

# CITY OF RAMSEY

## HEDGEHOG STREET DRAINAGE IMPROVEMENTS

### CITY IMPROVEMENT PROJECT NO. 19-10

## GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

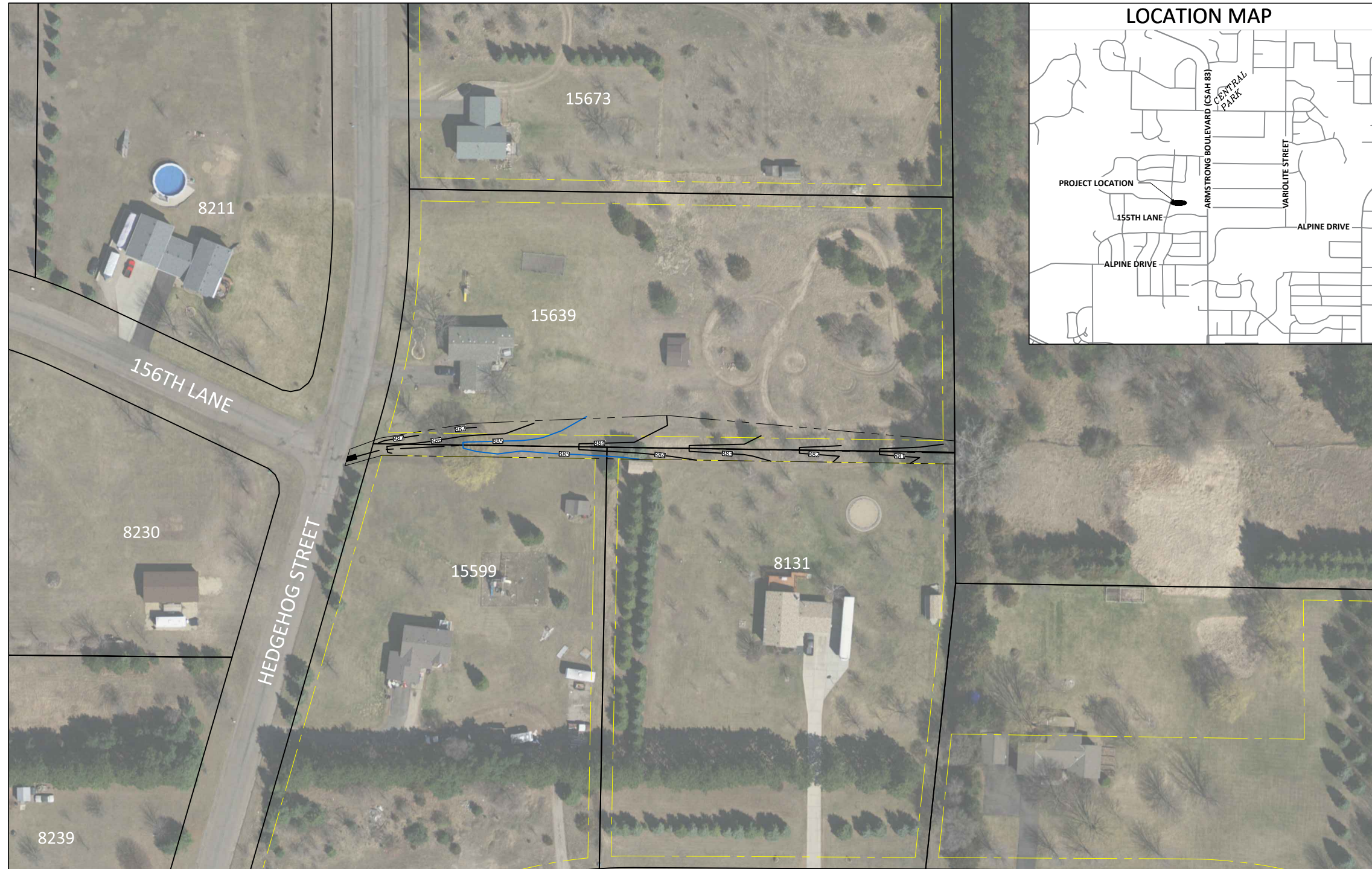
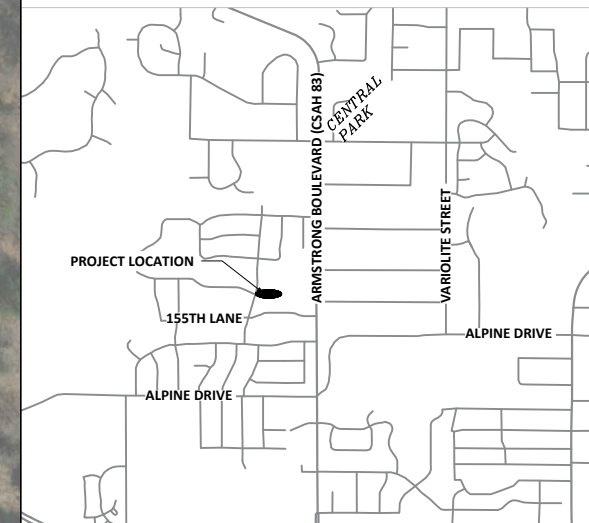
ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

### SHEET INDEX

THIS PLAN CONTAINS 5 SHEETS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2	NOTES & DETAILS
3	EXISTING CONDITIONS & REMOVALS
4	GRADING
5	RESTORATION

### LOCATION MAP



### LEGEND

	LIGHT POLE		EASEMENT
	TREE		RIGHT OF WAY
	TREE		ELECTRIC
	SHRUB		OVERHEAD ELECTRIC
	SIGN		GAS
	VALVE		TELECOMMUNICATIONS
	UTILITY PEDESTAL		STORM SEWER
	HAND HOLE		SANITARY SEWER
	REMOVE TREE		WATERMAIN
	3'X2' CATCH BASIN		SAWCUT PAVEMENT
	MANHOLE		TREE LINE
	INLET PROTECTION		FENCE
	HYDRANT		LANDSCAPING
	VALVE		RETAINING WALL
			5' CONTOUR LINE
			1' CONTOUR LINE
			SILT FENCE
			SURM. CONCRETE CURB & GUTTER
			B618 CONCRETE CURB & GUTTER
			SEEDING AREA
			RIP RAP

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.

*Joe Feriancek*  
 JOE FERIANCEK, P.E.  
 CITY OF RAMSEY

57095 DATE 10/8/19  
 LIC. NO.

DATE	REVISION
4/22/20	REMOVE SPRING RESTORATION LANGUAGE

SHEET 1 OF 5 SHEETS



CITY OF RAMSEY  
 7550 SUNWOOD DRIVE  
 RAMSEY, MN 55303  
 (763) 427-1410 FAX (763) 433-9898

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL 1-800-252-1166 OR 651-454-0002



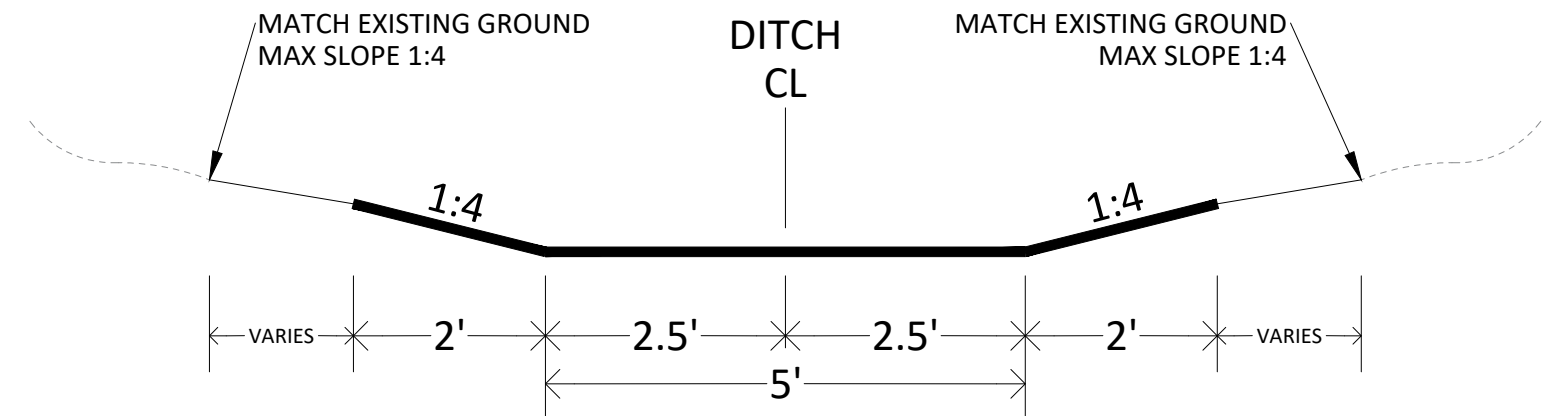
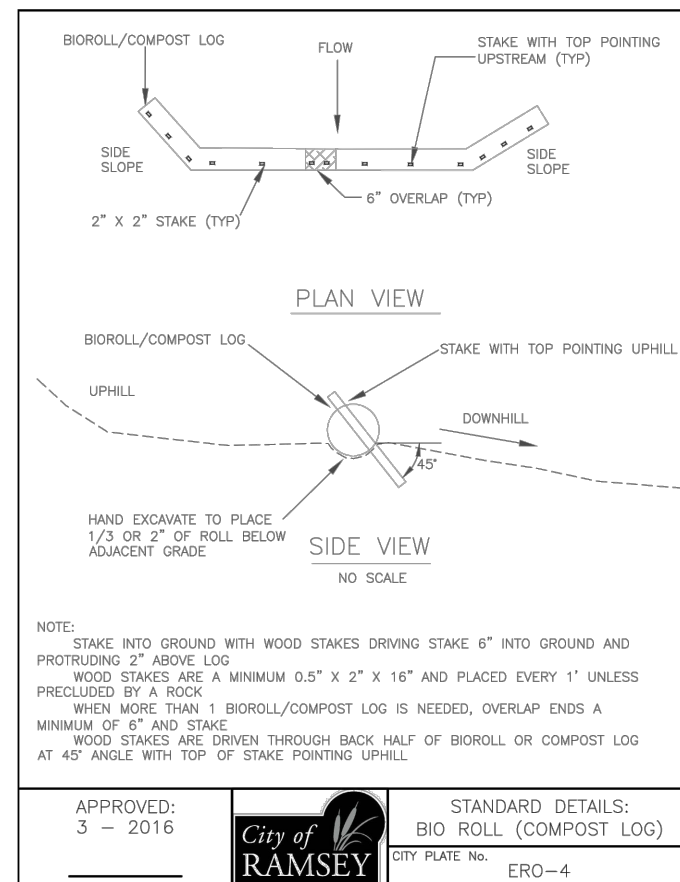
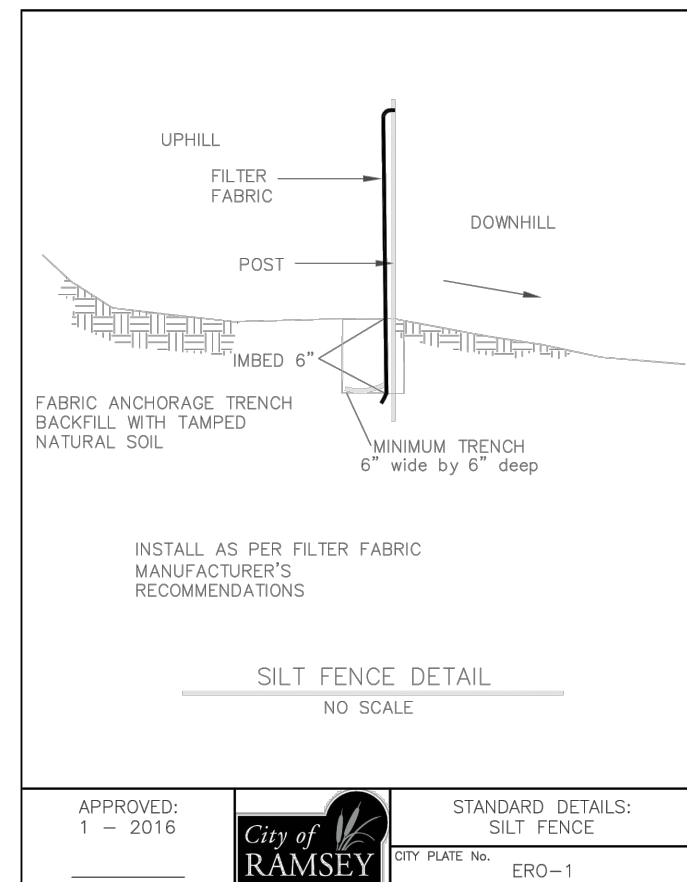
Call before you dig  
 811  
 651 454-0002 Metro  
 800 252-1166 Outstate  
[www.gopherstateonecall.org](http://www.gopherstateonecall.org)

## 19-10 ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITY
1	Mobilization	LS	1
2	Clearing & Grubbing	ACRE	0.11
3	Common Excavation	CY	210
4	Random Rip Rap Class III	CY	2
5	Geotextile Fabric Type IV	SY	4
6	Sediment Control Log Type Straw	LF	60
7	Silt Fence, Type MS	LF	40
8	Topsoil (LV)	CY	115
9	Hydroseeding	ACRE	0.32
10	Seed Mixture MnDOT 25-131	LBS	40
11	Fertilizer Type III	LBS	35
12	Hydraulic Matrix Type Mulch	LBS	640

### CONSTRUCTION NOTES:

1. CV TO LV CONVERSION FACTOR = 1.3
2. SEDIMENT CONTROL LOG, TYPE STRAW, SHALL BE USED AS DITCH CATCH. DITCH CATCH MUST BE PLACED SO NO GREATER THAN 6" OF WATER MAY BUILD BEHIND THE DITCH CATCH BEFORE OVERFLOWING. THIS IS TO ENSURE STORMWATER WILL NOT BACK UP INTO THE ADJACENT PROPERTIES.
3. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. IT IS NOT GUARANTEED ANY OR ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



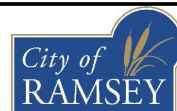
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*Joe Feriancek*  
**JOE FERIANCEK**  
Date 10/8/19 Lic. No. 57095

DESIGNED BY: JJF  
DRAWN BY: JJF  
CHECKED BY: BRW

DATE: 10/1/19  
FILE No. 19-10

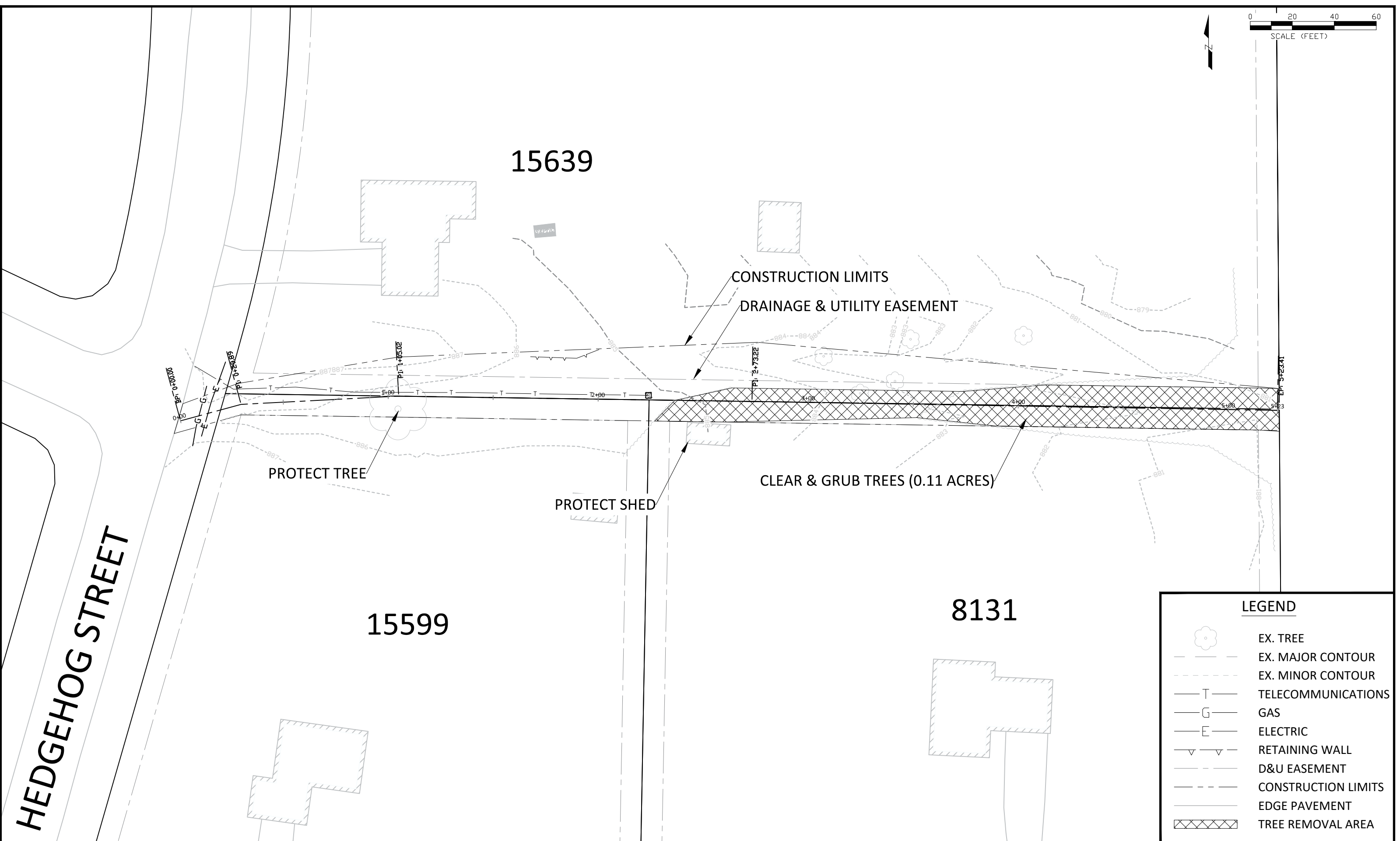


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(763) 427-1410 FAX (763) 433-9898

NOTES & DETAILS

**HEDGEHOG STREET DRAINAGE IMPROVEMENTS**  
CITY PROJECT NO. 19-10  
CITY OF RAMSEY, MINNESOTA

SHEET **2** OF **5**  
SHEETS



HEDGEHOG STREET

15639

15599

8131

CONSTRUCTION LIMITS  
DRAINAGE & UTILITY EASEMENT

PROTECT TREE

PROTECT SHED

CLEAR & GRUB TREES (0.11 ACRES)

LEGEND

- EX. TREE
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- TELECOMMUNICATIONS
- GAS
- ELECTRIC
- RETAINING WALL
- D&U EASEMENT
- CONSTRUCTION LIMITS
- EDGE PAVEMENT
- TREE REMOVAL AREA

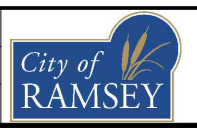
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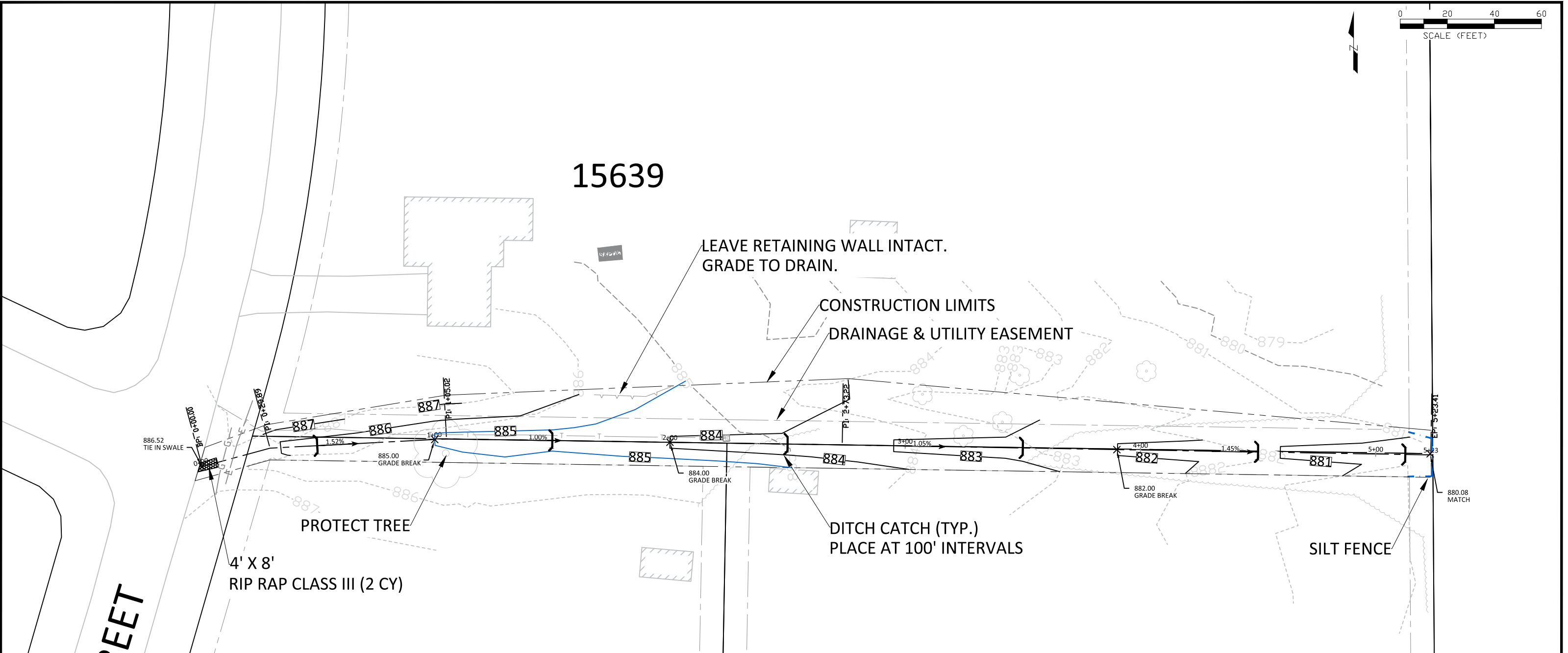
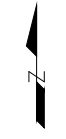
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EXISTING CONDITIONS & REMOVALS

HEDGEHOG STREET DRAINAGE IMPROVEMENTS  
CITY PROJECT NO. 19-10  
CITY OF RAMSEY, MINNESOTA



HEDGEHOG STREET

PROTECT TREE

4' X 8'  
RIP RAP CLASS III (2 CY)

LEAVE RETAINING WALL INTACT.  
GRADE TO DRAIN.

CONSTRUCTION LIMITS  
DRAINAGE & UTILITY EASEMENT

DITCH CATCH (TYP.)  
PLACE AT 100' INTERVALS

SILT FENCE

15599

8131

**NOTE:**  
SILT FENCE IS TO BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ON-SITE. THE SILT FENCE MUST BE MAINTAINED UNTIL TURF ESTABLISHMENT HAS BEEN ACCEPTED BY THE CITY.  
DITCH CATCH (BIO-ROLL) IS TO BE INSTALLED PER DETAIL. DITCH CATCH MUST BE INSTALLED AFTER GRADING OF THE DITCH, AND MUST BE MAINTAINED UNTIL TURF ESTABLISHMENT HAS BEEN ACCEPTED BY THE CITY.  
~~THE CITY WILL DETERMINE TURF ESTABLISHMENT AFTER THE SPRING 2020 THAW. FINAL COMPLETION OF THE PROJECT IS ANTICIPATED TO BE ON OR BEFORE JUNE 30, 2020.~~

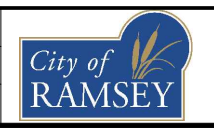
LEGEND	
	PR. MAJOR CONTOUR
	PR. MINOR CONTOUR
	EX. MAJOR CONTOUR
	EX. MINOR CONTOUR
	D&U EASEMENT
	CONSTRUCTION LIMITS
	RETAINING WALL
	DRAINAGE ARROW
	RIP RAP
	PR. SILT FENCE
	DITCH CATCH

DATE	REVISION
4/22/20	REMOVE SPRING RESTORATION LANGUAGE

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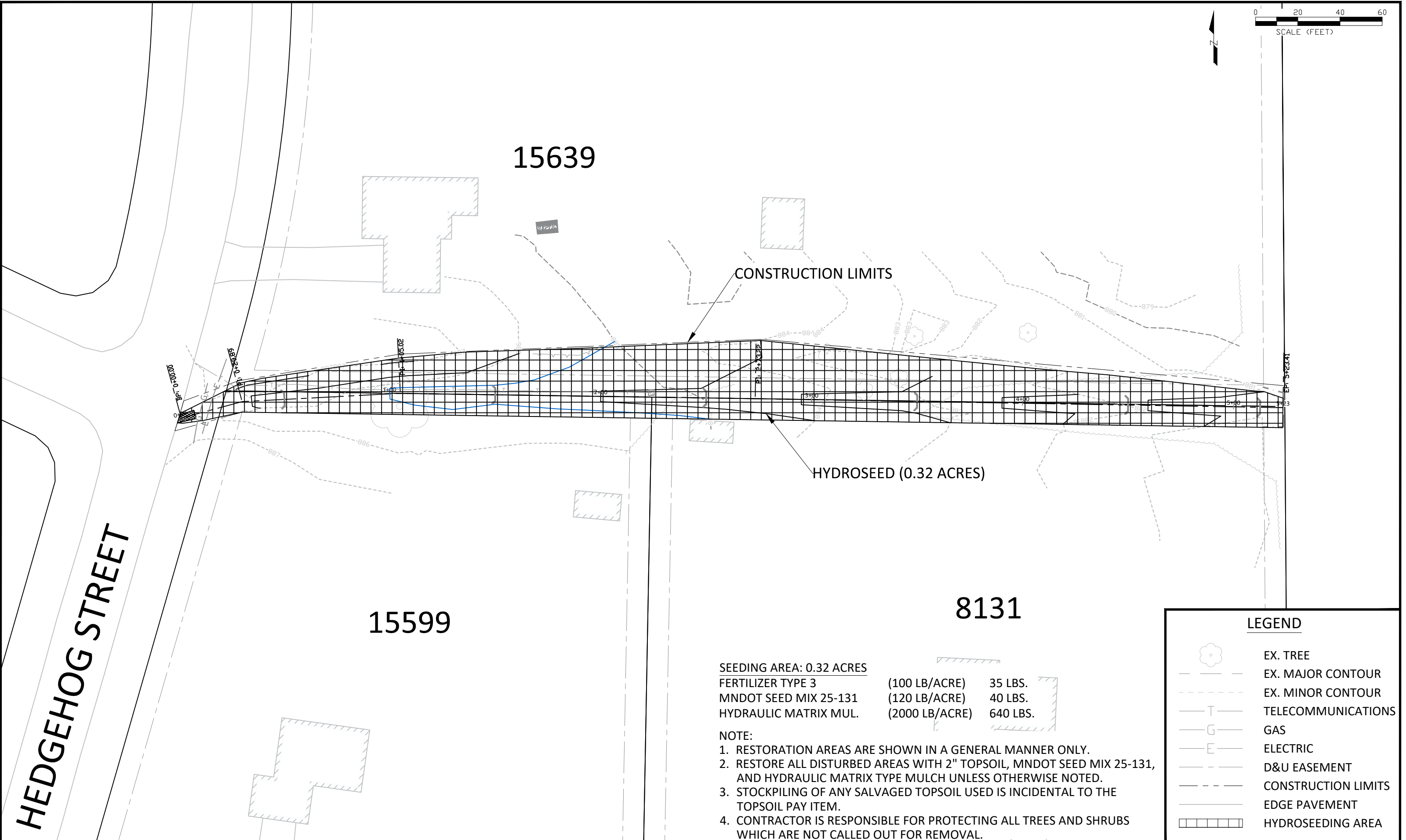
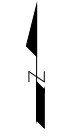
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GRADING

HEDGEHOG STREET DRAINAGE IMPROVEMENTS  
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CITY OF RAMSEY, MINNESOTA



HEDGEHOG STREET

15639

15599

8131

CONSTRUCTION LIMITS

HYDROSEED (0.32 ACRES)

SEEDING AREA: 0.32 ACRES  
 FERTILIZER TYPE 3 (100 LB/ACRE) 35 LBS.  
 MNDOT SEED MIX 25-131 (120 LB/ACRE) 40 LBS.  
 HYDRAULIC MATRIX MUL. (2000 LB/ACRE) 640 LBS.

- NOTE:
1. RESTORATION AREAS ARE SHOWN IN A GENERAL MANNER ONLY.
  2. RESTORE ALL DISTURBED AREAS WITH 2" TOPSOIL, MNDOT SEED MIX 25-131, AND HYDRAULIC MATRIX TYPE MULCH UNLESS OTHERWISE NOTED.
  3. STOCKPILING OF ANY SALVAGED TOPSOIL USED IS INCIDENTAL TO THE TOPSOIL PAY ITEM.
  4. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL TREES AND SHRUBS WHICH ARE NOT CALLED OUT FOR REMOVAL.

LEGEND

- EX. TREE
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- TELECOMMUNICATIONS
- GAS
- ELECTRIC
- D&U EASEMENT
- CONSTRUCTION LIMITS
- EDGE PAVEMENT
- HYDROSEEDING AREA

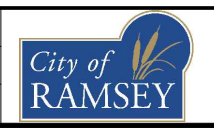
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RESTORATION

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