Know what's below. Call before you dig.

TRAFFIC SIGNAL POLE FOUNDATION DETAIL

TRAFFIC SIGNAL AND STREET LIGHT

HANDHOLE DETAIL

(Complied from the drawings.)
Know what's below. Call before you dig.

Before you dig, call 811 to alert utilities to your plans. This helps prevent damage to underground utilities and ensures your safety.

Be aware of potential hazards and follow proper safety procedures.

Annotate the site with the location of underground utilities and other critical information.

Ensure that all work is conducted in a professional and safe manner.

Call 811 for more information.
**TRAFFIC SIGNAL NOTES AND LEGEND**

- **C.12.04**

### MOST SIGNAL STANDARD PLANS

<table>
<thead>
<tr>
<th>Description</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>BID DOCUMENTS</td>
<td>08-30-19</td>
</tr>
<tr>
<td>90% DESIGN</td>
<td>11-01-19</td>
</tr>
<tr>
<td>50% DESIGN</td>
<td>12-10-19</td>
</tr>
</tbody>
</table>

### TRAFFIC SIGNAL NOTES

#### DATE
- Call before digging
- Call 811 before digging
- City of Ann Arbor
- State of Michigan

#### DRAWING NO.

#### SCALE

#### FIRST ST - CITY OF ANN ARBOR

#### BENCH MARK

#### SURVEY REV. NO.

#### DESCRIPTION

#### PROJECT SHEET

#### GENERAL NOTES

1. Permit Letters
2. No permit required in General
3. No permit required
4. No permit required
5. No permit required in General
6. Permit Letters
7. No permit required in General
8. No permit required
9. No permit required
10. No permit required in General

#### TRAFFIC SIGNAL NOTES

- **C.12.04**

#### TRAFFIC SIGNAL NOTES AND LEGEND

- **C.12.04**

---

**Kno what's below.**

**Call before you dig.**

**Wade Trim**
Call 811 before you dig.

LIST OF MATERIAL

<table>
<thead>
<tr>
<th>No.</th>
<th>REQ</th>
<th>DESCRIPTION</th>
<th>NEW CODE</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TRAFFIC SIGNAL REMOVAL SHEET

FIRST ST @ MILLER ST

C.12.05
CABLING DIAGRAM

CABLES TO BE USED UNLESS SPECIFIED OTHERWISE

1. 4W 3C TRAFFIC SIGNAL CABLES ARE 7/C#16 PJ.
2. PEDESTRIAN SIGNAL CABLES ARE 7/C#16 PJ.
3. ANY EXPOSED LEAD SHEATHED CABLES ARE 12/C#18 PJ.
4. 4W 3C TRAFFIC SIGNAL CABLES ARE 7/C#16 PJ.
5. PEDESTRIAN SIGNAL CABLES ARE 7/C#16 PJ.
6. CELLULAR MODEM ANTENNA CABLES ARE LM-400 OR APPROVED EQUIVALENT.

POLE
STEEL

TYPICAL
HH 36"

PEDESTAL
1-1/" DB CONDUIT
3-3" DB CONDUITS
1-1/" DB CONDUIT
3-3" DB CONDUITS

CONC HH
POLYMER

PRELIMINARY
Know what's below. Call before you dig.

Call 811.

Traffic Signal Construction
Sheet First St @ Liberty St

Typical Consultant Detail

W Liberty

Wade Trim

Theodore G. 3/4" Drilling, White Mt., Greene

List of Material

First St - City of Ann Arbor

Bench Mark

Survey

Rev. No.

Description

Dr. By

Date

Ch. By

90% Design

08-30-19

50% Design

12-10-19

BID Documents

1"=20'

C.12.17

Traffic Signal Construction

Sheet First St @ Liberty St
TRAFFIC SIGNAL CONSTRUCTION
SHEET FIRST ST @ LIBERTY ST

PROPOSED NORTH-EAST MAST ARM ELEVATION  FACING SOUTH - NOT TO SCALE
EX. SOUTH-EAST MAST ARM ELEVATION  FACING WEST - NOT TO SCALE
EX. WEST MAST ARM ELEVATION  FACING WEST - NOT TO SCALE
EX. SOUTH-WEST MAST ARM ELEVATION  FACING NORTH - NOT TO SCALE
EX. NORTH-WEST MAST ARM ELEVATION  FACING EAST - NOT TO SCALE
PROPOSED SOUTH-WEST MAST ARM ELEVATION  FACING SOUTH - NOT TO SCALE

DRAWING NO.  1"=20'
SCALE

FIRST ST - CITY OF ANN ARBOR

BENCH MARK
SURVEY

REV. NO.
DESCRIPTION
DATE
CH.BY

90% DESIGN
08-30-19
50% DESIGN
12-10-19
BID DOCUMENTS

Know what's below.  Call before you dig.

C.12.18
Know what’s below.

before you dig.

Call 811.  

08-30-19  90% DESIGN 

12-10-19  BID DOCUMENTS 

11-01-19  50% DESIGN 

NB RAILROAD PRE-SIGNAL (SOUTH OF W LIBERTY)
**Traffic Signal Construction Sheet**

**Overview**
- **Name**: US-23BL (MAIN)
- **R.O.W.**: 82.5' R.O.W.
- **Speed Limit**: 30 MPH

**List of Material**

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Instructions**

- Signal will be designed to MDOT standards and meet the requirements of the signal layout request.
- Any adjustments to the signal will contact
- MDOT is not required to maintain a minimum of 100' of overhead clearance above the signal.

**Notes**

- Install 500 foot of signal wiring running east on the signal.
- Install signal wiring running east on the road.
- Existing signal wiring runs east on the road.

**Design**

- Signal wiring runs east on the road.
- Existing signal wiring runs north on the road.
- Existing signal wiring runs south on the road.
- Install signal wiring runs east on the road.
- Install signal wiring runs north on the road.
- Install signal wiring runs south on the road.

**Diagram**

- Diagram showing the signal layout with all necessary components and connections.
- Diagram includes signal heads, wiring, and other equipment as specified in the list of material.

**Additional Information**

- **FILE**: 11/27/19
- **DESIGN UNIT**: PRELIMINARY
- **AUTH**: WADETRIM
- **DESIGNED BY**: WADETRIM
- **DRAWING SHEET**: AAD2016.01T
- **PLAN**: 555 S. Saginaw Street, Suite 201, Flint, MI 48502
- **PHONE**: 810.235.2555
- **INTERNET**: www.wadetrim.com
CABLES TO BE USED
UNLESS SPECIFIED OTHERWISE

1. 4W-3C TRAFFIC SIGNAL CABLES ARE 7/C#16 PJ.
2. PEDESTRIAN SIGNAL CABLES ARE 7/C#16 PJ.
3. 4W-3C TRAFFIC SIGNAL CABLES ARE 7/C#16 PJ.
4. PEDESTRIAN SIGNAL W/1W-3C TRAFFIC SIGNAL CABLES ARE 12/C#16 PJ.
5. PEDESTRIAN SIGNAL CABLES ARE 7/C#16 PJ.
6. 4W-3C TRAFFIC SIGNAL CABLES ARE 7/C#16 PJ.

CELLULAR MOBILE ANTENNA CABLES ARE ELECTRIC OR APPROVED EQUAL.
Groundwater During Drilling: NONE Notes:
Groundwater After Drilling: NONE
End of Boring: 10'
End of Boring = 10.0'. Borehole backfilled upon completion.
Project Number: 1198070026

EXPLANATION OF TEST HOLE

Boring No: FIR-07

Drawing No: FIR-08

Client Name: City of Ann Arbor

Date Started: 8/2/19

Drill Rig Model: HSA

Date Completed: 8/2/19

Driller Name: AI Gustafson

Auger Size: 3.25"

Drilling Method: HSA

Logged By: AI Gustafson

Number of Depth (ft) Description of Strata
0 Fill Clayey sand (SP) - gray, fine to coarse, some gravel, loose, moist.
S-1 5-6d (10)
1 Sandy clay (CL) - brown, trace gravel, very soft, moist.
2-4d (4)
2 End of Borehole = 5.0'. Borehole backfilled upon completion.

Groundwater During Drilling: NONE

Notes: Groundwater After Drilling: NONE

End of Boring: 5

PAGE 1 of 1
**GENERAL NOTES**

A. REFER TO THE CITY OF ANN ARBOR’S DIVISION VI “STREETLIGHT INSTALLATION AND CONSTRUCTION” MANUAL FOR SPECIFICATIONS.

B. THE DRAWINGS REPRESENT ELECTRICAL DESIGN INTENT. THEY ARE SCHEMATIC AND DIAGRAMMATIC AND DO NOT INDICATE CONSTRUCTION DETAILS OR ROUTING UNLESS OTHERWISE NOTED. THE SPECIFICATIONS ESTABLISH MINIMUM PERFORMANCE AND PRODUCT INSTALLATION REQUIREMENTS. PROVIDE PRODUCTS CONSISTENT WITH THE DESIGN INTENT AND NECESSARY FOR COMPLETE OPERATING ELECTRICAL SYSTEMS.

C. FINAL SELECTION AND INSTALLATION OF EQUIPMENT SHALL BE EVALUATED BY THE CONTRACTOR AND BASED ON SITE CONDITIONS AND CODE REQUIREMENTS. THE CONTRACTOR SHALL ENSURE SUFFICIENT ELECTRICAL WORKING SPACE AND ACCESS TO ELECTRICAL HANDHOLES AND SIGNAL CONDUITS PRIOR TO CONSTRUCTION.

D. CLOSELY COORDINATE THE WORK WITH ALL OTHER TRADES AND SITE CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS AND STARTING CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND CONTRACT DOCUMENTS PRIOR TO BID AND CONSTRUCTION.

E. PROVIDE ANY AND ALL WORK REQUIRED FOR A COMPLETE INSTALLATION, INCLUDING, BUT NOT LIMITED TO INTERCONNECTING WIRING, CABLES, TERMINATIONS, CONDUITS, RACEWAYS, JUNCTION BOXES, COVERS, PLATES, MOUNTING SUPPORTS, HARDWARE, FASTENERS, PULL STRINGS, ETC.

F. CONTACT MISS DIG AND ALL UTILITY COMPANIES AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION. DO NOT BEGIN ANY UNDERGROUND WORK PRIOR TO SURVEYING AND MARKING OF EXISTING UTILITIES.

G. THE FIXTURE SCHEDULE INDICATES GENERAL DESCRIPTION OF LIGHTING FIXTURES AND MANUFACTURERS. COMPLY WITH MANUFACTURERS RECOMMENDATIONS AND INSTRUCTIONS FOR INSTALLATION.

H. VERIFY EXACT LOCATION OF LIGHTING FIXTURES WITH OTHER TRADES PRIOR TO INSTALLATION. VERIFY THE CORRECT CONFIGURATION AND PROVIDE FIXTURES WITH NECESSARY ACCESSORIES AND MOUNTING HARDWARE.

I. SYMBOLS AND ABBREVIATIONS SHOWN ARE GENERIC. NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED.

J. NEW SIGNAL CONDUITS SHALL BE CONNECTED INTO EXISTING SIGNAL HANDHOLES.

K. CONNECTIONS FROM HANDHOLES TO LIGHT FIXTURE ARE MINIMUM AWG #10.

**SYMBOLS**

- **ELECTRICAL HANDHOLE** - (17"x30")
- **ELECTRICAL HANDHOLE ASSEMBLY** - (17"x30", DOUBLE STACKED)
- **ELECTRICAL ENCLOSURE**
- **TRANSMISSION CONDUIT (2" SCHEDULE 80 PVC WITH TRACER WIRE)**
- **SIGNAL CONDUIT (2" SCHEDULE 80 PVC)**
- **TELECOMMUNICATIONS CONDUIT (4" SCHEDULE 80 PVC WITH TRACER WIRE)**
- **TELECOMMUNICATIONS HANDHOLE (HANDHOLE ASSEMBLY, 17"x30", DOUBLE STACKED)**

**ABBREVIATIONS**

- **GFCI** - GROUND FAULT CIRCUIT INTERRUPTER
- **GFI**
- **LTG** - LIGHTING RECEPTACLE
- **G**
- **GND**
- **SYMBOLS**
- **ABBREVIATIONS**

**FIRST ST STREETSCAPE - CITY OF ANN ARBOR**

**ELECTRICAL PLAN 1**

**SCALE**

**INCH**

**E.1.01**
### LIGHTING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Mounting</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>City Light Pole with Type 2 Construction</td>
<td>Lumison</td>
<td>UNK-L2</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2</td>
<td>City Light Pole with Type 2 Construction</td>
<td>Lumison</td>
<td>UNK-L2</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>3</td>
<td>City Light Pole with Type 2 Construction</td>
<td>Lumison</td>
<td>UNK-L2</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

### POWER CIRCUIT SCHEDULE

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Connected Watts</th>
<th>Corrected Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>South Street</td>
<td>2.200 kW</td>
<td>2.200 kW</td>
</tr>
</tbody>
</table>

### LIGHTING CIRCUIT SCHEDULE

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Connected Watts</th>
<th>Corrected Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>South Street</td>
<td>2.200 kW</td>
<td>2.200 kW</td>
</tr>
</tbody>
</table>

### ELECTRICAL DETAILS

- **LIGHTING FIXTURE SCHEDULE**
  - Type 1: City Light Pole with Type 2 Construction
  - Type 2: City Light Pole with Type 2 Construction
  - Type 3: City Light Pole with Type 2 Construction

- **POWER CIRCUIT SCHEDULE**
  - Type 1: Connected Watts 2.200 kW, Corrected Watts 2.200 kW

- **LIGHTING CIRCUIT SCHEDULE**
  - Type 1: Connected Watts 2.200 kW, Corrected Watts 2.200 kW
NOTES:

1. THIS DETAIL DESCRIBES A CHEMICAL LIGHT FOUNDATION FOR CHEMICAL LIGHT FOUNDATION. FOR LIGHT FOUNDATION, USE A 16" DIAMETER SONOTUBE FOR THE CONCRETE FOOTING. MAINTAIN ALL OTHER DETAILS.

2. HOLE TO BE AUGERED. MINIMIZE DISTURBANCE OF IN-SITU SOILS DURING AUGERING.

3. CONTRACTOR TO PROVIDE PREFABRICATED ANCHOR BOLT BUILD-UP.

4. THE CITY WILL INSPECT THE AUGERED HOLE AND THE ANCHOR BOLT BUILD-UP AND PROVIDE WRITTEN APPROVAL PRIOR TO THE PLACEMENT OF CONCRETE.

5. NO WATER IS TO BE IN HOLE AT TIME OF CONCRETE PLACEMENT.

6. CONCRETE SHALL BE VIBRATED DURING PLACEMENT.

7. CONTRACTOR WILL PROVIDE NECESSARY CONDUIT FOR ENTRY. PAID FOR AT THE CONTRACT UNIT PRICE FOR 2" CONDUIT.

8. CONDUIT TO EXTEND 1-2" ABOVE BASE. CABLES TO EXTEND 6" OUTSIDE OF HANDHOLE.

9. SHIMS TO BE 1/2" MIN., PER D.E. SPEC.

10. GROUND CABLE SHALL BE #6 SOFT BARE COPPER WIRE WELDED TO GROUND ROD WITH 24" SLACK ABOVE FOUNDATION TOP; THE NEUTRAL AT THE POLE IS TO BE CONNECTED TO THIS GROUND CABLE.

* UNLESS OTHERWISE NOTED ON THE PLANS OR CONTRACT DOCUMENTS.
**ACRF** Acer griseum

**AM** Amelanchier x grandiflora ‘Autumn Brilliance’

**AN** Acer x freemanii ‘Autumn Blaze’

**ARB** Acer saccharinum ‘Blue Ice’

**CB** Calamagrostis x acutiflora ‘Karl Foerster’

**CR** Carex montana

**EC** Echinacea purpurea ‘Purple Coneflower’

**HC** Heuchera americana

**L** Leymus arenarius

**LIR** Liriope spicata

**NEP** Nepeta x faassenii ‘Walker’s Low’

**PAN** Panicum virgatum ‘Shenandoah’

**RUD** Rudbeckia fulgida ‘Goldsturm’

**SES** Sesleria autumnalis

**SL** Silphium terebinthinaceum

**SPO** Sporobolus heterolepis

**SYR** Syringa reticulata "Ivory Silk"

**1. PLANTING LIST & DETAILS**

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Size</th>
<th>Form</th>
<th>Notes/Spacing</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACXF</td>
<td>Acer x freemanii ‘Autumn Blaze’</td>
<td>Autumn Blaze maple</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td>35</td>
</tr>
<tr>
<td>ACMI</td>
<td>Acer miabais ‘State Street’</td>
<td>State Street maple</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
</tr>
<tr>
<td>BENI</td>
<td>Betula nigra ‘Heritage’</td>
<td>Heritage birch</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
</tr>
<tr>
<td>GINK</td>
<td>Ginkgo biloba ‘Autumn Gold’</td>
<td>Autumn Gold ginkgo</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
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<tr>
<td>GLTR</td>
<td>Gleclisia triacanthos ‘Shademaster’</td>
<td>Shademaster honeylocust</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
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<tr>
<td>DYDI</td>
<td>Gymnocladus dioicus</td>
<td>Kentucky coffee tree</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
</tr>
<tr>
<td>NYSS</td>
<td>Nyssa sylvatica</td>
<td>Black tupelo/black gum</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
</tr>
<tr>
<td>QURO</td>
<td>Quercus rubra</td>
<td>Red oak</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
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<tr>
<td>TAXO</td>
<td>Taxodium distichum</td>
<td>Bald cypress</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
<td></td>
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<tr>
<td>ULMH</td>
<td>Ulmus ‘New Horizon’</td>
<td>New Horizon elm</td>
<td>2.5” Cal.</td>
<td>B&amp;B</td>
<td>Full, well-branched, single central leader</td>
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**UNDERSTORY/ORNAMENTAL TREES**

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Size</th>
<th>Form</th>
<th>Notes/Spacing</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACRG</td>
<td>Acer griseum</td>
<td>Paperbark maple</td>
<td>2” Cal.</td>
<td>B&amp;B</td>
<td>Well-branched, single central leader</td>
<td>8</td>
</tr>
<tr>
<td>AMEL</td>
<td>Amelanchier x grandiflora ‘Autumn Brilliance’</td>
<td>Autumn Brilliance serviceberry</td>
<td>2” Cal.</td>
<td>B&amp;B</td>
<td>Well-branched, single central leader</td>
<td></td>
</tr>
<tr>
<td>SYRR</td>
<td>Syringa reticulata &quot;Ivory Silk&quot;</td>
<td>Ivory Silk Japanese tree lilac</td>
<td>2” Cal.</td>
<td>B&amp;B</td>
<td>Well-branched, single central leader</td>
<td></td>
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</tbody>
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**PERENNIALS/ORNAMENTAL GRASSES/GROUNDCOVERS**

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Size</th>
<th>Form</th>
<th>Notes/Spacing</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS</td>
<td>Amsonia tabernaemontana ‘Blue Ice’</td>
<td>Blue Ice blue star</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 18” O.C.</td>
<td>188</td>
</tr>
<tr>
<td>CAL</td>
<td>Calamagrostis x acutiflora ‘Karl Foerster’</td>
<td>Karl Foerster feather reed grass</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 24” O.C.</td>
<td>260</td>
</tr>
<tr>
<td>CBR</td>
<td>Calamagrostis brachytricha</td>
<td>Korean feather grass</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 30” O.C.</td>
<td>88</td>
</tr>
<tr>
<td>CRX</td>
<td>Carex montana</td>
<td>Mountain sedge</td>
<td>38-cell</td>
<td>Flatt</td>
<td>Well-rooted, 12” O.C.</td>
<td>35</td>
</tr>
<tr>
<td>ECH</td>
<td>Echinacea purpurea ‘Purple Coneflower’</td>
<td>Purple Coneflower</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 18” O.C.</td>
<td>17</td>
</tr>
<tr>
<td>HSD</td>
<td>Hemerocallis ‘Stella d’Oro’</td>
<td>Stella d’Oro daylily</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 18” O.C.</td>
<td>189</td>
</tr>
<tr>
<td>LEY</td>
<td>Leymus arenarius</td>
<td>Blue Dune wild rye</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 24” O.C.</td>
<td>192</td>
</tr>
<tr>
<td>LIR</td>
<td>Liriope spicata</td>
<td>Creeping with turf</td>
<td>38-cell</td>
<td>Flatt</td>
<td>Well-rooted, 12” O.C.</td>
<td>135</td>
</tr>
<tr>
<td>NEP</td>
<td>Nepeta x faassenii ‘Walker’s Low’</td>
<td>Walker’s Low catmint</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 24” O.C.</td>
<td>116</td>
</tr>
<tr>
<td>PAN</td>
<td>Panicum virgatum ‘Shenandoah’</td>
<td>Shenandoah switchgrass</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 30” O.C.</td>
<td>121</td>
</tr>
<tr>
<td>RUD</td>
<td>Rudbeckia fulgida ‘Goldsturm’</td>
<td>Goldsturm black-eyed Susan</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 18” O.C.</td>
<td>20</td>
</tr>
<tr>
<td>SES</td>
<td>Sesleria autumnalis</td>
<td>Autumn foam grass</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 12” O.C.</td>
<td>396</td>
</tr>
<tr>
<td>SL</td>
<td>Silphium terebinthinaceum</td>
<td>Prairie dock</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 24” O.C.</td>
<td>8</td>
</tr>
<tr>
<td>SPO</td>
<td>Sporobolus heterolepis</td>
<td>Prairie dropseed</td>
<td>No. 1</td>
<td>Cont.</td>
<td>Well-rooted, 24” O.C.</td>
<td>261</td>
</tr>
</tbody>
</table>
MATCHLINE, SHEET C.6.01
MATCHLINE, SHEET C.6.02
MATCHLINE, SHEET C.6.03

Know what's below. Call before you dig.