

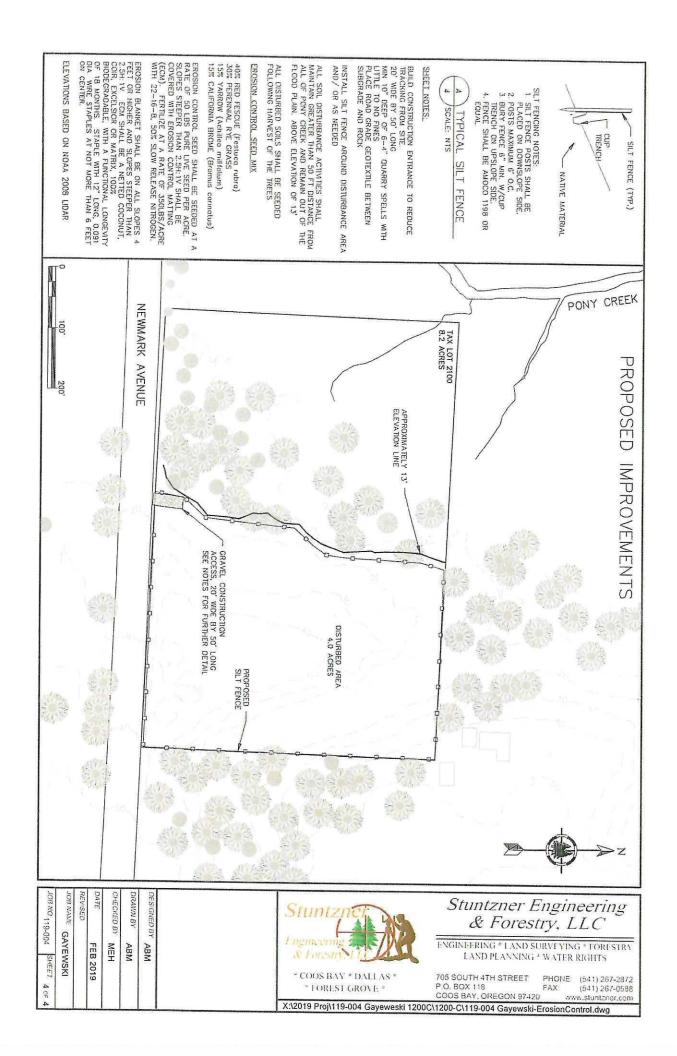


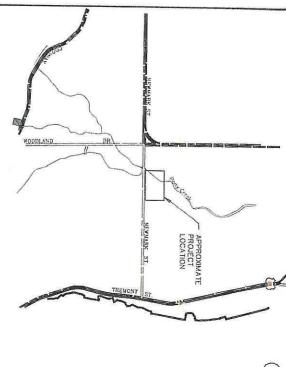


ENGINEERING * LAND SURVEYING * FORESTRY LAND PLANNING * WATER RIGHTS

COOS BAY * DALLAS * * FOREST GROVE *

705 SOUTH 4TH STREET PHONE: (541) 267-2872 P.O. BOX 118 FAX: (541) 267-0588 COOS BAY, OREGON 97420 www.stuntzner.com





GAYEWSKI LOCATED IN TOWNSHIP 25 SOUTH, RANGE 13 WEST, W.M., SECTION 22, EROSION TAX LOT 2100 CONTROL

- IDENTIFY, MARK AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS (Schedule A.B.ci.(1) and (2))
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICAL BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED (Schedule A.7.a.v) VEGETATIVE SEED MIX USED (Schedule A.7.a.v)
- MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER MTH THE 50-FEET OF WATERS OF THE STATE. (Schedule A.7.b.i. and $(2(\circ)(b))$.
- į, 12. INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL AS SEDIMENT BASINS, TRAPS AND BARRIERS PRIOR TO LAND DISTURBANCE. (Schedule A.B.c.i.(5)).

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- 8 PREVENT TRACKING OF SEDIMENT INTO PUBLIC OR PRIVATE ROADS USING BMP'S SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXISTS AND PARKING AREAS, GRAVEL ALL UNPAYED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMP'S MUST BE IN PLACE PRIOR TO LAND DISTURBING ACTIVITIES. (Schedule o.7.d.il and A.B.c.i(4)).
- WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (Schedule A. 7.D.II(5)).

19

RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEO, AGENT, OR MUNICIPALITY, DURING ACTIVE PERIODS OF GREATER THAN SEVEN(7) CONSCIUNTE CALENDAR DAYS, THE ABOVE RECORDS MUST BE RETAINED BY THE PERMIT REGISTRANT BUT DO NOT NEED TO BE AT THE CONSTRUCTION SITE. (Schedule B.2.c)

INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200¢ PERMIT REQUIREMENTS. ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200C PERMIT REQUIREMENTS. (Schedule A.12.b and Schedule B.1)

(Schedule B.1.c and B.2)

HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (SCHEDULE A.B.C.I.(3))

STANDARD EROSION AND SEDIMENT

PLAN DRAWING NOTES:

CONTROL

ALL PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBE THE THE ESCP IS A VIOLATION OF THE PERMIT. (Schedule A

SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED, SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (Senedule A.12.c.iv and v)

THE ESCP MUST BE ACCURATE AND REFLECT THE SITE CONDITIONS.

(Schedule A.12.c.i)

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- 20.
- USE BMP'S TO PREVENT OR MINIMIZE STORM WATER EXPOSURE TO POLLUTANTS FROM SPILLS, VEHICLE AND EQUIPMENT FUELING, MAINTENANCE AND STORAGE; OTHER CLEANING AND MAINTENANCE AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. (Schedule A.7.e.i.(2)).

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COOS COUNTY, OREGON

PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (Schedule A.7.d.ii)

- 70

- CONTROL BOTH PEAK FLOW RATES AND TOTAL STORM WATER VOLUME, TO MINIMIZE EROSION AT OUTLETS, DOWNSTREAM CHANNELS, AND STREAM BANKS. (Schedule A.7.c).
- CONTROL SEDIMENTS AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY (Schedule A. 7.d.i).
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (Schedule A.B.c.I.(6)).
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UN-VEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS. (Schedule A.B.c.ii(3)).
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORM WATER CONTROLS (Schedule A.B.c.i.(7)).

- CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE(I.E. CONCRETE WASH-OUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT & CURING COMPOUNDS) (Schedule A.6).

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S CONTROL PLAN DRAWING ANDARD EROSION AND SEDIMENT NOTES: (cont.)

- 22. INPLEMENT THE FOLLOWING BIMP'S WHEN APPLICABLE; WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (Schodule A.7.e.iii). SUPPLIES. (Schedule A.7.e.iii)
- 23 USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL (Schedule A.7.a.iv).
- 24 THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (Schodule
- 25 LIF AN ACTIVE TREATMENT SYSTEM (I.E., ELECTRO—COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM, SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN PLAN APPROVAL BEFORE OPERATION THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (Schedule A.9.d).
- TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (Schedule A.7.b.)
- 27 AS NEEDED BASED UPON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY, SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (Schedule A.7.e.ii.(2))
- 28 CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND BARE GROUND ACTIVITIES DURING WEATHER. (Schedule A.7.a.i).
- 30. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (Schedule A.S.c.i.): 29. SEDIMENT FENCE: REMOVED TRAPPED SEDIMENT BEFORE IT REACHES ON THIRD OF HEIGHT AND BEFORE FENCE REMOVAL. (Schedule A.9.c.i.). THE ABOVE GROUND
- 31. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SI BASINS AND SEDIMENT TRAPS REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (Schedule A.9.c.iii & iv). SEDIMENT

- WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASES AND IMPLEMENT STEPS TO PREVENT A RECUBRENCE OF THE DISCHARGE WITHIN THE SEME 24 HOURS, ANY IN-STREAM CLEANUP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIMEFRAME.
- 33 VACUUMING OR DRY SWEEPING SEDIMENTS. (Schedule A.9.b.ii) SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS I AND MATERIAL PICKUP MUST BE USED TO CLEANUP P RELEASED OCCUR.

- FOR
- PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKISTER, LODGE STRAW, OR AN ADEQUATE COVERING OF COMPOST MUCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE, (Schodule A.T.f.ii.).

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IE ENTRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH YER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE R 30 DAYS OR MORE. (Schedule A.7.f.i.).
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설문
E ENTRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH YER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE R 30 DAYS OR MORE, (Schedule A.7.f.i.).

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TOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION RECOVERY OF EXPOSED AREAS IS ESTABLISHED, ONCE CONSTRUCTION IS COMPLETE A IS STABLISHED, AND RETAINED SOILS MUST BE VIS STABLISHED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE VIDED AND DISPOSED OF PROPERLY, UNLESS DONG SO CONFLICTS WITH LOCAL IREMENTS. (Schedule A.B.C.III(1) and D.J.C.II and III).
IOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VECETATION OF COVER OF EXPOSED AREAS IS ESTABLISHED, ONCE CONSTRUCTION IS COMPLETE AND TILS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE WED AND DISPOSED OF PROPERLY, UNLESS DOING SO CONFLICTS WITH LOCAL IREMENTS. (Schedule A.B.C.III(1) and D.3.C.II and III).
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	SITE CONDITIONS	MINIMUM FREQUENCY
1.0	ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING.
		AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURING
E 55.73	PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY.	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER, ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRORT TO LECANING SITE.
707	(14) CONSECUTIVE CALENDAR DAYS	ONCE EVERY MONTH
500	PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSBLE DISCHARGE POINT OR DOWNSTREAM LOCATION
20 OO T	PERIOD DURING WHICH DISCHARGE IS UNLIKELY DUE TO FROZEN CONDITIONS	MONTHLY, RESUME MONITORING IMMEDIATELY UPON MELT, OR WHEN DISCHARGES ARE LIKELY

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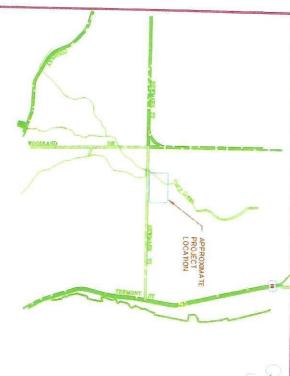
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LOCATED IN TOWNSHIP WEST, W.M., SECTION 22, TAX LOT 2100 RANGE 13

- = 10. OF VEGETATIVE SEED MIX USED (Schedule A 7 a.v)
- CONTROL BOTH PEAK FLOW RATES AND TOTAL STORM WATER VOLUME, TO MINIMIZE EROSION AT OUTLETS, DOWNSTREAM CHANNELS, AND STREAM BANKS (Schedule A 7 c)
- CONTROL SEDIMENTS AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY (Schedule A 7.d.i)

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- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORM WATER CONTROLS (Schedule A B c.i.(7))
- PREVENT TRACKING OF SEDIMENT INTO PUBLIC OR PRIVATE ROADS USING BMP'S SUCH AS. CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXISTS AND PARKING AREAS, GRAVEL ALL UNPAYED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMP'S MUST BE IN PLACE PRIOR TO LAND DISTURBING ACTIVITIES. (Schedule o.7 d.ii and A.B.c.i(4))
- WHEN IRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (Schedule A $7.0\,\mathrm{H}(5)$)

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21 USE BMP'S TO PREVENT OR MINIMIZE STORM WATER EXPOSURE TO POLLUTANTS FROM SPILLS.

WEHICLE AND EQUIPMENT FUELING, MAINTENANCE AND STORAGES, OTHER CLEANING AND MAINTENANCE ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAUDIUG FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FRETILIZER, PESTICIDES AND HERBISIDES, PAINTS, SOLVENTS, CURING COMPOUNTS AND ADHESIVES FROM CONSTRUCTION (Schedule

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SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEC. OR AGENT WITHIN 10 DAYS

(Schedule A 12 c iv and v)

THE ESCP MUST BE ACCURATE AND REFLECT THE SITE CONDITIONS (Schedule A 12 c.)

ALL PERMIT REGISTRANT MUST IMPLEMENT THE ESCP FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBE THE THE ESCP IS A VIOLATION OF THE PERMIT (Schedule A

RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ. AGENT, OR MUNICIPALITY. DURING ACTIVE PERIODS OF GREATER THAN SEVEN(7) CONSECUTIVE CALENDAR DAYS, THE ABOVE RECORDS MUST BE RETAINED BY THE PERMIT REGISTRANT BUT DO NOT NEED TO BE AT THE CONSTRUCTION SITE. (Schedule B.2.c)

INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEG'S 12000 PERMIT REQUIREMENTS

ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200C PERMIT REQUIREMENTS (Schedule A 12 b and Schedule B 1)

HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES INSPECTOR TO DISCUSS ERGSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS

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STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES:

(SCHEDULE A.B.C.I.(3))

(Schedule B.I.c and B.2)

- PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (Schedule A $7.\sigma$ iii)
- DENTIFY, MARK AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS IDENTIFY VEGETATIVE HUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS THE PRESERVED, ESPECIALLY IN PERIMETER AREAS (Schedule A 8 c.i.(1) and (2)) 10
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS RE-VEGETATE OPEN AREAS WHEN PRACTICAL BEFORE AND AFTER GRADING OR CONSTRUCTION IDENTIFY THE TYPE
- MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITH THE 50-FEET OF WATERS OF THE STATE (Schedule A.7.b., and (2(a)(b)).
- 12 INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL SEDIMENT BASINS, TRAPS AND BARRIERS PRIOR TO LAND DISTURBANCE (Schedule a B.c.i.(5)). AS
- 3
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK (Schedule A 8 c.1 (6)).
- APPLY TRAPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTRABED TO BE LEFT UN-VEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS (Schedule a B.C.II(3)).

- 20 CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION STEELE CONCRETE WASH-OUT, WASTEWATER FROM CLEANGUT OF STUCCO, PAINT & CURING COMPOUNDS) (Schedule A.6).



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STANDARD CONTROL PLAN DRAWING NOTES: (cont.) **EROSION AND** SIDMIN

- 22 IMPLEMENT THE FOLLOWING BMP'S WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (Schedule A 7.e.iii)
- 23 USE USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL (Schedule A 7 a.iv) WATER
- THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS EXERCISE CAUTION WHEN USING TIME-RELEEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (Schedule
- IF AN ACTIVE TREATMENT SYSTEM (I.E., ELECTRO-CDAGULATION, FLOCCULATION, FLITRATION, ETC.) FOR SEDMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF "NLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATION. THE TREATMENT SYSTEM OPERATION THE TREATMENT SYSTEM OPERATE AND MAINTAIN THE TREATMENT SYSTEM OPERATED.
- 26 TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE TIMES OF THE YEAR (Schedule A 7 b) STABLE DURING RAIN EVENTS AT ALL
- 28 27 AS NEEDED BASED UPON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY, SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS (Schedule A 7 e ii (2))
- 29 SEDIMENT FENCE. REMOVED WET WEATHER ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND BARE GROUND ACTIVITIES DURING (Schedule A.7.a i) TRAPPED SEDIMENT BEFORE IT REACHES ON THIRD OF THE ABOVE GROUND
- OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL (Schedule A.9 c.i.) REACHES TWO INCHES

(Schedule A 9 c i)

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AND BEFORE FENCE REMOVAL

- C. CATCH BASINS CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT SEASINS AND SEDIMENT TRAPS REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN BY FIFTY PERCENT AND AT COMPLETION OF PROJECT (Schedule A 9 c. iii AL IV) SEDIMENT
- 32 WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE MUST (
 REMEDIATED INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS
 RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS ANY IN-STREAM CLEANUP
 SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED T T BE
 TO PREVENT /
 JP OF SEDIMENT
- (3) THE INTENTIONAL WASHING OF VACUUMING OF DRY SWEEPING SEDIMENTS (Schedule A.9.b.ii) OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT ING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED OCCUR

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- THE ENTRE SITE MUST BE TEMPORARHY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR 30 DAYS OR MORE (Schedule A 7 i.i.)
- PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A CORPINIC OF BLOWN STRAW AND A TACKFIER, LOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MUCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (Schedule A 7.f.ii.)
- DO NOT REMONE TEMPORARY SEDMENT CONTROL PRACTICES UNIT, PERMANENT VEGETATION OTHER COVER OF EXPOSED AREAS IS ESTABLISHED, ONCE CONSTRUCTION IS COMPLETE AND SITE IS STABLIZED, ALL TEMPORARY ERROGION CONTROLS AND RETAINED SOLIS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS DOING SO CONFLICTS WITH LOCAL DO NOT REMOVE OTHER COVER OF REQUIREMENTS. (Schedule A.B.c.iii(1) and D.3 c ii and iii). 로움

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SATE COMPATIONS	MANAGO FRECUENCY
PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING
	AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURING
TO THE SITE BECOMING INACTIVE OR INCIPATION OF SITE INACCESSIBILITY	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER ANY NECESSARY MANNERANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING SITE.
WE PERIODS GREATER THAN FOURTEEN ONSECUTIVE CALENDAR DAYS	ONCE EVERY MONTH
SSBLE DUE TO INCLEMENT WEATHER	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION
LY DUE TO FROZEN CONDITIONS	MONTHLY, RESUME MONITORING IMMEDIATELY UPON MELT, OR WHEN DISCHARGES ARE LIKELY

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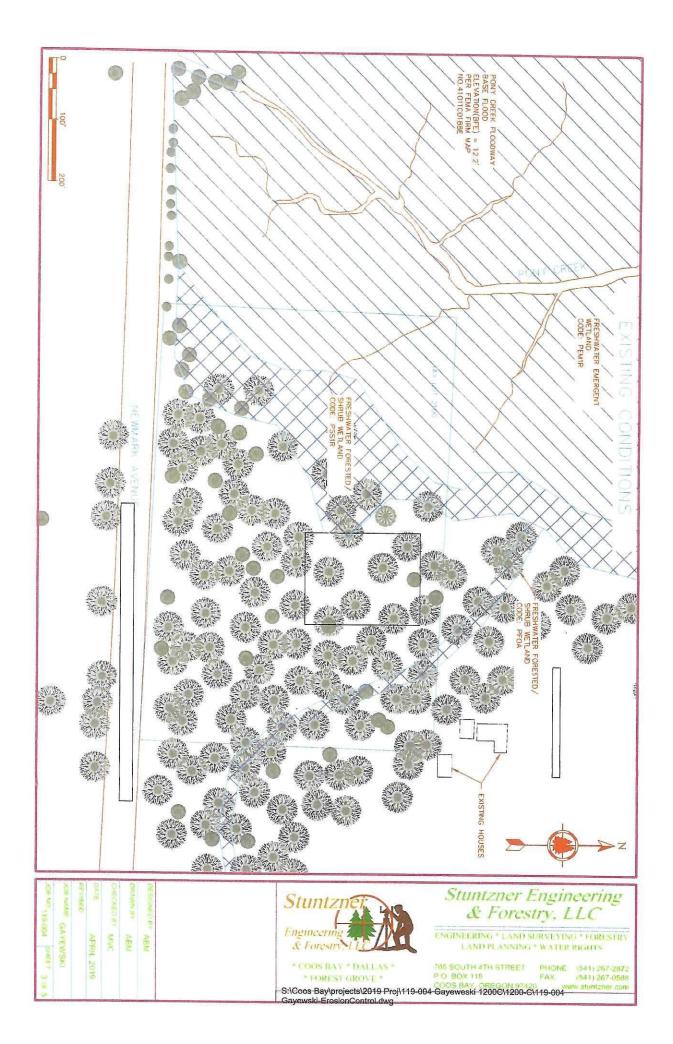
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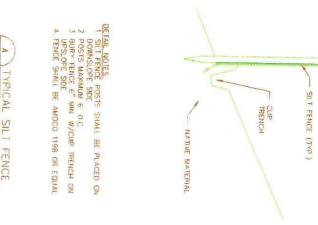
705 SOUTH 4TH STREET P.O. BOX 118

(541) 267-2872 (541) 267-0588

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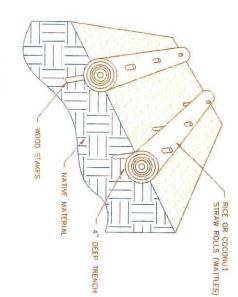


EROSION BLANKET SHALL BE ON ALL SLOPES 4 FEET OR HIGHER AND SLOPES STEEPER THAN 2.5H-TV ECM SHALL BE A NETTED COCONUT, COR, EXCELSIOR OR MATRIX, 190% BIODEGRADABLE, WITH A FUNCTIONAL LONGENTY OF 18 MONTHS. STAPLE WITH 12" LUNG, 0.091 DIA WIRE STAPLES AT NOT MORE THAN 6 FEET CANNOT BE MANUTANED, TWO BMP'S WILL PLACED FOR PROTECTION SILT FENCING AN STRAW WATTLES WILL BE USED SITE WILL SEEDED FOLLOWING HARVEST ELEVATIONS BASED IN AREAS WHERE EROSION CONTROL SEED SHALL BE SEEDED AT RATE OF 50 LBS PUPE LIVE SEED PER ACRE SLOPES STEEPER THAN 2.5H:1V SHALL BE COVERED WITH EROSION CONTROL MATING (ECM) FERTILIZE AT A RATE OF 350LBS/ACRE WITH 22-16-B, 50% SLOW RELEASE NITROGEN. STORM OUTFALL IS A CULVERT UNDER NEWMARK AVENUE FROM A DRAMMAGE AREA THAT IS OUT OF THE PROJECT AREA. HARVEST ACTIVITIES WILL NOT INTERFERE OR AFFECT THE OUTFALL ALL HARVEST ACTIVITES SHALL MAINTAIN GREATER THAN 50 FT DISTANCE FROM ALL OF PONY CREEK IS MOST AREAS AND REMAIN OUT OF THE FLOOD PLAIN ABOVE ELEVATION OF 13" 2 BMP'S WILL BE USED IN AREAS WHERE THE PLANS. BUILD TEMPORARY (REDUCE TRACKING F 20' WIDE BY 50' LO 15% EROSION CONTROL ALL DISTURBED SOILS SHALL BE SEEDED FOLLOWING COMPLETION OF HARVEST REDUCE TRACKING FROM STE. 20 WIDE BY 50' LONG MIN 10" DEEP OF 6"-4" QUARRY SPELLS MITH LITTLE TO NO FINES PLACE ROAD GRADE GEOTEXTILE BELOW ROCK REMOVE CONSTRUCTION ACCESS AFTER COMPLETION OF PROJECT AND AND/ OR AS NEEDED THERE ARE NO CATCH BASINS AFFECTED BY HARVEST THE ALONG THE NORTH SIDE OF NEWMARK. ALL HARVEST/DISTURBANCE ACTIVITIES IS SCHEDULED TO OCCUR DURING THE DRY SEASON JULY/AUGUST TO MINIMIZE POTENTIAL IMPACTS TO THE AREA. SHEET NOTES: CENTER RED FESCUE (Festuca rubra) PERENNIAL RYE GRASS YARROW (Achillea millfolium) CALIFORNIA BROME (Bromus carinatus) ON NOAA 2008 LIDAR SEED MIX FROM SITE. ENTRANCE ANDE AREA 10 EXISTING CULVERT WILL BE DISTURBED AS IT IS OF THE PROJECT AREA 0 NOT ELEVATION APPROXIMATELY 13 SAMPA SAMPA TEMPORARY GRAVEL CONSTRUCTION ACCESS*, 20' WIDE BY 50' LONG SEE NOTES FOR FURTHER DETAIL TEMPORARY STAGING AREA TIMBER HARVEST PURPOSED SECONDARY BMP WHEN BUFFER IS LESS THAN 50 FT 4 0 ACRES PROPOSED SILT FENCE FRESHWATER FORESTED/SHRUB CLASSIFICATION CODE: PFOA HARVEST ACTIVITIES TO NOT BLOCK OR INTERFERE WITH DRAINAGE PROTECT IN PLACE PROPERTY MONUMENT PROPERTY MONUMENT WETLAND Stuntzner Engineering Stuntzne & Forestry, LLC DAYEMSKI Engineering ENGINEERING * LAND SURVEYING * FORESTRY ABM APRIL ABM & Forestry L LAND PLANNING * WATER RIGHTS * COOS BAY * DALLAS * 705 SOUTH 4TH STREET P.O. BOX 118 (541) 267-2872 (541) 267-0588 * FOREST GROVE * -S:\Coos-Bay\projects\2019 Proj\119-004 Gayeweski 1200C\1200-C\119-004



SCALE NTS TYPICAL SILT FENCE

> DETAIL NOTES
> 1 INSTALL INTO SHALLOW TRENCHES
> DOWNSLOPE SIDE.
> 2 STAKES MAXIMUM 6' 0.C. SCALE NTS STRAW WATTLE



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SHEIL NOTES
EROSION CONTROLS CHOSEN ARE
TEMPORARY QUE TO THE CONDITION THAT
THE SITE WILL BE STABILIZED WITH AN
APPROVED SEED MIXTURE UPON
COMPLETION OF TIMBER HARVEST



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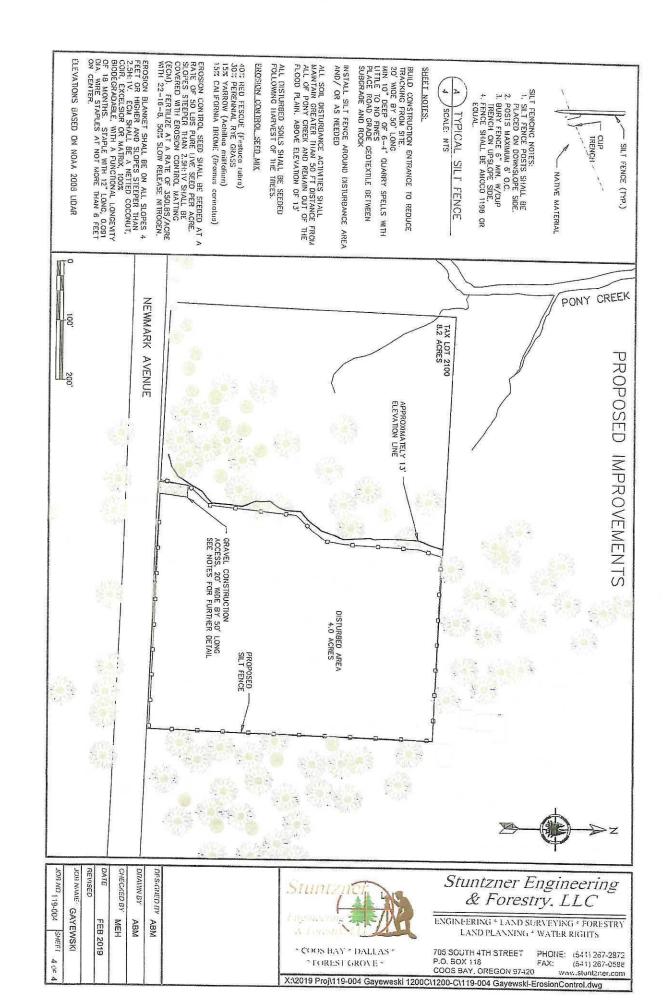
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* FOREST GROVE *

705 SOUTH 4TH STREET PO BOX 118

PHONE FAX (541) 267-2972 (541) 267-0588 w stuntzner.com

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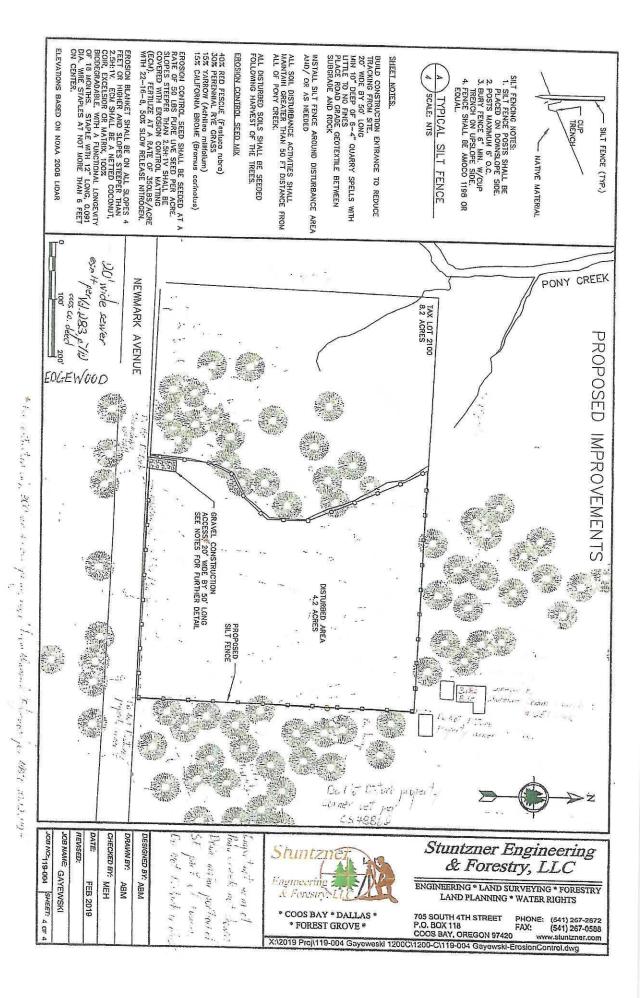
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W.W. ABK ST APPROXIMATE PROJECT LOCATION

GAYEWSKI LOCATED IN TOWNSHIP 25 SOUTH, RANGE 13 WEST, W.M., SECTION 22, COOS COUNTY, OREGON EROSION TAX LOT 2100 CONTROL

- PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (Schodule A.7.a.iii)
- IDENTIFY, MARK AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION ERREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS, IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS (Schedule A.B.C.I.(1) and (2))
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICAL BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED (Schedule A.7.a.v)

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- 11. MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITH THE 50-FEET OF WATERS OF THE STATE. (Schedule A.7.b.i. and (2(a)(b))).
- INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL SEDIMENT BASINS, ITAPS AND BARRIERS PRIOR TO LAND DISTURBANCE. (Schedule A.B.c.i.(5)). AS ALL

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- CONTROL SEDMENTS AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE CONTROL BOTH PEAK FLOW RATES AND TOTAL STORM WATER VOLUME, TO MINIMIZE EROSION AT OUTLETS, DOWNSTREAM CHANNELS, AND STREAM BANKS. (Schedule A.7.c).
- 5 ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (Schedule A.B.c.i.(6)). BOUNDARY (Schedule A. 7.d.i).
- 6. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UN-YEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS. (Schedule A.B.G.II(3)).
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORM WATER CONTROLS. (Schedule A.B.c.i.(7)).
- . PREVENT TRACKING OF SEDIMENT INTO PUBLIC OR PRIVATE ROADS USING BMP'S SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXISTS AND PARRING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONISTE, OR USE AN EXIT TIRE WASH. THESE BMP'S MUST BE IN PLACE PRIOR TO LAND DISTURBING ACTIVITIES. (Schedule q.7.d.ii and A.8.c.i(4)).
- WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (Schedule A. 7.D.II(5)).

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8.

CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE(I.E. CONCRETE WASH-OUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT & CURING COMPOUNDS) (Schedule A.6).

21.

USE BAP'S TO PREVENT OR MINIMIZE STORM WATER EXPOSURE TO POLLUTANTS FROM SPILLS, VEHICLE AND EQUIPMENT FUELING, MAINTENANCE AND STORAGE: OTHER CLEANING AND MAINTENANCE ACTIVITIES, AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, THORALULG FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND DEBRIS, FROM CONSTRUCTION OPERATIONS. (Schedule A.7.e.i.(2)).

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To Stuntzner Engineering & Forestry, LLC ENGINEERING * I AND SURVEYING * FORESTRY

COOS BAY * DALLAS * * LOREST GROVE *

LAND PLANNING * WATER RIGHTS 705 SOUTH 4TH STREET PHONE: (541) 267-2872 P.O. BOX 118 FAX. (541) 267-0588 COOS BAY, OREGON 97420 www.sluntzner.com X:\2019 Proj\119-004 Gayeweski 1200C\1200-C\119-004 Gayewski-ErosionControl.dwg

STANDARD CONTROL PLAN DRAWING NOTES: **EROSION AND** SEDIMENT

- HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES I MSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (SCHEDULE A.B.C.I.(3)) 품
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200c PERMIT REQUIREMENTS ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200C PERMIT REQUIREMENTS: (Schedule A.12.b and Schedule B.1)

(Schedule B.1.c and B.2)

- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEO, ACENT, OR MUNICIPALITY. DURING ACTIVE PERIODS OF GREATER THAIN SEVEN(7) CONSECUTIVE CALENDAR DAYS, THE ABOVE RECORDS MUST BE RETAINED BY THE PERMIT REGISTRANT BUT DO NOT NEED TO BE AT THE CONSTRUCTION SITE. (Schedule B.2.c)
- ALL PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBE THE THE ESCP IS A WOLATION OF THE PERMIT. (Schedule A
- THE ESCP MUST BE ACCURATE AND REFLECT THE SITE CONDITIONS. (Schedule A.12.c.i)
- SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT MITHIN 10 DAYS. (Schedule A.12.c.)v and v)

STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES: (cont.)

- 22. IMPLEMENT THE FOLLOWING BMP'S WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REQULAR MANITENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (Schedule A.7.e.iii).
- USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL (Schedula A.7.a.iv).
- 24 HE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SUBFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (Schedule A.B.b.ii).

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- 25. IF AN ACTIVE TREATMENT SYSTEM (I.E., ELECTRO—COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM, EOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF OSCILARGE, DISCHARGE DISPERSION EVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OPERATION THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (Schodulo A.9.d).
- 26. IEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED THE RECISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (Schedulo A.7 b)
- 27. AS NEEDED BASED UPON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY, SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (Schedule A.7.a.ii.(2)).
- CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND BARE GROUND ACTIVITIES DURING WEATHER. (Schedule A.Z.a.I).
- 29. SEDIMENT FENCE: REMOVED TRAPPED SEDIMENT BEFORE IT REACHES ON THIRD OF THE ABOVE GROUND HEIGHT AND BEFORE FENCE REMOVAL. (Schedule A.9.c.i.).
 30. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (Schedule A.9.c.i.).
- 31. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDMENT BASINS AND SEDIMENT TRAPS REMOVE TRAPPED SEDMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (Schedule A.9.c.iii & iv).
- 32. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE MITHIN THE SAME 24 HOURS, MY IN-STREAM CLEANUP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIMEFRAME. (Schedule A.9.b.i.).
- THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACULUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (Schedule A.9.b.ii).

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- . THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR 30 DAYS OR MORE. (Schedule A.7.f.i.).
- PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKFIER, LOGES STRAW, OR AN AGEQUATE COVERING OF COMPOST MUCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (Schedule A.7 I.II.).
- . DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED, ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABLIZED, ALL TEMPORARY FROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. (Schedule A.B.C.III(1) and D.3.C.II and III).

SITE CONDITIONS	MINIMUM FREQUENCY
ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING.
	AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNGEF IS OCCURING.
PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY.	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR HUST BE MADE PRIOR TO LEAVING SITE.
INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	ONCE EVERY MONTH
PERIODS DURING WHICH THE SITE IS	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION
PERIOD DURING WHICH DISCHARGE IS	MONTHLY, RESUME MONITORING IMMEDIATELY UPON MELT, OR WHEN DISCHARGES ARE LIKELY

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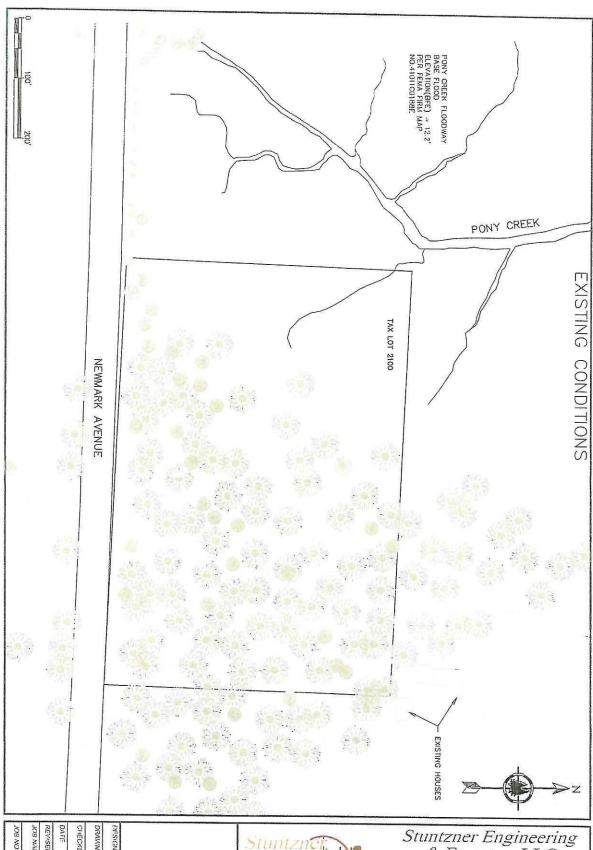
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COOS BAY *DALLAS * 705 SOUTH 4TH STREET PHONE: (541) 267 *** 1 ORE:ST GROVE *** P.O. BOX 118 FAX: (541) 267 *** (541) 267 **

WOODLAND NEWMARK ST. APPROXIMATE PROJECT LOCATION

LOCATED AYE WEST, W.M., SECTION 22, NSK! Z TOWNSHIP ROSI 25 SOUTH, RANGE 13 TAX LOT CONTRO 2100

COOS COUNTY, OREGON

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PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (Schedule A.7.o.iii)

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PRESERVE EXISTING VECETATION WHEN PRACTICAL AND RE-VECETATE OPEN AREAS. RE-VECETATE OPEN AREAS WHEN PRACTICAL BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE VEGETATIVE SEED MIX USED (Schedule A.7.g.v)

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MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITH THE 50-FEET OF WATERS OF STATE. (Schedule A.7.b.i. and (2(o)(b)).

INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL SEDIMENT BASINS, TRAPS AND BARRIERS PRIOR TO LAND DISTURBANCE. (Schedule A.B.c.i.(5)). AS ALL

CONTROL BOTH PEAK FLOW RATES OUTLETS, DOWNSTREAM CHANNELS, AND TOTAL STORM WATER VOLUME, TO MINIMIZE EROSION AT AND STREAM BANKS. (Schedule A.7.c).

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6.

ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORM WATER CONTROLS. (Schedule A.B.c.i.(7)).

CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE(I.E. CONCRETE WASTEWATER FROM CLEANOUT OF STUCCO, PAINT & CURING COMPOUNDS) (Schedule A.6). WASH-OUT,

USE BMP'S TO PREVENT OR MINIMIZE STORM WATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES. THESE POLLUTAGES INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. (Schedule A.T.e.I.(2)).

JOB NO:119-004

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(Schedule A.12.c.iv and v)

SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS.

THE ESCP MUST BE ACCURATE AND REFLECT THE SITE CONDITIONS.

(Schedule A.12.c.i)

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RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR MUNICIPALITY. DURING ACTIVE PERIODS OF GREATER THAN SEVEN(7) CONSECUTIVE CALENDAR DAYS, THE ABOVE RECORDS MUST BE RETAINED BY THE PERMIT REGISTRANT BUT DO NOT NEED TO BE AT THE CONSTRUCTION SITE. (Schedule B.2.c)

T REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL OR PRACTICES DESCRIBE THE THE ESCP IS A VIOLATION OF THE PERMIT. (Schedule A

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INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 12000 PERMIT REQUIREMENTS ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200C PERMIT REQUIREMENTS. (Schedule A.12.b and Schedule B.1)

HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (SCHEDULE A.B.C.I.(3))

STANDARD EROSION AND

SEDIMENT NOTES:

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PLAN DRAWING

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(Schedule B.1.c and B.2)

IDENTIFY, MARK AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS (Schedule A.B.C.I.(1) and (2))

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CONTROL SEDIMENTS AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY (Schedule A. 7.d.i).

ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (Schedule A.B.c.i.(6)).

APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UN-VEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS. (Schedule A.B.C.II(3)).

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18. PREVENT TRACKING OF SEDIMENT INTO PUBLIC OR PRIVATE ROADS USING BMP'S SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXISTS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMP'S MUST BE IN PLACE PRIOR TO LAND DISTURBING ACTIVITIES. (Schedule a.7.d.ii and A.8.c.i(4)).

WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (Schedule A. 7.D.II(5)).

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705 SOUTH 4TH STREET P.O. BOX 118 COOS BAY, OREGON 97420

PHONE: (541) 267-2872 (541) 267-0588 FAX: X:\2019 Proj\119-004 Gayeweski 1200C\1200-C\119-004 Gayewski-ErosionControl.dwg

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STANDARD EROSION AND CONTROL PLAN DRAWING SEDIMENT NOTES: (cont.)

- 22. MPLEMENT THE FOLLOWING BMP'S WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES. SPILL KITS IN ALL WHIGLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (Schedule A.7.e.iii).
- 23. USE WATER, USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL (Schedule A.7.a.iv).
- 24. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCICALION WHEN USING TIME-RELEEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (Schedule EXERCISE
- 25 IF AN ACTIVE TREATMENT SYSTEM (I.E., ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE, DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN PLAN APPROVAL BEFORE OPERATION THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (Schedule A.9.d).
- 26. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING TIMES OF THE YEAR. (Schedule A.7.b) WEEKENDS, IF AT ALL
- 28. 27. AS NEEDED BASED UPON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY, SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (Schedule A.7.e.II.(2)).
- 29. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND BARE GROUND ACTIVITIES DURING WEATHER. (Schedule A.7.0.i).
- 30. SEDIMENT FENCE: REMOVED TRAPPED SEDIMENT BEFORE IT REACHES ON HEIGHT AND BEFORE FENCE REMOVAL. (Schedule A.9.c.i.). OTHER THIRD 유 표 ABOVE GROUND
- SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (Schedule A.S.c.i.). REACHES TWO INCHES
- 31 . CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SI BASINS AND SEDIMENT TRAPS REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (Schedule A.9.c.iii & iv). SEDIMENT
- 32 WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE MUST REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEANUP SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED 1 TI BE
 JP OF SEDIME
 TIMEFRAME. F SEDIMENT

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DESIGNED BY

MVC

APRIL 2019

ABM ABM

UNLIKELY DUE TO FROZEN CONDITIONS

MONTHLY, RESUME MONITORING IMMEDIATELY UPON MELT, OR WHEN DISCHARGES ARE LIKELY

JOB NO:119-004 JOB NAME: REVISED: DATE CHECKED BY DRAWN BY:

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33. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (Schedule

- THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD A FOR 30 DAYS OR MORE. (Schedule A.7.f.L.) ALL CONSTRUCTION ACTIVITIES CEASE
- PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A

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35.

34.

IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION	PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER
ONCE EVERY MONTH	INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS
ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NICCESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING SITE.	PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY.
AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURING.	
DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING.	ACTIVE PERIOD
MINIMUM FREQUENCY	SITE CONDITIONS
DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED, ONCE CONSTRUCTION IS COMPLETE AND THE STABLIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. (Schedule A.B.c.iii(1) and D.3.c.ii and iii).	OTHER COVER OF EXPOSED AREAS IS ESTABLISHED, ONG SITE IS STABLISHED, ONG SITE IS STABLISHED, ONG SITE IS STABLIZED, ALL TEMPORARY EROSION CONTROLS REMOVED AND DISPOSED OF PROPERLY, UNLESS DOING S REQUIREMENTS. (Schedule A.B.c.iii(1) and D.3.c.ii and iii).
TH A COVERING OF BLOWN STRAW AND A COVERING OF COMPOST MUCH UNTIL WORK chedule A.7.f.ii.).	ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKHFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MUCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (Schedule A.7.f.ii.)

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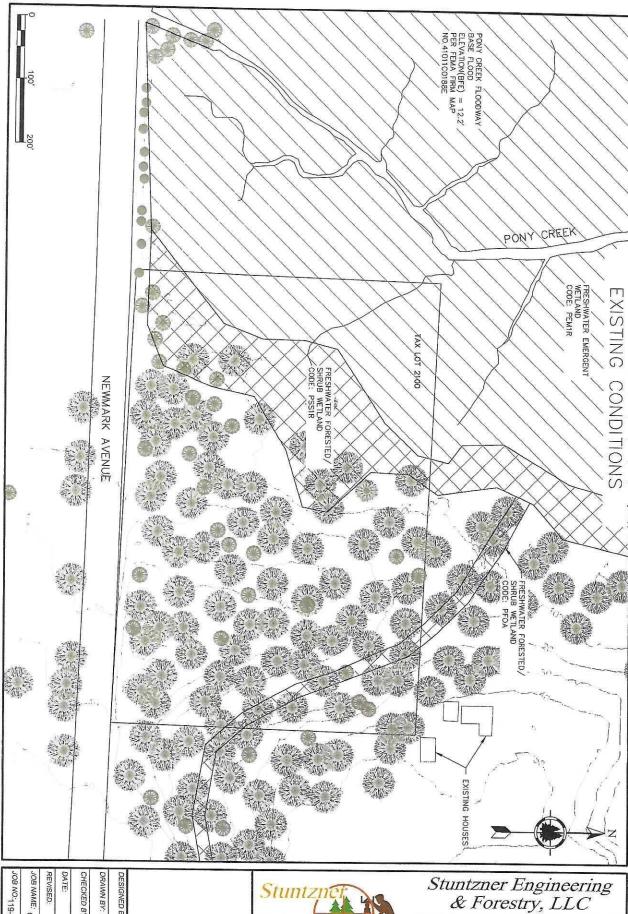
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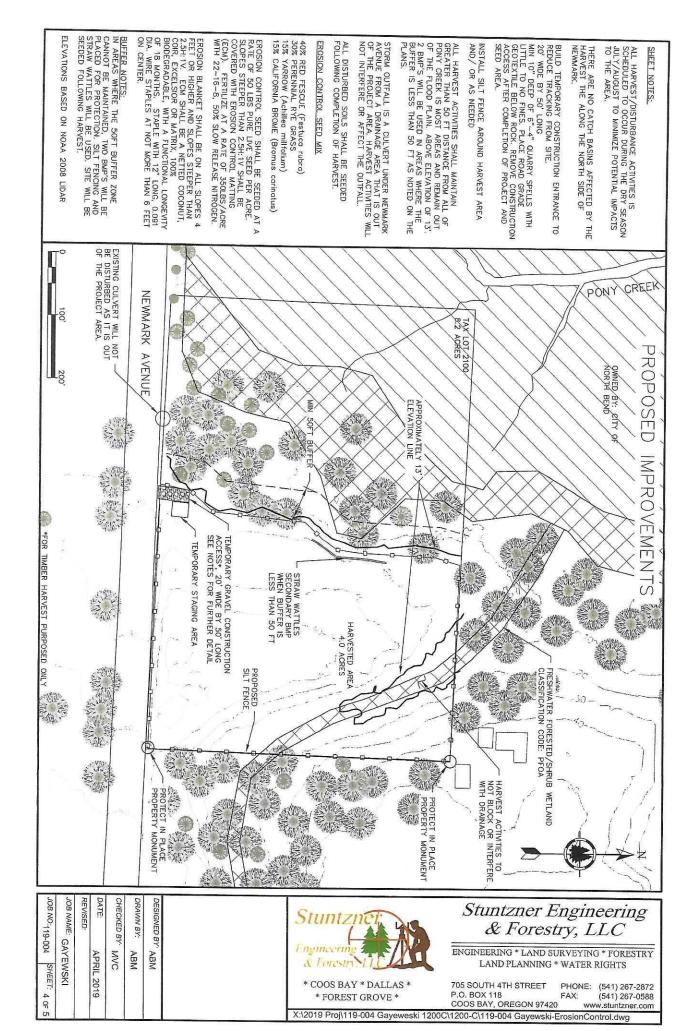


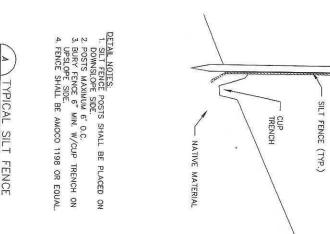
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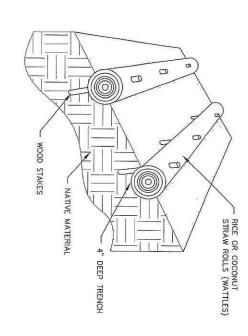
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SCALE: NTS TYPICAL

DETAIL NOTES
1. INSTALL INTO SHALLOW TRENCHES DOWNSLOPE SIDE.
2. STAKES MAXIMUM 6' O.C.



SCALE: NTS TYPICAL STRAW WATTLE

SHEET NOTES:
EROSION CONTROLS CHOSEN ARE
TEMPORARY DUE TO THE CONDITION THAT
THE SITE WILL BE STABILIZED WITH AN
APPROVED SEED MIXTURE UPON
COMPLETION OF TIMBER HARVEST.

JOB NO:119-004	JOB NAME: GAYEWSKI	REVISED:	DATE:	CHECKED BY:	DRAWN BY:	DESIGNED BY: ABM
04 SHEET: 5 OF S	AYEWSKI		APRIL 2019	MVC	ABM	ABM



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