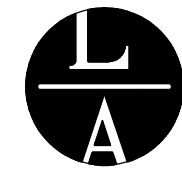
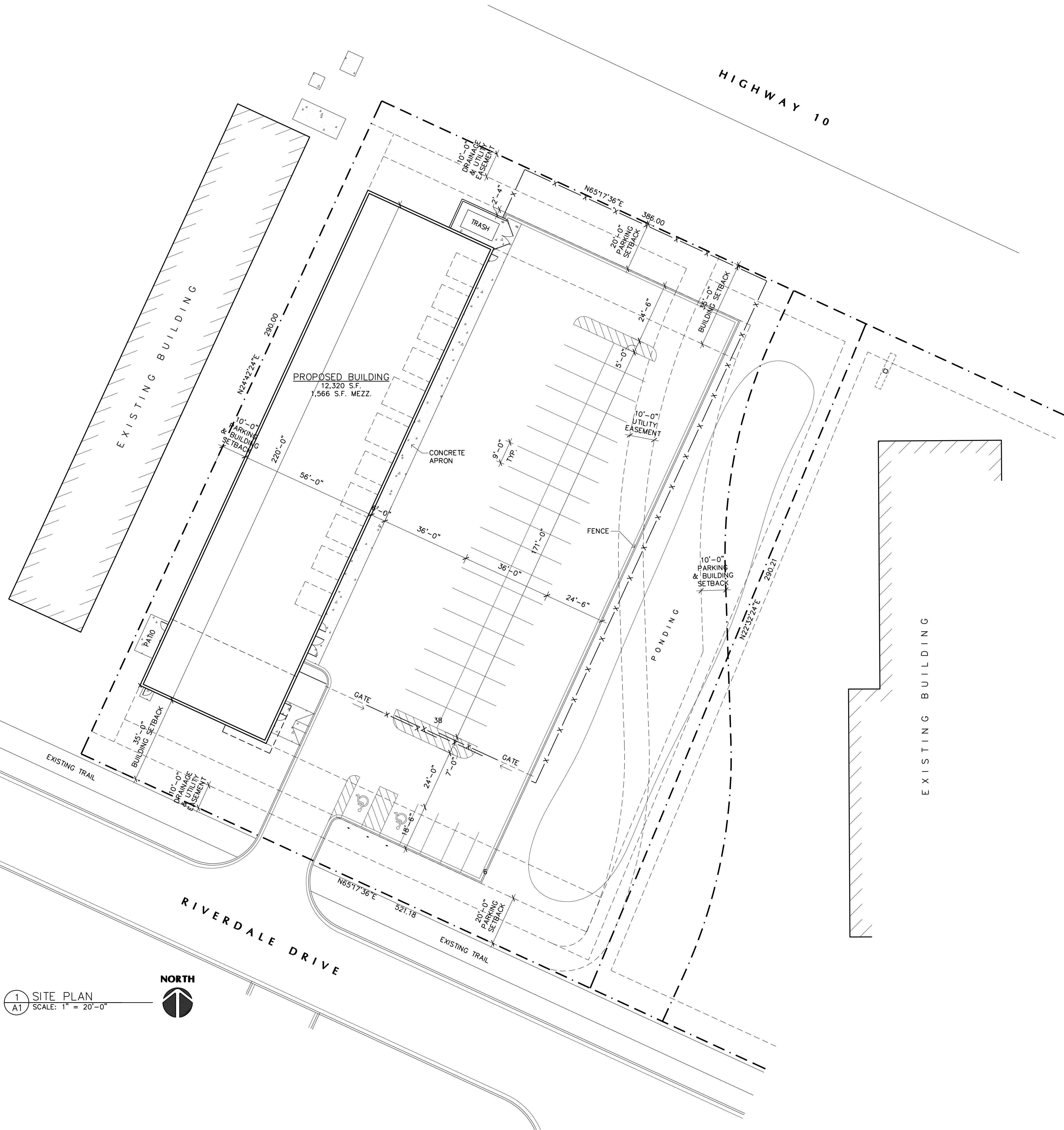


Filename: Blue Line Collision\Blue Line Collision - A1.dwg

1 SITE PLAN  
A1 SCALE: 1" = 20'-0"



LAMPERT ARCHITECTS

420 Summit Avenue  
St. Paul, MN 55102  
Phone: 763.755.1211 Fax: 763.757.2849  
lampert@lampert-arch.com

ARCHITECT CERTIFICATION:  
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SPECIFICATION OR REPORT WAS  
PREPARED BY ME OR UNDER MY DIRECT  
SUPERVISION AND THAT I AM A DULY  
LICENSED ARCHITECT UNDER THE  
LAWS OF THE STATE OF MINNESOTA.

**PRELIMINARY**  
**NOT FOR**  
**CONSTRUCTION**

LEONARD LAMPERT  
PRINT  
13669  
LICENSED ARCHITECT  
STATE OF MINNESOTA

**Kinghorn**  
COMPANY  
GENERAL CONTRACTORS  
21830 Industrial Court  
Rogers, MN 55374  
Tel: 763-428-8088  
Fax: 763-428-8090

**BLUE LINE COLLISION**  
Ramsey, Minnesota

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Leonard Lampert Architects Inc.

Project Designer: L. SCHMIDT

Drawn By: LLS

Checked By: LL

Revisions

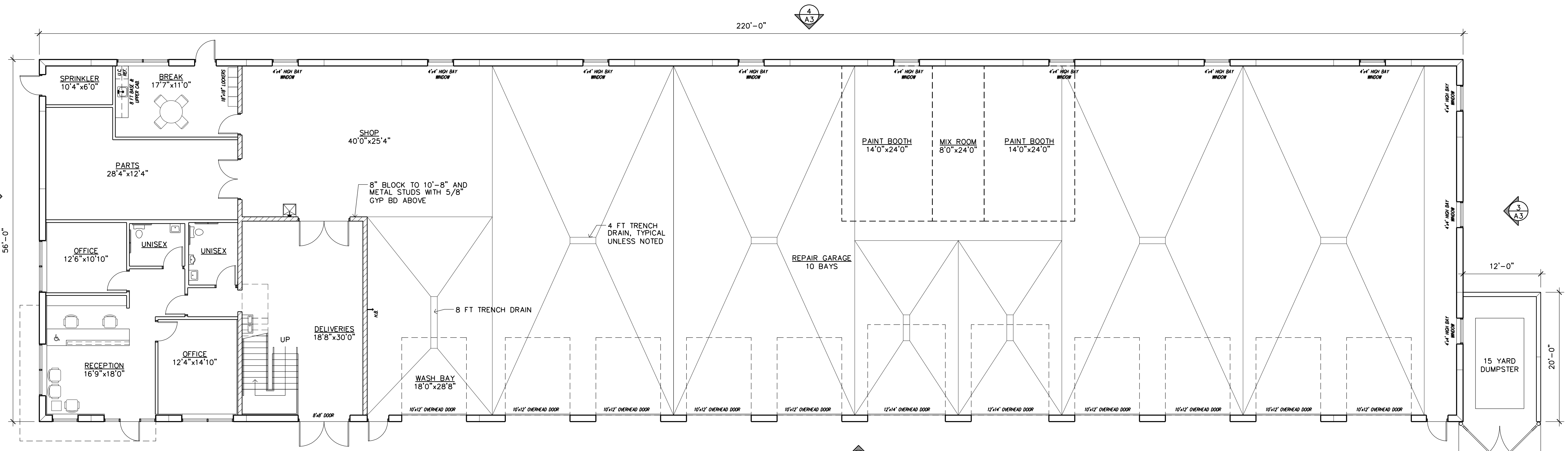
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7/8/22	PRELIMINARY

SITE PLAN

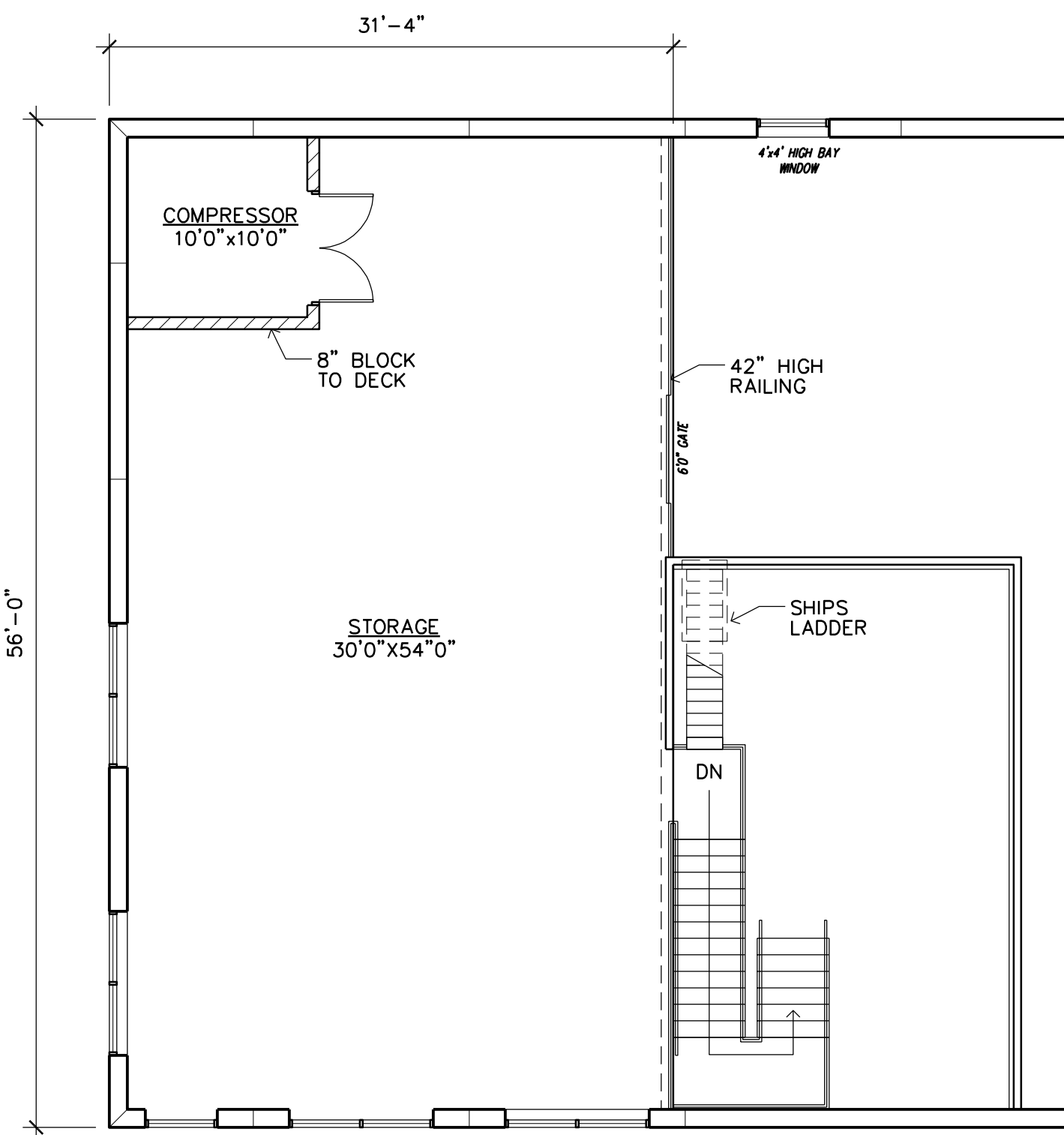
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**A1**

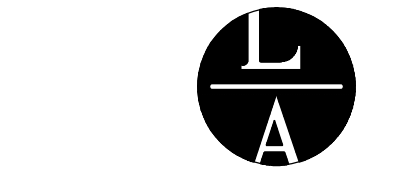
Project No. 211222-1



1 FLOOR PLAN  
SCALE: 1/8" = 1'-0"



2 MEZZANINE PLAN  
SCALE: 1/8" = 1'-0"



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Ramsey, Minnesota

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Checked By: LL

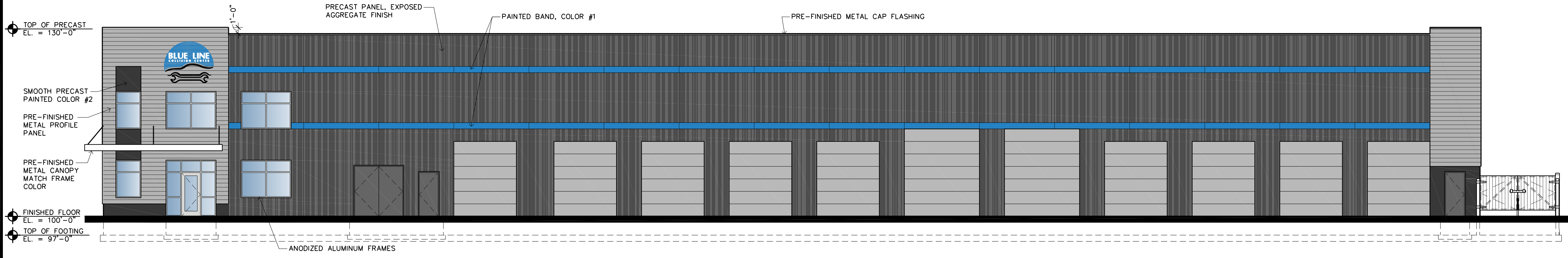
Revisions	Date	Description
7/8/22	PRELIMINARY	

FLOOR PLAN

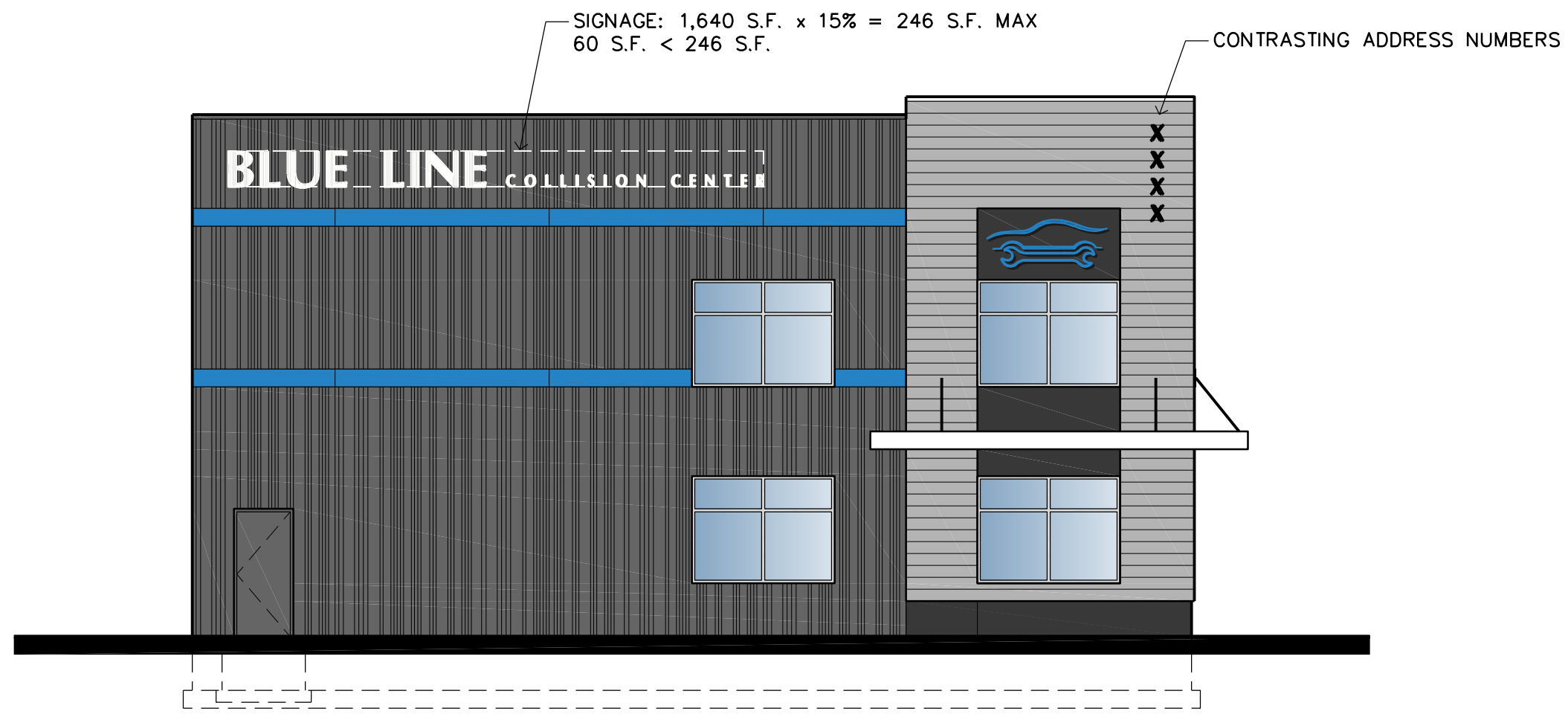
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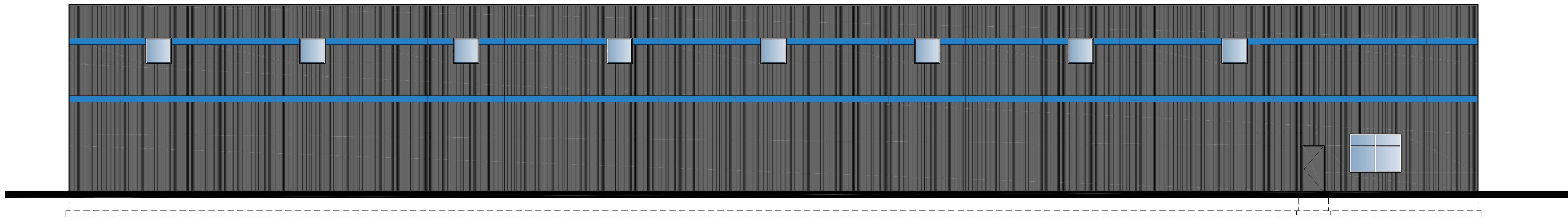
Project No. 211222-1



1 EAST ELEVATION  
A3 SCALE: 1/8" = 1'-0"

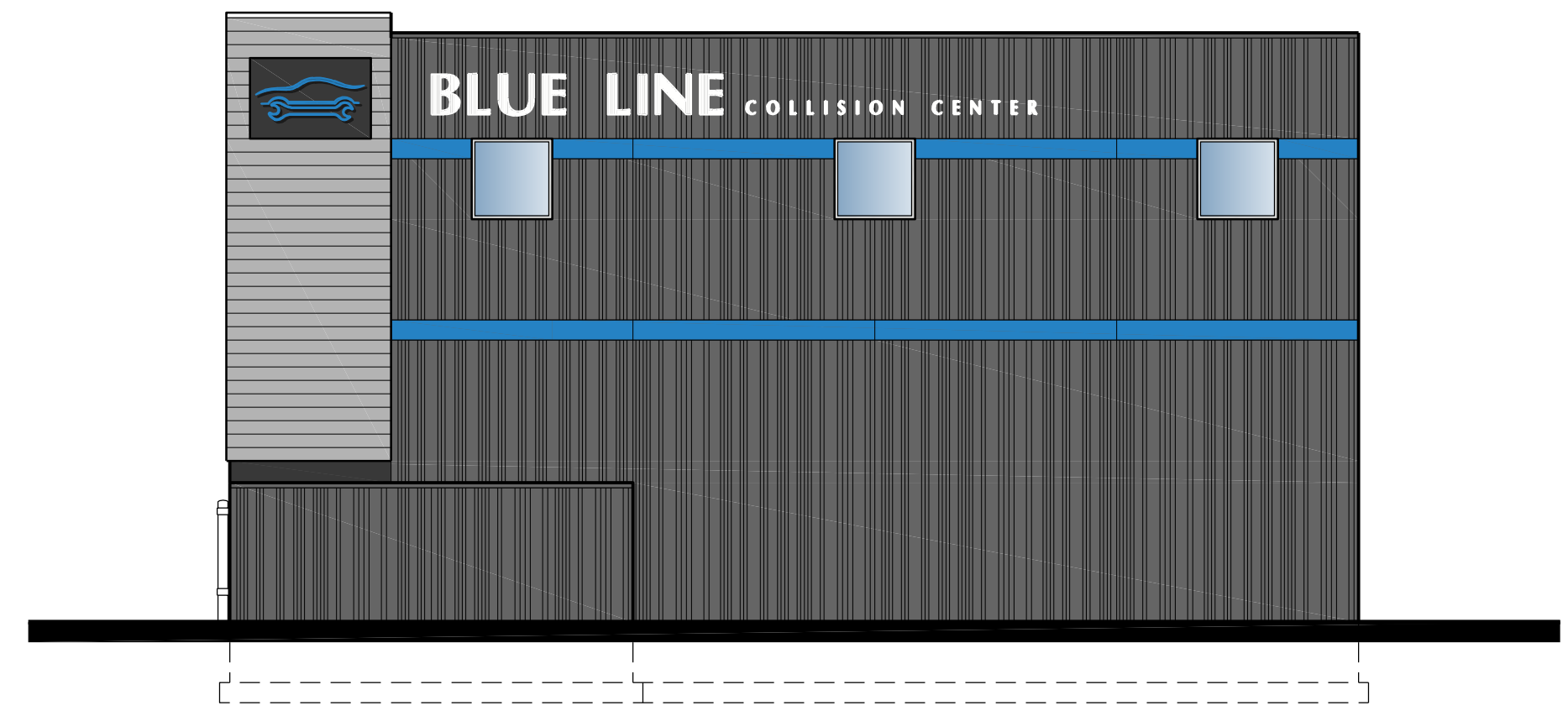


2 SOUTH ELEVATION  
A3 SCALE: 1/8" = 1'-0"

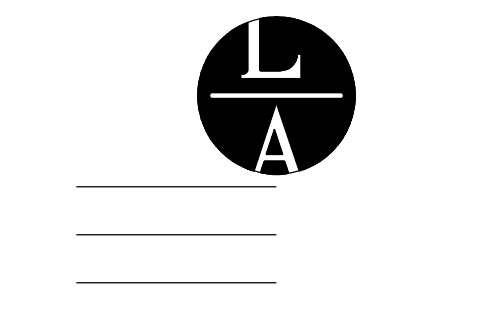


4 WEST ELEVATION  
A3 SCALE: 1/8" = 1'-0"

3 NORTH ELEVATION  
A3 SCALE: 1/8" = 1'-0"



Filename: Blue Line Collision\Blue Line Collision - A3.dwg



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NOT FOR CONSTRUCTION

Kinghorn COMPANY

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Rogers, MN 55374  
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Drawn By: LLS  
Checked By: LL

Revisions	
7/8/22	PRELIMINARY

BUILDING ELEVATIONS

Sheet Number

A3

Project No. 211222-1

# BLUE LINE COLLISION CENTER

## SITE DEVELOPMENT PLANS FOR KINGHORN CONSTRUCTION IN THE CITY OF RAMSEY

### GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN FOR STORM SEWER AND PARKING LOT WORK.

THE 2018 EDITION OF THE CITY ENGINEER'S ASSOCIATION OF MINNESOTA "STANDARD SPECIFICATIONS" SHALL GOVERN FOR SANITARY SEWER AND WATERMAIN WORK.

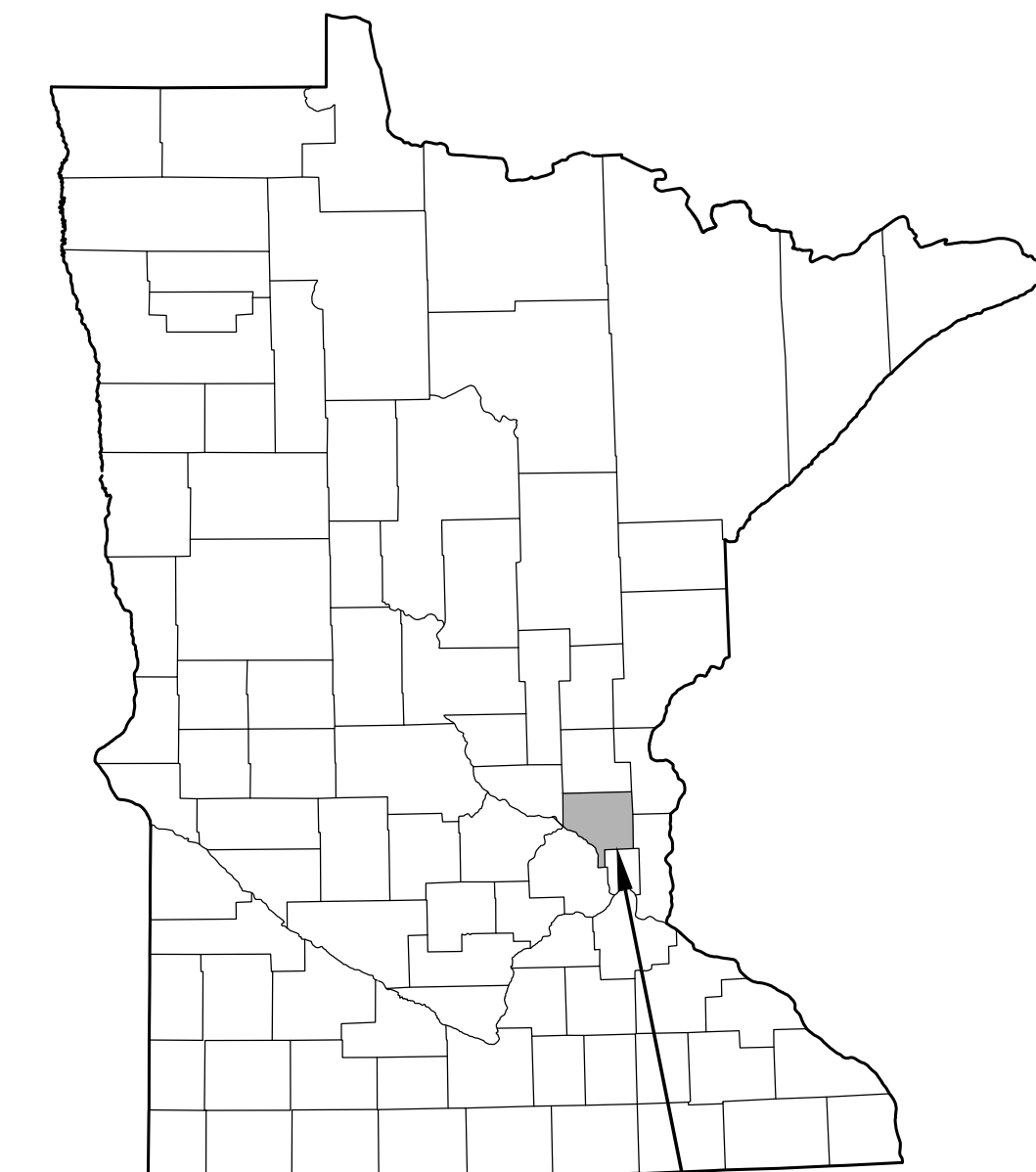
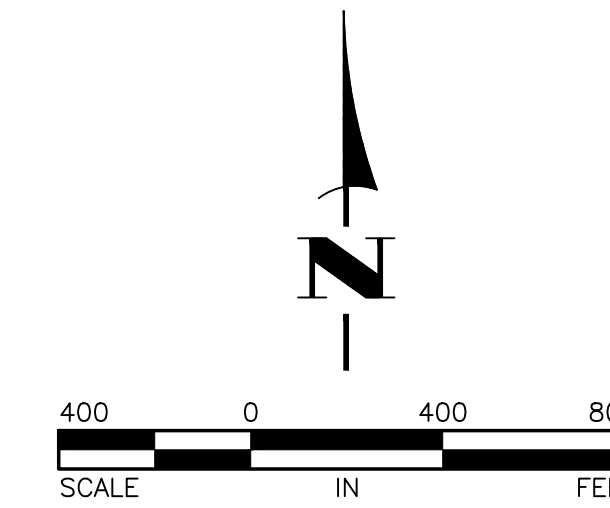
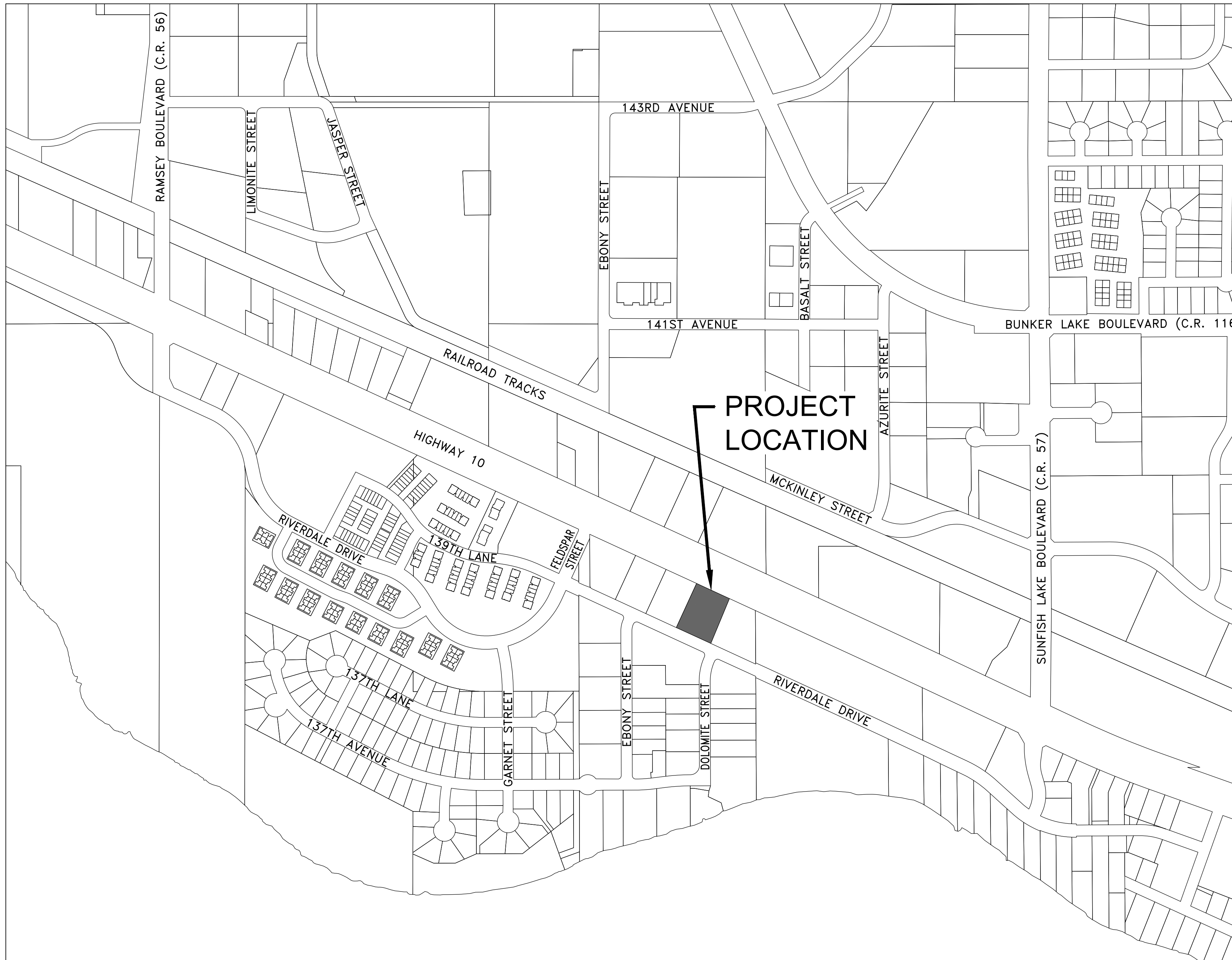
ALL FEDERAL, STATE AND LOCAL LAWS, REGULATIONS, AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

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

#### SHEET INDEX

THIS PLAN CONTAINS 12 SHEETS

SHEET NO.	DESCRIPTION
C1	TITLE SHEET
C2	CONSTRUCTION NOTES AND DETAILS
C3-C5	DETAILS
C6	EXISTING TOPOGRAPHY AND REMOVALS PLAN
C7	GRADING, DRAINAGE AND SEDIMENT CONTROL PLAN
C8	STAKING PLAN
C9	UTILITY PLAN
C10	PAVING AND RESTORATION PLAN
L1	LANDSCAPE PLAN
L2	PLANTING DETAILS & LANDSCAPE SPECS.



CITY OF RAMSEY,  
ANOKA COUNTY,  
MINNESOTA

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."

**BENCHMARK:**

1. TOP NUT OF HYDRANT LOCATED IN THE NORTHWEST CORNER OF RIVERDALE DRIVE AND DOLOMITE STREET.  
ELEVATION=863.84 (NAVD 88)
2. TOP NUT OF HYDRANT LOCATED IN THE SOUTHEAST CORNER OF RIVERDALE DRIVE AND EBONY STREET.  
ELEVATION=861.25 (NAVD 88)

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.

*Tim Eggerichs*  
TIMOTHY A. EGGERICHS, P.E.  
HAKANSON ANDERSON  
DESIGN ENGINEER

43362 DATE 7/13/22  
LIC. NO.

DATE	REVISION



Civil Engineers and Land Surveyors  
3601 Thurston Ave., Anoka, Minnesota 55303  
763-427-5860 FAX 763-427-0520

GENERAL CONSTRUCTION AND SOILS NOTES:

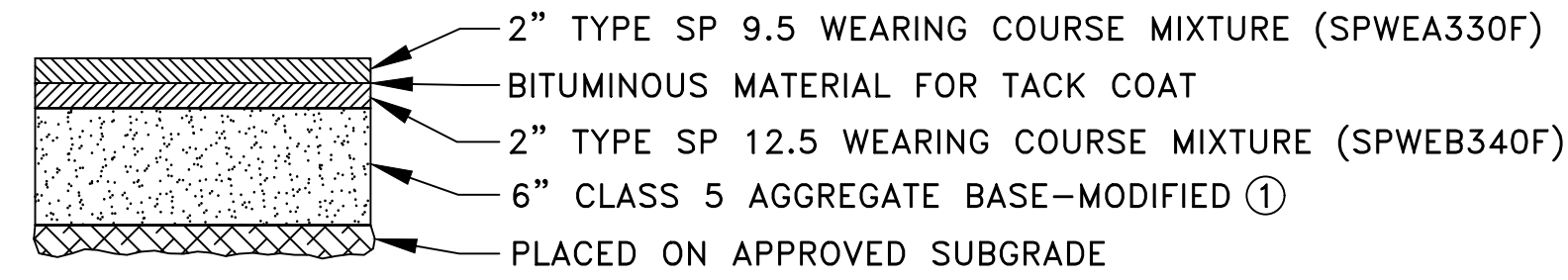
- STRIP ALL INPLACE TOPSOIL IN AREAS TO BE DISTURBED BY CONSTRUCTION AND REUSE AS SLOPE DRESSING. IN AREAS OF PARKING LOT AND BUILDING CONSTRUCTION, THE EXPOSED SAND SHALL BE SURFACE COMPACTED TO AT LEAST 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY, ASTM D698, IN AT LEAST THE UPPER 3 FEET.
- UNLESS OTHERWISE RECOMMENDED IN THESE PLANS, THE GRADING SUBGRADE SHALL BE CONSTRUCTED OF SUITABLE GRADING MATERIAL. THE FILL SHALL BE PLACED IN 8" TO 10" LOOSE LIFTS, AND COMPACTED TO 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY.
- SUITABLE GRADING MATERIAL FOR THIS PROJECT SHALL CONSIST OF ALL SOILS ENCOUNTERED WITH THE EXCEPTION OF TOPSOIL, SILT, DEBRIS, ORGANIC MATERIAL AND OTHER UNSTABLE MATERIAL.
- CONTRACTOR SHALL REVIEW THE REPORT OF GEOTECHNICAL EXPLORATION, PREPARED BY AMERICAN ENGINEERING TESTING AND DATED APRIL 21, 2022, FOR ADDITIONAL SITE PREPARATION REQUIREMENTS.
- PROVIDE A SAW CUT WHEN PLACING NEW PAVEMENT ADJACENT TO INPLACE PAVEMENT AND AT TERMINI OF CONSTRUCTION TO ENSURE A UNIFORM JOINT.
- BITUMINOUS AND CONCRETE ITEMS DISTURBED BY CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH MN/DOT SPEC. 2104.
- USE TACK COAT BETWEEN ALL BITUMINOUS MIXTURES. THE BITUMINOUS TACK COAT MATERIAL SHALL BE APPLIED AT A UNIFORM RATE OF 0.04 GAL/SY TO 0.06 GAL/SY BETWEEN BITUMINOUS LAYERS. THE APPLICATION RATES ARE FOR UNDILUTED EMULSIONS.
- THE BITUMINOUS MIXTURES SHALL MEET THE REQUIREMENTS OF SPECIFICATIONS 2360 AND 3139.
- CONTRACTOR SHALL APPLY FOR A DEPARTMENT OF LABOR AND INDUSTRY PERMIT PRIOR TO CONSTRUCTING ANY UNDERGROUND UTILITIES SHOWN ON THESE PLANS. CONTRACTOR SHALL ADDRESS ALL THE COMMENTS FROM THE DEPARTMENT OF LABOR AND INDUSTRY AS PART OF THE PERMIT APPLICATION PROCESS.

GENERAL EROSION CONTROL NOTES:

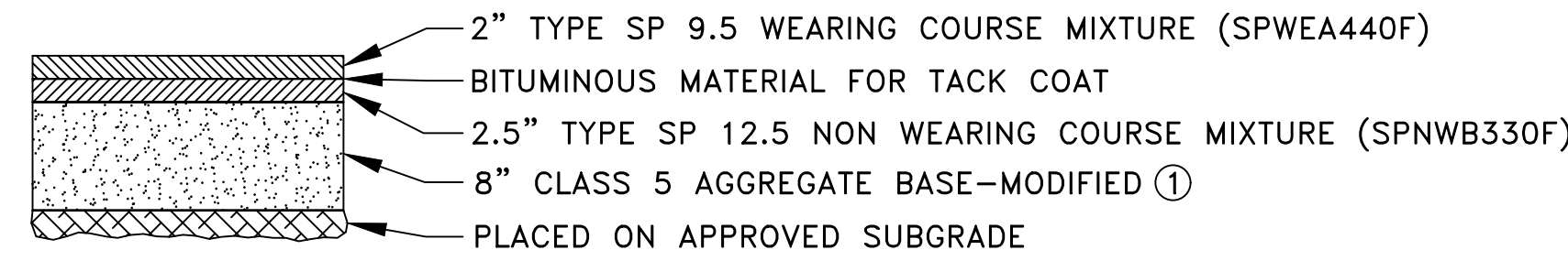
- EROSION CONTROL SHALL CONFORM TO THE MN/DOT EROSION CONTROL HANDBOOK.
- PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ACQUIRE THE MPCA NPDES CONSTRUCTION STORMWATER GENERAL PERMIT. A COPY OF THE PERMIT SHALL BE SUBMITTED TO THE CITY PRIOR TO THE PRECONSTRUCTION MEETING.
- THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL FACILITIES (BMP'S) PRIOR TO GRADING AND REMOVAL ACTIVITIES. BMP'S SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION ACTIVITIES AND POTENTIAL FOR EROSION HAS PASSED.
- THE CONTRACTOR SHALL SCHEDULE HIS OPERATION TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY GIVEN TIME.
- BMP'S SHALL BE INSPECTED DAILY BY THE CONTRACTOR. OBSERVATIONS SHALL BE RECORDED IN AN INSPECTION LOG. WEEKLY INSPECTION LOGS AND INSPECTION LOGS AFTER EVERY 1/2" RAIN EVENT SHALL BE SUBMITTED TO THE CITY INSPECTOR.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION.
- THE CONTRACTOR SHALL FILE A NOTICE OF TERMINATION WITH THE MPCA AFTER FINAL STABILIZATION HAS BEEN APPROVED. THE CITY SHALL REVIEW AND APPROVE THE NOTICE OF TERMINATION PRIOR TO SUBMITTAL TO THE MPCA.

REFERENCE NOTES:

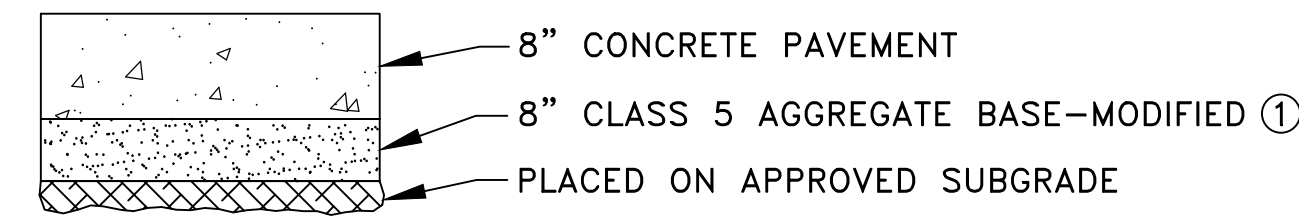
- SEE CITY PLATE NO. STR-26 FOR MODIFIED CLASS 5 AGGREGATE BASE SPECIFICATIONS.
- INLET PROTECTION SHALL BE INSTALLED ON ALL CASTINGS RECEIVING RUNOFF FROM THE PROJECT AREA. INLET PROTECTION SHALL BE INSTALLED ON EXISTING, OFF SITE CASTINGS PRIOR TO THE START OF CONSTRUCTION. WIMCO MODEL CG 3067 IS SHOWN.
- CONTRACTOR SHALL PROTECT THE INFILTRATION BASIN WITH 48" HIGH ORANGE SAFETY FENCE PRIOR TO THE START OF CONSTRUCTION.
- CONSTRUCTION EQUIPMENT SHALL BE MINIMIZED OVER THE FOOTPRINT OF THE BASIN. ONLY LOW PRESSURE, WIDE TRACKED EQUIPMENT SHALL BE USED FOR CONSTRUCTION.
- INFILTRATION BASINS SHALL NOT BE GRADED TO WITHIN THREE FEET OF THE FINAL GRADES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN CONSTRUCTED AND FULLY STABILIZED OR RIGOROUS EROSION PREVENTION AND SEDIMENT CONTROLS, SUCH AS DIVERSION BERMS, TO KEEP SEDIMENT AND RUNOFF COMPLETELY AWAY FROM THE INFILTRATION AREAS HAVE BEEN PROVIDED.
- THE INFILTRATION RATE FOR THE SOILS IN THE BOTTOM OF THE INFILTRATION BASIN SHALL BE LESS THAN OR EQUAL TO 8.3 INCHES PER HOUR. THE CONTRACTOR MAY HAVE TO AMEND THE SOILS TO MEET THIS REQUIREMENT.



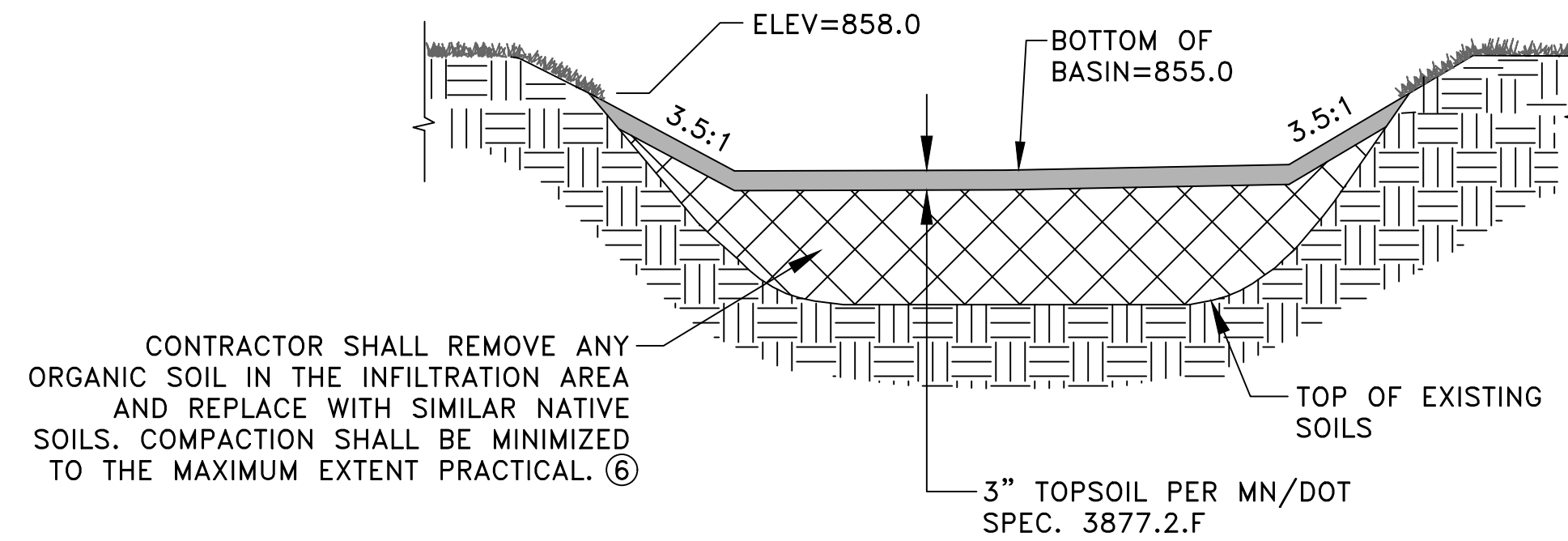
1 LIGHT DUTY BITUMINOUS PAVEMENT SECTION  
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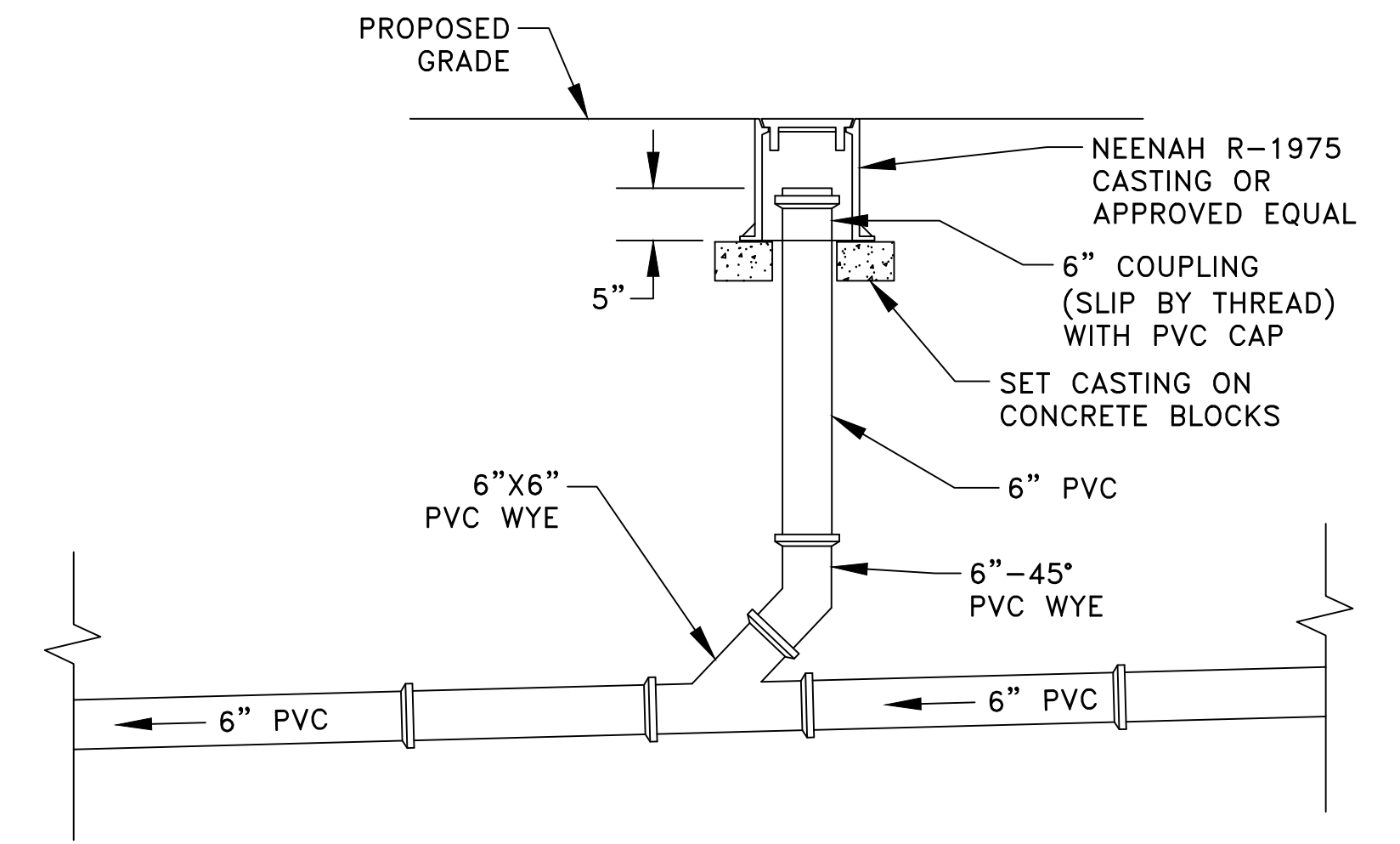
2 HEAVY DUTY BITUMINOUS PAVEMENT SECTION  
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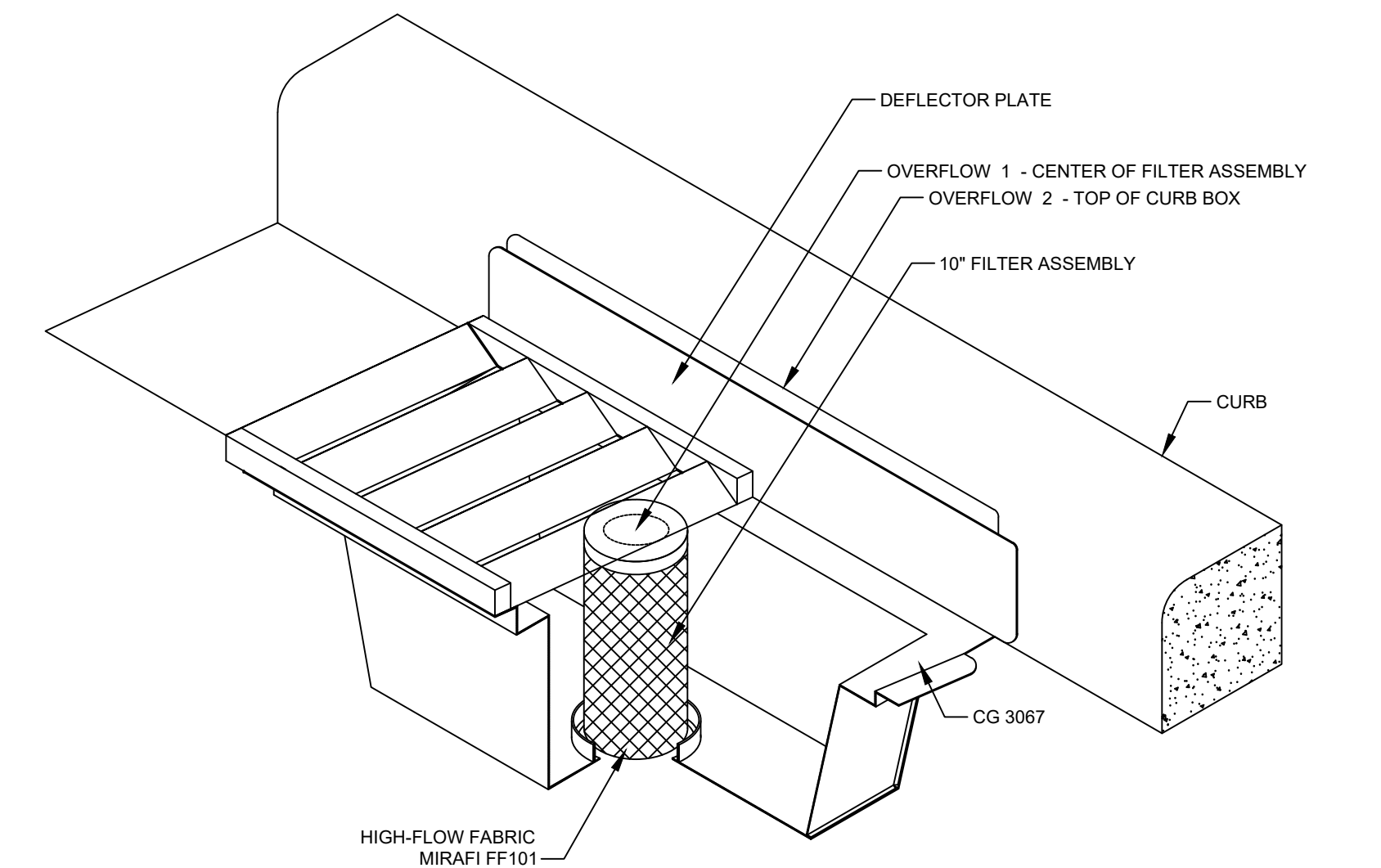
3 CONCRETE PAVEMENT SECTION  
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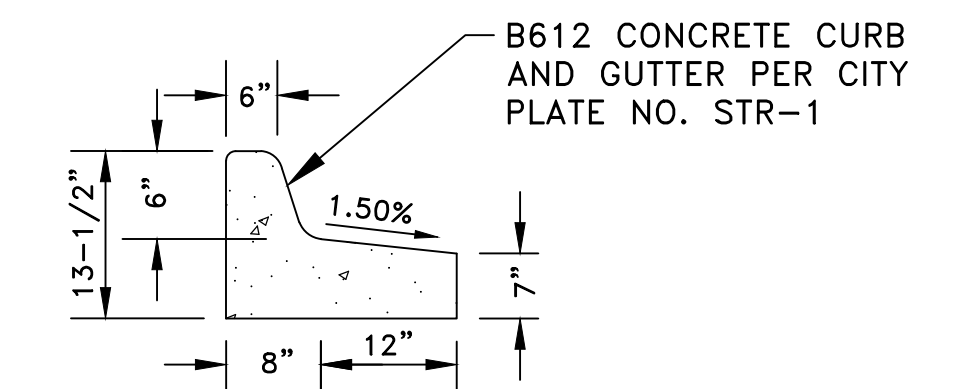
4 INFILTRATION BASIN (3)(4)(5)  
NO SCALE



5 SANITARY SEWER CLEANOUT  
NO SCALE



6 STORM DRAIN INLET PROTECTION (2)  
NO SCALE



7 TIPOUT CURB DETAIL  
NO SCALE

Jul 11, 2022 - 2:57pm K:\PRIVATE\3395.15\ENGINEERING\PLAN DWG\339515\_DETAILS.dwg

DATE	REVISION

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.

*Timothy A. Eggen*  
TIMOTHY A. EGGEN, P.E.  
Date 7/13/22 Lic. No. 43362

DESIGNED BY: TAE  
DRAWN BY: TAE  
CHECKED BY: CJJ

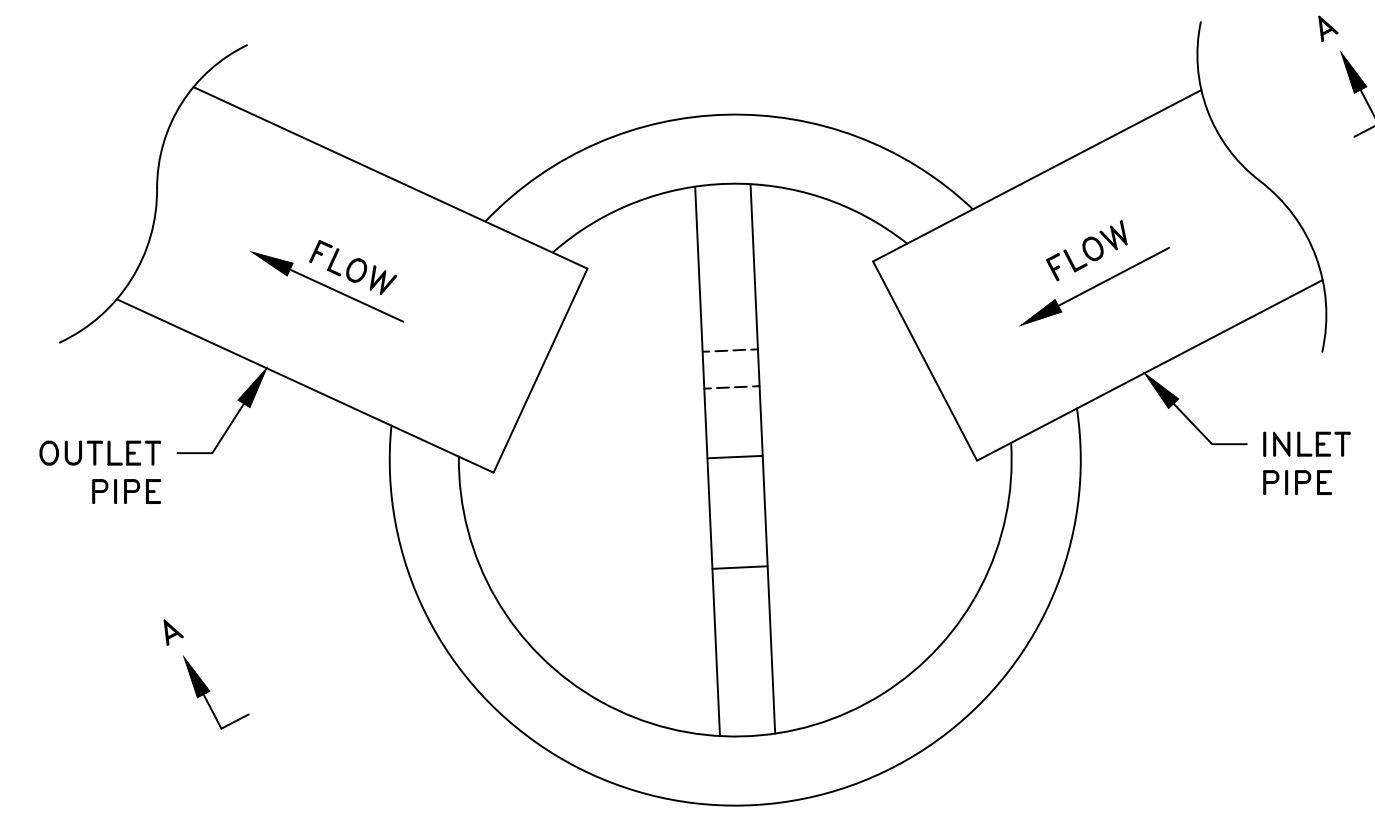


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Civil Engineers and Land Surveyors  
3601 Thurston Ave., Anoka, Minnesota 55303  
763-427-5860 FAX 763-427-0520  
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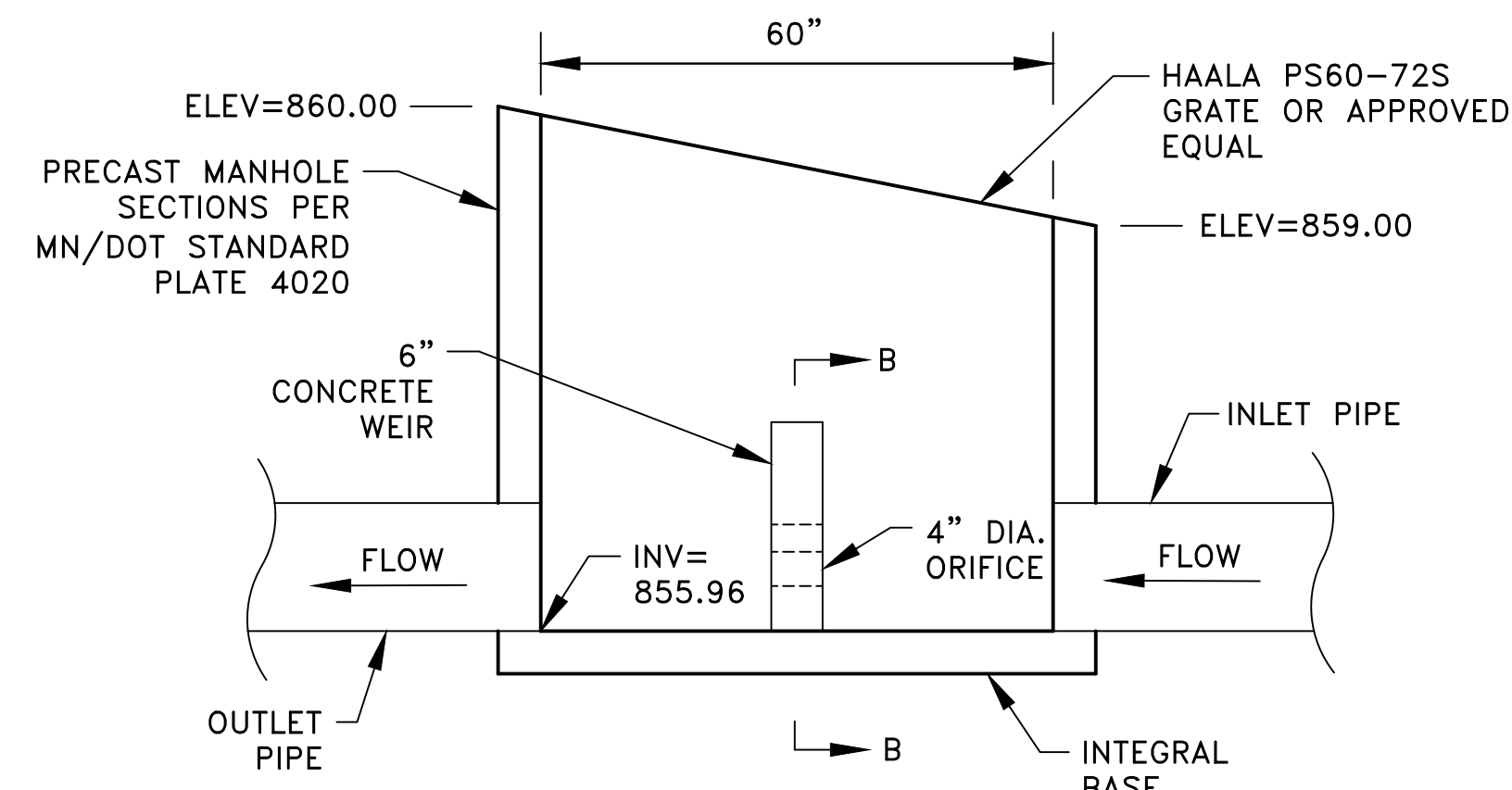
BLUE LINE COLLISION CENTER

CONSTRUCTION NOTES AND  
DETAILS  
CITY OF RAMSEY, MINNESOTA

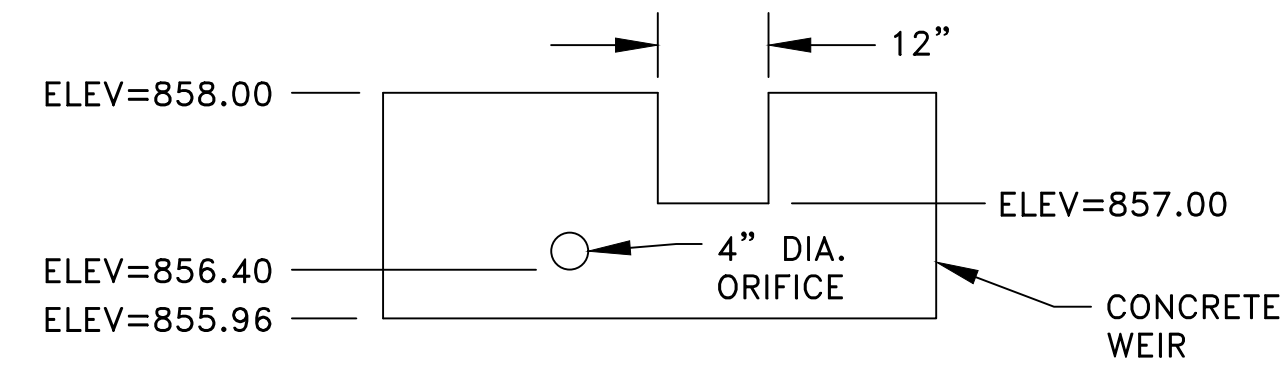
SHEET  
C2  
OF  
C10  
SHEETS



PLAN VIEW

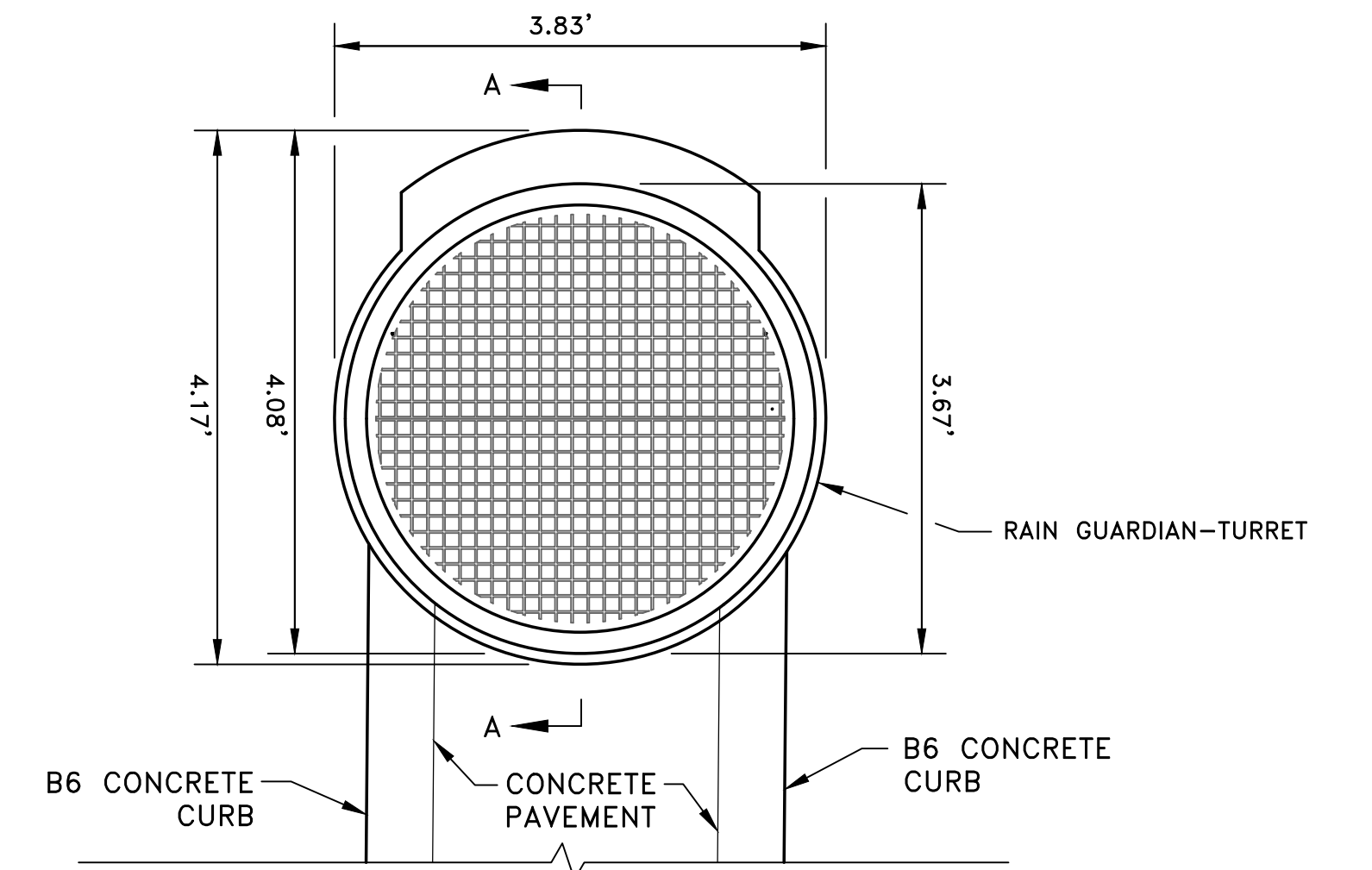


SECTION A-A

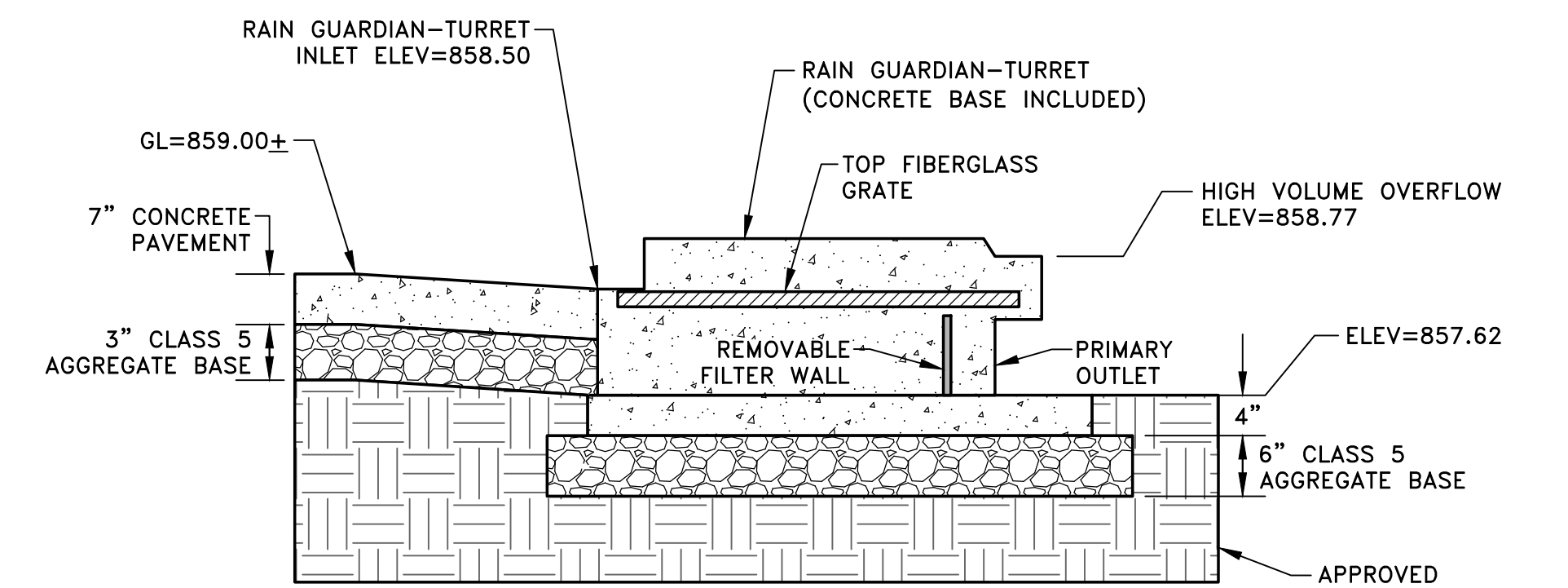


SECTION B-B

1 POND OUTLET STRUCTURE  
C3 NO SCALE



PLAN VIEW



SECTION A-A

2 RAIN GUARDIAN-TURRET DETAILS  
C3 NO SCALE

REFERENCE NOTES:  
 ① SEE THE WEBSITE [www.rainguardian.biz](http://www.rainguardian.biz) FOR ADDITIONAL CONSTRUCTION NOTES AND DETAILS FOR THE RAIN GUARDIAN-TURRET DESIGN.

Jul 11, 2022 - 2:57pm  
 K:\PRIVATE\3395.15\ENGINEERING\PLAN DWG\339515\_DETAILS.dwg

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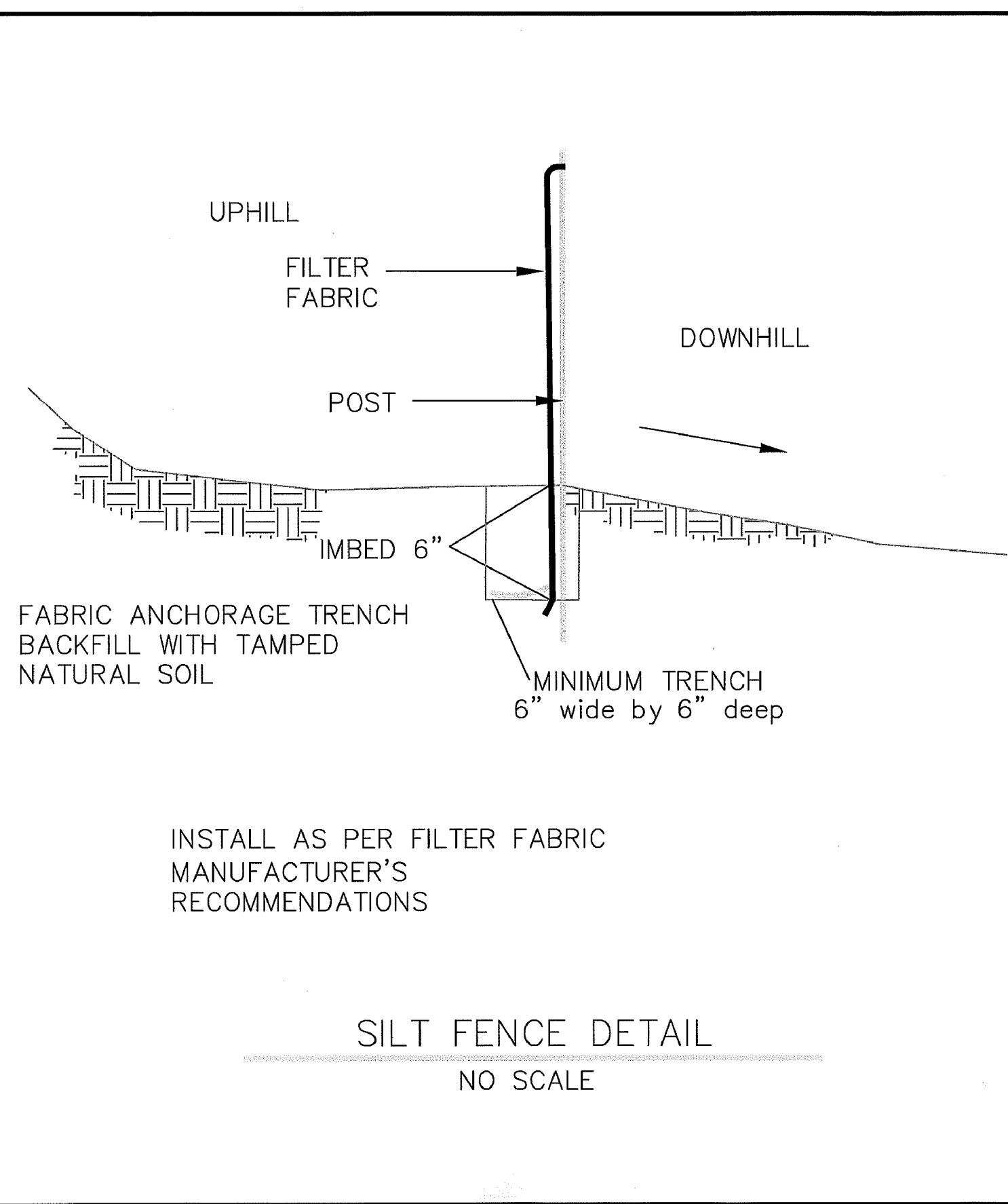


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BLUE LINE COLLISION CENTER

DETAILS  
 CITY OF RAMSEY, MINNESOTA

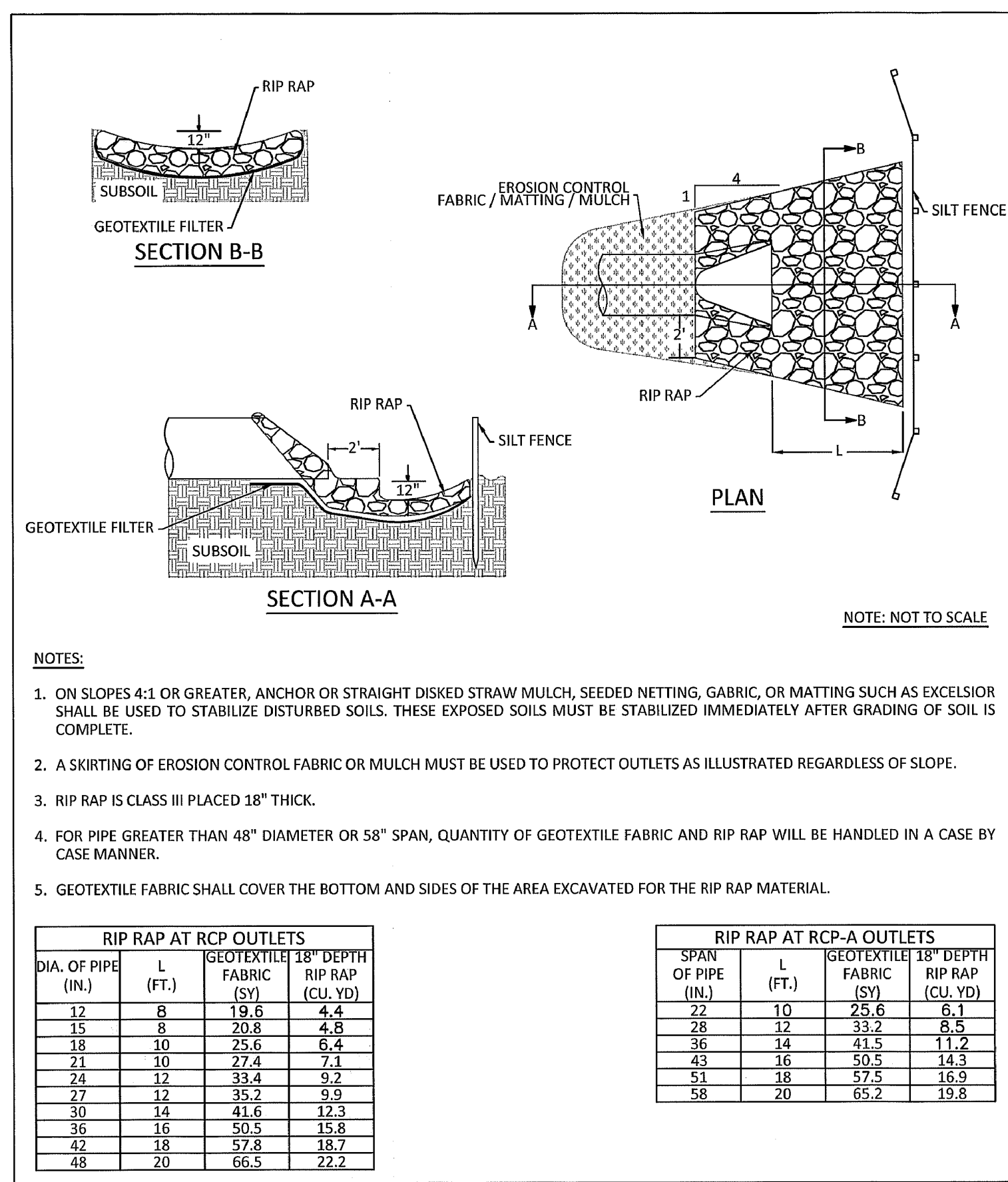
SHEET C3 OF C10 SHEETS



APPROVED: 1 - 2016

**City of RAMSEY**  
CITY PLATE No. ERO-1

STANDARD DETAILS: SILT FENCE



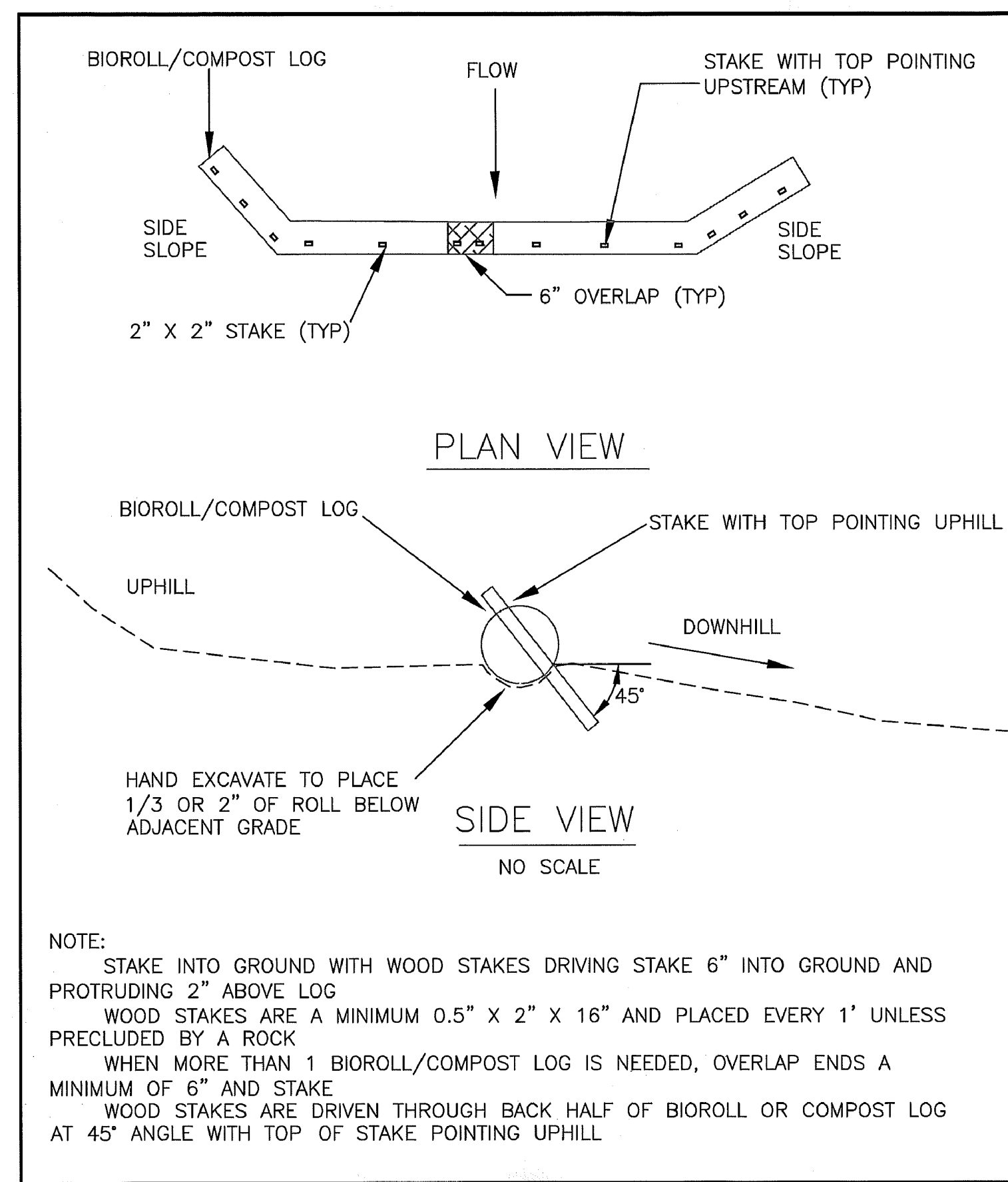
DIAL OF PIPE (IN.)	L (FT.)	GEOTEXTILE FABRIC (SQ. YD.)	18" DEPTH RIP RAP (CU. YD.)
12	8	19.6	4.4
15	8	20.8	4.8
18	10	25.6	6.4
21	10	27.4	7.1
24	12	33.4	9.2
27	12	35.2	9.9
30	14	41.6	12.3
36	16	50.5	15.8
42	18	57.8	18.7
48	20	66.5	22.2

SPAN OF PIPE (IN.)	L (FT.)	GEOTEXTILE FABRIC (SQ. YD.)	18" DEPTH RIP RAP (CU. YD.)
22	10	25.6	6.1
28	12	33.2	8.5
36	14	41.5	11.2
43	16	50.5	14.3
51	18	57.5	16.9
58	20	65.2	19.8

APPROVED: 9 - 2016

**City of RAMSEY**  
CITY PLATE No. ERO-3

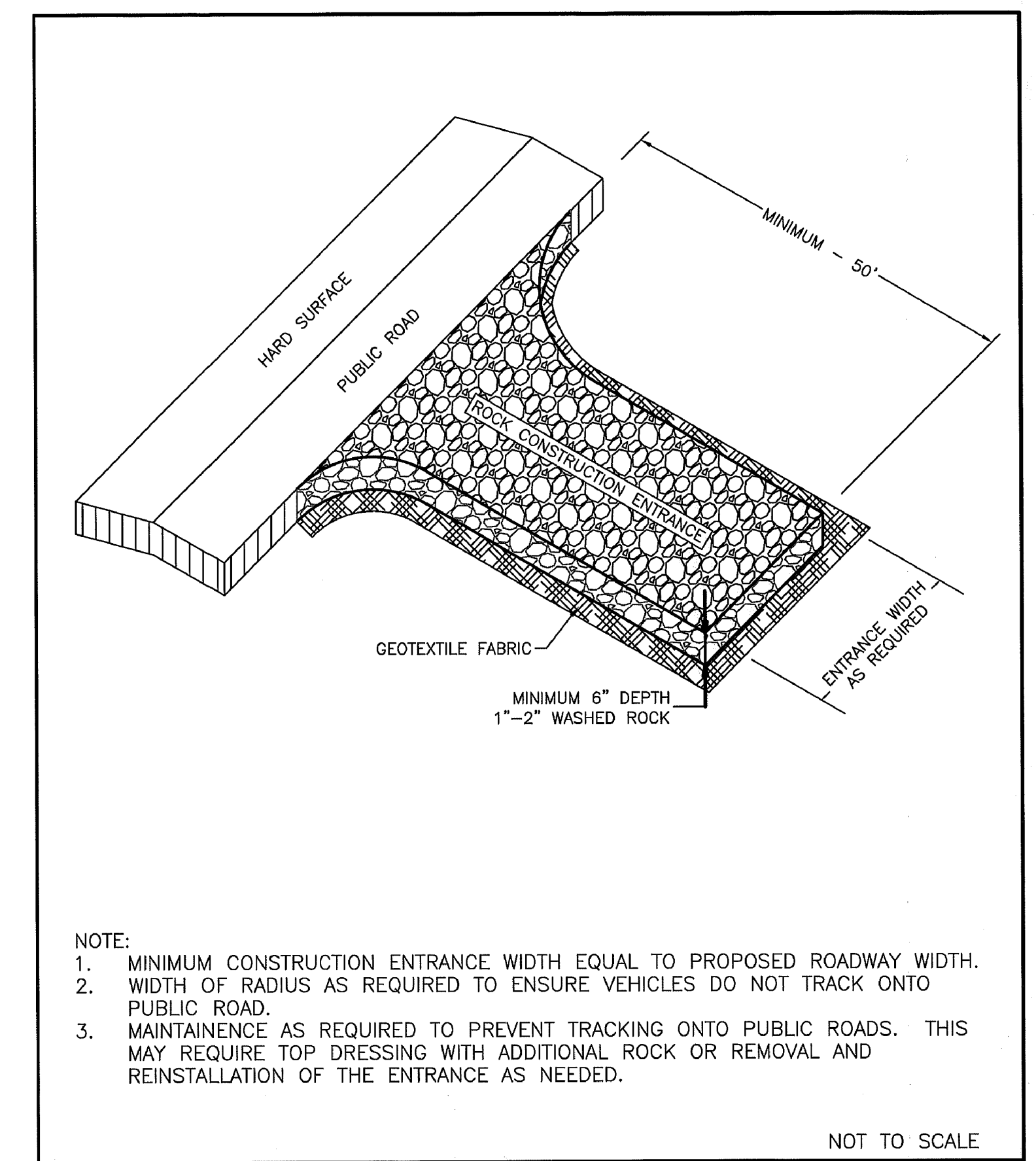
STANDARD DETAILS: RIP-RAP



APPROVED: 3 - 2016

**City of RAMSEY**  
CITY PLATE No. ERO-4

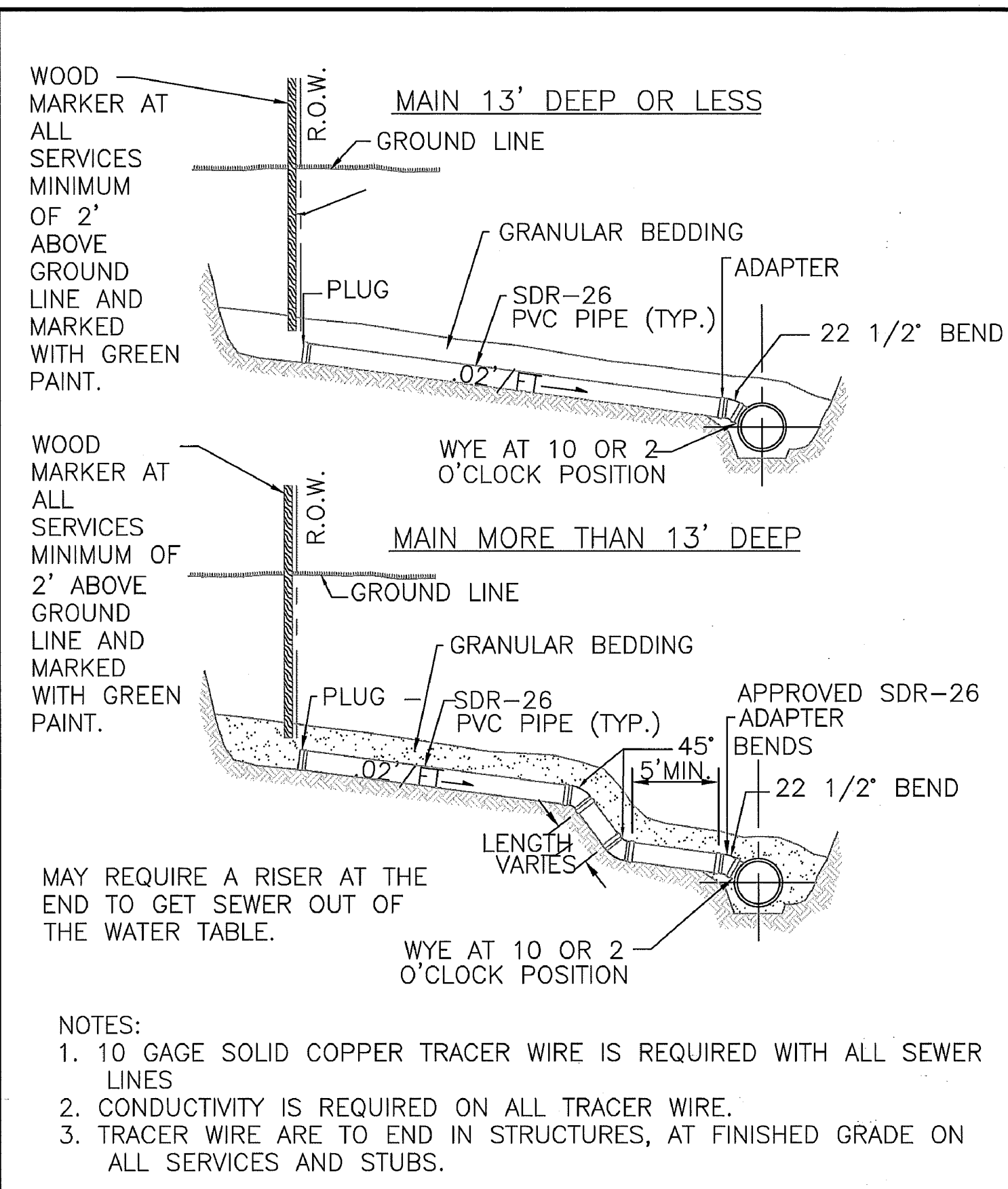
STANDARD DETAILS: BIO ROLL (COMPOST LOG)



APPROVED: 1 - 2016

**City of RAMSEY**  
CITY PLATE No. ERO-5

STANDARD DETAILS: ROCK CONSTRUCTION ENTRANCE



APPROVED: 4 - 2016

**City of RAMSEY**  
CITY PLATE No. SEW-3

STANDARD DETAILS: SANITARY SEWER SERVICE

Jul 11, 2022 - 2:57pm  
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*Timothy A. Eggen*  
TIMOTHY A. EGGEN, P.E.  
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DESIGNED BY: TAE  
DRAWN BY: TAE  
CHECKED BY: CJJ

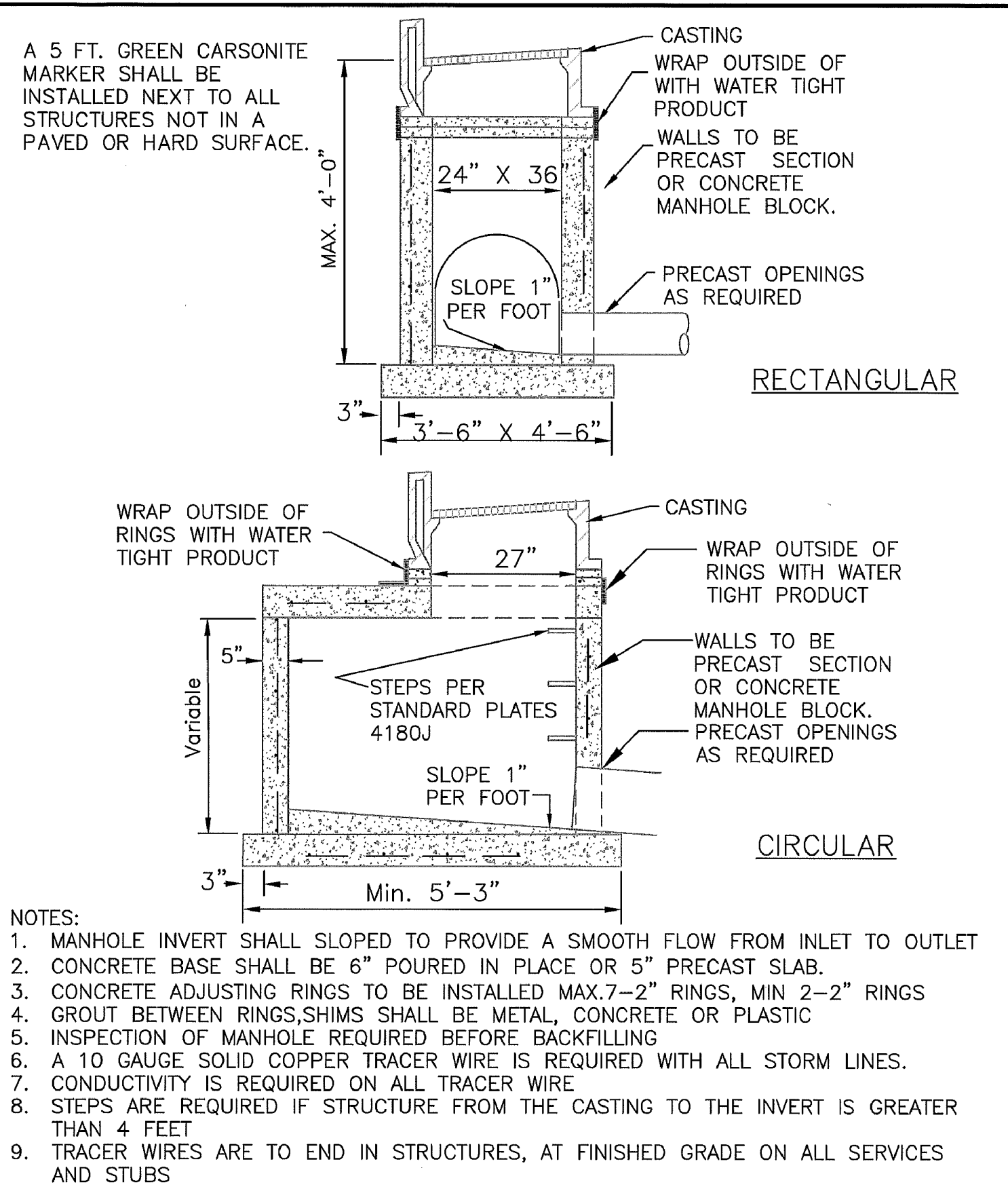


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BLUE LINE COLLISION CENTER

DETAILS  
CITY OF RAMSEY, MINNESOTA

SHEET C4 OF C10 SHEETS  
3395.15

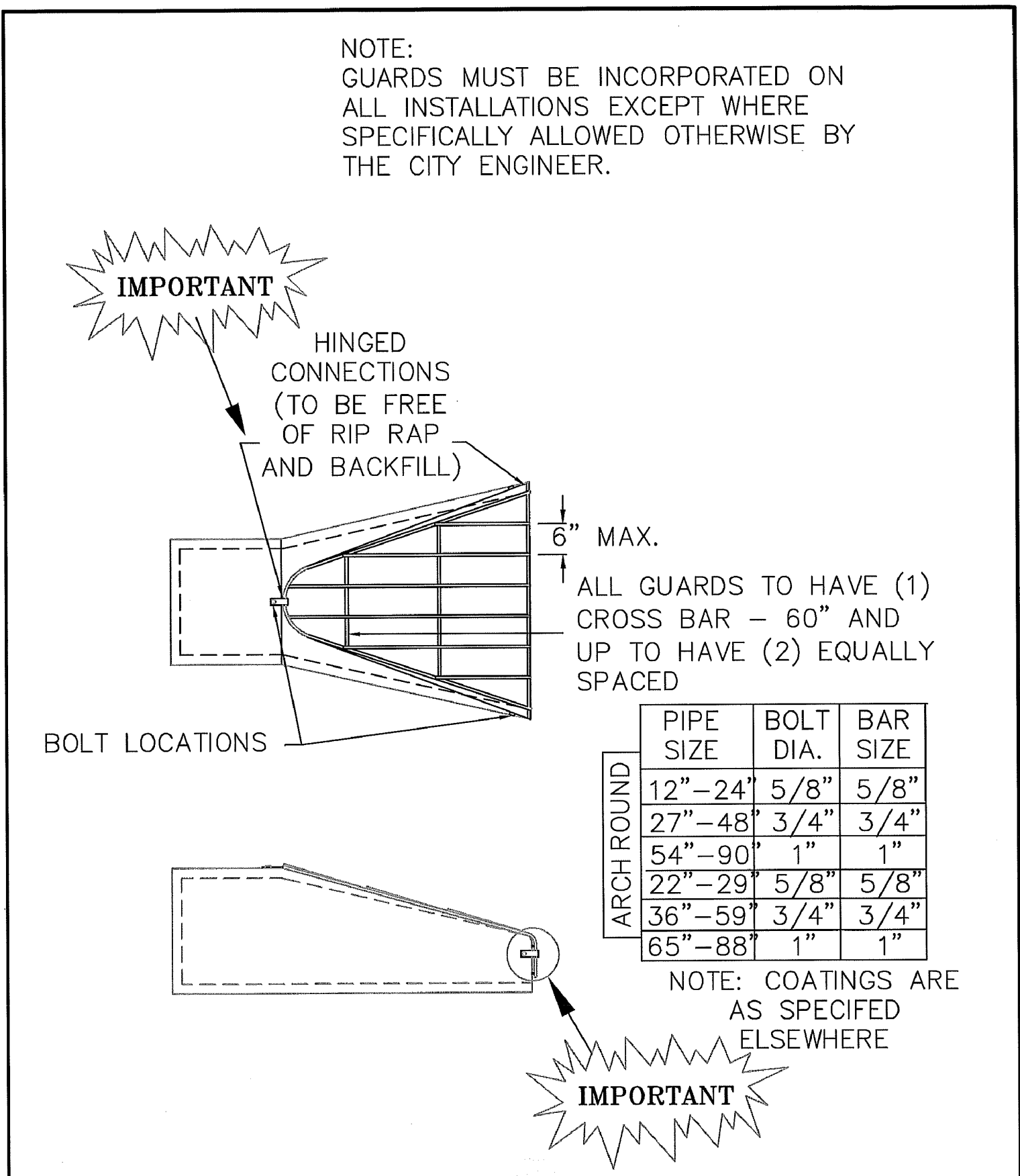


APPROVED: 4 - 2007

**City of RAMSEY**

STANDARD DETAILS: CATCH BASIN

CITY PLATE No. STO-1

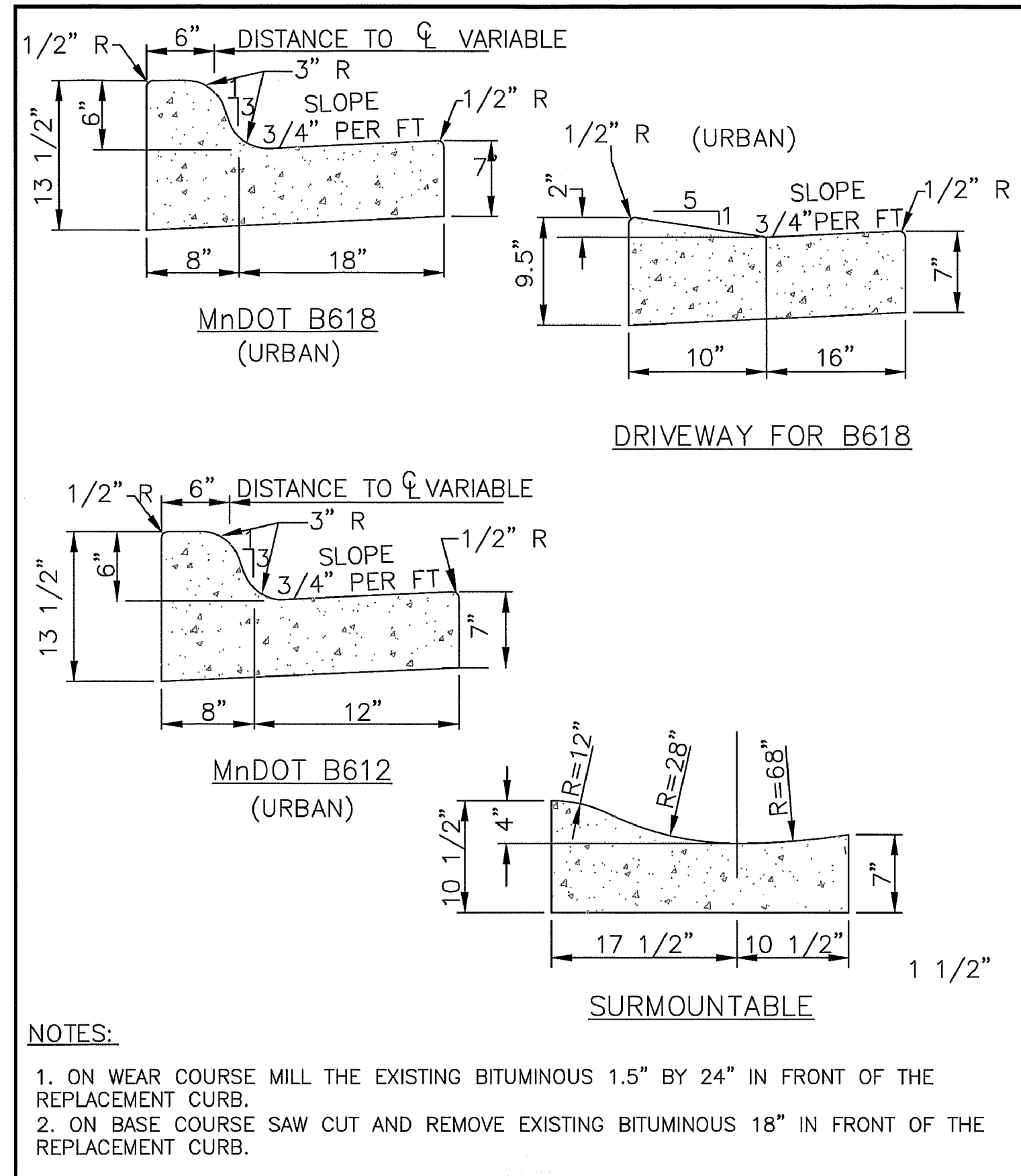


APPROVED: 2 - 2006

**City of RAMSEY**

STANDARD DETAILS: TRASH GUARD

CITY PLATE No. STO-8

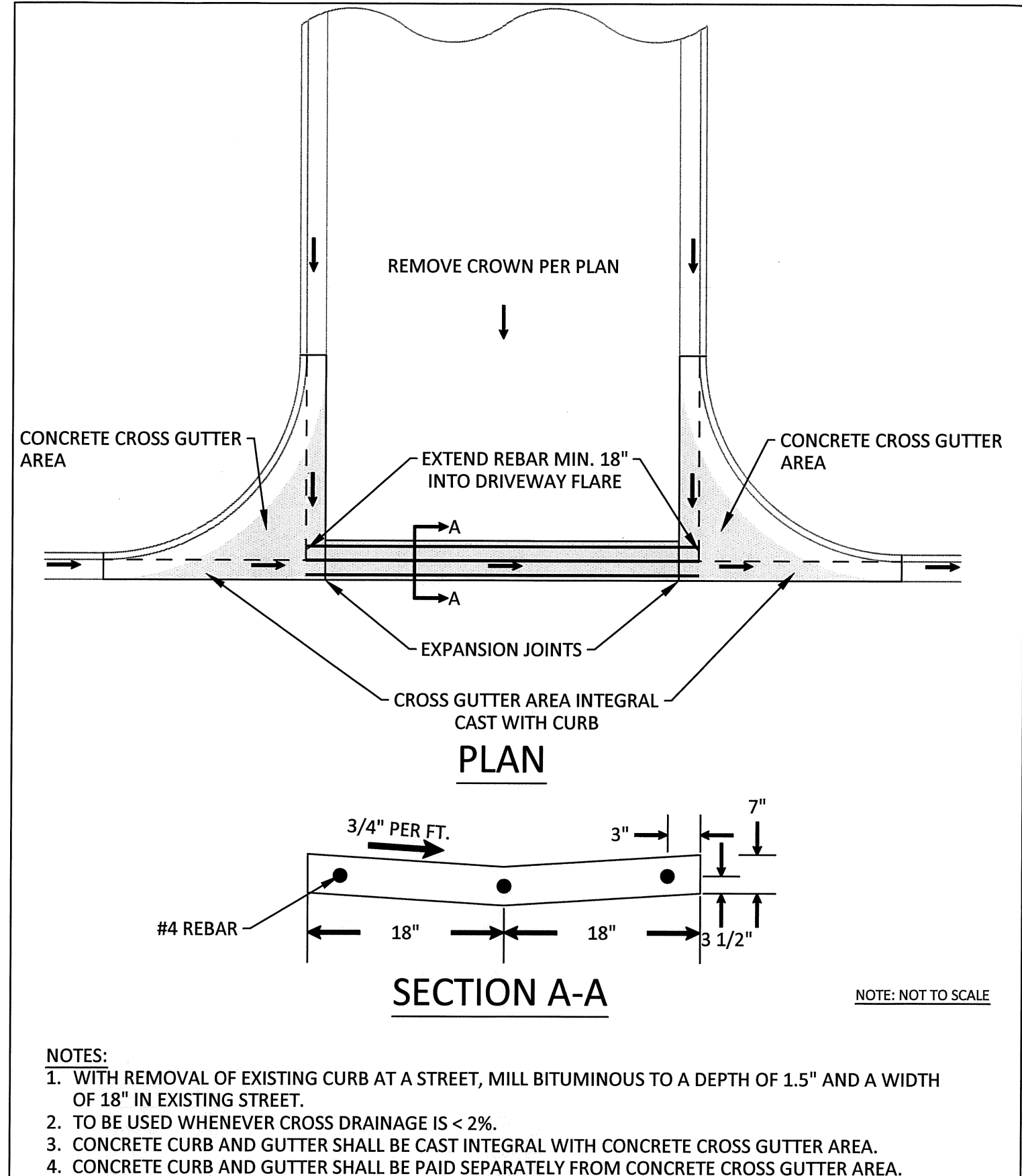


APPROVED: 1 - 2016

**City of RAMSEY**

STANDARD DETAILS: CURB AND GUTTER

CITY PLATE No. STR-1

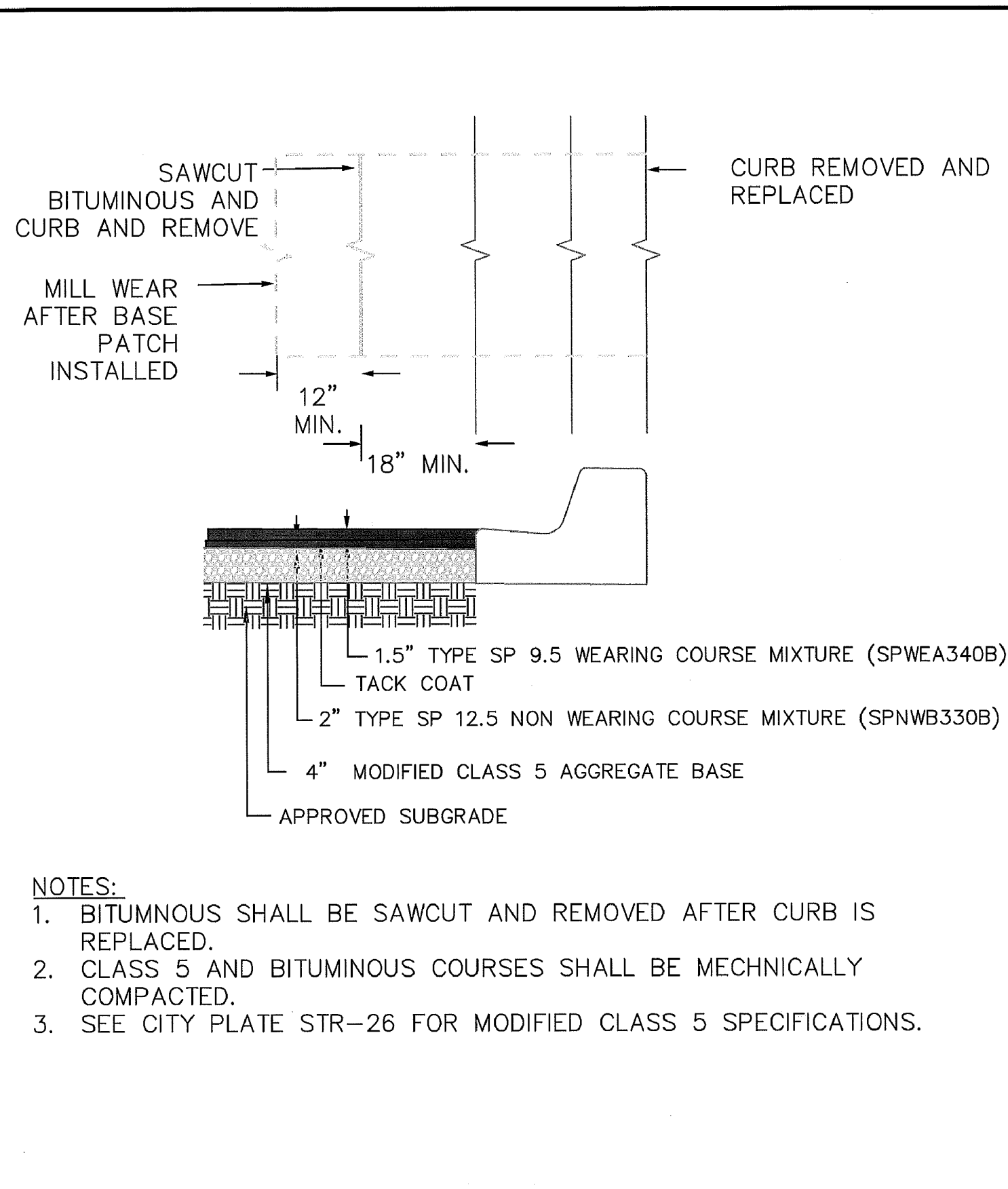


APPROVED: 3 - 2017

**City of RAMSEY**

STANDARD DETAILS: CROSS GUTTER

CITY PLATE No. STR-2



APPROVED: 6 - 2016

**City of RAMSEY**

STANDARD DETAILS: STREET PATCHING STANDARDS

CITY PLATE No. STR-25

### TABLE A MODIFIED CLASS 5 SPECIFICATIONS

% PASSING

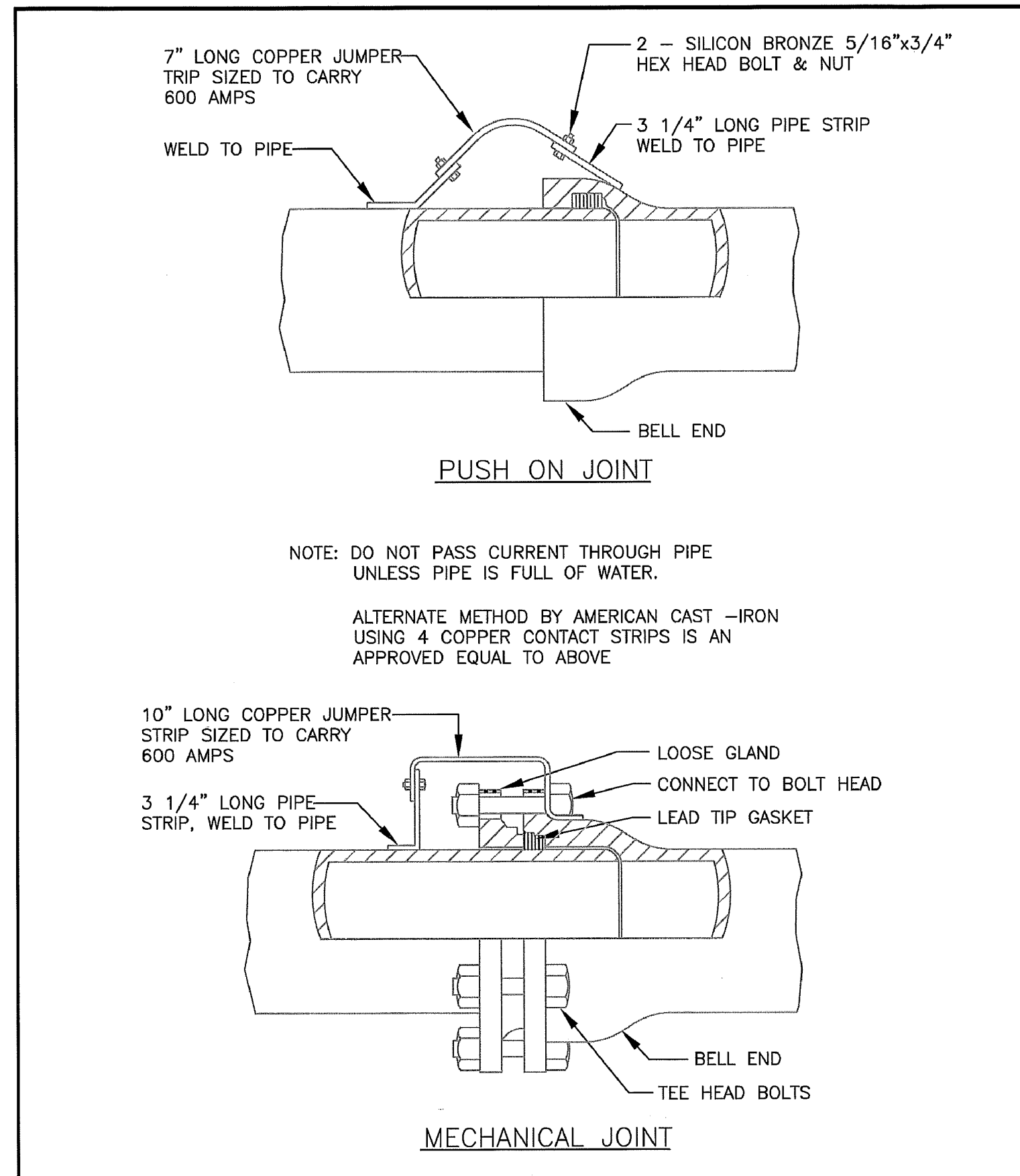
1"	100
3/4"	90 - 100
3/8"	50 - 80
No.4	35 - 70
No.10	20 - 60
No.40	10 - 35
No.200	5 - 10

APPROVED: 2 - 2003

**City of RAMSEY**

STANDARD DETAILS: MODIFIED CLASS 5 SPECIFICATIONS

CITY PLATE No. STR-26



APPROVED: 1 - 2016

**City of RAMSEY**

STANDARD DETAILS: JOINT CONNECTION

CITY PLATE No. WAT-4

Jul 11, 2022 - 2:57pm K:\PRIVATE\3395.15\ENGINEERING\PLAN DWG\339515\_DETAILS.dwg

DATE	REVISION

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*Timothy A. Eggen*  
TIMOTHY A. EGGEN, P.E.  
Date 7/13/22 Lic. No. 43362

DESIGNED BY: TAE  
DRAWN BY: TAE  
CHECKED BY: CJJ

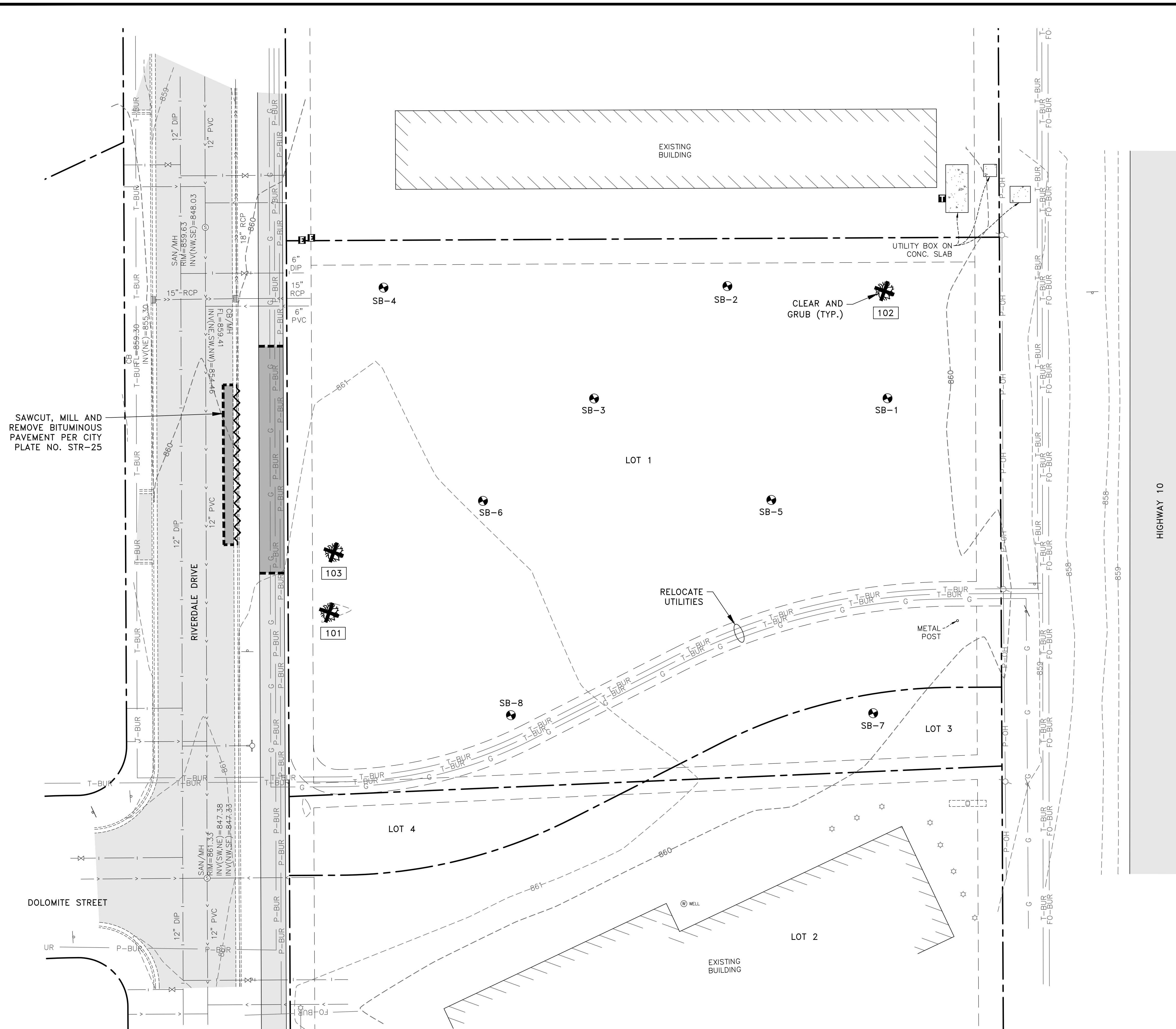
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**BLUE LINE COLLISION CENTER**

DETAILS  
CITY OF RAMSEY, MINNESOTA

SHEET C5 OF C10 SHEETS  
3395.15

Jul 11, 2022 - 2:57pm  
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- GENERAL NOTES:
- SILT FENCE SHALL BE IN PLACE PRIOR TO THE START OF ANY REMOVAL ACTIVITIES. SEE THE GRADING, DRAINAGE AND EROSION CONTROL PLAN FOR SILT FENCE LOCATIONS.
  - CLEARING OF ANY OAK TREES SHALL NOT OCCUR PRIOR TO JULY 15TH. IF OAK TREE CLEARING IS NECESSARY PRIOR TO JULY 15TH, AN OAK WILT MANAGEMENT PLAN MUST BE PREPARED AND SUBMITTED TO THE CITY FOR REVIEW TO ENSURE ADEQUATE MEASURES ARE IMPLEMENTED TO PROTECT FROM THE INTRODUCTION OF OAK WILT.
  - CLEAR AND GRUB BRUSH, SHRUBS AND SMALL TREES WITHIN THE CONSTRUCTION LIMITS (NOT SHOWN).
  - CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN FOR THE WORK IN RIVERDALE DRIVE. PLAN SHALL BE SUBMITTED TO THE CITY OF RAMSEY A MINIMUM OF 7 DAYS PRIOR TO CONSTRUCTION.
- REFERENCE NOTES:
- ONLY THE SIGNIFICANT TREES, AS DEFINED BY THE CITY OF RAMSEY, ARE NUMBERED.

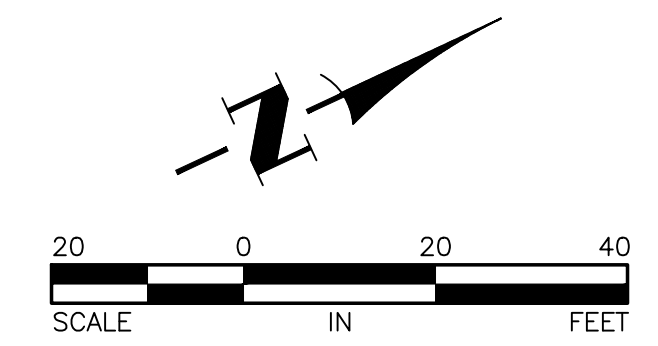
LEGEND

---	PROPERTY LINE
- - - - -	EASEMENT LINE
---	EXISTING CONTOUR
-----XXX-----	EXISTING CONCRETE CURB
-----G-----	GAS MAIN
-----P-BUR-----	BURIED ELECTRIC LINE
-----T-BUR-----	BURIED TELEPHONE LINE
-----P-OH-----	OVERHEAD ELECTRIC LINE
-----FO-BUR-----	BURIED FIBER OPTIC LINE
-----I-----	EXISTING WATERMAIN
----->-----	EXISTING SANITARY SEWER
----->>-----	EXISTING STORM SEWER
Ⓜ	UTILITY PEDESTALS
Ⓢ	EXISTING SANITARY SEWER MANHOLE
Ⓜ	EXISTING CATCH BASIN
⊗	EXISTING WATERMAIN VALVE
⊕	EXISTING HYDRANT
⊙	LIGHT POLE
⊙	SIGN
🌳	DECIDUOUS AND CONIFEROUS TREES
█	EXISTING BITUMINOUS PAVEMENT
█	REMOVE BITUMINOUS PAVEMENT
⚡	REMOVE CONCRETE CURB
---	SAWCUT BITUMINOUS PAVEMENT
XXX	TREE NUMBER ①
SB-X	SOIL BORING LOCATION

SIGNIFICANT TREE INVENTORY TABULATION

Tree Number	Common Name	Scientific Name	Diameter (inches)	Action
101	Siberian Elm *	<i>Ulmus pumila</i>	18	Clear & Grub - Parking Lot
102	Green Ash	<i>Fraxinus pennsylvanica</i>	15	Clear & Grub - Building
103	Cottonwood	<i>Populus deltoides</i>	30	Clear & Grub - Parking Lot

\* Invasive Species



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 CHECKED BY: CJJ



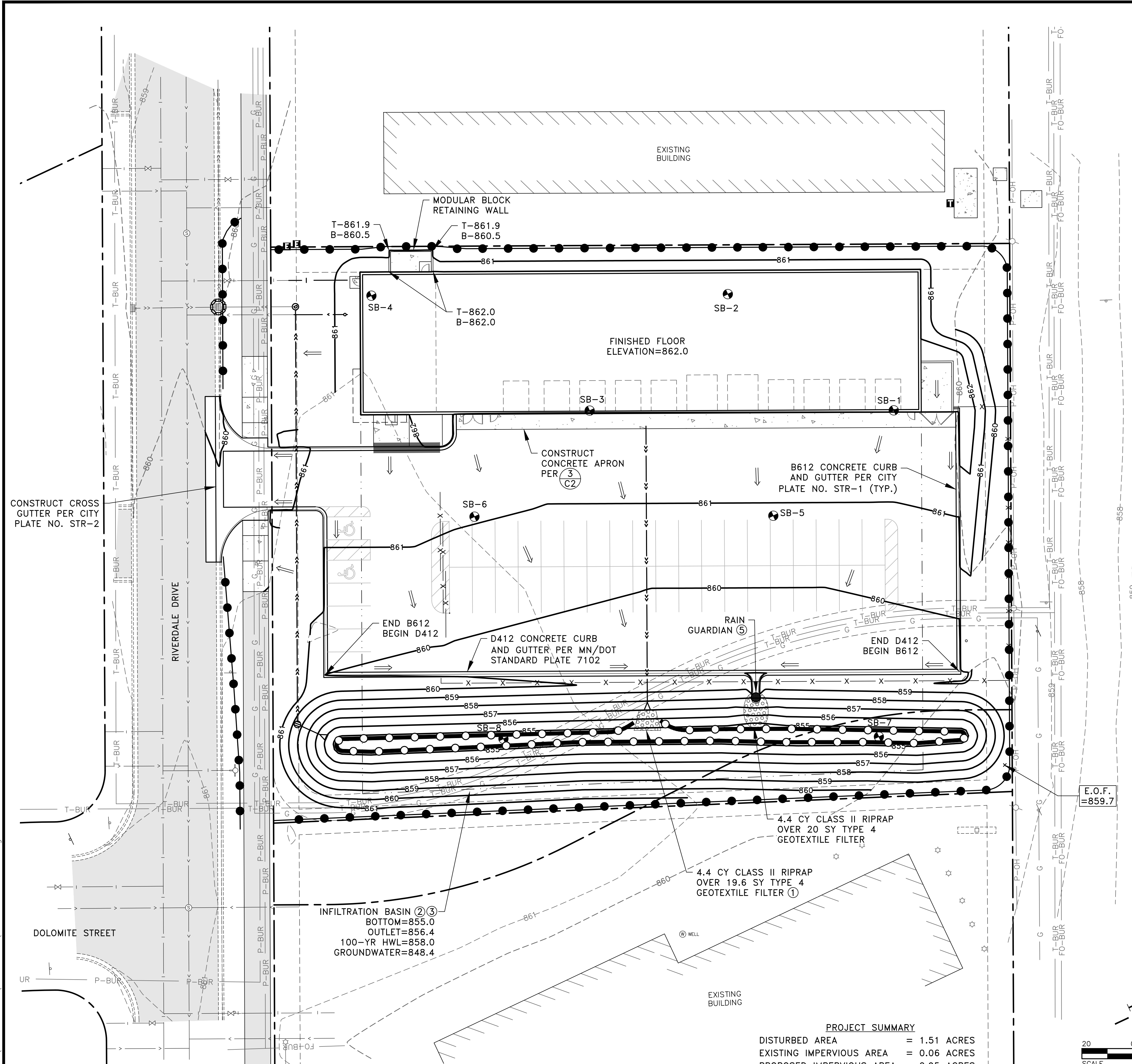
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BLUE LINE COLLISION CENTER

EXISTING TOPOGRAPHY AND REMOVALS PLAN  
 CITY OF RAMSEY, MINNESOTA

SHEET C6 OF C10 SHEETS

Jul 11, 2022 - 2:57pm  
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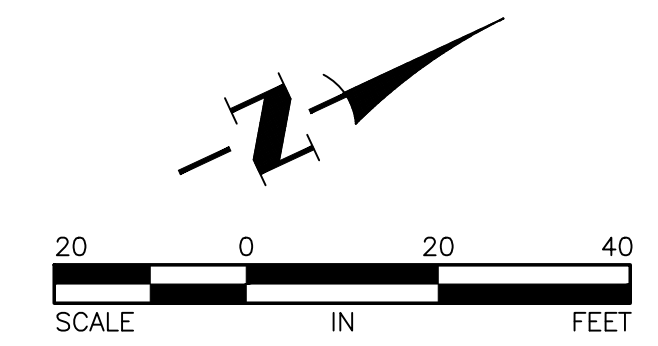


- GENERAL NOTES:
1. PRIOR TO IMPORTING OR EXPORTING MATERIAL FROM THE SITE, CONTRACTOR SHALL CONSTRUCT A ROCK CONSTRUCTION ENTRANCE PER CITY PLATE NO. ERO-5.
  2. VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS.
  3. SEE SHEET C8 FOR THE STAKING PLAN.
  4. SEE SHEET C9 FOR THE UTILITY PLAN.
  5. PERVIOUS AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF ROUGH GRADING.
  6. CONTRACTOR SHALL DETERMINE A LOCATION FOR CONCRETE AND OTHER WASHOUT WASTE. A SIGN SHALL BE INSTALLED ADJACENT TO EACH WASHOUT FACILITY THAT REQUIRES SITE PERSONNEL TO UTILIZE THE PROPER FACILITIES FOR DISPOSAL OF CONCRETE AND OTHER WASTES.
  7. STREET SWEEPING MUST BE PERFORMED DAILY IF SEDIMENT IS TRACKED OUTSIDE THE CONSTRUCTION LIMITS OR ONTO ANY CITY STREETS.
  8. PER THE ANOKA COUNTY SOIL SURVEY, THE SITE CONSISTS OF HUBBARD LOAMY SANDS. SEE THE REPORT OF GEOTECHNICAL EXPLORATION PREPARED BY AMERICAN ENGINEERING TESTING, INC. FOR ADDITIONAL INFORMATION.
  9. MAXIMUM FINISHED GRADES SLOPES SHALL BE 3.5:1.
  10. CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN FOR THE WORK IN RIVERDALE DRIVE. PLAN SHALL BE SUBMITTED TO THE CITY OF RAMSEY A MINIMUM OF 7 DAYS PRIOR TO CONSTRUCTION.
  11. CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE FOR THE TRAIL DURING CONSTRUCTION.

- REFERENCE NOTES:
- (1) PLACE RIPRAP PER CITY PLATE NO. ERO-3.
  - (2) CONTRACTOR SHALL NOT EXCAVATE THE INFILTRATION BASIN TO FINAL GRADE, OR WITHIN THREE FEET OF FINAL GRADE, UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN CONSTRUCTED AND FULLY STABILIZED UNLESS RIGOROUS EROSION PREVENTION AND SEDIMENT CONTROLS TO KEEP SEDIMENT AND RUNOFF COMPLETELY AWAY FROM THE INFILTRATION BASIN ARE PROVIDED.
  - (3) CONSTRUCT INFILTRATION BASIN PER (4) C2.
  - (4) PLACE SEDIMENT CONTROL LOG AFTER COMPLETION OF GRADING.
  - (5) CONSTRUCT RAIN GUARDIAN PER (2) C3. PLACE SEDIMENT CONTROL LOG UPSTREAM OF THE RAIN GUARDIAN UNTIL FINAL STABILIZATION IS ACHIEVED.

LEGEND

- PROPERTY LINE
- - - EASEMENT LINE
- XXX - - - EXISTING CONTOUR
- XXX - - - PROPOSED CONTOUR
- EXISTING CONCRETE CURB
- G --- G GAS MAIN
- P-BUR --- BURIED ELECTRIC LINE
- T-BUR --- BURIED TELEPHONE LINE
- P-OH --- OVERHEAD ELECTRIC LINE
- FO-BUR --- BURIED FIBER OPTIC LINE
- I --- EXISTING WATERMAIN
- I --- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- UTILITY PEDESTALS
- ⊙ EXISTING SANITARY SEWER MANHOLE
- ⊠ EXISTING CATCH BASIN
- ⊗ EXISTING WATERMAIN VALVE
- ⊕ EXISTING HYDRANT
- ⊙ LIGHT POLE
- ⊙ SIGN
- ☀ DECIDUOUS AND CONIFEROUS TREES
- EXISTING BITUMINOUS PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED RIPRAP
- PROPOSED CONCRETE CURB AND GUTTER
- PROPOSED WATERMAIN
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED FENCE
- ⊙ PROPOSED STORM MANHOLE
- ⊙ PROPOSED POND OUTLET STRUCTURE
- ⊠ PROPOSED STORM SEWER APRON
- SILT FENCE PER CITY PLATE NO. ERO-1
- SEDIMENT CONTROL LOG PER CITY PLATE NO. ERO-4 (4)
- PROPOSED TIPOUT CURB PER (7) C2
- ⊙ STORM DRAIN INLET PROTECTION DEVICE PER (6) C2
- ⇒ DRAINAGE ARROW
- T-XXX.X ← TOP OF RETAINING WALL ELEVATION
- B-XXX.X ← GROUND ELEVATION AT BASE OF RETAINING WALL
- ⊗ ← DETAIL NUMBER
- ⊗ ← SHEET NUMBER



DATE	REVISION

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*Timothy A. Eggen*  
 TIMOTHY A. EGGEN, P.E.  
 Lic. No. 43362

Date 7/13/22

DESIGNED BY: TAE  
 DRAWN BY: TAE  
 CHECKED BY: CJJ

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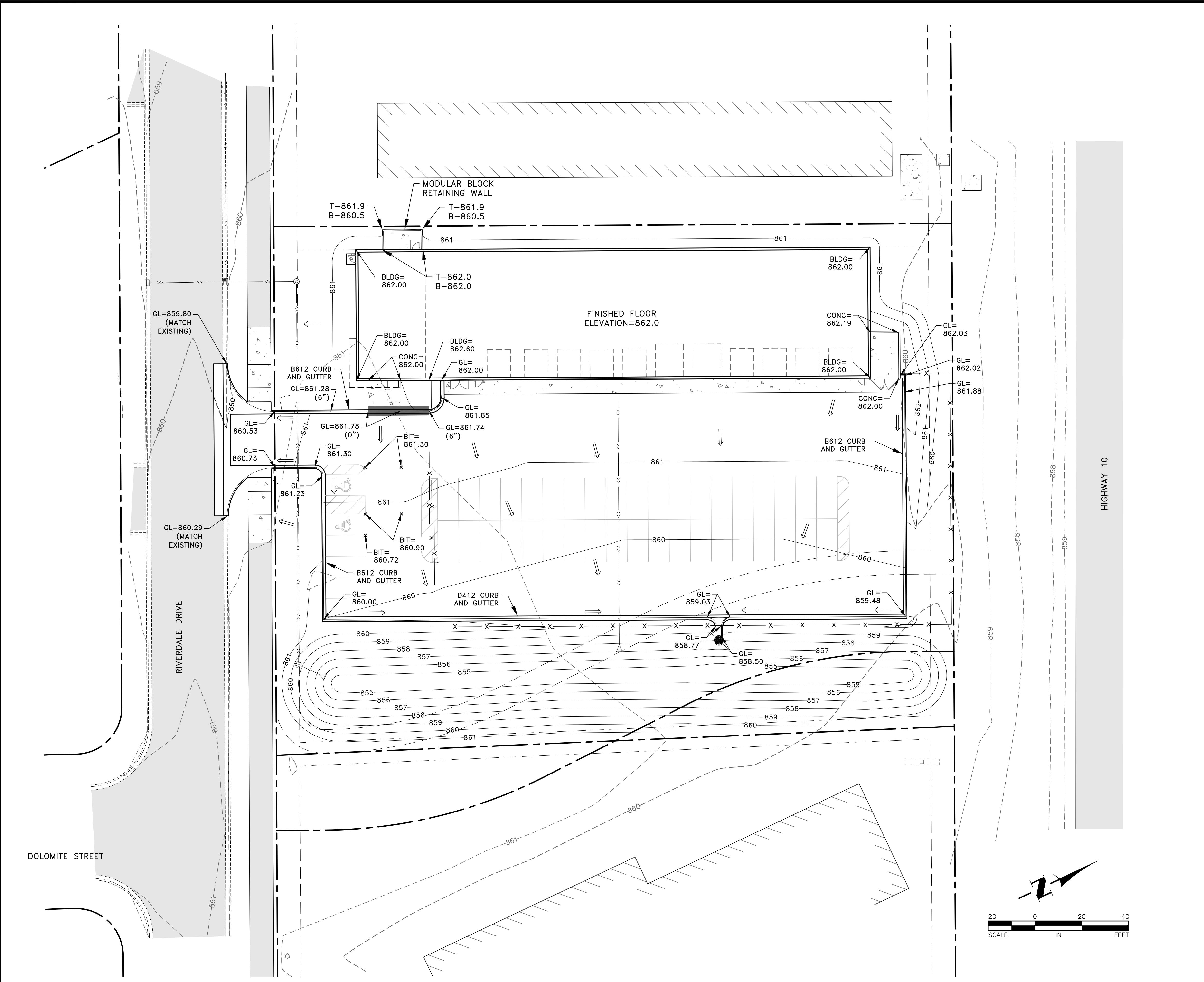
**BLUE LINE COLLISION CENTER**

**GRADING, DRAINAGE AND SEDIMENT CONTROL PLAN**

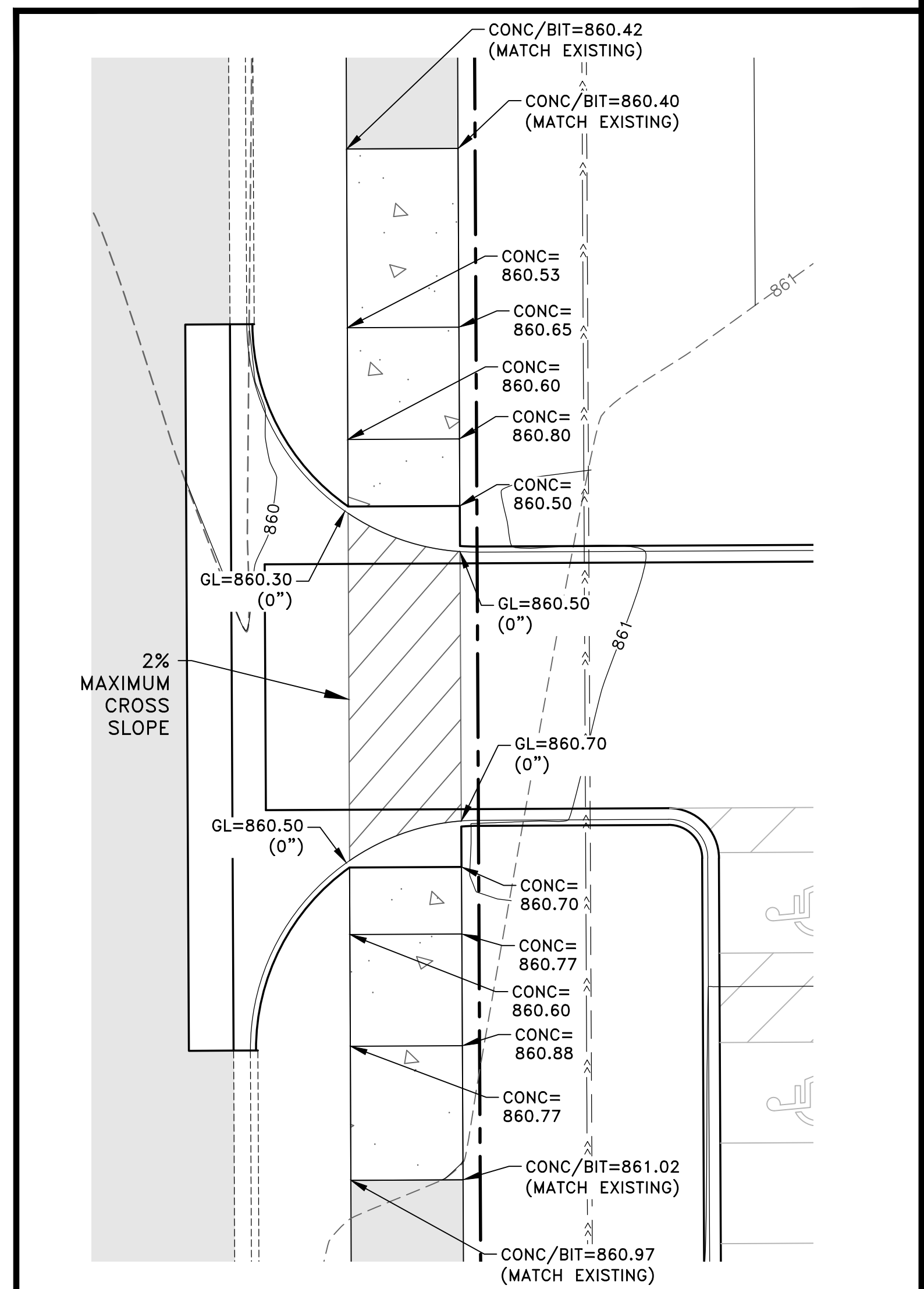
CITY OF RAMSEY, MINNESOTA

SHEET C7 OF C10 SHEETS

Jul 11, 2022 - 2:58pm  
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- LEGEND**
- PROPOSED TIPOUT CURB PER  $\frac{7}{C2}$
  - DRAINAGE ARROW
  - GL=XXX.XX PROPOSED GUTTER LINE ELEVATION
  - BIT=XXX.XX PROPOSED SPOT ELEVATION (BITUMINOUS)
  - CONC=XXX.XX PROPOSED SPOT ELEVATION (CONCRETE)
  - BLDG=XXX.XX PROPOSED GROUND ELEVATION AT BUILDING
  - T-XXX.X TOP OF RETAINING WALL ELEVATION
  - B-XXX.X GROUND ELEVATION AT BASE OF RETAINING WALL



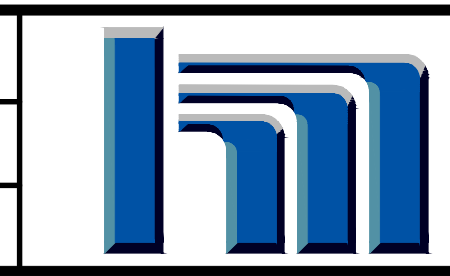
1  
C8 PEDESTRIAN RAMP DETAILS

DATE	REVISION

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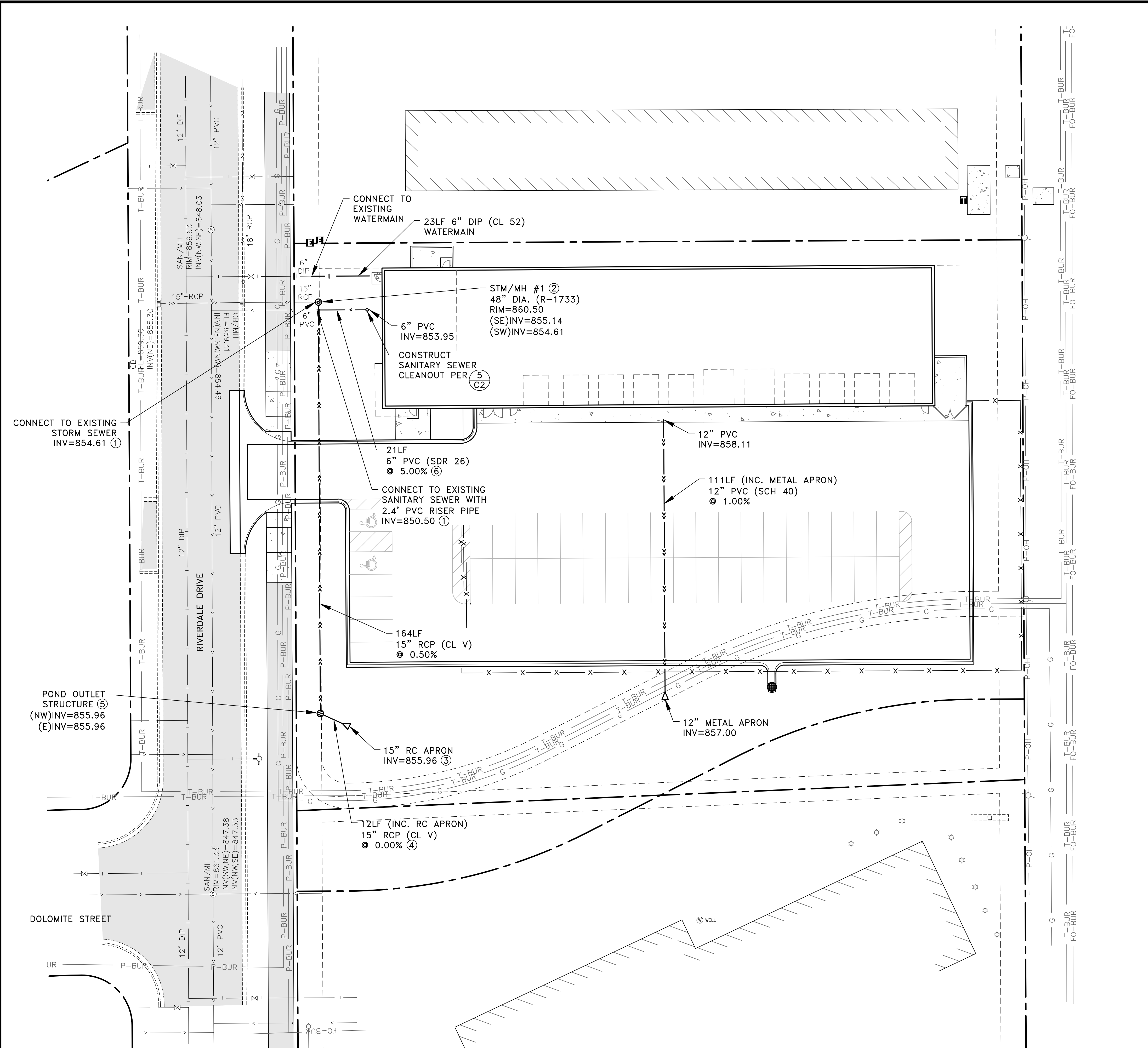


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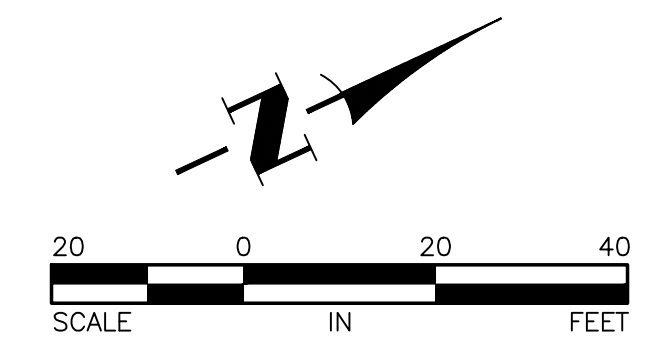
STAKING PLAN  
 CITY OF RAMSEY, MINNESOTA  
 SHEET C8 OF C10 SHEETS  
 3395.15

Jul 11, 2022 - 2:58pm  
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- GENERAL NOTES:
- CONTRACTOR SHALL APPLY FOR A DEPARTMENT OF LABOR AND INDUSTRY PERMIT PRIOR TO CONSTRUCTING ANY UNDERGROUND UTILITIES SHOWN ON THESE PLANS. CONTRACTOR SHALL ADDRESS ALL THE COMMENTS FROM THE DEPARTMENT OF LABOR AND INDUSTRY AS PART OF THE PERMIT APPLICATION PROCESS.
  - MAINTAIN A MINIMUM OF 7.5' OF COVER OVER WATERMAIN.
  - WATERMAIN JOINT CONSTRUCTION SHALL BE PER CITY PLATE NO. WAT-4.
- REFERENCE NOTES:
- LOCATION AND INVERT OF EXISTING SANITARY SEWER AND STORM SEWER STUBS SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
  - CONSTRUCT STRUCTURE PER CITY PLATE NO. STO-1.
  - CONCRETE APRON SHALL INCLUDE A TRASH GUARD PER CITY PLATE NO. STO-8.
  - TIE ALL PIPE JOINTS.
  - CONSTRUCT STRUCTURE PER  $\frac{1}{C3}$ .
  - CONSTRUCT SEWER SERVICE PER CITY PLATE NO. SEW-3.

HIGHWAY 10



DATE	REVISION

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TAE  
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CJJ



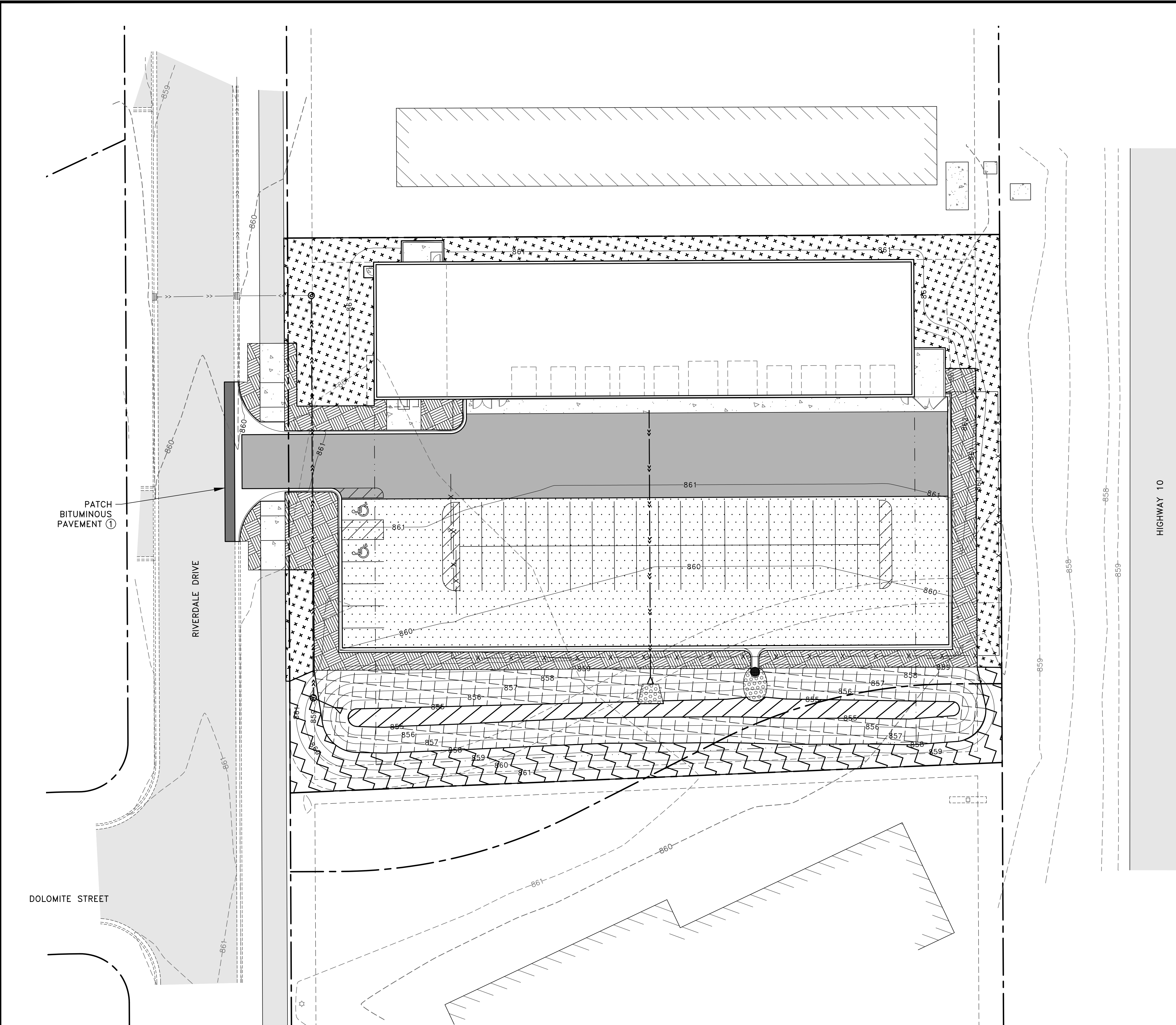
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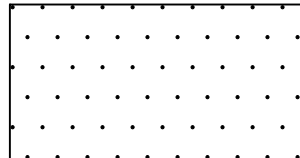

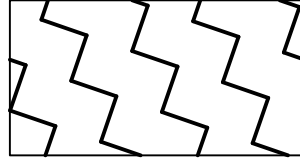
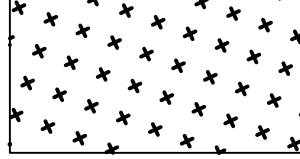
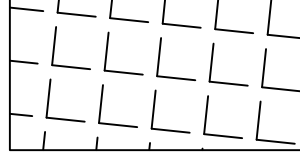
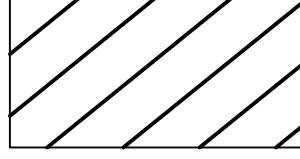
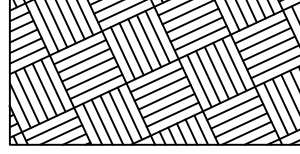
UTILITY PLAN  
 CITY OF RAMSEY, MINNESOTA

SHEET  
 C9  
 OF  
 C10  
 SHEETS

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LEGEND

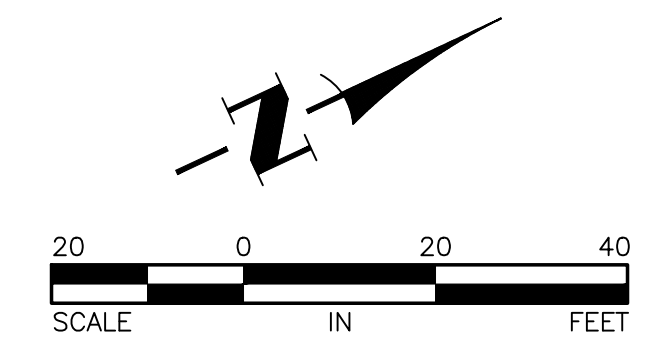
-  PROPOSED LIGHT DUTY BITUMINOUS PAVEMENT PER  $\frac{1}{C2}$
-  PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT PER  $\frac{2}{C2}$
-  SEED MIX 25-131 (220 POUNDS/ACRE)  
ROLLED EROSION PREVENTION CATEGORY 20  
TYPE 1 FERTILIZER (300 POUNDS/ACRE)
-  SEED MIX 25-131 (220 POUNDS/ACRE)  
HYDRAULIC MULCH MATRIX (2500 POUNDS/ACRE)  
TYPE 1 FERTILIZER (300 POUNDS/ACRE)
-  SEED MIX 33-261 (35 POUNDS/ACRE)  
ROLLED EROSION PREVENTION CATEGORY 20  
TYPE 1 FERTILIZER (300 POUNDS/ACRE)
-  SEED MIX 33-261 (35 POUNDS/ACRE)  
HYDRAULIC MULCH MATRIX (2500 POUNDS/ACRE)  
TYPE 1 FERTILIZER (300 POUNDS/ACRE)
-  SOD  
TYPE 1 FERTILIZER (300 POUNDS/ACRE)

GENERAL NOTES:

1. PLACE A MINIMUM OF 4" OF TOPSOIL OVER ALL DISTURBED AREAS OUTSIDE THE PROPOSED PARKING LOT AND INFILTRATION AREA. TOPSOIL SHALL NOT CONTAIN MORE THAN 35% SAND CONTENT. SEE  $\frac{4}{C2}$  FOR INFILTRATION BASIN TOPSOIL REQUIREMENTS.

REFERENCE NOTES:

- ① BITUMINOUS PATCHING SECTION SHALL MATCH THE EXISTING SECTION ON RIVERDALE DRIVE.



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PAVING AND RESTORATION PLAN  
 CITY OF RAMSEY, MINNESOTA

SHEET  
 C10  
 OF  
 C10  
 SHEETS