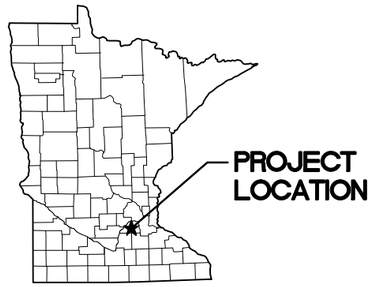
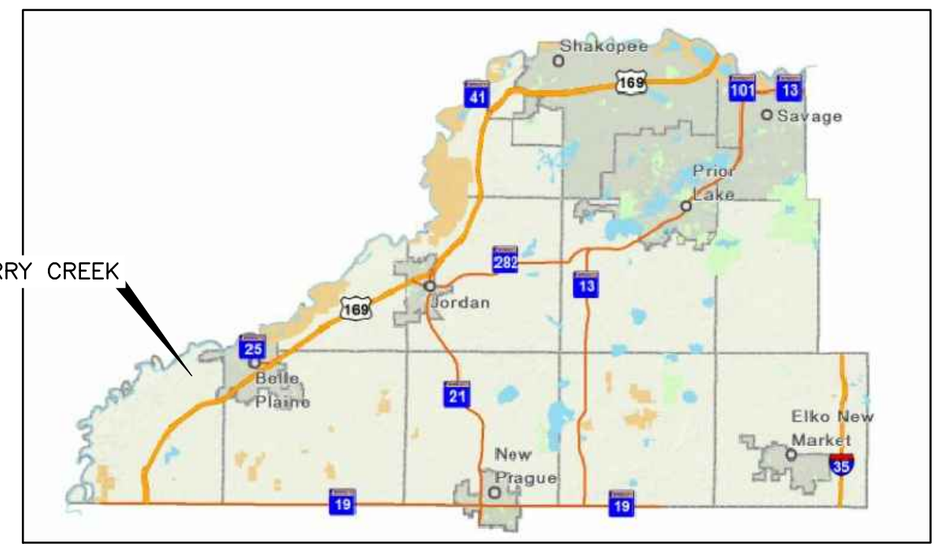
SCOTT WATERSHED MANAGEMENT ORGANIZATION

QUARRY CREEK

BLAKELEY TOWNSHIP



COUNTY MAP



SITE LOCATION MAP

SHEET INDEX

G–GENERAL
C–CIVIL

SHEET NO.	TITLE
G–01	SITE LOCATION AND SHEET INDEX
C–01	GENERAL PLAN
C–02	WEST BRANCH/WEST HEAD, PLAN AND PROFILE
C–03	WEST BRANCH/EAST HEAD, PLAN AND PROFILE
C–04	EAST BRANCH/MEULENERS RAVINE, PLAN AND PROFILE
C–05	EAST BRANCH/0+00 TO 15+00, PLAN AND PROFILE
C–06	EAST BRANCH/MIDDLE HEAD, PLAN AND PROFILE
C–07	EAST BRANCH/15+00 TO 30+00, PLAN AND PROFILE
C–08	EAST BRANCH/30+00 TO 45+00, PLAN AND PROFILE
C–09	EAST BRANCH/45+00 TO 60+00, PLAN AND PROFILE
C–10	WEST BRANCH/NORTH HEAD, PLAN AND PROFILE
C–11	SECTIONS AND DETAILS 1
C–12	SECTIONS AND DETAILS 2
C–13	CROSS SECTIONS 1
C–14	CROSS SECTIONS 2
C–15	CROSS SECTIONS 3
C–16	CROSS SECTIONS 4
C–17	CROSS SECTIONS 5
C–18	CROSS SECTIONS 6
C–19	CROSS SECTIONS 7

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_SITE LOC AND INDEX.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 12:07 PM
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ggn M:\AdeptWork\GGN2\2370102700_SITE LOC AND INDEX.DWG Plot at 0 03/03/2015 12:07:00

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SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

SITE LOCATION
AND SHEET INDEX

BARR PROJECT No. 23/70–1027.02
CLIENT PROJECT No.
DWG. No. G–01
REV. No. C

1 PLAN:
0 400 800
SCALE IN FEET

N

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\23701027.00_GEN PLAN.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 12:07 PM
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SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

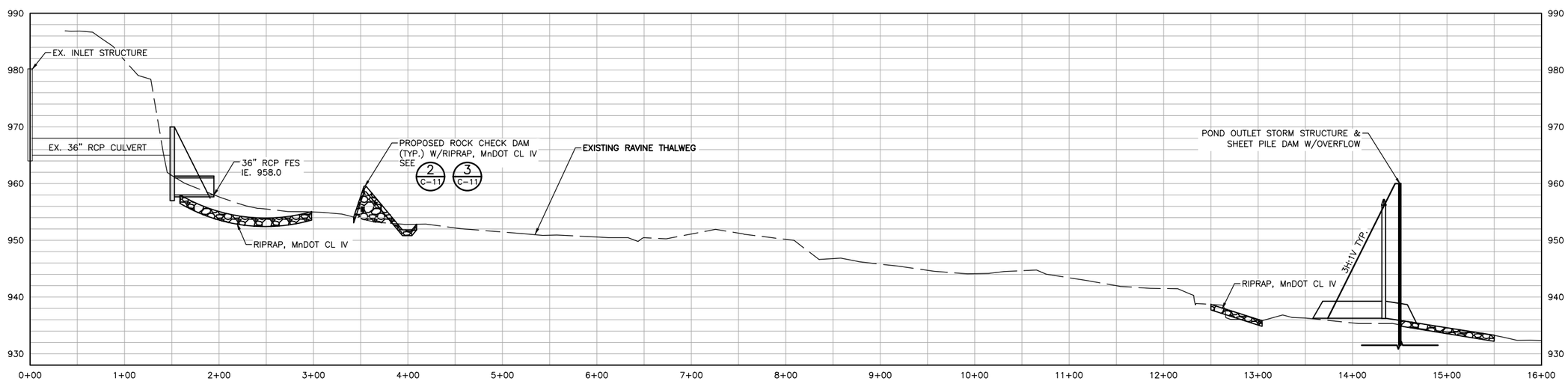
GENERAL
PLAN

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-01
REV. No. C

1 PLAN: WEST BRANCH/WEST HEAD

0 60 120
HORIZONTAL SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 PROFILE: WEST BRANCH/WEST HEAD

0 60 120
HORIZONTAL SCALE IN FEET

0 10 20
VERTICAL SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION

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SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

WEST BRANCH/WEST HEAD
PLAN AND PROFILE

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-02
REV. No. C

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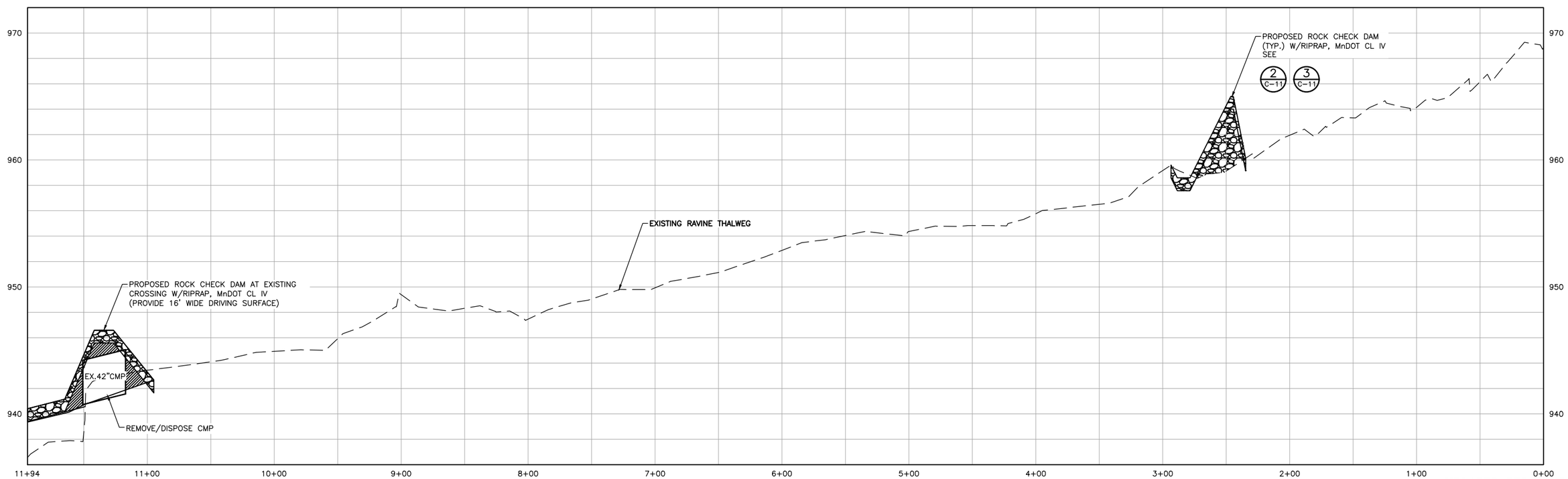
ggn M:\AdeptWork\GGN2\2370102700_C3D_WEST BRANCH_WEST HEAD PP.DWG Plot at 0 03/03/2015 13:28:05

1 PLAN: WEST BRANCH/EAST HEAD

0 40 80
HORIZONTAL SCALE IN FEET

N

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 PROFILE: WEST BRANCH/EAST HEAD

0 40 80
HORIZONTAL SCALE IN FEET

0 4 8
VERTICAL SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_C3D_WEST BRANCH_EAST HEAD PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 1:31 PM
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ggn M:\AdeptWork\GGN2\2370102700_C3D_WEST BRANCH_EAST HEAD PP.DWG Plot at 0 03/03/2015 13:30:56

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SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

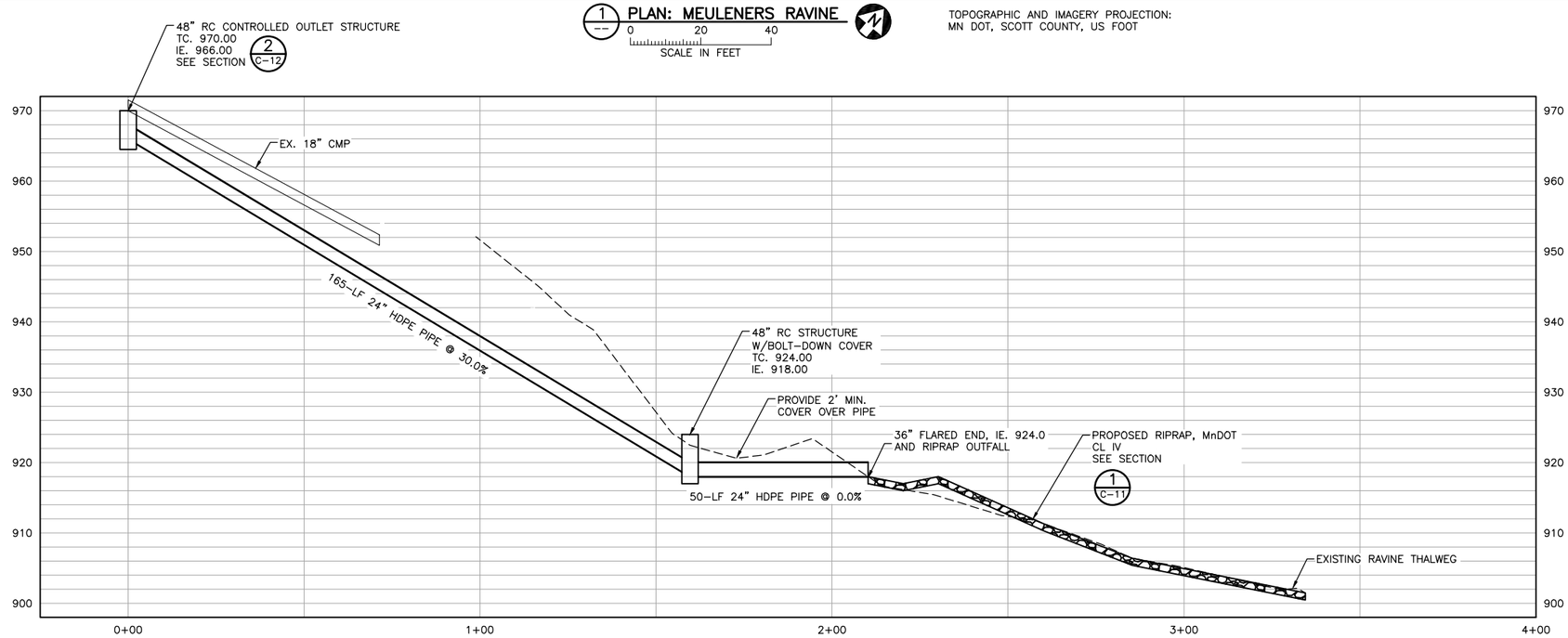
WEST BRANCH/EAST HEAD
PLAN AND PROFILE

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-03
REV. No. C

1 PLAN: MEULENERS RAVINE

0 20 40
SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 PROFILE: MEULENERS RAVINE

0 20 40
HORIZ. SCALE IN FEET

0 10 20
VERT. SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_C3D_EAST BRANCH_MEULENERS RAVINE PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 1:32 PM
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ggn M:\AdeptWork\GGN2\2370102700_C3D_EAST BRANCH_MEULENERS RAVINE PP.DWG Plot at 0 03/03/2015 13:32:24

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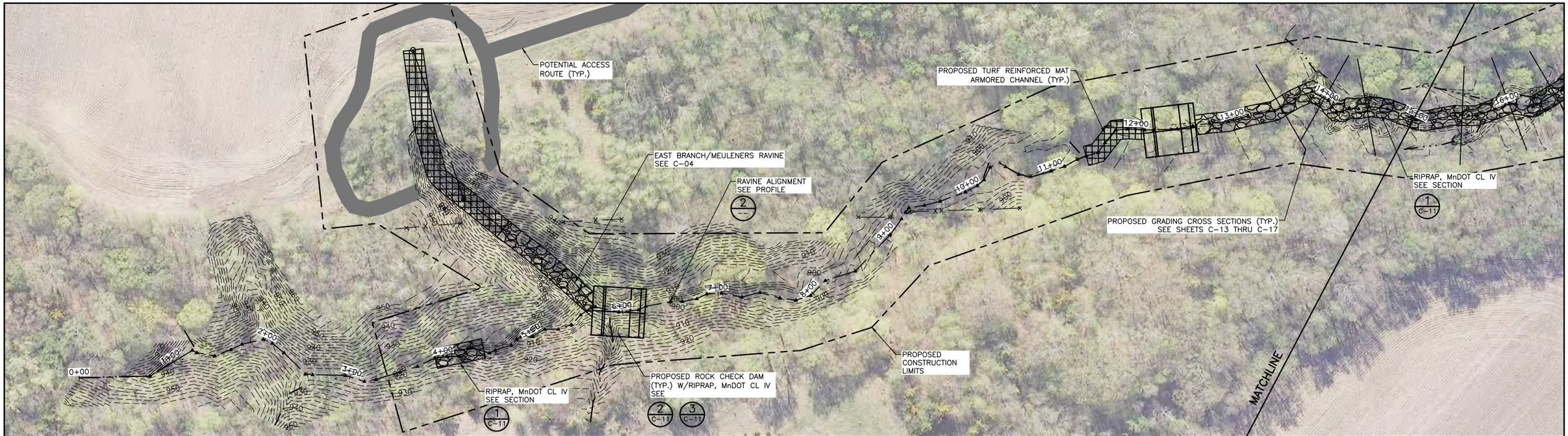
QUARRY CREEK
BLAKELEY TOWNSHIP

EAST BRANCH/MEULENERS RAVINE
PLAN & PROFILE

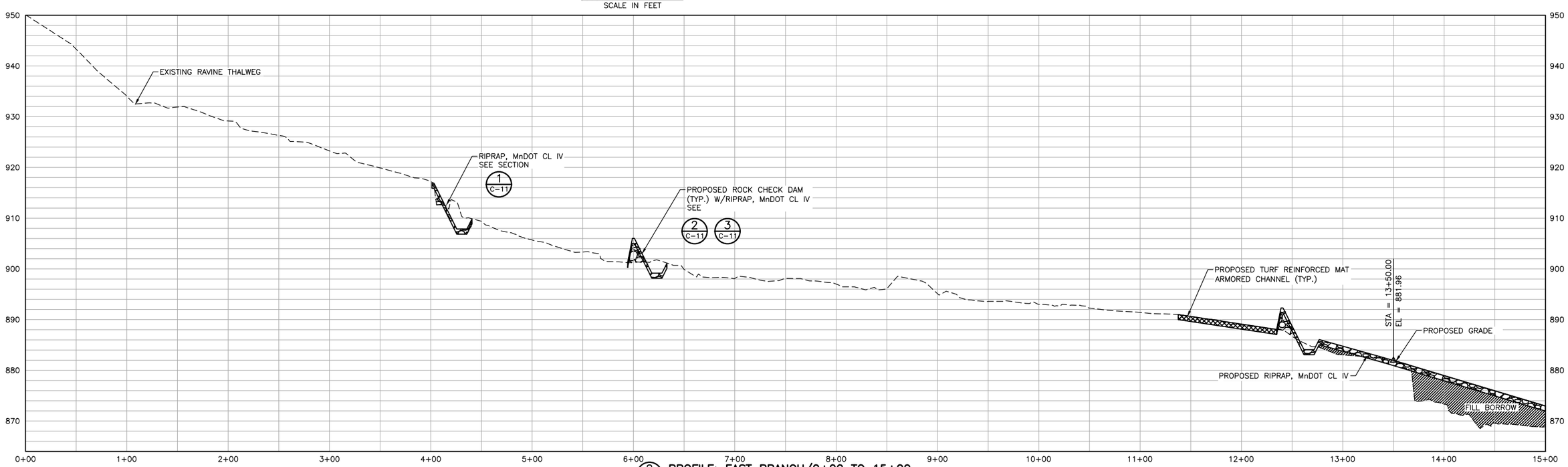
BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-04
REV. No. C



1 -- PLAN: EAST BRANCH/0+00 TO 15+00

0 50 100
SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 -- PROFILE: EAST BRANCH/0+00 TO 15+00

0 50 100
HORIZ. SCALE IN FEET

0 10 20
VERT. SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_C3D_EAST BRANCH_0-1500 PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 1:33 PM
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ggn M:\AdeptWork\GGN2\2370102700_C3D_EAST BRANCH_0-1500 PP.DWG Plot at 0 03/03/2015 12:03:47

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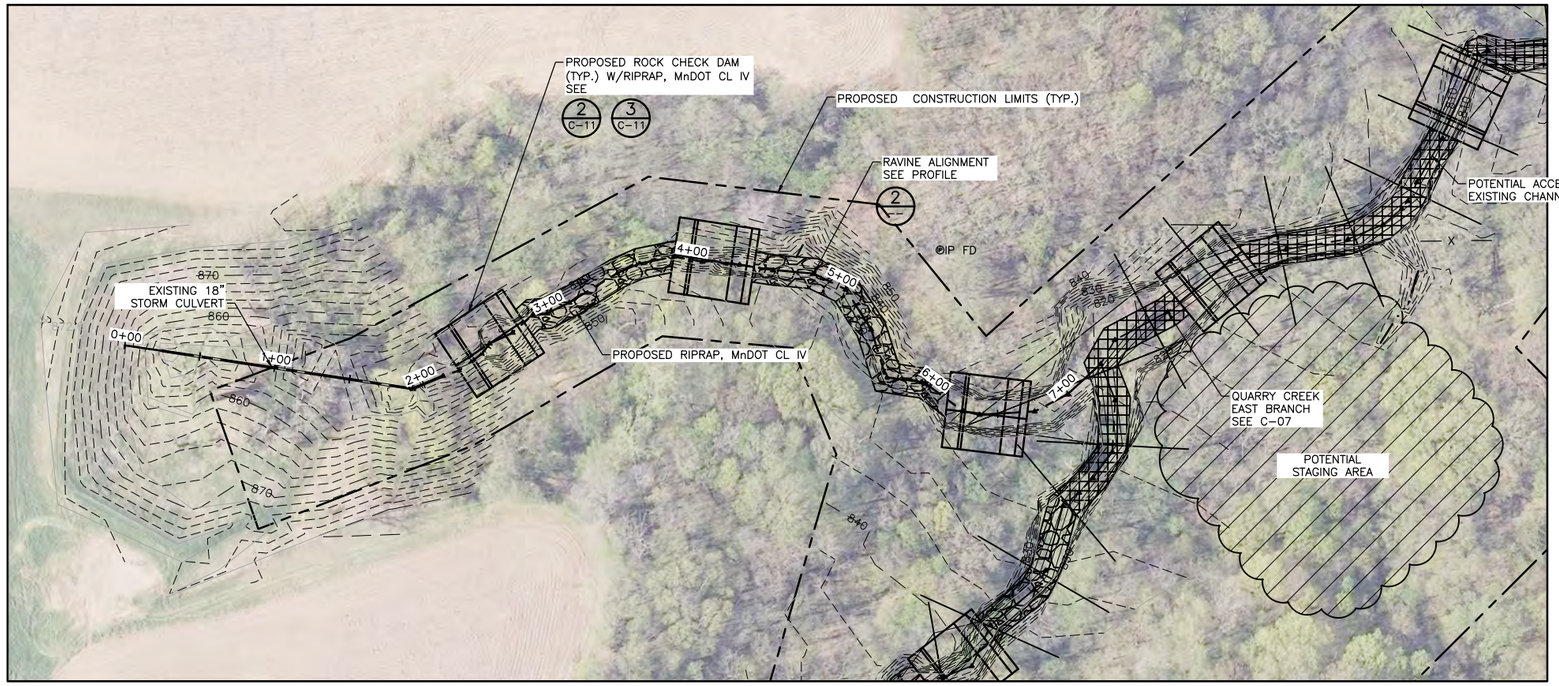
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

EAST BRANCH/0+00 TO 15+00
PLAN AND PROFILE

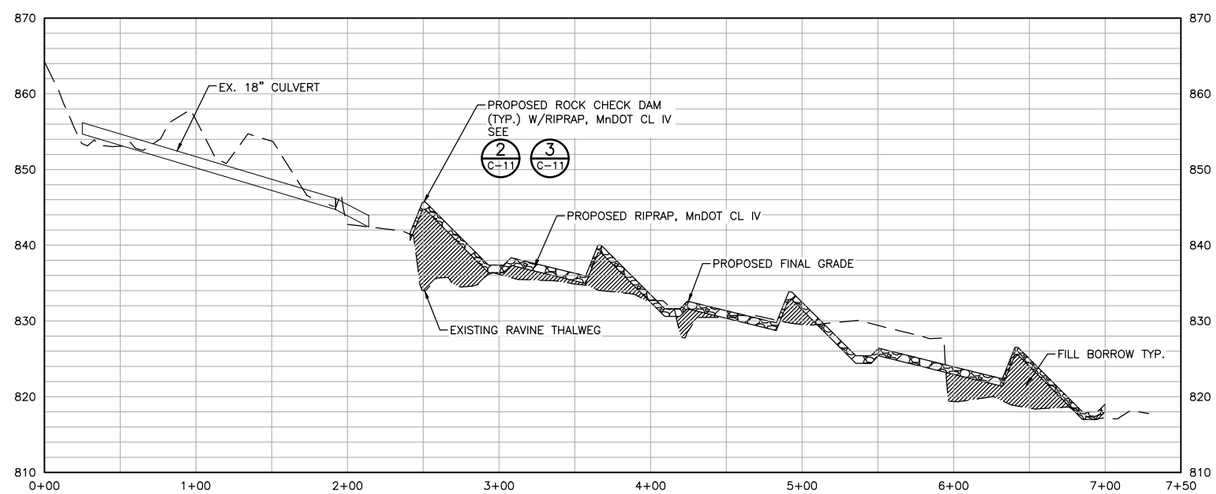
BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-05
REV. No. C



1 PLAN: EAST BRANCH–MIDDLE HEAD

0 50 100
SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 PROFILE: EAST BRANCH–MIDDLE HEAD

0 50 100 — HORIZ. SCALE IN FEET
0 10 20 — VERT. SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_C3D_EAST BRANCH_MIDDLE HEAD PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 1:46 PM
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ggn M:\AdeptWork\GGN\2370102700_C3D_EAST BRANCH_MIDDLE HEAD PP.dwg Plot at 0 02/16/2015 16:10:25

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SHAKOPEE, MINNESOTA

QUARRY CREEK
SCOTT COUNTY

EAST BRANCH/MIDDLE HEAD
PLAN AND PROFILE

BARR PROJECT No. 23/70–1027.02
CLIENT PROJECT No.
DWG. No. C–06
REV. No. C

1 PLAN: EAST BRANCH/15+00 TO 30+00

0 50 100
SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT

2 PROFILE: EAST BRANCH/15+00 TO 30+00

0 50 100
HORIZ. SCALE IN FEET

0 10 20
VERT. SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

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SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

EAST BRANCH/15+00 TO 30+00
PLAN AND PROFILE

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-07
REV. No. C

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_C3D_EAST BRANCH_1500-3000 PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 1:49 PM
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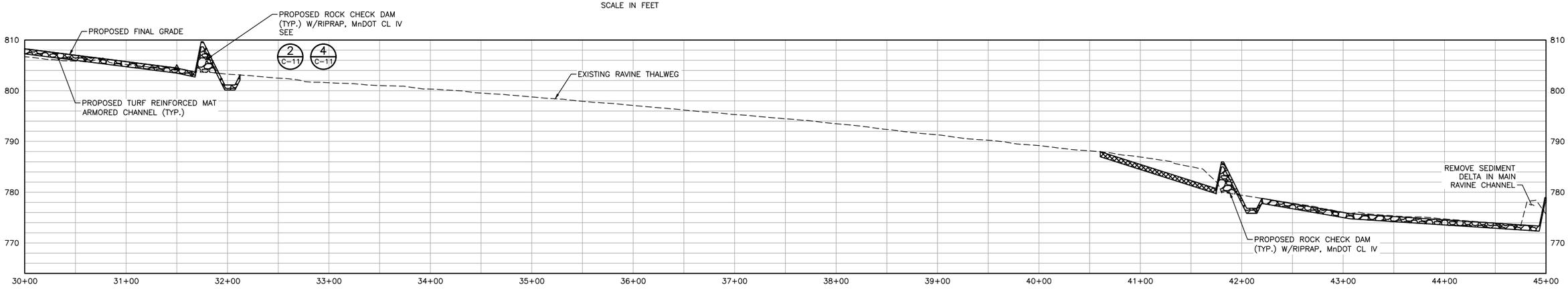
ggn M:\AdeptWork\GGN2\2370102700_C3D_EAST BRANCH_1500-3000 PP.DWG Plot at 0 02/16/2015 15:07:52

1 -- PLAN: EAST BRANCH/30+00 TO 45+00

0 50 100
SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 -- PROFILE: EAST BRANCH/30+00 TO 45+00

0 50 100
HORIZ. SCALE IN FEET

0 10 20
VERT. SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\237010270O_C3D_EAST BRANCH_3000-4500 PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 1:51 PM
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ggn M:\AdeptWork\GGN2\237010270O_C3D_EAST BRANCH_3000-4500 PP.DWG Plot at 0 03/03/2015 13:51:00

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Designed	GGN
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SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

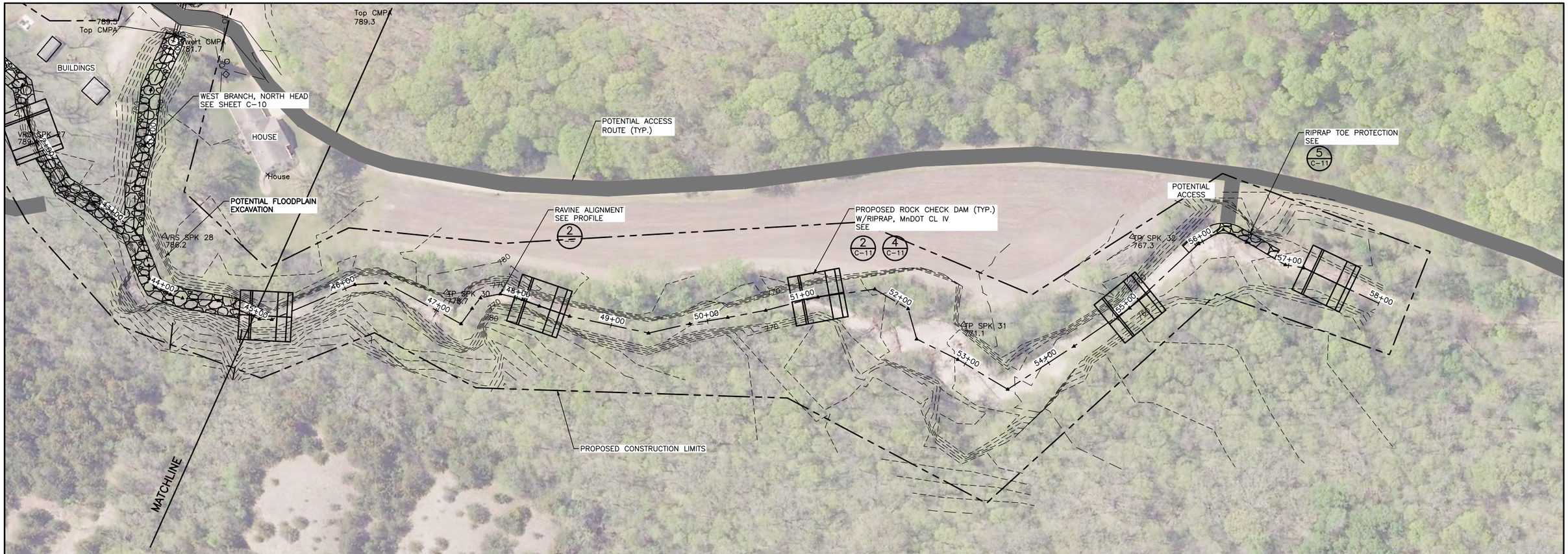
EAST BRANCH/30+00 TO 45+00
PLAN AND PROFILE

BARR PROJECT No. 23/70-1027.02

CLIENT PROJECT No.

DWG. No. C-08

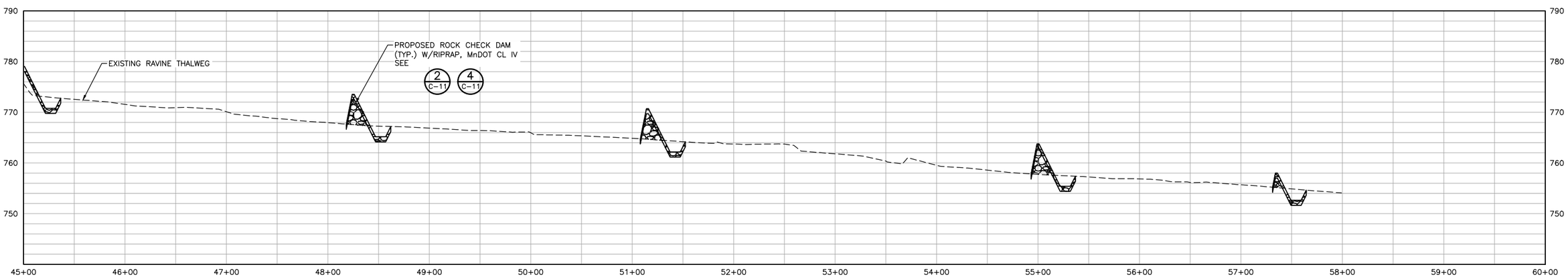
REV. No. C



1 PLAN: EAST BRANCH/45+00 TO 60+00

0 50 100
SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 PROFILE: EAST BRANCH/45+00 TO 60+00

0 50 100
HORIZ. SCALE IN FEET

0 10 20
VERT. SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION

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RELEASED TO/FOR	A	B	C	0	1	2	3
CLIENT	11/24/16						
BID							
CONSTRUCTION							
	DATE RELEASED						

BARR

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55435-4803
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Fax: (952) 832-2601
www.barr.com

Scale	AS SHOWN
Date	11/24/2014
Drawn	GGN
Checked	
Designed	GGN
Approved	

SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

EAST BRANCH/45+00 TO 60+00
PLAN AND PROFILE

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-09
REV. No. C

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_C3D_EAST BRANCH_4500-6000 PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 1:54 PM
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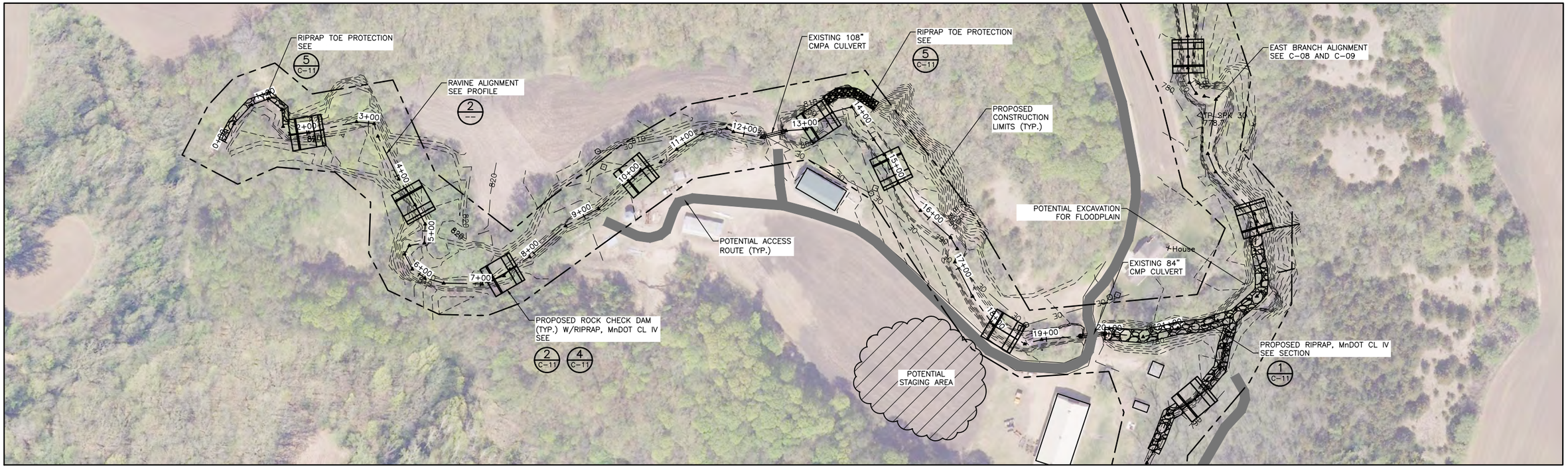
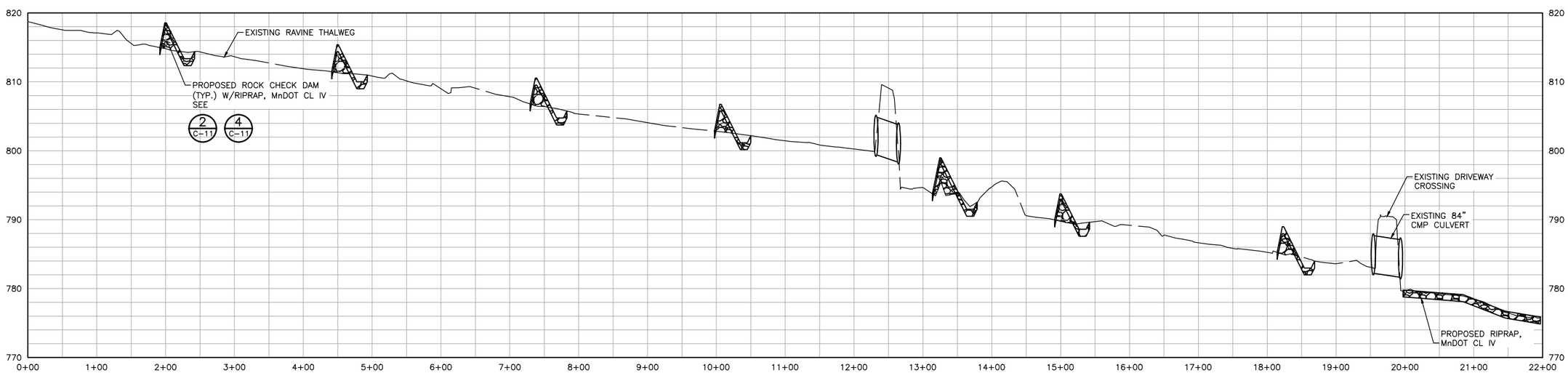


1 PLAN: WEST BRANCH/NORTH HEAD

0 80 160
HORIZONTAL SCALE IN FEET

TOPOGRAPHIC AND IMAGERY PROJECTION:
MN DOT, SCOTT COUNTY, US FOOT



2 PROFILE: WEST BRANCH/NORTH HEAD

0 80 160
HORIZONTAL SCALE IN FEET

0 8 16
VERTICAL SCALE IN FEET

UPDATED FEB 2015
60% DESIGN

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION

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CLIENT	11/24	1/14	2/16				
BID							
CONSTRUCTION							
DATE RELEASED							

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Scale	AS SHOWN
Date	11/24/2014
Drawn	GGN
Checked	
Designed	GGN
Approved	

SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

WEST BRANCH/NORTH HEAD
PLAN AND PROFILE

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-10
REV. No. C

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_C3D_WEST BRANCH_NORTH HEAD PP.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 2:05 PM
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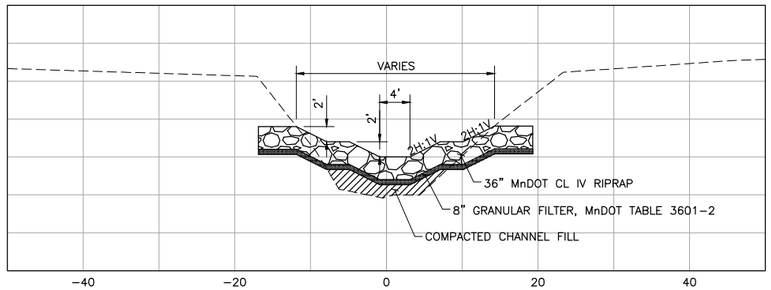
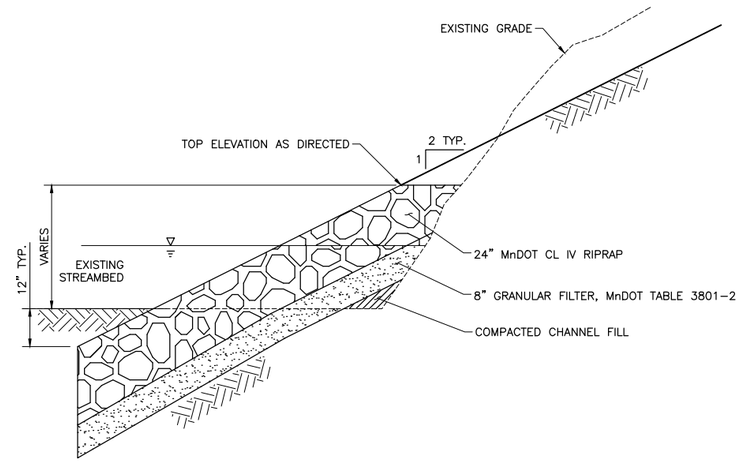
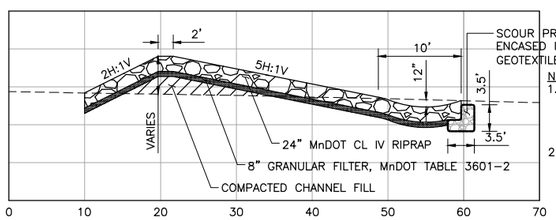
ggn M:\AdeptWork\GGN2\2370102700_C3D_WEST BRANCH_NORTH HEAD PP.DWG Plot at 0 03/03/2015 13:59:25



3 SECTION: ROCK CHECK DAM
0 10 20
SCALE IN FEET



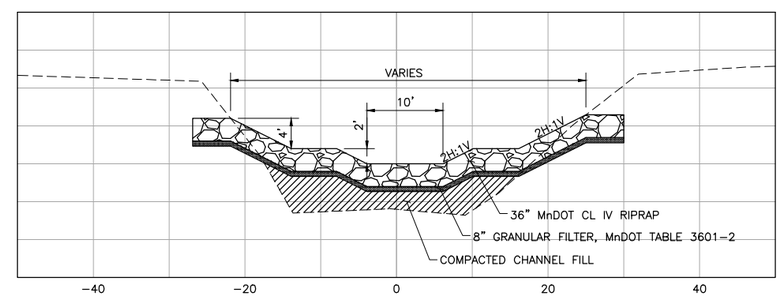
5 SECTION: RIPRAP TOE PROTECTION
NOT TO SCALE



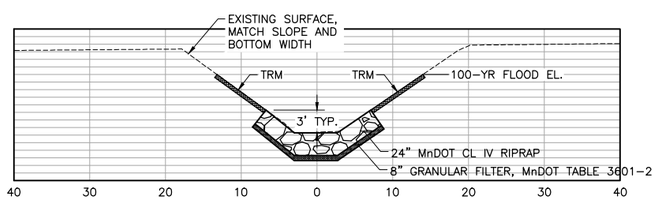
SCOUR PROTECTION: MnDOT CL II ANGULAR RIPRAP ENCASED INSIDE NONWOVEN MIRAFI 180N GEOTEXTILE (OR EQUAL), 2-FT MIN. OVERLAP REQ.

NOTE:
1. BOTTOM OF SCOUR PROTECTION SHALL BE EMBEDDED INTO EXISTING CHANNEL BOTTOM VERTICALLY A MIN. OF 3.5-FT. TO A HEIGHT 0.5-FT BELOW FINISHED GRADE.
2. SCOUR PROTECTION SHALL EXTEND UNDER FULL WIDTH OF ROCK CHECK DAM END TO TOP OF CHANNEL BANK SLOPE ON EACH SIDE.

2 PROFILE: ROCK CHECK DAM
0 10 20
SCALE IN FEET



4 SECTION: ROCK CHECK DAM
0 10 20
SCALE IN FEET



1 SECTION: RIPRAP WITH FILTER CHANNEL
0 10 20
SCALE IN FEET

UPDATED JAN 2015
30% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\23701027OO_SECTIONS AND DETAILS 1.DWG PLOT SCALE: 1:2 PLOT DATE: 2/16/2015 12:11 PM
Xrefs in Drawing – M:\AdeptWork\GGN2\23701027OO_C3D_DESIGN MODEL.DWG
ggn M:\AdeptWork\GGN2\23701027OO_SECTIONS AND DETAILS 1.DWG Plot at 0 02/16/2015 12:11:43

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CLIENT	11/24/14						
BID							
CONSTRUCTION							

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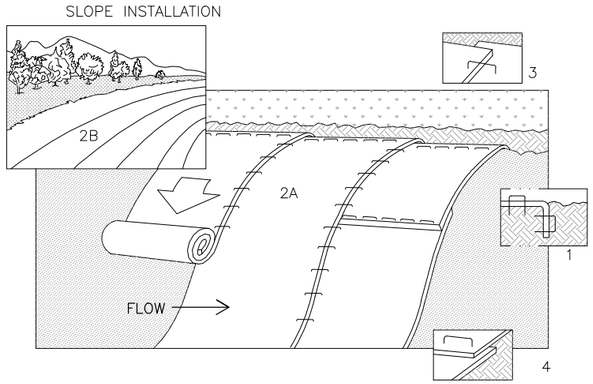
Scale	AS SHOWN
Date	11/24/2014
Drawn	GGN
Checked	
Designed	BARR
Approved	

SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
SCOTT COUNTY

SECTIONS AND DETAILS 1

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-11
REV. No. B



NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

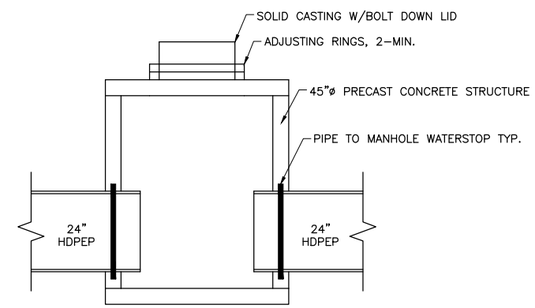
1. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

2. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE.

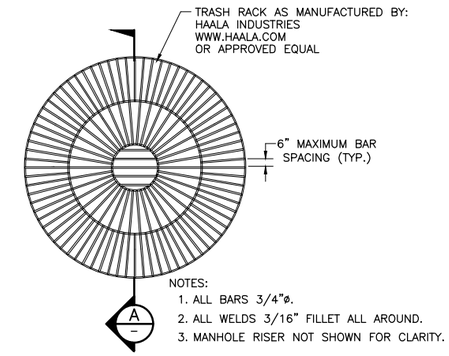
3. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 6" OVERLAP, WITH THE UPHILL BLANKET ON TOP.

4. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.

1 / – DETAIL: TEMPORARY EROSION CONTROL BLANKET
NOT TO SCALE

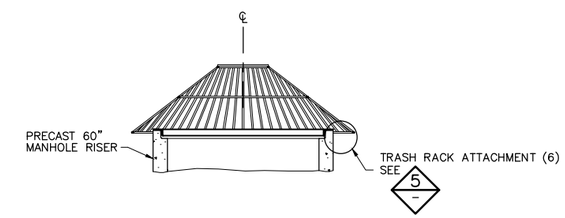


– / – SECTION: MEULENERS LOWER RAVINE MANHOLE
0 1 2 3 4
SCALE IN FEET

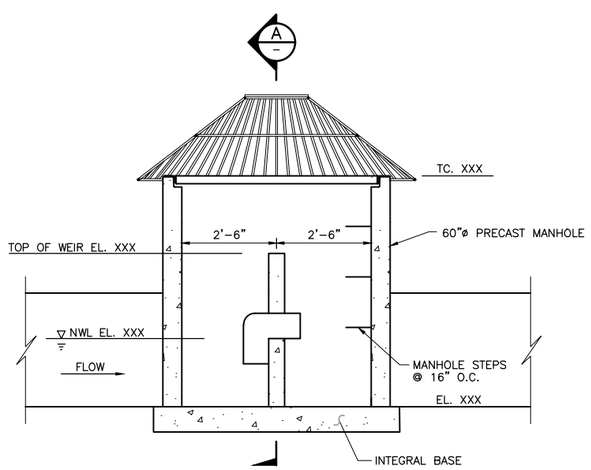


NOTES:
1. ALL BARS 3/4"ø.
2. ALL WELDS 3/16" FILLET ALL AROUND.
3. MANHOLE RISER NOT SHOWN FOR CLARITY.

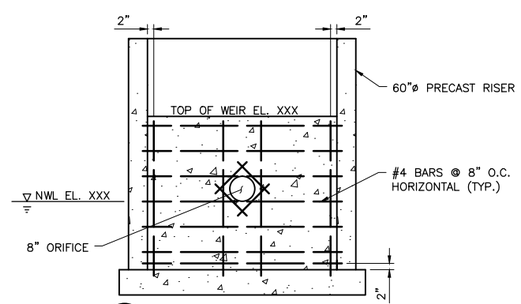
3 / – DETAIL: SPECIAL INLET TRASH RACK
NOT TO SCALE



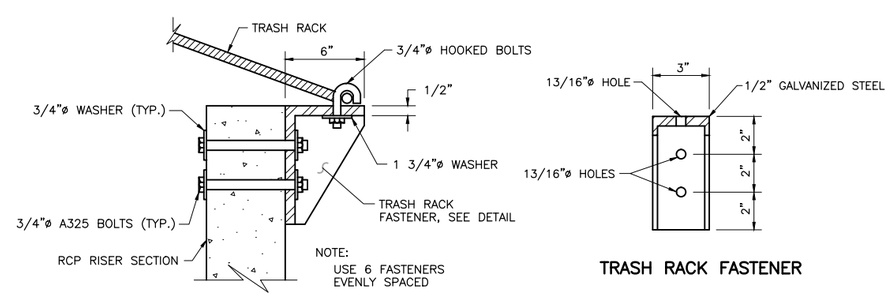
A / – SECTION: SPECIAL INLET TRASH RACK
NOT TO SCALE



2 / – SECTION: CONTROL WEIR
0' 2'
HORZ. SCALE



A / – SECTION: CONTROL WEIR



5 / – DETAIL: SPECIAL OUTLET TRASH RACK FASTENER ATTACHMENT
0 3 6 12
SCALE IN INCHES

UPDATED FEB 2015
60% DESIGN

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION

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DATE _____ REG. NO. _____

RELEASED TO/FOR	A	B	C	0	1	2	3
CLIENT	11/24	1/14	2/16				
BID							
CONSTRUCTION							
DATE RELEASED							

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Scale	AS SHOWN
Date	11/24/2014
Drawn	GGN
Checked	
Designed	BARR
Approved	

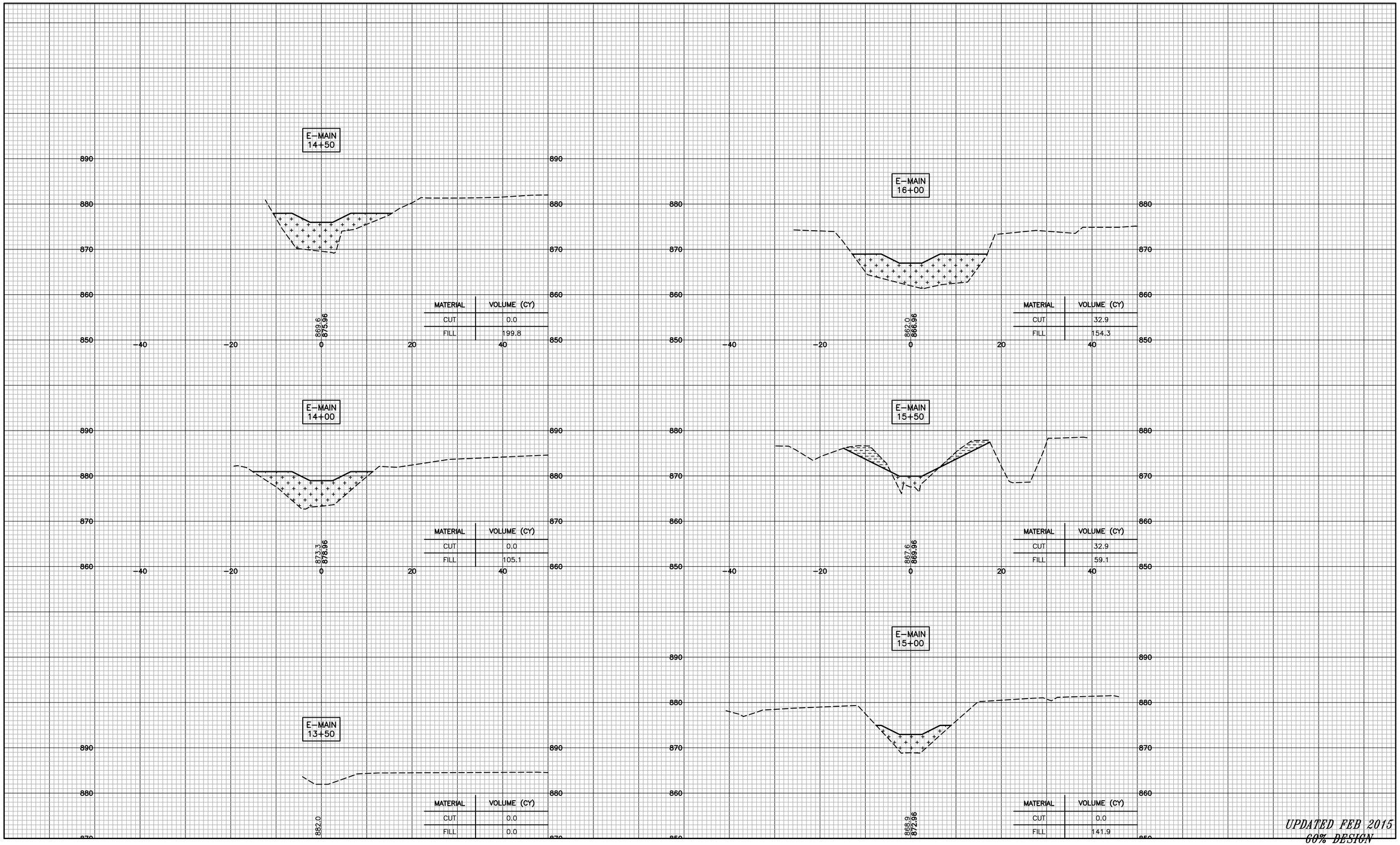
SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
BLAKELEY TOWNSHIP

SECTIONS AND DETAILS 2

BARR PROJECT No. 23/70–1027.02
CLIENT PROJECT No.
DWG. No. C–12
REV. No. C

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_SECTIONS AND DETAILS 2.DWG PLOT SCALE: 1:2 PLOT DATE: 3/3/2015 4:01 PM
ggn M:\AdeptWork\GGN2\2370102700_SECTIONS AND DETAILS 2.DWG Plot at 0 02/16/2015 15:31:58



MATERIAL	VOLUME (CY)
CUT	0.0
FILL	199.8

MATERIAL	VOLUME (CY)
CUT	32.9
FILL	154.3

MATERIAL	VOLUME (CY)
CUT	0.0
FILL	105.1

MATERIAL	VOLUME (CY)
CUT	32.9
FILL	59.1

MATERIAL	VOLUME (CY)
CUT	0.0
FILL	0.0

MATERIAL	VOLUME (CY)
CUT	0.0
FILL	141.9

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_CROSS SECTIONS.DWG PLOT SCALE: 1:1 PLOT DATE: 2/16/2015 3:34 PM
ggn M:\AdeptWork\GGN2\2370102700_Cross Sections.dwg Plot at 10 01/14/2015 10:58:56

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION

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CLIENT	11/24/14	1/12/16					
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Designed	BARR
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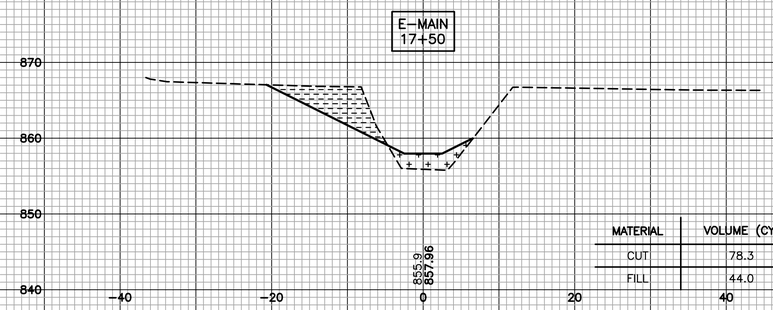
SCOTT WMO
SHAKOPEE, MINNESOTA

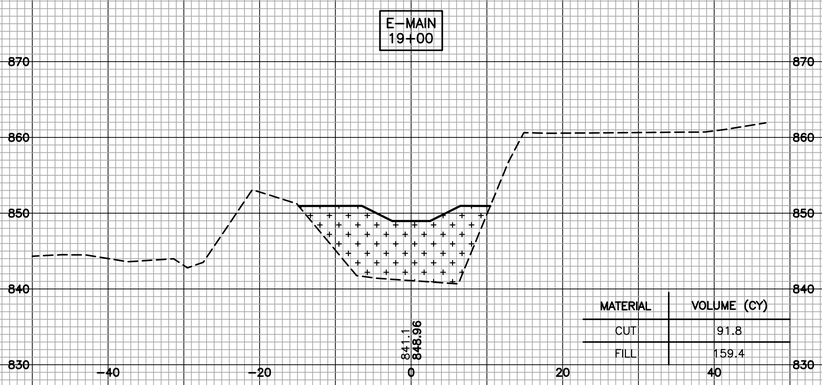
QUARRY CREEK
SCOTT COUNTY

CROSS
SECTIONS 1

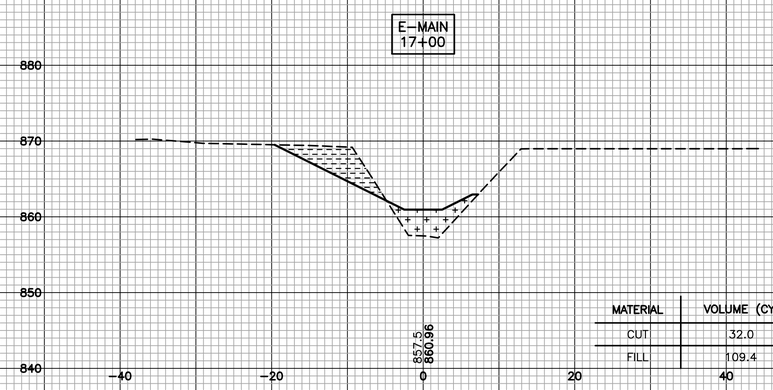
BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-13
REV. No. C



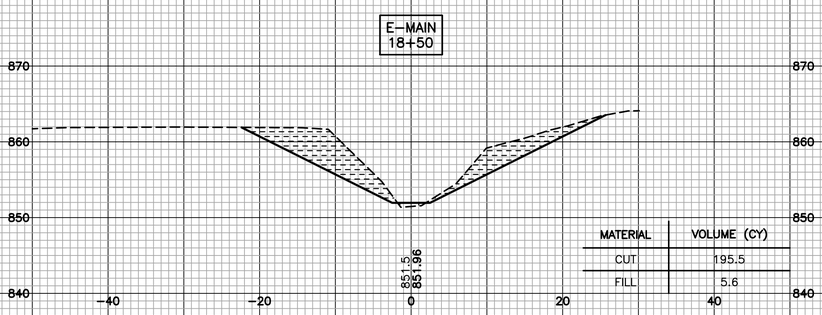
MATERIAL	VOLUME (CY)
CUT	78.3
FILL	44.0



MATERIAL	VOLUME (CY)
CUT	91.8
FILL	159.4



MATERIAL	VOLUME (CY)
CUT	32.0
FILL	109.4



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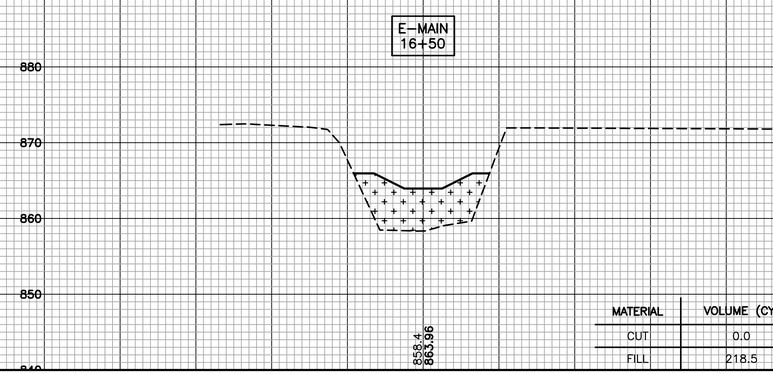
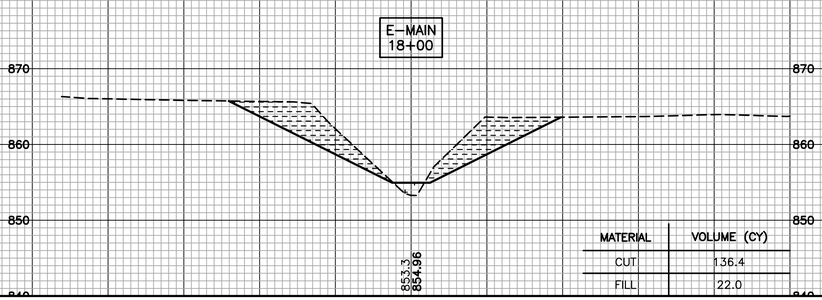
FILL	5.6



MATERIAL	VOLUME (CY)
CUT	0.0
FILL	218.5



MATERIAL	VOLUME (CY)
CUT	136.4
FILL	22.0

UPDATED FEB 2015
60% DESIGN

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DATE _____ LICENSE # _____

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CLIENT	11/24	1/12	/16				
BID							
CONSTRUCTION							

DATE RELEASED

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Scale	AS SHOWN
Date	11/24/2014
Drawn	GGN
Checked	
Designed	BARR
Approved	

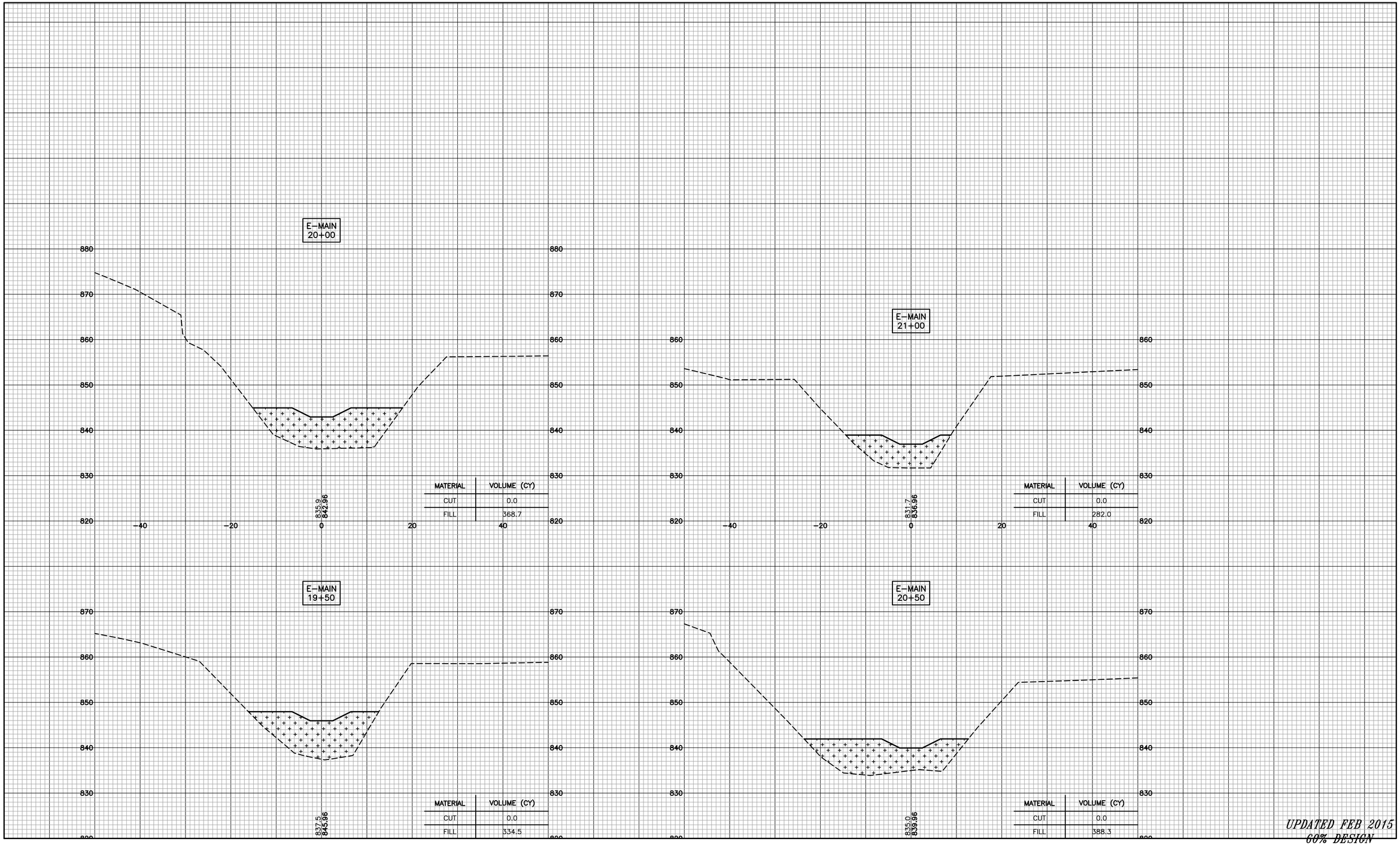
SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
SCOTT COUNTY

CROSS
SECTIONS 2

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-14
REV. No. C

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_CROSS SECTIONS.DWG PLOT SCALE: 1:1 PLOT DATE: 2/16/2015 3:34 PM
ggn M:\AdeptWork\GGN2\2370102700_Cross Sections.dwg Plot at 10 01/14/2015 10:58:56



MATERIAL	VOLUME (CY)
CUT	0.0
FILL	368.7

MATERIAL	VOLUME (CY)
CUT	0.0
FILL	282.0

MATERIAL	VOLUME (CY)
CUT	0.0
FILL	334.5

MATERIAL	VOLUME (CY)
CUT	0.0
FILL	388.3

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_CROSS SECTIONS.DWG PLOT SCALE: 1:1 PLOT DATE: 2/16/2015 3:34 PM

ggn M:\AdeptWork\GGN2\2370102700_Cross Sections.dwg Plot at 10 01/14/2015 10:58:56

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Designed	BARR
Approved	

SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
SCOTT COUNTY

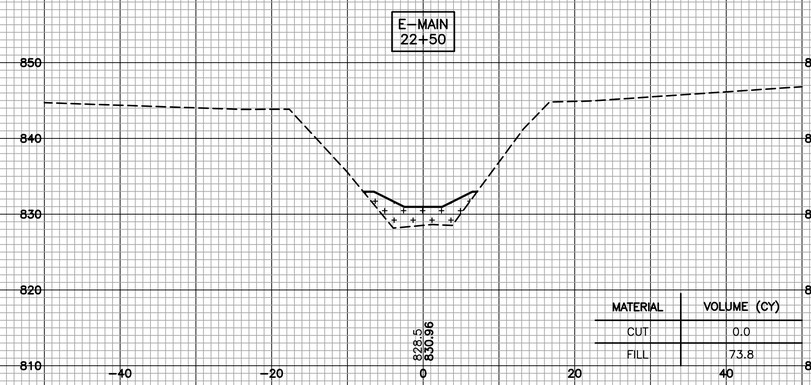
CROSS
SECTIONS 3

BARR PROJECT No. 23/70-1027.02

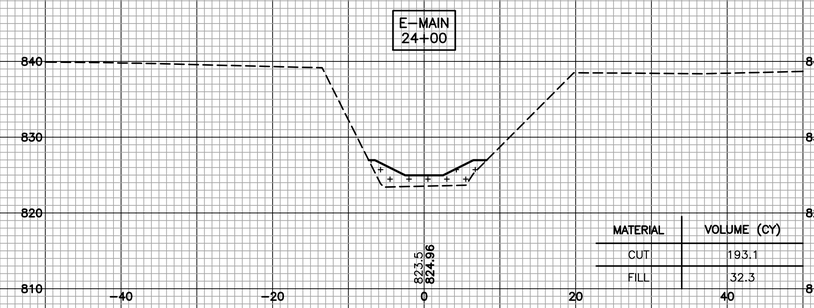
CLIENT PROJECT No.

DWG. No. C-15

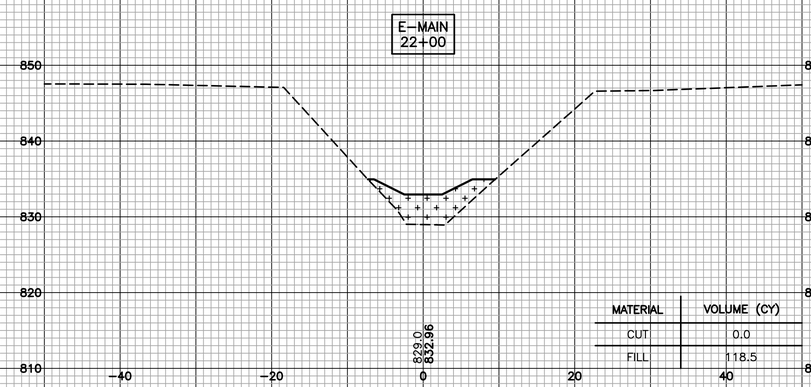
REV. No. C



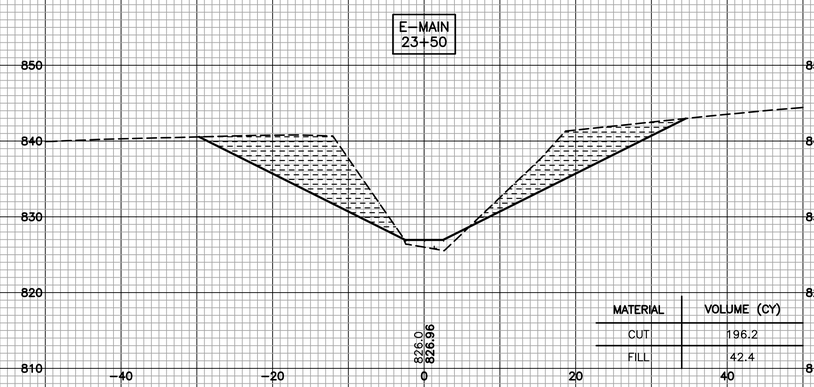
MATERIAL	VOLUME (CY)
CUT	0.0
FILL	73.8



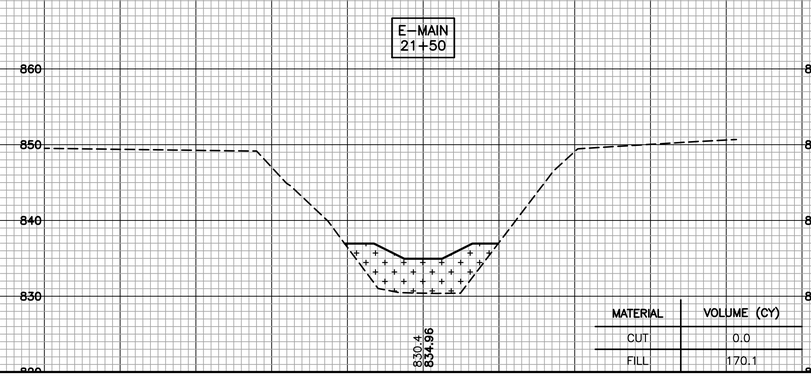
MATERIAL	VOLUME (CY)
CUT	193.1
FILL	32.3



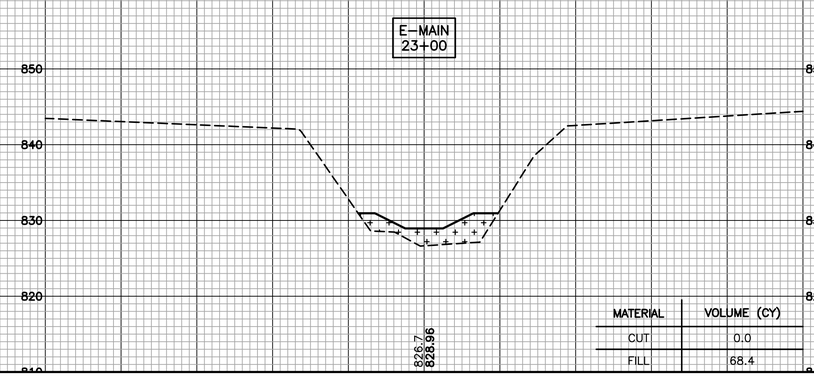
MATERIAL	VOLUME (CY)
CUT	0.0
FILL	118.5



MATERIAL	VOLUME (CY)
CUT	196.2
FILL	42.4



MATERIAL	VOLUME (CY)
CUT	0.0
FILL	170.1



MATERIAL	VOLUME (CY)
CUT	0.0
FILL	68.4

UPDATED FEB 2015
60% DESIGN

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_CROSS SECTIONS.DWG PLOT SCALE: 1:1 PLOT DATE: 2/16/2015 3:34 PM
ggn M:\AdeptWork\GGN2\2370102700_Cross Sections.dwg Plot at 10 01/14/2015 10:58:56

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

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SIGNATURE _____
DATE _____ LICENSE # _____

RELEASED TO/FOR	A	B	C	0	1	2	3
CLIENT	11/21/12/16						
BID							
CONSTRUCTION							
DATE RELEASED							

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Corporate Headquarters: Minneapolis, Minnesota Ph: 1-800-632-2277

Project Office:
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4700 WEST 77TH STREET
MINNEAPOLIS, MN.
55435-4803
Ph: 1-800-632-2277
Fax: (952) 832-2601
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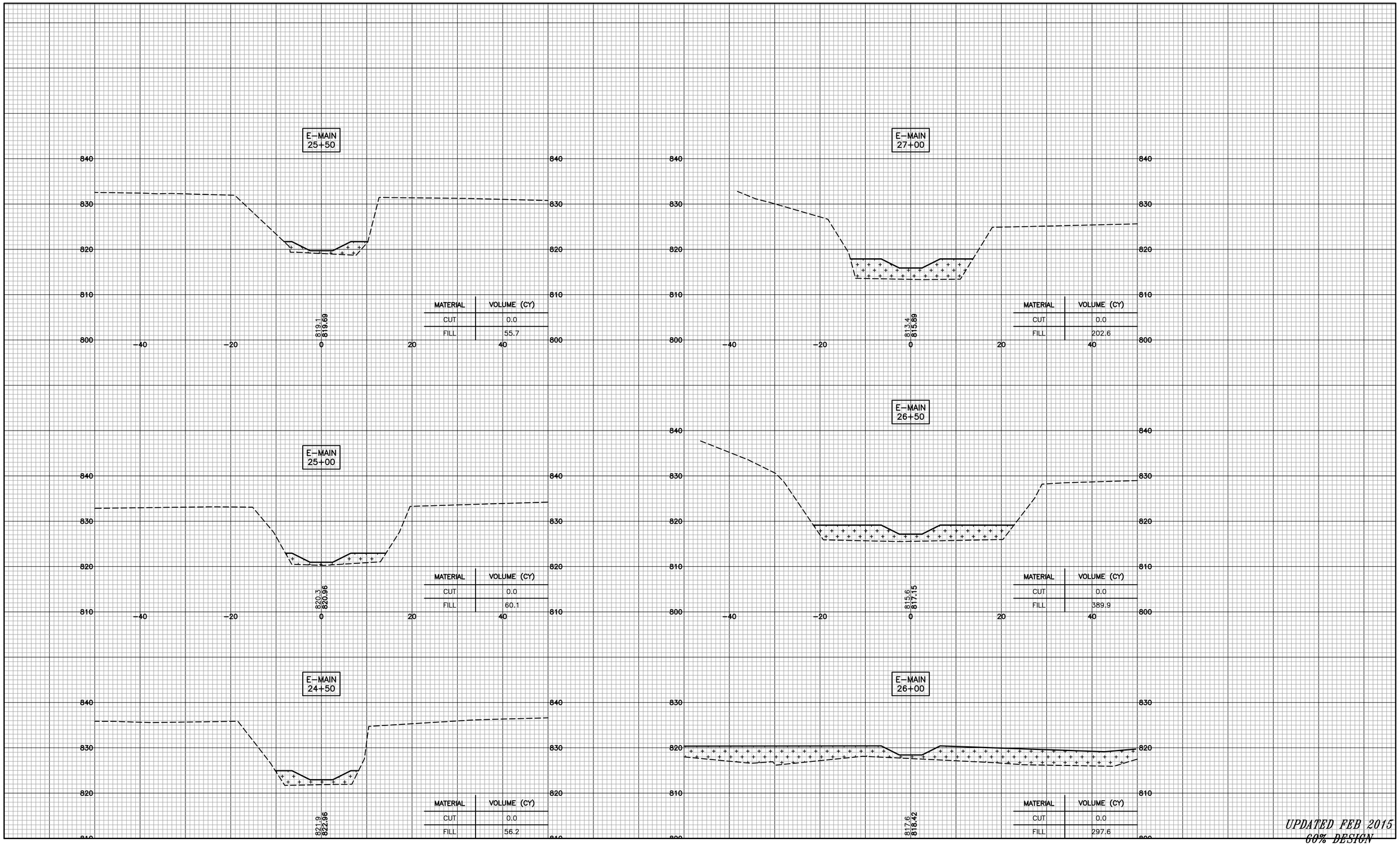
Scale	AS SHOWN
Date	11/24/2014
Drawn	GGN
Checked	
Designed	BARR
Approved	

SCOTT WMO
SHAKOPEE, MINNESOTA

QUARRY CREEK
SCOTT COUNTY

CROSS
SECTIONS 4

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-16
REV. No. C



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ggn M:\AdeptWork\GGN2\2370102700_Cross Sections.dwg Plot at 10 01/14/2015 10:58:56

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION

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SIGNATURE _____

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CLIENT	11/24	1/12	/16				
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Date	11/24/2014
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Designed	BARR
Approved	

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QUARRY CREEK
SCOTT COUNTY

CROSS SECTIONS 5

BARR PROJECT No. 23/70-1027.02

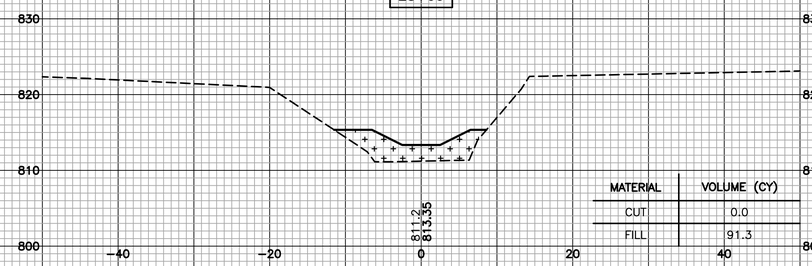
CLIENT PROJECT No.

DWG. No. C-17

REV. No. C

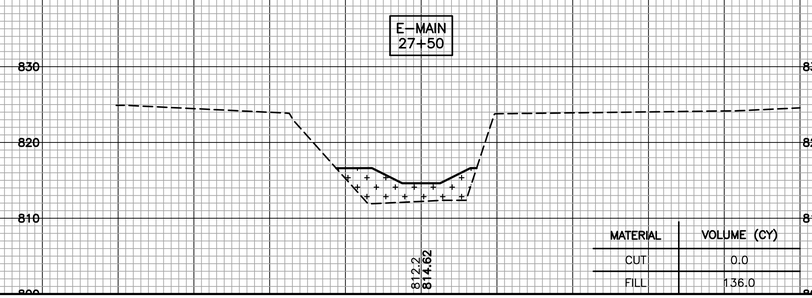
MATERIAL	VOLUME (CY)
CUT	0.0
FILL	114.6

MATERIAL	VOLUME (CY)
CUT	9.8
FILL	47.5

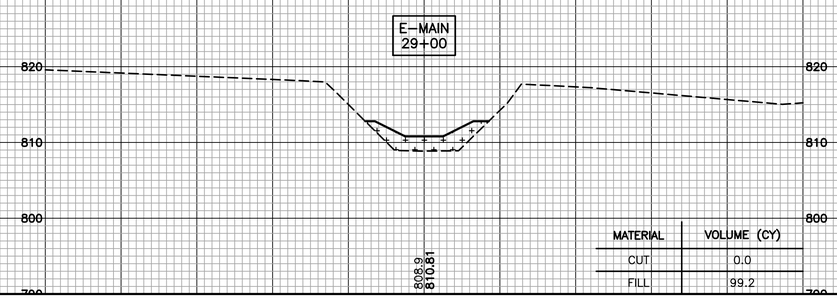


MATERIAL	VOLUME (CY)
CUT	0.0
FILL	91.3

MATERIAL	VOLUME (CY)
CUT	0.0
FILL	57.6



MATERIAL	VOLUME (CY)
CUT	0.0
FILL	136.0



MATERIAL	VOLUME (CY)
CUT	0.0
FILL	99.2

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CONSTRUCTION							
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Date	11/24/2014
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Checked	
Designed	BARR
Approved	

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SHAKOPEE, MINNESOTA

QUARRY CREEK
SCOTT COUNTY

CROSS
SECTIONS 6

BARR PROJECT No. 23/70-1027.02
CLIENT PROJECT No.
DWG. No. C-18
REV. No. C

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\2370102700_CROSS SECTIONS.DWG PLOT SCALE: 1:1 PLOT DATE: 2/16/2015 3:34 PM
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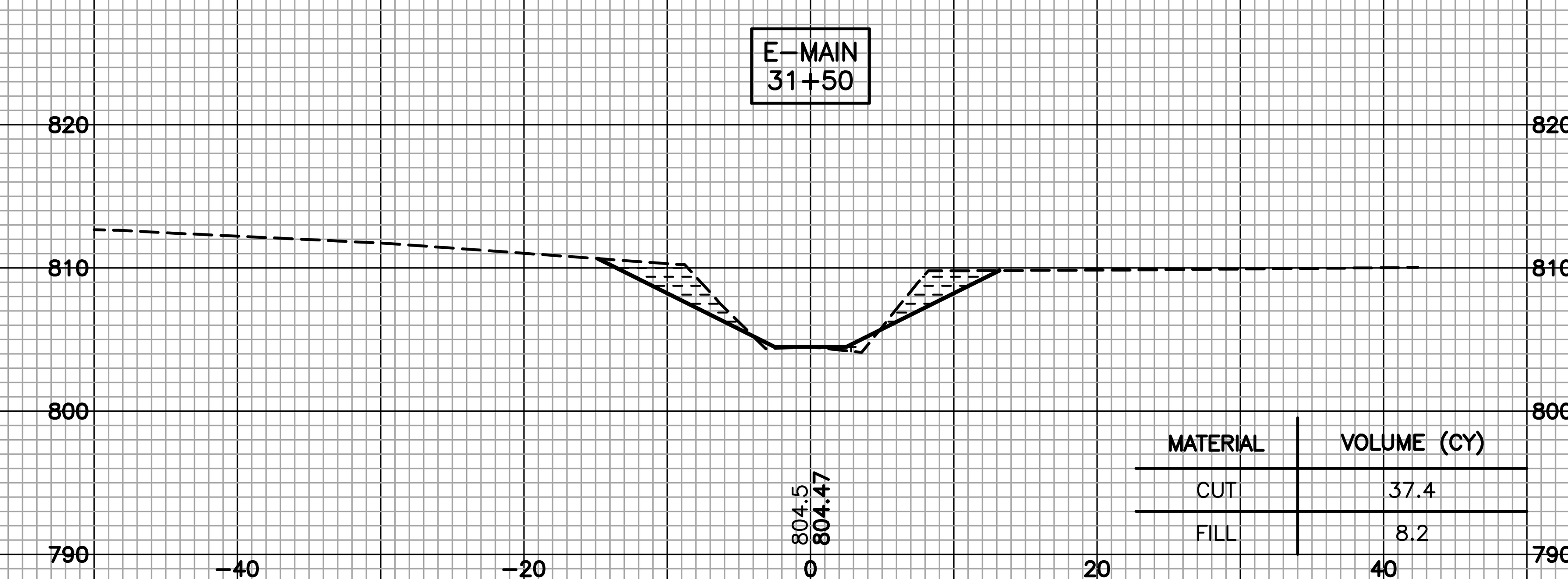
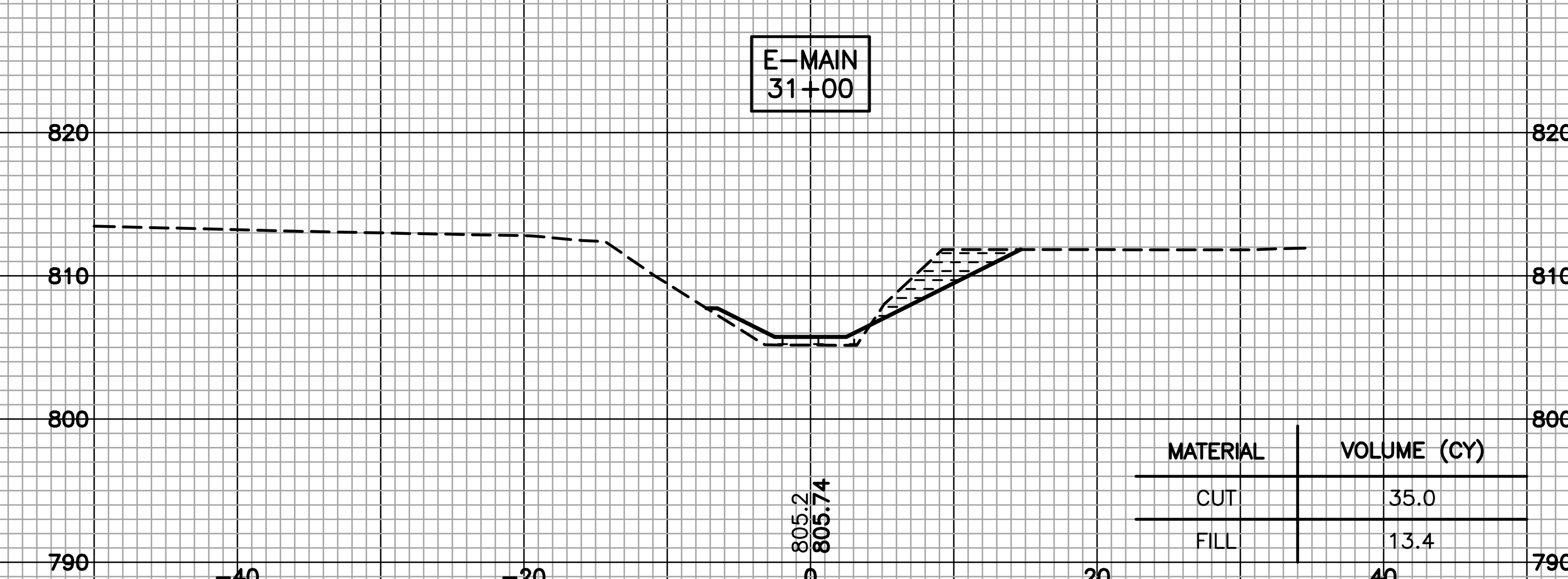
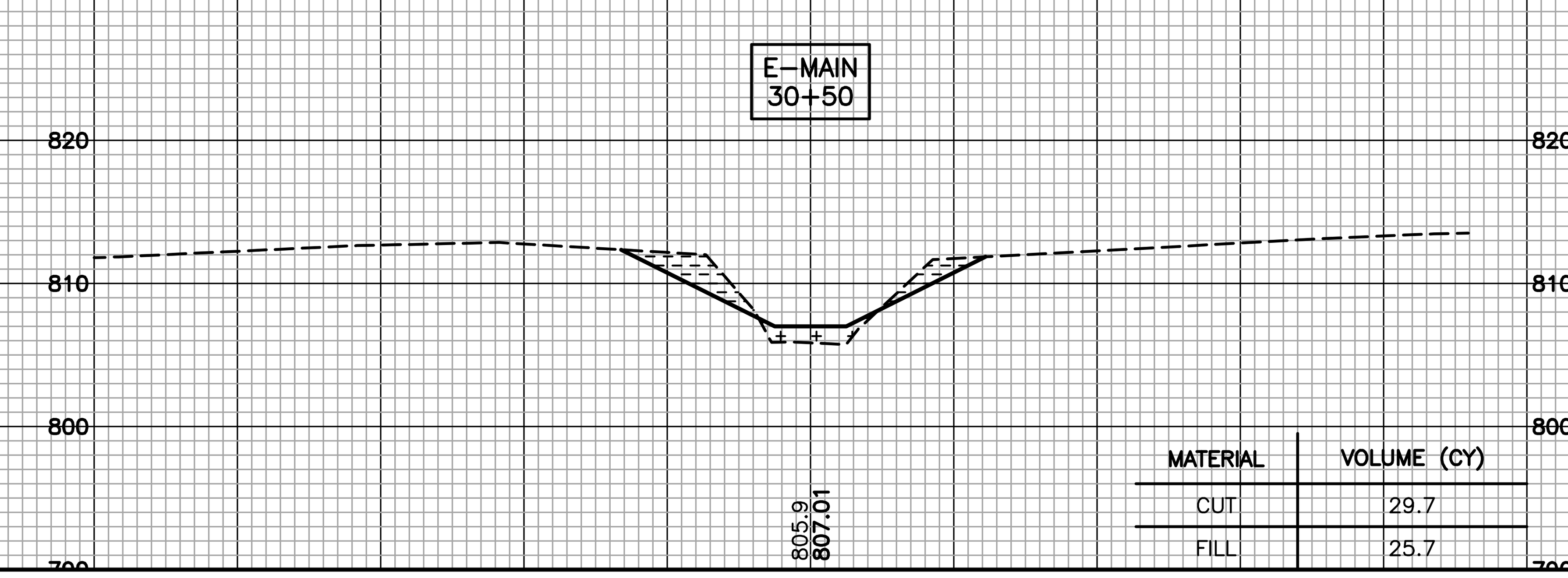


MATERIAL	VOLUME (CY)
CUT	37.4
FILL	8.2



MATERIAL	VOLUME (CY)
CUT	35.0
FILL	13.4



MATERIAL	VOLUME (CY)
CUT	29.7
FILL	25.7

UPDATED FEB 2015
60% DESIGN

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CLIENT	11/24	1/14	2/16	—	—	—	—
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CONSTRUCTION	—	—	—	—	—	—	—
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CROSS
SECTIONS 7

BARR PROJECT No. 23/70–1027.02
CLIENT PROJECT No.
DWG. No. C–19
REV. No. C

CADD USER: Greg Nelson FILE: M:\ADEPTWORK\GGN2\23701027000_CROSS SECTIONS.DWG PLOT SCALE: 1:1 PLOT DATE: 2/16/2015 3:35 PM
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