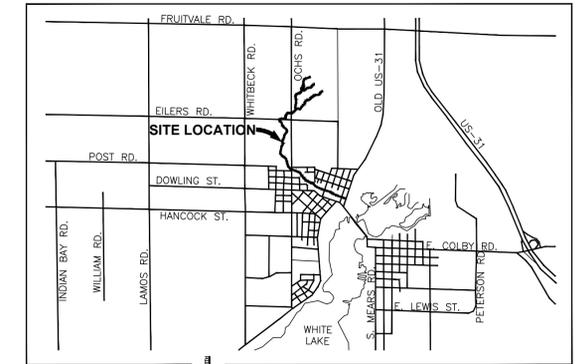
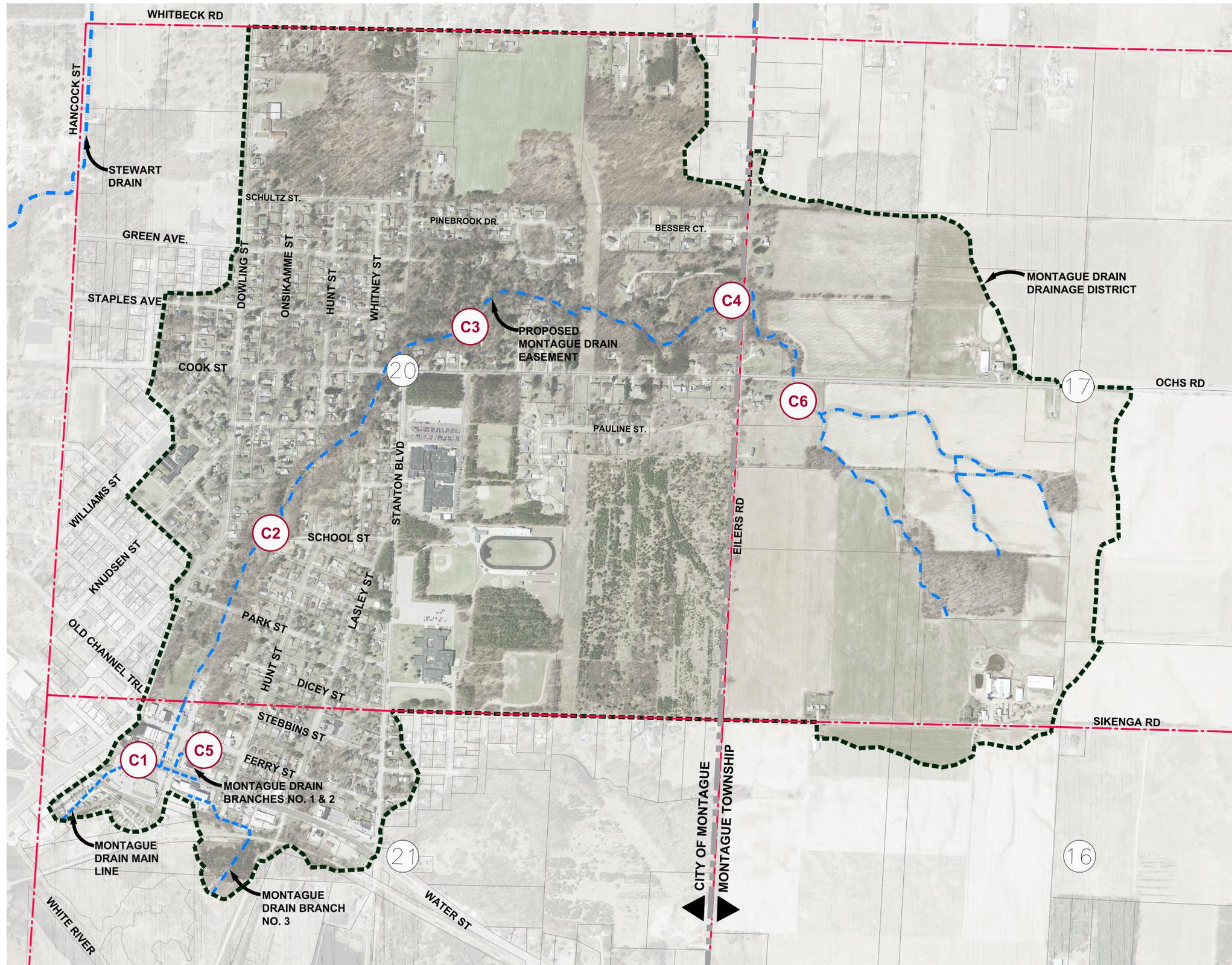




# MONTAGUE DRAIN

CITY OF MONTAGUE & MONTAGUE TOWNSHIP, MUSKEGON COUNTY, MI



## INDEX OF SHEETS

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- C1 - PLAN AND PROFILE**  
(STA: 0+00 - 22+50)
- C2 - PLAN AND PROFILE**  
(STA: 22+50 - 46+50)
- C3 - PLAN AND PROFILE**  
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- C4 - PLAN AND PROFILE**  
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- C5 - PLAN AND PROFILE**  
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- C6 - DETENTION BASIN**
- C7 - CROSS SECTIONS**

## UTILITY CONTACTS

**GAS - DTE ENERGY**  
VINCENT DUCA  
(231) 777-4034 (O)  
(231) 578-0488 (C)  
DUCAV@DTEENERGY.COM

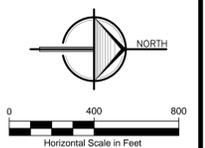
**WATER & SANITARY - CITY OF MONTAGUE DPW**  
SCOTT BEISHUZEN  
(231) 893-2235 (O)  
(231) 740-0306 (C)  
DPW@CITYOFMONTAGUE.ORG

**ELECTRIC - CONSUMERS ENERGY**  
MICHELE ANDREE  
(231) 332-2621 (O)  
(231) 332-2602 (F)  
MICHELE.ANDREE@CMSENERGY.COM

**TELEPHONE - FRONTIER COMMUNICATIONS**  
CINDY WHITEMAN  
(231) 727-1134 (O)  
(231) 727-1116 (F)  
CINDY.WHITEMAN@FTR.COM

## LEGEND

- OPEN CHANNEL DRAIN
- ENCLOSED DRAIN
- DRAINAGE DISTRICT BOUNDARY
- SECTION LINE
- PROPERTY LINES
- SECTION NUMBERS
- SHEET NUMBERS



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3800 W. River Dr. Ste. A  
Comstock Park MI 49321  
ph. 616.301.7888  
fax. 616.784.0757  
www.LRE.com



REVISIONS:	NO.	ISSUED FOR:	DATE
	1.	PRELIMINARY REVIEW	11/2017
	2.	OWNER REVIEW - 50% DESIGN	02/2018
	3.	OWNER REVIEW - 75% DESIGN	08/2018

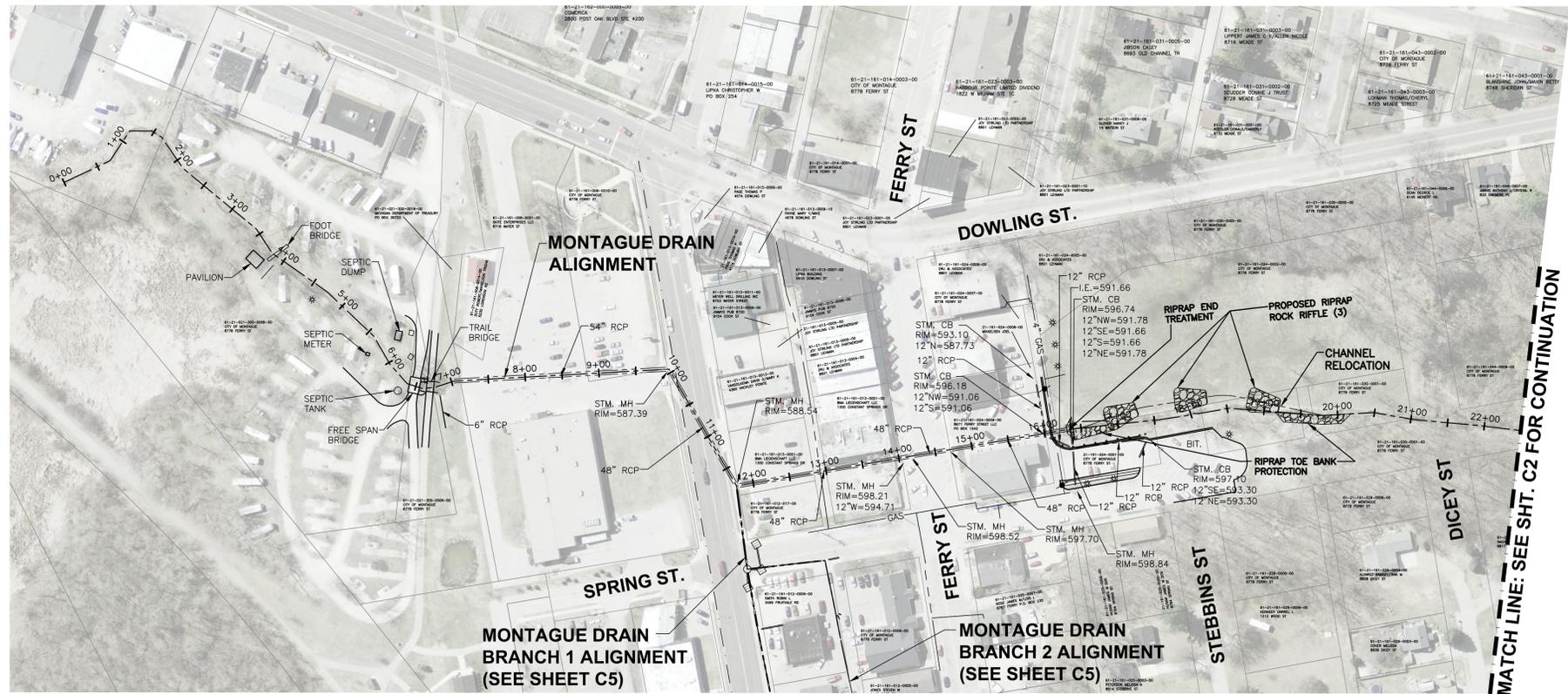
MUSKEGON COUNTY DRAIN COMMISSION  
MUSKEGON, MICHIGAN

MONTAGUE DRAIN  
CITY OF MONTAGUE & MONTAGUE TOWNSHIP, MUSKEGON COUNTY, MICHIGAN

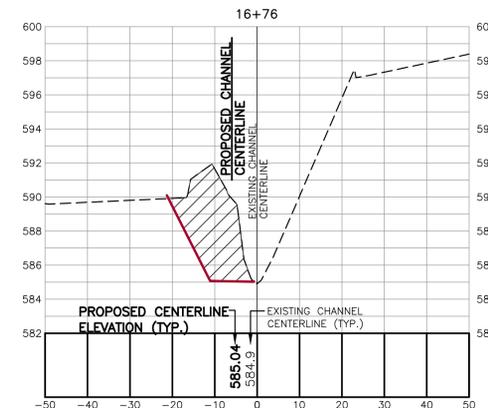
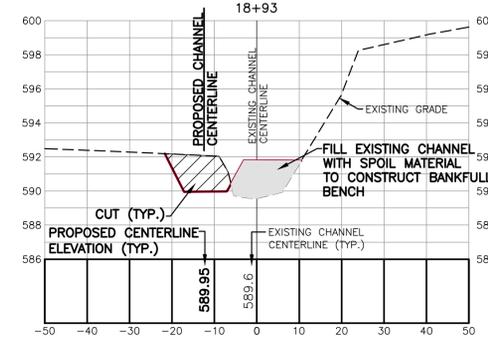
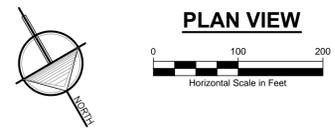
PROJECT NUMBER:	DATE
174012.01	11/2017
SURVEYED BY: RLB, CVF	11/2017
DESIGNED BY: CRM	11/2017
DRAFTED BY: RAG, LGG, NDJ	2/2018
LDACC, DVF	

COVER SHEET

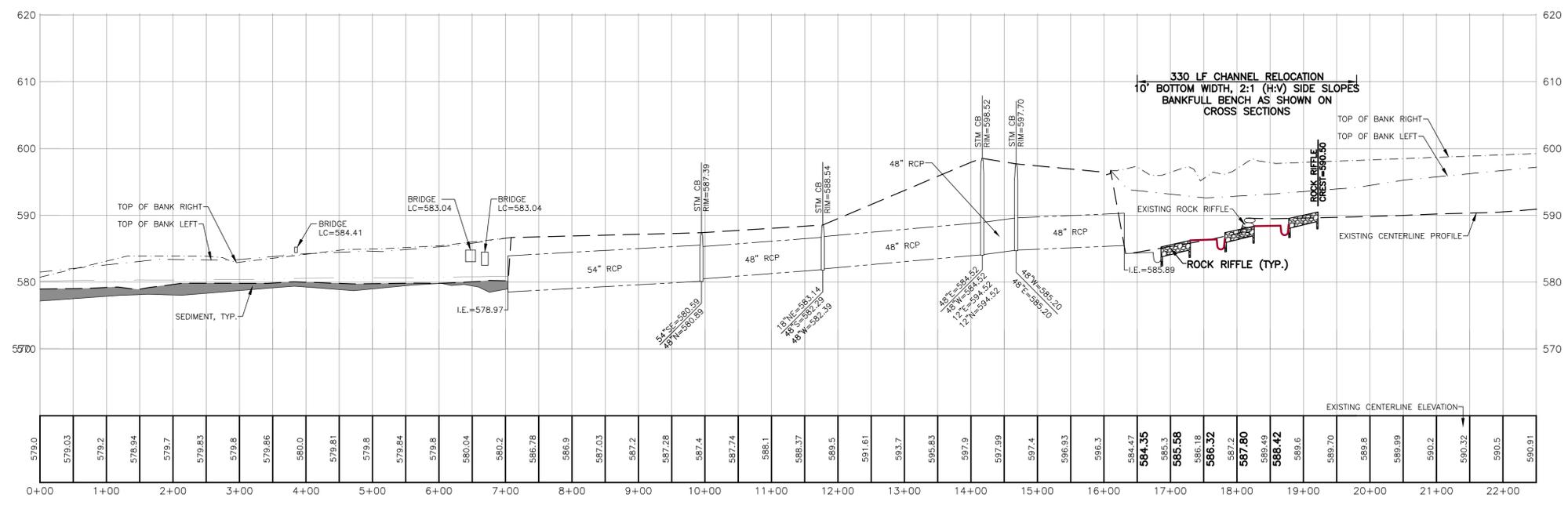
SHEET NUMBER  
**CS**



MATCH LINE: SEE SHT. C2 FOR CONTINUATION



**CROSS SECTIONS**  
SCALE: HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 5'



**CENTERLINE PROFILE**  
SCALE: HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 10'

PRELIMINARY



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fax. 616.784.0737  
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ENGINEERS & SURVEYORS

NO.	DATE
1.	11/2017
2.	02/2018
3.	08/2018

ISSUED FOR	REVISION
PRELIMINARY REVIEW	11/2017
OWNER REVIEW - 50% DESIGN	02/2018
OWNER REVIEW - 75% DESIGN	08/2018

MUSKEGON COUNTY DRAIN COMMISSION  
MUSKEGON, MICHIGAN

MONTAGUE DRAIN  
CITY OF MONTAGUE & MONTAGUE TOWNSHIP, MUSKEGON COUNTY, MICHIGAN

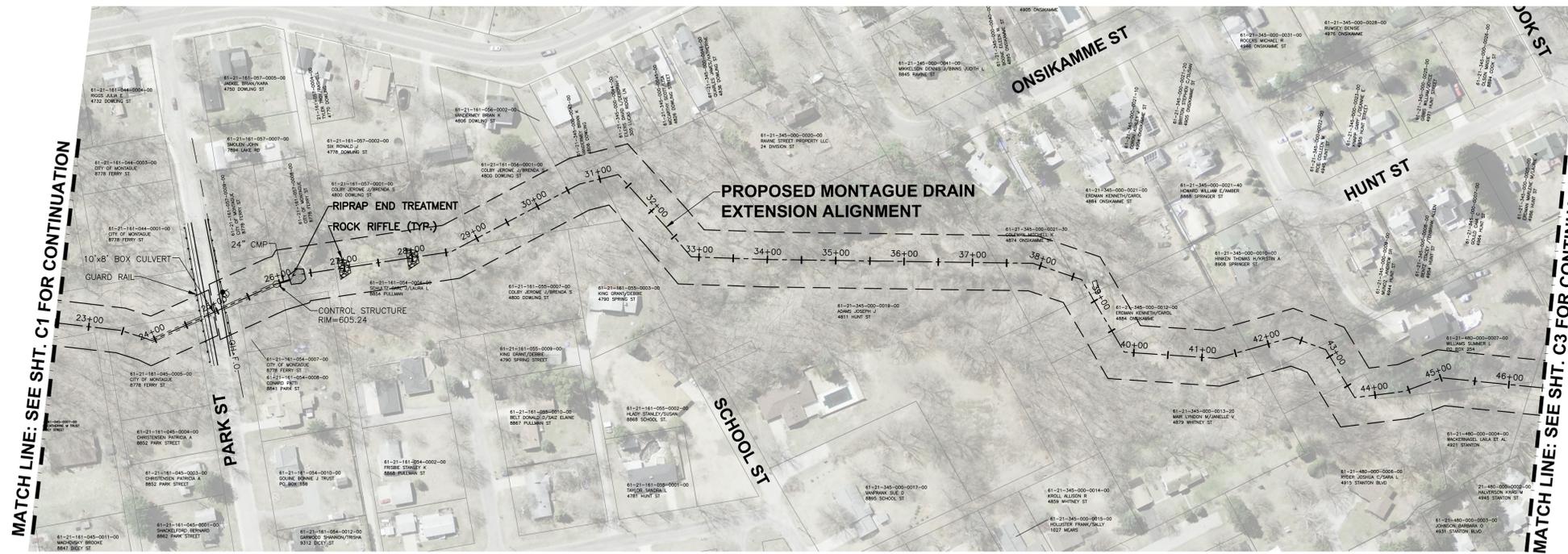
PROJECT NUMBER	DATE
17-07-001	11/2017

SURVEYED BY	DESIGNED BY	DRAFTED BY
RLE, CVF	CRM	RAG, LGS, NDI

PROJECT NUMBER	DATE
17-07-001	11/2017
17-07-001	11/2017
17-07-001	11/2017

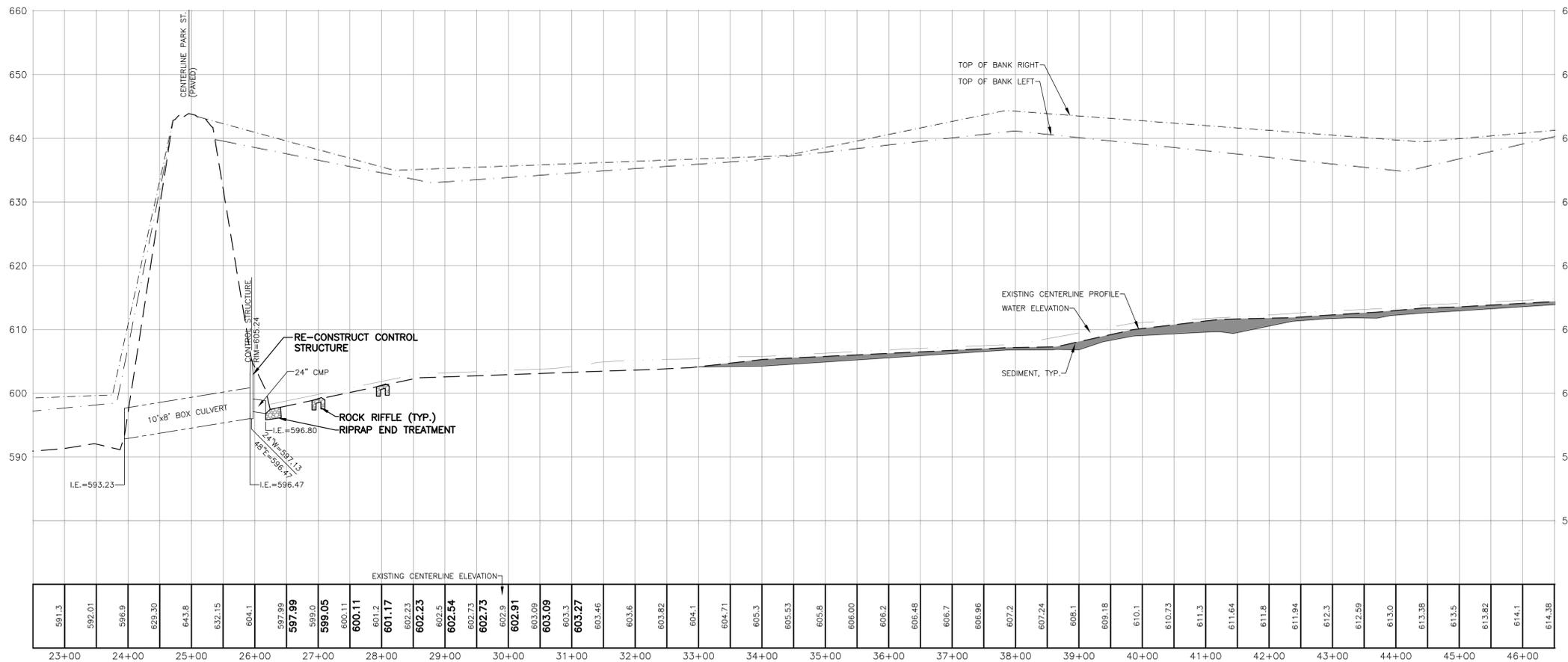
PLAN & PROFILE  
STA: 0+00 - 22+50

C1



MATCH LINE: SEE SHT. C1 FOR CONTINUATION

MATCH LINE: SEE SHT. C3 FOR CONTINUATION



**CENTERLINE PROFILE**  
SCALE: HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 10'



3 WORKING DAYS  
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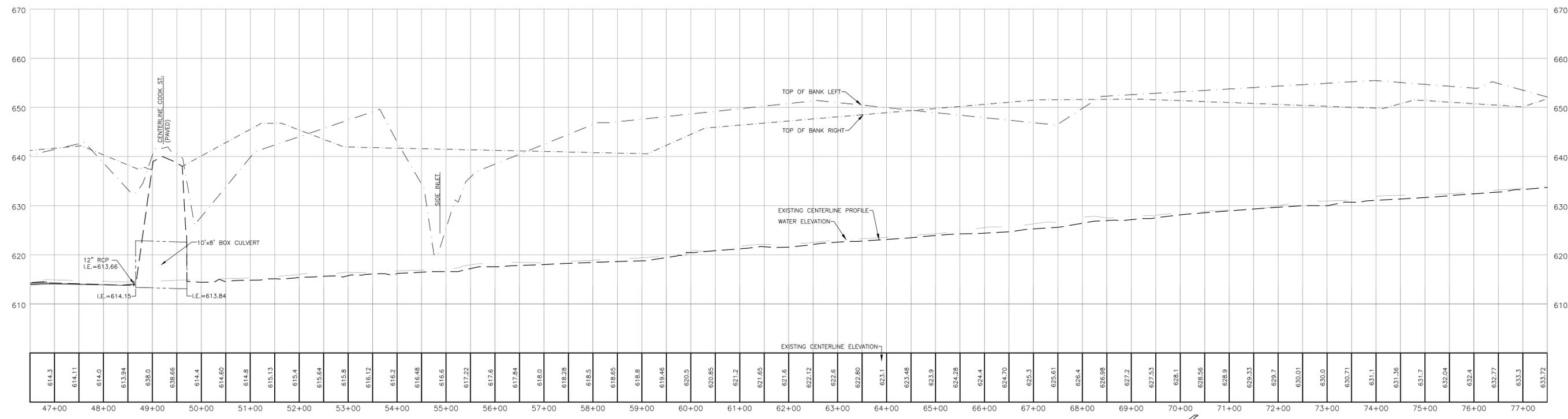
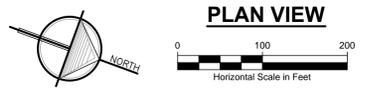
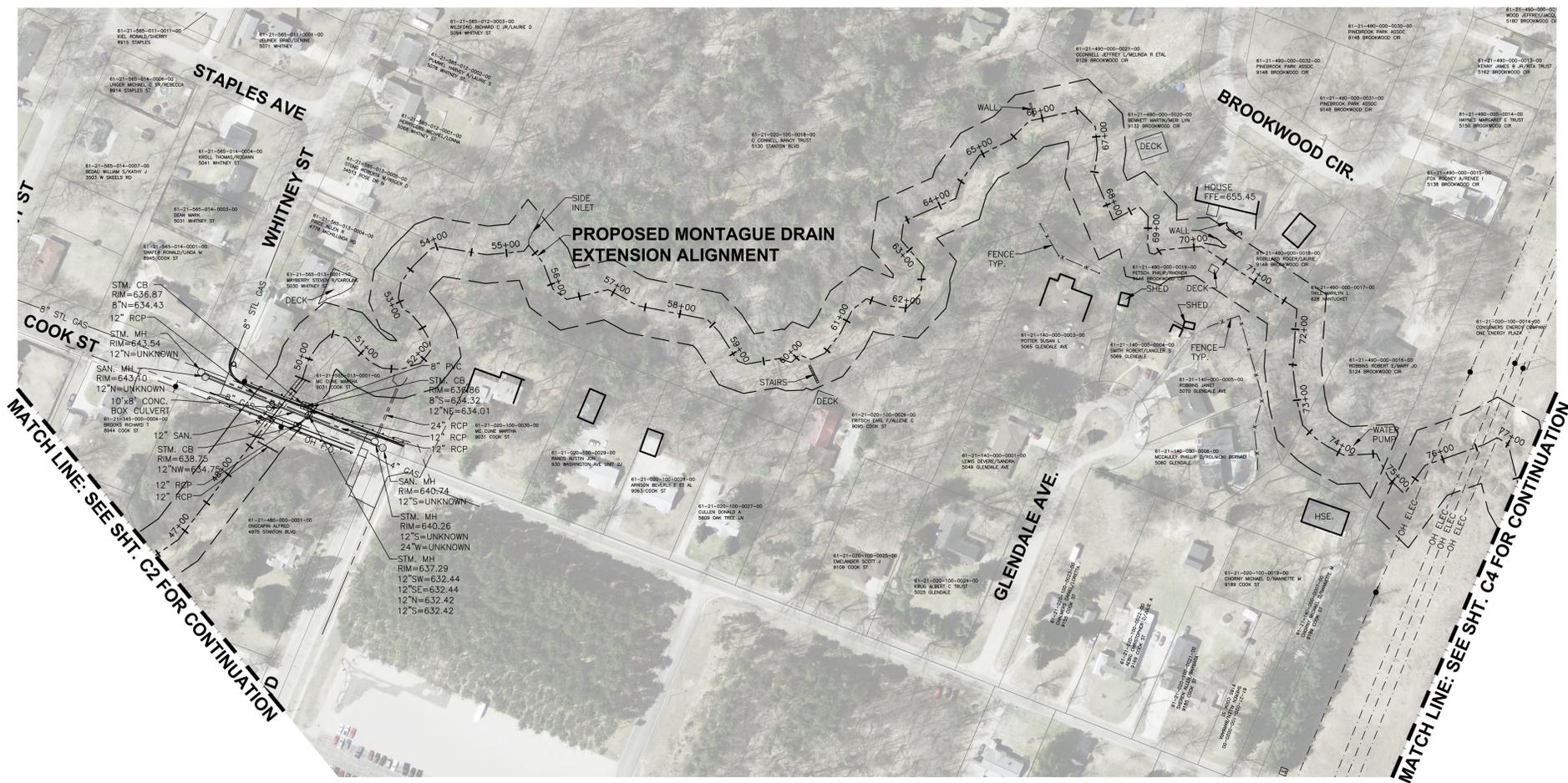
REVISIONS:	NO.	ISSUED FOR:	DATE
	1.	PRELIMINARY REVIEW	11/2017
	2.	OWNER REVIEW - 50% DESIGN	02/2018
	3.	OWNER REVIEW - 75% DESIGN	08/2018

CLIENT: MUSKEGON COUNTY DRAIN COMMISSION  
MUSKEGON, MICHIGAN  
PROJECT: MONTAGUE DRAIN  
CITY OF MONTAGUE & MONTAGUE TOWNSHIP, MUSKEGON COUNTY, MICHIGAN

PROJECT NUMBER:	DATE
17-07-01	11/2017
	11/2017
	2/2018

DESIGNED BY: RLB, CVF  
DRAFTED BY: RAG, LGS, NDI  
CAGC/DVF

SHEET NAME: PLAN & PROFILE  
STA: 22+50 - 46+50  
SHEET NUMBER: C2



**CENTERLINE PROFILE**  
 SCALE: HORIZONTAL: 1" = 100'  
 VERTICAL: 1" = 10'

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2.	OWNER REVIEW - 50% DESIGN	02/2018
3.	OWNER REVIEW - 75% DESIGN	08/2018

PROJECT NUMBER	DATE
17402.01	11/2017
17402.01	11/2017
17402.01	2/2018

MUSKEGON COUNTY DRAIN COMMISSION  
 MUSKEGON, MICHIGAN

CITY OF MONTAGUE & MONTAGUE TOWNSHIP, MUSKEGON COUNTY, MICHIGAN

PROJECT: MONTAGUE DRAIN

CLIENT: MUSKEGON COUNTY DRAIN COMMISSION  
 MUSKEGON, MICHIGAN

PROJECT NUMBER: 17402.01

DATE: 11/2017

SURVEYED BY: RLB, CVF

DESIGNED BY: CRM

DRAFTED BY: RAG, LGG, NDJ

DATE: 11/2017

DATE: 2/2018

DRAWN BY: LQCC, DVF

PROJECT: MONTAGUE DRAIN

CLIENT: MUSKEGON COUNTY DRAIN COMMISSION  
 MUSKEGON, MICHIGAN

PROJECT NUMBER: 17402.01

DATE: 11/2017

SURVEYED BY: RLB, CVF

DESIGNED BY: CRM

DRAFTED BY: RAG, LGG, NDJ

DATE: 11/2017

DATE: 2/2018

DRAWN BY: LQCC, DVF

PROJECT: MONTAGUE DRAIN

CLIENT: MUSKEGON COUNTY DRAIN COMMISSION  
 MUSKEGON, MICHIGAN

PROJECT NUMBER: 17402.01

DATE: 11/2017

SURVEYED BY: RLB, CVF

DESIGNED BY: CRM

DRAFTED BY: RAG, LGG, NDJ

DATE: 11/2017

DATE: 2/2018

DRAWN BY: LQCC, DVF

PROJECT: MONTAGUE DRAIN

CLIENT: MUSKEGON COUNTY DRAIN COMMISSION  
 MUSKEGON, MICHIGAN

PROJECT NUMBER: 17402.01

DATE: 11/2017

SURVEYED BY: RLB, CVF

DESIGNED BY: CRM

DRAFTED BY: RAG, LGG, NDJ

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DATE: 2/2018

DRAWN BY: LQCC, DVF

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 MUSKEGON, MICHIGAN

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DESIGNED BY: CRM

DRAFTED BY: RAG, LGG, NDJ

DATE: 11/2017

DATE: 2/2018

DRAWN BY: LQCC, DVF

PROJECT: MONTAGUE DRAIN

CLIENT: MUSKEGON COUNTY DRAIN COMMISSION  
 MUSKEGON, MICHIGAN

PLAN & PROFILE  
 STA:46+50 - 77+50

C3

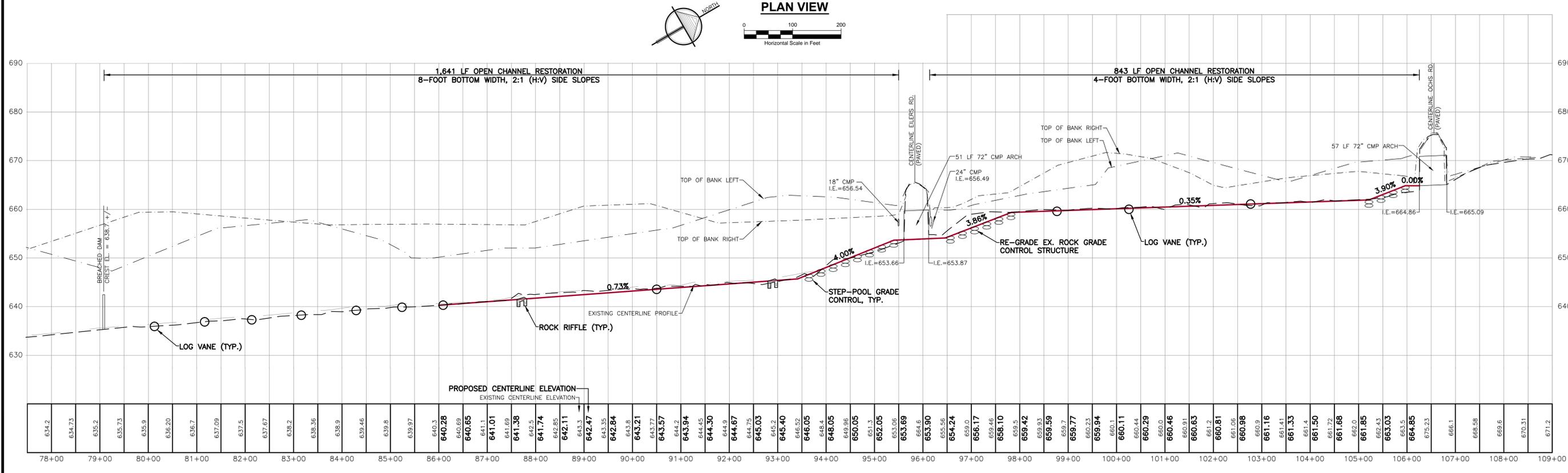
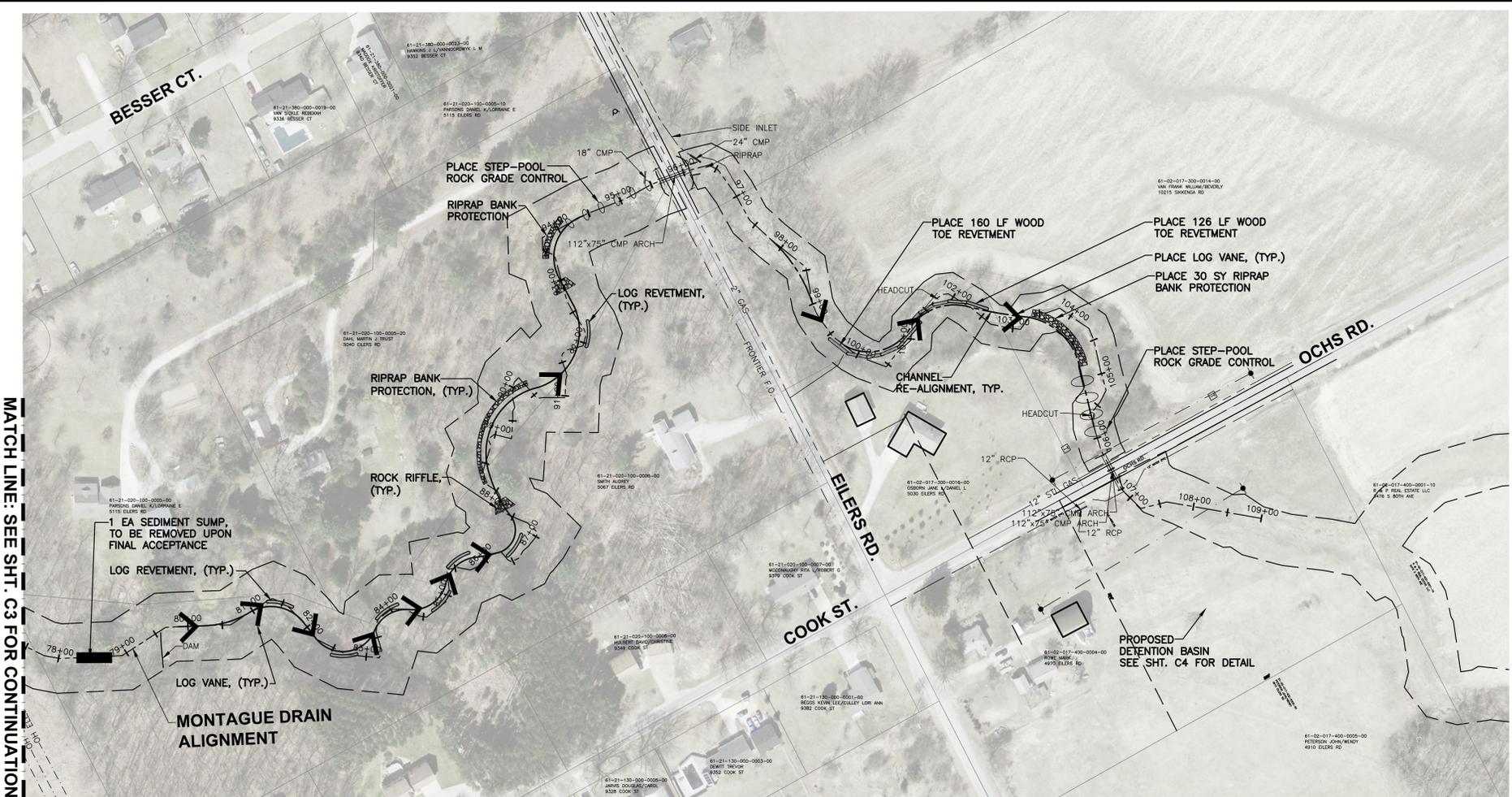
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MUSKEGON COUNTY DRAIN COMMISSION  
 MUSKEGON, MICHIGAN  
 MONTAGUE DRAIN  
 CITY OF MONTAGUE & MONTAGUE TOWNSHIP, MUSKEGON COUNTY, MICHIGAN

PROJECT NUMBER:	DATE
17-012.01	11/2017
SURVEYED BY: RLB, CVF	11/2017
DESIGNED BY: CRM	11/2017
DRAFTED BY: RAG, LGG, RDJ	2/2018
LDCC, DVF	

PLAN & PROFILE  
 STA: 77+50 - 109+00

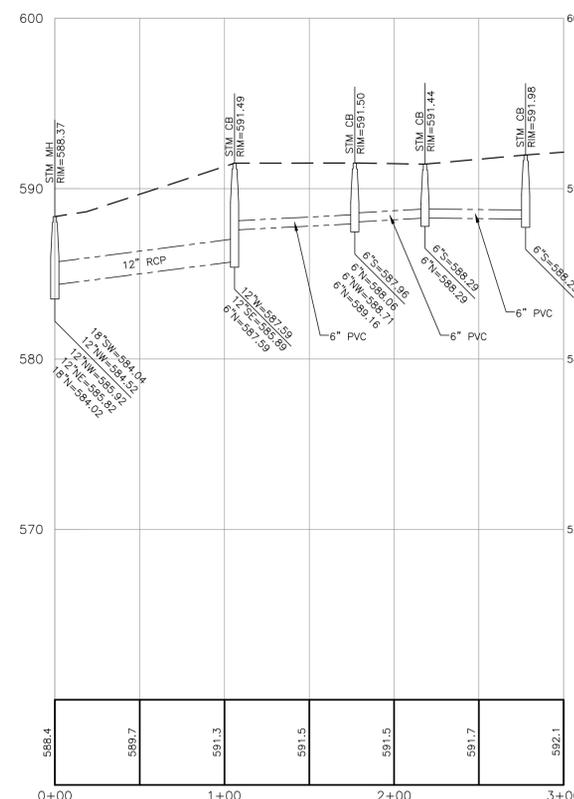
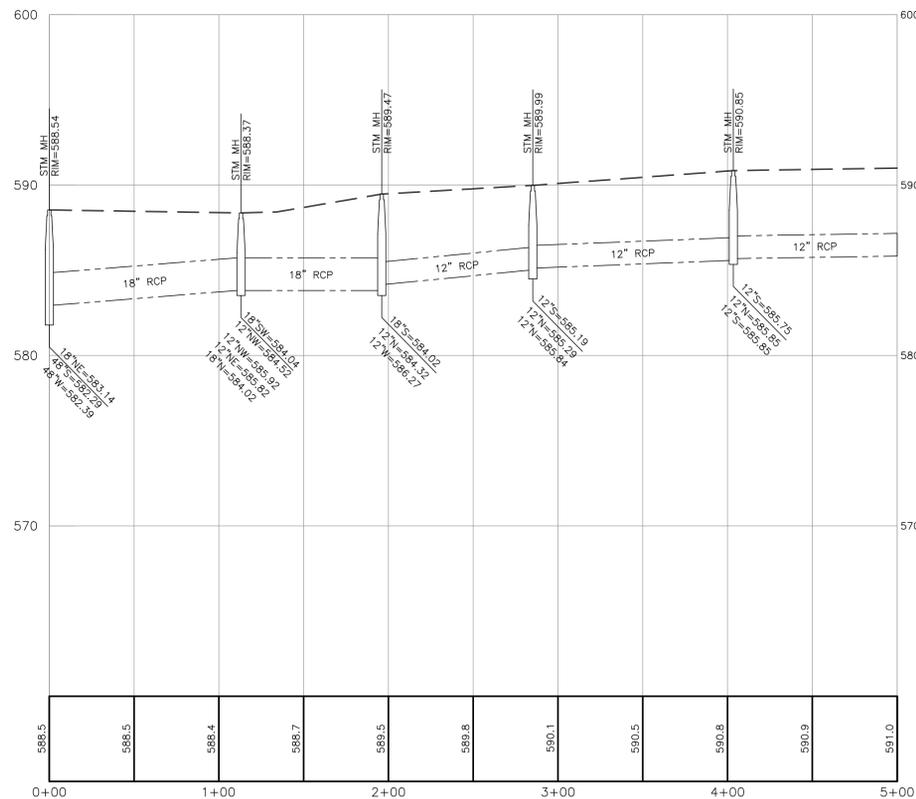
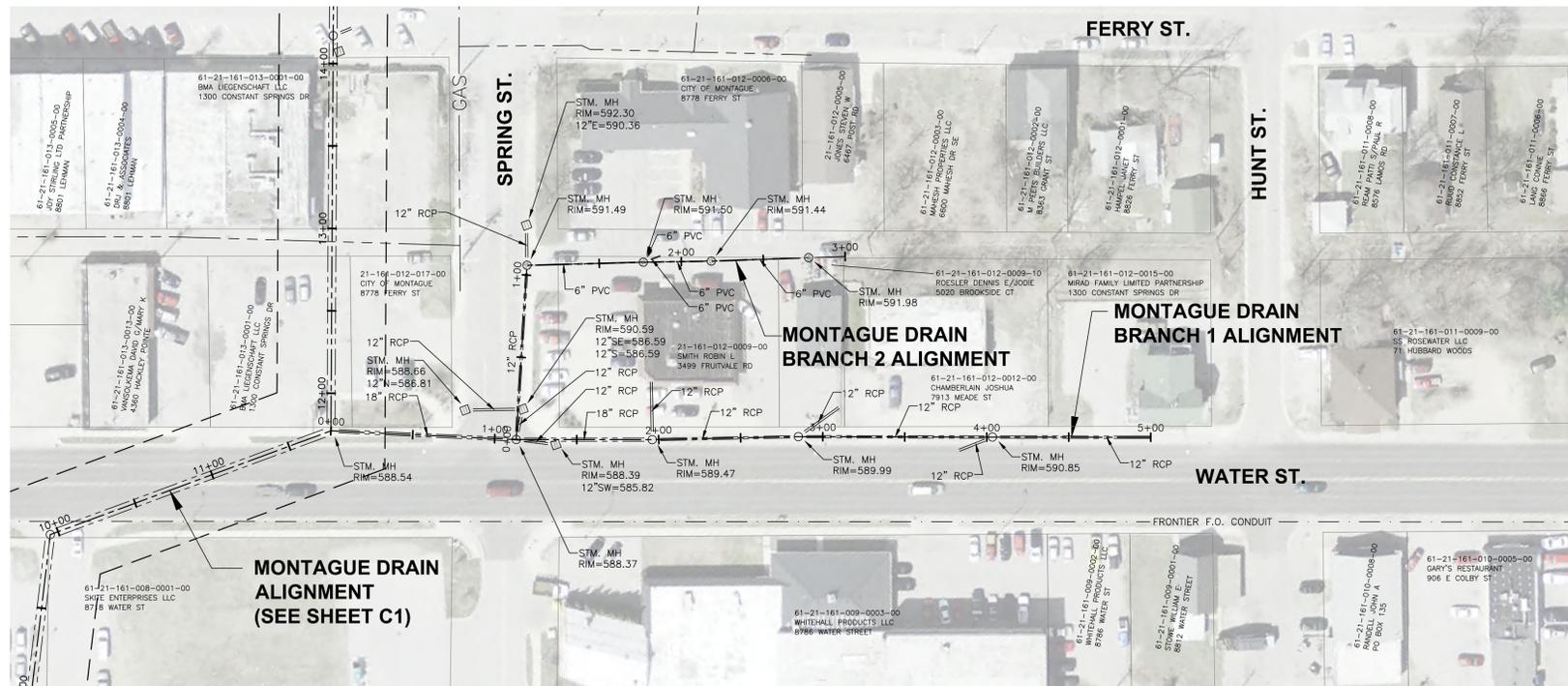
SHEET NUMBER  
**C4**



**CENTERLINE PROFILE**  
 SCALE: HORIZONTAL: 1" = 100'  
 VERTICAL: 1" = 10'

3 WORKING DAYS  
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**CENTERLINE PROFILE**  
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**MUSKEGON COUNTY DRAIN COMMISSION**  
MUSKEGON, MICHIGAN

**MONTAGUE DRAIN**  
CITY OF MONTAGUE & MONTAGUE TOWNSHIP, MUSKEGON COUNTY, MICHIGAN

DATE	PROJECT
11/2017	MONTAGUE DRAIN
11/2017	MONTAGUE DRAIN
2/2018	MONTAGUE DRAIN

**PLAN & PROFILE**  
BRANCH 1 0+00 - 5+00  
BRANCH 2 0+00 - 3+00

SHEET NUMBER  
**C5**

