

WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

CALL BEFORE YOU DIG
GOPHER STATE ONE CALL
TWIN CITY AREA: 651-454-0002
TOLL FREE 1-800-252-1166

SHAKOPEE 2014, LLC

SHAKOPEE, MN

PROJECT DIRECTORY

OWNER:
SHAKOPEE 2014, LLC
MARK HAUSER
13886 STONEBROOK CURVE
SHAKOPEE, MN 55379
PH: 952-445-2025
EMAIL: MHAUSER@CHOICELEC.COM

ENGINEER:
CAMPION ENGINEERING SERVICES, INC.
MARTY CAMPION
1800 PIONEER CREEK CENTER
MAPLE PLAIN, MN 55364
PH: 763.479.5172
EMAIL: MCAMPION@CAMPIONENG.COM

SURVEYOR:
WENCK ASSOCIATES
1800 PIONEER CREEK CENTER
MAPLE PLAIN, MN 55359
PH: 763.479.4200

PROJECT LOCATION



NOTE:
BOUNDARY AND TOPOGRAPHIC INFORMATION PER SURVEY PREPARED BY
WENCK ASSOCIATES, DATED DECEMBER 8, 2017.

GOVERNING SPECIFICATIONS:

1. THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" LATEST EDITION & SUPPLEMENTS.
2. CITY ENGINEERS ASSOCIATION OF MINNESOTA (CEAM) STANDARD UTILITIES SPECIFICATIONS. (LATEST EDITION)
3. ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCE WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.
4. CITY OF SHAKOPEE STANDARD SPECIFICATIONS & DETAILS.
5. SHAKOPEE PUBLIC UTILITIES COMMISSION WATER POLICY MANUAL

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5.	GRADING PLAN
6.	STORM WATER POLLUTION PREVENTION PLAN
7.	DETAILS
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NO.	DATE	BY	DESCRIPTION



**CAMPION
ENGINEERING
SERVICES, INC.**

• Civil Engineering • Land Planning
1800 Pioneer Creek Center,
P.O. Box 249
Maple Plain, MN 55359
Phone: 763-479-5172
Fax: 763-479-4242
E-Mail: mcampion@campioneng.com

I hereby certify that this plan, specification
or report has been 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.
Martin P. Campion - Lic. # 19901 Date: _____

SHAKOPEE 2014, LLC

SHAKOPEE, MN

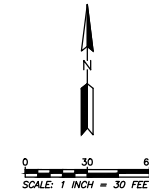
COVER SHEET

PROJECT NO:
17-031

SHEET NO. 1 OF 9 SHEETS DATE: 04/18/2018

CERTIFICATE OF SURVEY

SHAKOPEE, MN



LEGEND

- SET MONUMENT
- FOUND MONUMENT
- ⊙ SANITARY SEWER MANHOLE
- ⊕ WATER GATE VALVE
- ⊞ ELECTRIC TRANSFORMER
- ⊞ UTILITY POLE
- ANCHOR CABLE
- SANITARY SEWER
- WATERMAIN
- UNDERGROUND COMMUNICATION LINE
- 1/2" UNDERGROUND FIBER OPTIC LINE
- OVERHEAD UTILITY LINE
- TREE LINE
- ▨ BUILDING

GENERAL NOTES

- Bearings shown hereon are based on the Scott County Coordinate System relative to the NAD83(96) control adjustment.
- Elevations and contours shown hereon were established with GPS and are relative to the NAVD88 vertical datum.
- Utility lines shown hereon are based on field markings and maps provided to us as a result of a Gopher State One Call private utility locate ticket number 173320305. The surveyor cannot guarantee that all utilities were marked or that the markings/maps are accurate.

EXISTING PARCEL DESCRIPTION:

That part of the Northwest Quarter of the Southeast Quarter of Section 5, Township 115, Range 22, Scott County, Minnesota described as follows:

Commencing at the northeast corner of said Northwest Quarter of the Southeast Quarter; thence westerly along the north line of said Northwest Quarter of the Southeast Quarter a distance of 233.00 feet to the actual point of beginning; thence southerly parallel with the east line of said Northwest Quarter of the Southeast Quarter a distance of 467.00 feet; thence westerly parallel with the north line of said Northwest Quarter of the Southeast Quarter a distance of 200.00 feet; thence northerly and parallel with the east line of said Northwest Quarter of the Southeast Quarter a distance of 467.00 feet to the north line of said Northwest Quarter; thence easterly along said north line 200.00 feet to the point of beginning.

SURVEYORS' NOTES:

1. This survey was prepared based on a cursory title search, the surveyor does not guarantee that all or any adverse interests, easements or other encumbrances are shown or that the owner listed has fee title to the property.

SURVEYORS' CERTIFICATION:

I hereby certify that this survey was completed by me or under my direct supervision and that I am a duly licensed land surveyor under the laws of the State of Minnesota.

Chris Amborn 12/08/2017
Chris Amborn Date
LS 43055



1802 Wooddale Drive
Woodbury, MN 55125

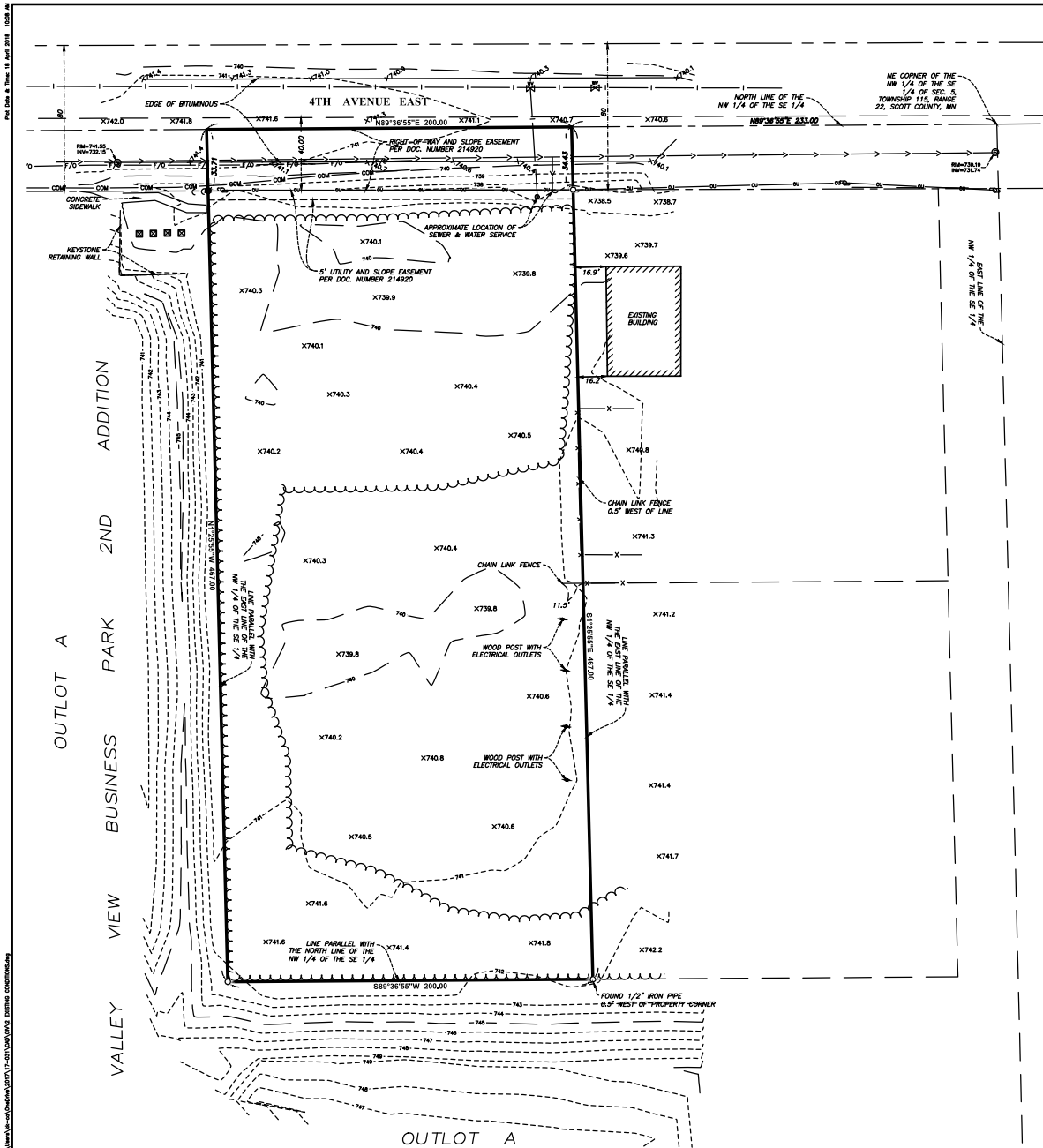
Ph: 651-385-5212
Fax: 651-228-1889

CLIENT NAME
CHOICE ELECTRIC INC
3080 4TH AVE EAST
SHAKOPEE, MN 55379

PROJECT TITLE

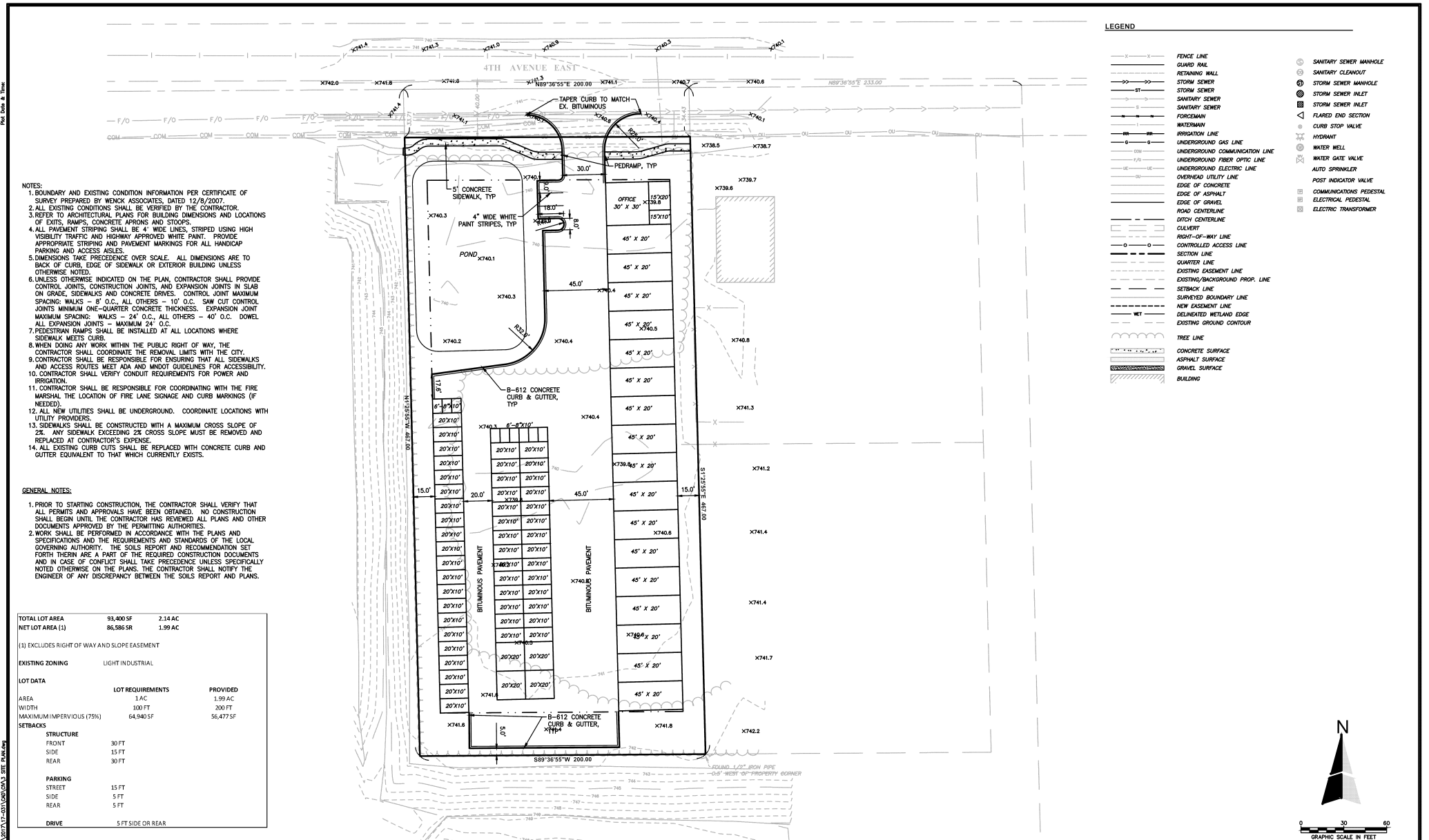
CERTIFICATE OF SURVEY

DWN BY CHK'D	APP'D	DWG DATE	06-DEC-2017
MLH CNA	CNA	SCALE	1" = 30'
PROJECT NO.	SHEET NO.		
7247-0001	2 OF 9		



Plot Date: 8/1/2018

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NO.	DATE	BY	DESCRIPTION



**CAMPION
ENGINEERING
SERVICES, INC.**

• Civil Engineering • Land Planning
1800 Pioneer Creek Center,
P.O. Box 240
Maple Plain, MN 55359
Phone: 763-479-5772
Fax: 763-479-4242
E-Mail: mcampion@campioneng.com

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Martin P. Campion - Lic. # 19901 Date: _____

SHAKOPEE 2914, LLC

SHAKOPEE, MN

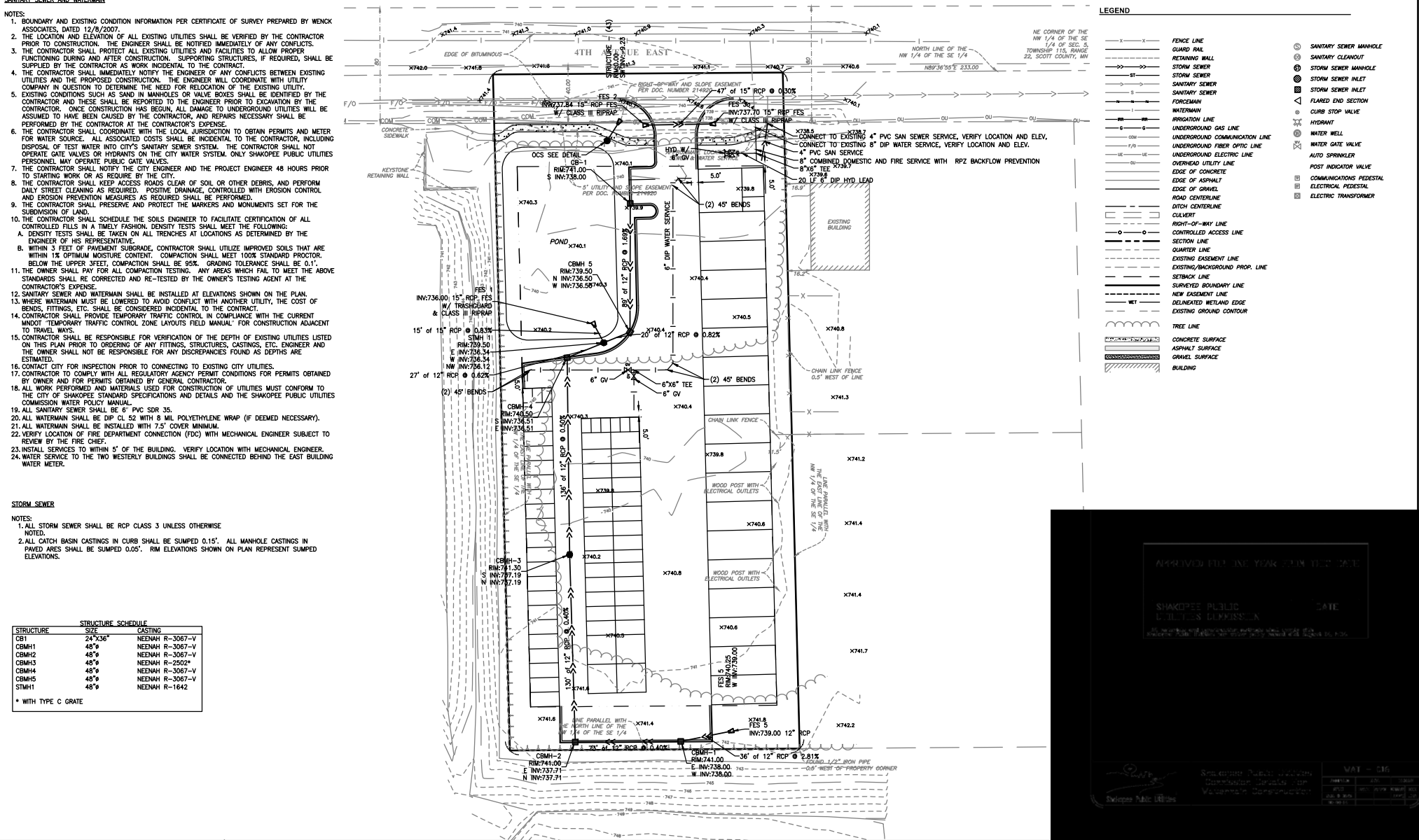
SITE PLAN

SHEET NO. 3 OF 9 SHEETS

PROJECT NO:
17-031

DATE:
04/18/2018

- DATE: 04/18/2019



GENERAL NOTES

- CAUTION NOTES:**

THE CONTRACTOR MUST CONTACT ALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE LOCATIONS OF SMALL UTILITIES SHALL BE OBTAINED BY THE CONTRACTOR BY CALLING GOPHER STATE ONE CALL AT 800-252-1166 OR 651-454-0002.

POND GRADING

- CAUTION NOTES:**

THE CONTRACTOR MUST CONTACT ALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE LOCATIONS OF SMALL UTILITIES SHALL BE OBTAINED BY THE CONTRACTOR BY CALLING GOPHER STATE ONE CALL AT 800-252-1166 OR 651-454-0002.



-

DATE: 04/18/2018

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P.O. Box 249
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Phone: 763-479-5172
Fax: 763-479-4242
E-Mail: mcampion@campanioneng.com

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Martin P. Campion -Lic. # 19901 Date:

Plot Date: 8/1/2018

EROSION/SILTATION CONTROL

1. ALL EROSION CONTROL AND SILTATION CONTROL WILL COMPLY WITH MINNESOTA'S BEST MANAGEMENT PRACTICES MANUAL AND REGULATIONS OF THE CITY.

2. THE CONTRACTOR SHALL BE FAMILIAR WITH AND FOLLOW ALL REQUIREMENTS OF THE MPCA NPDES PHASE I PERMIT FOR CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO: WEEKLY EROSION CONTROL INSPECTIONS, INSPECTION AFTER 0.5" RAINFALL OR MORE AND DOCUMENTATION OF ALL CORRECTIVE MEASURES. BY BEGINNING CONSTRUCTION, THE CONTRACTOR ACKNOWLEDGES THE TERMS OF THIS PERMIT AND AGREES TO ABIDE BY THEM.

3. THE CONTRACTOR SHALL PERFORM ANY CORRECTIVE MEASURES ORDERED BY THE CITY OR THE MPCA WITHIN 24 HOURS OF NOTIFICATION. ALSO, ADDITIONAL EROSION CONTROL MEASURES DEEMED NECESSARY BY EITHER THE CITY OR THE MPCA SHALL BE INSTALLED WITHIN 24 HOURS OF NOTIFICATION.

4. ANY DEPOSITING OF SILT OR MUD ON NEW OR EXISTING PAVEMENT, IN TEMPORARY SEDIMENTATION BASINS, OR IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN AND AFFECTED AREAS CLEANED. REMOVAL FROM EXISTING PAVEMENTS SHALL BE ACCOMPLISHED BY SWEEPING.

5. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION INCLUDING BUT NOT LIMITED TO ROCK ENTRANCES AND/OR SILT FENCES. CONTROL SHALL COMMENCE WITH GRADING AND CONTINUE THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR'S RESPONSIBILITY INCLUDES ALL DESIGN AND IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE OWNER MAY, AT HIS/HER OPTION DIRECT THE CONTRACTOR IN HIS/HER METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS.

6. ANY DEPOSITING OF SILT IN SWALES OR EXISTING STORM SEWER SHALL BE REMOVED AFTER EACH RAIN AND AFFECTED AREAS CLEANED TO THE SATISFACTION OF THE OWNER, ALL AT THE EXPENSE OF THE CONTRACTOR. THE SILT FENCES SHALL BE REMOVED AND THE SILT REMOVED FROM THE PONDING AREAS BY THE CONTRACTOR AFTER THE TURF IS ESTABLISHED.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH AND THE MONITORING REQUIREMENTS OF THE MPCA PERMIT.

8. ALL DISTURBED AREAS, EXCEPT ROADWAYS, BUILDING AREAS, AND SIDEWALKS, SHALL BE RESTORED WITH A MINIMUM 4 INCHES TOPSOIL, SEEDED AND MULCHED (TYPE I). SEEDING SHALL BE IN ACCORDANCE WITH MNDOT SPECIFICATION 2575, SEED MIX 22-111 @ 40 LBS/ACRE (OR APPROVED EQUAL). THE FILTRATION BASIN SHALL BE SEEDED WITH SEED MIX 35-241. DORMANT SEEDING AREAS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH MNDOT SPECIFICATIONS, STRAW MULCHING QUANTITY SHALL BE TWO TONS PER ACRE, FERTILIZER (10-10-20) SHALL BE APPLIED AT A RATE OF 200 POUNDS PER ACRE (CAN BE OMITTED IN LANDSCAPED AREAS IF LANDSCAPED SEEDING IS DONE CONCURRENTLY). MNDOT SEED MIX 21-113 APPLIED AT A RATE OF 110 LBS/ACRE SHALL BE USED FOR TEMPORARY SEEDING IF NEEDED.

9. CONSTRUCTION SHALL PROCEED IN THE FOLLOWING SEQUENCE:

a. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY.

b. INSTALL EROSION CONTROL MEASURES AND ROCK CONSTRUCTION ENTRANCE.

c. CONTACT CITY FOR APPROVAL OF EROSION CONTROL INSTALLATION.

d. MAINTAIN EROSION MEASURE, I.E. SILT FENCE, ROCK CONSTRUCTION ENTRANCE.

e. MAINTAIN ALL SEDIMENTATION PONDS, COMPLETE SITE GRADING, TOLERANCING.

f. INSTALL SEED AND MULCH ON AREAS THAT ARE NOT TO BE HARD SURFACES.

10. ALL STORM SEWER INLETS AND FLARED END SECTIONS SHALL BE ADEQUATELY PROTECTED BEFORE AND AFTER PAVEMENT CONSTRUCTION UNTIL ALL DISTURBED AREAS ARE STABILIZED. CONTRACTOR SHALL PLACE MIRAFI FABRIC AND GRAVEL OVER ALL CATCH BASIN GRATE INLETS UNTIL PAVING SURFACES ARE PAVED AND THE LANDSCAPING IS COMPLETED.

11. STOCKPILE AREAS WHICH REMAIN ON THE SITE FOR MORE THAN SEVEN DAYS SHALL BE SEEDED, MULCHED, AND SURROUNDED BY SILT FENCE.

12. BIO LOGS SHALL BE INSTALLED AT PIPE INLETS AND OUTLETS UNTIL RIPRAP IS INSTALLED. PERMANENT ENERGY DISSIPATORS SHALL BE INSTALLED WITHIN 24 HOURS OF CONNECTION TO A SURFACE WATER.

13. EROSION AND SEDIMENT CONTROL PRACTICES MUST REMAIN IN PLACE UNTIL THE SITE SOILS HAVE BEEN PERMANENTLY STABILIZED AND SHALL BE REMOVED WITHIN 30 DAYS THEREAFTER.

14. ALL STOCKPILES OF SOIL OR OTHER MATERIALS SUBJECT TO EROSION BY WIND OR WATER SHALL BE COVERED, VEGETATED, ENCLOSED, FENCED ON THE DOWN GRADIENT SIDE OR OTHERWISE EFFECTIVELY PROTECTED FROM EROSION IN ACCORDANCE WITH THE AMOUNT OF TIME THE MATERIAL WILL BE ON SITE AND THE MANNER OF ITS PROPOSED USE.

15. LOCATION OF CONCRETE WASHOUT AND HAZARDOUS MATERIALS STORAGE SHALL BE DETERMINED PRIOR TO START OF CONSTRUCTION. THE SWPPP WILL BE UPDATED AND LOCATIONS ADDED AT THAT TIME.

16. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY TO LIMIT SOIL EROSION AND SHALL BE COMPLETED NOT LATER THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. INITIATED IMMEDIATELY MEANS TAKING AN ACTION TO COMMENCE STABILIZATION AS SOON AS PRACTICABLE, BUT NO LATER THAN THE WORK DAY FOLLOWING THE DAY WHEN THE EARTH-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. INITIATED STABILIZATION IS DEFINED AS COMPLETING ONE (OR MORE) OF THE FOLLOWING: SOIL PREPARATION FOR VEGETATION, MULCHING (OR OTHER NON-VEGETATIVE BMP), SEEDING/PLANTING, OR SCHEDULING STABILIZATION MEASURES TO BE FULLY INSTALLED AND COMPLETED WITHIN THE 7 DAY TIMEFRAME.

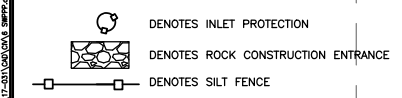
17. THE CONTRACTOR SHALL PROVIDE AND INSTALL A SWPPP MAILBOX (INCIDENTAL).

EROSION CONTROL BLANKET REQUIREMENTS

1. TEMPORARY EROSION BLANKET SHALL BE BIODEGRADABLE DOUBLE-NET STRAW (NORTH AMERICAN GREEN S150 OR APPROVED EQUAL) AND EROSION MATS SHALL HAVE A MINIMUM FUNCTIONAL LONGEVITY OF 10 MONTHS.

2. EROSION BLANKET PLACED ON SLOPES 3:1 OR GREATER SHALL BE ROLLED DOWN SLOPE AND WITH 4" MINIMUM LAP AND STAPLED AT 1' O.C.

3. CONSTRUCT A 6"x12" ANCHOR TRENCH 3' BEYOND CREST AND TOE OF SLOPE. STAPLE EROSION BLANKET IN TRENCH AT 1' O.C.

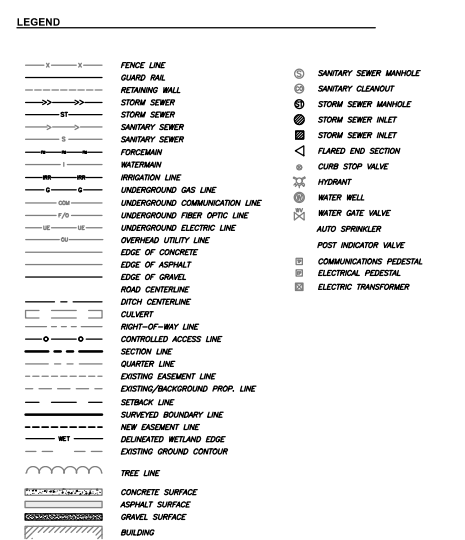
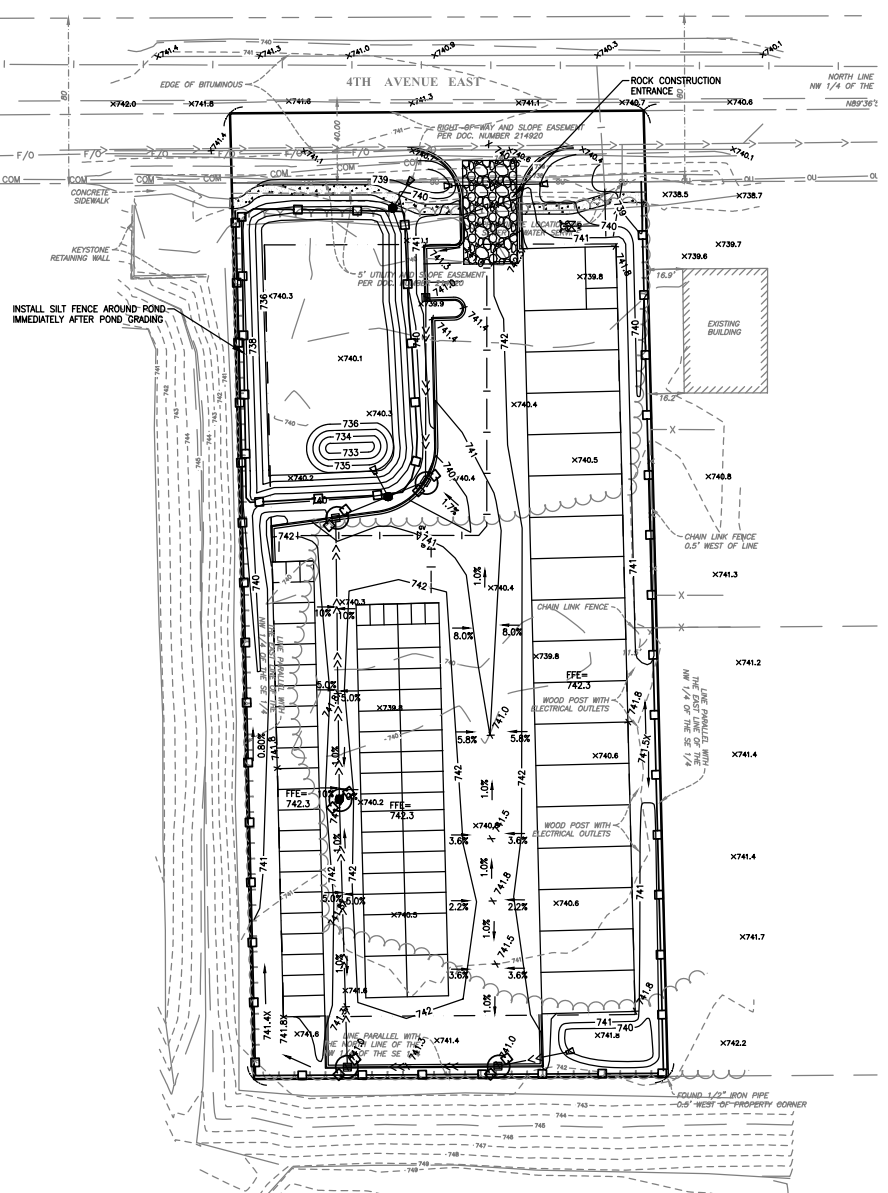


NO.	DATE	BY	DESCRIPTION



● Civil Engineering ● Land Planning
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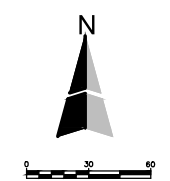
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MARTY CAMPIO
1800 PIONEER CREEK CENTER
MAPLE PLAIN, MN 55364
PH. 763.479.5172
EMAIL: MCAMPIO@CAMPIOENGINE.COM

EROSION CONTROL INSTALLER
NAME: _____
CONTACT: _____
ADDRESS: _____
PHONE: _____

CONTRACTOR
NAME: _____
CONTACT: _____
ADDRESS: _____
PHONE: _____

EROSION CONTROL QUANTITIES:

SITE RESTORATION = 0.4 AC
SILT FENCE = 1500 LF
INLET PROTECTION = 5 EA
ROCK CONSTRUCTION ENTRANCE = 1 EA

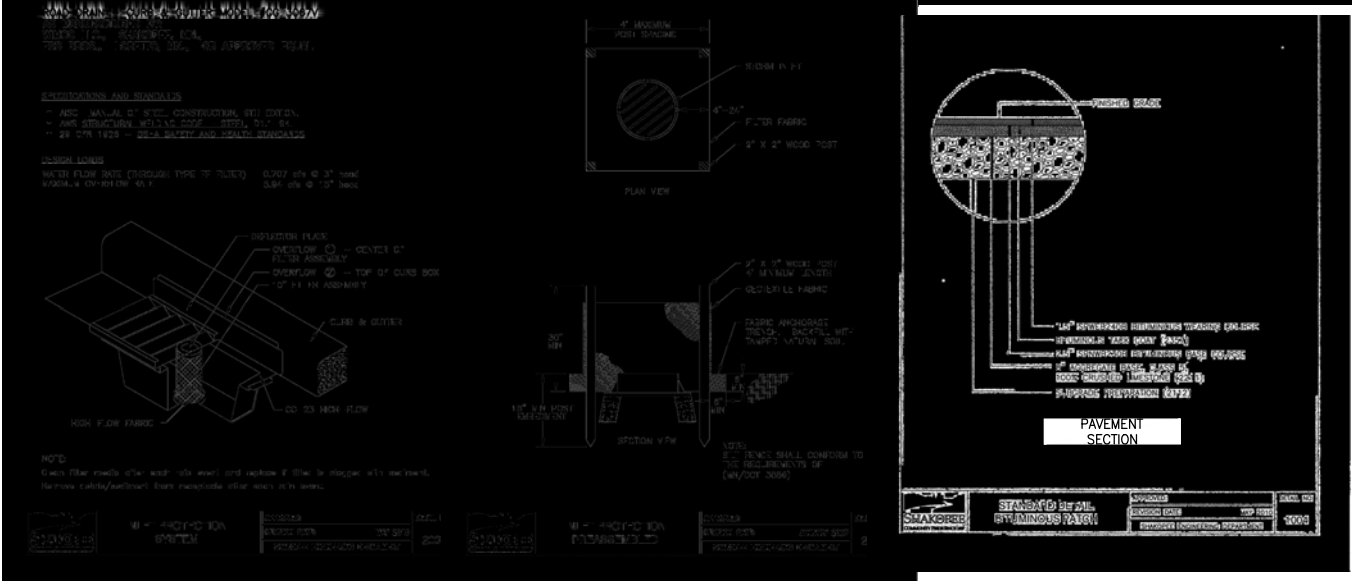
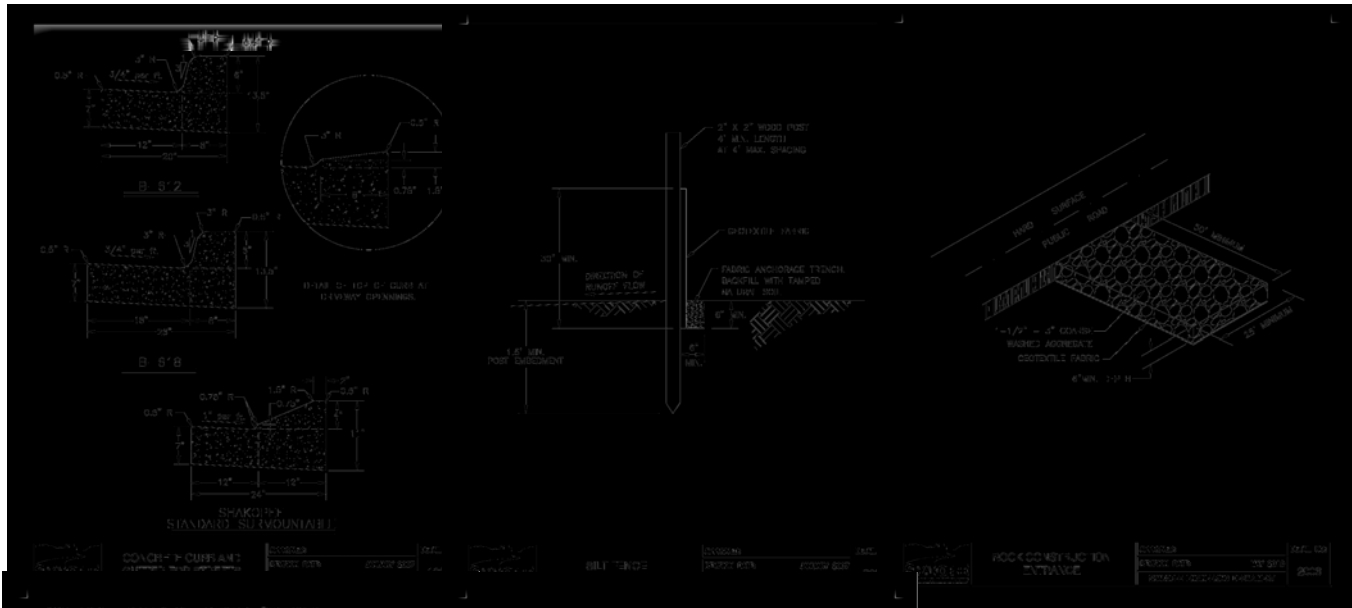


SHAKOPEE 2914, LLC
SHAKOPEE, MN

STORM WATER POLLUTION PREVENTION PLAN	PROJECT NO: 17-031
SHEET NO. 6 OF 9 SHEETS	DATE: 04/18/2018

Plot Date & Time:

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NO.	DATE	BY	DESCRIPTION

 **CAMPION
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SERVICES, INC.**

• Civil Engineering • Land Planning
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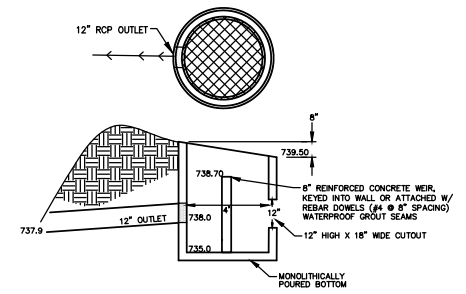
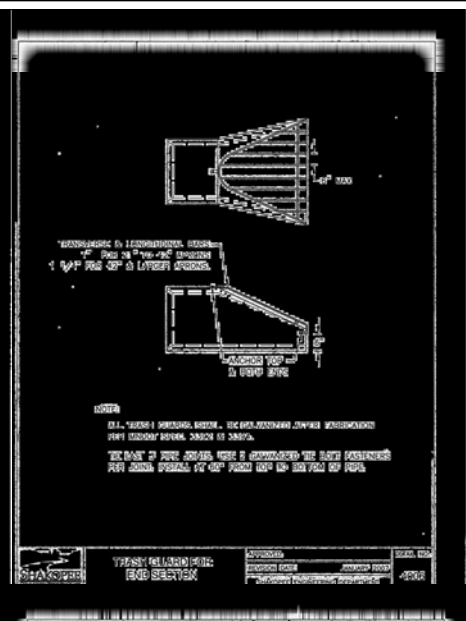
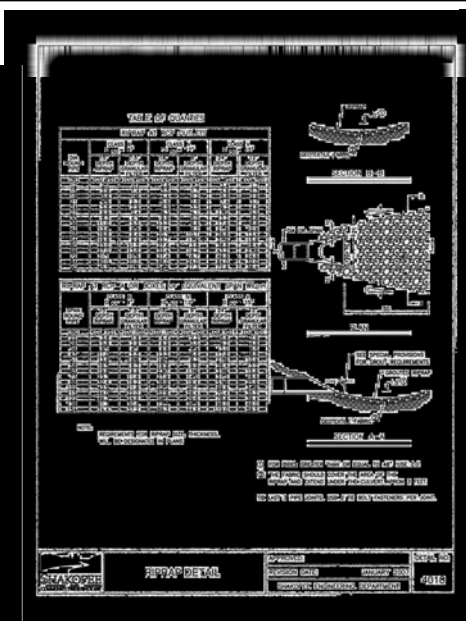
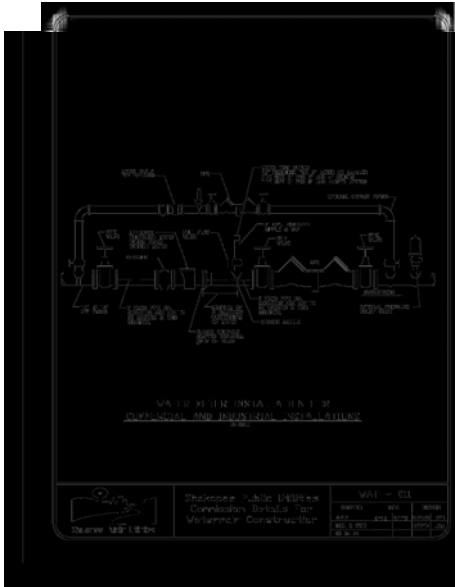
SHAKOPEE 2914, LLC

SHAKOPEE, MN

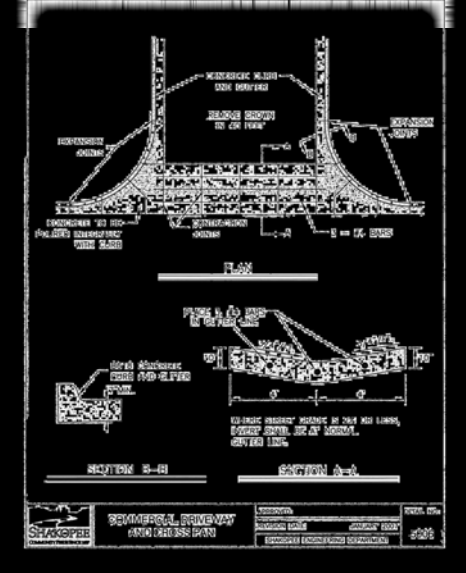
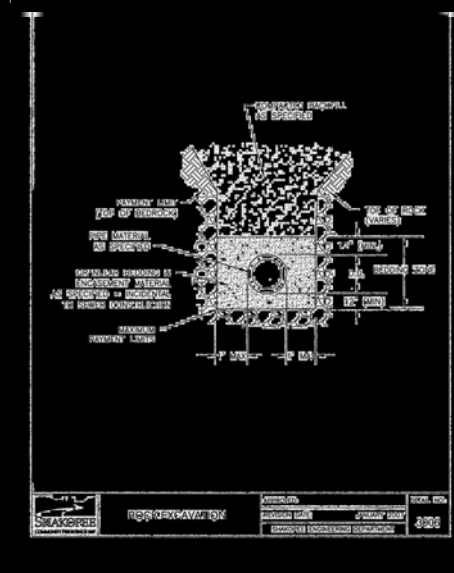
PROJECT NO:	17-031
SHEET NO.	7 OF 9 SHEETS
DATE:	04/18/2018

SHEET NO. 8 OF 9 SHEETS	DATE: 04/18/2018
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Plot Date & Time:



OUTLET CONTROL STRUCTURE
NOTE: STRUCTURE REQUIRES TWO (2) PIECE GRATE.



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1800 Pioneer Creek Center,
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DETAILS	PROJECT NO: 17-031
SHEET NO. 9 OF 9 SHEETS	DATE: 04/18/2018