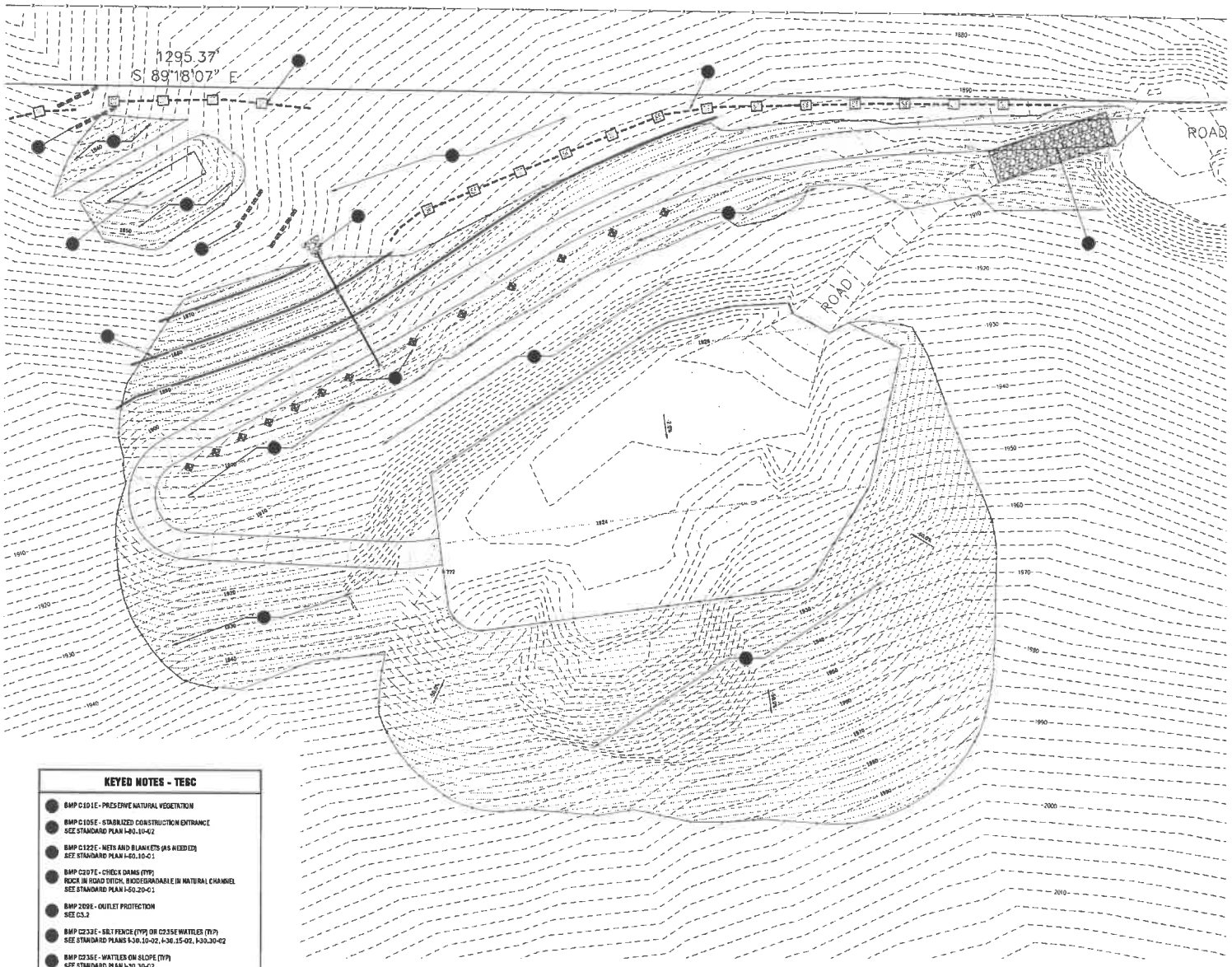

N

T.E.S.C. PLAN
SCALE: 1" = 30'

KEYED NOTES - TESC

- BMP C101E - PRESERVE NATURAL VEGETATION
- BMP C105E - STABILIZED CONSTRUCTION ENTRANCE SEE STANDARD PLAN I-80.10-02
- BMP C122E - NETS AND BLANKETS (AS NEEDED) SEE STANDARD PLAN I-60.10-01
- BMP C207E - CHECK DAMS (TYP) ROCK IN ROAD DITCH, BIODEGRADABLE IN NATURAL CHANNEL SEE STANDARD PLAN I-50.20-01
- BMP 209E - OUTLET PROTECTION SEE C3.2
- BMP C233E - SILT FENCE (TYP) OR C235E WATTLES (TYP) SEE STANDARD PLANS I-30.10-02, I-30.15-02, I-30.30-02
- BMP C235E - WATTLES ON SLOPE (TYP) SEE STANDARD PLAN I-30.30-02
- BMP C240E - SEDIMENT TRAP SEE STANDARD PLAN I-80.10-02

TEMPORARY EROSION AND SEDIMENTATION CONTROL NOTES

THE T.E.S.C. NOTES AND PLAN ARE THE MINIMUM EROSION AND SEDIMENTATION CONTROLS FOR ANTICIPATED SITE CONDITIONS. SEE T.E.S.C. DETAILS.

1. MARK CLEARING LIMITS.
THE BOUNDARIES OF THE CLEARING LIMITS SHALL BE CLEARLY FLAGGED OR FENCED IN THE FIELD PRIOR TO CONSTRUCTION. THE EXISTING CHAINLINK FENCE MAY BE UTILIZED AS CLEARING LIMIT FOR THE WEST AND SOUTH EDGES OF THE SITE. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED OR FENCED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING AND/OR FENCING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT.

2. ESTABLISH CONSTRUCTION ACCESS.
MAINTAIN EXISTING ASPHALT SURFACING AND DRIVEWAYS AS LONG AS FEASIBLE. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE TIME THE EXISTING ASPHALT SURFACING IS REMOVED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED WITH SUCH TIME AS THE PERMANENT PAVEMENT SECTION IS PREPARED. ADDITIONAL MEASURES MAY BE REQUIRED TO KEEP PAVED AREAS CLEAN. PARK EMPLOYEE, SUBCONTRACTOR, AND MATERIALMEN VEHICLES ON A STABILIZED PARKING AREA.

3. CONTROL FLOW RATES.
PROTECT ADJACENT, DOWNSTREAM PROPERTIES FROM EROSION AND SEDIMENTATION THROUGH USE OF TEMPORARY CONSTRUCTION STORMWATER BMPs. IF PERMANENT STORMWATER MANAGEMENT FACILITIES ARE UTILIZED FOR FLOW CONTROL DURING CONSTRUCTION, THEY SHALL BE PROTECTED FROM SEDIMENTATION. APPLICABLE BMPs INCLUDE INLET PROTECTION MEASURES SUCH AS SILT FENCE, GRAVEL FILTER BERM, STRAW BALE BARRIER, STRAW WATTLES OR BELOW GRATE INLET FILTERS.

4. INSTALL SEDIMENT CONTROLS.
BMPs INTENDED TO TRAP SEDIMENT ON SITE SHALL BE CONSTRUCTED AS ONE OF THE FIRST CONSTRUCTION ACTIONS, AND SHALL BE FUNCTIONAL PRIOR TO GRADING OPERATIONS. APPLICABLE BMPs INCLUDE THOSE IN NOTE 3, AS WELL AS USE OF DUST PALLIATIVES SUCH AS POLYACRYLAMIDE (PAM) FOR SOIL EROSION PROTECTION, DUST CONTROL MEASURES, AND SEDIMENT TRAPS. FOLLOW THE MANUFACTURER'S INSTRUCTIONS AND CAUTIONS REGARDING HANDLING AND APPLICATION WHEN USING DUST PALLIATIVES. USED OILS PROHIBITED FROM USE AS A DUST SUPPRESSANT. PAM MAY BE (BMP C126) ADDED TO WATER AT A RATE OF 0.5 LBS. PER 1,000 GALLONS OF WATER PER ACRE AND APPLIED FROM A WATER TRUCK AND IS MORE EFFECTIVE THAN WATER ALONE. PROMPTLY REMOVE MUD AND DIRT FROM CITY STREETS AND STABILIZED SURFACES ON THE SITE.

5. STABILIZE SOILS.
EXPOSED AND UNWORKED SOILS SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED AS SOON AS PRACTICABLE. ERODIBLE SOIL NOT BEING WORKED, WHETHER AT FINAL GRADE OR NOT, SHALL BE COVERED WITHIN THE FOLLOWING TIME PERIODS USING AN APPROVED SOIL COVER PRACTICE: JULY 1 THROUGH SEPTEMBER 30 = 30 DAYS; OCTOBER 1 THROUGH JUNE 30 = 15 DAYS

6. PROTECT SLOPES.
PLACE EXCAVATED MATERIAL ON UPGRADE SIDE OF TRENCHES, IN A MANNER CONSISTENT WITH SAFETY REGULATIONS AND SPACE CONSIDERATIONS.

7. PROTECT DRAIN INLETS.
PROTECT EXISTING FACILITIES THROUGH PROTECTION OF INLETS AND FLOW PATHS REACHING EXISTING FACILITIES. EXISTING INLETS TO BE ABANDONED SHALL BE PROTECTED UNTIL SUCH TIME AS THEY ARE ABANDONED. SEE NOTE 3 FOR A LIST OF APPLICABLE BMPs.

8. STABILIZE CHANNELS AND OUTLETS THROUGH USE OF BMPs. ADEQUATELY MANAGE AS STORMWATER IMPROVEMENTS ARE CONSTRUCTED.

9. CONTROL POLLUTANTS.
REFUSE AND POLLUTANTS SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CONTAMINATE STORMWATER. PROTECT, COVER, AND CONTAIN CHEMICALS, LIQUID AND PETROLEUM PRODUCTS, AND NON-INERT WASTE. USE SPILL PREVENTION MEASURES DURING MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND HAVE CONTROL AND CONTAINMENT DEVICES ON-HAND. INSTALL AND MAINTAIN A CONCRETE WASHOUT AREA. CONTROL DUST THROUGH USE OF WATERING AND/OR DUST PALLIATIVES - SEE NOTE 4. IRRIGATION WATER CAN BE USED FOR DUST CONTROL. IRRIGATION SYSTEMS SHOULD BE INSTALLED AS A FIRST STEP ON SITES WHERE DUST CONTROL IS A CONCERN. WATER USED FOR DUST CONTROL SHALL NOT LEAVE THE SITE AS SURFACE RUNOFF. USE SLOW SPEEDS TRAVELING ACROSS THE DISTURBED SITE. LIMIT DUST-CAUSING WORK ON WINDY DAYS.

10. CONTROL DEWATERING.
CONDITIONS REQUIRING DEWATERING ARE NOT ANTICIPATED AT THIS SITE. SHOULD DEWATERING BE NECESSARY, UNCONTAMINATED DEWATERING WATER SHALL BE DISPOSED OF THROUGH USE OF INFILTRATION. CONTAMINATED DEWATERING WATER SHALL BE HANDLED SEPARATELY FROM STORMWATER AND IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS.

11. MAINTAIN BMPs.
ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, ALL ON-SITE EROSION AND SEDIMENT CONTROL BMP'S, AND ALL STORMWATER DISCHARGE POINTS SHALL BE INSPECTED AT LEAST ONCE EVERY CALENDAR WEEK AND WITHIN 24-HOURS OF RUNOFF EVENTS IN WHICH STORMWATER DISCHARGES FROM THE SITE. INSPECTIONS OF TEMPORARILY STABILIZED, INACTIVE SITES MAY BE REDUCED TO ONCE EVERY CALENDAR MONTH. THE BMPS SHALL BE MAINTAINED TO PROMOTE THEIR CONTINUED FUNCTION AND OPERATION. ADDITIONAL BMPS (E.G. ADDITIONAL SWIPES, RELOCATION OF DITCHES AND SILT FENCE, ETC.) MAY BE NECESSARY TO DUE TO UNEXPECTED STORM EVENTS OR CHANGED SITE CONDITIONS OR CONSTRUCTION APPROACH. MAINTAIN FREQUENTLY REQUIRED MATERIALS ON HAND.

12. MANAGE THE PROJECT.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK REQUIRED FOR CONTROL OF EROSION AND SEDIMENTATION FOR THE PROJECT. THE IMPLEMENTATION AND MODIFICATION OF THE T.E.S.C. PLAN IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED, AND VEGETATION/LANDSCAPING IS ESTABLISHED. THE T.E.S.C. PLAN MUST BE MAINTAINED ON THE CONSTRUCTION SITE FOR REFERENCE AND USE BY PROJECT PERSONNEL, AND SHALL BE MODIFIED IF IT IS INEFFECTIVE IN MINIMIZING POLLUTANTS IN STORMWATER DISCHARGE OR DUST CONTROL. DAMAGED OR INADEQUATE BMPS SHALL BE CORRECTED IMMEDIATELY. THE BMPS SHOWN ON THIS PLAN MUST BE IN-PLACE AND/OR OPERATIONAL PRIOR TO CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO PREVENT CONTAMINATED WATER FROM ENTERING THE DRAINAGE SYSTEM, LEAVING THE SITE, OR VIOLATING APPLICABLE WATER QUALITY STANDARDS.

LEGEND

- STORM DRAIN INLET PROTECTION
- SILT FENCE
- CLEARING LIMITS
- STABILIZED CONSTRUCTION ENTRANCE
- SAWCUT LINE
- REMOVE EXIST HMA/CONCRETE

REV	DATE	DESCRIPTION
0	4/26/21	PRELIM ROAD/GRADING
1	7/26/21	GRADING PERMIT SET

PACIFIC ENGINEERING
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07/26/2021

ANDERSON HAY & GRAIN COMPANY, INC.

SITE GRADING IMPROVEMENTS

ELLENSBURG, WASHINGTON
PROJECT NO. 191750A DRAWN BY: DG CHECKED BY: MR

0 1"

T.E.S.C. PLAN

C4.0