



REPLACEMENT ROOSEVELT MIDDLE SCHOOL

CONSTRUCTION DOCUMENTS PACKAGE EC FEBRUARY 18, 2015

PACKAGE EC
DISCIPLINE

EROSION CONTROL



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EUGENE SCHOOL DISTRICT 4J



REPLACEMENT ROOSEVELT
MIDDLE SCHOOL
CIP NUMBER 410.566.001
680 EAST 24TH AVENUE
EUGENE, OREGON 97405

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EROSION AND SEDIMENT CONTROL PLANS

ROOSEVELT MIDDLE SCHOOL

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-C EUGENE EROSION PREVENTION PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-C EUGENE EROSION PREVENTION PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-C EUGENE EROSION PREVENTION PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES

- 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.8.C.I.(3))
- ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS.
- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION. (SCHEDULE B.2.A)
- ALL PERMIT REGISTRANTS MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SCHEDULE A.8.A)
- THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, UPGRADE THESE MEASURES AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS. (SCHEDULE A.8.C.I.(1)(C))
- 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. (SCHEDULE A.12.II.II)
- PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SCHEDULE A.8.C.I.(1)(D))
- IDENTIFY, MARK, AND PROTECT (BY FENCING OFF OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. 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.8.C.I.(1) & (2))
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SCHEDULE A.7.B.III(1) AND A.7.B.III(3))
- EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERIMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM DRAIN INLETS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS.(SCHEDULE A.7.D.I & A.8.C)
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SCHEDULE A.8.C.I.(6))
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS. (SCHEDULE A.8.C.II.(2))
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SCHEDULE A.8.C.I.(7))
- PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPS SUCH AS: GRAVELED (OR PAVED) EXITS AND PARKING AREAS; GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPS MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. (SCHEDULE A.7.D.II.(1) 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.(3))
- USE BMPS TO PREVENT OR MINIMIZE STORMWATER 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, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS. (SCHEDULE A.7.E.I.(2))

CITY OF EUGENE CSMP GENERAL NOTES

- PRIOR TO ANY GROUND DISTURBANCE ON THE SITE ONE INSPECTION WITH EROSION PREVENTION STAFF IS REQUIRED.
- THE CONSTRUCTION SITE MANAGEMENT PLAN DOES NOT AUTHORIZE CONSTRUCTION ACTIVITIES, GRADING, BUILDING, PEPI, AND OTHER PERMITS MAY BE REQUIRED. ALL OTHER NECESSARY APPROVALS SHALL BE OBTAINED.
- ISSUANCE OF AN EROSION PREVENTION PERMIT APPROVES PROTECTION MEASURES, NOT CONSTRUCTION OR GROUND DISTURBING ACTIVITIES. IT DOES NOT RELIEVE THE PERMIT HOLDER AND/OR THE CONTRACTOR FROM OTHER PERMITTING REQUIREMENTS.
- CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF THE CITY AMENDED OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND CITY STANDARD DRAWINGS * (*REQUIRED FOR PUBLIC IMPROVEMENT PROJECTS ONLY).
- EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER NATURAL RESOURCE PROTECTION FENCING AND BARRIERS, SHOWN ON THE CSMP ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION, MEASURES SHALL BE UPGRADED, AS NEEDED OR AS DIRECTED BY THE CITY INSPECTOR.
- IMPLEMENTATION OF THE CSMP, INCLUDING CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADE OF EROSION AND SEDIMENT CONTROL MEASURES AND PROTECTION FENCING, IS THE RESPONSIBILITY OF THE PERMIT HOLDER AND/OR THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND VEGETATION/LANDSCAPING IS ESTABLISHED AND APPROVED.
- BOUNDARIES OF THE CLEARING AND GRADING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING CONSTRUCTION, NO DISTURBANCE BEYOND THE FLAGGED CLEARING AND GRADING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE PERMIT HOLDER AND/OR THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION. IN ADDITION, WETLAND AND RIPARIAN AREAS SHALL BE IDENTIFIED AND PROTECTED WITH APPROPRIATE FENCING AS NOTED ON CSMP PRIOR TO CONSTRUCTION AND SHALL NOT BE DISTURBED UNLESS THE PROPER PERMITS ARE OBTAINED.
- EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS CSMP MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE STORMWATER SYSTEM, ROADWAYS, ADJACENT PROPERTY OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. WHEN DESIGNING AND IMPLEMENTING MEASURES, THE PERMIT HOLDER AND/OR THE CONTRACTOR SHALL CONSIDER THE SEASONAL VARIATION OF RAINFALL, TEMPERATURE, AND OTHER CLIMATIC FACTORS RELATIVE TO THE TIMING OF LAND DISTURBANCE ACTIVITIES.
- EROSION AND SEDIMENT CONTROL MEASURES ON ACTIVE SITES SHALL BE INSPECTED AND MAINTAINED DAILY AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD. ANY REQUIRED REPAIRS OR ADJUSTMENTS SHALL BE MADE IMMEDIATELY. THE EROSION AND SEDIMENT CONTROL MEASURES ON INACTIVE SITES SHALL BE INSPECTED A MINIMUM OF ONCE EVERY MONTH AND/OR WITHIN 48 HOURS FOLLOWING STORM EVENTS. ADDITIONALLY, SITES COVERED UNDER DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ) PERMITS (1200-C, 1200-C) MUST COMPLY WITH THOSE PERMIT MONITORING AND RECORD-KEEPING REQUIREMENTS.
- DURING THE WET WEATHER SEASON (OCTOBER 15 TO APRIL 30), ALL EXPOSED SOIL AND STOCKPILE AREAS SHALL BE COVERED, OR OTHERWISE PROTECTED BY A FACILITY (OR COMBINATION OF FACILITIES) THAT RESULT IN NO STORMWATER RUNOFF LEAVING THE SITE DURING A 5-YEAR STORM EVENT. FOR DEVELOPMENT SITES OVER 40 ACRES, THE DESIGN STORM SHALL BE A 10-YEAR STORM EVENT CONSISTENT WITH AN APPROVED CSMP.

- IMPLEMENT THE FOLLOWING BMPS 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. (SCH A 7.E.III.)
- USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SCHEDULE A.7.B.II)
- 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-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SCHEDULE A.9.B.III)
- IF A STORMWATER TREATMENT SYSTEM (FOR EXAMPLE, 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 OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN 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)
- AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPS MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SCHEDULE A.7.E.II.(2))
- CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND DURING WET WEATHER. (SCHEDULE A.7.A.I)
- SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SCHEDULE A.9.C.I)
- 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.II)
- CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT 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)
- 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 RECCURENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP 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. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SCHEDULE A.9.B.II)
- 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 TRACKER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SCHEDULE A.7.F.II)
- PROVIDE PERMANENT EROSION CONTROL MEASURES ON ALL EXPOSED AREAS. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. HOWEVER, DO REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AS EXPOSED AREAS BECOME STABILIZED, UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMPS. (SCHEDULE A.7.B.II(2) AND A.8.C.II)

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS

TOTAL SITE AREA = 590,149 SF = 13.55 ACRES

EXISTING SCHOOL BUILDING, TENNIS COURTS AND RECREATIONAL FIELDS

DEVELOPED CONDITIONS

TOTAL DISTURBED AREA = 300,500 SF = 6.90 ACRES

SITE SOIL CLASSIFICATION:

PROPOSED SCHOOL BUILDING, PARKING LOT, RECREATIONAL FIELDS

- THE PROJECT COVERS A LARGE AREA CONSISTING OF ONE SOIL TYPE THAT IS CLASSIFIED AS HYDROLOGIC SOIL GROUP D. THE EROSION POTENTIAL FOR THE SOIL TYPE IS MODERATE TO MODERATELY HIGH.

- NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE**
- SITE CLEARING AND GRUBBING (APRIL 2015)
 - MASS GRADING (APRIL 2015-MAY 2015)
 - UTILITY INSTALLATION (MAY 2015 - SEPTEMBER 2016)
 - BUILDING CONSTRUCTION (MAY 2015 - AUGUST 2016)
 - SITE PAVING (JUNE 2016 - SEPTEMBER 2016)
 - LANDSCAPING (JUNE 2016 - SEPTEMBER 2016)
 - FINAL STABILIZATION (SEPTEMBER 2016)

RECEIVING WATER BODIES:

WILLAMETTE RIVER



PROJECT LOCATION

SOUTH SIDE OF E. 24TH AVE BETWEEN HILYARD ST. AND AMAZON PARKWAY, EUGENE, OREGON

LATITUDE = 44° 1'57.90" N, LONGITUDE = 123° 5'2.57" W

PROPERTY DESCRIPTION

TAX LOT 0100 (LANE COUNTY) LOCATED IN SECTION 5, TOWNSHIP 18 SOUTH, RANGE 3 WEST, WILLAMETTE MERIDIAN, LANE COUNTY, OREGON.

FLOOD NOTE

THE PROJECT SITE IS WITHIN FLOOD ZONE X, WHICH IS THE AREA DETERMINED TO BE OUTSIDE OF THE 500-YEAR FLOODPLAIN, AND FLOOD ZONE AE FLOODWAY, WHICH IS DETERMINED TO BE INSIDE THE 100-YEAR FLOODPLAIN, PER FEMA FLOOD ZONE MAP 41039C1137 F. NO DEVELOPMENT WILL OCCUR WITHIN THE FLOOD ZONE AE FLOODWAY.

PERMITEE'S SITE INSPECTOR

NAME: TBD
 COMPANY/AGENCY: TBD
 PHONE: _____
 FAX: _____
 E-MAIL: _____
 DESCRIPTION OF EXPERIENCE: TBD

SHEET INDEX

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EC-102	EROSION & SEDIMENT CONTROL BMP MATRIX & NOTES
EC-201	EROSION & SEDIMENT CONTROL PLAN-PHASE 1
EC-202	EROSION & SEDIMENT CONTROL PLAN-PHASE 2
EC-301	EROSION & SEDIMENT CONTROL DETAILS
EC-302	EROSION & SEDIMENT CONTROL DETAILS

INSPECTION FREQUENCY

SITE CONDITION	MINIMUM FREQUENCY
1. ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING. AT LEAST ONCE EVERY TWO WEEKS, REGARDLESS OF WETHER STORMWATER RUNOFF IS OCCURRING
2. 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 PRIOR TO LEAVING THE SITE.
3. INACTIVE PERIODS GREATER THAN SEVEN (14) CONSECUTIVE CALENDAR DAYS.	ONCE EVERY TWO WEEKS.
4. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER.	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION.

- HOLD A PRE-CON MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE EC INSPECTOR.
- ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH THE 1200-C EUGENE EROSION PREVENTION PERMIT REQUIREMENTS.
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH THE 1200-C PERMIT REQUIREMENTS
- CHANGES TO THE APPROVED ESCP SHALL BE SUBMITTED TO THE CITY OF EUGENE, PUBLIC WORKS, AS DESIGNATED AGENTS FOR DEQ, IN THE FORM OF AN ACTION PLAN AND MAP.



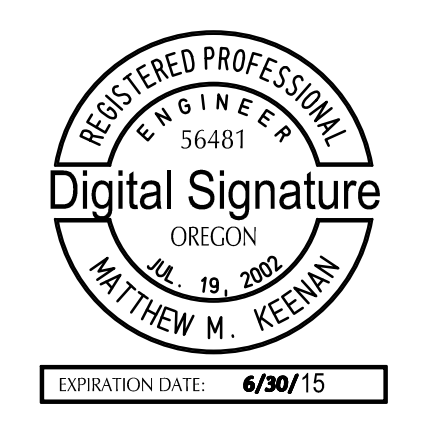
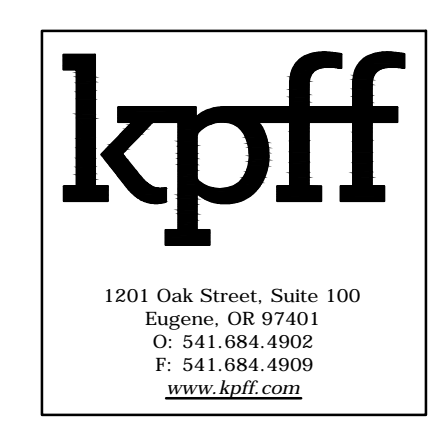
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EROSION & SEDIMENT CONTROL COVER SHEET & NOTES

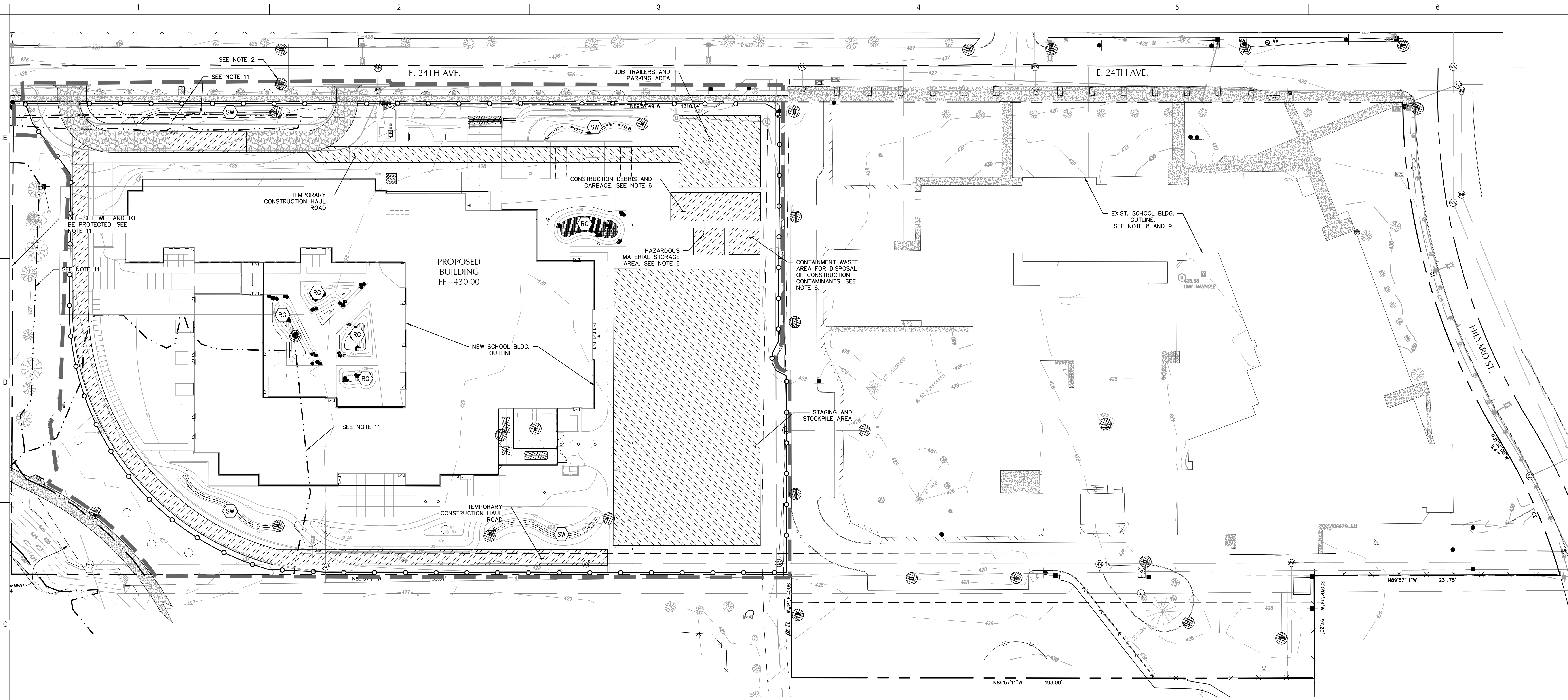


BMP MATRIX FOR CONSTRUCTION PHASES

REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S

BMP's	Year:	2015												2016								
	Month:	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9			
Before Construction																						
Identify & Protect critical areas vegetation to be preserved		X																				
Pre-construction meeting		X																				
Stabilize entrances, roads, & parking areas		X																				
Install perimeter controls and inlet protection		X																				
Establish concrete wash		X																				
Establish non-stormwater controls																						
Construct primary runoff control measures																						
During Construction																						
Temporary Seeding and Planting			X	X	X	X	X	X														
Permanent Seeding and Planting																X	X	X	X			
Compost socks		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Sediment fencing		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Straw Wattles (loose compaction rice straw)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Storm drain inlet protection		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Final Stabilization																						
Dewatering (treatment location, schematic, and sampling plan required)																						
Paving operations controls		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Concrete truck washout		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Plastic Sheeting								X	X	X	X	X	X	X	X							
Stockpile sediment fencing		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Stabilized soils at end of shift & before weekends & holidays		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Trucking saturated soils off site must be water-tight or loads drained on site		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Re-vegetate areas as construction completed		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
No illicit connection		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
No illegal discharge		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Proved permanent erosion prevention measures																			X			
Remove sediment, waste, and construction materials																			X			
Remove temporary control measures																			X			

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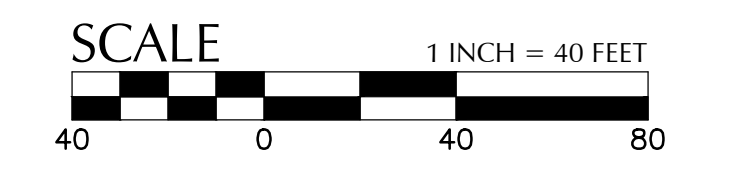
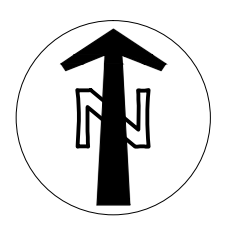
- CONTRACTOR TO CREATE HAUL ROADS OR WORKING AREAS FOR ALL EQUIPMENT TO PREVENT PUMPING AND FILING OF EXISTING SUBGRADE. ANY DISTURBED OR RUTTED SUBGRADE MUST BE COVERED WITH SEPARATION FABRIC, AND THEN BACKFILL WITH 24" OF GRANULAR MATERIAL.
- INSTALL INLET PROTECTION ON ALL INLETS WITHIN 200' OF THE LIMITS OF DISTURBANCE.
- PROTECT PROPOSED STORMWATER FACILITIES FROM DISTURBANCE. IF CONSTRUCTION REQUIRES AREA TO BE DISTURBED, EXCAVATE A MINIMUM OF 18" BELOW DISTURBED GRADE AND SCARIFY SUBGRADE BACK TO ORIGINAL CONDITION OR BETTER.
- DURING THE WET WEATHER SEASON (OCTOBER 15 TO APRIL 30), ALL EXPOSED SOIL AND STOCKPILE AREAS SHALL BE COVERED. STABILIZE ALL EXPOSED SOILS WITH SEEDING, MULCH, MATS, OR PLASTIC SHEETING WITH ANCHORS. SEE NOTE 10 OF CITY OF EUGENE CSMP GENERAL NOTES ON ECI.0 AND THE WET WEATHER STANDARDS BMP FACT SHEET PROVIDED BY THE CITY OF EUGENE.
- EROSION CONTROL INSPECTOR TO DETERMINE IF CONSTRUCTION DEWATERING IS NECESSARY AT TIME OF CONSTRUCTION. CONTRACTOR TO PROVIDE DEWATERING AS NECESSARY FOR CONSTRUCTION AS REQUIRED BY THE CITY OF EUGENE OR THE PROJECT ENGINEER. SEDIMENT LADEN WATER FROM DEWATERING OPERATIONS TO BE DIRECTED TO A DEWATERING FACILITY. DEWATERING FACILITY TO BE SIZED AND DESIGNED TO ACCOMMODATE THE VOLUME OF WATER TO BE TREATED. DEWATERING FACILITY SIZE, TYPE, AND LOCATION TO BE APPROVED BY THE CITY OF EUGENE PRIOR TO CONSTRUCTION. CONTRACTOR TO DETERMINE THE DETAILS OF THE CONSTRUCTION DEWATERING SYSTEM, INCLUDING NUMBER OF HOSES USED, TYPE OF FILTRATION SYSTEM, AND SIMILAR ATTRIBUTES.
- CONTAMINANTS, CHEMICALS AND HAZARDOUS MATERIALS SHALL BE HYDRAULICALLY ISOLATED FROM STORM RUNOFF THROUGH PLASTIC SHEETING AND BERMS. CONTRACTOR SHALL PREPARE HAZARDOUS MATERIAL SPILL CONTAINMENT PLAN FOR APPROVAL BY CITY OF EUGENE INSPECTOR. ALL HAZARDOUS MATERIAL, CONSTRUCTION DEBRIS AND GARBAGE SHALL BE DISPOSED OF APPROPRIATELY AT A LANDFILL. DISPOSAL MUST MEET ALL CITY OF EUGENE AND DEQ REQUIREMENTS.
- AFTER CONSTRUCTION, RESTORE ANY OFF-SITE CONSTRUCTION OR STAGING AREAS TO ORIGINAL CONDITION OR BETTER. PERMANENT PLANTING TO BE APPROVED BY LAND OWNER AND LANDSCAPE ARCHITECT.
- EXISTING SCHOOL WILL REMAIN IN SERVICE UNTIL SUMMER 2016. PROTECT EXISTING SCHOOL BUILDING, SITE PAVING AND UTILITY SERVICES. DO NOT INTERRUPT SCHOOL UTILITY SERVICES OR BLOCK SCHOOL BUILDING ENTRANCES.
- EXISTING PEDESTRIAN AND SCHOOL ACCESS TO BE PROTECTED AND TO REMAIN OPEN DURING CONSTRUCTION. PROVIDE ADEQUATE ACCESS SIGNAGE, AS APPROVED BY THE SCHOOL DISTRICT.
- SEE GRADING PLAN FOR PROPOSED CONTOURS AND GRADING.
- SOME DELINEATED WETLANDS TO BE FILLED. SEE JPA PERMIT FOR WETLAND PROTECTION AND FILL.
- SEE SITE DEMOLITION PLAN FOR TREE REMOVAL & PROTECTION.

SHEET LEGEND

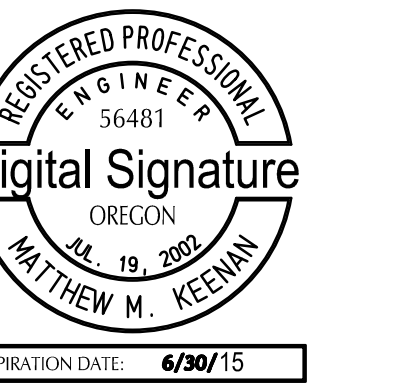
- EXISTING CONTOUR (dashed line with 425)
- PROPOSED CONTOUR (solid line with 425)
- INLET PROTECTION (circle with '1')
- LIMITS OF DISTURBANCE (thick dashed line)
- CONCRETE WASHOUT. INSTALL 20' FROM ANY STORM FACILITY OR INLET. DO NOT INSTALL ON PAVEMENT. (circle with '1')
- CONSTRUCTION ENTRANCE (circle with '2')
- CONSTRUCTION ACCESS, MATERIAL AND EQUIPMENT STORAGE AND STAGING. TYPE AS SHOWN. INSTALL 24" OF GRANULAR FILL OVER SEPARATION FABRIC. (hatched area)
- PERMANENT FILTRATION RAIN GARDEN. SEE NOTE 3. (circle with 'RG')
- PERMANENT SWALE. SEE NOTE 3. (circle with 'SW')
- WETLAND AREA PROPOSED TO BE FILLED. SEE NOTE 11. (hatched area)
- 6" TEMPORARY CHAIN LINK CONSTRUCTION FENCE W/STRAW WATTLES (circle with '2')
- DELINEATED WETLAND BOUNDARY (dotted line)

MARK	DATE	DESCRIPTION
ISSUE DATE:	FEBRUARY 18, 2015	
ISSUE:	CONSTRUCTION DOCUMENTS	
VOLUME:	PACKAGE EC	
PROJECT NO.:	2013912.00	
DRAWN BY:	AB, AF	
CHECKED BY:	MK	

EROSION & SEDIMENT CONTROL PLAN - PHASE 1



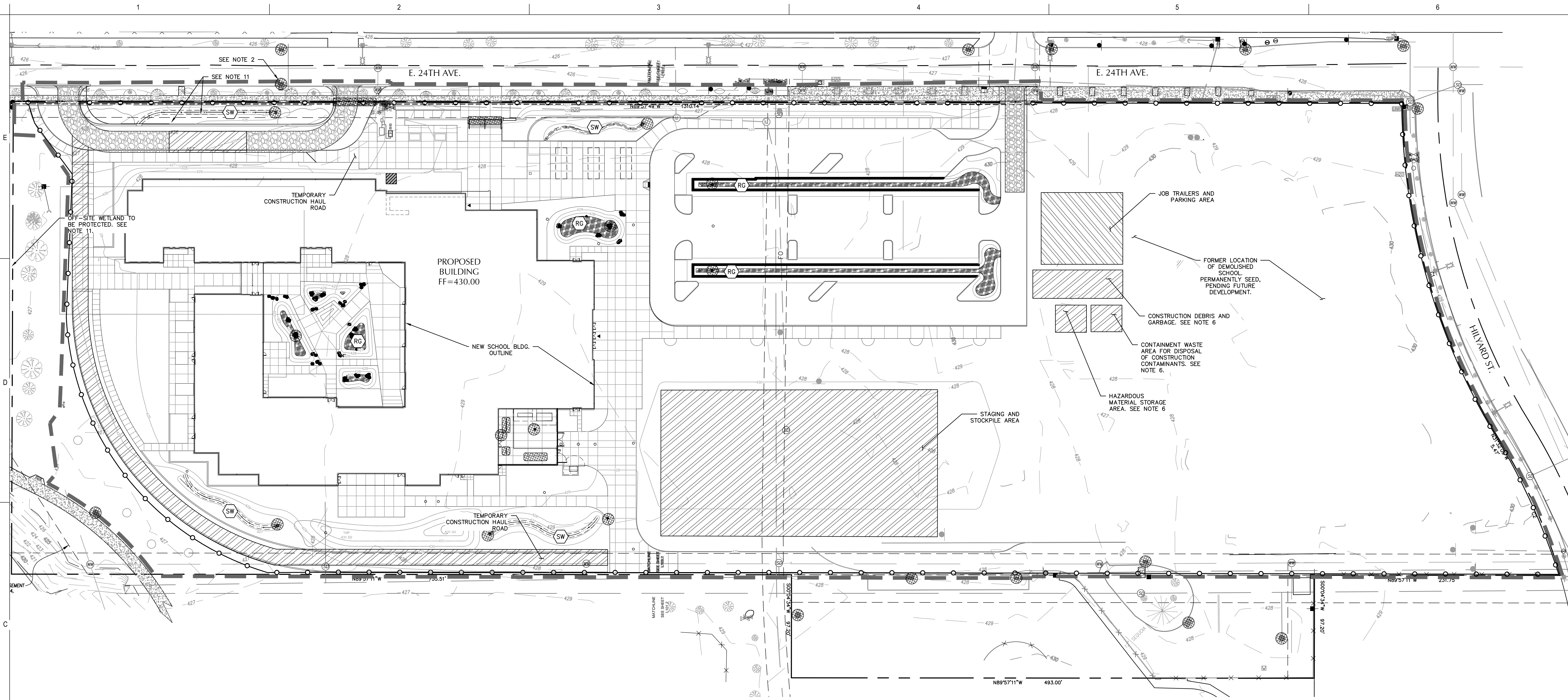
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 Plot Date: 2/17/15 9:40am
 Plotter: HP DesignJet 5000 Series
 Plot Scale: 1/4" = 40'-0"
 Plot Orientation: Landscape
 Plot Range: Window
 Plot Style: Default.ctb
 Plot Color: Black
 Plot Lineweight: 0.20
 Plot Linetype: Solid
 Plot Font: Arial, 10
 Plot Title: EC-201



EUGENE SCHOOL DISTRICT 4J



REPLACEMENT ROOSEVELT
MIDDLE SCHOOL
CIP NUMBER 410.566.001
680 EAST 24TH AVENUE
EUGENE, OREGON 97405
CIP NUMBER 410.566.001

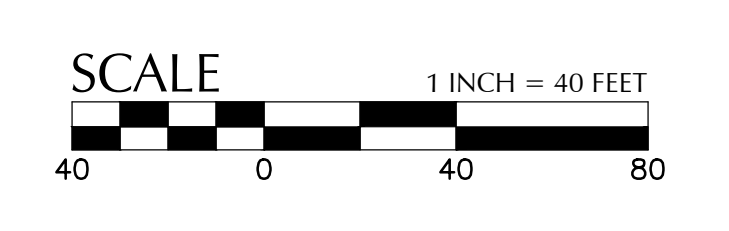
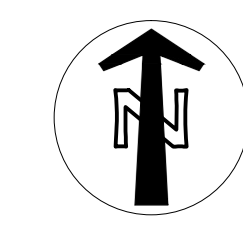


SHEET NOTES

- CONTRACTOR TO CREATE HAUL ROADS OR WORKING AREAS FOR ALL EQUIPMENT TO PREVENT PUMPING AND FAILING OF EXISTING SUBGRADE. ANY DISTURBED OR RUTTED SUBGRADE MUST BE EXCAVATED, COVERED WITH SEPARATION FABRIC, AND THEN BACKFILL WITH 24" OF GRANULAR MATERIAL.
- INSTALL INLET PROTECTION ON ALL INLETS WITHIN 200' OF THE LIMITS OF DISTURBANCE.
- PROTECT PROPOSED STORMWATER FACILITIES FROM DISTURBANCE. IF CONSTRUCTION REQUIRES AREA TO BE DISTURBED, EXCAVATE A MINIMUM OF 18" BELOW DISTURBED GRADE AND SCARIFY SUBGRADE BACK TO ORIGINAL CONDITION OR BETTER.
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- SEE GRADING PLAN FOR PROPOSED CONTOURS AND GRADING.
- SOME DELINEATED WETLANDS TO BE FILLED. SEE JPA PERMIT FOR WETLAND PROTECTION AND FILL.
- SEE SITE DEMOLITION PLAN FOR TREE REMOVAL & PROTECTION.

SHEET LEGEND

	EXISTING CONTOUR
	PROPOSED CONTOUR
	INLET PROTECTION
	LIMITS OF DISTURBANCE
	CONCRETE WASHOUT. INSTALL 20' FROM ANY STORM FACILITY OR INLET. DO NOT INSTALL ON PAVEMENT.
	CONSTRUCTION ENTRANCE
	CONSTRUCTION ACCESS, MATERIAL AND EQUIPMENT STORAGE AND STAGING. TYPE AS SHOWN. INSTALL 24" OF GRANULAR FILL OVER SEPARATION FABRIC.
	PERMANENT FILTRATION RAIN GARDEN. SEE NOTE 3.
	PERMANENT SWALE. SEE NOTE 3.
	6" TEMPORARY CHAIN LINK CONSTRUCTION FENCE W/STRAW WATTLES
	DELINEATED WETLAND BOUNDARY



MARK DATE DESCRIPTION

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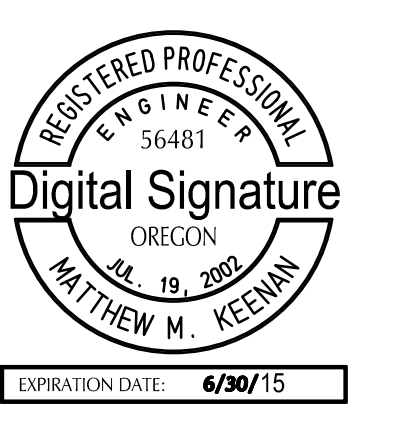
EROSION & SEDIMENT CONTROL PLAN - PHASE 2

EC-202

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Plotted: 05/12/15 10:35:24 AM
PLOT FILE: 05/12/15 10:35:24 AM



1201 Oak Street, Suite 100
Eugene, OR 97401
O: 541.684.4902
F: 541.684.4900
www.kpff.com



INLET PROTECTION

Site Conditions Where Types Are Appropriate	TYPE					
	1	2	3	4	5	6
Area Drain, Soil	Y	Y	Y	Y	Y	Y
Area Drain, Pavement	N	Y	Y	Y	Y	N
Ditch Inlet, Soil	Y	N	Y	Y	N	Y
Ditch Inlet, Pavement	N	N	Y	Y	N	N
Grate Inlet Along Curb, Soil	N	Y	Y	Y	Y	Y
Grate Inlet Along Curb, Pavement	N	Y	Y	Y	Y	N
Curb Opening Inlet, Soil	N	N	N	Y	Y	Y
Curb Opening Inlet, Pavement	N	N	N	Y	Y	N

For Inlet Protection Types 4 and 5 see RD1015 and RD1020.

NOTE: The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
INLET PROTECTION (TYPE 1, 2 & 3)
2008
DATE: NEWEST REVISION

Effective Date: December 1, 2012 - May 31, 2013 RD1010

1 INLET SEDIMENT PROTECTION
SCALE: NTS

SECTION A - A

ROADWAY

2% OR GREATER

SUBGRADE GEOTEXTILE

SPILLWAY

NOTE: USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED.

STRAW BALES, SANDBAGS, OR CONTINUOUS BERM OF EQUIVALENT HEIGHT

SUPPLY WATER TO WASH WHEELS IF NECESSARY

3" OPEN GRADED AGGREGATE MIN. 6" THICK

12' MIN.

50' MIN.

PLAN

ROADWAY

30%

FLOW

FLOW

FLOW

FLOW

CONSTRUCTION ENTRANCE

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. SITES LARGER THAN 1 ACRE REQUIRE THE CONSTRUCTION ENTRANCE BE A MINIMUM OF 100' IN LENGTH.

CITY OF EUGENE STANDARD DRAWING AMENDMENT

CONSTRUCTION ENTRANCE

DATE	REVISIONS	DESCRIPTION
10/9	REFORMAT TITLE	
	NEW NOTE 4	

CRD1000-1

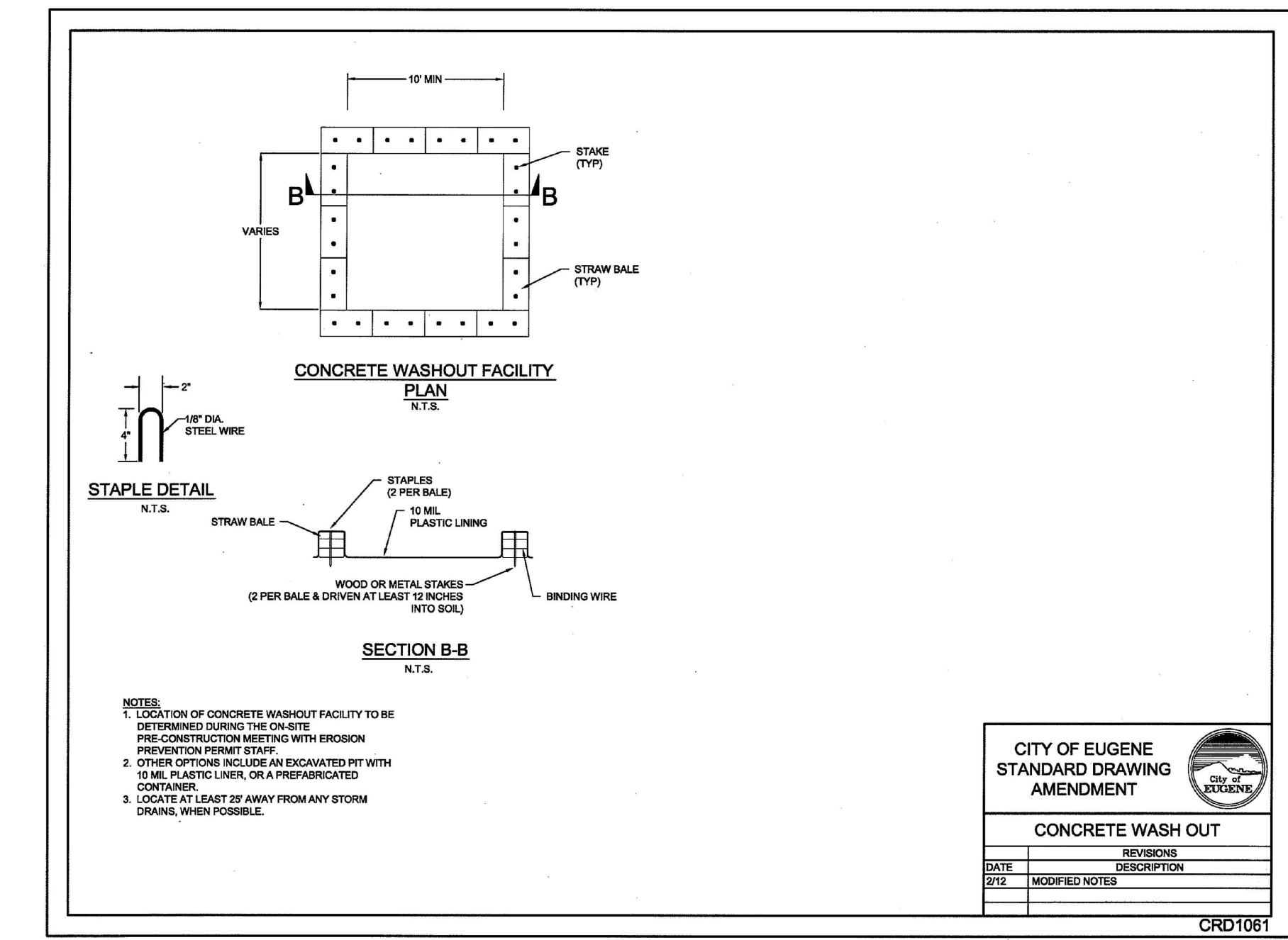
2 CONSTRUCTION ENTRANCE
SCALE: NTS

MARK	DATE	DESCRIPTION
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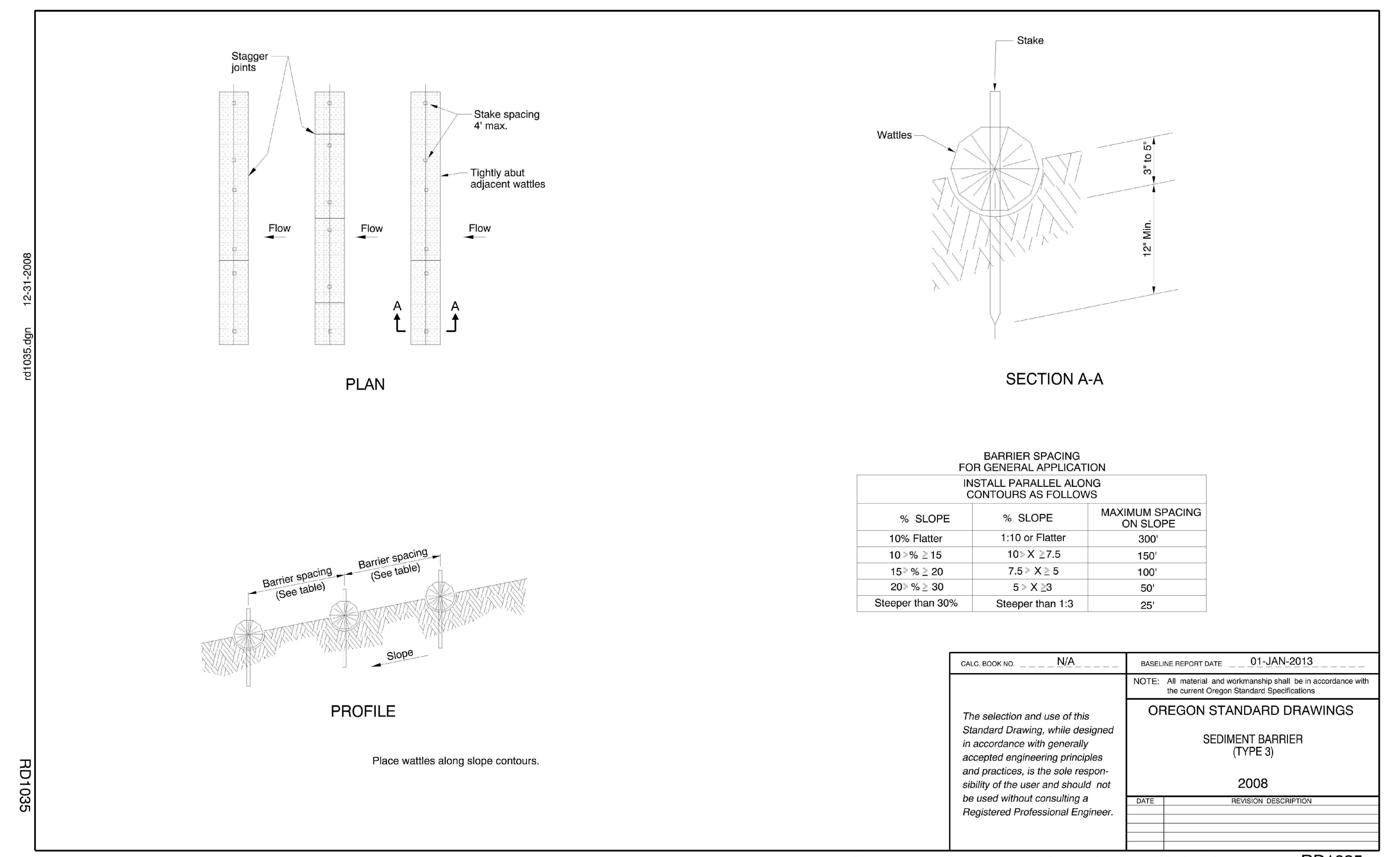
ISSUE DATE: FEBRUARY 18, 2015
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EROSION & SEDIMENT CONTROL DETAILS

File: G:\A\A\2013\313832 - Rosemeath Middle School\CAD\Plot\200-C\3832-03EC-01.dwg TAB: EC-301
 Plot: 2/17/15 at 9:46am by AB, AF
 User: 3532,lb



1 CONCRETE WASH OUT
SCALE: NTS



2 SEDIMENT BARRIER - STRAW WATTLES
SCALE: NTS

BARRIER SPACING FOR GENERAL APPLICATION INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS

% SLOPE	% SLOPE	MAXIMUM SPACING OR SLOPE
10% Flatter	1:10 or Flatter	300'
10 - % : 15	10 - X : 7.5	150'
15 - % : 20	7.5 - X : 5	100'
20 - % : 30	5 - X : 3	50'
Steeper than 30%	Steeper than 1:3	25'

DATE BOOKING	NR	ISSUE REPORT DATE	01-JAN-2013
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
SEDIMENT BARRIER (TYPE 3)			
DATE	REVISION	DESCRIPTION	

Effective Date: December 1, 2013 - May 31, 2014 RD1035

MARK	DATE	DESCRIPTION
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EROSION & SEDIMENT CONTROL DETAILS