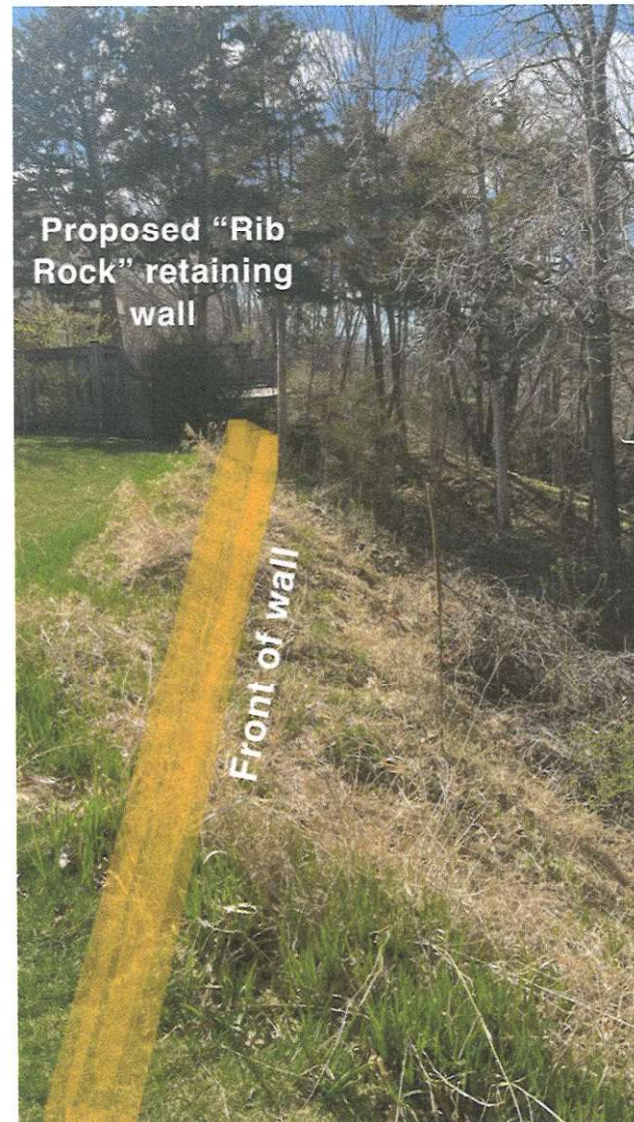




1
S1 PHOTO 1

NOTE:
PHOTOS BY OWNER AND ARE RE-USED
WITH OWNER'S PERMISSION



2
S1 PHOTO 2

LTN ENGINEERING
CIVIL AND STRUCTURAL MANKATO MINNESOTA
EM MARK@LTNGROUPCHARTER.NET 507.317.8984

PROJECT TITLE:
**208 MAYAN WAY
MANKATO, MN
RETAINING WALL
PROJECT**

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.

Signature: _____
Print Name: **MARK J. LAWTON**
Date: **6-20-2025** License No. **17051**

**FOR
REVIEW
6-23-25**

No. SUBMISSIONS & REVISIONS Date

REVISION:
PHOTOS

DATE: 6-23-2025
DRAWN BY: R.S.
CHECKED BY: J.E.

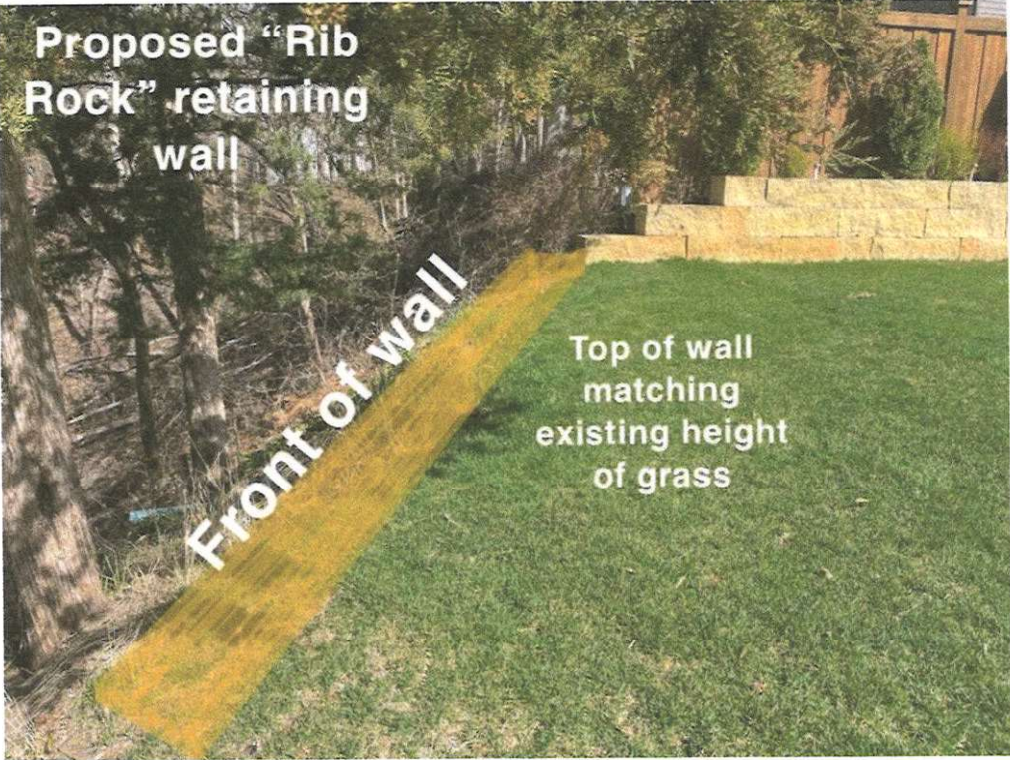
S1

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1
S2 PHOTO 3

No. SUBMISSIONS & REVISIONS Date

NOTES:
PHOTOS

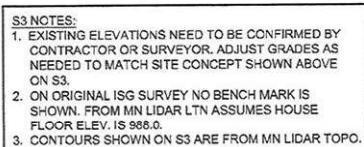
DATE: 6-23-2025
DRAWN BY: JLS
CHECKED BY: ME

S2

Signature: _____
Print Name: **MARK J. LAWTON**
Date: **6-20-2025** License No. **17051**

FOR
REVIEW
6-23-25

MAYAN WAY



No.	SUBMISSIONS & REVISIONS	Date
1	Initial submission	
2	First revision	
3	Second revision	
4	Third revision	
5	Fourth revision	
6	Fifth revision	
7	Sixth revision	
8	Seventh revision	
9	Eighth revision	
10	Ninth revision	
11	Tenth revision	
12	Eleventh revision	
13	Twelfth revision	
14	Thirteenth revision	
15	Fourteenth revision	
16	Fifteenth revision	
17	Sixteenth revision	
18	Seventeenth revision	
19	Eighteenth revision	
20	Nineteenth revision	
21	Twentieth revision	
22	Twenty-first revision	
23	Twenty-second revision	
24	Twenty-third revision	
25	Twenty-fourth revision	
26	Twenty-fifth revision	
27	Twenty-sixth revision	
28	Twenty-seventh revision	
29	Twenty-eighth revision	
30	Twenty-ninth revision	
31	Thirtieth revision	
32	Thirty-first revision	
33	Thirty-second revision	
34	Thirty-third revision	
35	Thirty-fourth revision	
36	Thirty-fifth revision	
37	Thirty-sixth revision	
38	Thirty-seventh revision	
39	Thirty-eighth revision	
40	Thirty-ninth revision	
41	Fortieth revision	
42	Forty-first revision	
43	Forty-second revision	
44	Forty-third revision	
45	Forty-fourth revision	
46	Forty-fifth revision	
47	Forty-sixth revision	
48	Forty-seventh revision	
49	Forty-eighth revision	
50	Forty-ninth revision	
51	Fiftieth revision	
52	Fifty-first revision	
53	Fifty-second revision	
54	Fifty-third revision	
55	Fifty-fourth revision	
56	Fifty-fifth revision	
57	Fifty-sixth revision	
58	Fifty-seventh revision	
59	Fifty-eighth revision	
60	Fifty-ninth revision	
61	Sixtieth revision	
62	Sixty-first revision	
63	Sixty-second revision	
64	Sixty-third revision	
65	Sixty-fourth revision	
66	Sixty-fifth revision	
67	Sixty-sixth revision	
68	Sixty-seventh revision	
69	Sixty-eighth revision	
70	Sixty-ninth revision	
71	Seventieth revision	
72	Seventy-first revision	
73	Seventy-second revision	
74	Seventy-third revision	
75	Seventy-fourth revision	
76	Seventy-fifth revision	
77	Seventy-sixth revision	
78	Seventy-seventh revision	
79	Seventy-eighth revision	
80	Seventy-ninth revision	
81	Eightieth revision	
82	Eighty-first revision	
83	Eighty-second revision	
84	Eighty-third revision	
85	Eighty-fourth revision	
86	Eighty-fifth revision	
87	Eighty-sixth revision	
88	Eighty-seventh revision	
89	Eighty-eighth revision	
90	Eighty-ninth revision	
91	Ninetieth revision	
92	Ninety-first revision	
93	Ninety-second revision	
94	Ninety-third revision	
95	Ninety-fourth revision	
96	Ninety-fifth revision	
97	Ninety-sixth revision	
98	Ninety-seventh revision	
99	Ninety-eighth revision	
100	Ninety-ninth revision	
101	Hundredth revision	

SITE MAP

DATE: 6-23-2025
DRAWN BY: JLS
CHECKED BY: ML

S3

PROJECT TITLE:
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RETAINING WALL
PROJECT**

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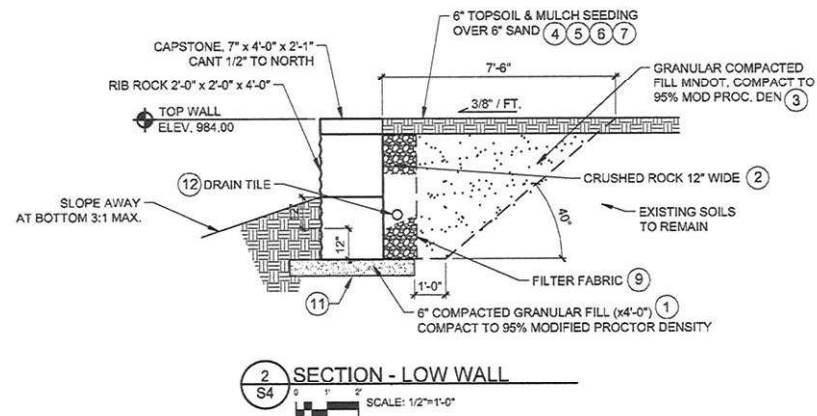
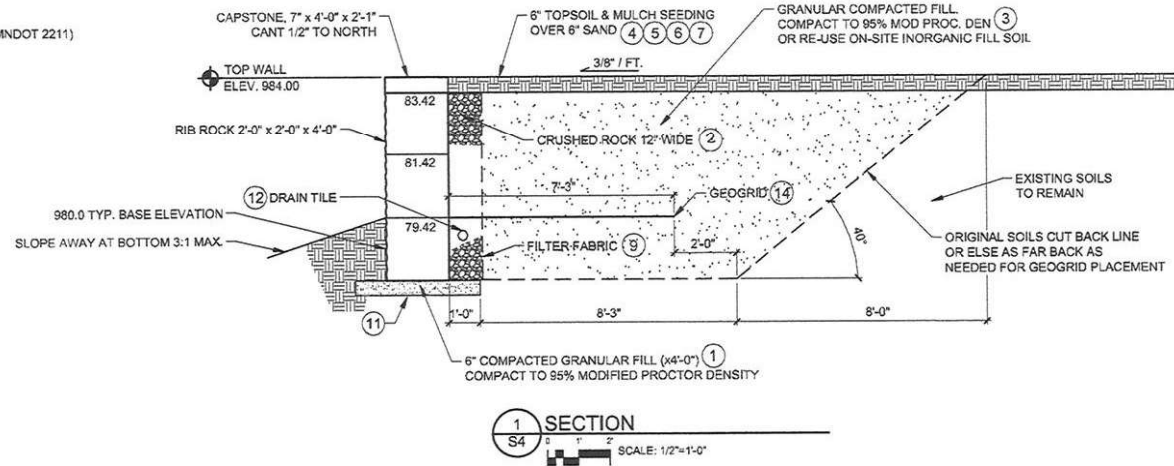
Signature: _____
Print Name: **MARK J. LAWTON**
Date: **6-20-2025** License No. **17951**

SECTION ENGINEERING NOTES:

ANGLE OF REPOSE = 30-45°, ML OR CL, SILTS, LOW PLASTICITY CLAY SOILS, 200 & OVER PARTICLE SIZE
GEOGRID - USE SRW7 SERIES GEOGRID, INSTALL PER COUNTY MATERIALS CORP. INSTRUCTIONS
USE 100 PSF SURCHARGE TO 15' BEHIND WALL

MNDOT SPEC ITEMS (2020)

- ① 3149.2 G.1 FINE AGGREGATE BEDDING (CLASS 5) (ALSO MNDOT 2211)
- ② 3149.2 H COARSE FILTER AGGREGATE
- ③ 3149.2 D.1 GRANULAR BACKFILL
- ④ 3149.2 J SAND COVER
- ⑤ 3877 A COMMON TOPSOIL BORROW
- ⑥ 3882.2 A MULCH, TYPE 1
- ⑦ 3876.2 A.1 SEED, CHOICE BY OWNER
- ⑧ 3886.2 A SILT FENCE, USE LOW FLOW RATE TYPE
- ⑨ FILTER FABRIC - WRAP AROUND CRUSHED ROCK
- ⑩ 3897 SEDIMENT CONTROL LOG / BIO-ROLL
- ⑪ 2112.3 SUBGRADE PREPARATION
- ⑫ 3601 SUBSURFACE DRAINS / DRAIN TILE 4" PVC
- ⑬ 2511 RIPRAP / STONE OUTLET 50% CL 11 & 111
- ⑭ GEOGRID SRW-7



**FOR
REVIEW
6-23-25**

No. SUBMISSIONS & REVISIONS Date

SECTION AND NOTES

DATE: 6-20-2025
DRAWN BY: JLS
CHECKED BY: JLS

S4