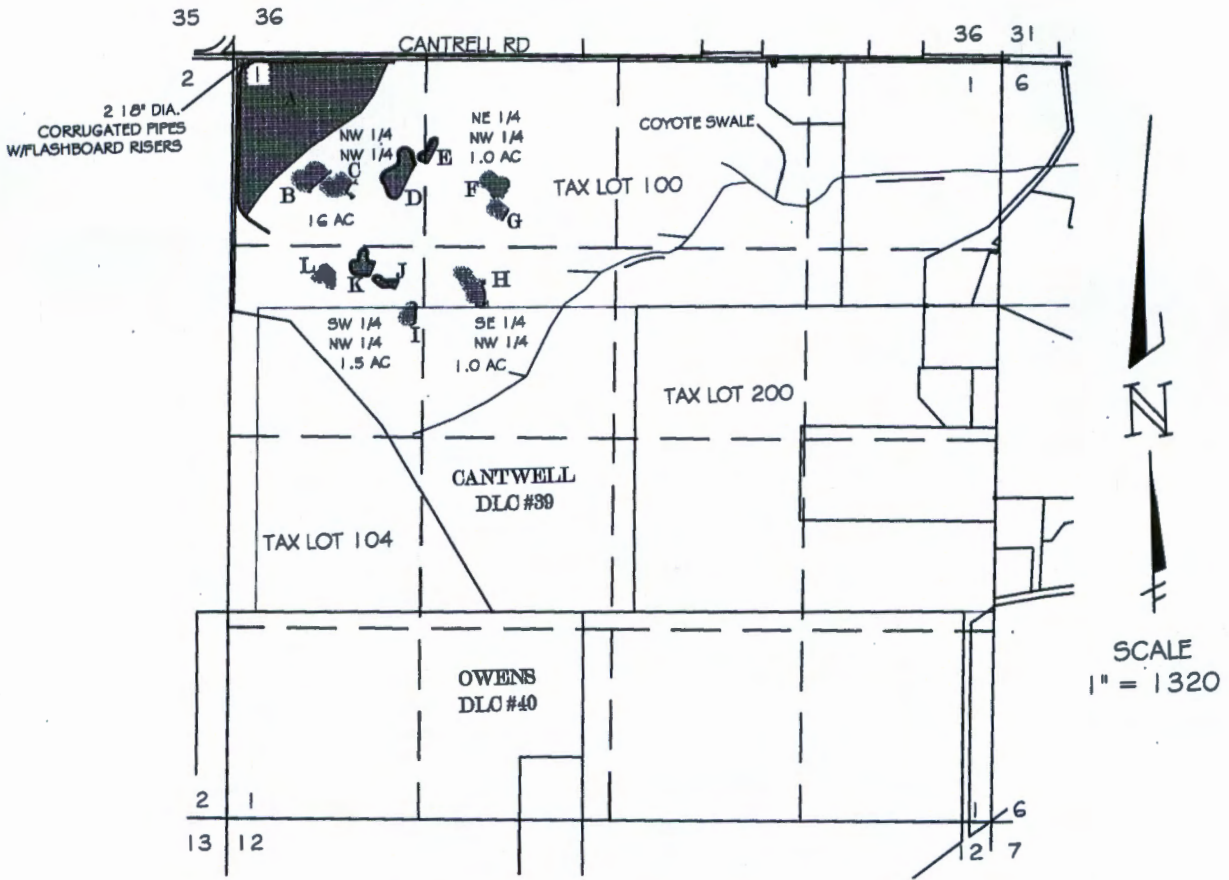


TOWNSHIP 18 SOUTH, RANGE 5 WEST, W.M.



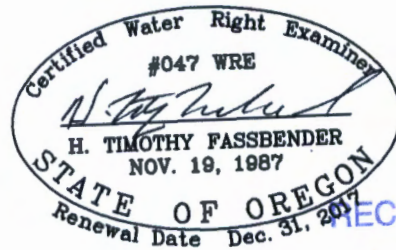
DENOTES AREA OF VERNAL POOL STORED WATER RESERVOIR

NOTE
THE PREPARATION OF THE MAP WAS FOR THE PURPOSE OF IDENTIFYING THE LOCATION OF THE WATER RIGHT ONLY. IT IS NOT INTENDED TO PROVIDE LOCATION NOR DIMENSION OF PROPERTY OWNERSHIP LINES.

VERNAL POOL LOCATIONS FROM NW COR. SEC. 1

- A - 544°11'20"E 140.38'
- B - 530°25'14"E 931.42'
- C - 538°17'48"E 1105.01'
- D - 552°16'41"E 1341.79'
- E - 562°05'20"E 1498.31'
- F - 562°11'09"E 1906.71'
- G - 557°58'44"E 2056.68'
- H - 544°02'38"E 2139.58'
- I - 532°14'58"E 2139.27'
- J - 531°12'31"E 1813.90'
- K - 529°19'56"E 1671.30'
- L - 518°24'10"E 1636.70'

SURFACE WATER APPLICATION MAP
FOR
CITY OF EUGENE
1820 ROOSEVELT BLVD
EUGENE, OR. 97401
541-682-4888
BY
H. TIMOTHY FASSBENDER, PLS, CWRE
99 E. BROADWAY SUITE 400
EUGENE, OR. 97401
541-682-2704
APRIL 5, 2016



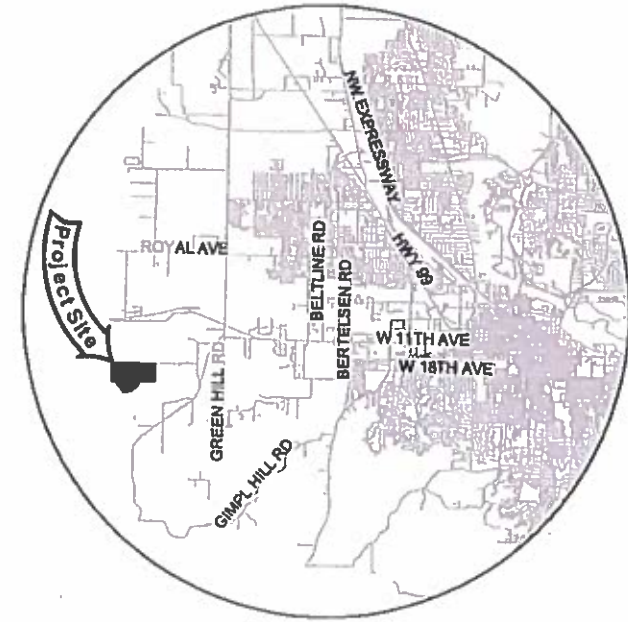
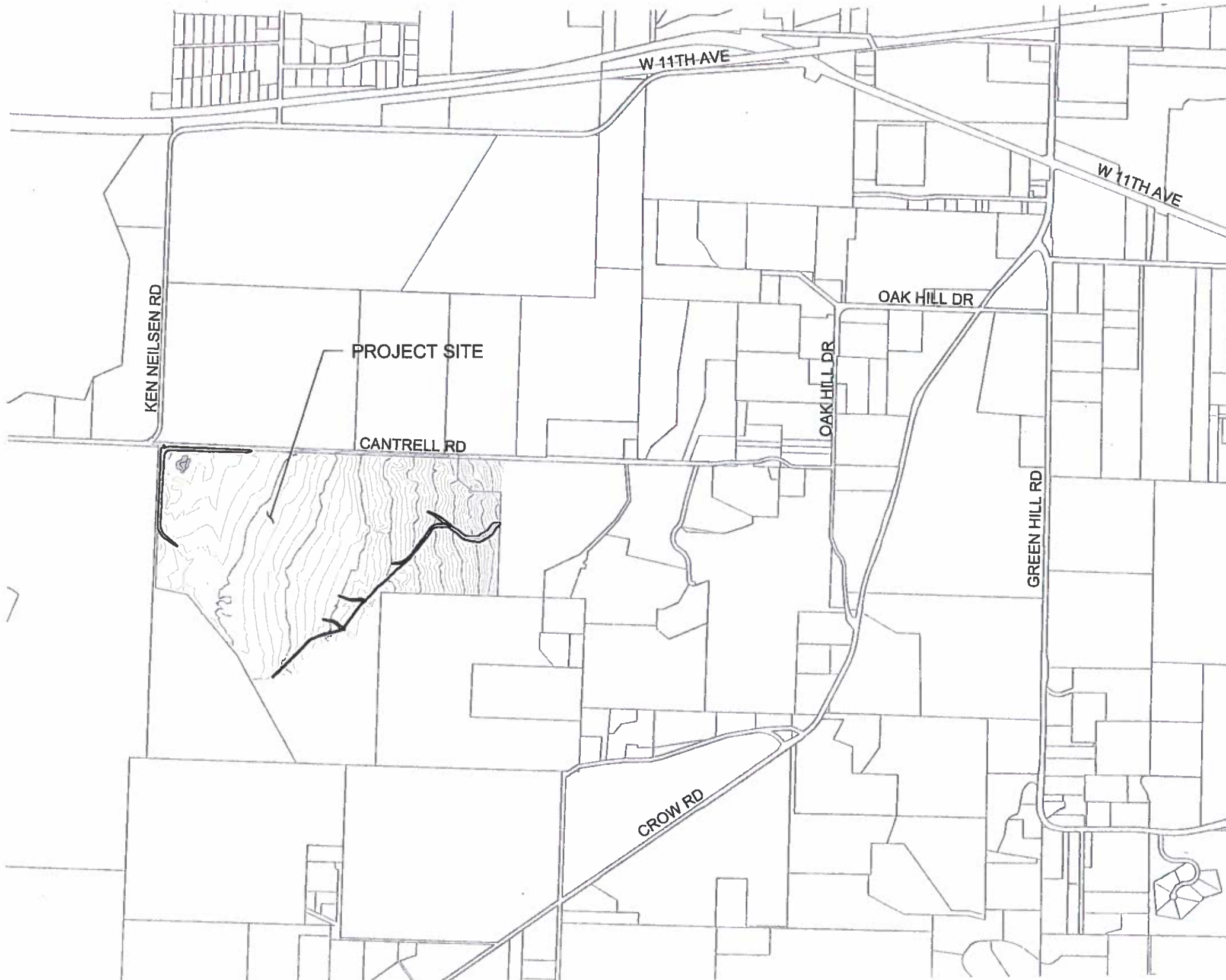
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SALEM, OR

R-88313

WETLAND MITIGATION BANK COYOTE PRAIRIE NORTH RESTORATION



SHEET INDEX	
Sheet No.	Sheet Title
1	COVER SHEET
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C-1	PLAN SHEET
C-2	COYOTE SWALE PLAN & PROFILE
C-3	EMBANKMENT BERM PLAN & PROFILE
C-4	SPILLWAY SWALE PLAN & PROFILE
XS-1	COYOTE SWALE SECTIONS STA 0+50 TO 6+00
XS-2	COYOTE SWALE SECTIONS STA 6+50 TO 11+50
XS-3	COYOTE SWALE SECTIONS STA 12+00 TO 14+50
XS-4	COYOTE SWALE SECTIONS STA 15+00 TO 16+50
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XS-6	COYOTE SWALE NORTH SIDE CHANNEL-SECTIONS
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XS-8	EMBANKMENT BERM SECTIONS STA 3+00 TO 13+85
XS-9	EMBANKMENT BERM SECTIONS STA 14+10 TO 23+75
XS-10	SPILLWAY SWALE-SECTIONS
CS-1	CSMP PLAN
TC-1	TRAFFIC CONTROL




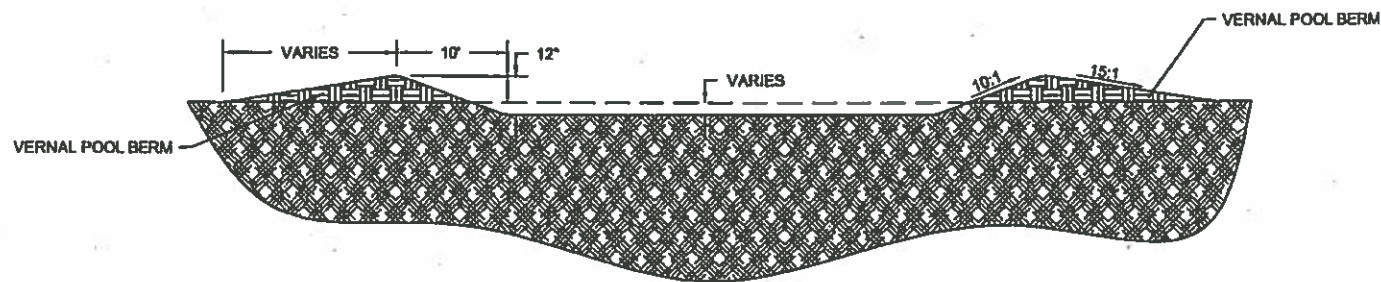
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SALEM, OR

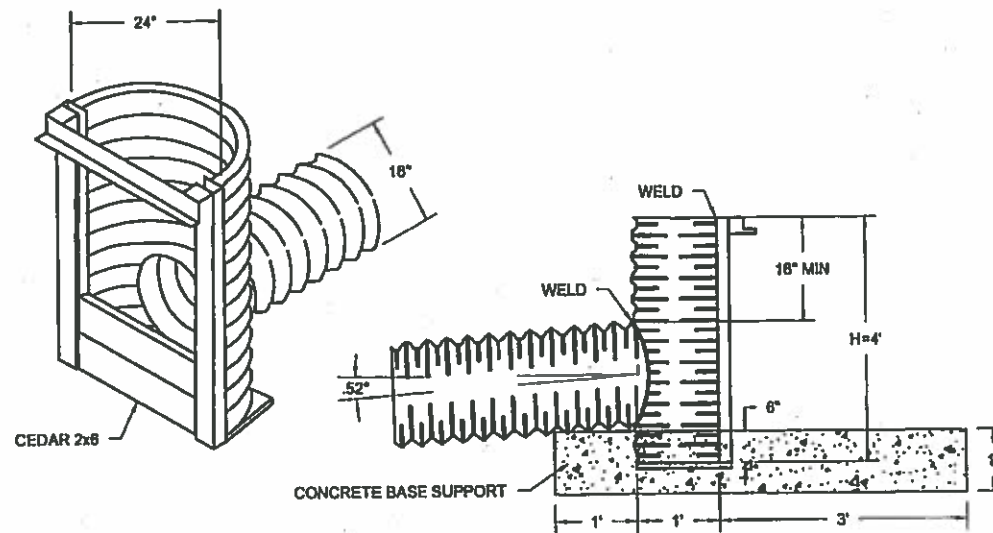


EXPIRES: 06/30/2016

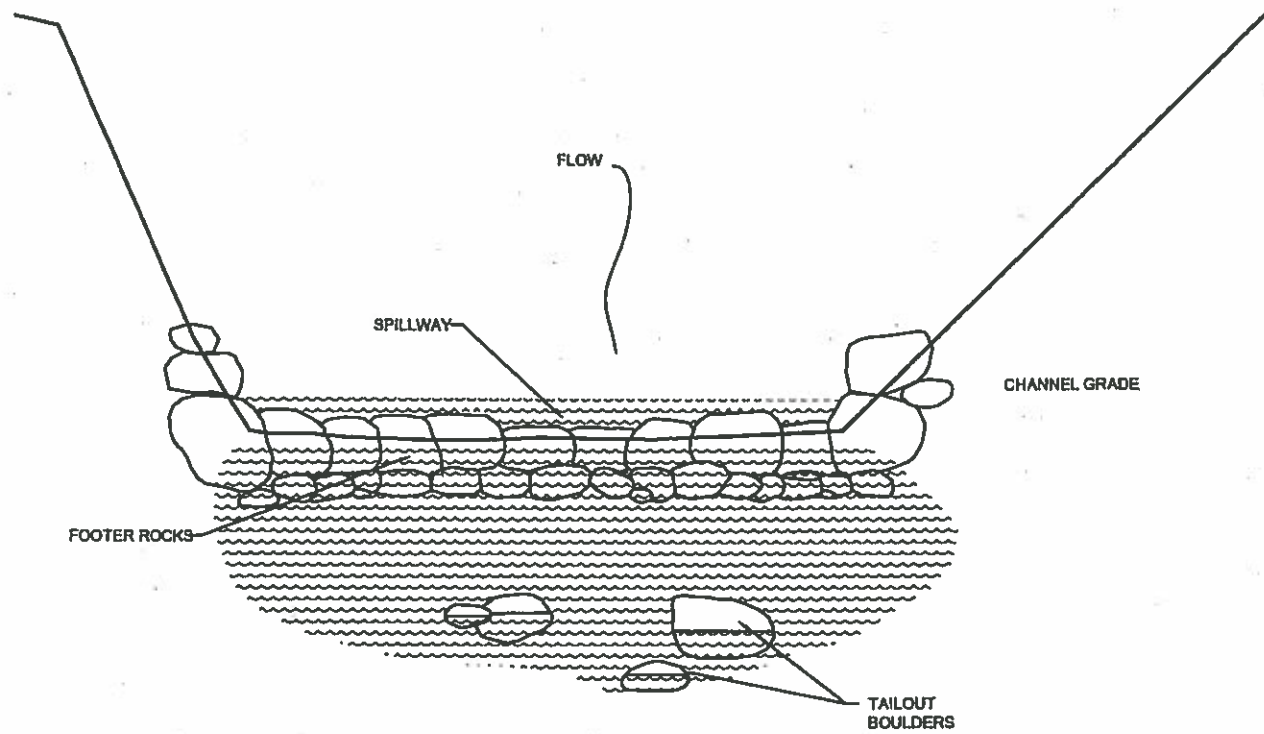
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5/13/2015	NTS	D. SINGER	L. COPENHAGEN	P. KLOPFER	4884				
WMB: COYOTE PRAIRIE NORTH RESTORATION COVER SHEET									
CITY OF EUGENE, OREGON DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION									
									
NADRSINGVDRR									
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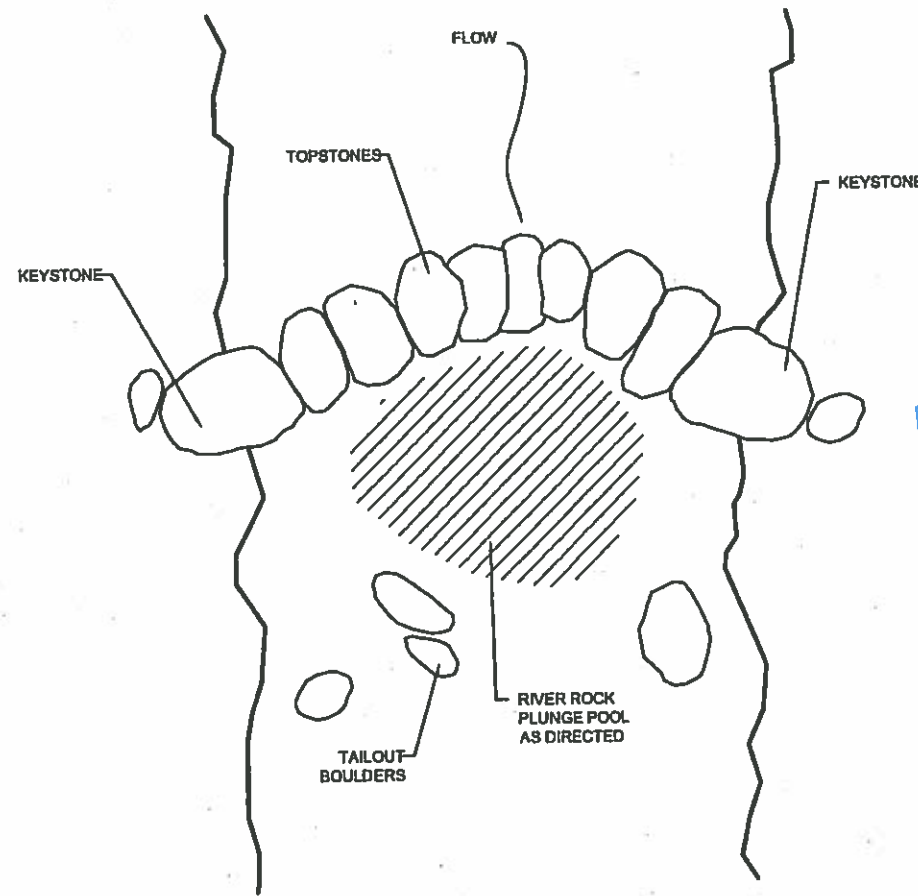
A TYPICAL SECTION VERNAL POOL
(LOOKING DOWNSTREAM) NTS



B FLASHBOARD RISER DETAIL NTS
USE U.S. FISH & WILDLIFE SERVICE TYPE 2 RISER OR APPROVED EQUAL
CONCRETE BASE SUPPORT SHOULD BE A MINIMUM OF 2.5' WIDE x 5' LONG x 1' DEEP

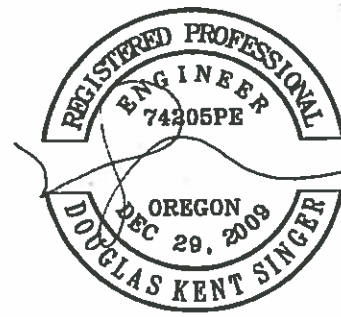


C BOULDER STRUCTURE SECTION
(LOOKING UPSTREAM) NTS



D BOULDER STRUCTURE PLAN NTS

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SALEM, OR



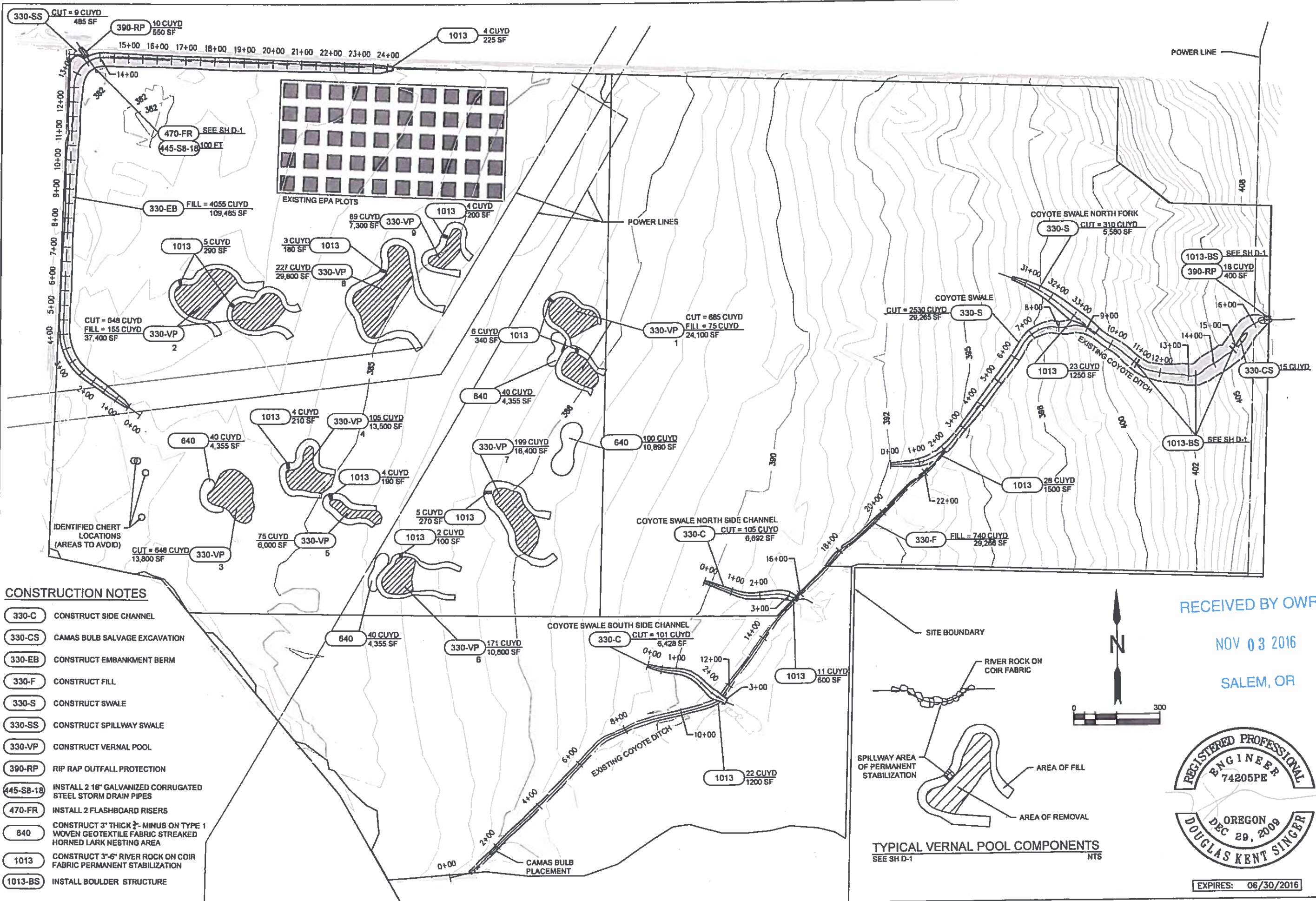
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5/13/2015	NTS	D. SINGER	L. COPENHAGEN	P. KLOPE	4884			

WMB: COYOTE PRAIRIE
NORTH RESTORATION
DETAILS

CITY OF
EUGENE, OREGON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

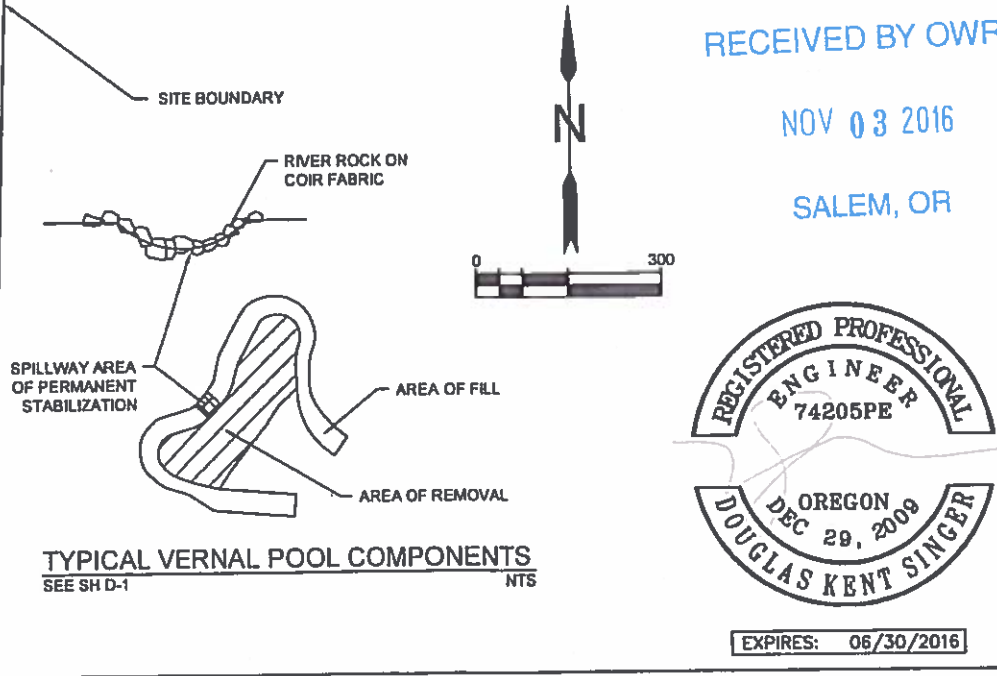


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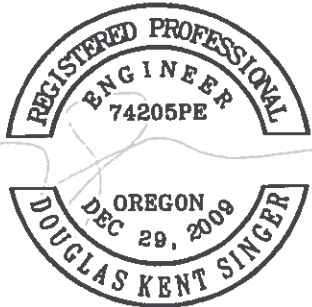


CONSTRUCTION NOTES

- 330-C CONSTRUCT SIDE CHANNEL
- 330-CS CAMAS BULB SALVAGE EXCAVATION
- 330-EB CONSTRUCT EMBANKMENT BERM
- 330-F CONSTRUCT FILL
- 330-S CONSTRUCT SWALE
- 330-SS CONSTRUCT SPILLWAY SWALE
- 330-VP CONSTRUCT VERNAL POOL
- 390-RP RIP RAP OUTFALL PROTECTION
- 445-S8-18 INSTALL 2 18" GALVANIZED CORRUGATED STEEL STORM DRAIN PIPES
- 470-FR INSTALL 2 FLASHBOARD RISERS
- 640 CONSTRUCT 3" THICK 3/4" MINUS ON TYPE 1 WOVEN GEOTEXTILE FABRIC STREADED HORNED LARK NESTING AREA
- 1013 CONSTRUCT 3"-6" RIVER ROCK ON COIR FABRIC PERMANENT STABILIZATION
- 1013-BS INSTALL BOULDER STRUCTURE



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EXPIRES: 06/30/2016

DATE	SCALE	GRAPHIC	DESIGNED BY	DRAWN BY	CHECKED BY	PROJECT NO.	REV	DATE	DESCRIPTION	BY
5/13/2015			D. SINGER	L. COPENHAGEN	P. KLOPE	4894				

WMB: COYOTE PRAIRIE NORTH RESTORATION PLAN SHEET

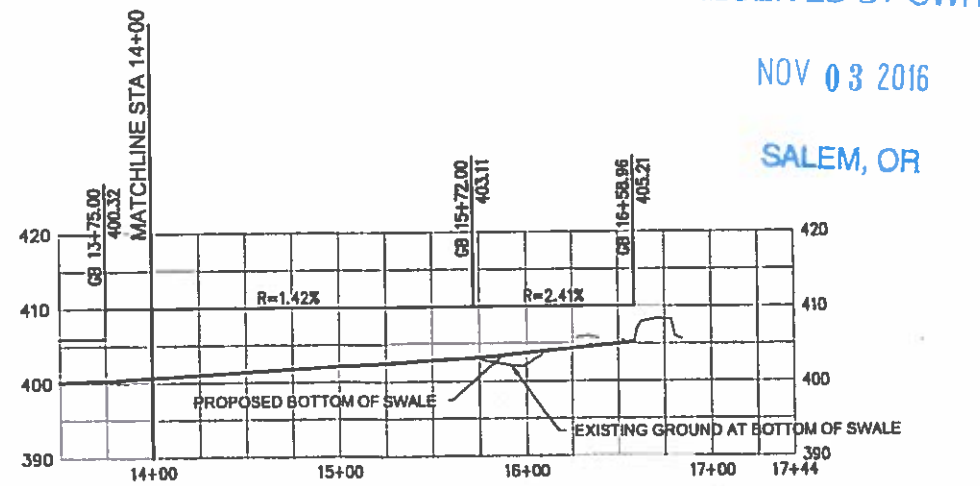
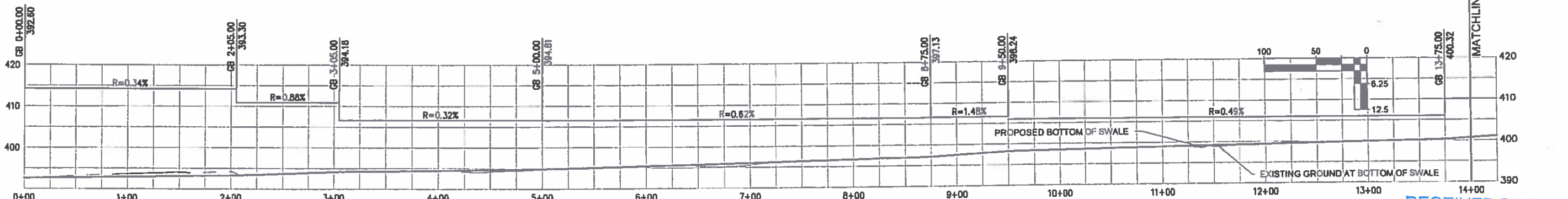
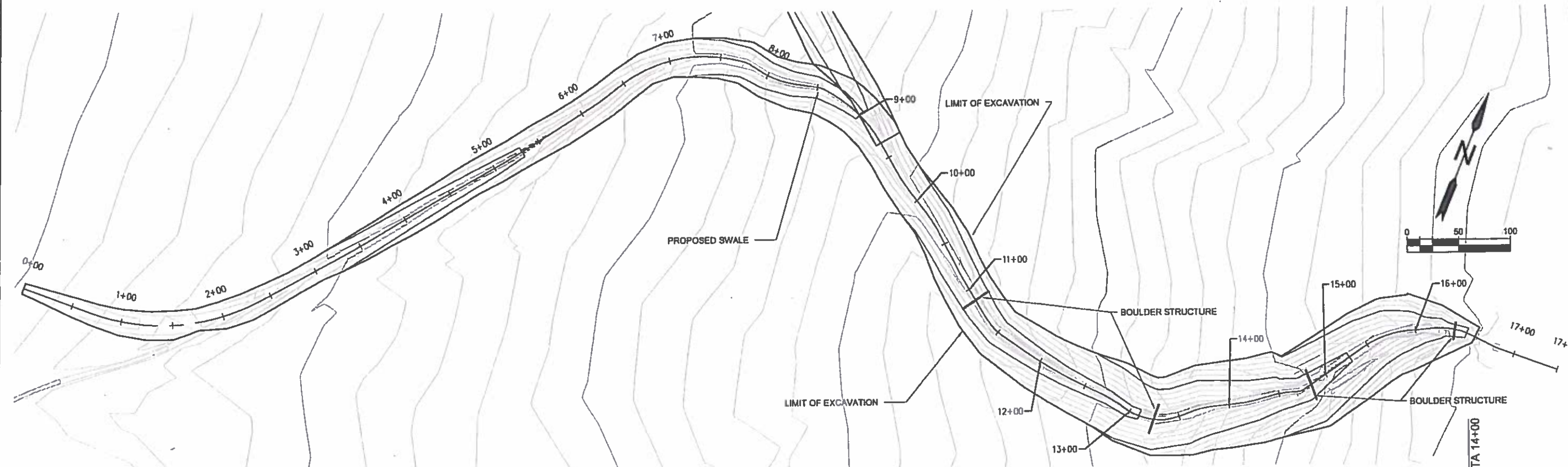
CITY OF EUGENE, OREGON DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION

EXP. DATE: 06/30/2016

C-1

COYOTE SWALE PLAN & PROFILE

DATE	5/13/2015	SCALE	GRAPHIC
DESIGNED BY	D. SINGER	DRAWN BY	L. COPENHAGEN
CHECKED BY	P. KLOPFER	PROJECT NO.	4884
REV.		DATE	
DESCRIPTION			



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WMB: COYOTE PRAIRIE
 NORTH RESTORATION
 COYOTE SWALE PLAN & PROFILE

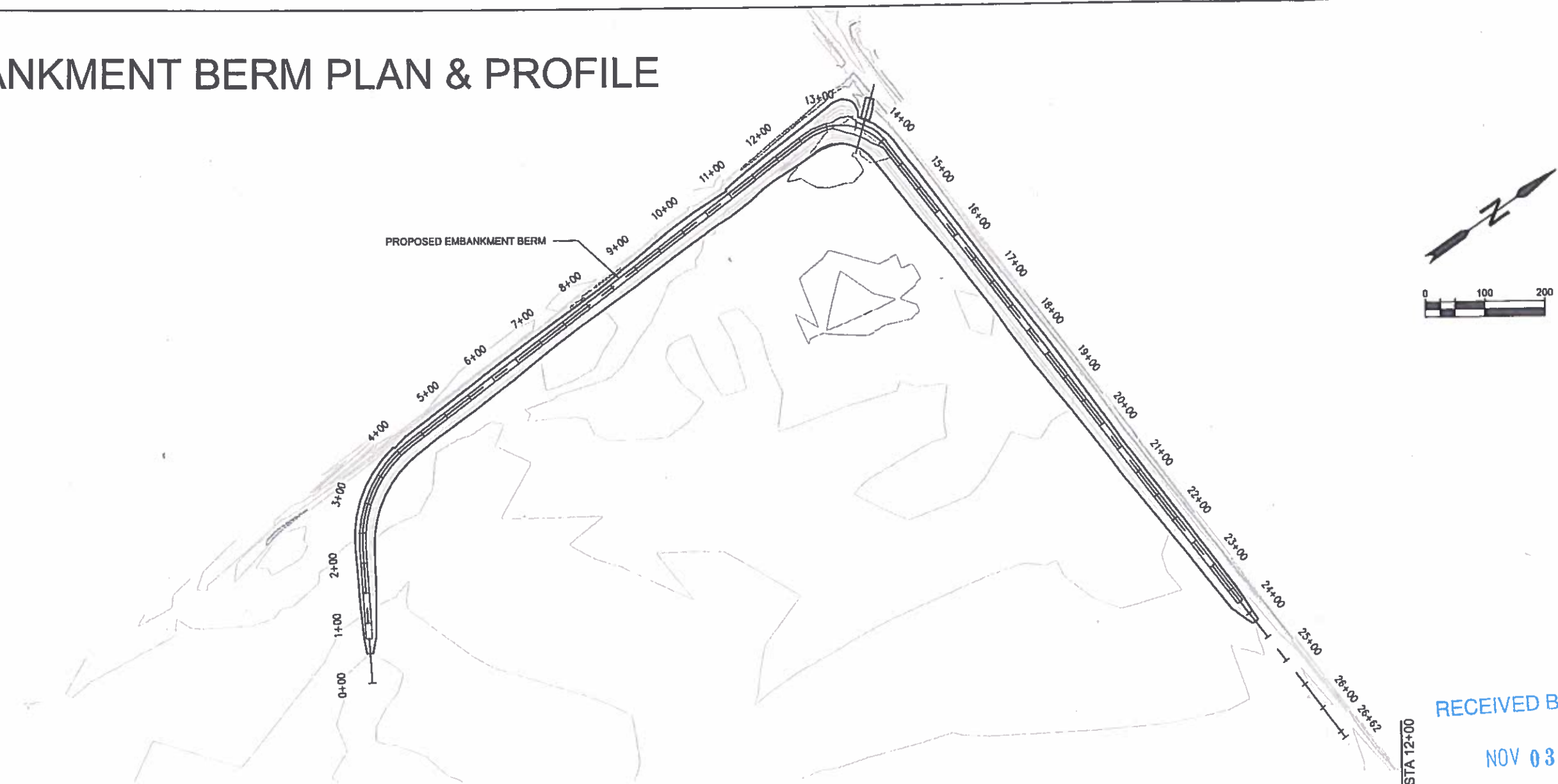
CITY OF
 EUGENE, OREGON
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION



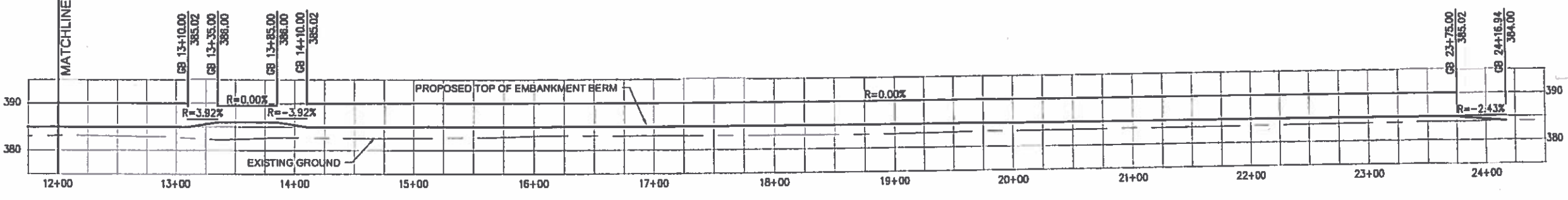
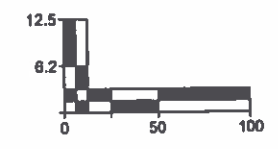
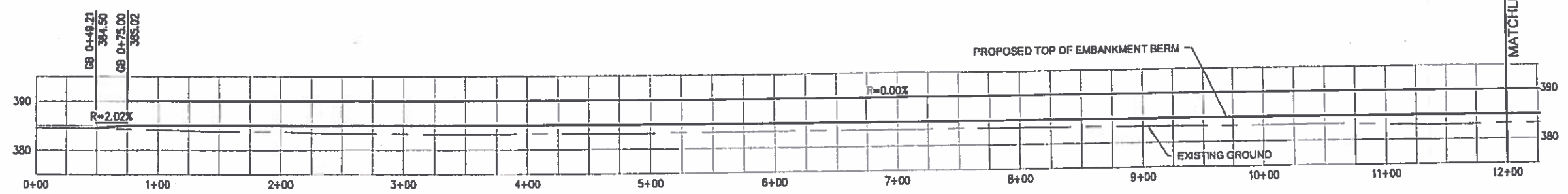
EXPIRES: 06/30/2016



EMBANKMENT BERM PLAN & PROFILE



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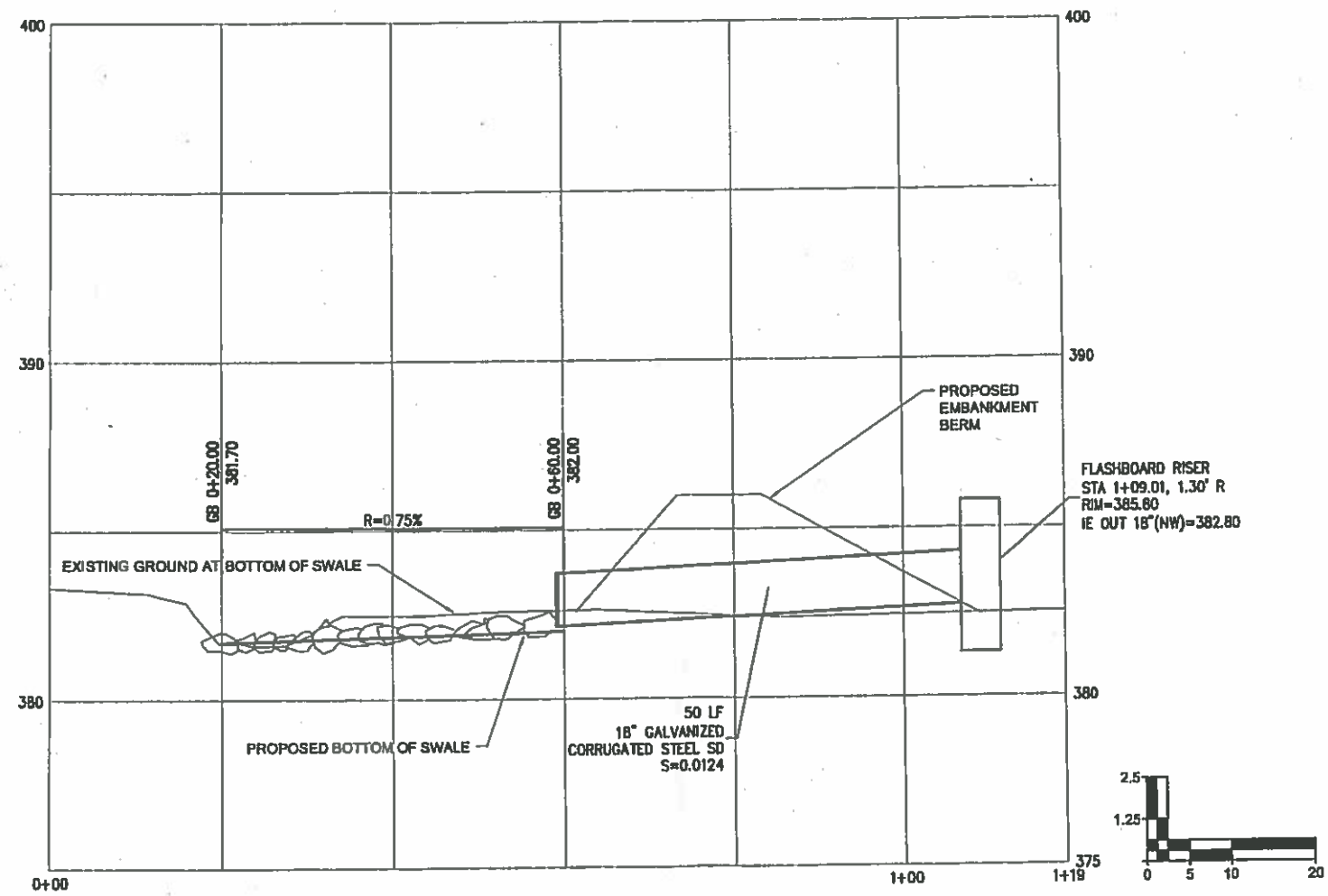
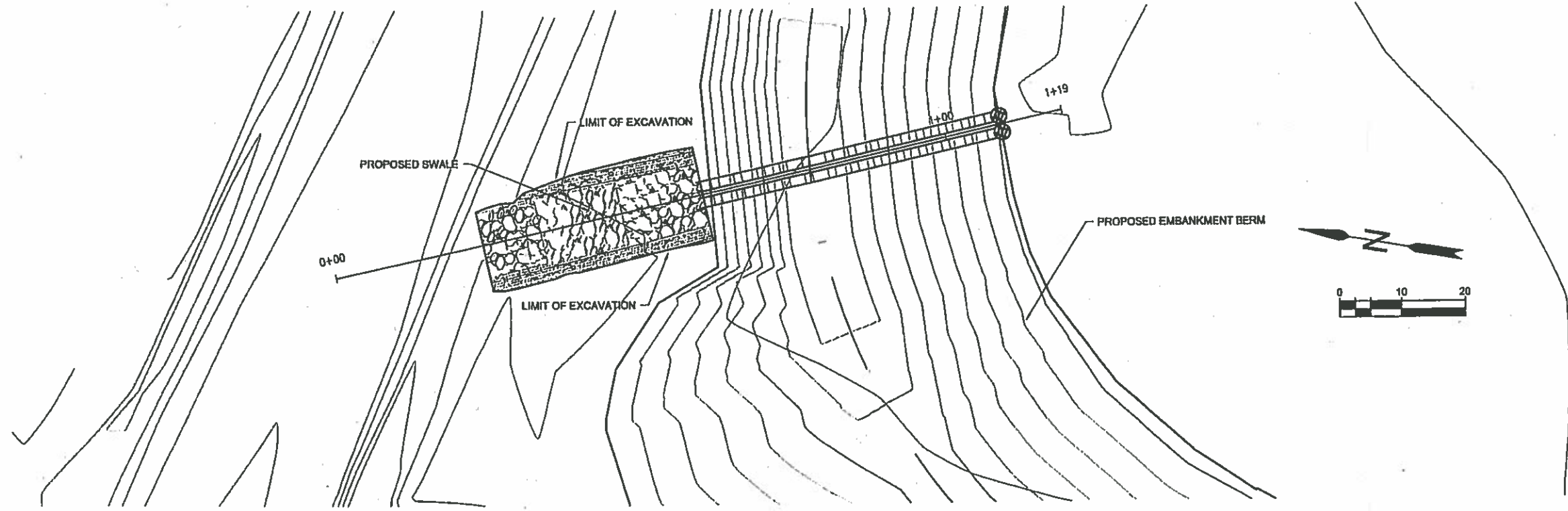
EXPIRES: 06/30/2016

DATE	5/13/2015	REV.	DATE
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DESIGNED BY	D. SINGER	REV.	DATE
DRAWN BY	L. COPENHAGEN	REV.	DATE
CHECKED BY	P. KLOPE	REV.	DATE
PROJECT NO.	4894	REV.	DATE
DESCRIPTION		BY	
WMB: COYOTE PRAIRIE NORTH RESTORATION EMBANKMENT BERM PLAN & PROFILE			
CITY OF EUGENE, OREGON DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION			



C-3

SPILLWAY SWALE PLAN & PROFILE



DATE	SCALE	DESIGNED BY	CHECKED BY	PROJECT NO.	REV.	DATE	DESCRIPTION
5/13/2015	GRAPHIC	D. SINGER	P. KLOPFER	4894			

WMB: COYOTE PRAIRIE
NORTH RESTORATION
SPILLWAY SWALE PLAN & PROFILE

CITY OF
EUGENE, OREGON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

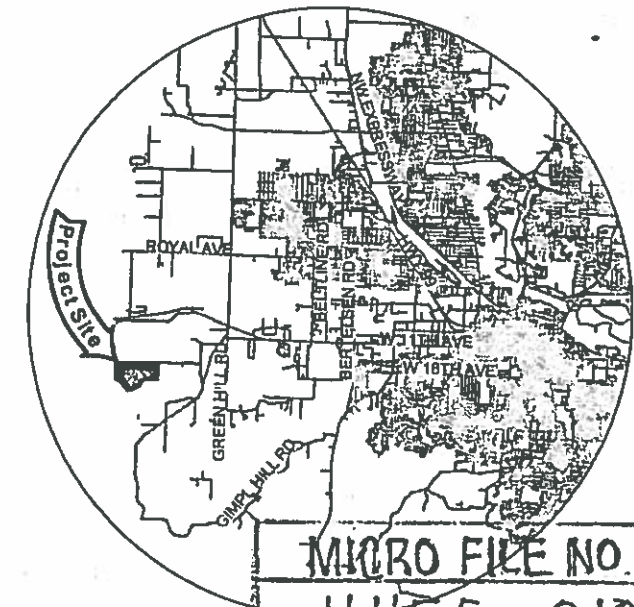
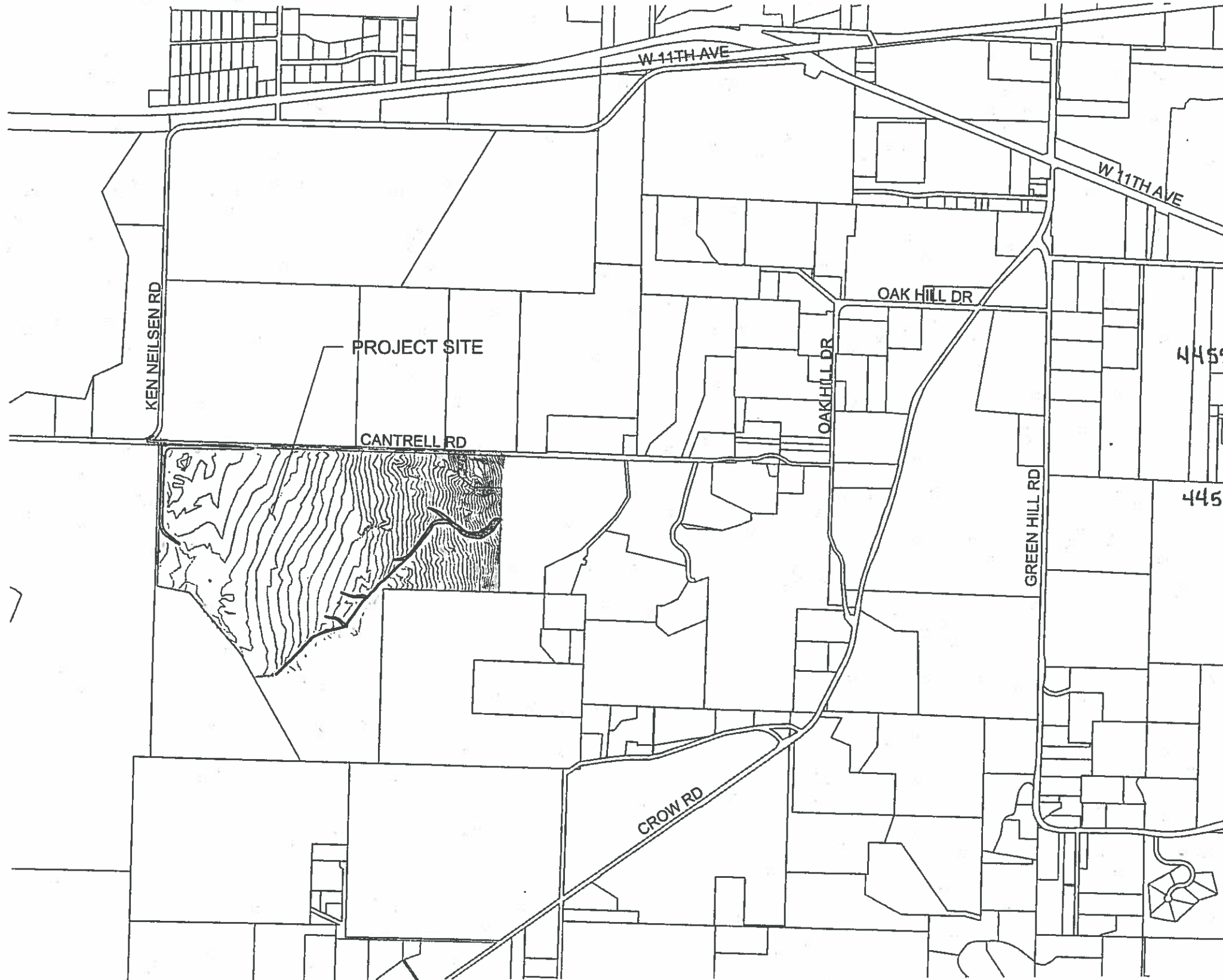


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NAD83/INGVD88
Eugene
C-4

WETLAND MITIGATION BANK COYOTE PRAIRIE NORTH RESTORATION

ATTACHMENT B



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Sheet No.	Sheet Title
1	COVER SHEET
D-1	DETAILS
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C-4	SPILLWAY SWALE PLAN & PROFILE
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XS-9	EMBANKMENT BERM SECTIONS STA 14+10 TO 23+75
XS-10	SPILLWAY SWALE-SECTIONS
CS-1	CSMP PLAN
TC-1	TRAFFIC CONTROL

CONTRACTOR: DELTA
INSPECTOR: L. COPENHAGEN
TESTING LAB: LANE COUNTY
PROJ NO./CONT NO.: 4894/2015-24
AS-BUILTS BY: L. COPENHAGEN
DATE: 10/12/2015

RECEIVED BY CWRD

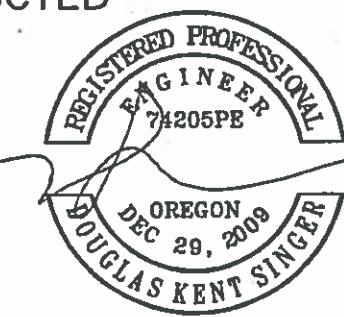
NOV 03 2015

SALEM, OR



AS CONSTRUCTED

[Signature]
APPROVED: CITY ENGINEER



EXPIRES: 06/30/2016

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WMB: COYOTE PRAIRIE
NORTH RESTORATION
COVER SHEET

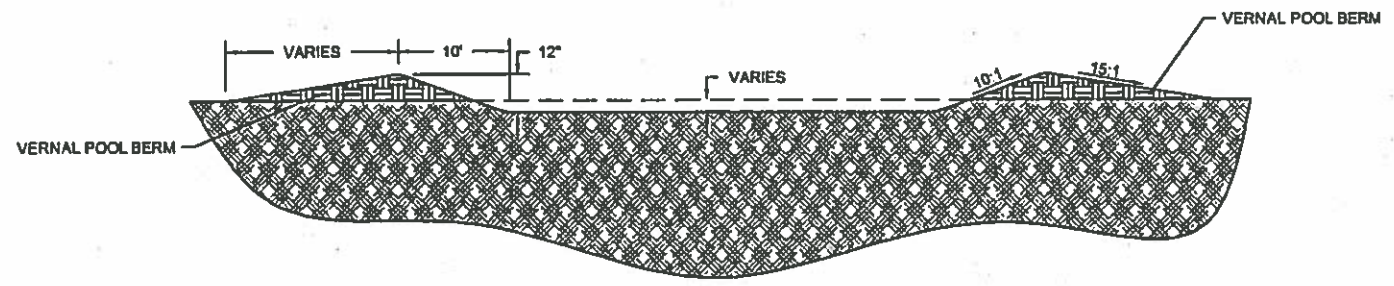
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EUGENE, OREGON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION



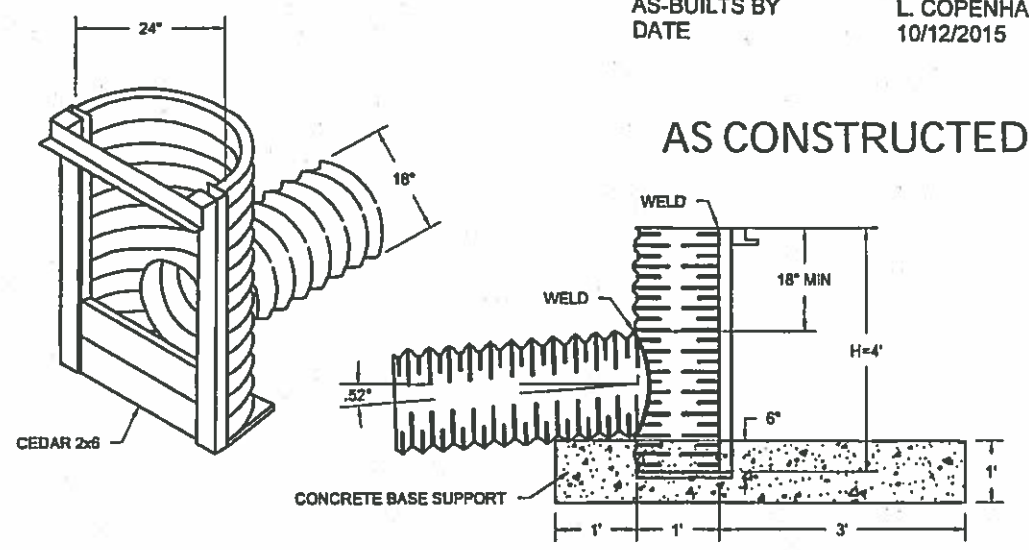
R-88313

CONTRACTOR
INSPECTOR
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PROJ NO./CONT NO.
AS-BUILTS BY
DATE

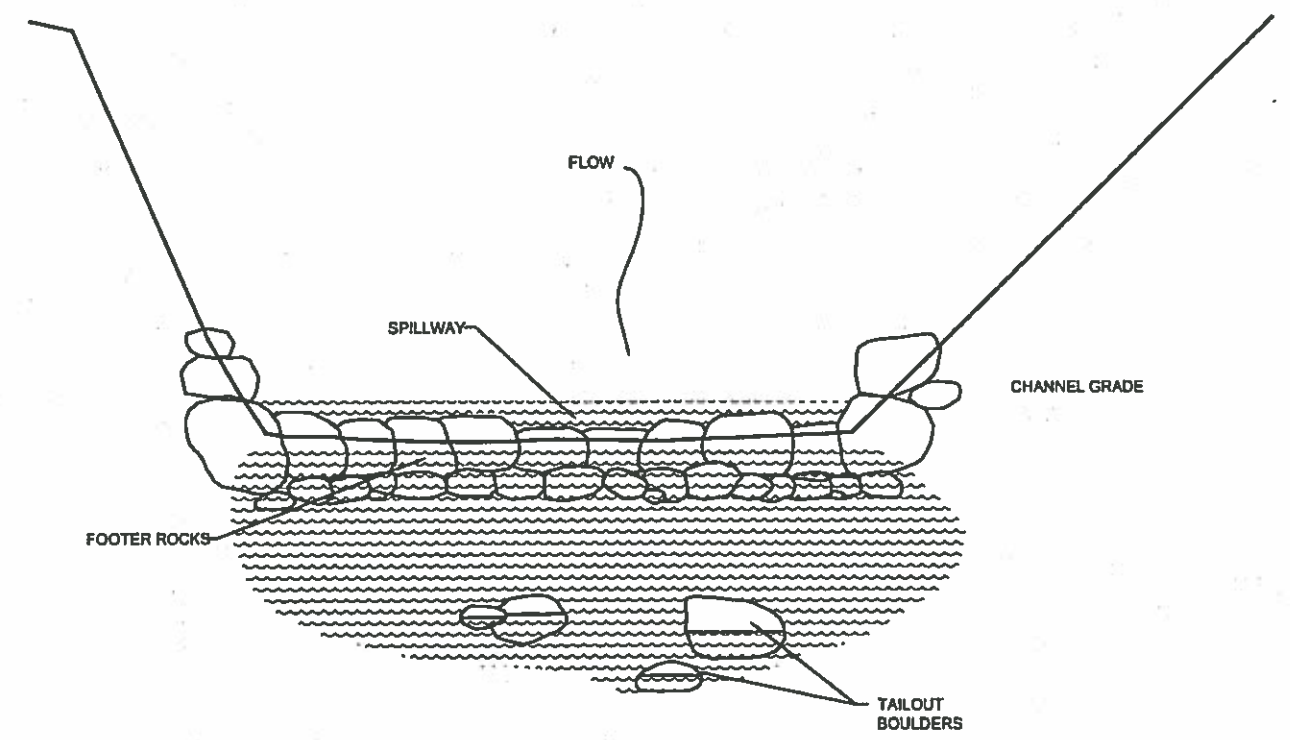
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LANE COUNTY
4894/2015-24
L. COPENHAGEN
10/12/2015



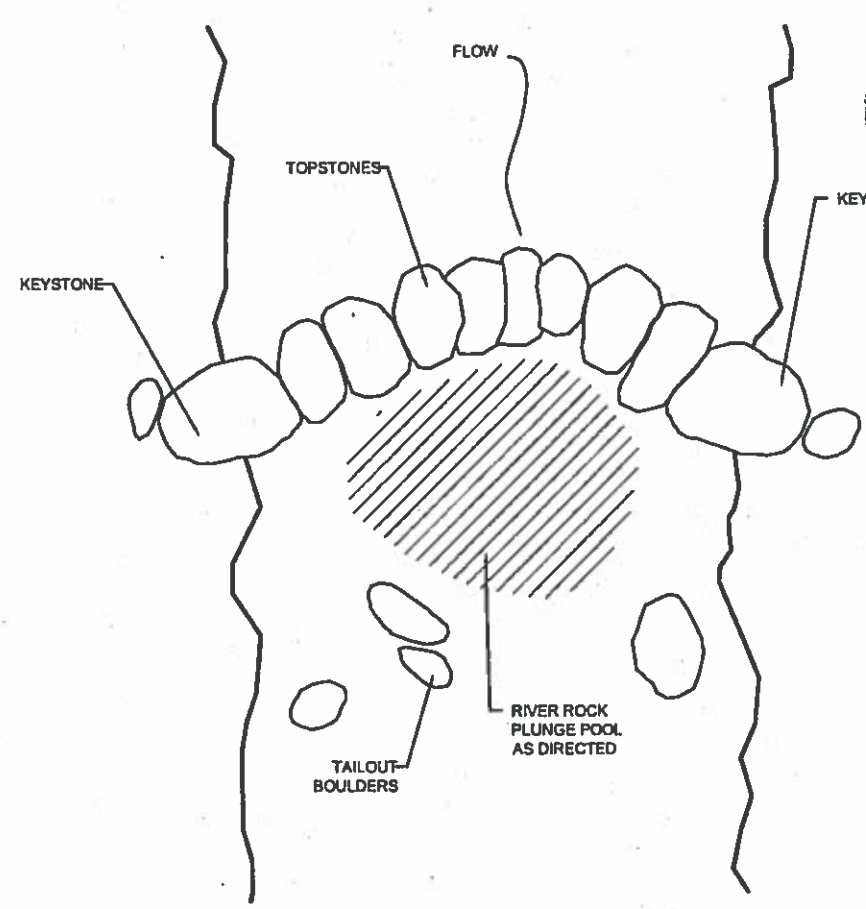
A TYPICAL SECTION VERNAL POOL
(LOOKING DOWNSTREAM) NTS



B FLASHBOARD RISER DETAIL NTS
USE U.S. FISH & WILDLIFE SERICE TYPE 2 RISER OR APPROVED EQUAL
CONCRETE BASE SUPPORT SHOULD BE A MINIMUM OF 2.5' WIDE x 5' LONG x 1' DEEP



C BOULDER STRUCTURE SECTION
(LOOKING UPSTREAM) NTS



D BOULDER STRUCTURE PLAN NTS

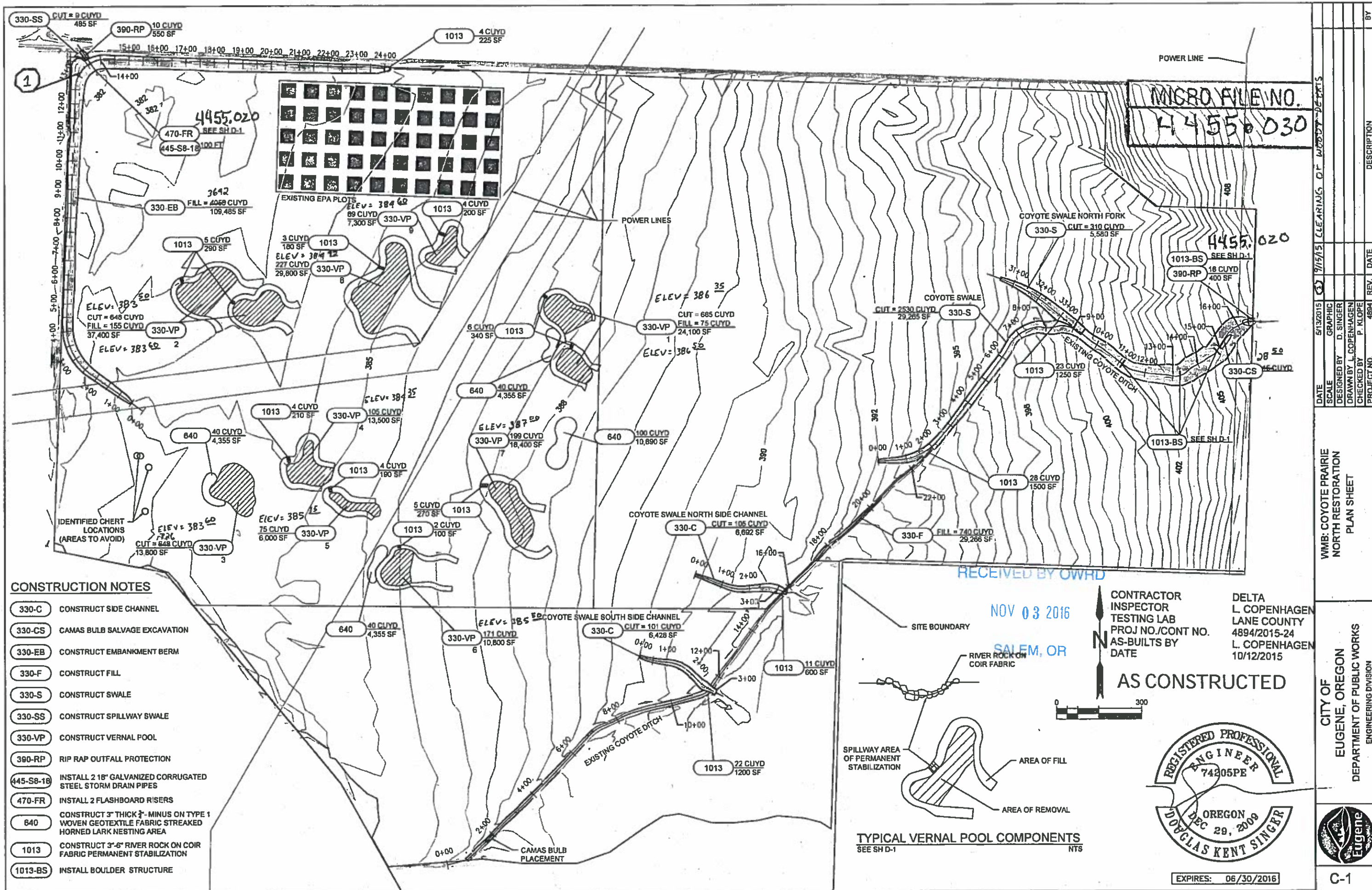
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SALEM, OR

REGISTERED PROFESSIONAL
ENGINEER
74205PE
OREGON
DEC 29, 2009
DOUGLAS KENT SINGER

DATE	5/13/2015	SCALE	NTS	DESIGNED BY	D. SINGER	DRAWN BY	L. COPENHAGEN	CHECKED BY	P. KLOPE	PROJECT NO.	4894	REV.		DATE		DESCRIPTION	BY
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CITY OF EUGENE, OREGON DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION																	
MADRISGVDRR																	

EXPIRES: 06/30/2016



CONSTRUCTION NOTES

- (330-C) CONSTRUCT SIDE CHANNEL
- (330-CS) CAMAS BULB SALVAGE EXCAVATION
- (330-EB) CONSTRUCT EMBANKMENT BERM
- (330-F) CONSTRUCT FILL
- (330-S) CONSTRUCT SWALE
- (330-SS) CONSTRUCT SPILLWAY SWALE
- (330-VP) CONSTRUCT VERNAL POOL
- (390-RP) RIP RAP OUTFALL PROTECTION
- (445-SB-18) INSTALL 2 18" GALVANIZED CORRUGATED STEEL STORM DRAIN PIPES
- (470-FR) INSTALL 2 FLASHBOARD RISERS
- (640) CONSTRUCT 3" THICK 3'-MINUS ON TYPE 1 WOVEN GEOTEXTILE FABRIC STREADED HORNED LARK NESTING AREA
- (1013) CONSTRUCT 3'-6" RIVER ROCK ON COIR FABRIC PERMANENT STABILIZATION
- (1013-BS) INSTALL BOULDER STRUCTURE

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CONTRACTOR INSPECTOR TESTING LAB
PROJ NO./CONT NO. AS-BUILTS BY DATE

DELTA L. COPENHAGEN
LANE COUNTY 4894/2015-24
L. COPENHAGEN 10/12/2015

REGISTERED PROFESSIONAL ENGINEER
74205PE
OREGON DEC 29, 2009
CLAS KENT SINGER

EXPIRES: 06/30/2016

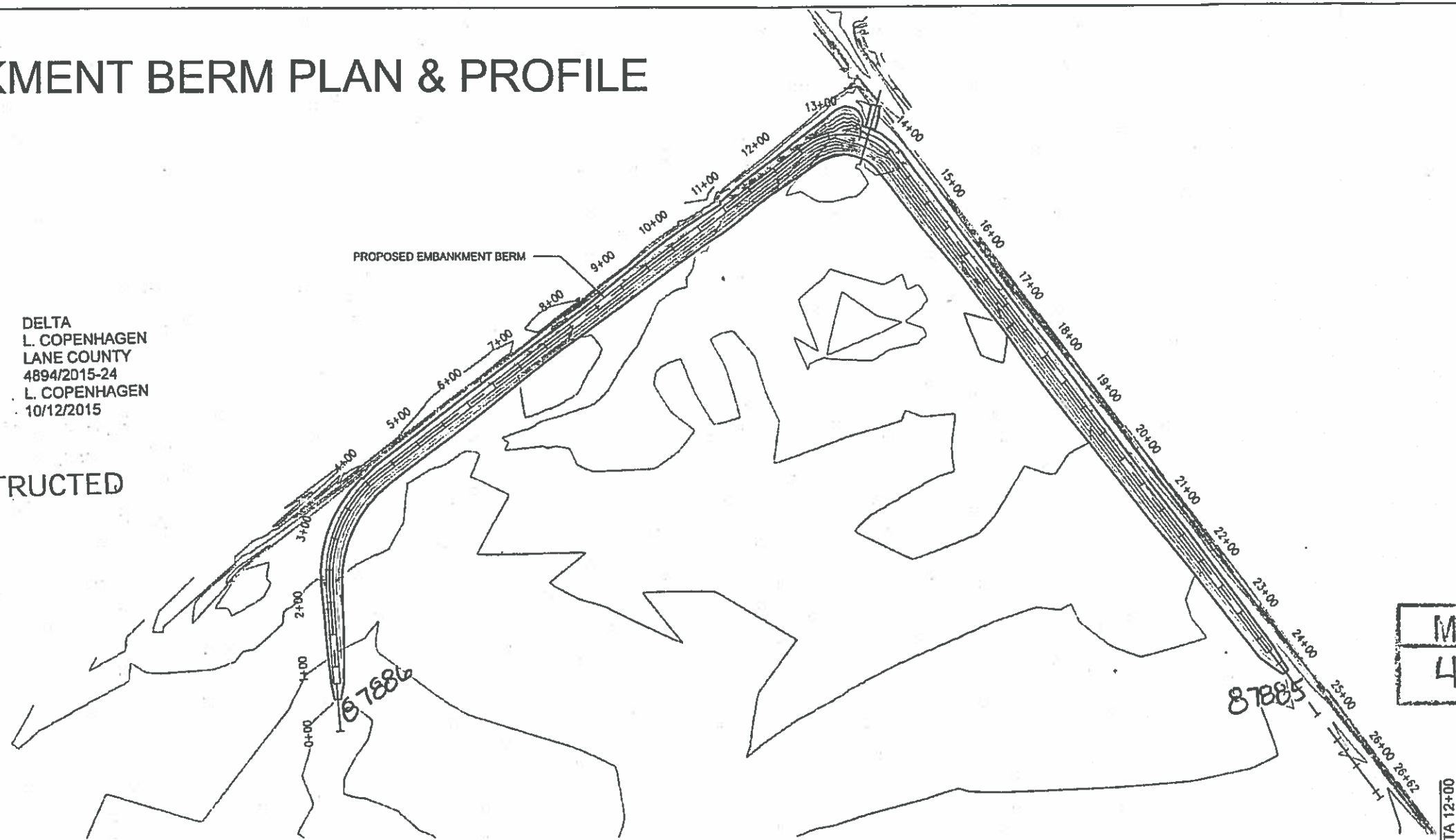
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

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CITY OF EUGENE, OREGON DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION														
NAD83/MGVD88														

EMBANKMENT BERM PLAN & PROFILE

CONTRACTOR DELTA
 INSPECTOR L. COPENHAGEN
 TESTING LAB LANE COUNTY
 PROJ NO./CONT NO. 4894/2015-24
 AS-BUILTS BY L. COPENHAGEN
 DATE 10/12/2015

AS CONSTRUCTED

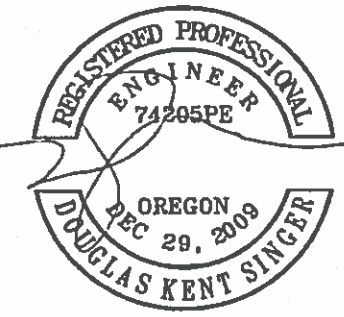
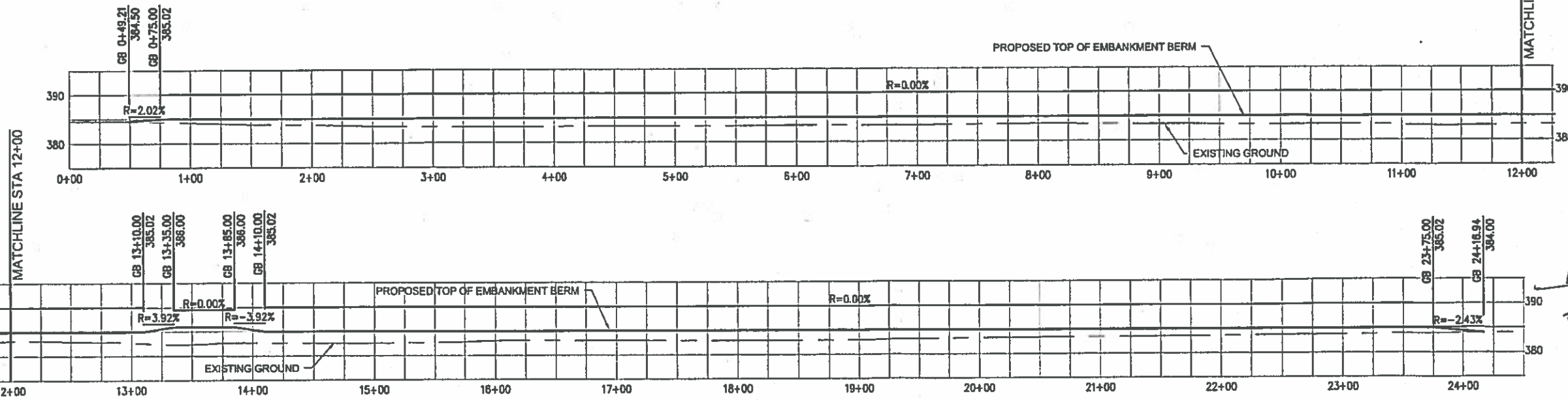


MICRO FILE NO.
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EXPIRES: 06/30/2016

DATE	5/13/2015	REVISION	DATE
SCALE	GRAPHIC	REV.	DATE
DESIGNED BY	D. SINGER	4894	REV.
DRAWN BY	L. COPENHAGEN		DESCRIPTION
CHECKED BY	F. KLOPE		
PROJECT NO.	4894		
			BY

WMB: COYOTE PRAIRIE
 NORTH RESTORATION
 EMBANKMENT BERM PLAN & PROFILE

CITY OF
 EUGENE, OREGON
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION



SPILLWAY SWALE PLAN & PROFILE

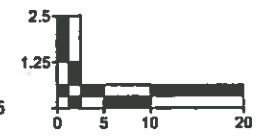
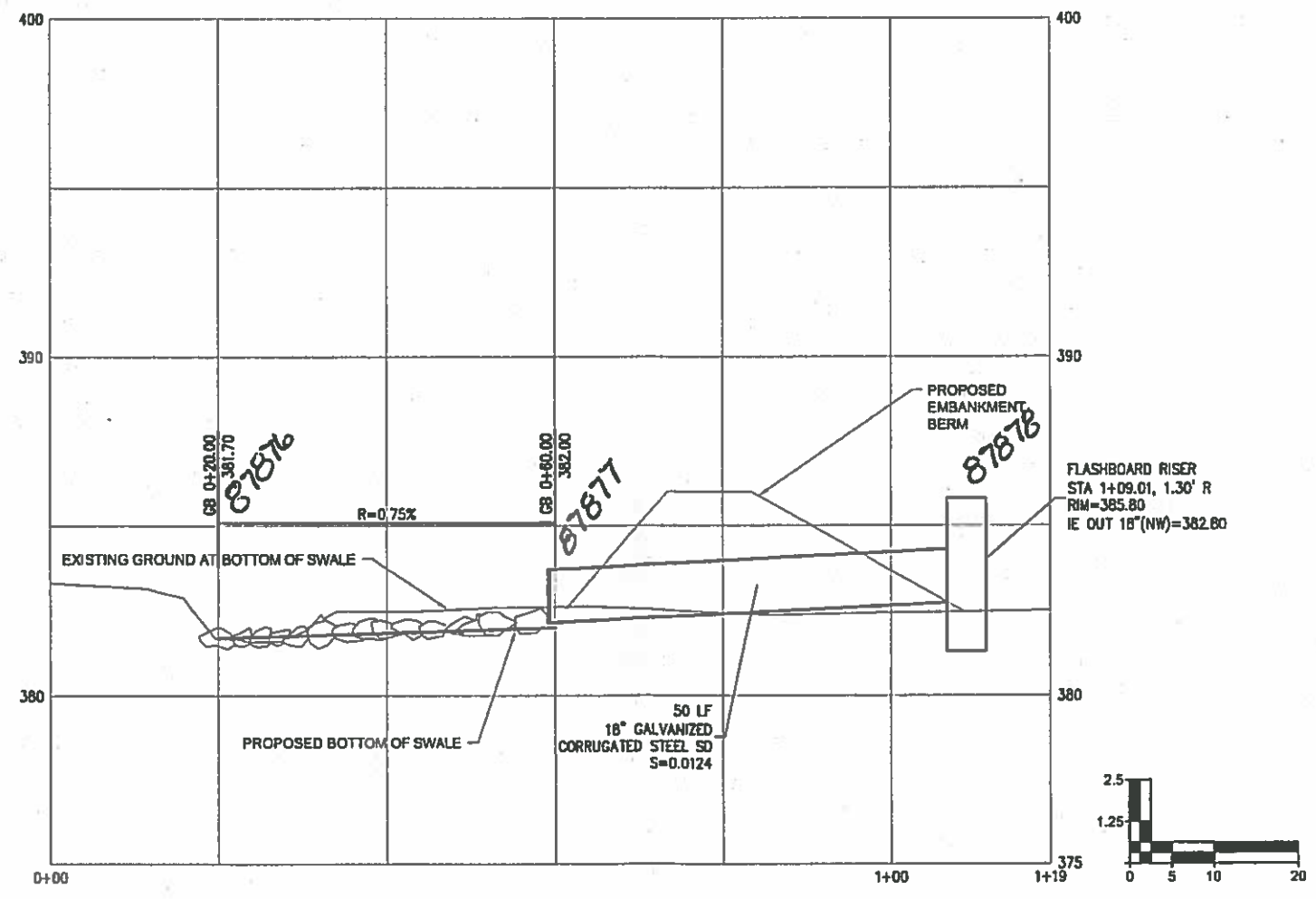
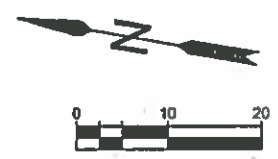
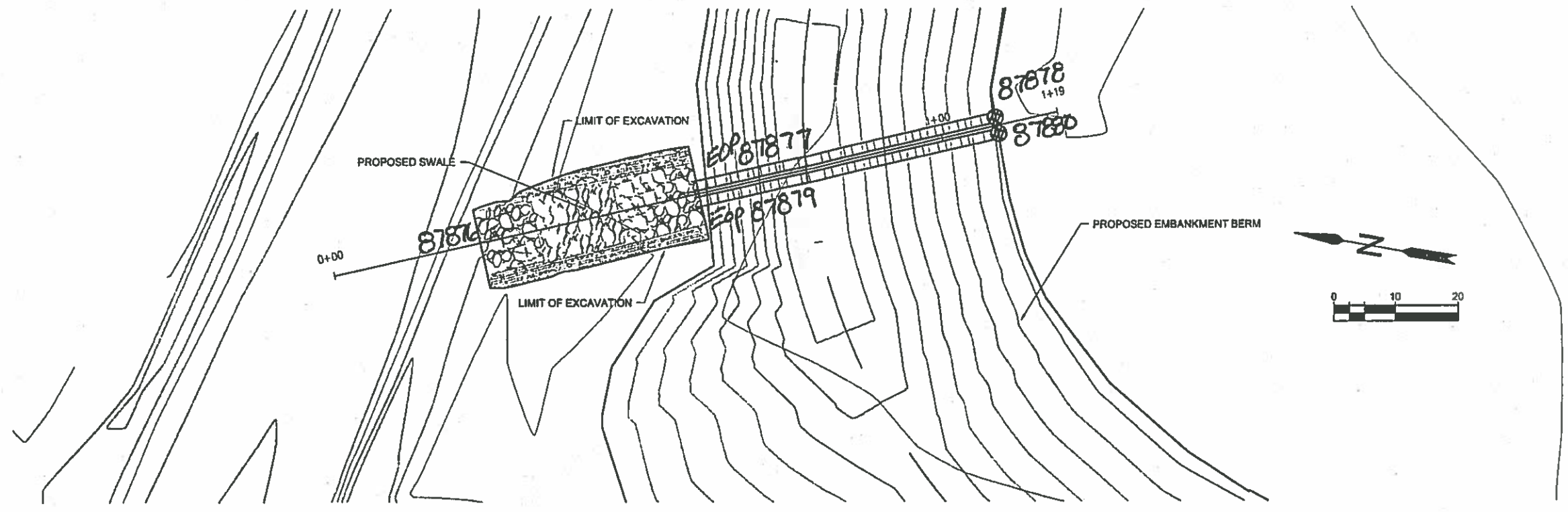
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5/13/2015	GRAPHIC	D. SINGER	L. COPENHAGEN	P. KLOPE	4894				

WMB: COYOTE PRAIRIE
NORTH RESTORATION
SPILLWAY SWALE PLAN & PROFILE

CITY OF
EUGENE, OREGON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION



EXPIRES: 06/30/2016



MICRO FILE NO.
4455 0060

CONTRACTOR: DELTA
INSPECTOR: L. COPENHAGEN
TESTING LAB: LANE COUNTY
PROJ NO./CONT NO.: 4894/2015-24
AS-BUILTS BY: L. COPENHAGEN
DATE: 10/12/2015

AS CONSTRUCTED

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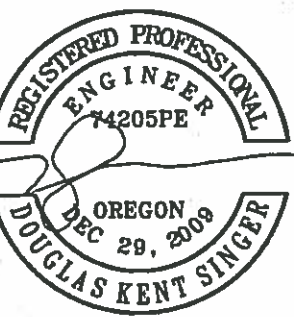
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PROJECT NO.	4894
REV.	
DATE	
DESCRIPTION	
BY	

WMB: COYOTE PRAIRIE
NORTH RESTORATION
EMBANKMENT BERM SECTIONS
STA 3+00 TO 13+85

CITY OF
EUGENE, OREGON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION



XS-8



EXPIRES: 06/30/2016

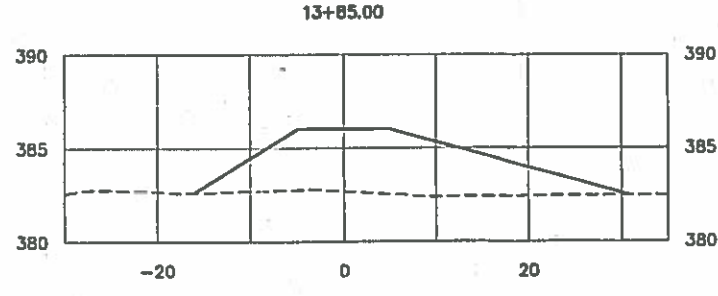
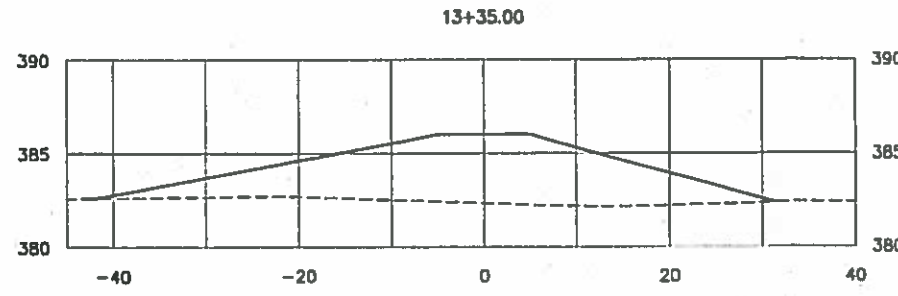
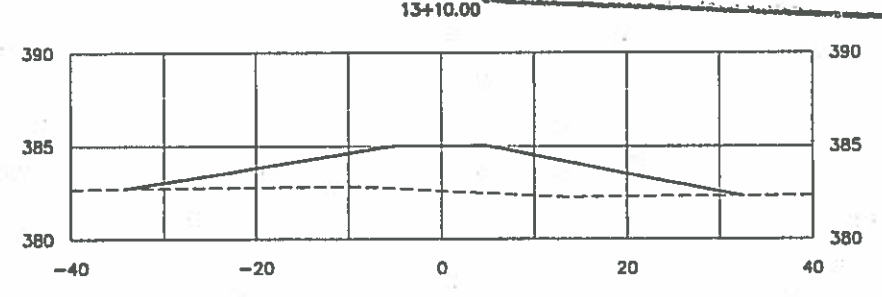
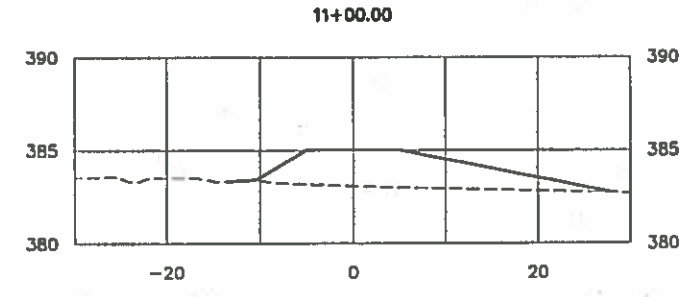
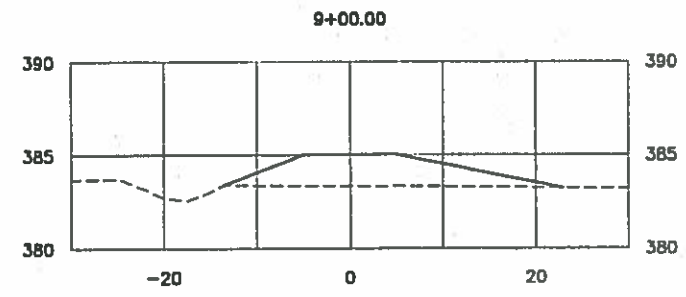
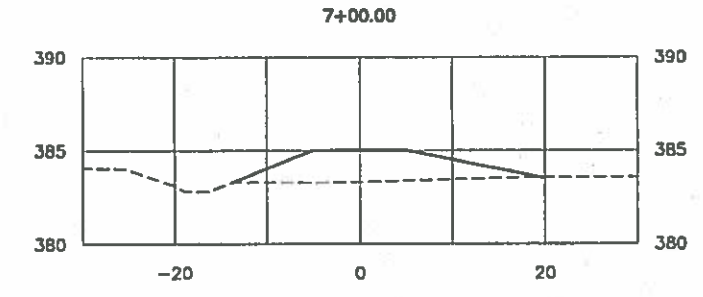
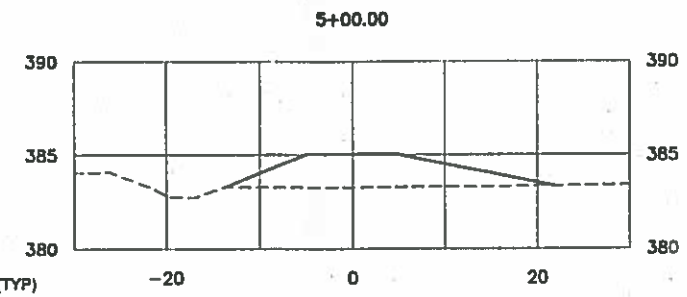
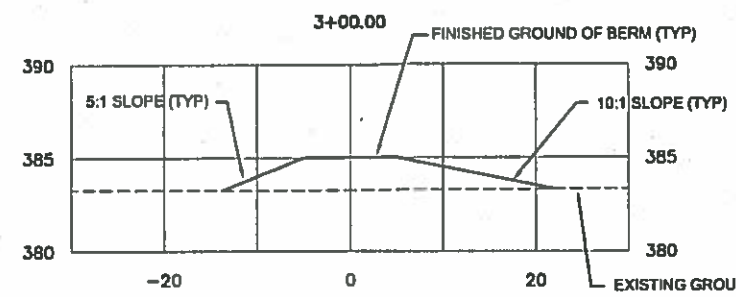


EMBANKMENT BERM SECTIONS STA 3+00 TO 13+85

CONTRACTOR
INSPECTOR
TESTING LAB
PROJ NO./CONT NO.
AS-BUILTS BY
DATE

DELTA
L. COPENHAGEN
LANE COUNTY
4894/2015-24
L. COPENHAGEN
10/12/2015

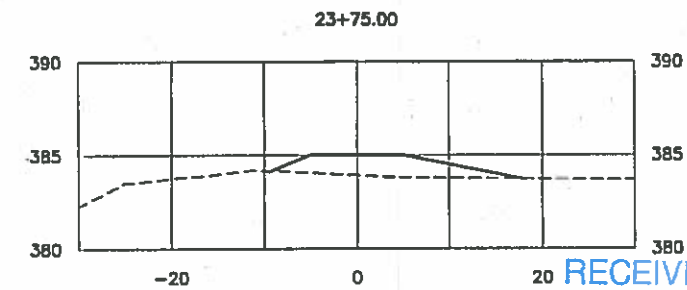
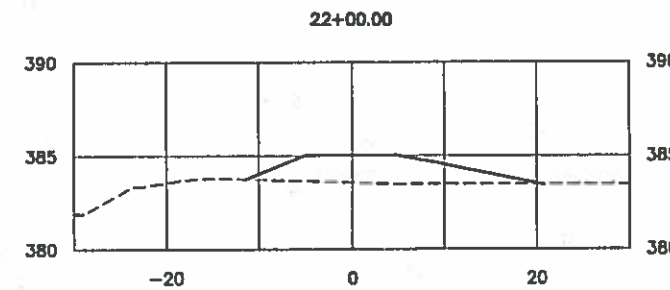
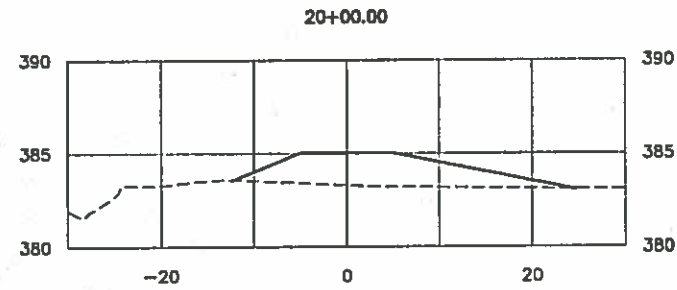
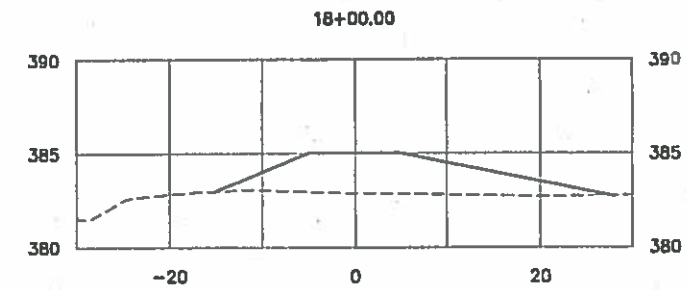
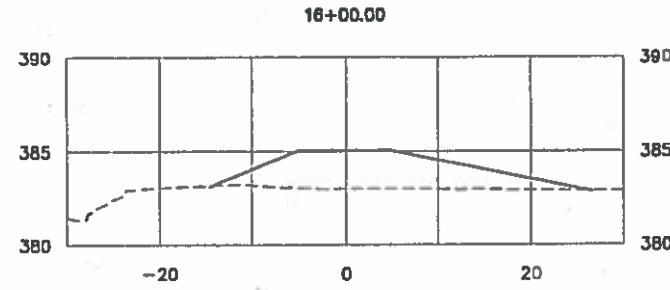
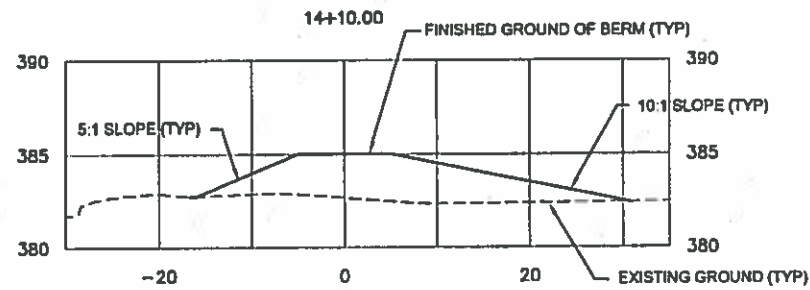
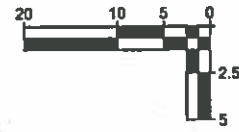
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MICRO FILE NO.
4456 e040

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EMBANKMENT BERM SECTIONS STA 14+10 TO 23+75



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44560050

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LANE COUNTY
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10/12/2015

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DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	PROJECT NO.	REV.	DATE	DESCRIPTION	BY
5/13/2015	GRAPHIC	D. SINGER	L. COPENHAGEN	P. KLOPE	4894				

WMB: COYOTE PRAIRIE
NORTH RESTORATION
EMBANKMENT BERM SECTIONS
STA 14+10 TO 23+75

CITY OF
EUGENE, OREGON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION



XS-9