

SITE CONSTRUCTION PLANS

FOR

CHURCH LAKE POND IMPROVEMENTS

VICTORIA, MINNESOTA



180 WOODBURY CHECK CENTER
 180 WOODBURY CHECK CENTER
 180 WOODBURY CHECK CENTER
 180 WOODBURY CHECK CENTER
 180 WOODBURY CHECK CENTER

CLIENT

CITY OF
 VICTORIA

CHURCH LAKE POND
 IMPROVEMENTS
 VICTORIA, MN

PROJECT TITLE	
ISSUE NO.	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	12

CERTIFICATION
 I HEREBY CERTIFY THAT THIS PLAN
 WAS PREPARED BY ME OR UNDER MY
 SUPERVISION AND THAT I AM A
 LICENSED PROFESSIONAL CIVIL
 ENGINEER IN THE STATE OF MINNESOTA.

DATE: 09/20/20
 CITY REVIEW: JRM
 PROJECT NO.: 545320-500
 LICENSE NO.: 0086
 DATE ISSUED: 11/04/2020
 OWNER: JRM
 APPROVED: JRM
 ISSUE DATE: 11/04/2020
 SHEET NO.: 2

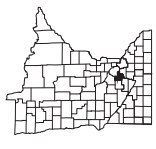
CITY: VICTORIA
 LICENSE NO.: 0086
 DATE ISSUED: 11/04/2020
 OWNER: JRM
 APPROVED: JRM
 ISSUE DATE: 11/04/2020
 SHEET NO.: 2

COVER SHEET
 SHEET NO. G-001

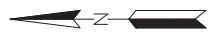
Sheet Index	
Sheet Number	Sheet Title
G-001	COVER SHEET
G-002	GENERAL NOTES
C-001	EXISTING CONDITIONS & REMOVALS
C-101	SITE & CONSTRUCTION ACCESS PLAN
C-201	EROSION CONTROL PLAN
C-301	GRADING PLAN
C-401	DETAILS



VICINITY MAP
 NOT TO SCALE



PROJECT LOCATION
 CITY: VICTORIA
 COUNTY: CARVER



ENGINEER
 WENCK ASSOCIATES, INC.
 7500 OLSON MEMORIAL HIGHWAY, SUITE 300
 GOLDEN VALLEY, MN 55427
 (P) - 763-252-6844
 CONTACT: CHRIS MEEHAN, PE

CLIENT:

CITY OF VICTORIA

CHURCH LAKE POND IMPROVEMENTS
VICTORIA, MN

PROJECT TITLE	ISSUE NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		
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	10		
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	17		
	18		
	19		
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	21		
	22		

CERTIFICATION
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATIONS AND CONTRACT DOCUMENTS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.

CITY OF VICTORIA
LICENSE NO. 0000
DATE: JUNE 20, 2010
PROJECT NO.: 545320-500
OWNER: CITY OF VICTORIA
CITY ENGINEER: JIM MANN
ISSUE DATE: 11/04/2010
ISSUE NO.: 2

GENERAL NOTES
SHEET NO. G-002

GOVERNING SPECIFICATIONS

- ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE MINNESOTA DEPARTMENT OF TRANSPORTATION APPLICABLE CITY AND COUNTY REGULATIONS, UNLESS OTHERWISE NOTED. ALL WORK SHALL CONFORM AS APPLICABLE TO STATE AND LOCAL REGULATIONS AND ORDINANCES. THE LATEST EDITION SHALL BE APPLICABLE UNLESS OTHERWISE NOTED.
- ADDITIONAL CONTRACTS AS DIRECTED BY THE PERMITTING AGENCY OR LOCAL AGENCIES SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES.

TRAFFIC CONTROL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, ORDINANCES, OR AS PERMITTED BY THE ENGINEER AND CITY FOR REVIEW AND APPROVAL PRIOR TO ANY WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL INCLUDING THE LATEST REVISIONS. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, ORDINANCES, OR AS PERMITTED BY THE ENGINEER AND CITY FOR REVIEW AND APPROVAL PRIOR TO ANY CONSTRUCTION RELATED ACTIVITIES. PLANS SHALL COMPLY WITH ALL APPLICABLE PERMIT REQUIREMENTS.
- PAVEMENT, STRIPING, AND SHOULDERS SHALL BE REPLACED BY THE CONTRACTOR TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE OWNER.

TREE PRESERVATION NOTES

- PROTECT EXISTING TREES THAT ARE NOT TO BE REMOVED. INSTALL ORANGE MESH FENCING 6 FEET WITH 1/2" GALVANIZED STEEL POSTS AND 2" X 4" RAILS TO PROTECT EXISTING TREES FROM CONSTRUCTION ACTIVITIES. THE TREE AND COMPACT THE SOIL INCLUDING, BUT NOT LIMITED TO EXCAVATION, STORING MATERIALS, OR OPERATING EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, ORDINANCES, OR AS PERMITTED BY THE ENGINEER AND CITY FOR REVIEW AND APPROVAL PRIOR TO ANY CONSTRUCTION RELATED ACTIVITIES. PLANS SHALL COMPLY WITH ALL APPLICABLE PERMIT REQUIREMENTS.
- WHEN TREE ROOTS ARE ENCOUNTERED THAT MUST BE REMOVED, CUT ROOTS CLEANLY AS FAR FROM THE TREE AS POSSIBLE AND IMMEDIATELY WATER AND BACKFILL OVER THE ROOTS TO PREVENT DRYING.

HORIZONTAL AND VERTICAL CONTROL

- THE HORIZONTAL CONTROL FOR THIS PLAN IS CANNON COUNTY, US FEET.
- THE VERTICAL CONTROL FOR THIS PLAN IS US FEET.

EROSION CONTROL NOTES

- APPLICABLE EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MINNESOTA DEPARTMENT OF TRANSPORTATION APPLICABLE CITY AND COUNTY REGULATIONS, UNLESS OTHERWISE NOTED. ALL WORK SHALL CONFORM AS APPLICABLE TO STATE AND LOCAL REGULATIONS AND ORDINANCES. THE LATEST EDITION SHALL BE APPLICABLE UNLESS OTHERWISE NOTED.
- ADDITIONAL CONTRACTS AS DIRECTED BY THE PERMITTING AGENCY OR LOCAL AGENCIES SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES.

DEWATERING NOTES

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REMOVAL NOTES

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UTILITY NOTES

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PROJECT SCOPE

- NO WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE MINNESOTA DEPARTMENT OF TRANSPORTATION APPLICABLE CITY AND COUNTY REGULATIONS, UNLESS OTHERWISE NOTED. ALL WORK SHALL CONFORM AS APPLICABLE TO STATE AND LOCAL REGULATIONS AND ORDINANCES. THE LATEST EDITION SHALL BE APPLICABLE UNLESS OTHERWISE NOTED.
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CLIENT:

CITY OF VICTORIA

CHURCH LAKE POND IMPROVEMENTS

VICTORIA, MN

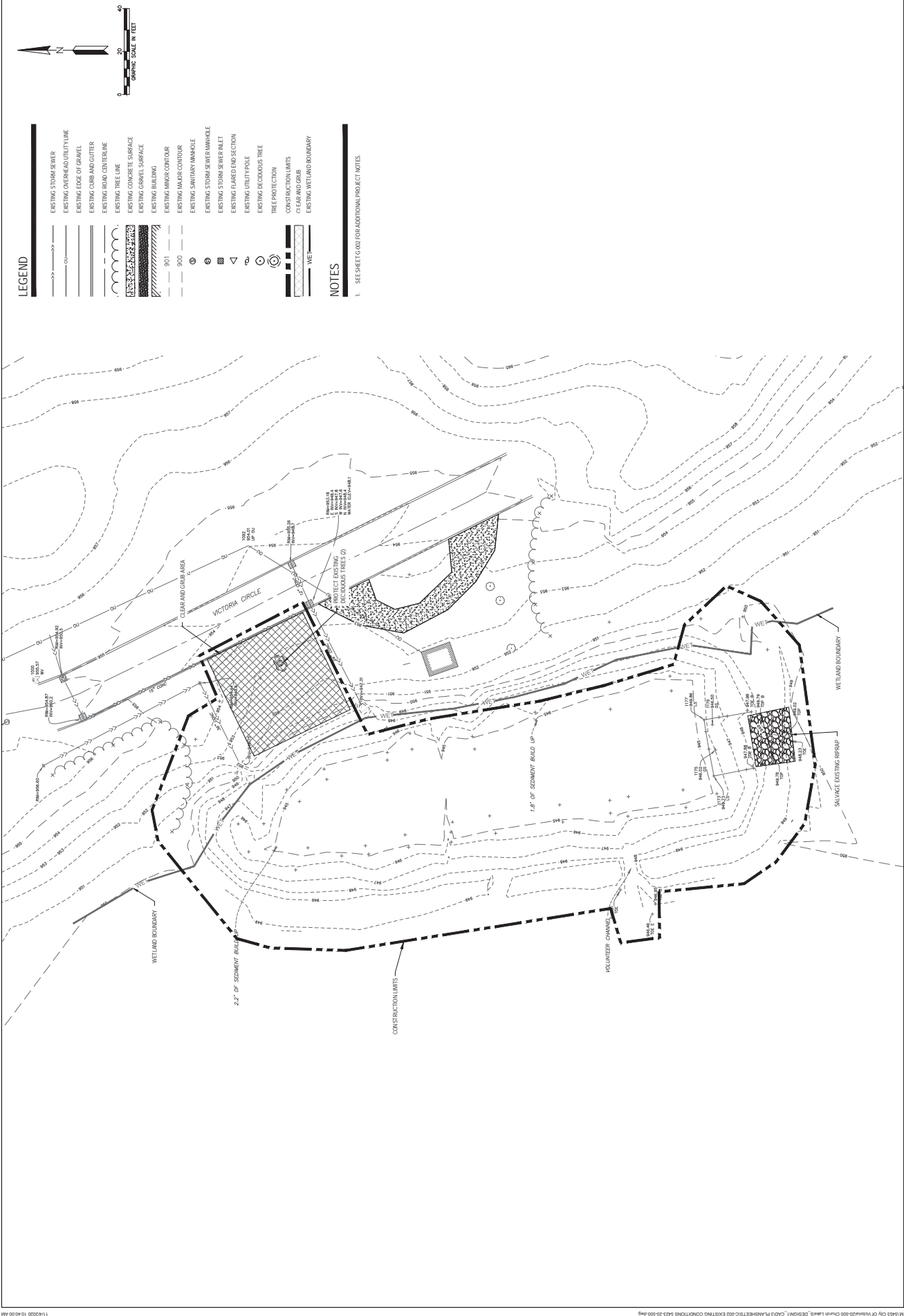
PROJECT TITLE	ISSUE NO.	DATE	DESCRIPTION
CHURCH LAKE POND IMPROVEMENTS	1	08/20/2020	CITY REVIEW
	2	11/04/2020	CITY REVIEW FOR CLOSED

CERTIFICATION:
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATIONS, AND CONDITIONS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.

DATE: 11/04/2020
LICENSE NO. 0066
PROJECT NO. 5453200-500
DRAWN BY: JPN
CHECKED BY: JPN
ISSUE DATE: 11/04/2020
ISSUE NO.: 2

SHEET TITLE:
EXISTING CONDITIONS & REMOVALS

SHEET NO.:
C-001



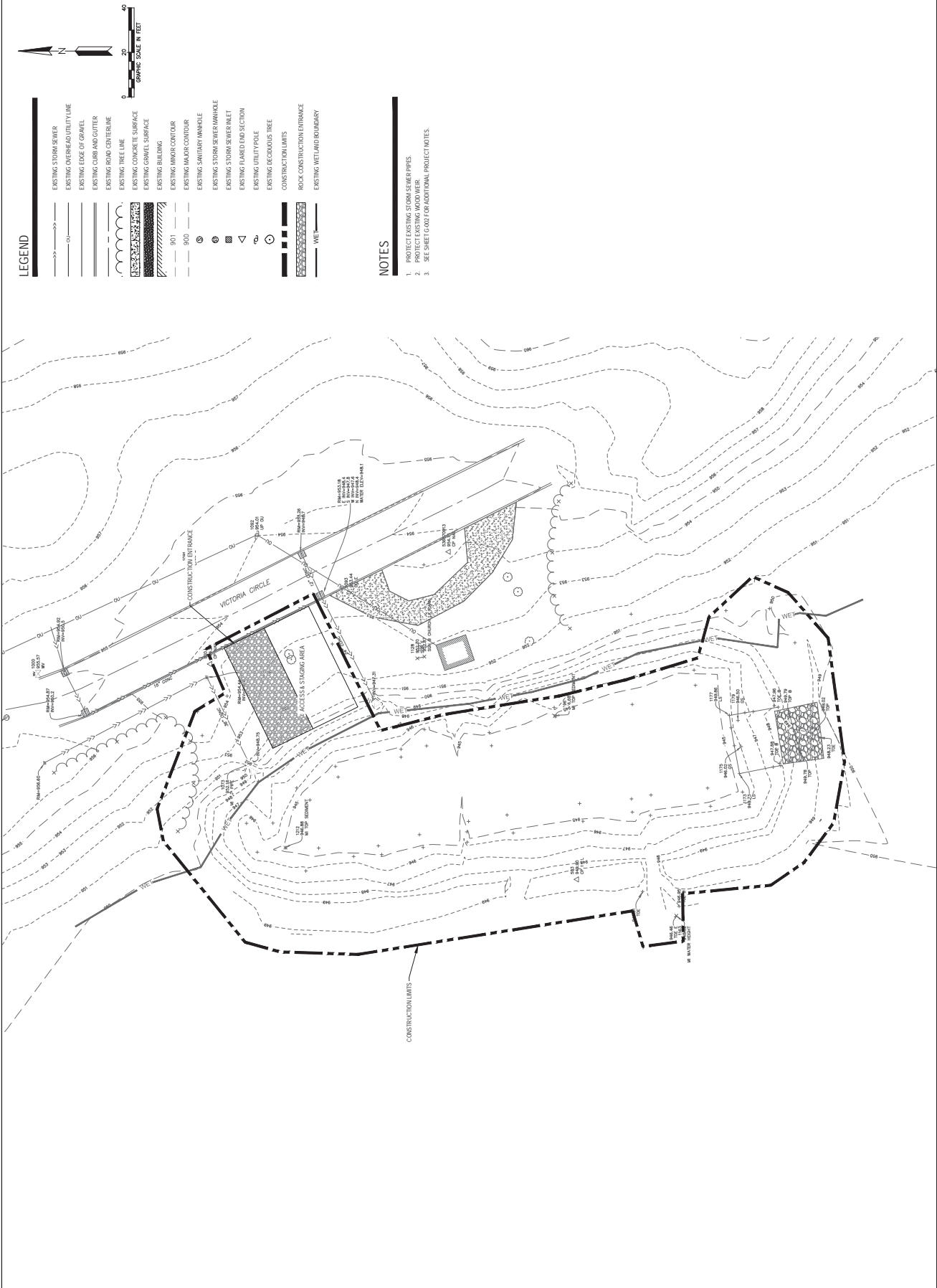
- LEGEND**
- EXISTING STORM SEWER
 - EXISTING OVERHEAD UTILITY LINE
 - EXISTING EDGE OF GRAVEL
 - EXISTING CURB AND GUTTER
 - EXISTING ROAD CENTERLINE
 - EXISTING TREE LINE
 - EXISTING CONCRETE SURFACE
 - EXISTING GEMBEL SURFACE
 - EXISTING BUILDING
 - EXISTING IMPROVEMENT
 - EXISTING SANITARY MANHOLE
 - EXISTING STORM SEWER MANHOLE
 - EXISTING STORM SEWER INLET
 - EXISTING FLARED END SECTION
 - EXISTING UTILITY POLE
 - EXISTING DECIDUOUS TREE
 - TREE PROTECTION
 - CONSTRUCTION LIMITS
 - CEG AND GEMS
 - EXISTING WETLAND BOUNDARY

NOTES

1. SEE SHEET G-003 FOR ADDITIONAL PROJECT NOTES.

PROJECT TITLE	CHURCH LAKE POND IMPROVEMENTS
ISSUE NO.	1
DATE	11/04/2020
DESCRIPTION	CITY REVIEW FOR CLOSE

CERTIFICATION
 I HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA AND I AM A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF MINNESOTA.
 DATE: 11/04/2020
 LICENSE NO.: 0084
 PROJECT NO.: 545320-500
 DRAWN BY: JRM
 CHECKED BY: JRM
 APPROVED BY: JRM
 DATE: 11/04/2020
 SHEET NO.: 2

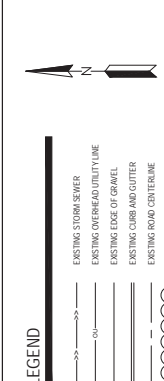


- LEGEND**
- EXISTING STORM SEWER
 - EXISTING OVERHEAD UTILITY LINE
 - EXISTING EDGE OF GRAVEL
 - EXISTING CURB AND GUTTER
 - EXISTING ROAD CENTERLINE
 - EXISTING TREE LINE
 - EXISTING CONCRETE SURFACE
 - EXISTING CERAMIC SURFACE
 - EXISTING BUILDING
 - EXISTING MAJOR CONTOUR
 - EXISTING SANITARY MANHOLE
 - EXISTING STORM SEWER MANHOLE
 - EXISTING STORM SEWER INLET
 - EXISTING FLARED END SECTION
 - EXISTING UTILITY POLE
 - EXISTING DECIDUOUS TREE
 - CONSTRUCTION LIMITS
 - ROCK CONSTRUCTION ENTRANCE
 - EXISTING WETLAND BOUNDARY

- NOTES**
1. PROTECT EXISTING STORM SEWER PIPES.
 2. PROTECT EXISTING WOOD WEIR.
 3. SEE SHEET G-007 FOR ADDITIONAL PROJECT NOTES.

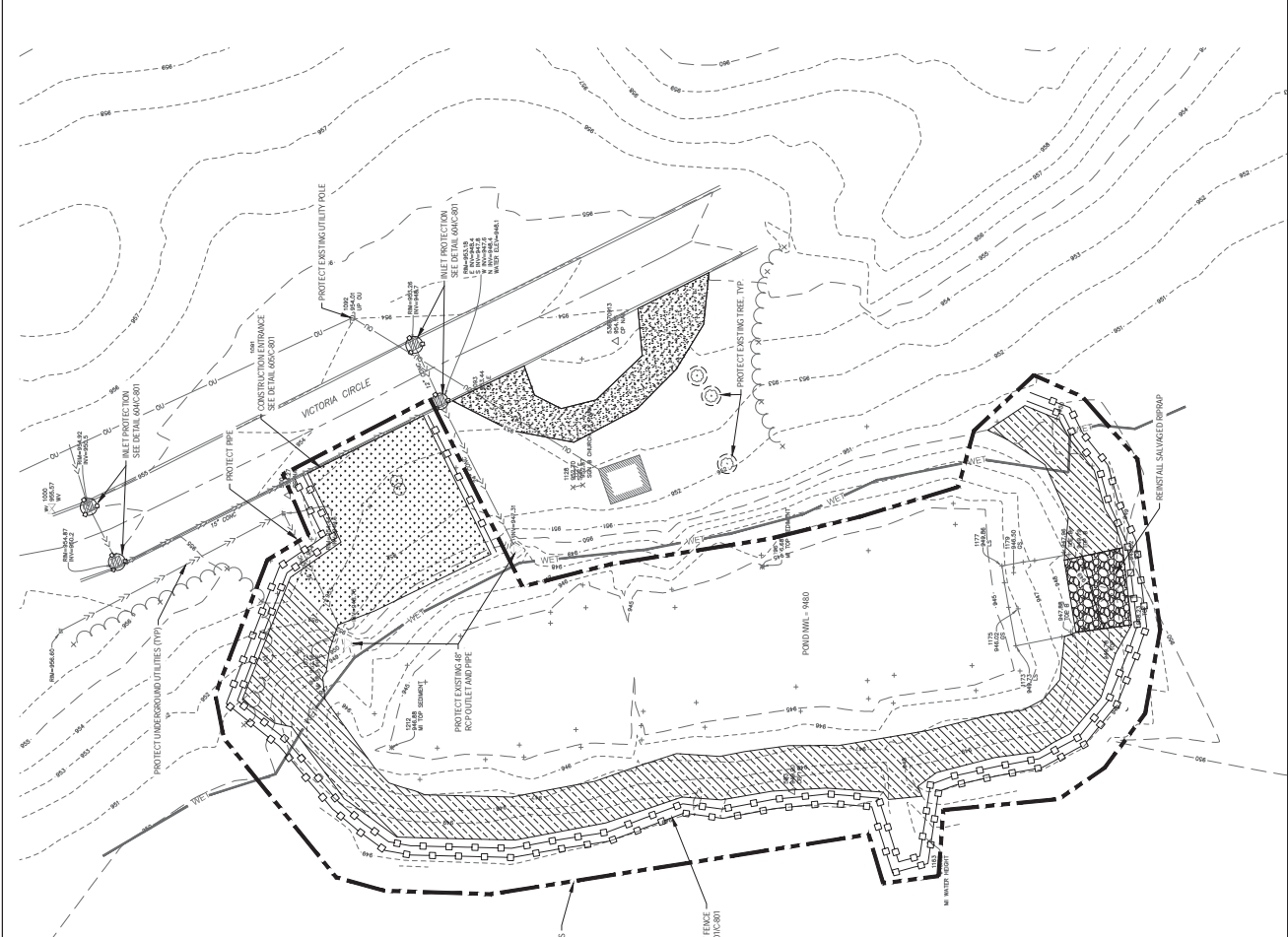
PROJECT TITLE	CHURCH LAKE POND IMPROVEMENTS
ISSUE NO.	1
DATE	09/20/20
DESCRIPTION	DESIGN

CERTIFICATION	THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.
DATE	09/20/20
CITY REVIEW	11/02/20
FOR CLOSE	
DATE	09/20/20
PROJECT NO.	545320-500
DATE	09/20/20
ISSUE NO.	1
DATE	11/04/20
ISSUE NO.	2



- LEGEND**
- EXISTING STORM SEWER
 - EXISTING OVERHEAD UTILITY LINE
 - EXISTING EDGE OF GRAVEL
 - EXISTING CURB AND OUTER
 - EXISTING ROAD CENTERLINE
 - EXISTING TREE LINE
 - EXISTING CONCRETE SURFACE
 - EXISTING GRASS SURFACE
 - EXISTING BUILDING
 - EXISTING MAJOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - CONSTRUCTION LIMITS
 - EXISTING WETLAND BOUNDARY
 - EXISTING SANITARY MANHOLE
 - EXISTING STORM SEWER MANHOLE
 - EXISTING STORM SEWER INLET
 - EXISTING FLARED END SECTION
 - EXISTING UTILITY POLE
 - EXISTING DECADENT TREE
 - NATURAL NETTING EROSION CONTROL BLANKET (WITHOUT 388-CATEGORY 3M STRAW 25 WITH/OUT SEED MIX)
 - NATURAL NETTING EROSION CONTROL BLANKET (WITHOUT 388-CATEGORY 3M STRAW 25 WITH/OUT SEED MIX) LOW MAINTENANCE TURF 25-11)
 - SILT FENCE
 - INLET PROTECTION
 - TREE PROTECTION

- NOTES**
- PROTECT EXISTING CURB
 - SEE SHEET G-001 FOR ADDITIONAL PROJECT NOTES
 - SEE SHEET C-101 FOR CONSTRUCTION ENTRANCE S' TAGGING AREAS



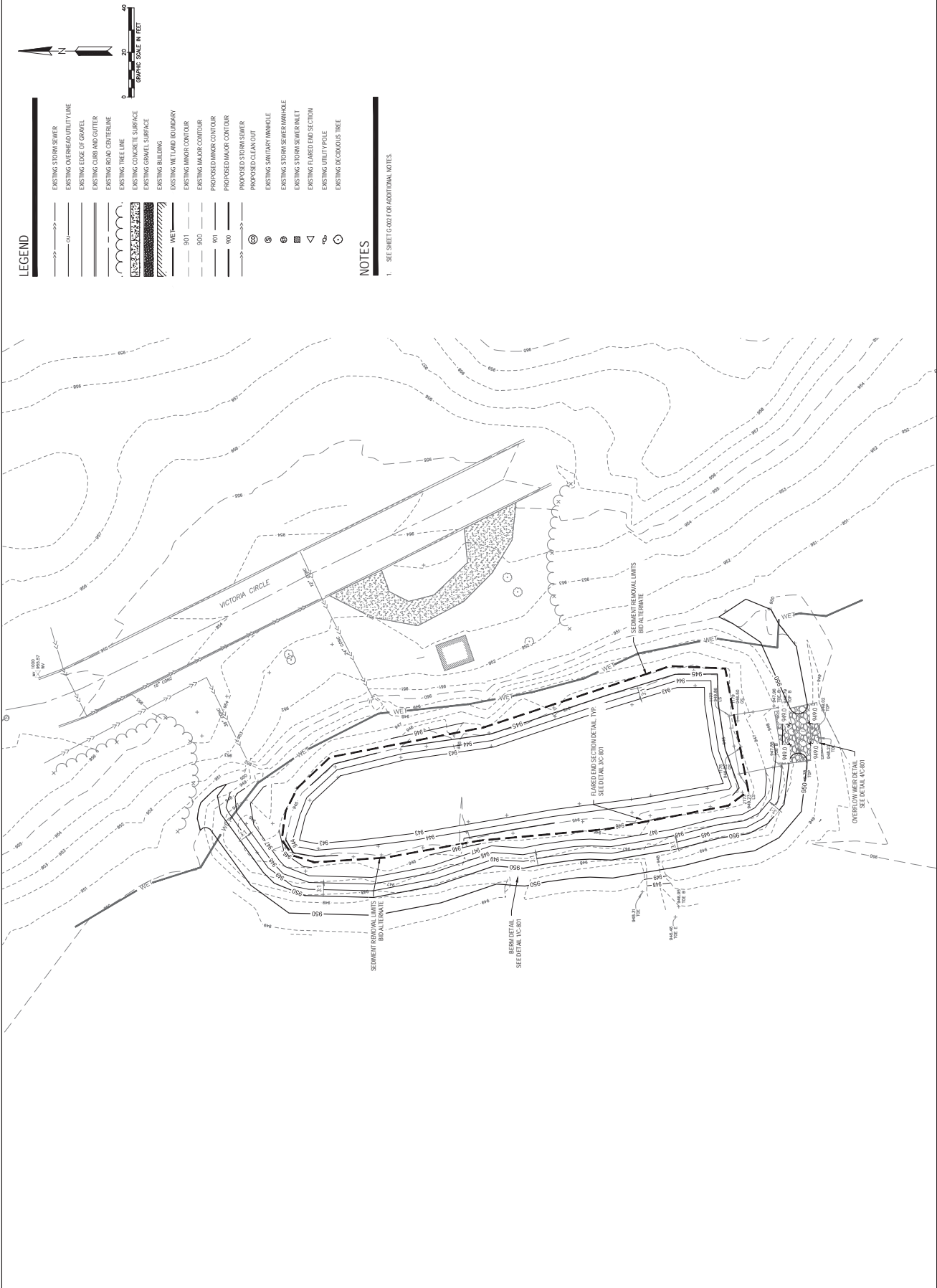
PROJECT TITLE	CHURCH LAKE POND IMPROVEMENTS
ISSUE NO.	2
DATE	11/04/2020
DESCRIPTION	CITY REVIEW FOR CLOUTIER

CERTIFICATION
 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATIONS AND ALL ATTACHED DOCUMENTS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL CIVIL ENGINEER IN THE STATE OF MINNESOTA.

DATE	11/04/2020
PROJECT NO.	545320-500
DATE	11/04/2020
ISSUE NO.	2

SHEET TITLE
GRADING & DRAINAGE PLAN

SHEET NO.
C-301



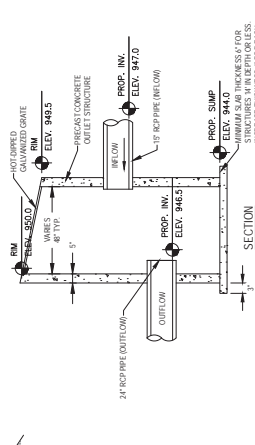
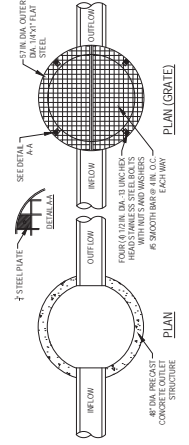
- LEGEND**
- EXISTING STORM SEWER
 - EXISTING OVERHEAD UTILITY LINE
 - EXISTING EDGE OF GRAVEL
 - EXISTING CURB AND GUTTER
 - EXISTING ROAD CENTERLINE
 - EXISTING TREE LINE
 - EXISTING CONCRETE SURFACE
 - EXISTING GRAVEL SURFACE
 - EXISTING BUILDING
 - EXISTING METLAND BOUNDARY
 - EXISTING MAJOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED STORM SEWER
 - PROPOSED CLEANOUT
 - EXISTING SANITARY MANHOLE
 - EXISTING STORM SEWER MANHOLE
 - EXISTING STORM SEWER MANHOLE
 - EXISTING FLARED END SECTION
 - EXISTING UTILITY POLE
 - EXISTING DECIDUOUS TREE

NOTES

- SEE SHEET G-000 FOR ADDITIONAL NOTES.

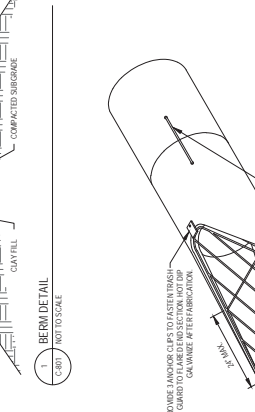
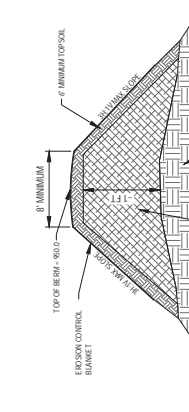
PROJECT TITLE	CHURCH LAKE POND IMPROVEMENTS
ISSUE NO.	1
DATE	02/20/20
DESCRIPTION	CONSTRUCTION
CITY REVIEW	02/20/20
FOR CLOUSE	02/20/20
DATE	02/20/20

CERTIFICATION	THESE DRAWINGS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF WISCONSIN.
DATE	02/20/20
PROJECT NO.	545320-500
DATE ISSUED	1/10/2020
ISSUE NO.	2
SHEET TITLE	DETAILS
SHEET NO.	8-801



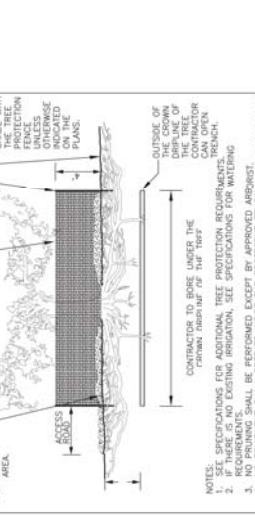
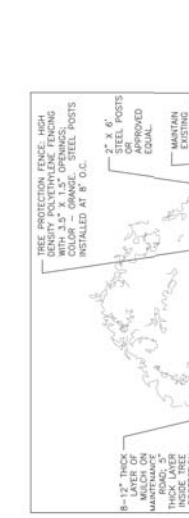
OUTLET CONTROL STRUCTURE

NOTES:
 1. STRUCTURE SHALL BE CONCRETE OR METAL.
 2. HATCHES FOR FLOOR SHALL BE AS SHOWN.
 3. FINISH FLOOR SHALL BE 1/2\"/>



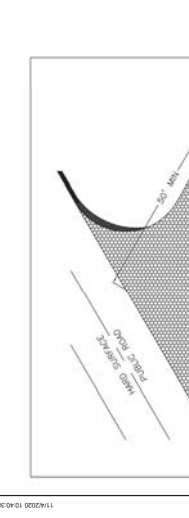
TRANSVERSE SIZES

PIPE SIZE	TRANSVERSE SIZES
12"	24"
15"	30"
18"	36"
21"	42"
24"	48"
27"	54"
30"	60"
36"	72"
42"	84"
48"	96"
54"	108"
60"	120"
66"	132"
72"	144"
78"	156"
84"	168"
90"	180"
96"	192"
102"	204"
108"	216"
114"	228"
120"	240"



TRANSVERSE SIZES

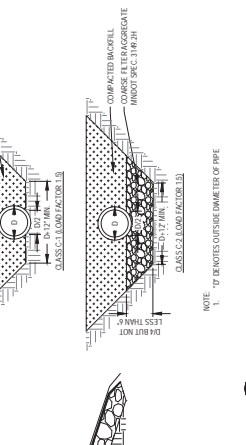
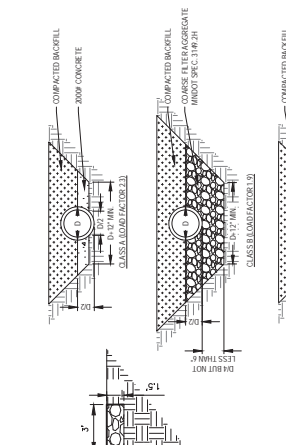
PIPE SIZE	TRANSVERSE SIZES
12"	24"
15"	30"
18"	36"
21"	42"
24"	48"
27"	54"
30"	60"
36"	72"
42"	84"
48"	96"
54"	108"
60"	120"
66"	132"
72"	144"
78"	156"
84"	168"
90"	180"
96"	192"
102"	204"
108"	216"
114"	228"
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ROCK CONSTRUCTION ENTRANCE

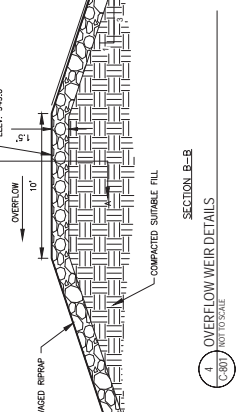
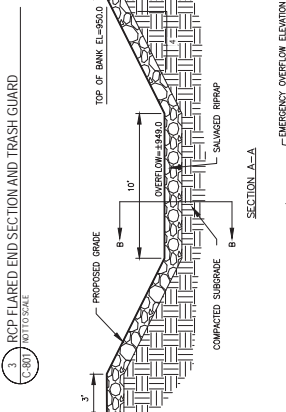
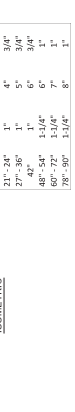
NOTES:
 1. MAXIMUM WIDTH OF CONSTRUCTION ENTRANCE IS 24 FEET.
 2. A WIMCO CG-23 TYPE V GEOTEXTILE FABRIC SHALL BE USED UNDER THE ROCK TO PREVENT MIGRATION OF THE UNDERLYING SOIL INTO THE STONE AND NEW STREET CONSTRUCTION.
 3. CONSTRUCTION ENTRANCE IS REQUIRED FOR ALL NEW HOME CONSTRUCTION AND NEW STREET CONSTRUCTION.
 4. MAINTENANCE SHALL BE PERMITTED TO REMAIN THROUGHOUT THE PERIODIC TOP DRESSING WITH ADDITIONAL ROCK OR REMOVAL AND REPAIR OF WEAR SURF FROM TRUCKS AND VEHICLE UNDERCARRIAGE PRIOR TO LEAVING THE SITE.

CITY OF VICTORIA
 STANDARD DRAWING
605
 VICTORIA



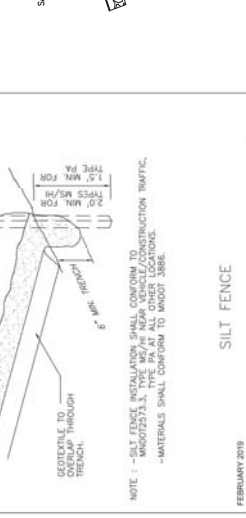
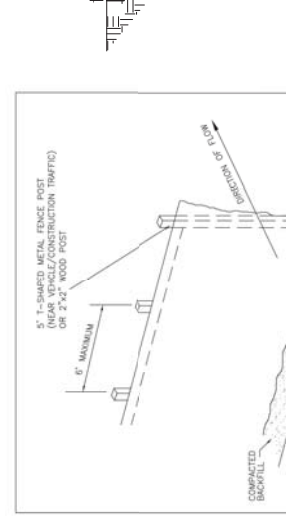
RCP FLARED END SECTION AND TRASH GUARD

NOTE: 1. RIPRAP SHALL BE 3/4\"/>



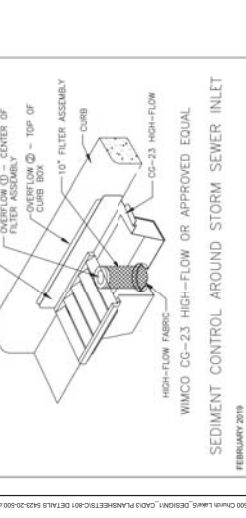
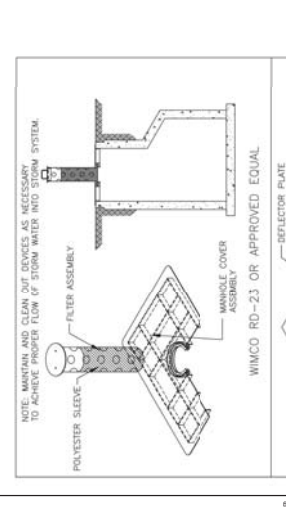
OVERFLOW WEIR DETAILS

NOTE: 1. RIPRAP SHALL BE 3/4\"/>



SILT FENCE

NOTE: 1. SILT FENCE INSTALLATION SHALL CONFORM TO CONSTRUCTION TRAFFIC CONTROL (MUTCD) 625.13.3. TYPE A AT ALL OTHER LOCATIONS.
 2. MATERIALS SHALL CONFORM TO MWOOT 388E.



SEDIMENT CONTROL AROUND STORM SEWER INLET

NOTE: MAINTAIN AND CLEAN OUT DEVICES AS NECESSARY TO ACHIEVE PROPER FLOW OF STORM WATER INTO STORM SYSTEM.