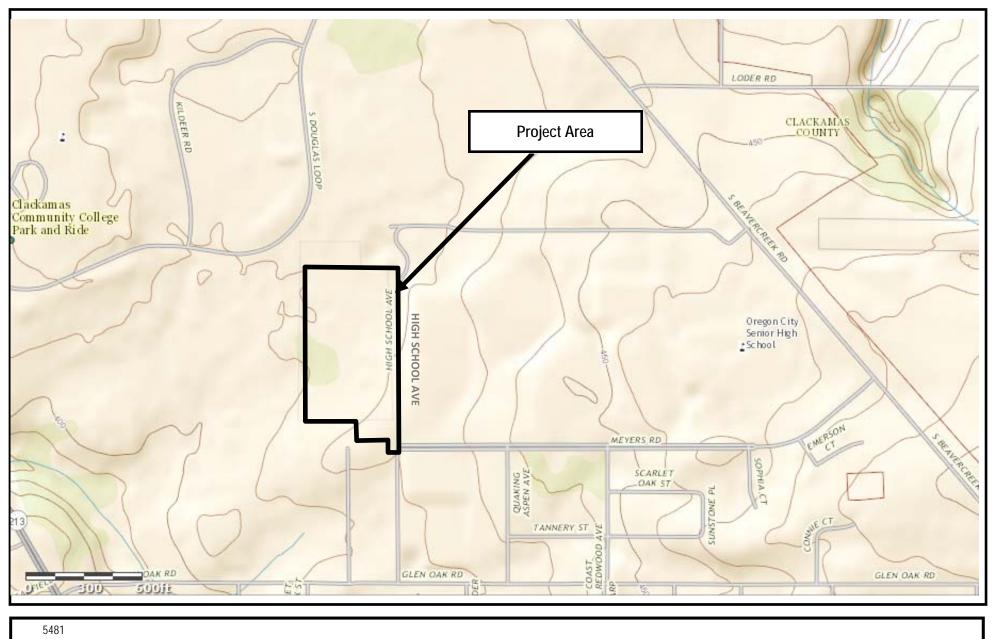
# Appendix A

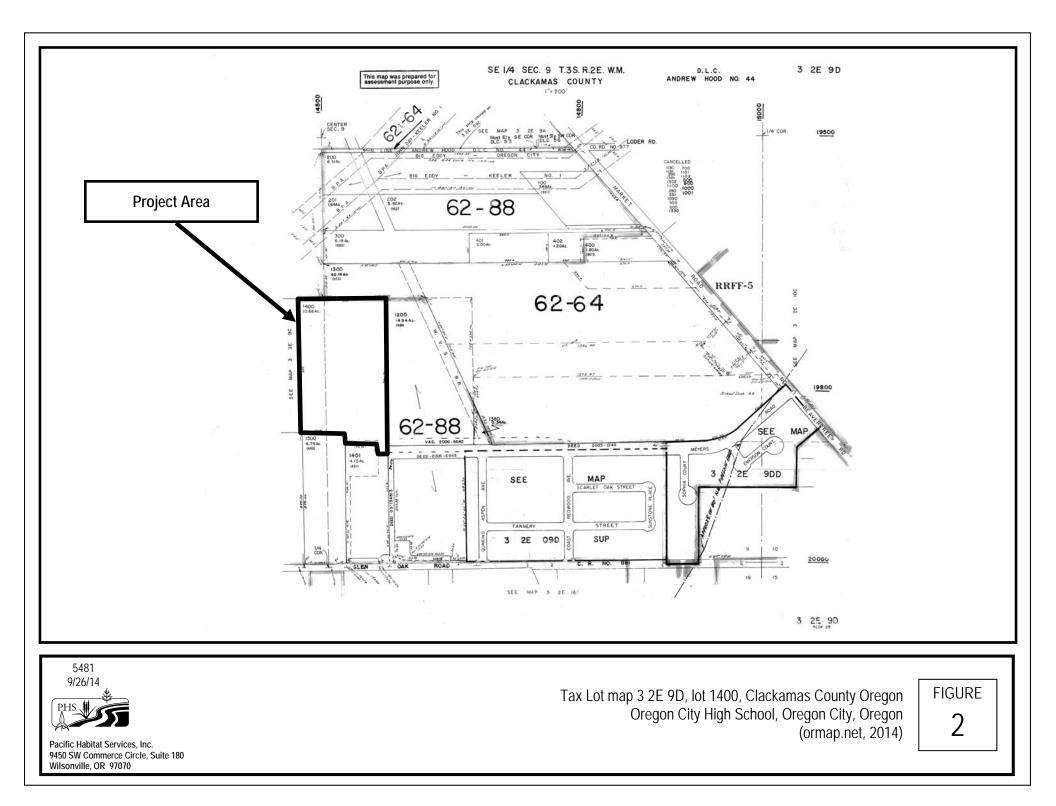
Figures

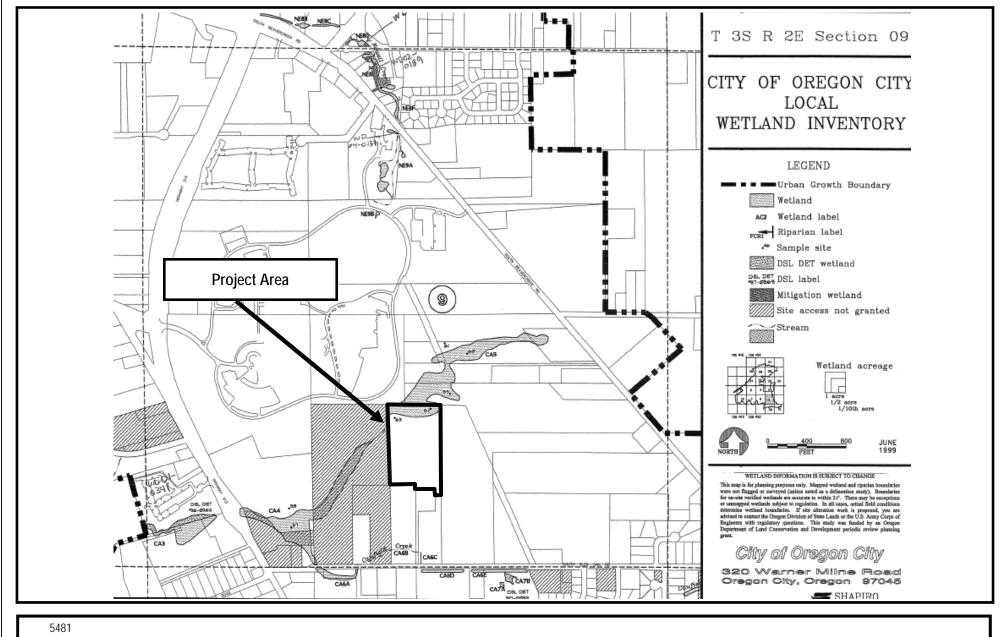




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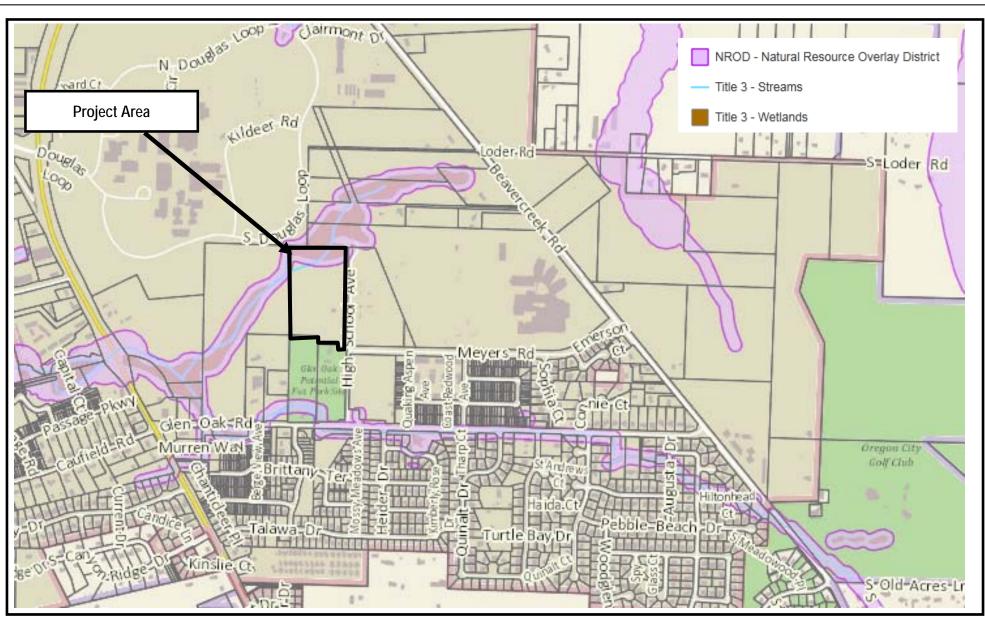
Pacific Habitat Services, Inc. 9450 SW Commerce Circle, Suite 180 Wilsonville, OR 97070 Location and General topography Oregon City High School, Oregon City, Oregon (USGS The National Map Viewer, Oregon City, Oregon quadrangle, 2014) FIGURE 1

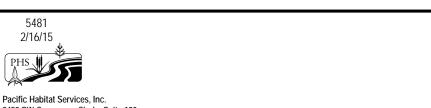




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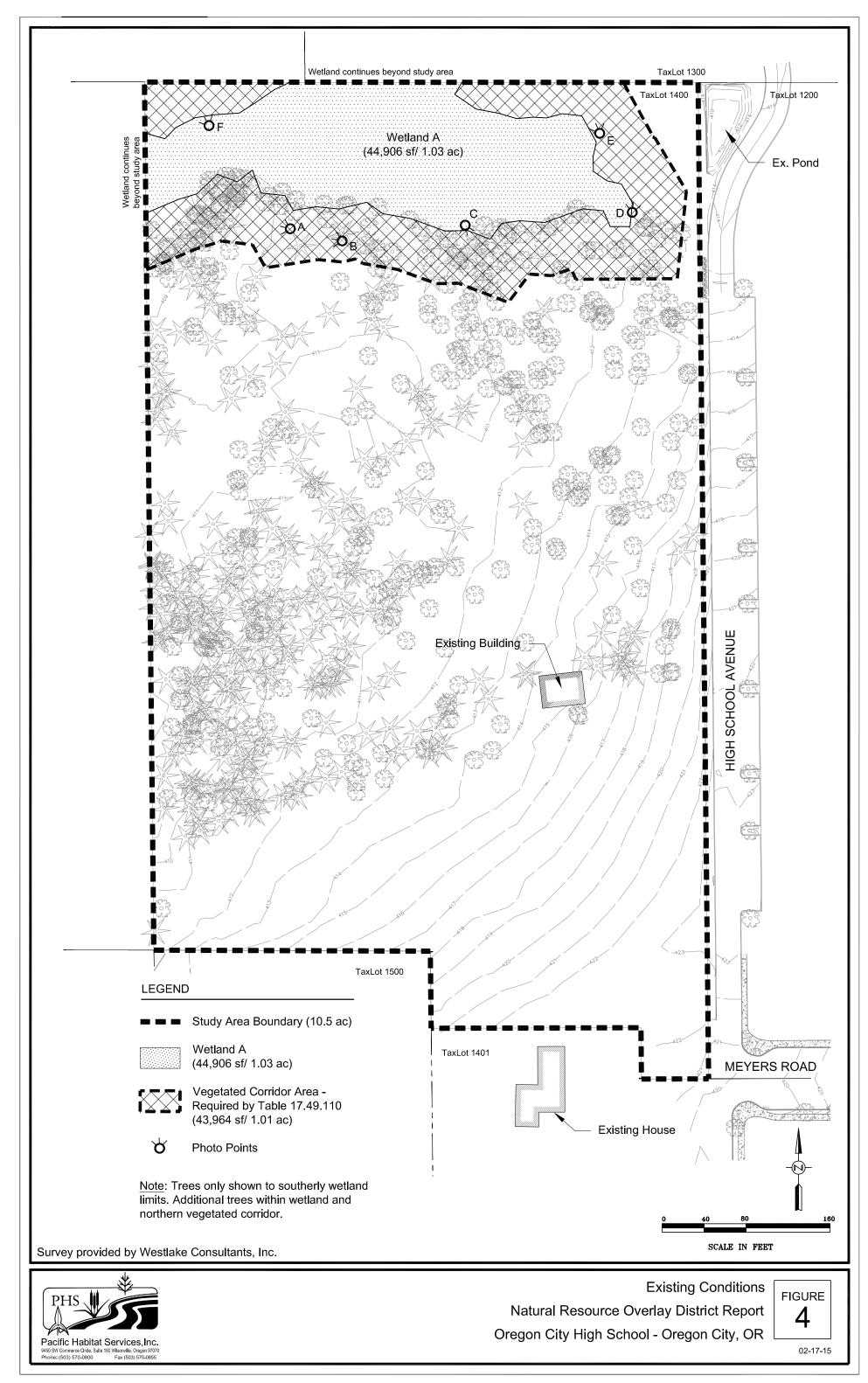
Pacific Habitat Services, Inc. 9450 SW Commerce Circle, Suite 180 Wilsonville, OR 97070 Local Wetlands Inventory map Oregon City High School, Oregon City, Oregon (Shapiro and Associates, Inc., 9/1/1999) FIGURE 3A

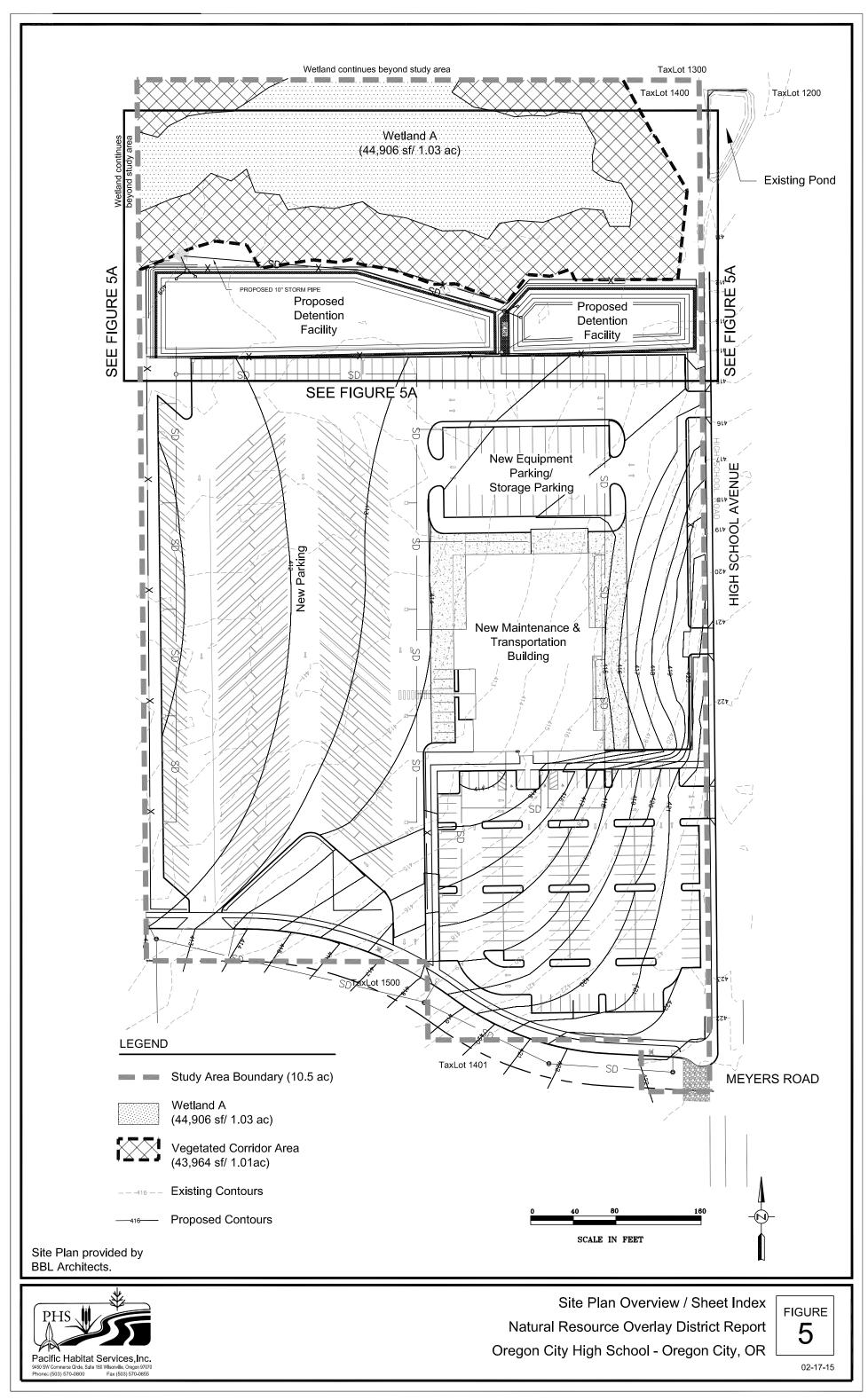


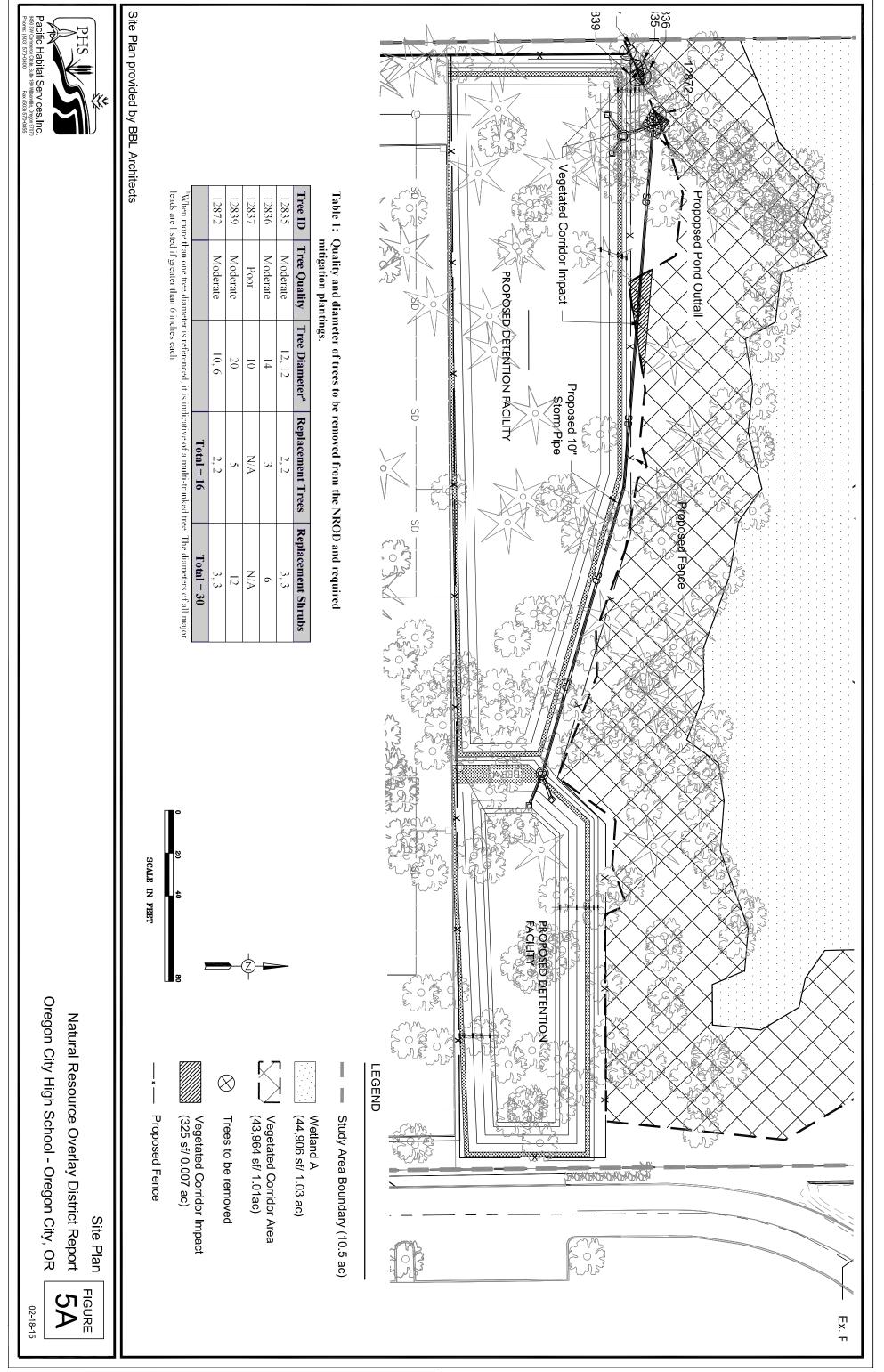


Natural Resources Overlay District map Oregon City High School, Oregon City, Oregon (Oregon City Web Maps, 2015) FIGURE

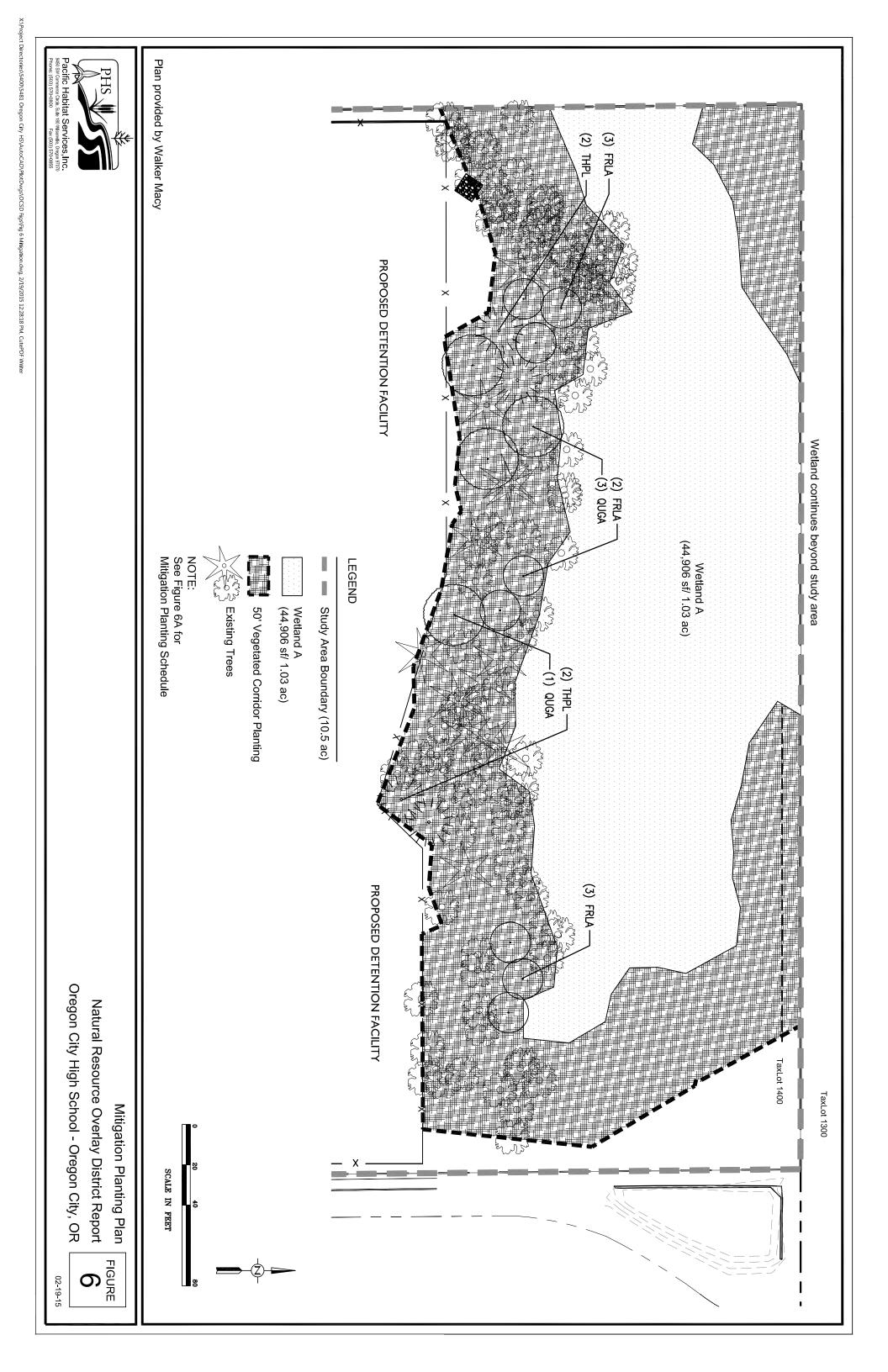
9450 SW Commerce Circle, Suite 180 Wilsonville, OR 97070







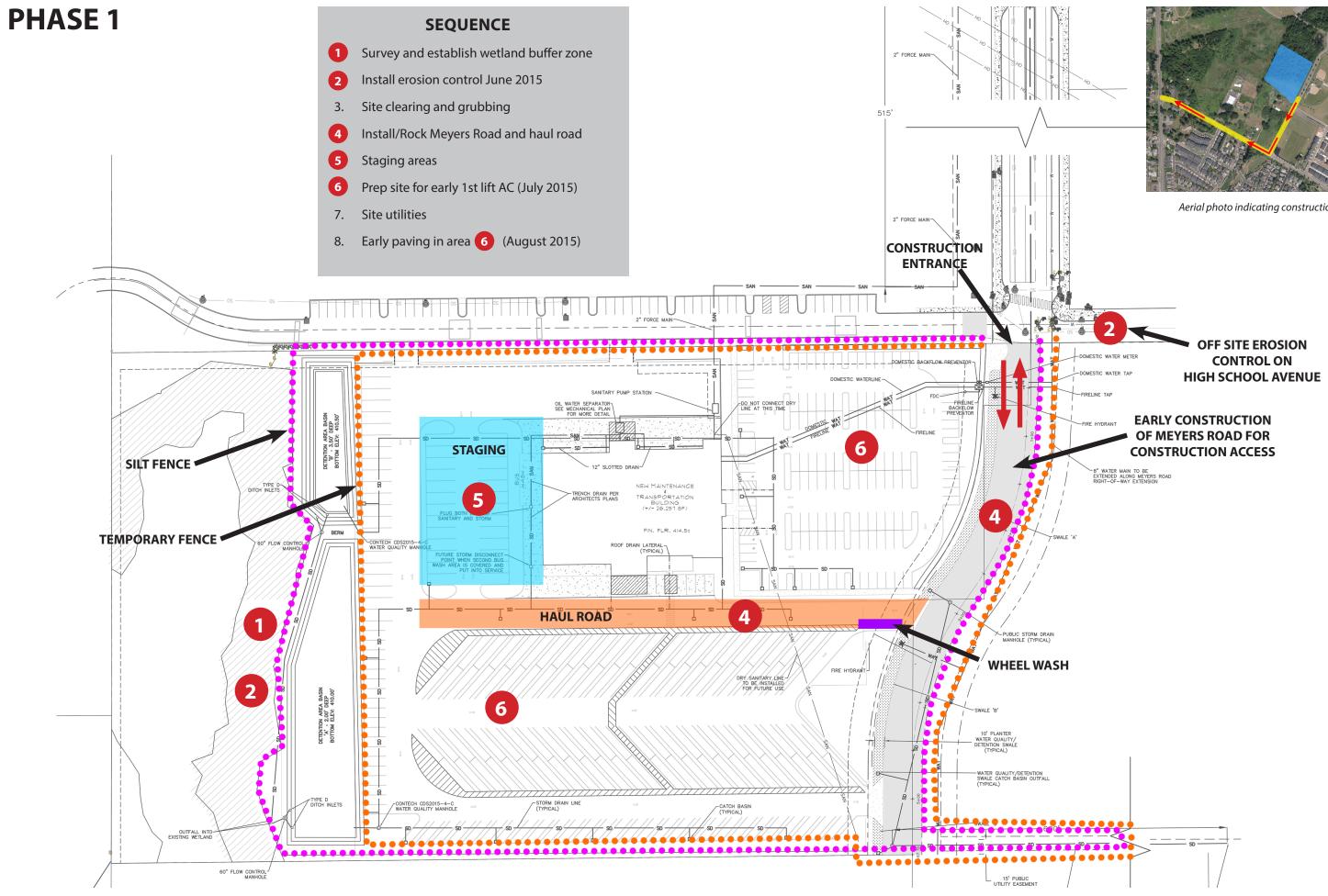
(\Project Directories\5400\5481 Oregon City HS\AutoCAD\PlotDwgs\OCSD Figs\Fig5A Site Plandwg, 2/19/2015 12:29:00 PM, CutePDF Writer

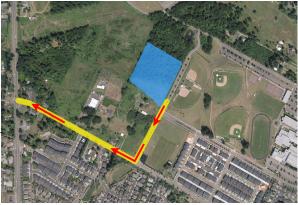


AS SHOWN AS	PHS	Plant Schedule Provided by Walker Macy	*PLS = pure live seed; depends on assessed purity and germination rates.	Festuca subulata Bearded fescue FACU 10		glaucus Blue wildrye FACU	sis Alaska brome UPL	Bromus carinatus California brome- UPL 10	Botanical Name Common Name USFWS Rating SEEDING RATES   (lbs./ac. PLS*)	- Smon	Symphoricarnos Snowherry I gallon	Rosa nutkana Nootka rose 1 gallon	1 gallon	Cornus alba Red-osier l gallon dogwood	r Service-berry l gallon	ıl Name	SHRUBS: (Minimum of 30 plantings) The owner's representative will approve individual plant material and location of plant material prior to installation.		THPL THUJA PLICATA WESTERN RED CEDAR 6-8FT.	Consider the second sec		AL NAME COMMON NAME SIZE
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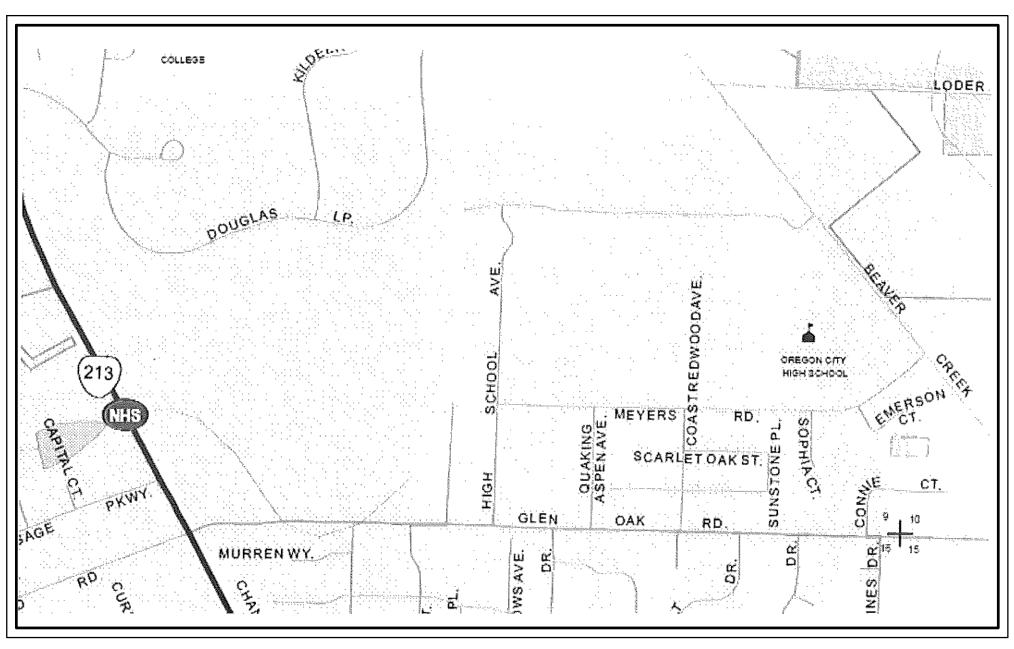
X:\Project Directories\5400\5481 Oregon City HS\AutoCAD\PlotDwgs\OCSD Figs\Fig 6A Planting Shedule.dwg, 2/19/2015 11:19:02 AM, CutePDF Writer

Mitigation Planting Schedule Natural Resource Overlay District Report 6A egon City High School - Oregon City, OR			
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Aerial photo indicating construction traffic flow



VICINITY MAP

#### NARRATIVE DESCRIPTIONS PROPERTY DESCRIPTION

#### SITE LOCATION: LOCATED NORTHWESTERLY OF THE INTERSECTION OF MEYERS ROAD AND HIGH SCHOOL AVENUE IN OREGON CITY, OREGON

LATITUDE: 45.3202, LONGITUDE: -122.5686 LEGAL: MAP T3S-R2E-9D, TAX LOT 1400

EXISTING SITE CONDITIONS

THE SITE IS CURRENTLY UNDEVELOPED WITH ONE EXISTING SHED. THE PROPERTY ENCOMPASSES APPROXIMATELY 15 ACRES OR VACANT LAND. THE SOUTHERN PORTION OF THE SITE IS COVERED WITH GRASS, AND THE NORTHERN PORTION OF THE PROPERTY HAS HEAVY TREE COVER. DEVELOPED CONDITIONS

THE SITE IS TO BE DEVELOPED INTO A NEW OREGON CITY SCHOOL DISTRICT TRANSPORTATION AND MAINTENANCE FACILITY THAT WILL REPLACE THE EXISTING ONE.

NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

CLEAR AND GRUB OF THE SITE, REMOVE MARKED TREES, REGRADE THE SITE, CONSTRUCT TRANSPORTATION AND MAINTENANCE FACILITY, ALONG WITH PARKING AND LANDSCAPE AREAS, AND APPROPRIATE UTILITIES. CONSTRUCTION POSSIBLE FROM MARCH 2015 THROUGH SEPTEMBER 2015. SITE SOIL CLASSIFICATION:

BORNSTEDT SILT LOAM (8B):

BORNSTEDT SILT LOAM IS A MODERATELY WELL DRAINED SOIL. THIS SOIL IS FOUND ON HIGH TERRACES AND ROLLING UPLANDS IN ELEVATION RANGE 400-650 FEET. FILL MATERIAL WILL BE FROM OFF-SITE.

<u>SITE AREA:</u> TOTAL AREA (APPROXIMATE): 3.40 ACRES TOTAL DISTURBED AREA (APPROXIMATE): 3.10 ACRES RECEIVING BODY OF WATER:

CAUFIELD CREEK

CONTACT: 1417 12TH ST. PHONE: 503-785-8000

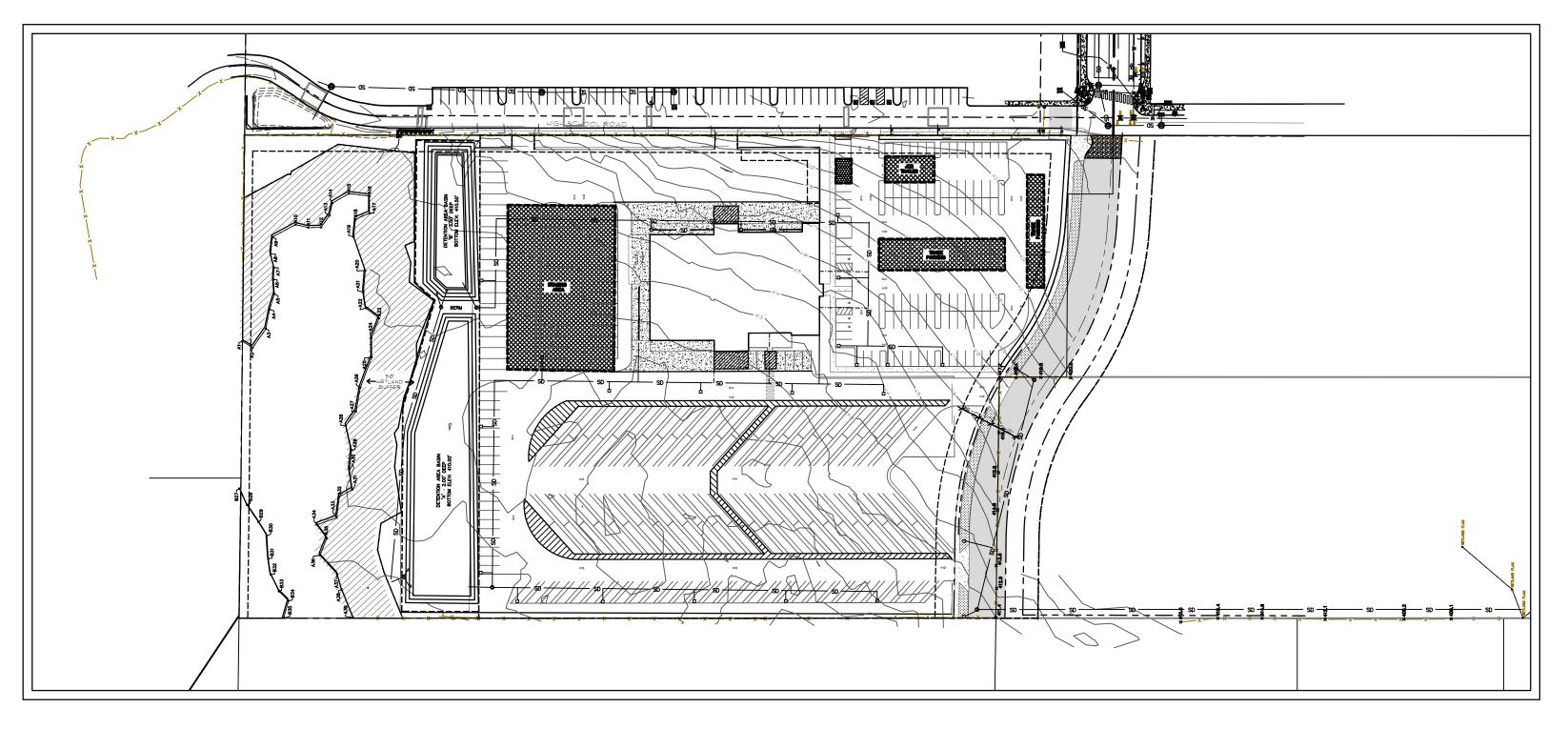
NAME: COMPANY/AGENCY: PHONE: FAX: EMAIL: DESCRIPTION OF TRAINING:

1. Active P 2. Prior to the anticipati 3. Inactive calendar 4. Periods d due to inc

### **BMP MATRIX**

BMP' Construction Entrance Sediment Fencing Storm Drain Inlet Protect Concrete Truck Washou Permanent Landscaping

# EROSION AND SEDIMENT CONTROL PLANS



#### **DEVELOPED BY:**

OREGON CITY SCHOOL DISTRICT OREGON CITY, OR 97045

#### **ENGINEERING FIRM:**

SISUL ENGINEERING CONTACT: TOM SISUL 375 PORTLAND AVENUE GLADSTONE, OR 97027 PHONE: (503) 657-0188

#### PERMITTEE'S ESC SITE INSPECTOR:

DESCRIPTION OF EXPERIENCE:

#### **INSPECTION FREQUENCY**

Site condition	Minimum Frequency
Period	Daily when stormwater runoff, including runoff
	from snowmelt, is occurring. At least once
	every two weeks, regardless of whether or not
	runoff is occurring.
the site becoming inactive or in	Once to ensure that erosion and sediment
tion of site inaccessibility.	control measures are in working order. Any
	necessary maintenance and repair must be made
	prior to leaving the site.
periods greater than fourteen (14)	Once every two (2) weeks.
r days.	
during which the site is inaccessible	If practical, inspections must occur daily at a
nclement weather.	relevant and accessible discharge point or
	downstream location.

	YEAR:	2015							-			2016	-
's	MONTH:	3	4	5	6	7	8	9	10	11	12	1	2
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		X	Х	Х	X	Х	X	Х					
ction		X	Х	Х	Х	Х	X	Х	Х	Х	Х	X	Х
ut		X	Х	X	Х	X	X						
9								Х	X	Х			

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(SCHEI	DULE A.7.E EMENT THE	.I.(2))						
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	LAR MAINT							
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	MMENDATI RELEASE FI							
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STABI	LISHED. HOLIZED, UNL	ESS DO	ING SO	CONFL	ICTS WI	TH LOC	AL REQ	QUI
	RIALS AND							

#### SITE MAP NTS

### STANDARD EROSION AND SEDIMENT WING NOTES:

CTION PERSONNEL THAT INCLUDES THE INSPECTOR TO CONSTRUCTION LIMITS. (SCHEDULE A.8.C.I.(3)) ) 1200-C PERMIT REQUIREMENTS. S 1200-C PERMIT REOUIREMENTS.

ID MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR REATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, ER LOCATION. (SCHEDULE B.2.A) URE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PERMIT. (SCHEDULE A 8.A) EQUIREMENTS FOR ANTICIPATED SITE CONDITIONS.

URES AS NEEDED TO COMPLY WITH ALL APPLICABLE ROL REGULATIONS. (SCHEDULE A.8.C.II.(1)(C)) AITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC AGENT. (SCHEDULE A.12.C.III) PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM

MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION ONES, AND VEGETATION AREAS TO BE PRESERVED. ND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER . (SCHEDULE A.8.C.I.(1) & (2)) E-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS TRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX

ERIMETER SEDIMENT CONTROL MUST BE IN PLACE LACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY THE DURATION OF CONSTRUCTION, INCLUDING BASINS AND APPROPRIATE NON-STORMWATER

MENT WASHOUT AREAS BEFORE BEGINNING CONCRETE ON MEASURES IMMEDIATELY ON ALL DISTURBED AREAS ING GRAVEL ROADWAYS. (SCHEDULE A.8.C.II.(2)) THER NON-STORMWATER CONTROLS. (SCHEDULE

E ROADS USING BMPS SUCH AS: GRAVELED (OR PAVED) OCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE ITIES. (SCHEDULE A 7.D.II.(1) AND A.8.C.I(4)) USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE.

RE TO POLLUTANTS FROM SPILLS; VEHICLE AND CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES LVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS. TTEN SPILL PREVENTION AND RESPONSE PROCEDURES,

SPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, CHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, R WASTE AND SUPPLIES. (SCH A 7.E.III.) L TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL.

ISH VEGETATION MUST FOLLOW MANUFACTURER'S URFACE WATERS. EXERCISE CAUTION WHEN USING AN ZONE. (SCHEDULE A.9.B.III) ECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) ED, SUBMIT AN OPERATION AND MAINTENANCE PLAN CATION OF INLET. LOCATION OF DISCHARGE, DISCHARGE EQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM.

NT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT (SCHEDULE A.9.D) EFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE E STABLE DURING RAIN EVENTS AT ALL TIMES OF THE STABILIZED OR COVERED. OR OTHER BMPS MUST BE

RS OR CONVEYANCE SYSTEMS LEADING TO SURFACE VATION AND CREATION OF BARE GROUND DURING WET EACHES ONE THIRD OF THE ABOVE GROUND FENCE

EDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE A.9.C.II) BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS E DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY

C.III & IV) THE CONSTRUCTION SITE, MUST BE REMEDIATED. IPLEMENT STEPS TO PREVENT A RECURRENCE OF THE LEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING FRAME. (SCHEDULE A.9.B.I) ERS OR DRAINAGE WAYS MUST NOT OCCUR. T BE USED TO CLEANUP RELEASED SEDIMENTS.

VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY CTIVITIES CEASE FOR 30 DAYS OR MORE. (SCHEDULE

F THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE HAT PORTION OF THE SITE. (SCHEDULE A.7.F.II) L EXPOSED AREAS. DO NOT REMOVE TEMPORARY TION OR OTHER COVER OF EXPOSED AREAS IS SION CONTROL MEASURES AS EXPOSED AREAS BECOME UIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMPS. (SCHEDULE A.7.B.III(2) AND A.8.C.III)

## SEDIMENT FENCE:

- 1. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST.
- 2. THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS, WHERE FEASIBLE. THEN FENCE POSTS SHALL BE SPACED A MAXIMUM OF SIX FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 18 INCHES. 3. A TRENCH SHALL BE EXCAVATED, ROUGHLY 6 INCHES WIDE BY 6 INCHES DEEP,
- DOWNSLOPE AND ADJACENT TO THE WOOD POST TO ALLOW THE FILTER FABRIC TO BE BURIED. BURY THE BOTTOM OF THE FABRIC 6" VERTICALLY BELOW FINISHED GRADE. ALL AREAS OF FILTER FABRIC TRENCH SHALL BE COMPACTED. 4. THE FILTER FABRIC SHALL BE INSTALLED WITH STITCHED LOOPS OVER FENCE POSTS.
- THE FENCE POST SHALL BE CONSTRUCTED OF 2" X 2" FIR, PINE, OR STEEL. THE FENCE POST MUST BE A MINIMUM OF 48" LONG. THE FILTER FABRIC SHALL NOT BE STAPLED OR ATTACHED TO EXISTING TREES. 5. SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL
- PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED. 6. SEDIMENT FENCES SHALL BE INSPECTED BY ESCP INSPECTOR BEFORE, DURING & AFTER EACH SIGNIFICANT RAINFALL, AND DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

ATTENTION EXCAVATORS: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

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

### **RATIONALE STATEMENT**

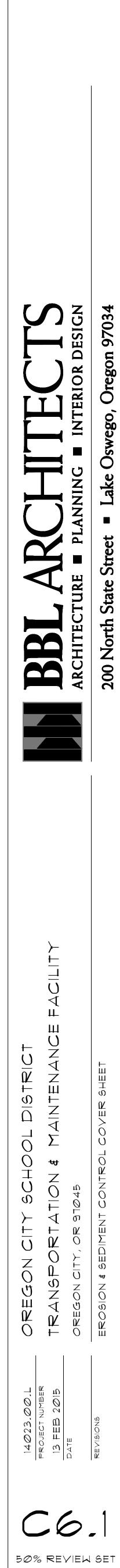
A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ'S GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS, AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED.

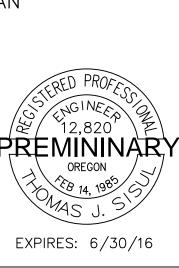
SHEET INDEX

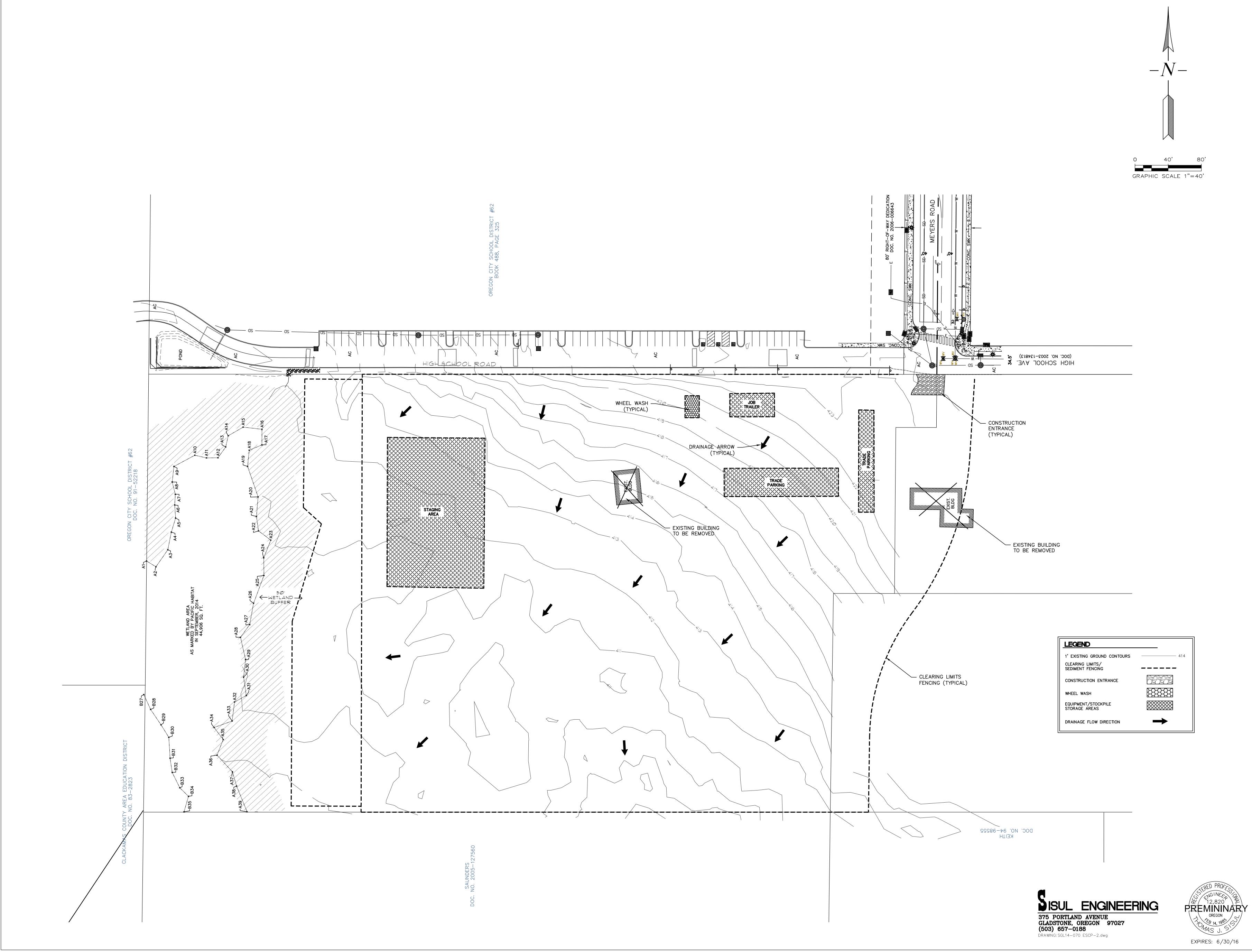
### EROSION AND SEDIMENT CONTROL PLANS

EROSION & SEDIMENT CONTROL COVER SHEET C6.1 EARLY CONSTRUCTION EROSION & SEDIMENT CONTROL PLAN C6.2 LATE CONSTRUCTION EROSION & SEDIMENT CONTROL PLAN C6.3 EROSION & SEDIMENT CONTROL DETAILS C6.4

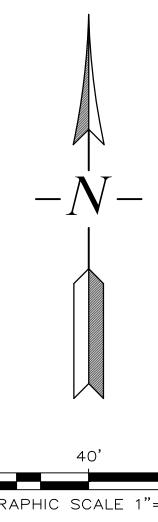




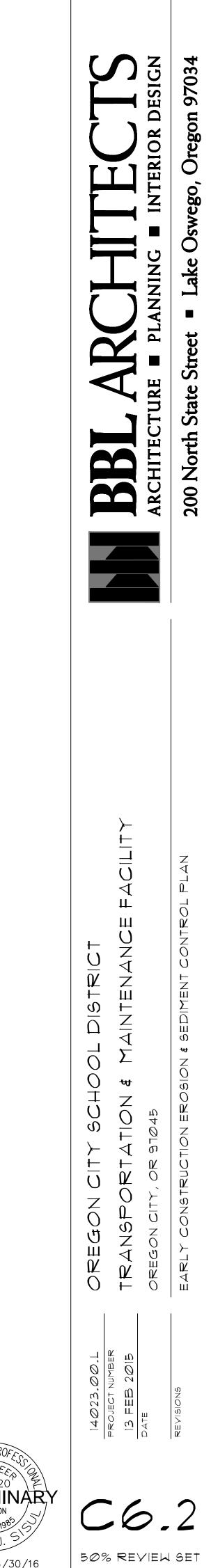


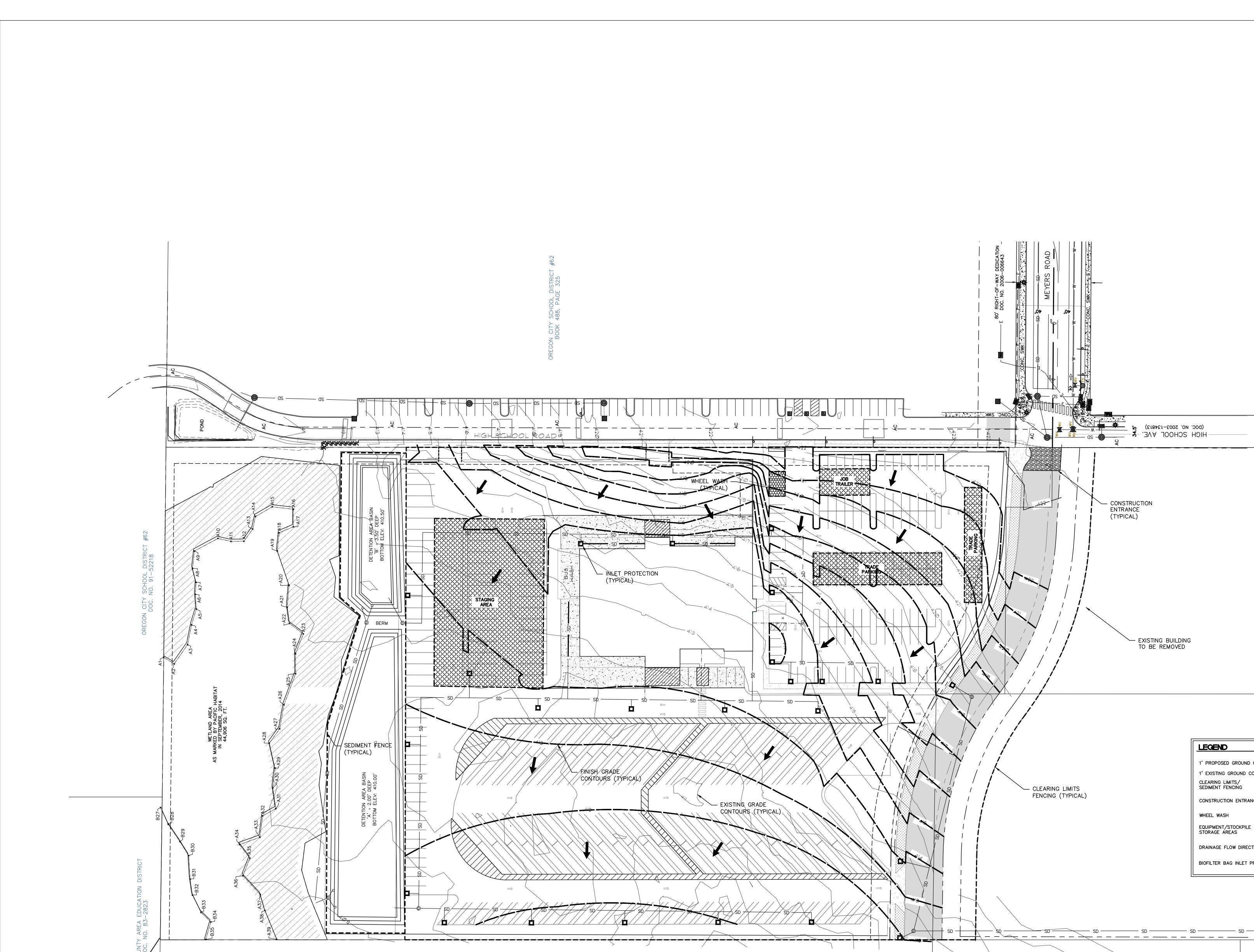




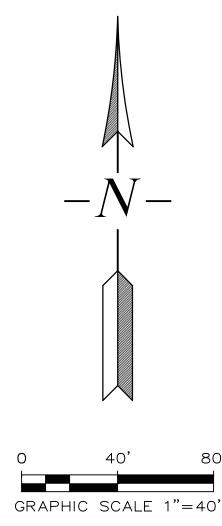


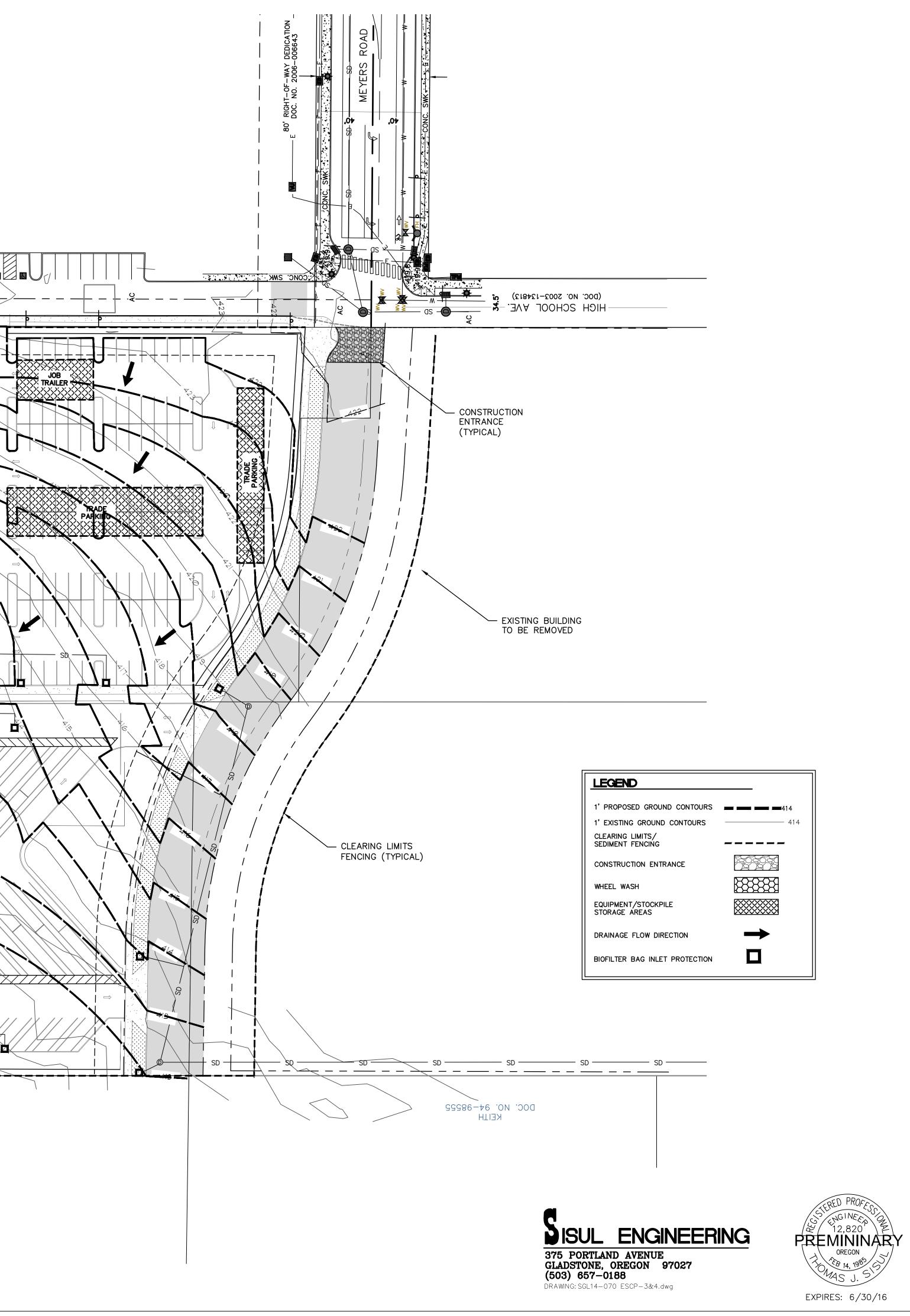




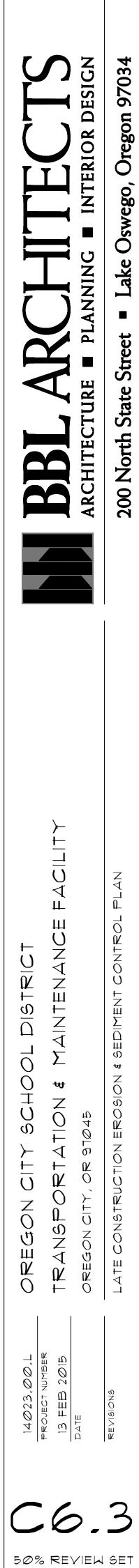


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