Send To Printer Back To TerraServer Change to 11x17 Print Size Show Grid Lines Change to Landscape

USGS 2 km SW of Veneta, Oregon, United States 01 Jul 1984

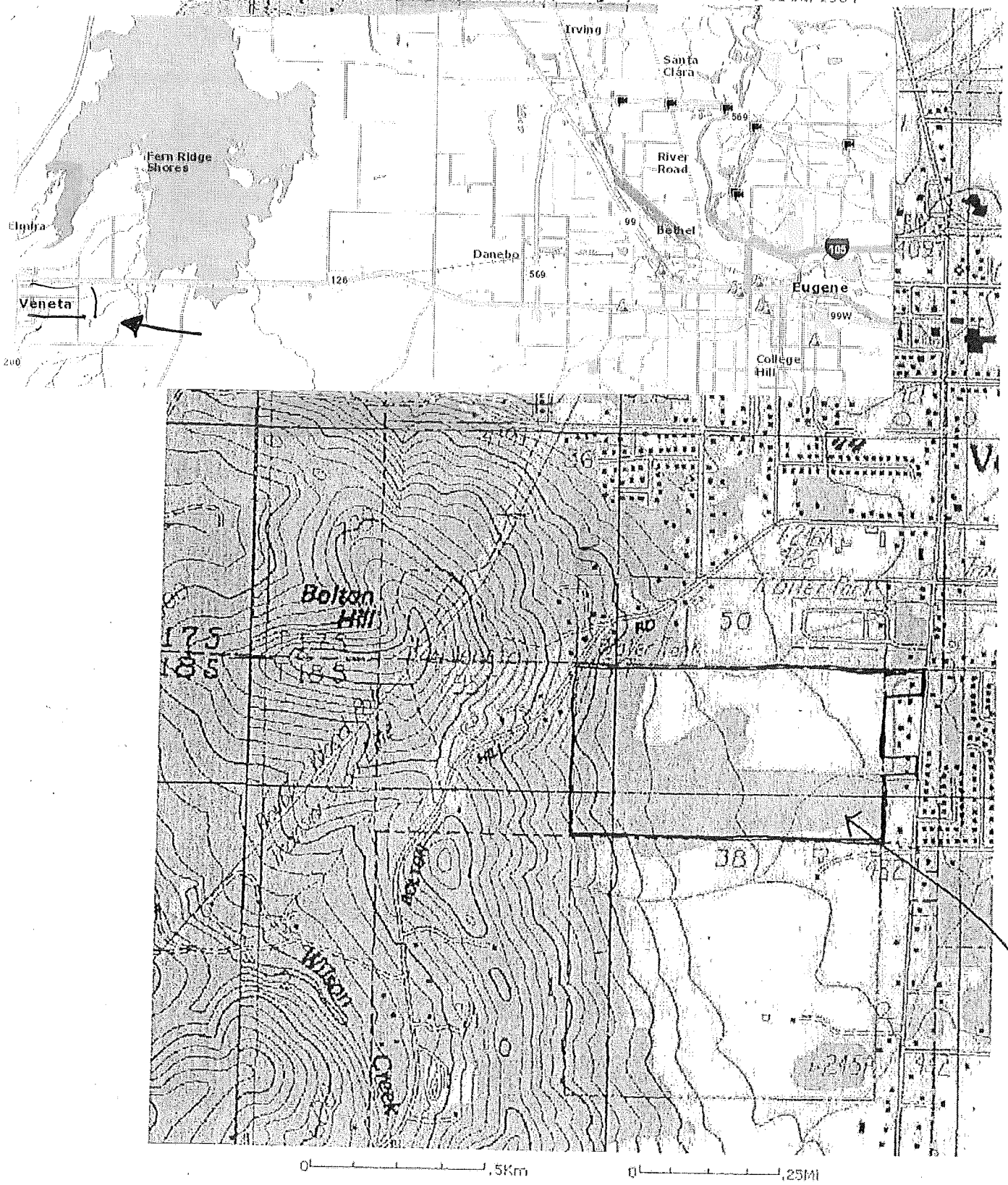

Image courtesy of the U.S. Geological Survey
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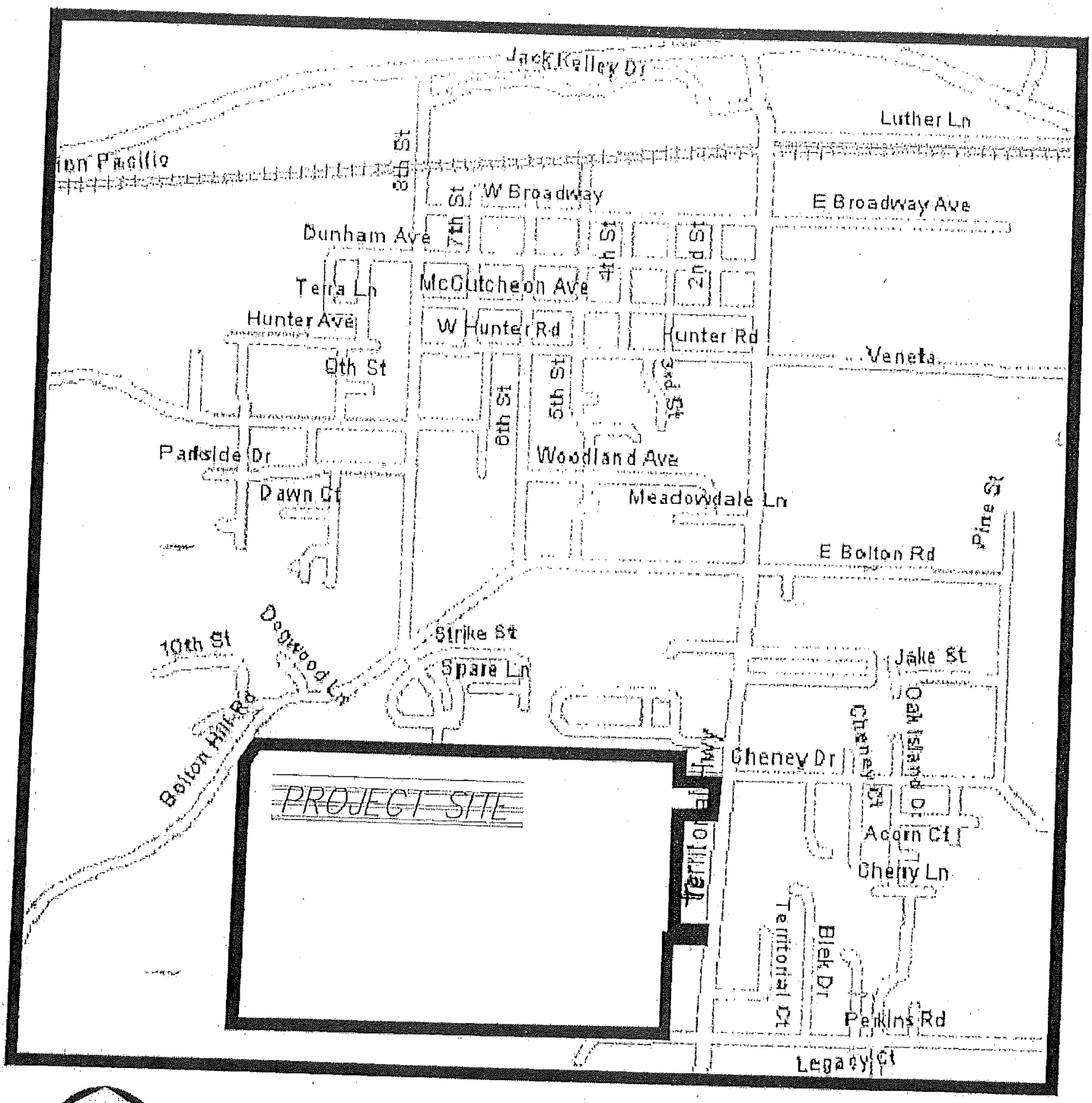
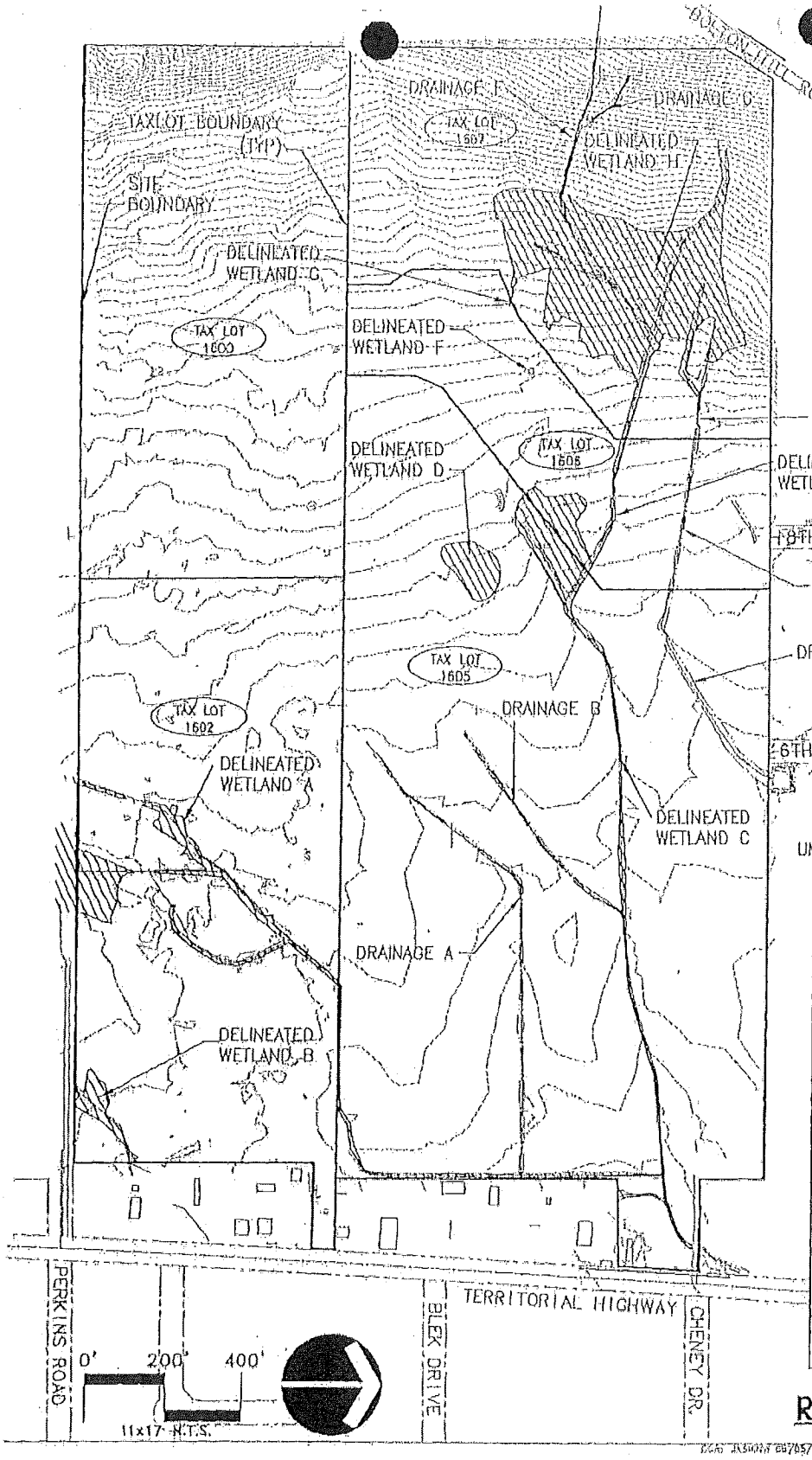
COE # 200500430



N.T.S.

VICINITY MAP



WETLANDS REGULATED BY OREGON DEPARTMENT OF STATE LANDS (DSL)

TAX LOT NO.		EXISTING AREA (ACRES)
1602	WETLAND A	0.78
	WETLAND B	0.20
1605	WETLAND C	1.00
	WETLAND D	0.40
1606	WETLAND E	0.43
	WETLAND F	0.004
	WETLAND G	0.002
1607	WETLAND H	4.55
TOTAL ONSITE WETLANDS		7.37

WETLANDS REGULATED BY UNITED STATES ARMY CORPS OF ENGINEERS (USACE)

TAX LOT NO.		EXISTING AREA (ACRES)
1602	WETLAND A	0.78
	WETLAND B	0.20
1605	WETLAND C	1.00
	WETLAND D	0.40
	DRAINAGE A	0.09
	DRAINAGE B	0.04
	DRAINAGE C	0.01
1606	WETLAND E	0.43
	WETLAND F	0.004
	WETLAND G	0.002
	DRAINAGE D	0.03
1607	WETLAND H	4.55
	DRAINAGE E	0.01
	DRAINAGE F	0.03
	DRAINAGE G	0.01
TOTAL JURISDICTIONAL WATERS AND WETLANDS		7.59

REMOVAL/FILL PERMIT

otak
17355 SW Boones Ferry Rd
Lake Oswego, OR 97035
Phone: 503.635.3618
Fax: 503.635.5395

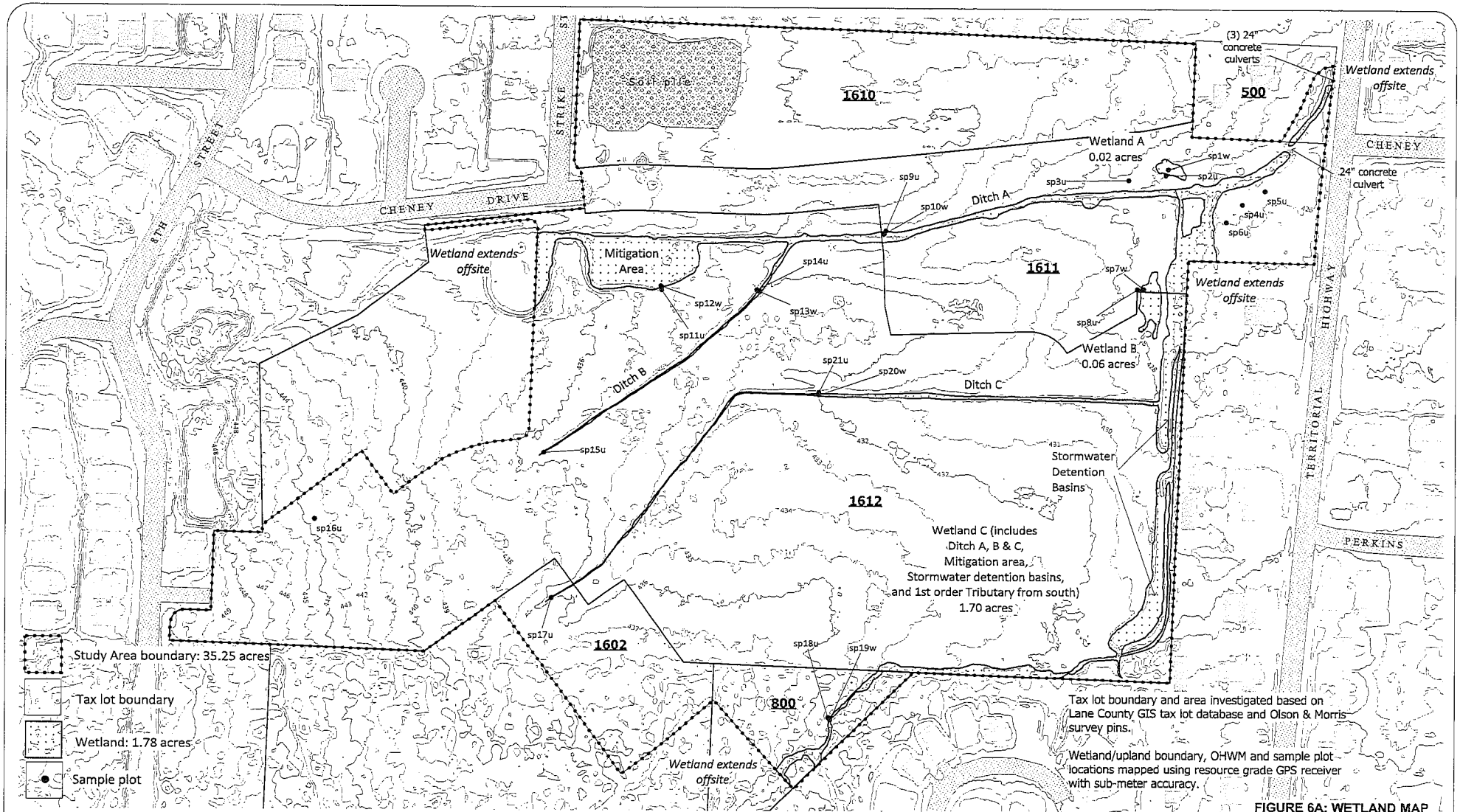
COE # 200500430

Veneta SW Area Specific Plan

Veneta, Oregon

Existing Conditions

Date: 5/22/06
Drawn: GLF Checked: JGW
Project No: 15726
File No: WL Plat

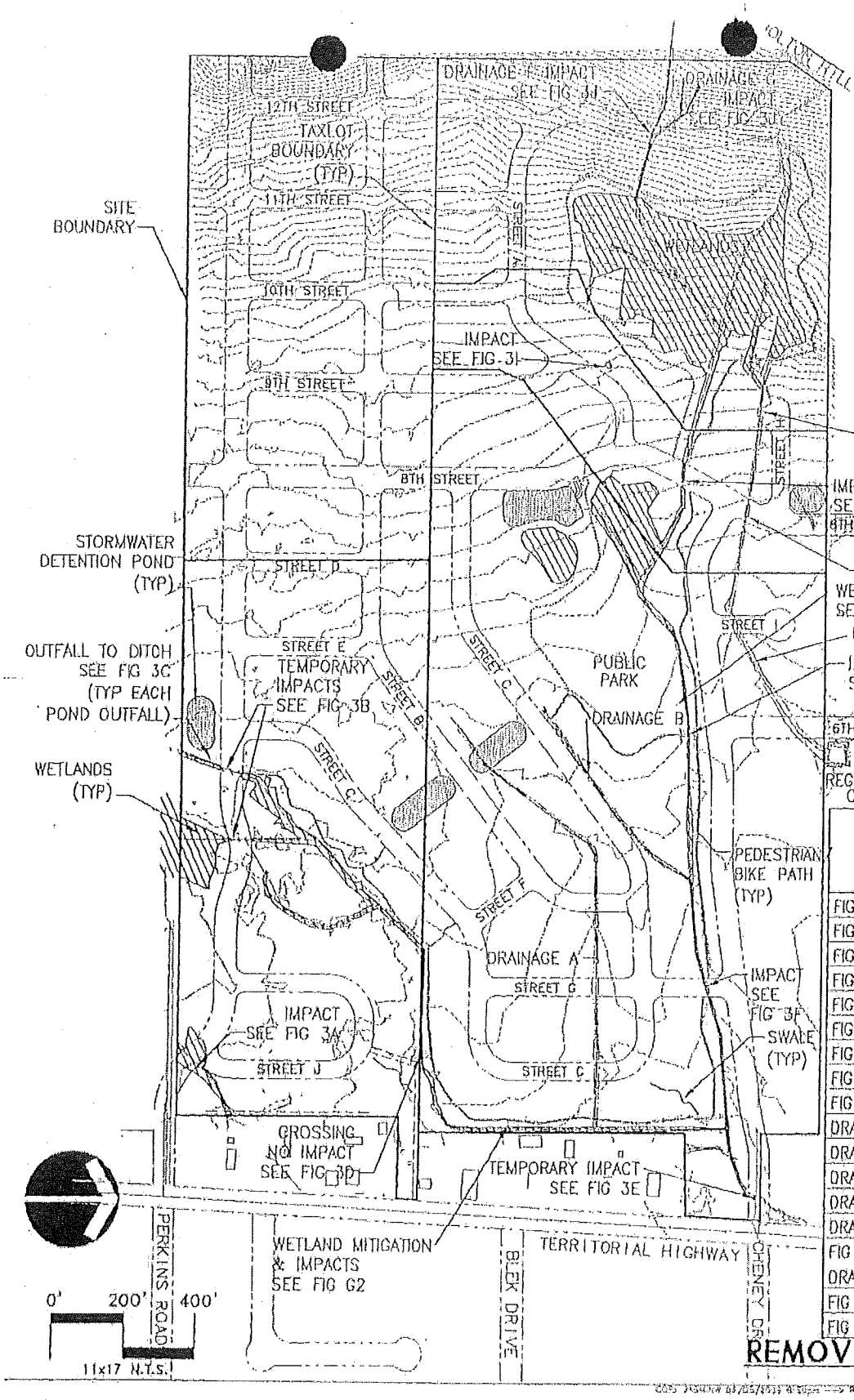


Tax Lots 1602, 1610, 1611, & 1612 Lane County Assessor Map 18 06 01
Tax Lot 800, Lane County Assessor Map 18 06 01 11
Tax Lot 500, Lane County Assessor Map 17 06 36 44
Territorial Road
Veneta, OR 97487

Geo Resources, LLC

FIGURE 6A: WETLAND MAP

Scale: 1" = 160'
Source: DOGAMI Lidar Consortium Lane County Delivery Area 5 - vertical datum: NAVD 88
Flown: 9/10/2013
Lane County GIS taxlot polygon database
Drafted: 2/10/16
Revised: 4/18/16



WETLANDS REGULATED BY OREGON DEPARTMENT OF STATE LANDS (DSL)

	AREA OF IMPACT (ACRES)	TYPE OF IMPACT (TEMPORARY/ PERMANENT/ NONE)
FIG 3A	0.17	PERMANENT
FIG 3B	0.07	TEMPORARY
FIG 3C	–	NONE
FIG 3D	–	NONE
FIG 3E	0.04	TEMPORARY
FIG 3F	0.02	TEMPORARY
FIG 3G	0.002	TEMPORARY
FIG 3H	0.03	TEMPORARY
FIG 3I	0.004	PERMANENT
FIG G1	0.011	PERMANENT
FIG G2	0.012	PERMANENT

WETLANDS AND DRAINAGE REGULATED BY UNITED STATES ARMY CORPS OF ENGINEERS (USACE)

	AREA OF IMPACT (ACRES)	TYPE OF IMPACT (TEMPORARY/ PERMANENT/ NONE)
FIG 3A	0.17	PERMANENT
FIG 3B	0.07	PERMANENT
FIG 3C	–	NONE
FIG 3D	–	NONE
FIG 3E	0.04	PERMANENT
FIG 3F	0.02	PERMANENT
FIG 3G	0.002	PERMANENT
FIG 3H	0.03	PERMANENT
FIG 3I	0.004	PERMANENT
DRAINAGE A	0.09	PERMANENT
DRAINAGE B	0.04	PERMANENT
DRAINAGE C	0.01	PERMANENT
DRAINAGE D	0.03	PERMANENT
DRAINAGE E	0.01	PERMANENT
FIG 3J DRAINAGE F & G	0.01	PERMANENT
FIG G1	0.011	PERMANENT
FIG G2	0.012	PERMANENT

REMOVAL/FILL PERMIT

OTAK
17355 SW Boones Ferry Rd
Lake Oswego, OR 97035
Phone 503.635.3618
Fax 503.635.5395

COE # 200500430

Veneta SW Area Specific Plan

Veneta, Oregon

Date: 5/22/05
Drawn: SLF Checked: JBN
Project No.: 13778
File No.: WC Fig2

LEGEND

PROPERTY BOUNDARY

STUDY AREA BOUNDARY

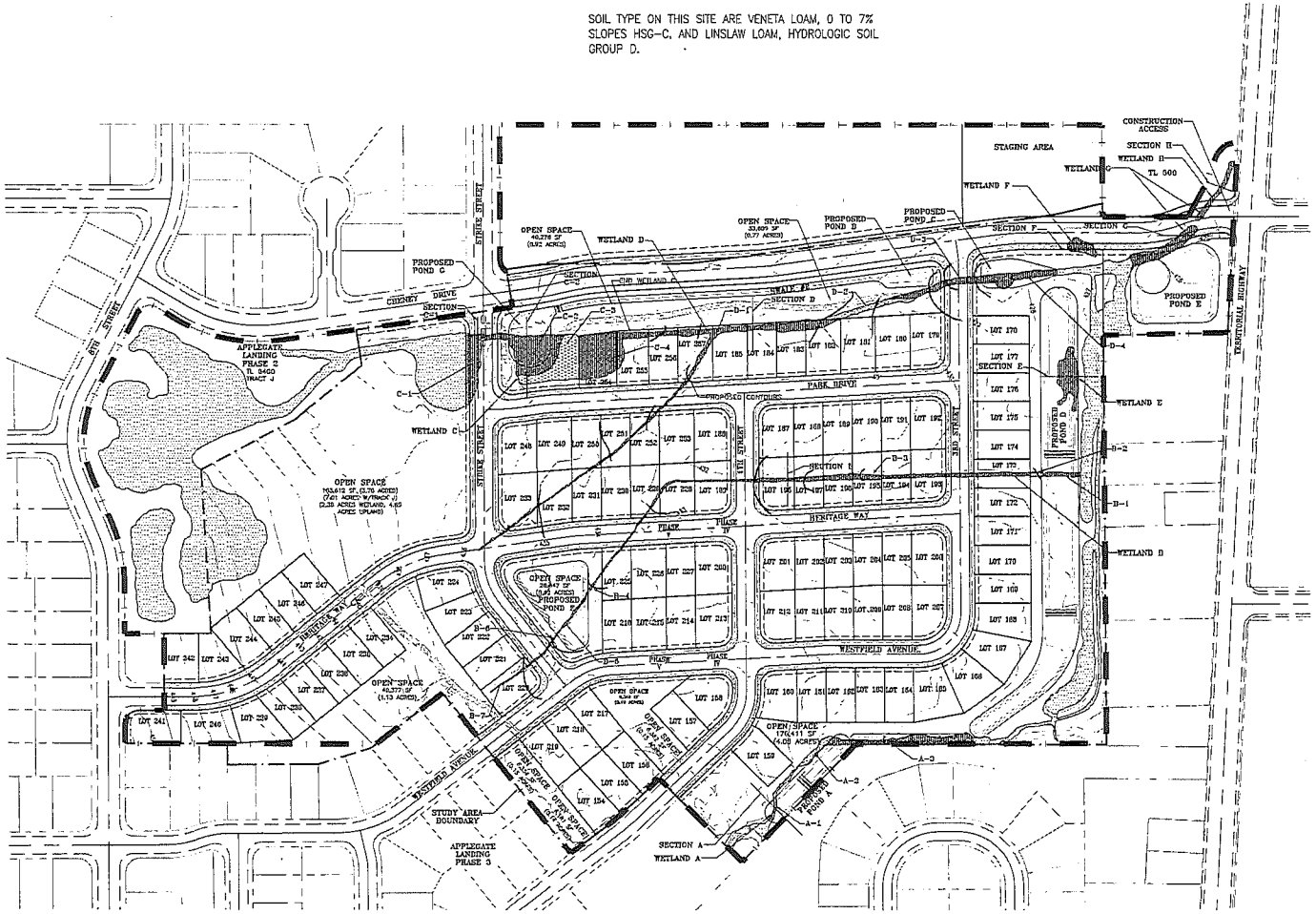
AREA OF WETLAND DIRECT IMPACT

AREA OF WETLAND INDIRECT IMPACT

PEDESTRIAN PATHWAY

WETLANDS TO REMAIN

SOIL TYPE ON THIS SITE ARE VENETA LOAM, 0 TO 7% SLOPES HSC-C, AND LINSLAW LOAM, HYDROLOGIC SOIL GROUP D.



WETLAND IMPACT TABLE

WETLAND A = 4,433 SQ. FT. (0.102 ACRES)
- A-1 230 SF (0.005 ACRES)
  - VOLUME=6.21 CU. YD. CUT DIRECT PERMANENT
- A-2 996 SF (0.023 ACRES)
  - VOLUME=155 CU. YD. FILL INDIRECT PERMANENT
- A-3 3,207 SF (0.074 ACRES
  - VOLUME=59.39 CU. YD. CUT DIRECT PERMANENT

WETLAND B = 5,156 SQ. FT. (0.12 ACRES)
- B-1 512 SF (0.012 ACRES)
  - VOLUME=25.51 CU. YD. CUT DIRECT PERMANENT
- B-2 138 SF (0.003 ACRES)
  - VOLUME=6.72 CU. YD. INDIRECT PERMANENT
- B-3 3,696 SF (0.085 ACRES)
  - VOLUME=167 CU. YD. FILL DIRECT PERMANENT
- B-4 121 SF (0.003 ACRES)
  - VOLUME=5.47 CU. YD. FILL INDIRECT PERMANENT
- B-5 313 SF (0.007 ACRES)
  - VOLUME=29.21 CU. YD. CUT DIRECT PERMANENT
- B-6 25 SF (0.0006 ACRES)
  - VOLUME=1.17 CU. YD. FILL INDIRECT PERMANENT
- B-7 351 SF (0.008 ACRES)
  - VOLUME=15.86 CU. YD. FILL DIRECT PERMANENT

WETLAND C = 19,258 SQ. FT. (0.445 ACRES)
- C-1 3,461 SF (0.08 ACRES)
  - VOLUME=149 CU. YD. FILL DIRECT PERMANENT
- C-2 3,573 SF (0.08 ACRES)
  - VOLUME=247 CU. YD. CUT DIRECT PERMANENT
- C-3 6,162 SF (0.14 ACRES)
  - VOLUME=486 CU. YD. FILL INDIRECT PERMANENT
- C-4 6,062 SF (014 ACRES)
  - VOLUME=754 CU. YD. FILL DIRECT PERMANENT

WETLAND D = 10,876 SQ. FT. (0.25 ACRES)
- D-1 6,355 SF (0.15 ACRES)
  - VOLUME=287 CU. YD. FILL DIRECT PERMANENT
- D-2 1,874 SF (0.04 ACRES)
  - VOLUME=85 CU. YD. FILL INDIRECT PERMANENT
- D-3 729 SF (0.02 ACRES)
  - VOLUME=126 CU. YD. FILL DIRECT PERMANENT
- D-4 1,918 SF (0.04 ACRES)
  - VOLUME=75 CU. YD. FILL INDIRECT PERMANENT

WETLAND E = 2,760 SQ. FT. (0.063 ACRES)
- VOLUME=146 CU. YD. CUT DIRECT PERMANENT

WETLAND F = 1,026 SQ. FT. (0.024 ACRES)
- VOLUME=19 CU. YD. FILL DIRECT PERMANENT

WETLAND G = 2,659 SQ. FT. (0.061 ACRES)
- VOLUME=166 CU. YD. FILL
- 16 CU. YD. CUT DIRECT PERMANENT

WETLAND H = 696 SQ. FT. (0.016 ACRES)
- VOLUME=12.89 CU. YD. CUT
- DIRECT PERMANENT

TOTAL WETLAND AREA = 3.82 ACRES
TOTAL WETLAND IMPACT = 46,864 SQ. FT. (1.08 ACRES)

Digitally signed by Scott Morris
Date: 2016.09.26 15:27:16 -07'00'

SCALE: 1"=100'

100' 0 100' 200'

Olson & Morris
Consulting Engineers & Surveyors
388 D STREET
SPRINGFIELD, OR 97477
PHONE: (541) 302-9720
go@OlsonMorris.com

Wetland Impact Full Build

Veneta Lane County Oregon

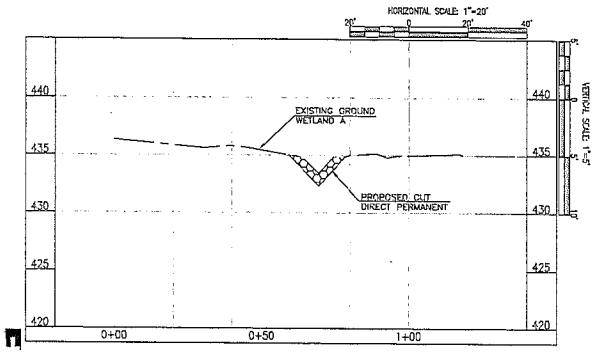
DATE:
PROJECT No: 1119
SCALE: 1"=100'
VERT
REVIEWED BY:
REVIEWED BY:
REVIEWED BY:
CIVIL

REVISIONS:
1. PA Application 4/19/16
2. PA Submittal 9/26/16

T

PREFERRED PLAN

CROSS SECTIONS



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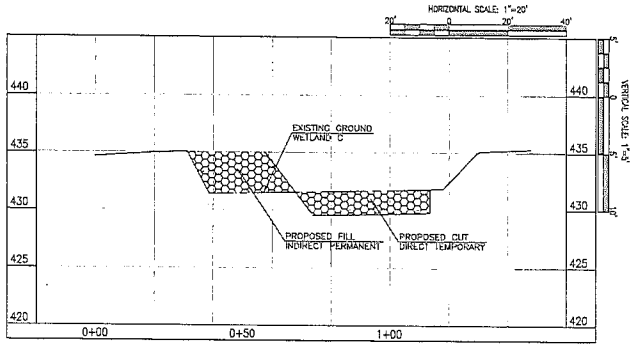

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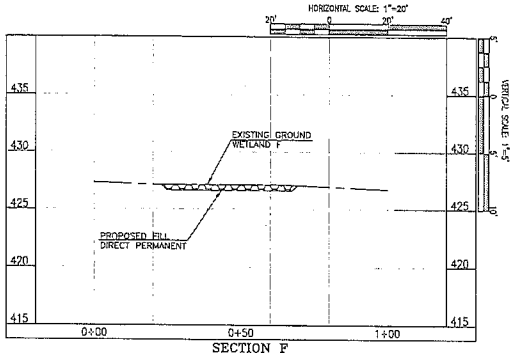

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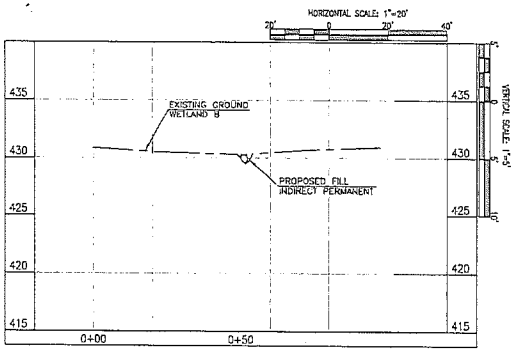

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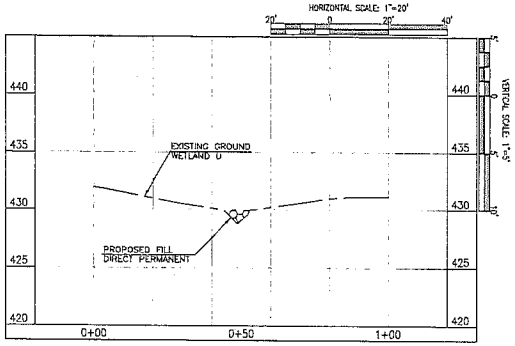

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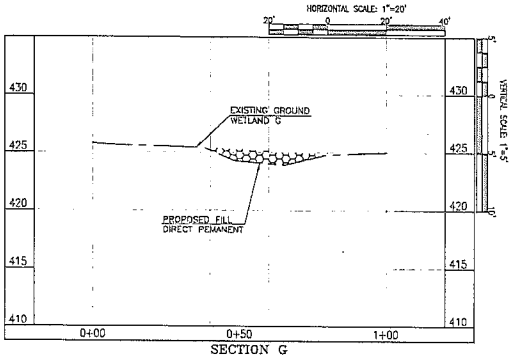

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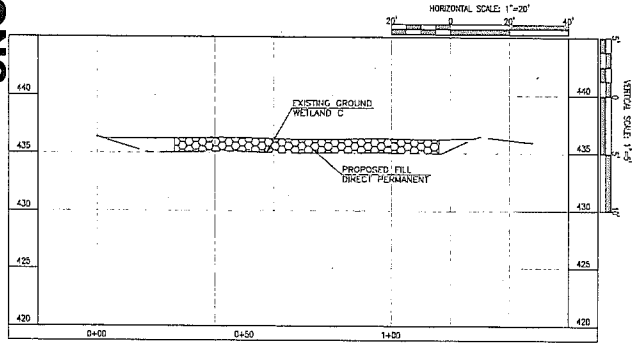

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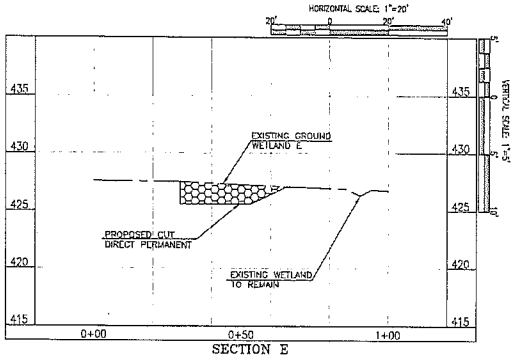

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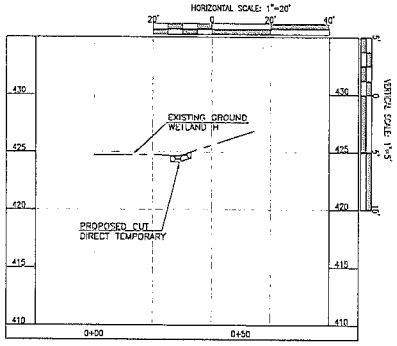


SECTION H

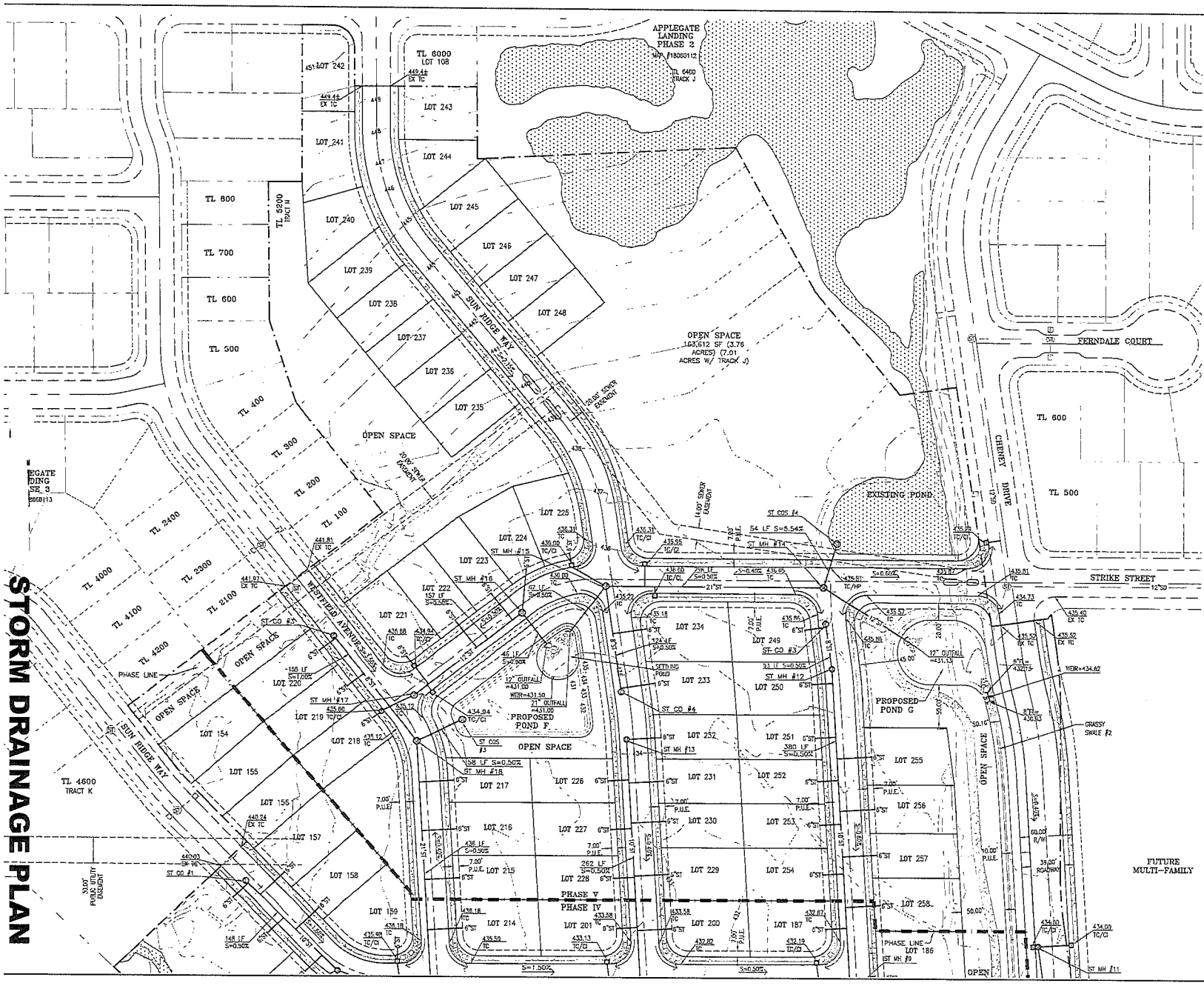
Olson & Morris
Consulting Engineers
385 Q STREET
SPRINGFIELD, OR. 97477
PHONE: (541) 302-9790

REGISTERED PROFESSIONAL ENGINEER
18,663
OREGON
JULY 1, 2014
RENEWAL DATE

DATE:
PROJECT No: 1119
SCALE: HORZ. 1"=60'
VERT.
REVIEWED BY:
REVIEWED BY:
REVIEWED BY:

REVISIONS
1. IPA Submittal 4/19/16
2. IPA Submittal 9/28/16

STORM DRAINAGE PLAN



GRADING LEGEND

⟵	PROPOSED FLOW DIRECTION
S=0.50%	PROPOSED SLOPE
CI	CURB INLET
EX	EXISTING
TC	TOP OF CURB

LEGEND

- BOUNDARY LINE
- ADJACENT LOT LINE
- EXISTING CURB
- 12"SD — ST — EXISTING STORM DRAINAGE SYSTEM
- 12"ST — ST — PROPOSED STORM DRAINAGE SYSTEM

STORM DRAINAGE TABLE

ST MH #12
8" FL IN (SW)=430.08
10" FL OUT (NE)=430.08
RIM ELEV.=435.00

ST CO #3
8" FL OUT (NE)=430.35
RIM ELEV.=435.42

ST MH #13
9" FL IN (NW)=430.93
10" FL OUT (NE)=430.93
RIM ELEV.=434.06

ST MH #14
15" FL IN (NW)=431.75
12" FL OUT (NE)=431.72
21" FL OUT (S)=432.75
RIM ELEV.=438.13

ST MH #15
8" FL IN (NE)=431.27
10" FL IN (NW)=431.27
21" FL IN (N)=431.27
21" FL OUT (E)=431.27
RIM ELEV.=435.66

ST CO #4
8" FL OUT (SW)=431.80
RIM ELEV.=435.16

ST MH #18
12" FL IN (SE)=431.23
12" FL OUT (E)=431.23
RIM ELEV.=435.64

ST MH #17
10" FL IN (SE)=432.01
12" FL OUT (NW)=432.01
RIM ELEV.=434.80

ST MH #16
18" FL IN (N)=430.31
21" FL OUT (E)=430.31
RIM ELEV.=434.87

ST CO #5
8" FL OUT (NE)=431.86
RIM ELEV=438.80

ST COS #3
4" ORIFICE=431.00
4" ORIFICE=431.50
4" ORIFICE=432.00
18" GRATE=433.50
18" FL OUT=431.00

ST COS #4
6" ORIFICE=434.74
6" ORIFICE=435.28
4" ORIFICE=435.74
24" GRATE=436.24
15" FL OUT=434.74

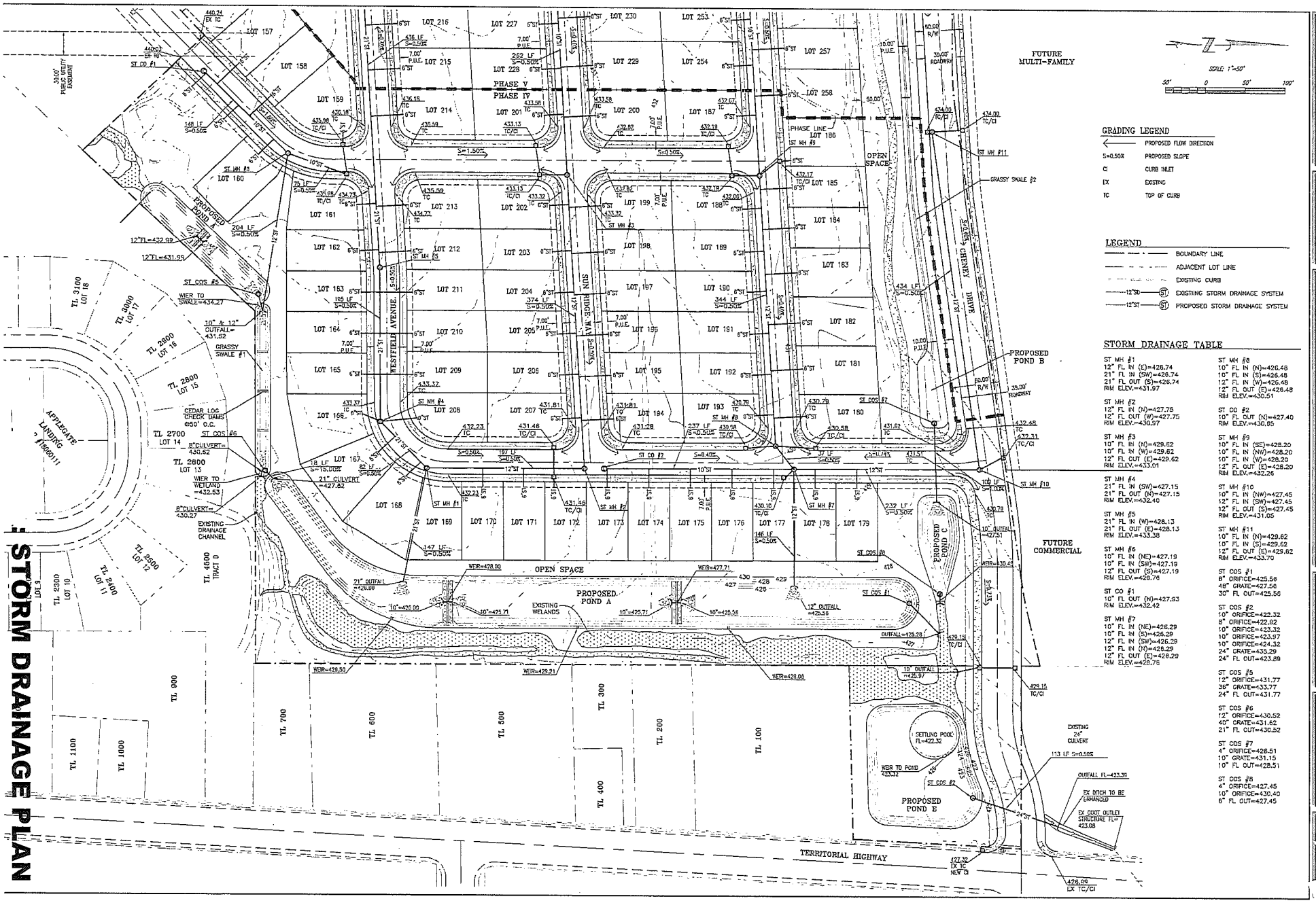
Olson & Morris Consulting Engineers
358 Q STREET
SPRINGFIELD, OR. 97477

REGISTERED PROFESSIONAL ENGINEER 18864 OREGON JULY 22, 1986 SCOTT A. MORRIS

Site Grading/Storm Drainage Plan

DATE:
PROJECT No: 1119
SCALE: 1"=50'
DRAWN BY:
REVIEWED BY:
REVIEWED BY:

REVISIONS:
1. DRAINAGE SUBMITTAL 4/22/16



STORM DRAINAGE PLAN

GRADING LEGEND

←	PROPOSED FLOW DIRECTION
S=0.50%	PROPOSED SLOPE
CI	CURB INLET
EX	EXISTING
TC	TOP OF CURB

LEGEND

	BOUNDARY LINE
	ADJACENT LOT LINE
	EXISTING CURB
12"SD — ST	EXISTING STORM DRAINAGE SYSTEM
12"ST — ST	PROPOSED STORM DRAINAGE SYSTEM

STORM DRAINAGE TABLE

ST MH #1
12" FL IN (E)=426.74
21" FL IN (SW)=426.74
21" FL OUT (S)=426.74
RIM ELEV.=431.97

ST MH #2
12" FL IN (N)=427.75
12" FL OUT (W)=427.75
RIM ELEV.=430.97

ST MH #3
10" FL IN (N)=429.62
10" FL IN (W)=429.62
12" FL OUT (E)=429.62
RIM ELEV.=433.01

ST MH #4
21" FL IN (SW)=427.15
21" FL OUT (N)=427.15
RIM ELEV.=432.40

ST MH #5
21" FL IN (W)=428.13
21" FL OUT (E)=428.13
RIM ELEV.=433.38

ST MH #6
10" FL IN (NE)=427.19
10" FL IN (SW)=427.19
12" FL OUT (S)=427.19
RIM ELEV.=428.76

ST CO #1
10" FL OUT (N)=427.93
RIM ELEV.=432.42

ST MH #7
10" FL IN (NE)=426.29
10" FL IN (S)=426.29
12" FL IN (SW)=426.29
12" FL IN (N)=426.29
12" FL OUT (E)=426.29
RIM ELEV.=429.76

ST MH #8
10" FL IN (N)=426.48
10" FL IN (S)=426.48
12" FL IN (W)=426.48
12" FL OUT (E)=426.48
RIM ELEV.=430.51

ST CO #2
10" FL OUT (N)=427.40
RIM ELEV.=430.05

ST MH #9
10" FL IN (SE)=428.20
10" FL IN (NW)=428.20
10" FL IN (W)=428.20
12" FL OUT (E)=428.20
RIM ELEV.=432.26

ST MH #10
10" FL IN (NW)=427.45
12" FL IN (SW)=427.45
12" FL OUT (S)=427.45
RIM ELEV.=431.05

ST MH #11
10" FL IN (N)=429.62
10" FL IN (S)=429.62
12" FL OUT (E)=429.62
RIM ELEV.=433.70

ST COS #1
8" ORIFICE=425.56
48" GRATE=427.56
30" FL OUT=425.56

ST COS #2
10" ORIFICE=422.32
8" ORIFICE=422.92
10" ORIFICE=423.32
10" ORIFICE=423.97
10" ORIFICE=424.32
24" GRATE=435.29
24" FL OUT=423.89

ST COS #5
12" ORIFICE=431.77
36" GRATE=433.77
24" FL OUT=431.77

ST COS #6
12" ORIFICE=430.52
40" GRATE=431.62
21" FL OUT=430.52

ST COS #7
4" ORIFICE=428.51
10" GRATE=431.15
10" FL OUT=428.51

ST COS #8
4" ORIFICE=427.45
10" ORIFICE=430.40
6" FL OUT=427.45

Olson & Morris
Consulting Engineers
350 Q STREET
SPRINGFIELD, OR. 97477
PHONE: (541) 302-9790

REGISTERED PROFESSIONAL ENGINEER
16,663
OREGON
LLOYD DEAN MORRIS

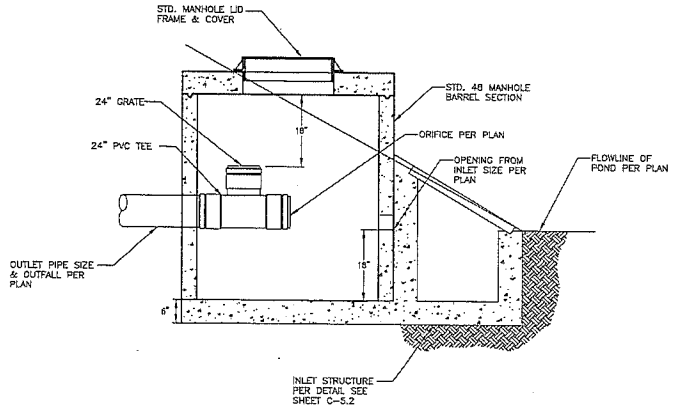
Site Grading/Storm Drainage Plan

for

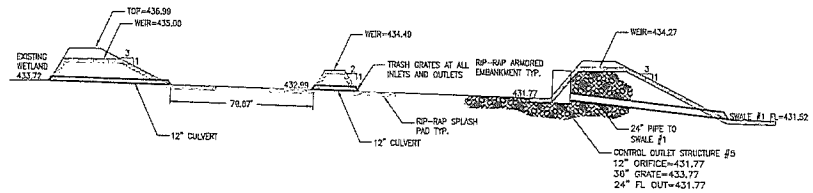
DATE:
PROJECT No. 1119
SCALE: 1"=50'
REVIEWED BY:
REVIEWED BY:
REVIEWED BY:

REVISIONS:
1. TENTATIVE SUBMITTAL 4/22/16

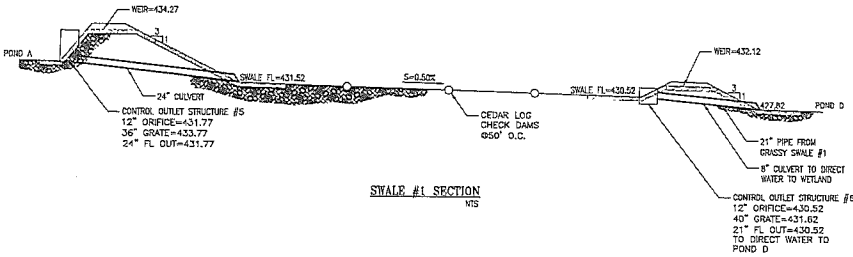
STORM DRAINAGE DETAILS



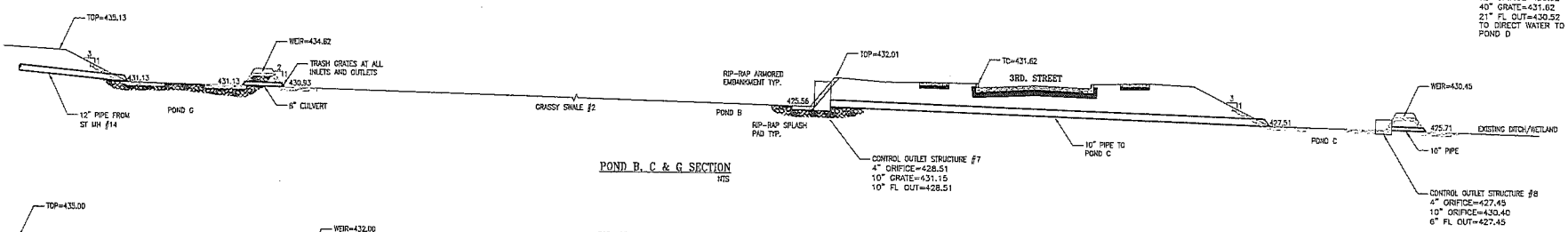
CONTROL OUTLET STRUCTURE DETAIL
NTS



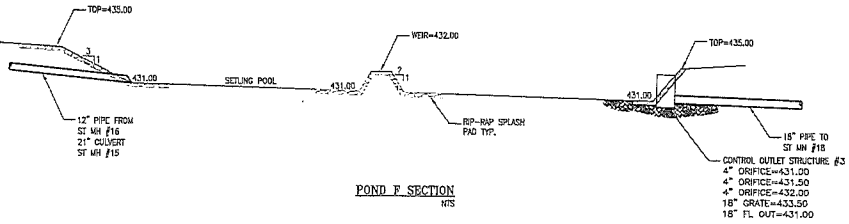
POND A SECTION
NTS



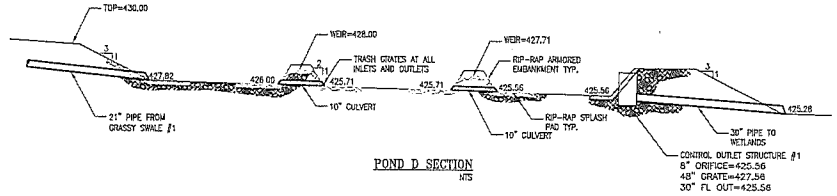
SWALE #1 SECTION
NTS



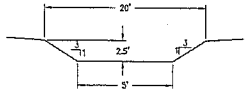
POND B, C & G SECTION
NTS



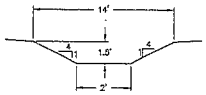
POND F SECTION
NTS



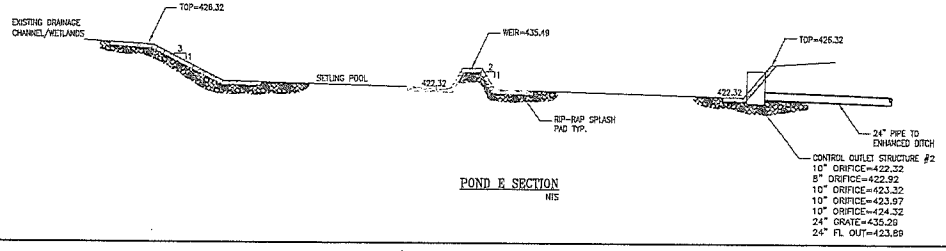
POND D SECTION
NTS



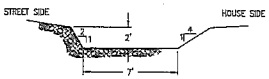
GRASSY SWALE #1
NTS



GRASSY SWALE #2
NTS



POND E SECTION
NTS



DITCH ENHANCEMENT FOR TL 500
NTS

Olson & Morris Consulting Engineers
355 Q STREET
SPRINGFIELD, OR. 97477

REGISTERED PROFESSIONAL ENGINEER
18,663
OREGON
SCOTT A. MORRIS

Storm Drainage Details
for

DATE:
PROJECT No. 1119
SCALE: NTS
NOT
REVIEWED BY:
REVIEWED BY:

REVISIONS:
2. SPL SUBMITTAL 3/26/16