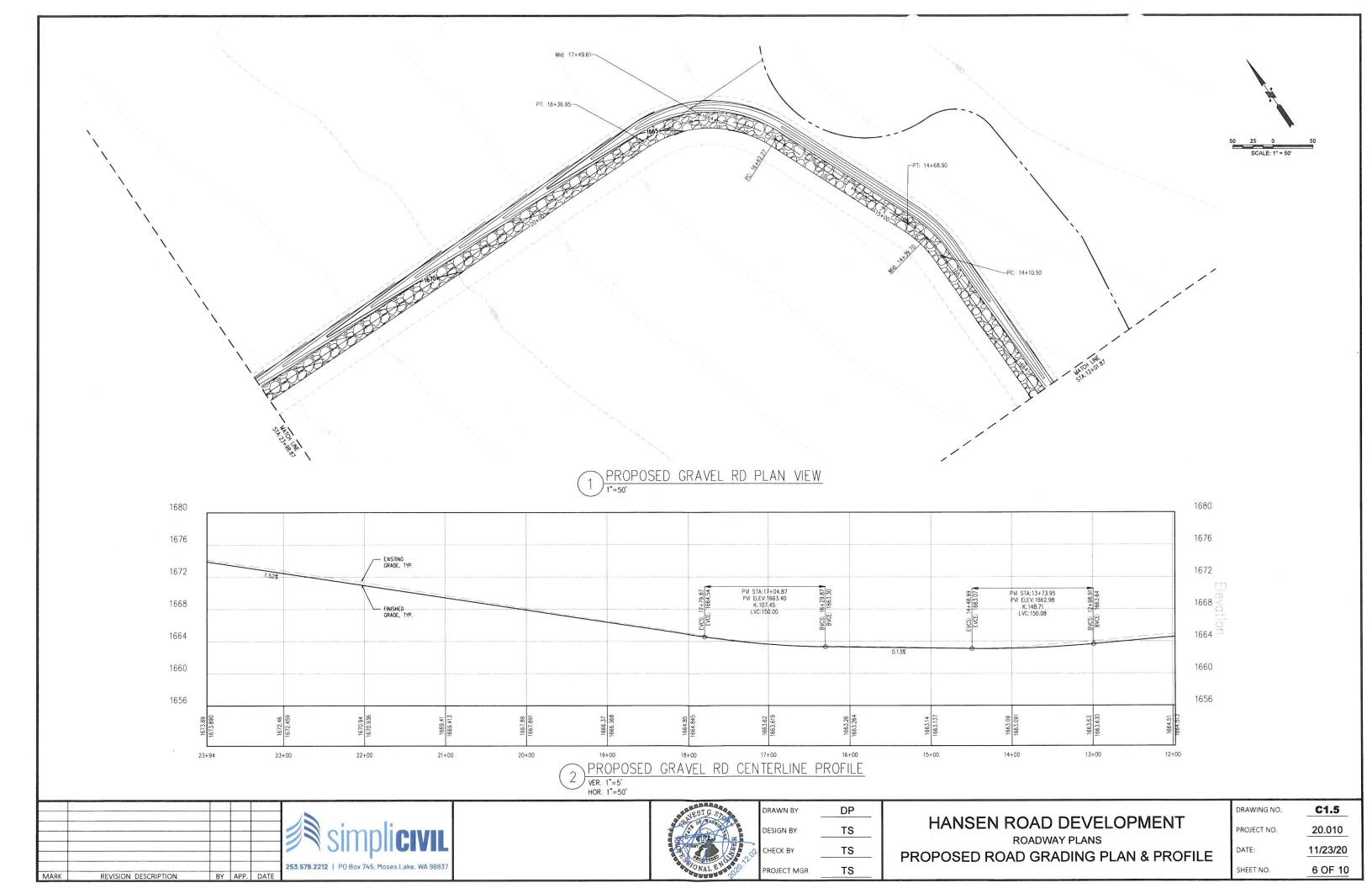
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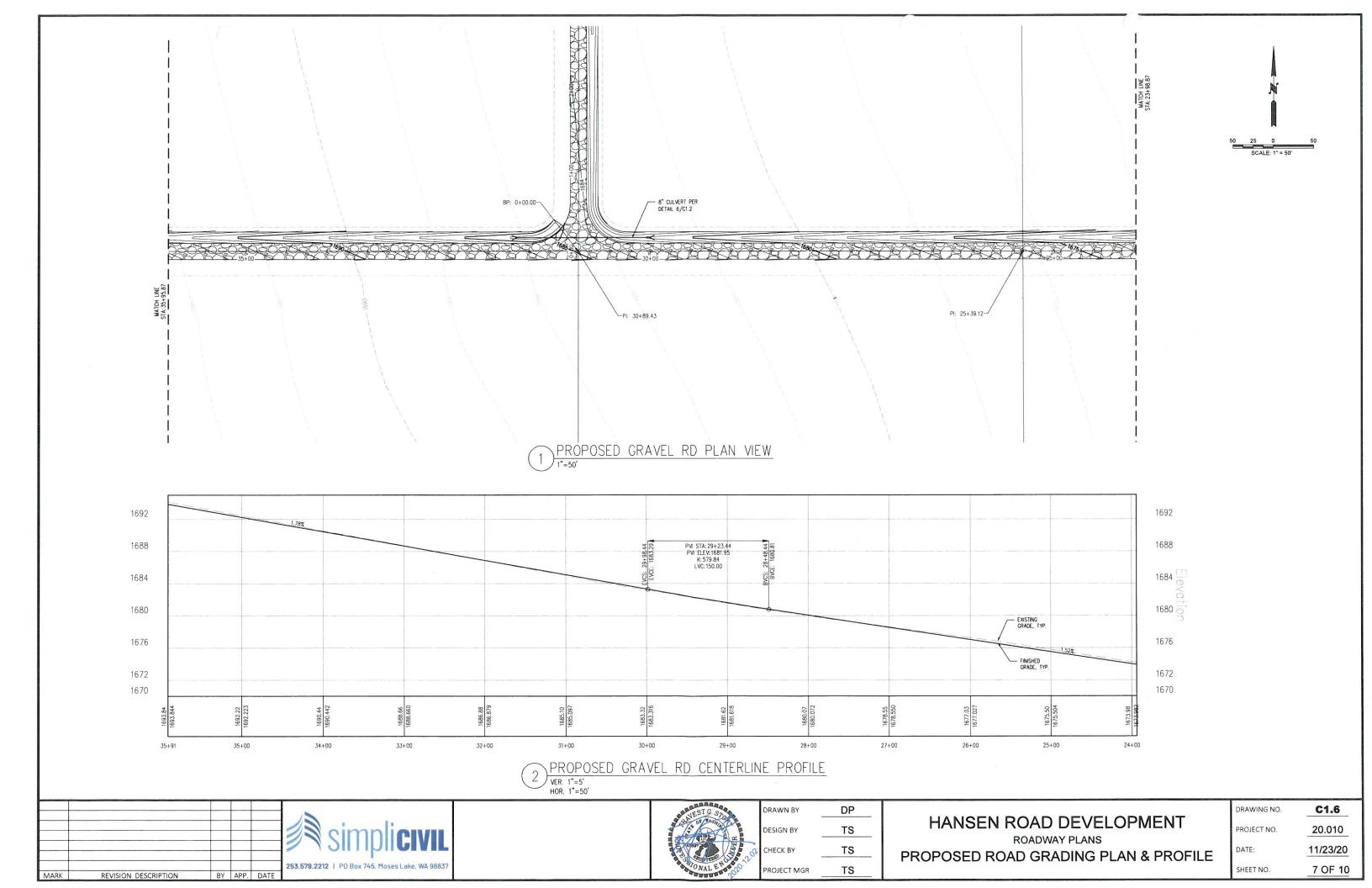


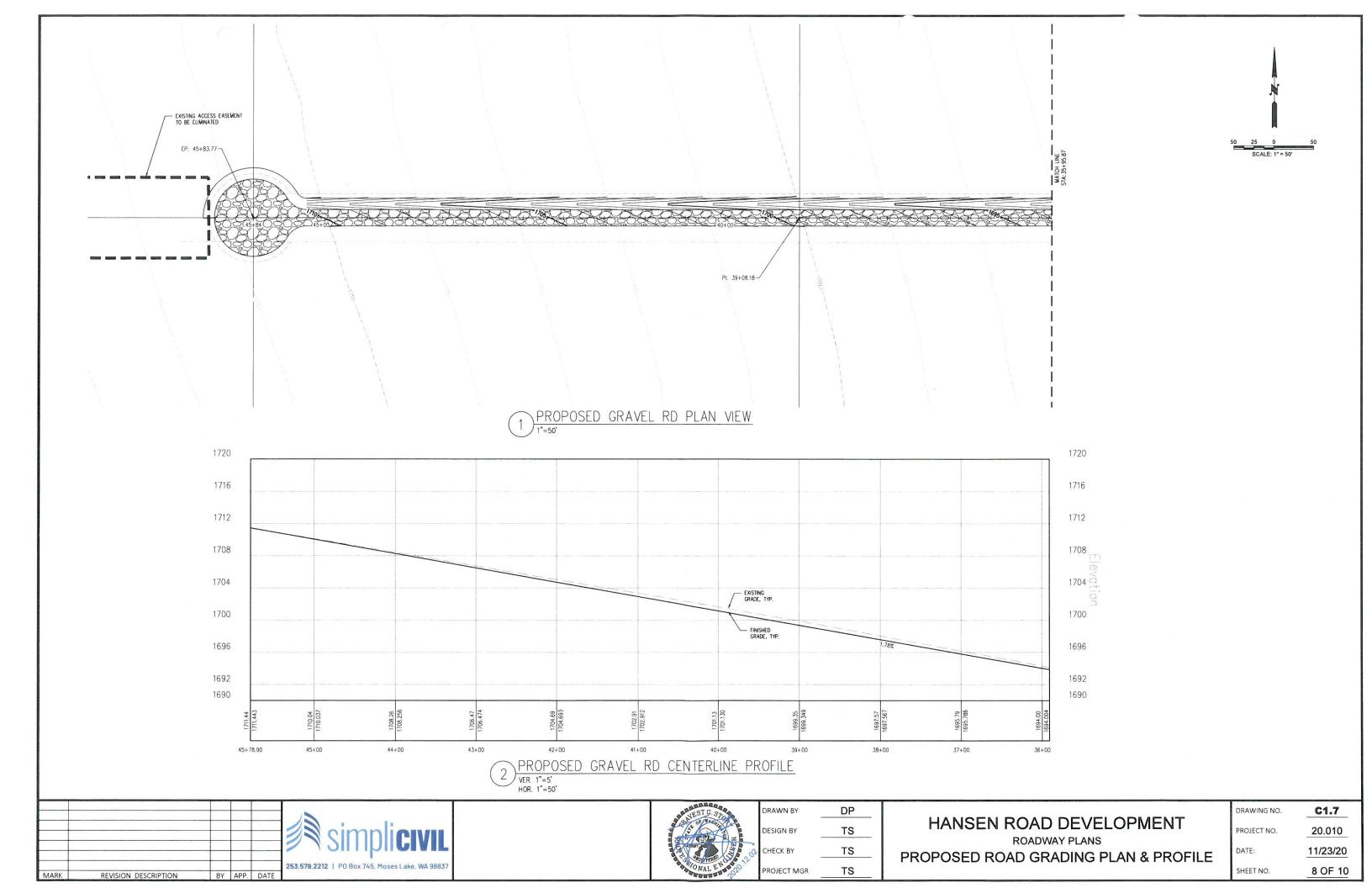
HANSEN ROAD DEVELOPMENT **ROADWAY PLANS TESC DETAILS**

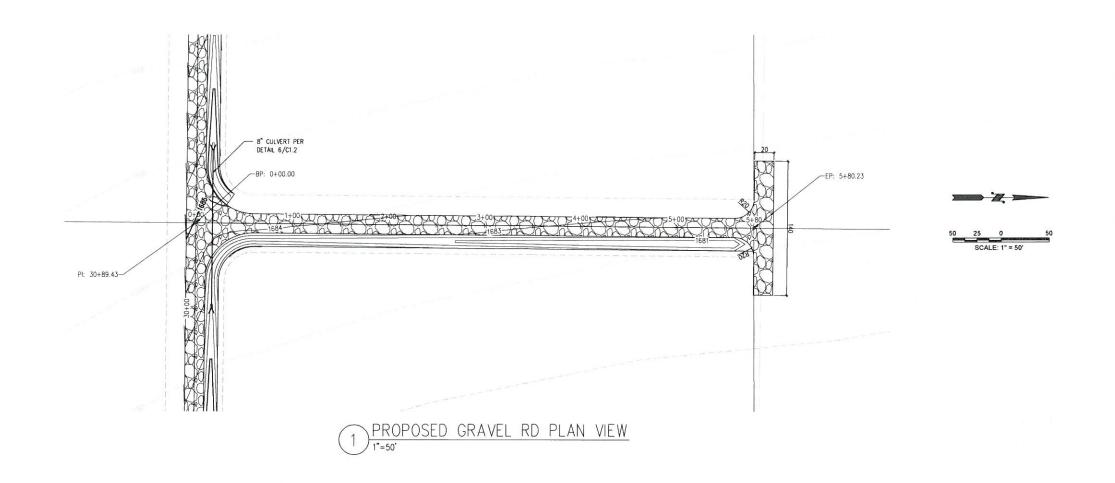
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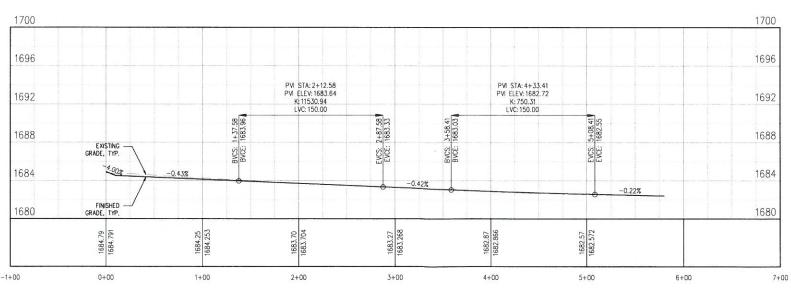












PROPOSED GRAVEL RD CENTERLINE PROFILE

VER. 1"=5"
HOR. 1"=50"

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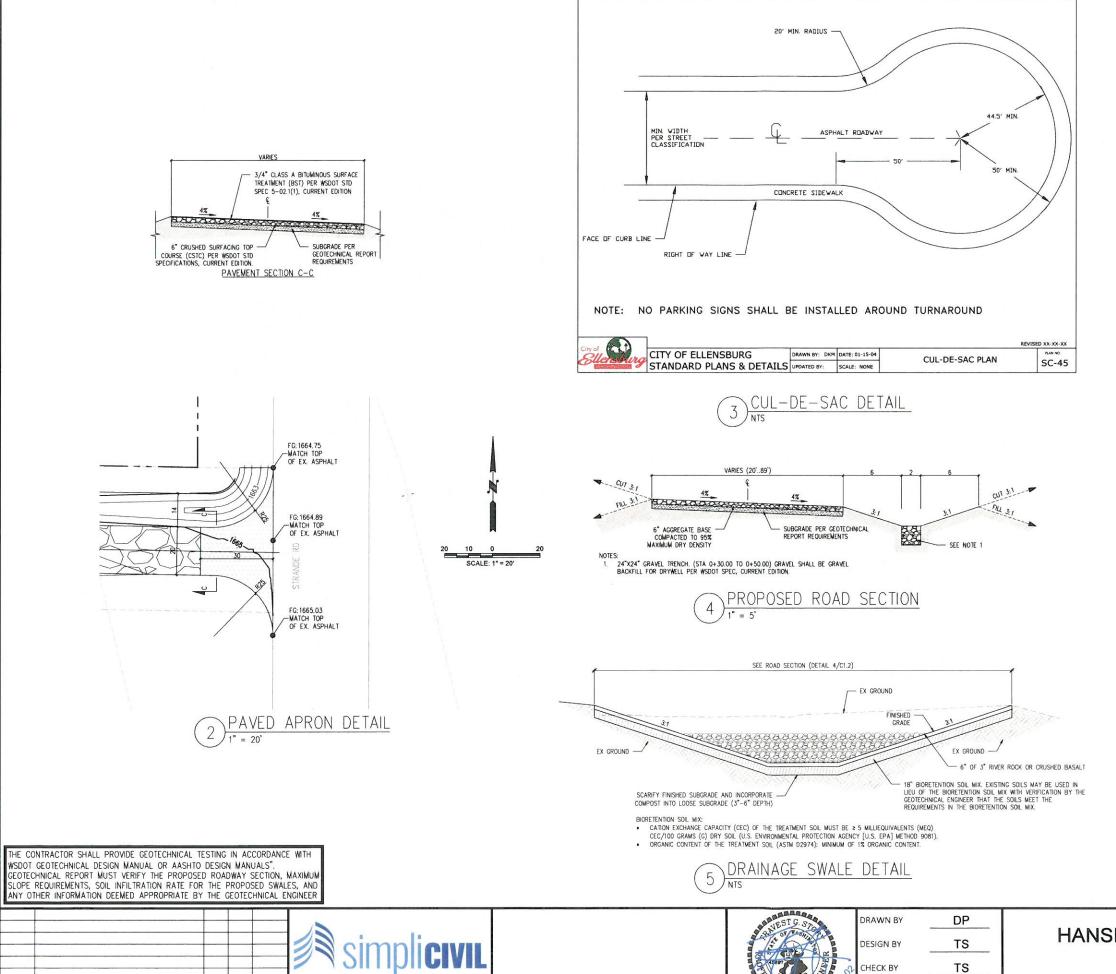


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HANSEN ROAD DEVELOPMENT ROADWAY PLANS PROPOSED ROAD GRADING PLAN & PROFILE

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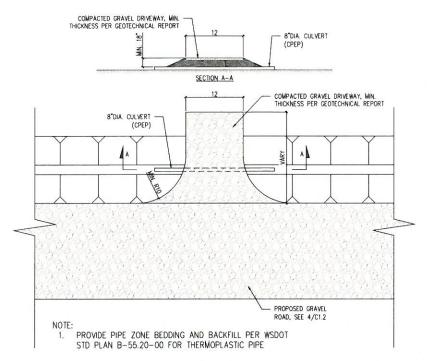
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TYP. DRIVEWAY DETAIL

HANSEN ROAD DEVELOPMENT **ROADWAY PLANS**

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PROJECT MGR

DRAWING NO. C1.9 PROJECT NO. 20.010 11/23/20 DATE: 10 OF 10

DETAILS SHEET NO.