

4/12/07

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Location and general topography for the proposed expansion of the Oak Harbor Freight Lines facility in Portland, Oregon (USGS, Portland, Oreg.-Wash. quadrangle, 1961, photorevised 1970 and 1977).

FIGURE  
1



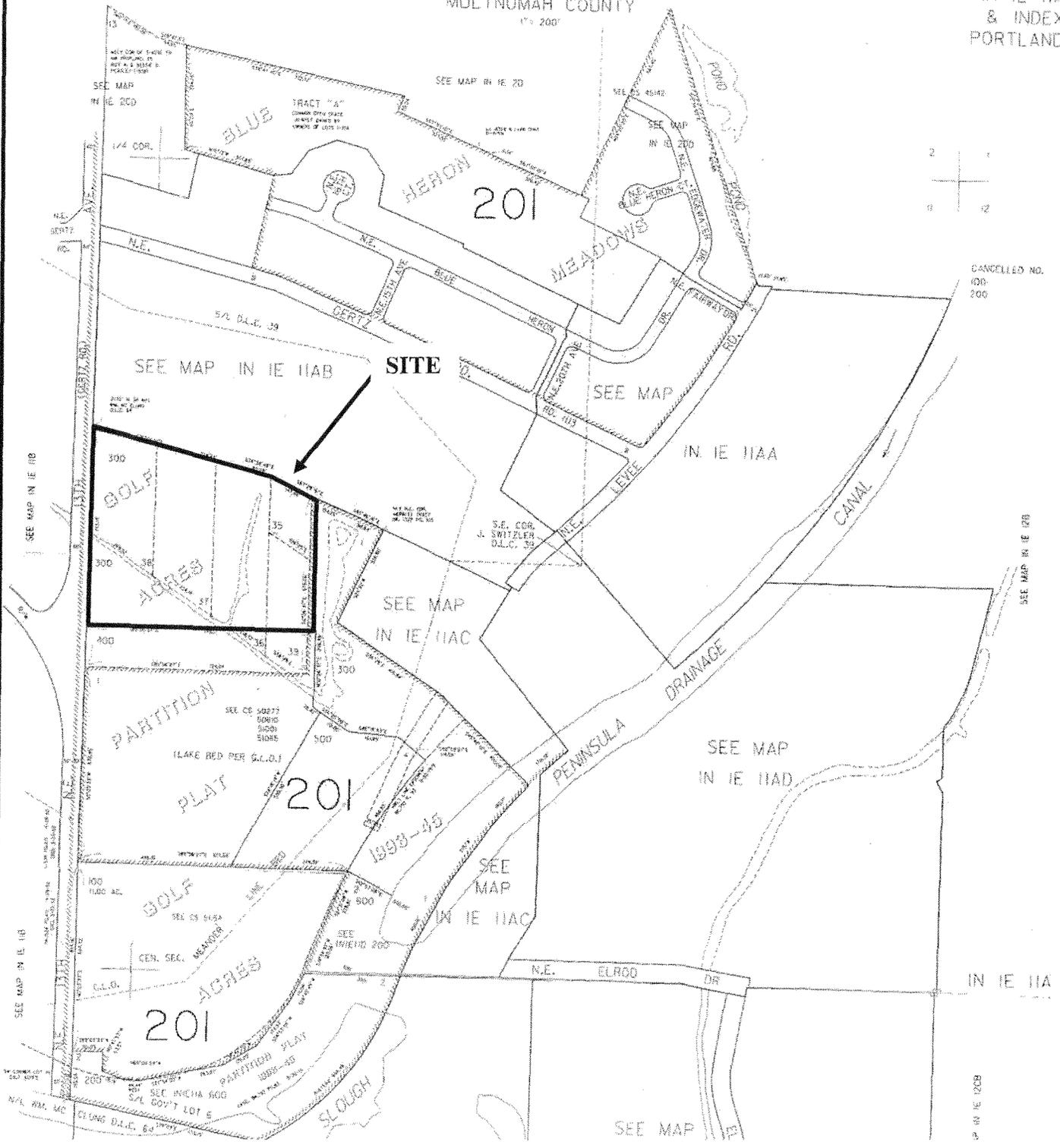
THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY

NE 1/4 SEC. 11 T.1N. R.1E. W.M.  
MULTNOMAH COUNTY  
1" = 200'

IN IE 11A  
& INDEX  
PORTLAND



CANCELLED NO.  
100  
200



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Tax lot map for the proposed expansion of the Oak Harbor Freight Lines facility in Portland, Oregon (T.1N, R.1E, Section 11A, Tax lot 300).

FIGURE  
14



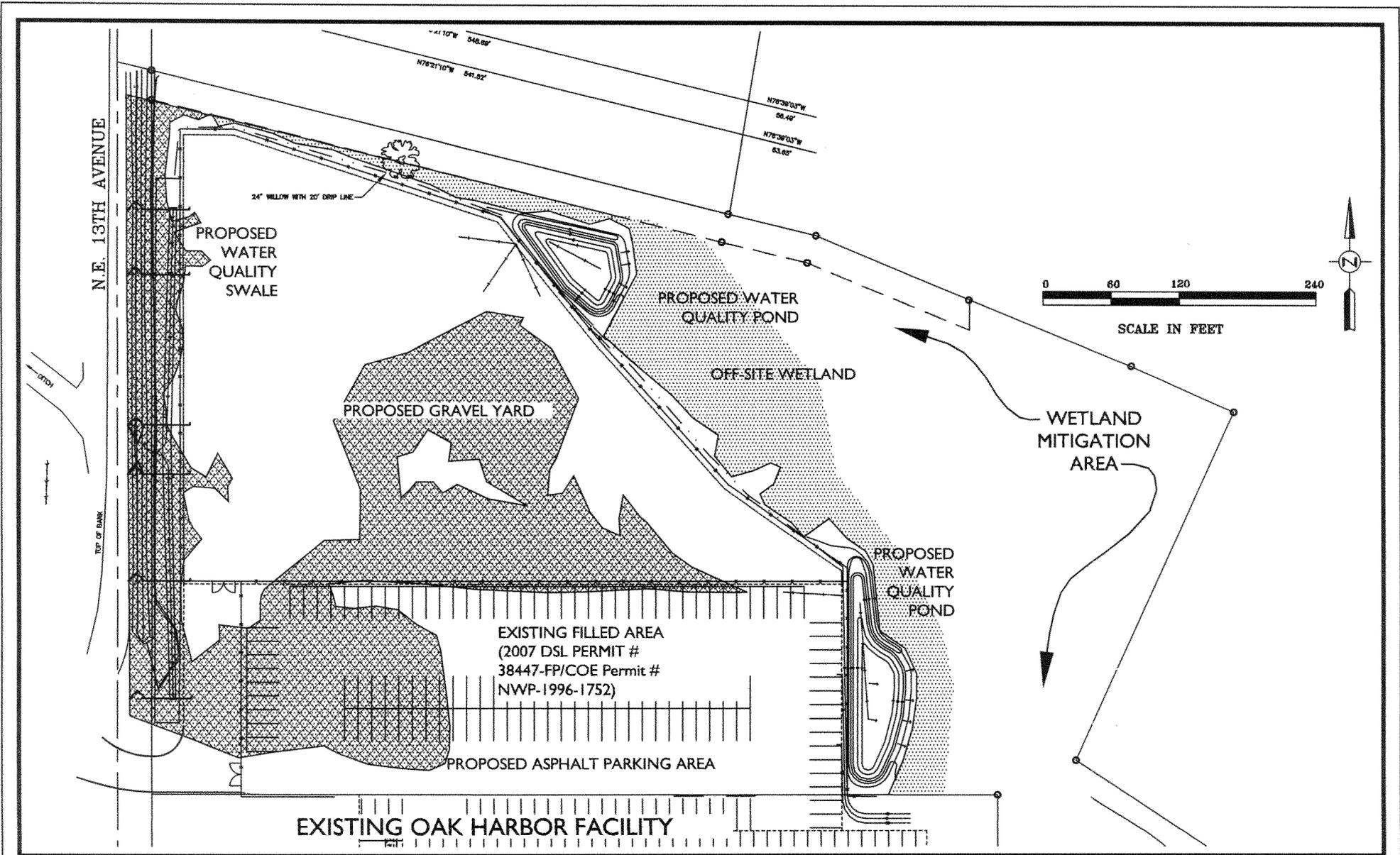


FIGURE  
4A

Proposed wetland impacts (2007 DSL Permit 38447-FP/COE Permit NWP-1996-1752 for the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007.

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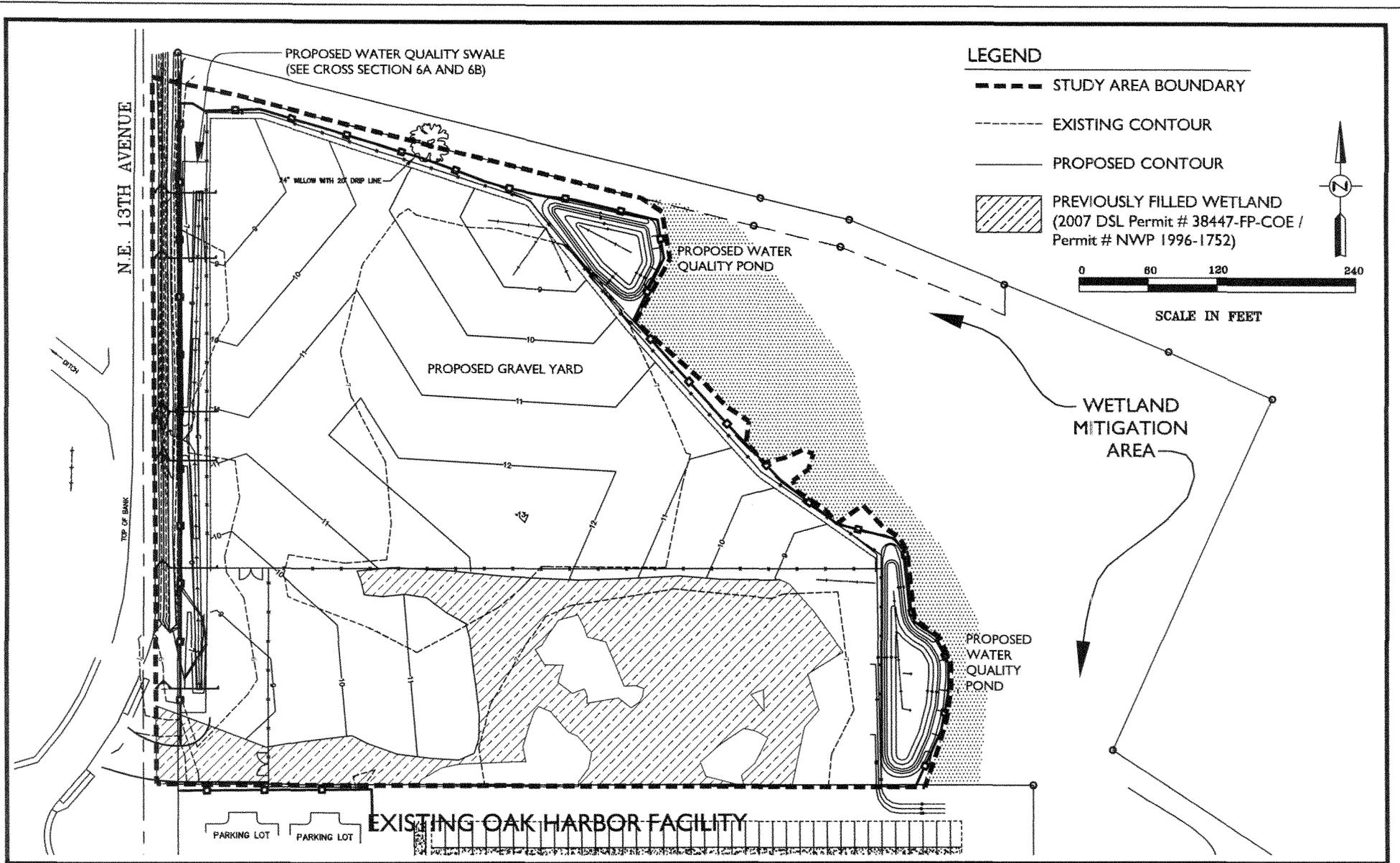


FIGURE  
5

Proposed grading plan for the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007.

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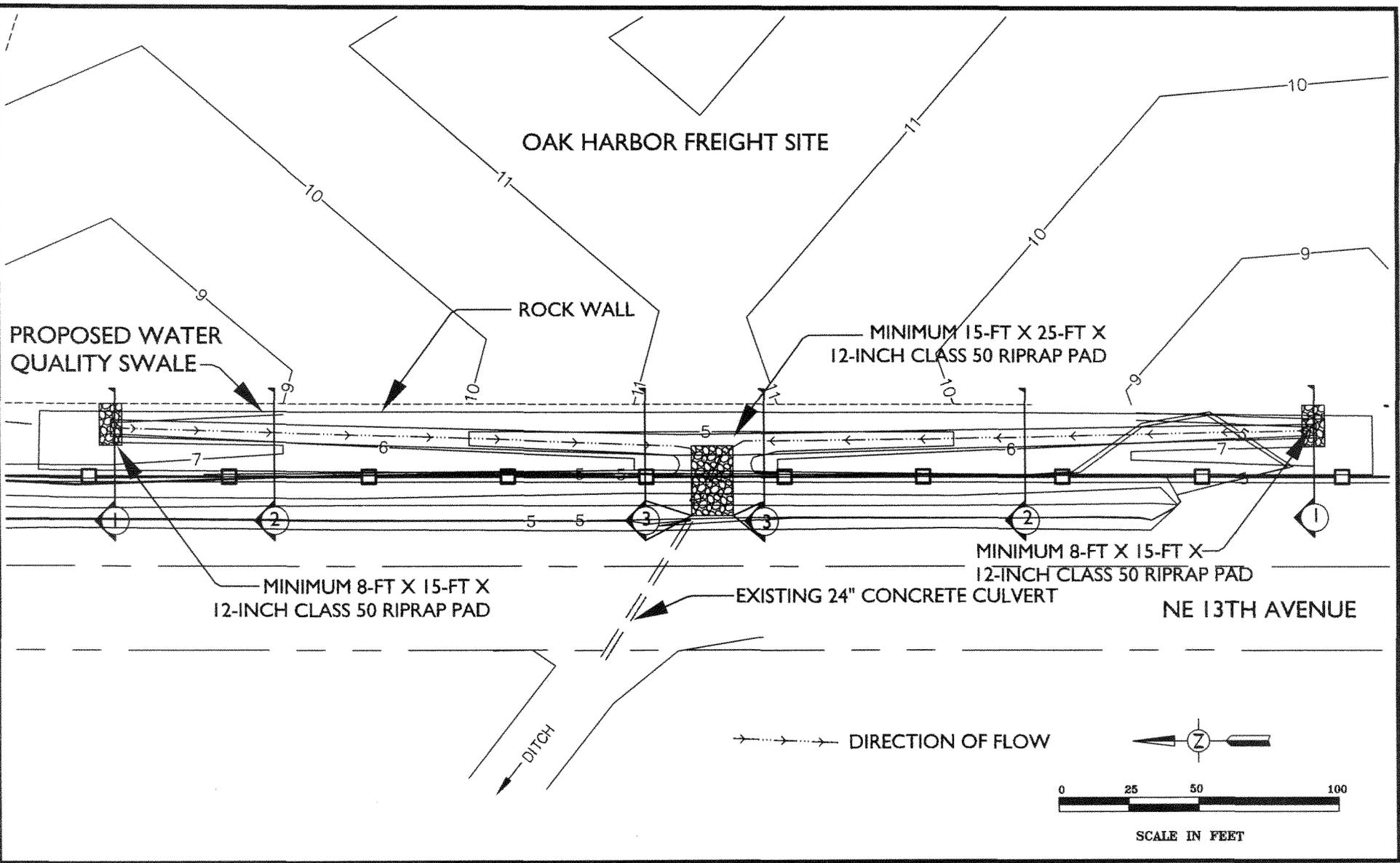
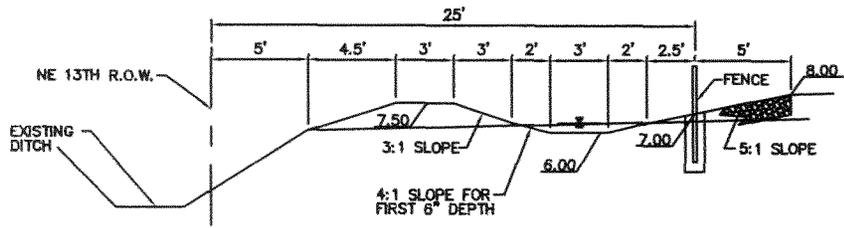


FIGURE  
6A

Proposed water quality swale along NE 13th Avenue for the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007. See cross-sections on Figure 6B, and Planting Plan on Figure 6C.

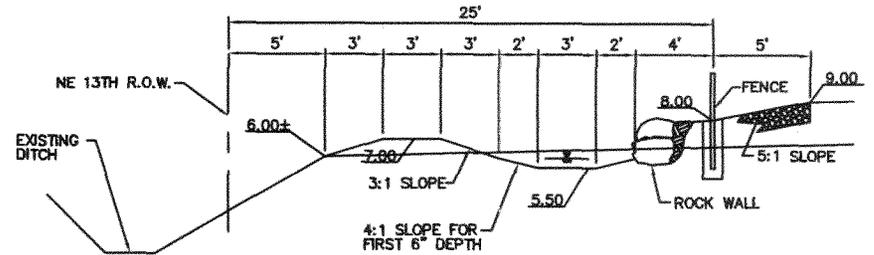
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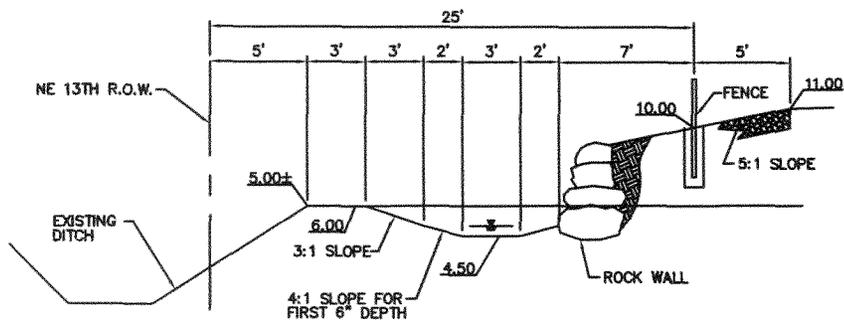
**SWALE SECTION 1 (AT ELEV 6.00)**

SCALE: 1" = 5'



**SWALE SECTION 2 (AT ELEV 5.50)**

SCALE: 1" = 5'



**SWALE SECTION 3 (AT ELEV 4.50)**

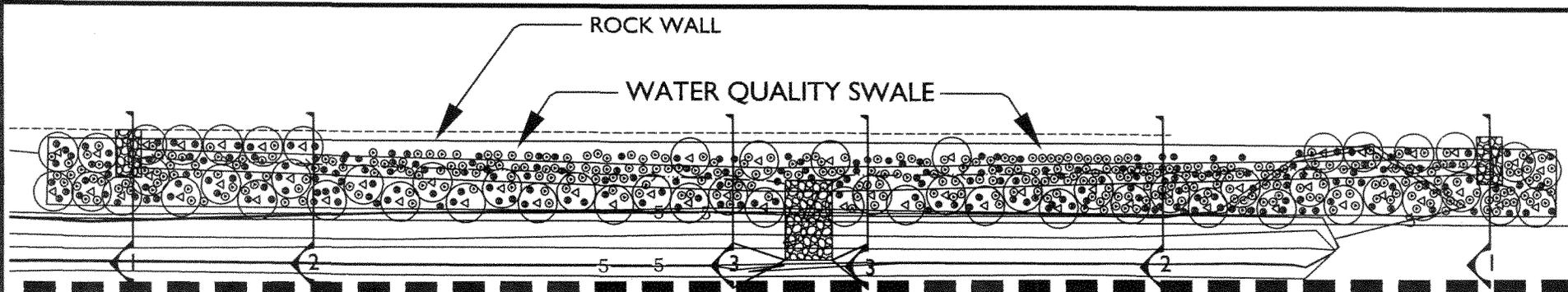
SCALE: 1" = 5'

FIGURE  
6B

Cross-sections of the proposed water quality swale along NE 13th Avenue for the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007.

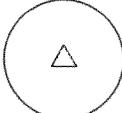
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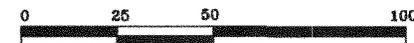
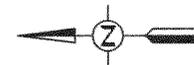




NE 13TH AVENUE

## PLANT MATERIAL SCHEDULE

<u>SYMBOL</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE/SPACING</u>
	ALNUS RUBRA	RED ALDER	2" CAL. AS SHOWN
	SALIX SITCHENSIS	SITKA WILLOW	3 GAL. AS SHOWN
	SPIREA	SPIREA	3 GAL. AS SHOWN
	ELYMUS GLAUCUS	BLUE WILDRYE	1 GAL. AS SHOWN
	CORNUS SERICEA	RED OSIER DOGWOOD	3 GAL. AS SHOWN
	ROSA NUTKANA	NOOTKA ROSE	3 GAL. AS SHOWN
	CAREX OBNUPTA	SLOUGH SEDGE	4" POTS @ 24" O.C.
	JUNCUS PATENS	COMMON RUSH	1 GAL. @ 24" O.C.



SCALE IN FEET

FIGURE  
6C

Proposed planting plan for the water quality swale and ponds at the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007.

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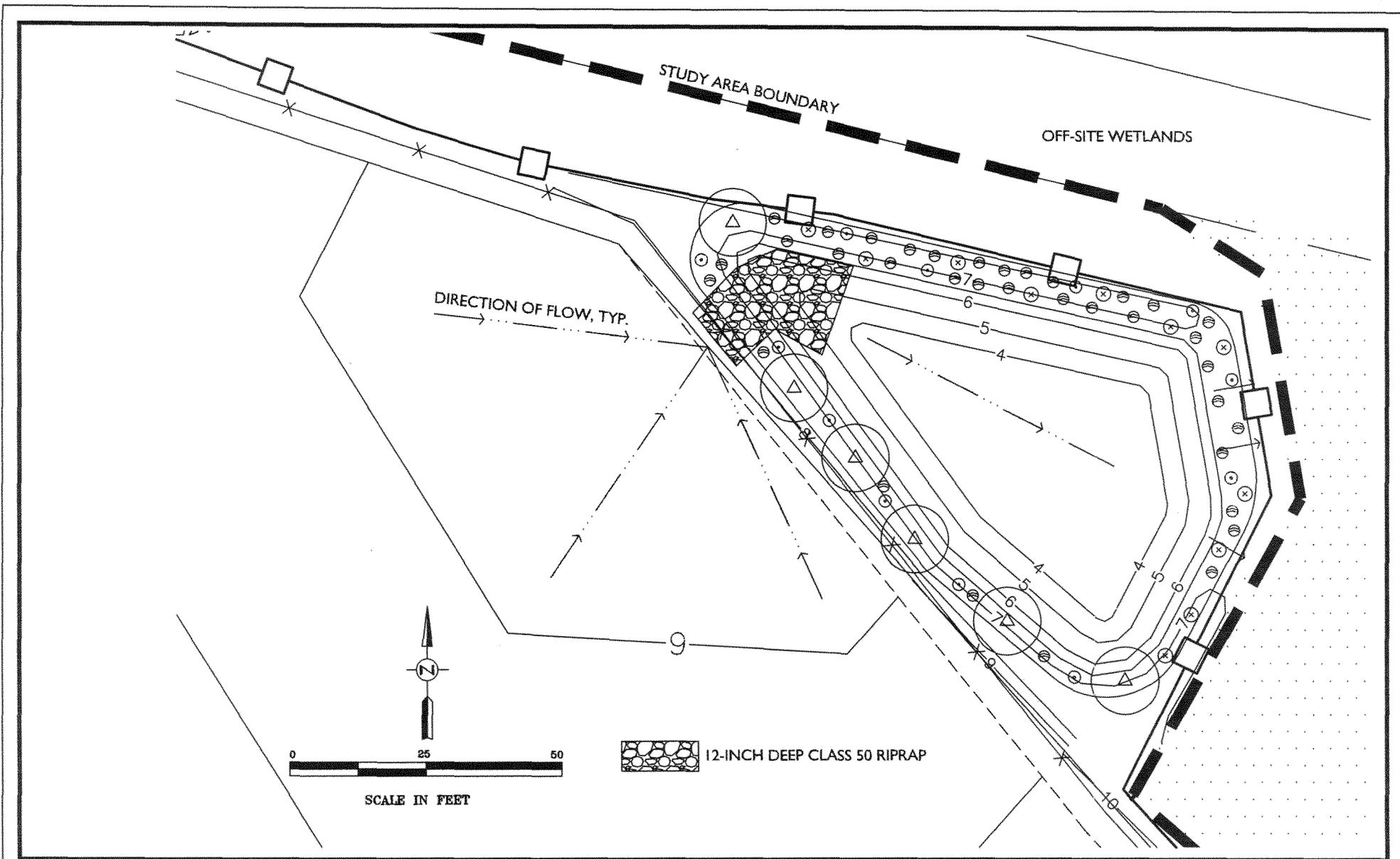


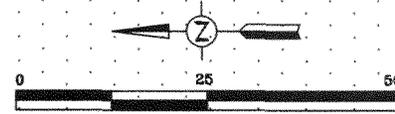
FIGURE  
7

Proposed northern water quality pond showing planting for the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007. See plant list on Figure 6C.

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OFF-SITE WETLANDS



SCALE IN FEET

STUDY AREA BOUNDARY

12-INCH DEEP CLASS 50 RIPRAP

DIRECTION OF FLOW, TYP.

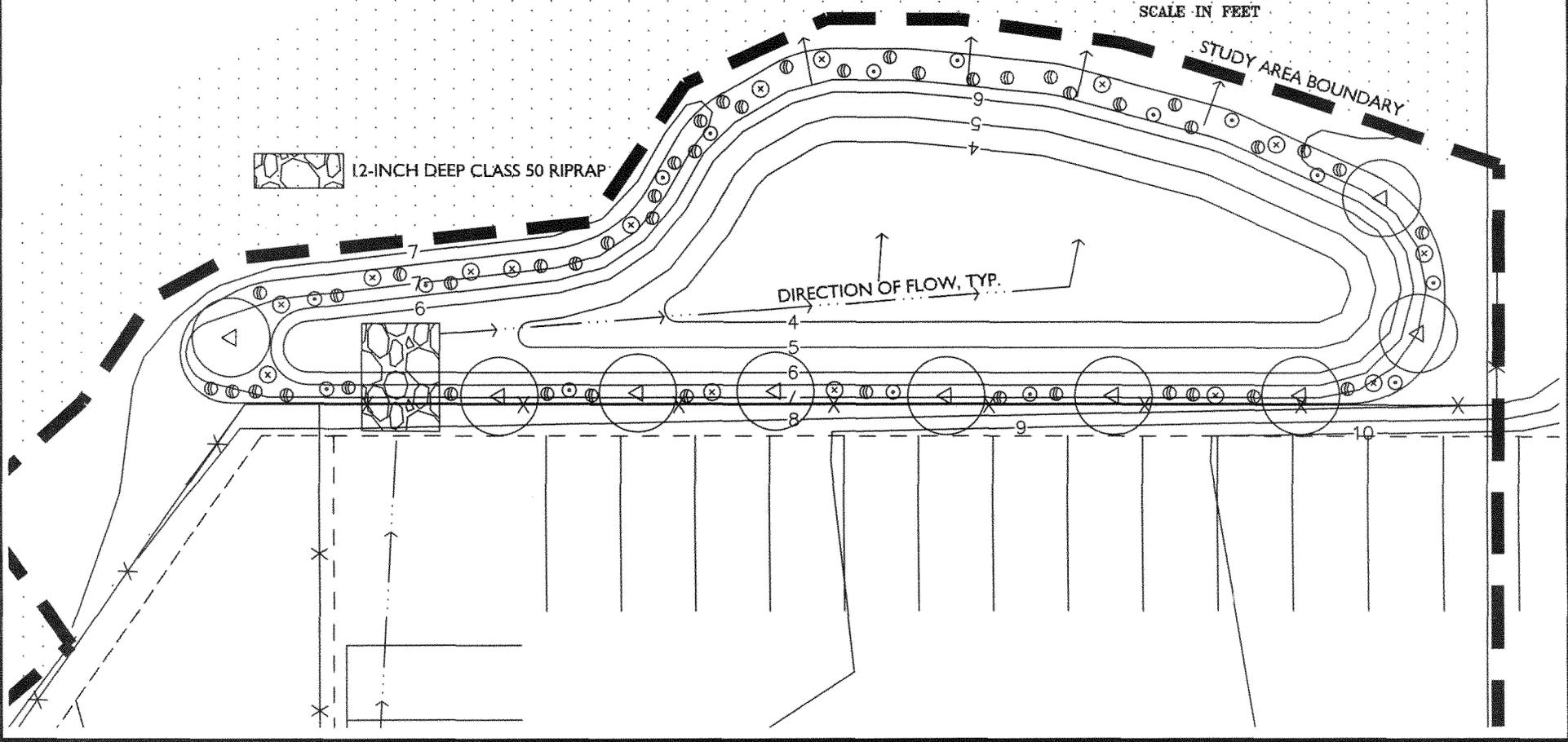


FIGURE  
8

Proposed southern water quality pond showing planting at the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007. See Figure 6C for plant list.

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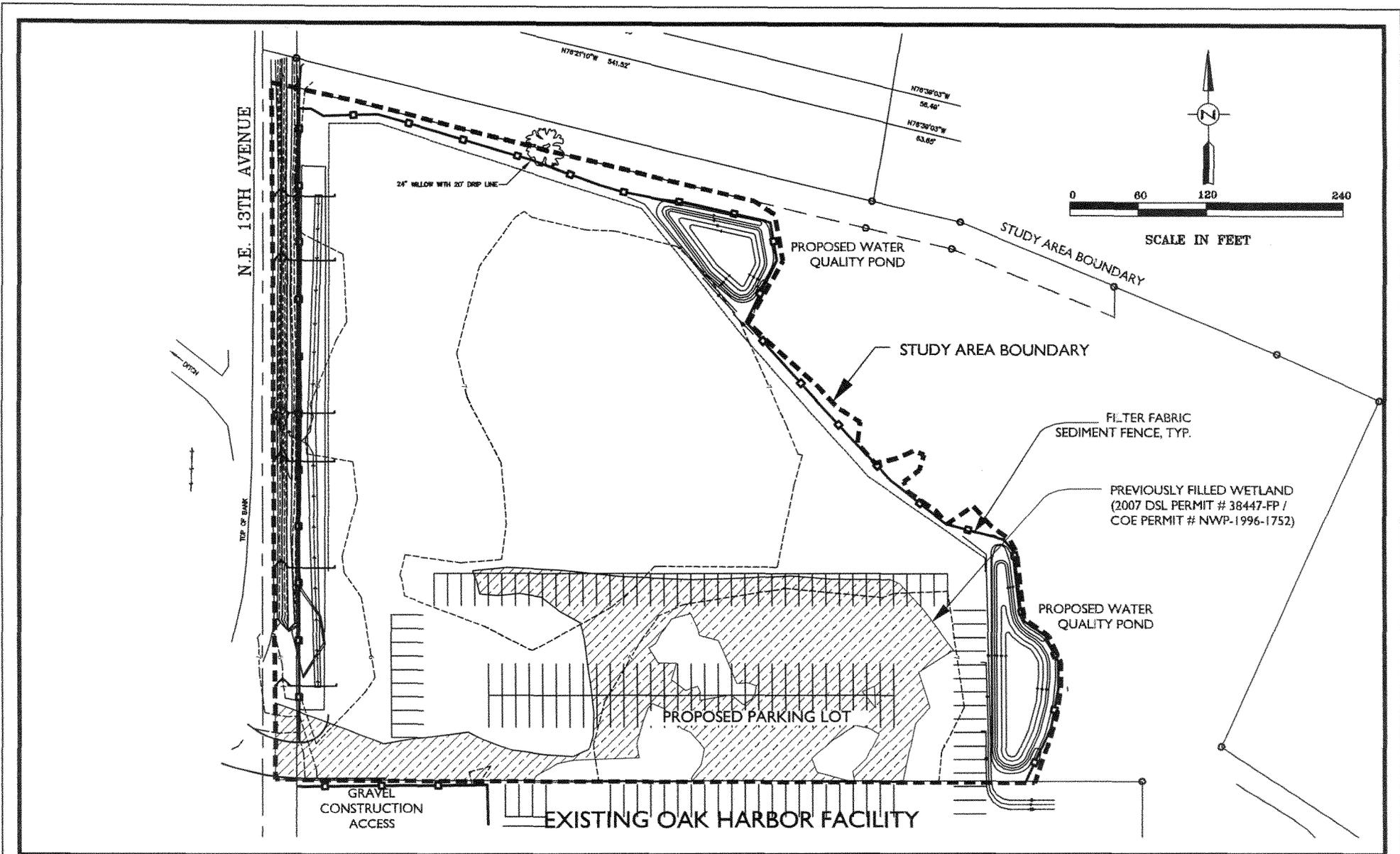


FIGURE  
9

Erosion control plan for the expansion of the Oak Harbor Freight Lines trucking facility in Portland, Oregon. Provided by Group Mackenzie, 2007.

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