Information for File # 2014-01800-RMM

Applicant: Shakopee Mdewakanton Sioux Community

Corps Contact: Ryan Malterud

Address: 180 Fifth Street East, St. Paul, Minnesota 56101

E-Mail: Ryan.M.Malterud@usace.army.mil

Phone: (651) 290-5286

Primary County: Scott

Section: 33

Township: 115 North

Range: 22 West

Information Complete On: June 24, 2015

Posting Expires On: July 18, 2015

Authorization Type: LOP-10-R

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. Any approved jurisdictional determination made prior to reaching a permit decision will be posted on the St. Paul District web page at http://www.mvp.usace.army.mil/.

Project Description and Purpose (As stated by the applicant):

The Shakopee Mdewakanton Sioux Community is proposing to close a gap in a segment of the Spring Lake Regional Park trail system. The proposed trail is approximately 3,200 linear feet. The previous trail ends at the edge of Spring Lake Park property in a development located along the east side of the park. A large wetland complex starts near the southwest end of the project and extends to Arctic Lake located off the property to the east. Due to the extent of existing wetland, it is necessary to cross the basin to complete the trail loop. The best option for crossing the wetland is at the location of a historic crossing that was likely used when the land was under agricultural production. The proposed trail crossing provides opportunities to restore hydrology and increase the water volume storage to a portion of the wetland just upstream of the crossing and to provide treatment of upstream drainage with an Iron Enhanced Sand Filter (IESF).

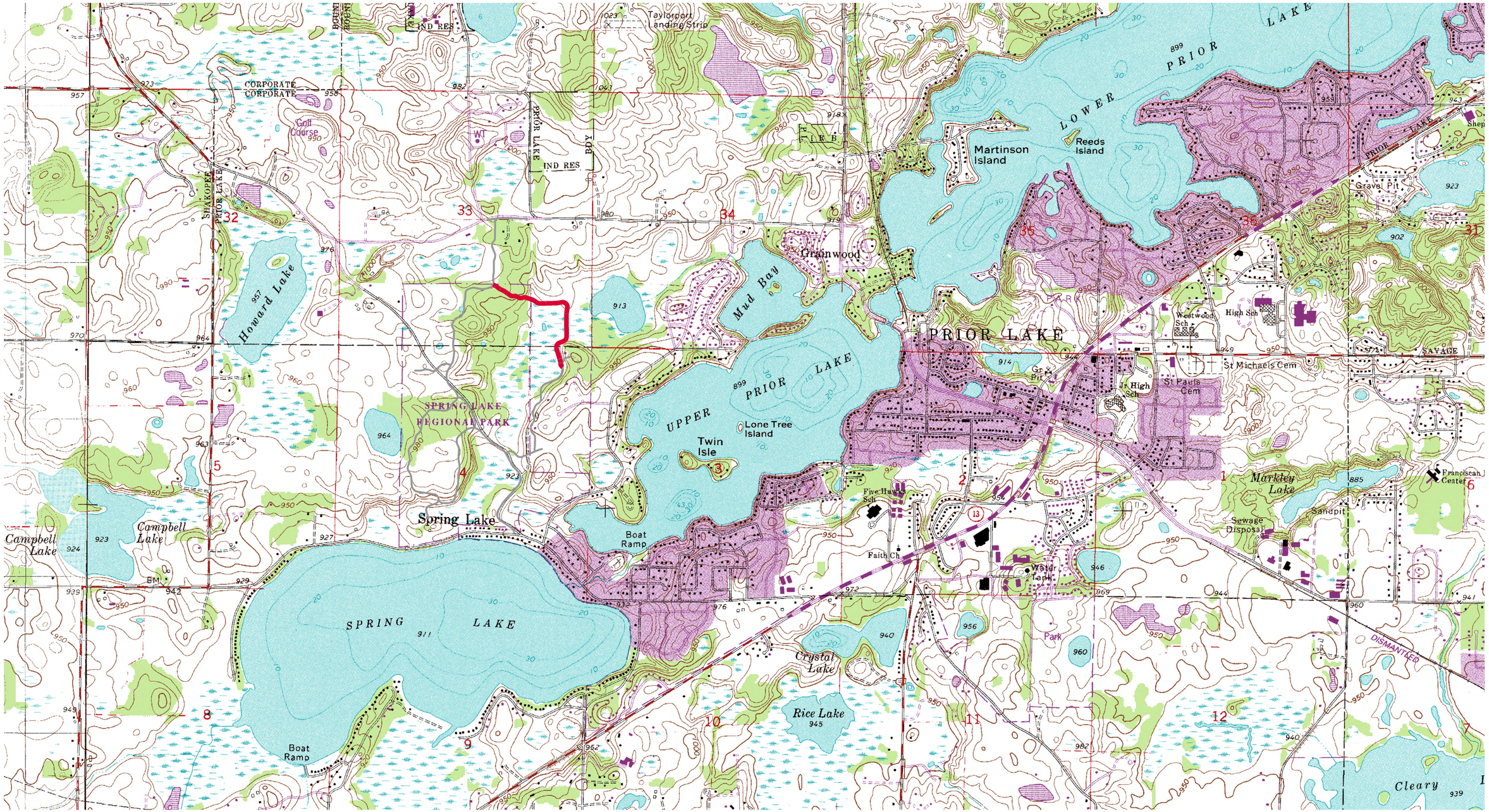
Name, Area and Types of Waters (Including Wetlands) Subject to Loss:

The proposed trail and IESF will result in the permanent filling of 0.181 acre of wet meadow wetland and 30 linear feet (0.018 acre) of impact to an unnamed ditch.

Compensatory Mitigation:

The applicant is proposing to meet compensatory mitigation requirements by securing wetland mitigation bank credits at a ratio of 2:1 from a Corps-approved wetland bank in Bank Service Area 9 for all permanent wetland fill impacts. The proposed project has 0.181 acre of permanent wetland fill impact.

Drawings: MVP-2014-01800-RMM Page 1 of 10 through Page 10 of 10



APPROXIMATE PROJECT LOCATION

0 1000 2000
Horizontal Scale In Feet

N

PROJECT LOCATION MAP

SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL PHASE II

FIGURE 1

Stantec

MVP-2014-01800-RMM
Page 1 of 10

DATE: Jun 2015 PROJ. NO.: 193802166

Plot Date: 06/11/2015 - 8:24am
Drawing name: V:\1938\active\193802166\CAD\Dwg\Phase 2 - Arctic Lake\Exhibits\193802166_Proposed Wetland Impacts.dwg
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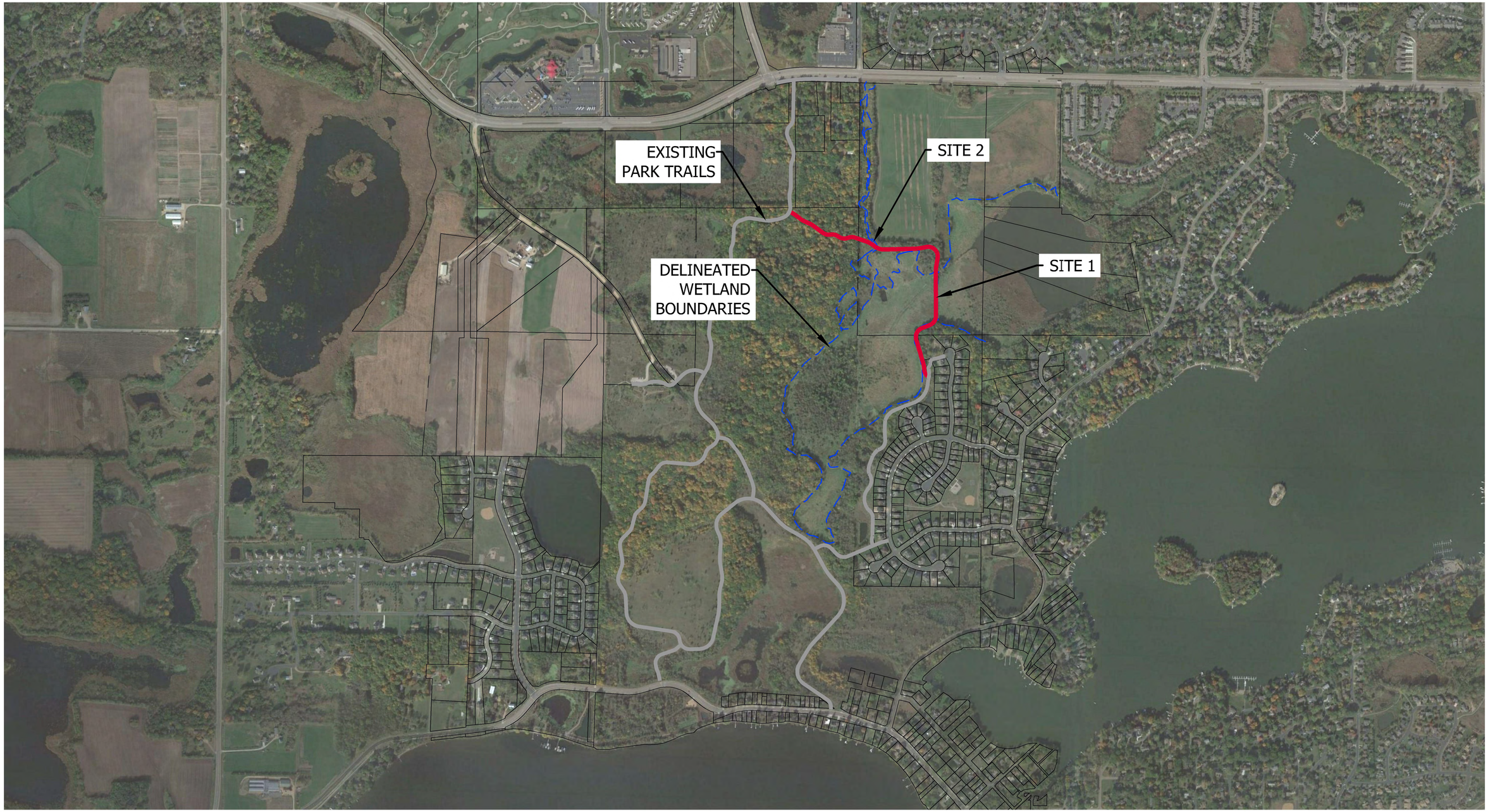

PROJECT LOCATION

0 500 1000
Horizontal Scale In Feet

N

PROJECT AREA

SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL PHASE II

FIGURE 2

Stantec

DATE: Jun 2015 PROJ. NO.: 193802166

Plot Date: 06/11/2015 - 8:28am
Drawing name: Y:\1938\active\193802166\CAD\Dwg\Phase 2 - Arctic Lake\Exhibits\193802166_Proposed Wetland Impacts.dwg
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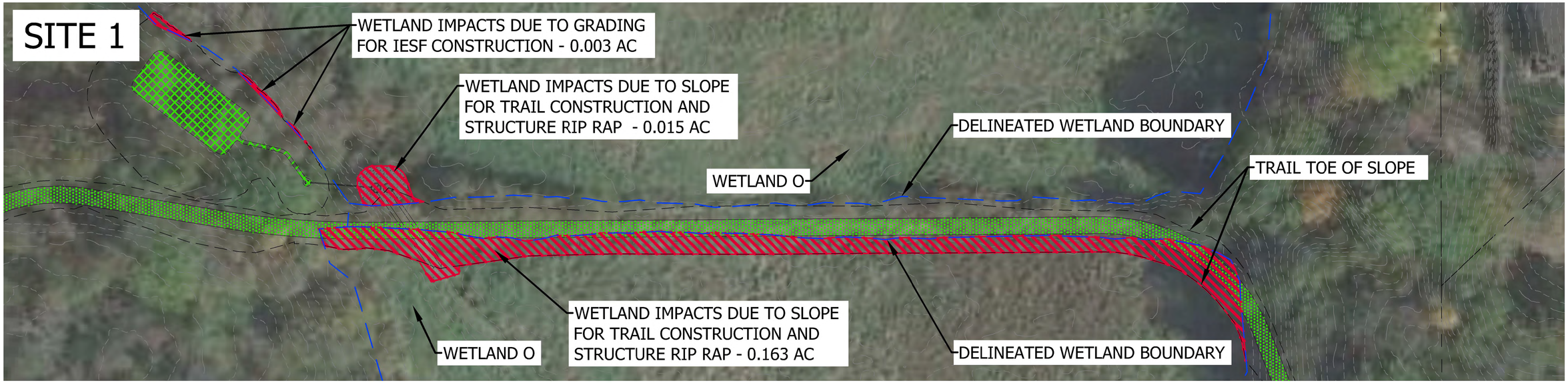
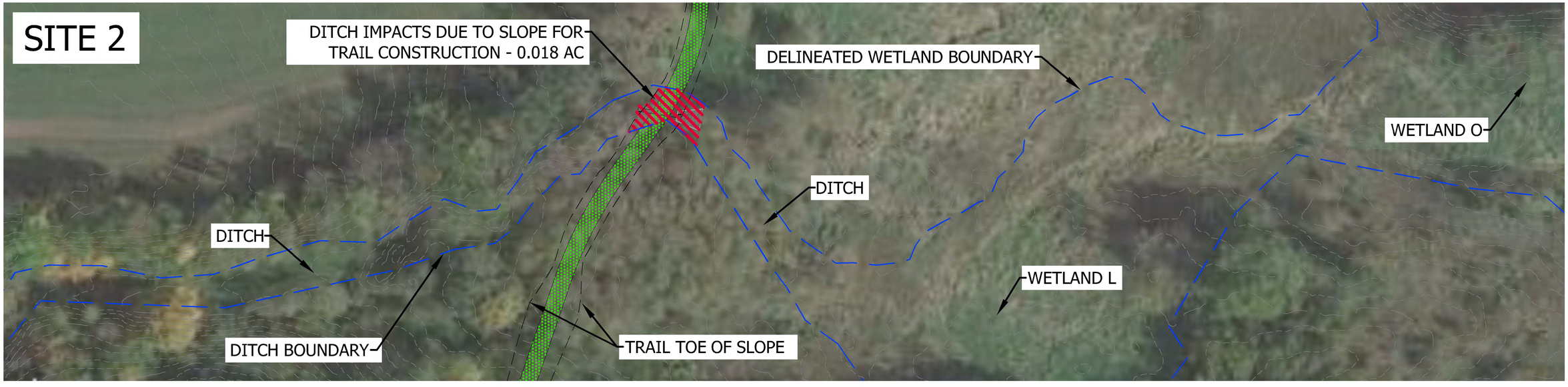
Page 2 of 10





PROPOSED TRAIL PROPOSED IESF

0 30 60
Horizontal Scale In Feet

N

PROPOSED WETLAND IMPACTS

SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL PHASE II

FIGURE 3

Stantec

DATE: Jun 2015 PROJ. NO.: 193802166

Plot Date: 06/11/2015 - 10:02am
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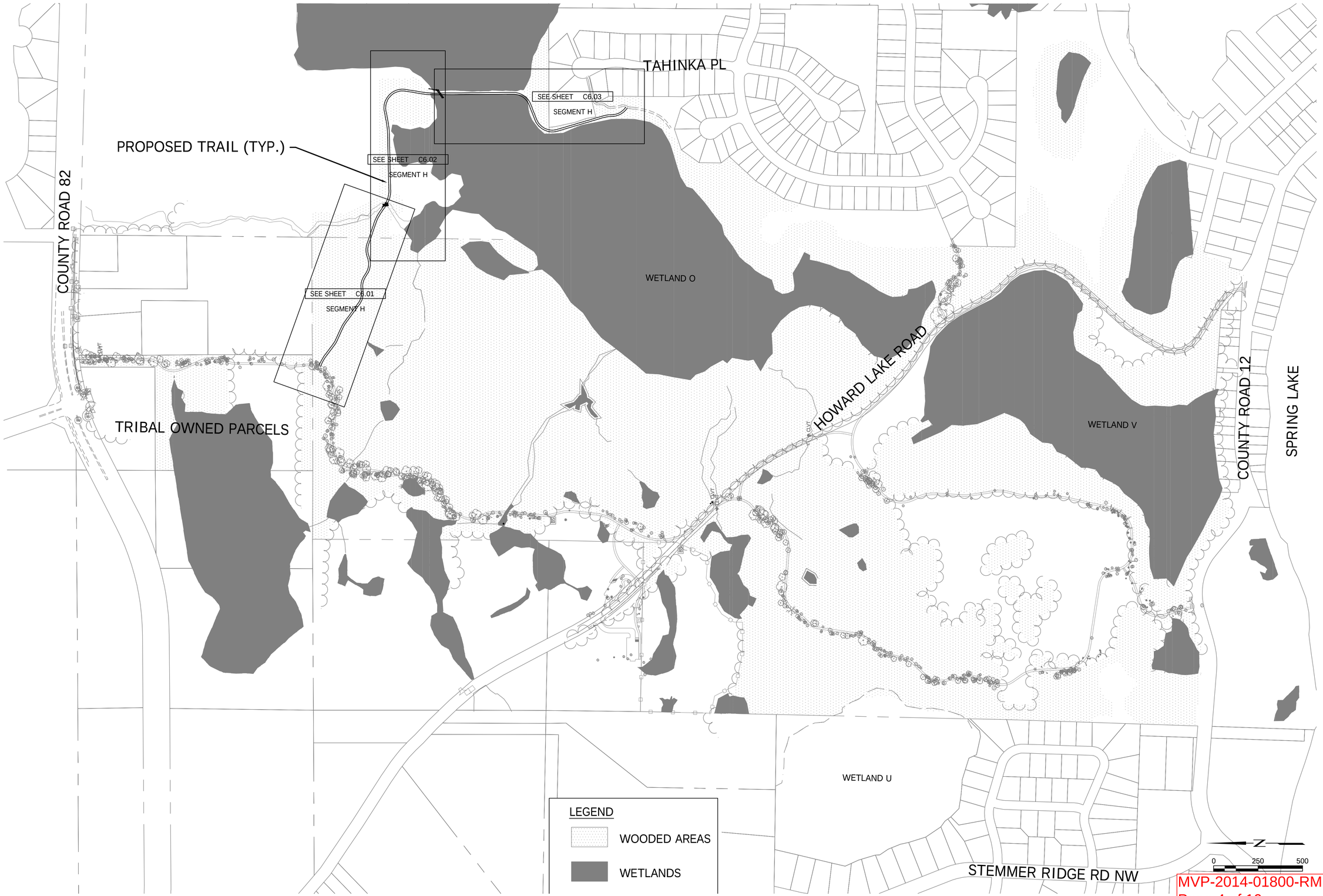

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Plot Date: 04/23/2015 - 11:12am
Drawing name: V:\1938\active\193802166\CAD\Dwg\phase 2 - arctic lake\193802166_C001_PH2.dwg
Xrefs:, 193802166_BORDER, 193802166XSRD, 193802166XSEG, 193802166XSXT, CSAH 12 Geo, 193802166XSNO, 193802166 Adjacent Parcels, 193802166 Park Boundary, 193802166_XSST, 193802166XSNO_PH2

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PRINT NAME: STUART M. KRAHN

SIGNATURE:

DATE: 04/24/2015 LIC. NO. 40002

SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL - PHASE 2

LOCATION PLAN - SHEET INDEX

NO	REVISION	DATE

SURVEY	PBW
DRAWN	JCB
DESIGNED	JCB
CHECKED	-
APPROVED	-
PROJ. NO.	193802166

SHEET NUMBER
C0.01

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Page 4 of 10

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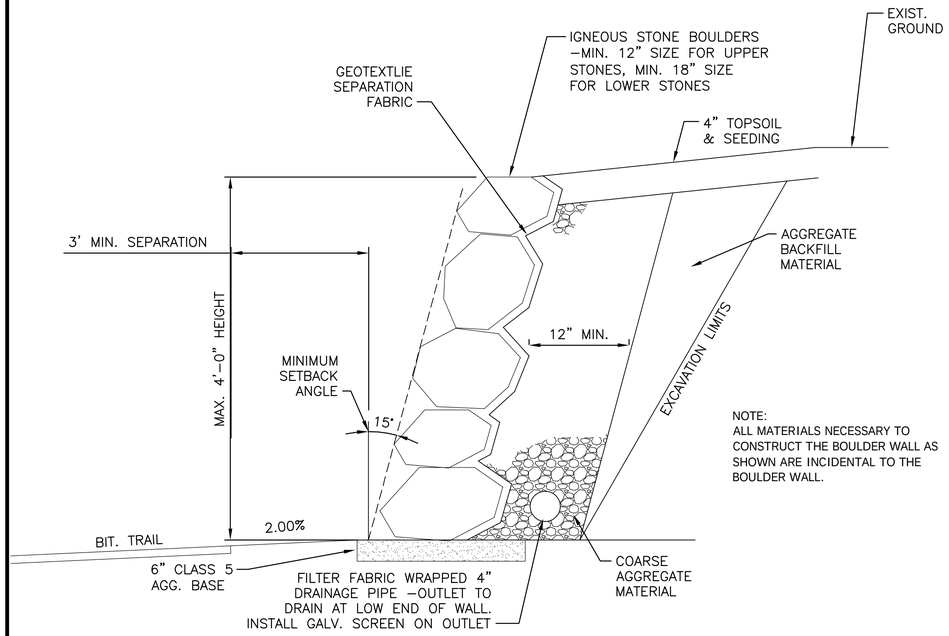


NOTE:
ALL MATERIALS NECESSARY TO CONSTRUCT THE BOULDER WALL AS SHOWN ARE INCIDENTAL TO THE BOULDER WALL.

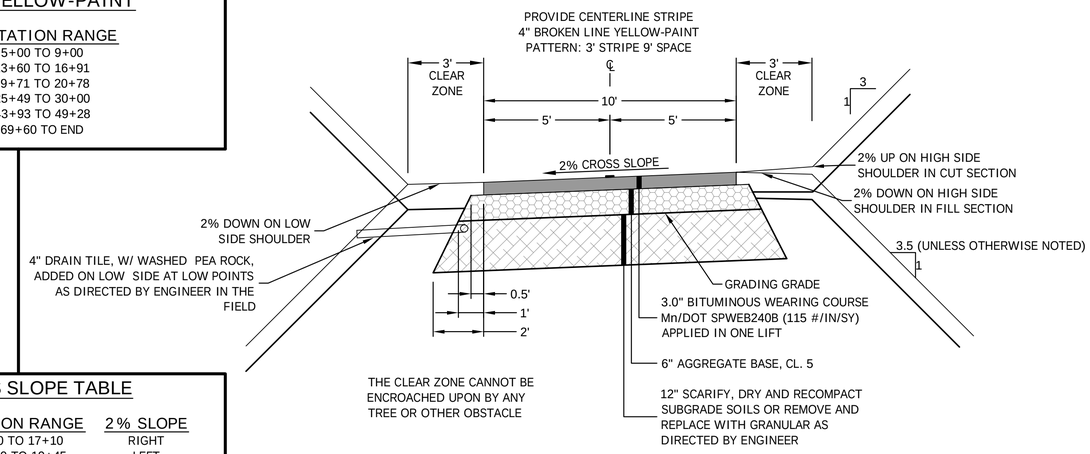
0' TO 4' WALL HEIGHT

CENTERLINE STRIPE
4" SOLID LINE YELLOW-PAINT

SEGMENT	STATION RANGE
H	5+00 TO 9+00
	13+60 TO 16+91
	19+71 TO 20+78
	25+49 TO 30+00
	43+93 TO 49+28
	69+60 TO END

CROSS SLOPE TABLE

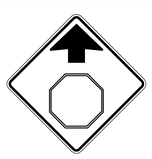
SEGMENT	STATION RANGE	2% SLOPE
A	1+00 TO 17+10	RIGHT
	17+10 TO 19+45	LEFT
	19+45 TO END	RIGHT



TYPICAL TRAIL SECTION 1

SECTION APPLIES: ALL STATIONS UNLESS NOTED BELOW

SIGN LEGEND AND QUANTITIES (TO BE SUPPLIED AND INSTALLED BY OTHERS)

	R1-1 (18x18)	__ EACH	2.25 SF EACH __ SF TOTAL		W1-5 (18x18)	__ EACH	2.25 SF EACH __ SF TOTAL
	W3-1a (18x18)	__ EACH	2.25 SF EACH __ SF TOTAL		W2-2 (18x18)	__ EACH	2.25 SF EACH __ SF TOTAL
	W1-2 (18x18)	__ EACH	2.25 SF EACH __ SF TOTAL		W7-5 (18x18)	__ EACH	2.25 SF EACH __ SF TOTAL
	W1-3 (18x18)	__ EACH	2.25 SF EACH __ SF TOTAL				

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PRINT NAME: STUART M. KRAHN

SIGNATURE:

DATE: 04/24/2015 LIC. NO. 40602

SCOTT COUNTY, MINNESOTA
SPRING LAKE REGIONAL PARK TRAIL - PHASE 2

TYPICAL SECTIONS

NO	REVISION	DATE

SURVEY	PBW
DRAWN	JCB
DESIGNED	JCB
CHECKED	-
APPROVED	-
PROJ. NO.	193802166

SHEET NUMBER
C1.01

MVP-2014-01800-RMM
Page 5 of 10

Plot Date: 04/23/2015 - 11:36am
Drawing name: J:\193802166\active\193802166\CAD\Dwg\phase 2 - arctic lake\193802166_C101_PH2.dwg
Layout: C1.01
XREFS: 193802166, BASEMAP

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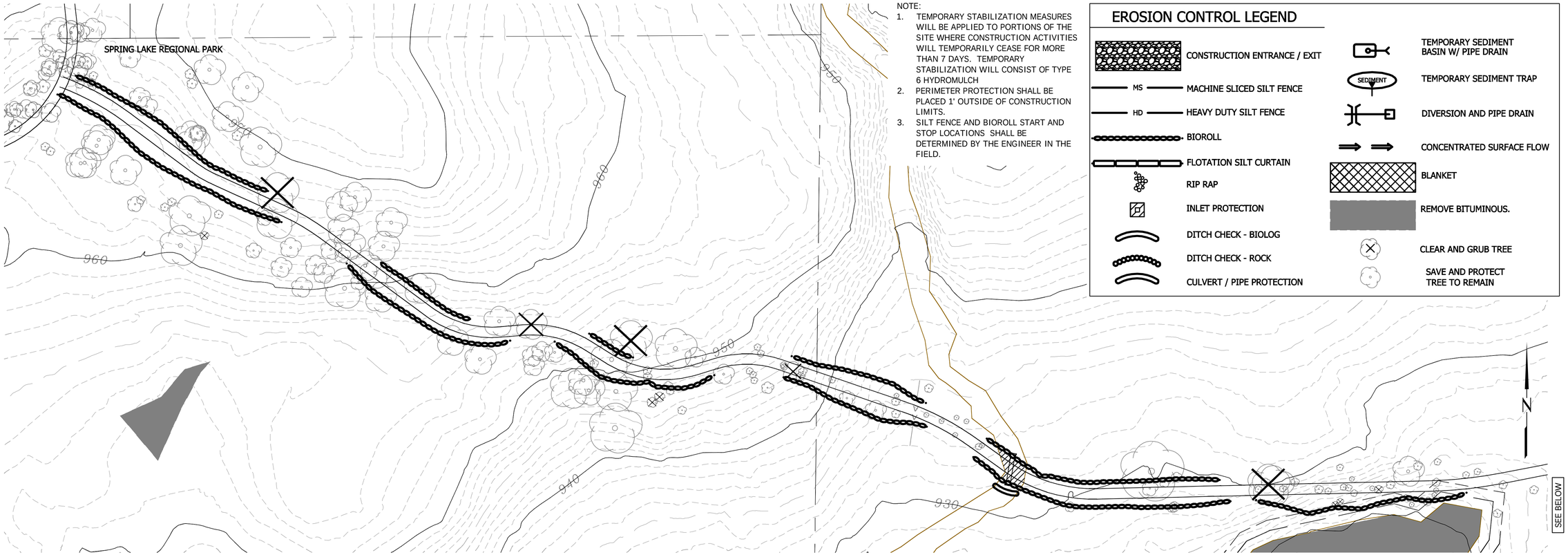


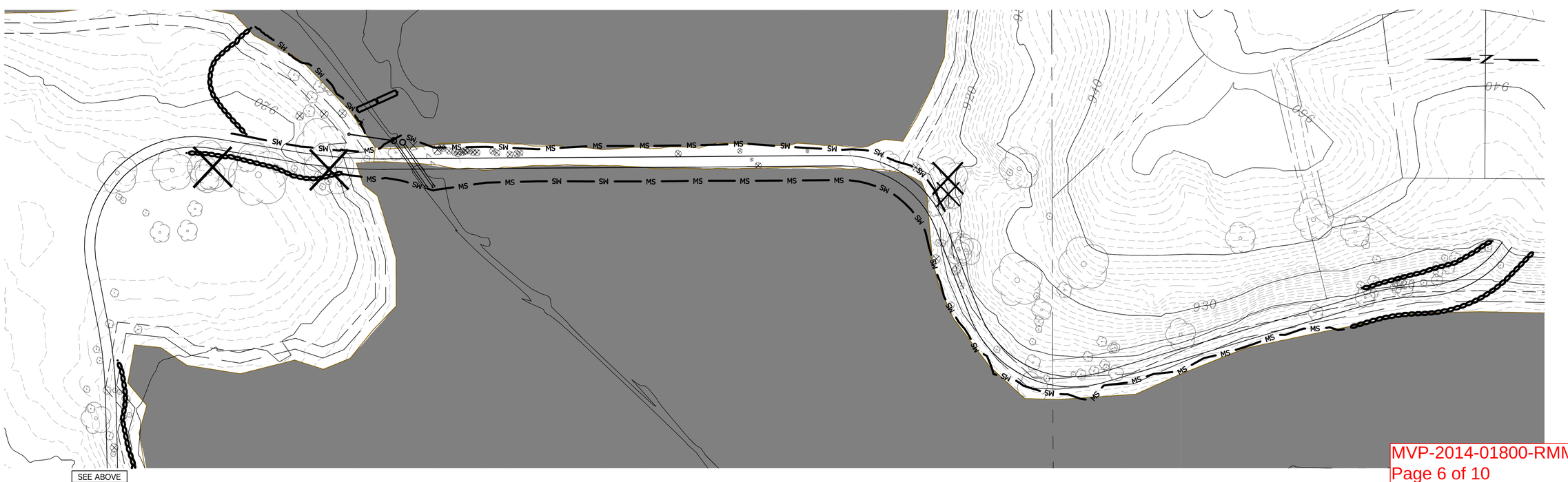
NOTE:
1. TEMPORARY STABILIZATION MEASURES WILL BE APPLIED TO PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES WILL TEMPORARILY CEASE FOR MORE THAN 7 DAYS. TEMPORARY STABILIZATION WILL CONSIST OF TYPE 6 HYDROMULCH
2. PERIMETER PROTECTION SHALL BE PLACED 1' OUTSIDE OF CONSTRUCTION LIMITS.
3. SILT FENCE AND BIOROLL START AND STOP LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EROSION CONTROL LEGEND

- CONSTRUCTION ENTRANCE / EXIT
- MS — MACHINE SLICED SILT FENCE
- HD — HEAVY DUTY SILT FENCE
- BIOROLL
- FLOTATION SILT CURTAIN
- RIP RAP
- INLET PROTECTION
- DITCH CHECK - BIOLOG
- DITCH CHECK - ROCK
- CULVERT / PIPE PROTECTION
- TEMPORARY SEDIMENT BASIN W/ PIPE DRAIN
- SEDIMENT — TEMPORARY SEDIMENT TRAP
- DIVERSION AND PIPE DRAIN
- CONCENTRATED SURFACE FLOW
- BLANKET
- REMOVE BITUMINOUS.
- CLEAR AND GRUB TREE
- SAVE AND PROTECT TREE TO REMAIN

SEGMENT H

0 50 100
Horizontal Scale In Feet



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PRINT NAME: STUART M. KRAHN

SIGNATURE:

DATE: 04/24/2015 LIC. NO. 40602

SCOTT COUNTY, MINNESOTA
SPRING LAKE REGIONAL PARK TRAIL - PHASE 2
REMOVAL - TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

NO	REVISION	DATE

SURVEY	PBW
DRAWN	JCB
DESIGNED	JCB
CHECKED	-
APPROVED	-
PROJ. NO.	193802166

SHEET NUMBER
C2.01

MVP-2014-01800-RMM
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Plot Date: 04/23/2015 - 11:34am
Drawn: jcb Layout: C2.01 - PH2
Xrefs: 193802166_BORDER, 193802166XSEG, 193802166XSIT, CSAH 12 Geo, 193802166XSNO, 193802166 Adjacent Parcels, 193802166 Park Boundary, 193802166_XSIT, 193802166XSNO_PH2, 193802166ESC_PH2, 193802166_gps_data_02112015

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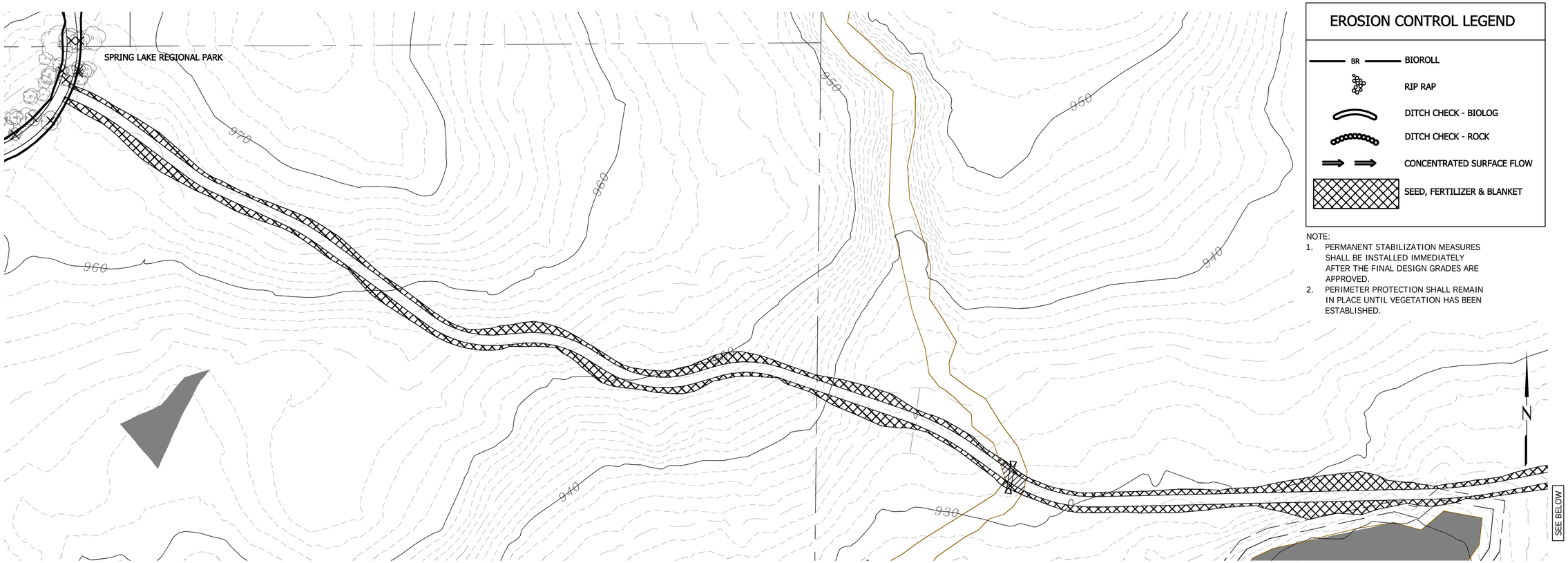
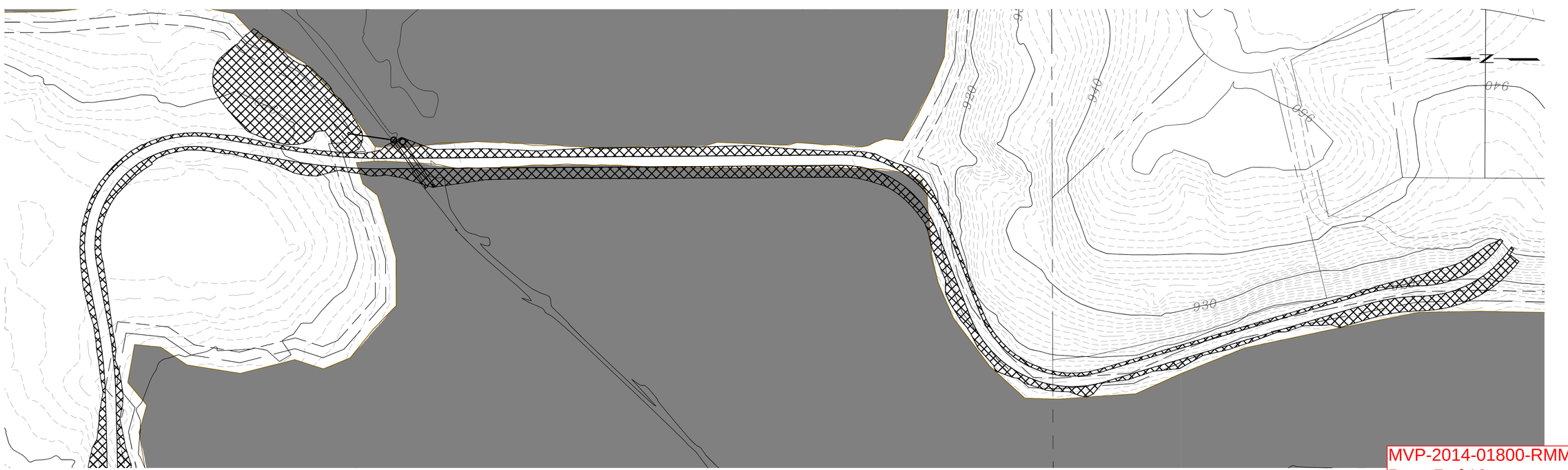


EROSION CONTROL LEGEND

- BR — BIOROLL
- RIP RAP
- DITCH CHECK - BIOLOG
- DITCH CHECK - ROCK
- CONCENTRATED SURFACE FLOW
- SEED, FERTILIZER & BLANKET

NOTE:
1. PERMANENT STABILIZATION MEASURES SHALL BE INSTALLED IMMEDIATELY AFTER THE FINAL DESIGN GRADES ARE APPROVED.
2. PERIMETER PROTECTION SHALL REMAIN IN PLACE UNTIL VEGETATION HAS BEEN ESTABLISHED.

SEGMENT H



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PRINT NAME: STUART M. KRAHN

SIGNATURE:

DATE: 04/24/2015 LIC. NO. 40002

SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL - PHASE 2

RESTORATION PLAN

NO	REVISION	DATE

SURVEY	PBW
DRAWN	JCB
DESIGNED	JCB
CHECKED	-
APPROVED	-
PROJ. NO.	193802166

SHEET NUMBER
C2.02

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Plot Date: 04/23/2015 - 11:19am
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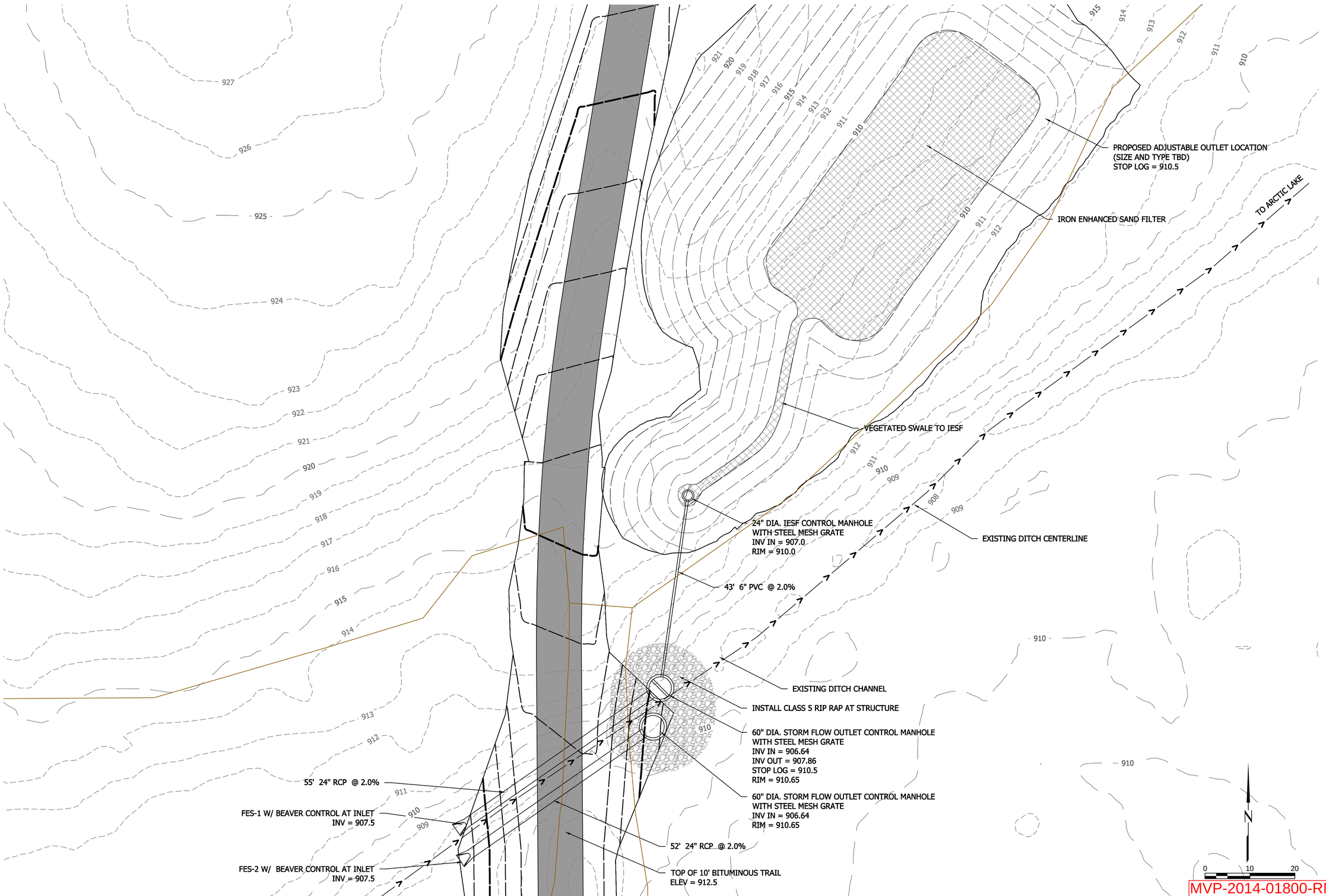

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PRINT NAME: STUART M. KRAHN

SIGNATURE:

DATE: 04/24/2015 LIC. NO. 40602

SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL - PHASE 2

OUTLET STRUCTURE EXHIBIT

NO	REVISION	DATE

SURVEY	PBW
DRAWN	JCB
DESIGNED	JCB
CHECKED	-
APPROVED	-
PROJ. NO.	193802166

SHEET NUMBER
C5.01

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Plot Date: 05/22/2015 - 2:33pm
Drawn: Jarrod Bauer, Layout: C5.01 (Layout1), 193802166 CADD Dwg Phase 2 - Arctic Lake Exhibits\193802166_C501_PH2 Outlet Structure.dwg
Xrefs: 193802166_BORDER, CSAH 12 Grid, 193802166 Adjacent Parcels, 193802166 Park Boundary, 193802166ONO_PH2, New wetland

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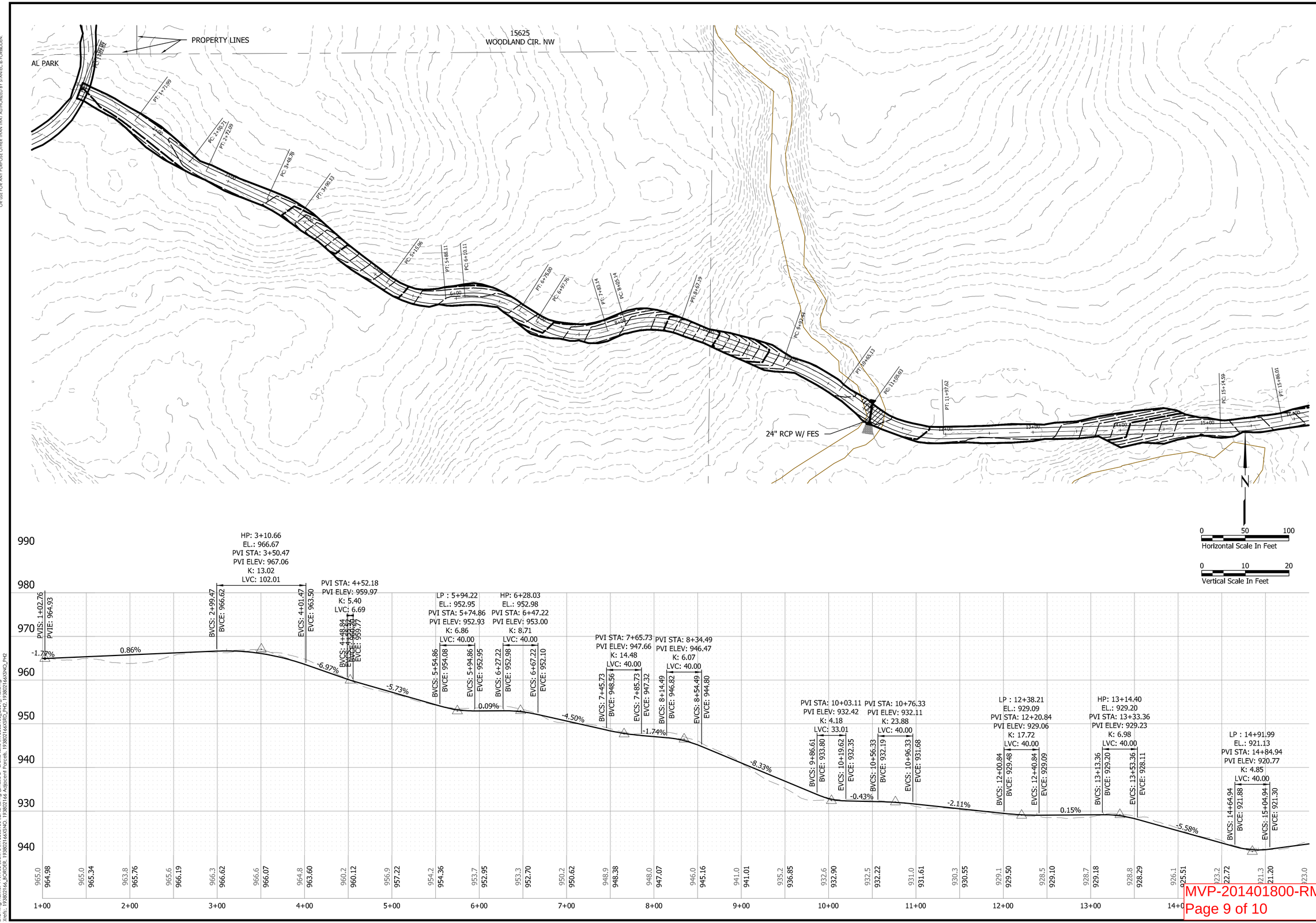

SEE SHEET C6.02

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PRINT NAME: STUART M. KRAHN

SIGNATURE:

DATE: 04/24/2015 LIC. NO. 40022

SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL - PHASE 2

PLAN AND PROFILE

NO	REVISION	DATE

SURVEY	PBW
DRAWN	JCB
DESIGNED	JCB
CHECKED	-
APPROVED	-
PROJ. NO.	193802166

SHEET NUMBER
C6.01

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Page 9 of 10

Plot Date: 06/18/2015 1:45pm
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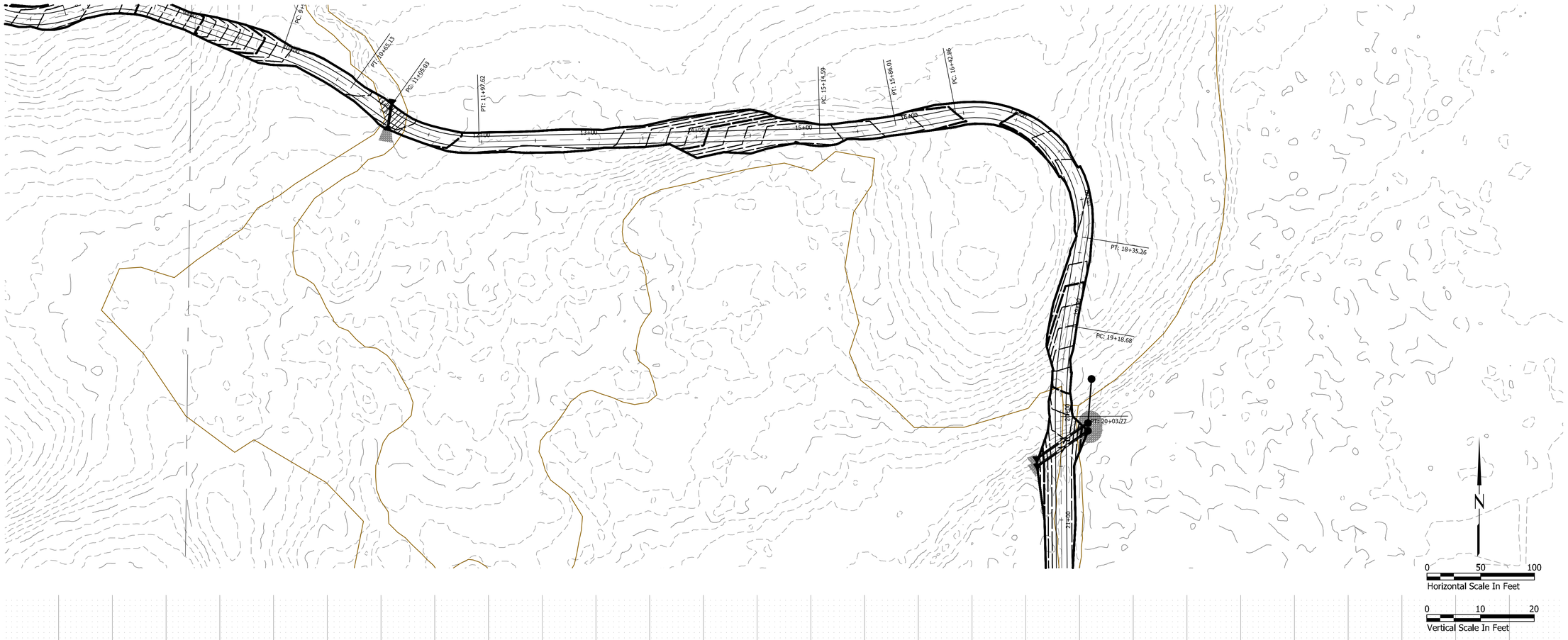
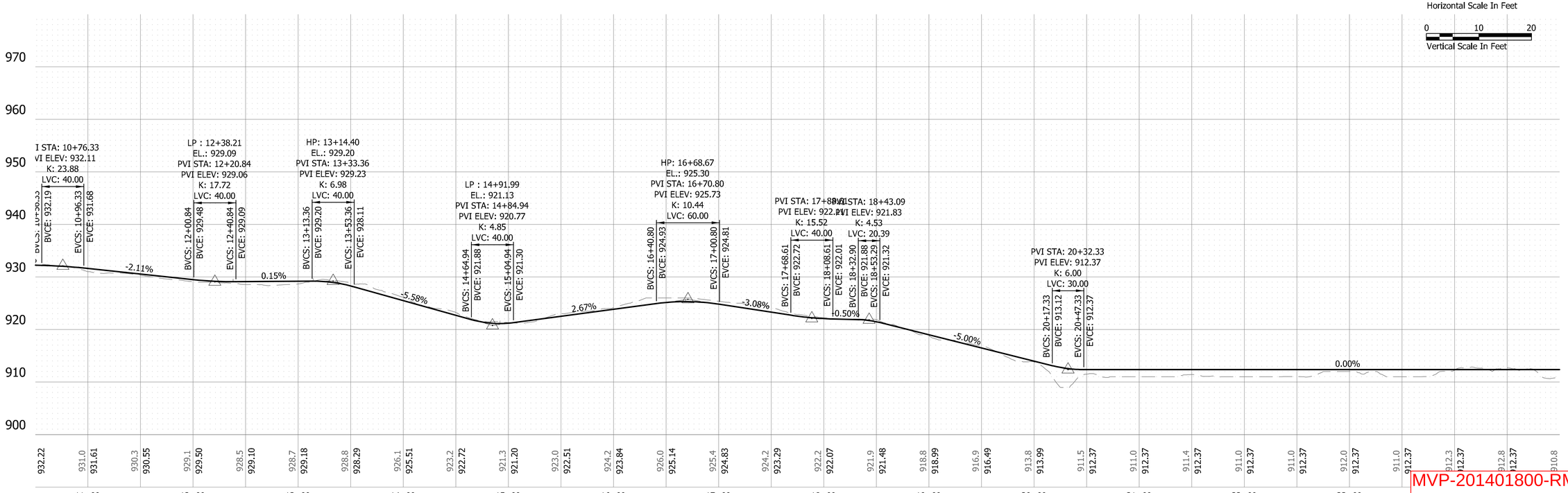
SEE SHEET C6.01



SEE SHEET C6.03



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SCOTT COUNTY, MINNESOTA

SPRING LAKE REGIONAL PARK TRAIL - PHASE 2

PLAN AND PROFILE

NO	REVISION	DATE

SURVEY	PBW
DRAWN	JCB
DESIGNED	JCB
CHECKED	-
APPROVED	-
PROJ. NO.	193802166

SHEET NUMBER
C6.02

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Plot Date: 06/18/2015 1:49pm
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Adjacent Parcels, 193802166\ISNEO_PH2