



# American Concrete Industries

1717 Stillwater Ave. Veazie, ME  
Tel: 207-947-8334  
Fax: 207-947-3580

1022 Minot Ave. Auburn, ME  
Tel: 207-784-1388  
Fax: 207-783-4039

## BILL OF MATERIALS

Qty	Item
161	Full Block wt ≈ 2,400 #
42	Full Recessed Top Block wt ≈ 2,000 #
11	Half Block wt ≈ 1,200 #
12	12" Tall Full Block wt ≈ 1,200 #
6	Right Corner Recessed Top wt ≈ 2,300 #
2	Left Corner Recessed Top wt ≈ 2,300 #
11	Right Corner Full Block wt ≈ 2,400 #
11	Left Corner Full Block wt ≈ 2,400 #
1	Half Recessed Top Block wt ≈ 900 #
9	Full Key Block wt ≈ 2,200 #
11	Full Top Key Block wt ≈ 1,800 #
2	7/11 High Rise 12 riser wt ≈ 7,200 #
1	4'SQ x 8" step foundation wt ≈ 1,600 #

### Design Notes:

#### 1. Concrete

- 1.1. Comp. strength min. 5,000psi @ 28 days
- 1.2. Air-Entrainment: 6%

### Installation Requirements:

- 2. To Be installed on (minimum) 8" x 42" compacted granular base
- 3. 4"Ø drain tile with 12" minimum cover to be installed behind bottom rugged rock
- 4. Minimum embedment shall be 10% of overall height
- 5. Crushed stone with minimum 6" cover behind wall and between blocks
- 6. Each additional course shall have 2" setback from previous course

STRUCTURE NAME: Rugged Rock Wall

JOB NAME: Wilson Lake Camp

LOCATION: Wilton, ME

CONTRACTOR: E.L. Vining

ENGINEER:

DRAWN BY:

B.R.W

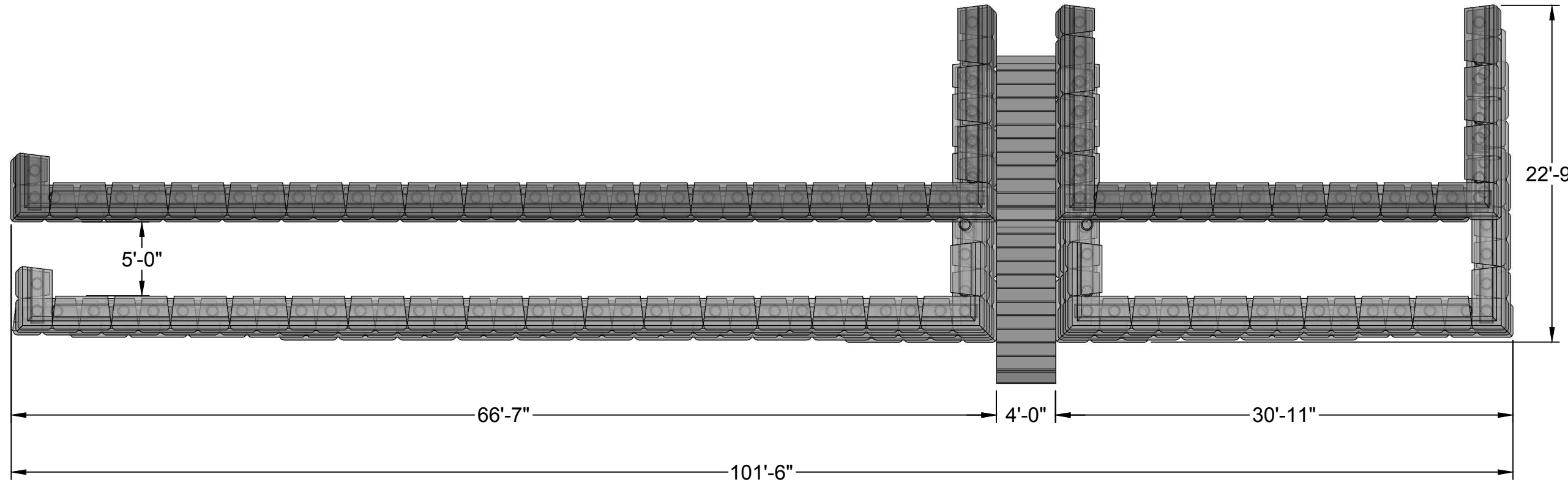
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6/20/13

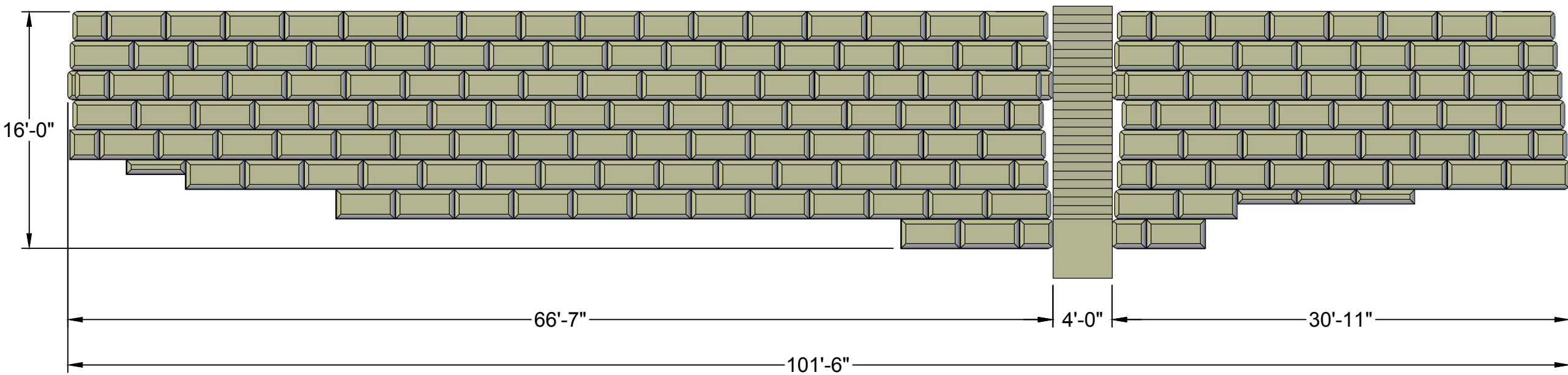
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L-1



Plan View



Elevation View

Scale (Unless Otherwise Noted) : 1/8"=1'



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11	Half Block wt ≈ 1,200 #
12	12" Tall Full Block wt ≈ 1,200 #
6	Right Corner Recessed Top wt ≈ 2,300 #
2	Left Corner Recessed Top wt ≈ 2,300 #
11	Right Corner Full Block wt ≈ 2,400 #
11	Left Corner Full Block wt ≈ 2,400 #
1	Half Recessed Top Block wt ≈ 900 #
9	Full Key Block wt ≈ 2,200 #
11	Full Top Key Block wt ≈ 1,800 #
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JOB NAME: Wilson Lake Camp

LOCATION: Wilton, ME

CONTRACTOR: E.L. Vining

ENGINEER:

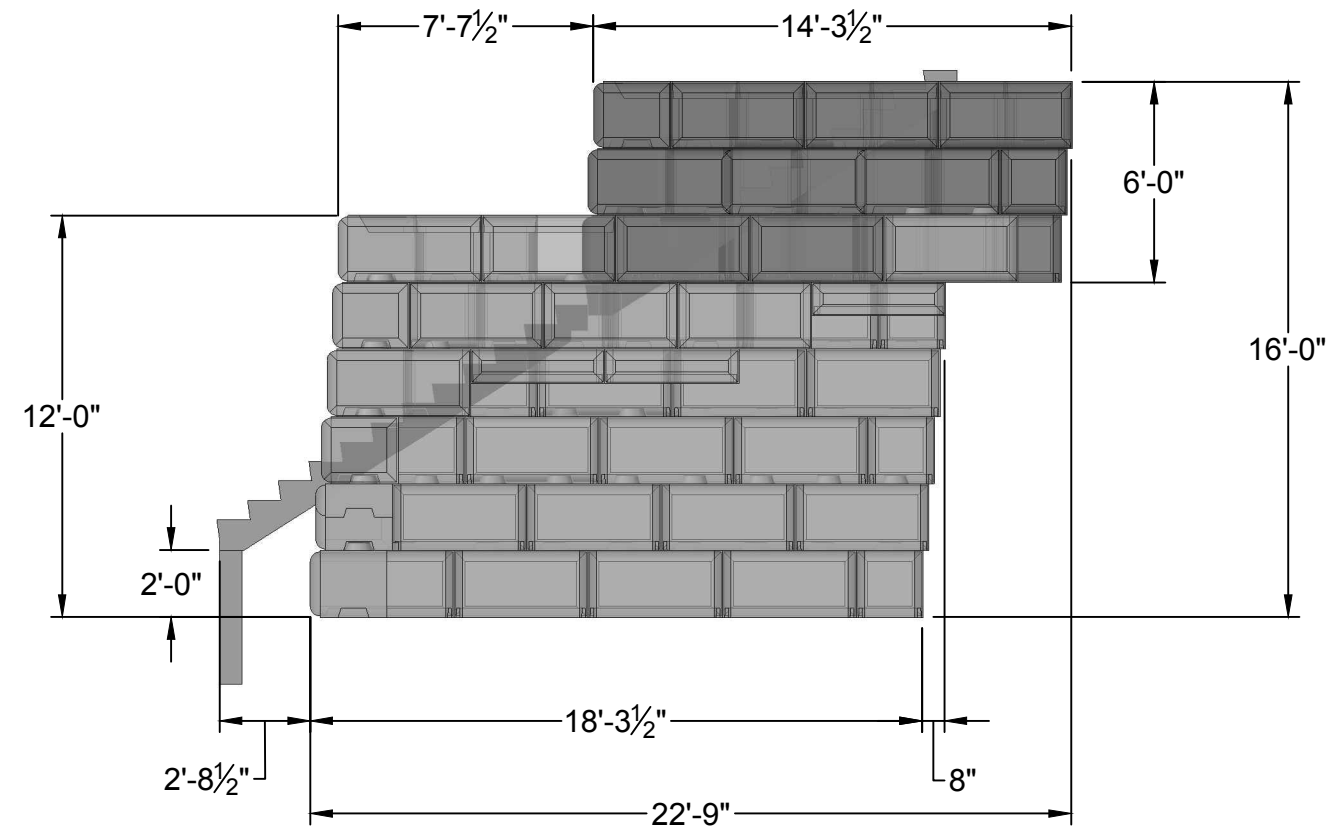
DRAWN BY:  
B.R.W

DATE:  
6/20/13

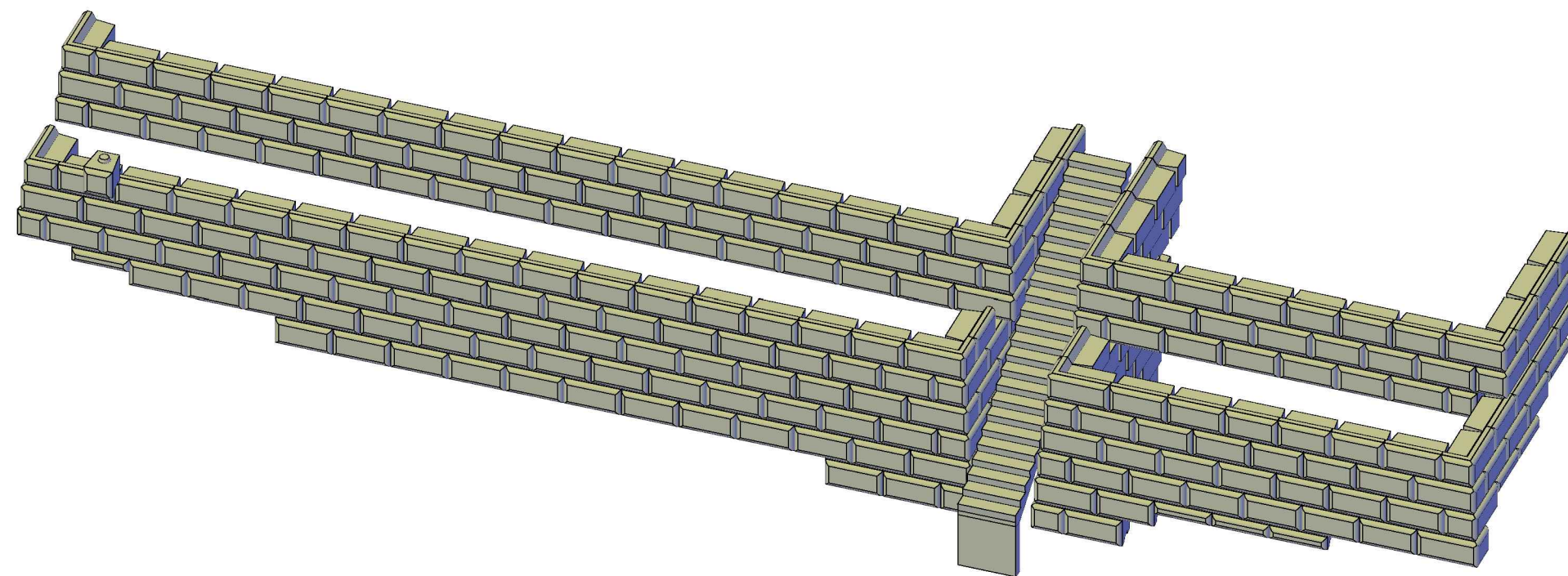
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Section View  
 (Scale: 3/4"=1')



Conceptual View

Scale (Unless Otherwise Noted) : 1/8"=1'



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**BILL OF MATERIALS**

Qty	Item
109	Full Block wt ≈ 2,400 #
17	Full Recessed Top Block wt ≈ 2,000 #
7	Half Block wt ≈ 1,200 #
12	12" Tall Full Block wt ≈ 1,200 #
2	Right Corner Recessed Top wt ≈ 2,300 #
2	Left Corner Recessed Top wt ≈ 2,300 #
8	Right Corner Full Block wt ≈ 2,400 #
7	Left Corner Full Block wt ≈ 2,400 #
1	Half Recessed Top Block wt ≈ 900 #
7	Full Key Block wt ≈ 2,200 #
7	Full Top Key Block wt ≈ 1,800 #
2	7/11 High Rise 12 riser wt ≈ 7,200 #
1	4'SQ x 8" step foundation wt ≈ 1,600 #

**Design Notes:**

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  - 1.1. Comp. strength min. 5,000psi @ 28 days
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6. Each additional course shall have 2" setback from previous course

STRUCTURE NAME: Front Rugged Rock Wall

JOB NAME: Wilson Lake Camp

LOCATION: Wilton, ME

CONTRACTOR: E.L. Vining

ENGINEER:

DRAWN BY:

B.R.W

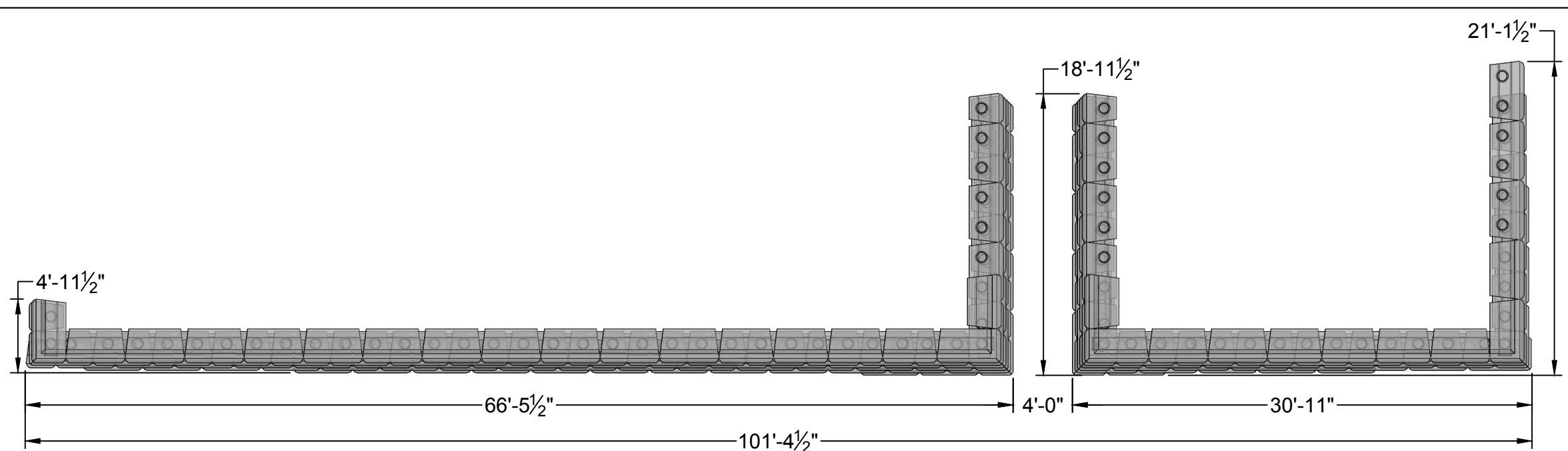
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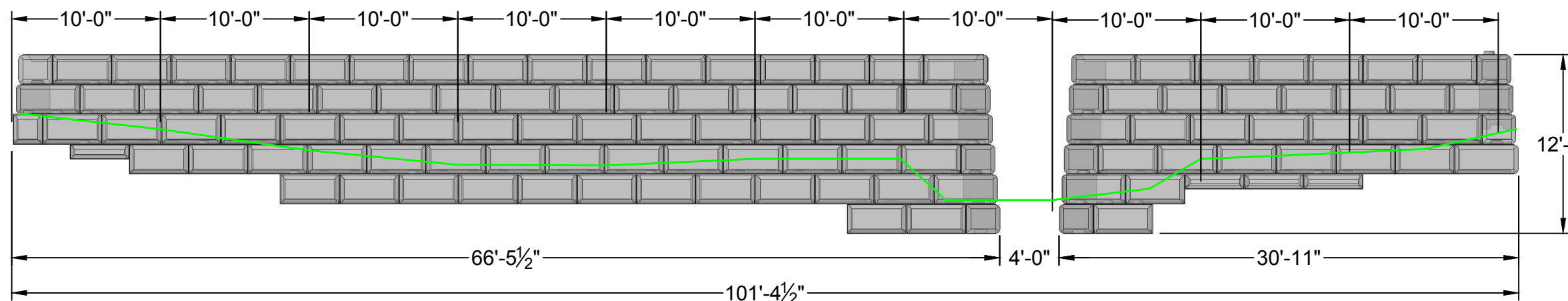
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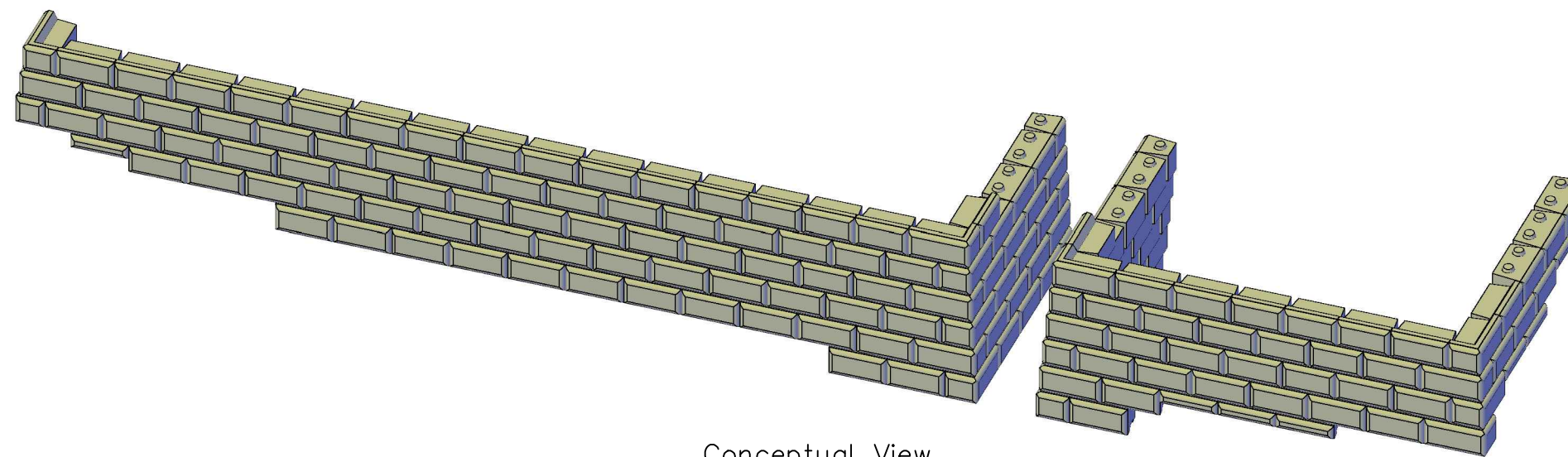
L-3



Plan View



Elevation View



Conceptual View

Scale (Unless Otherwise Noted) : 1/8"=1'



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**BILL OF MATERIALS**

Qty	Item
52	Full Block wt ≈ 2,400 #
25	Full Recessed Top Block wt ≈ 2,000 #
4	Half Block wt ≈ 1,200 #
0	12" Tall Full Block wt ≈ 1,200 #
4	Right Corner Recessed Top wt ≈ 2,300 #
0	Left Corner Recessed Top wt ≈ 2,300 #
3	Right Corner Full Block wt ≈ 2,400 #
4	Left Corner Full Block wt ≈ 2,400 #
1	Half Recessed Top Block wt ≈ 900 #
2	Full Key Block wt ≈ 2,200 #
4	Full Top Key Block wt ≈ 1,800 #
2	7/11 High Rise 12 riser wt ≈ 7,200 #
1	4'SQ x 8" step foundation wt ≈ 1,600 #

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5. Crushed stone with minimum 6" cover behind wall and between blocks
6. Each additional course shall have 2" setback from previous course

STRUCTURE NAME: Rear Rugged Rock Wall

JOB NAME: Wilson Lake Camp

LOCATION: Wilton, ME

CONTRACTOR: E.L. Vining

ENGINEER:

DRAWN BY:

B.R.W

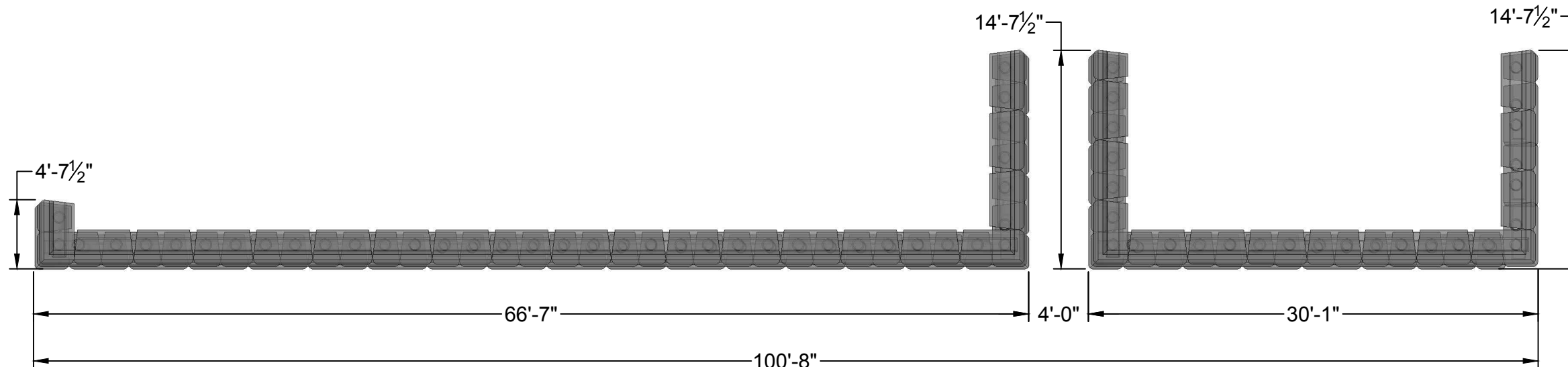
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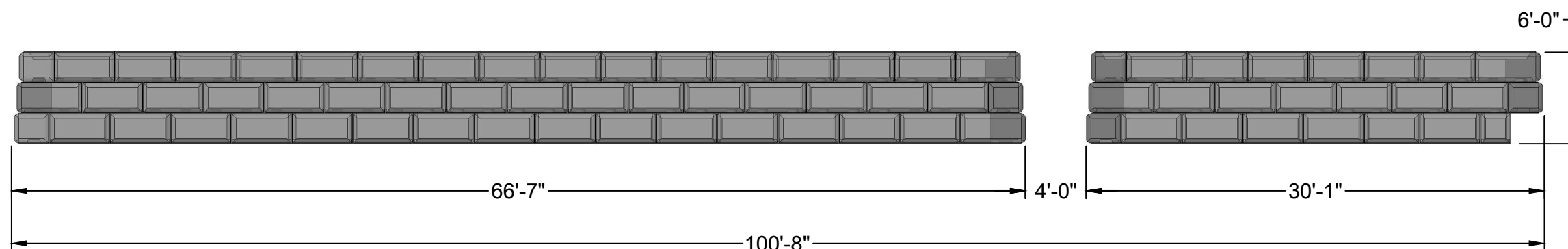
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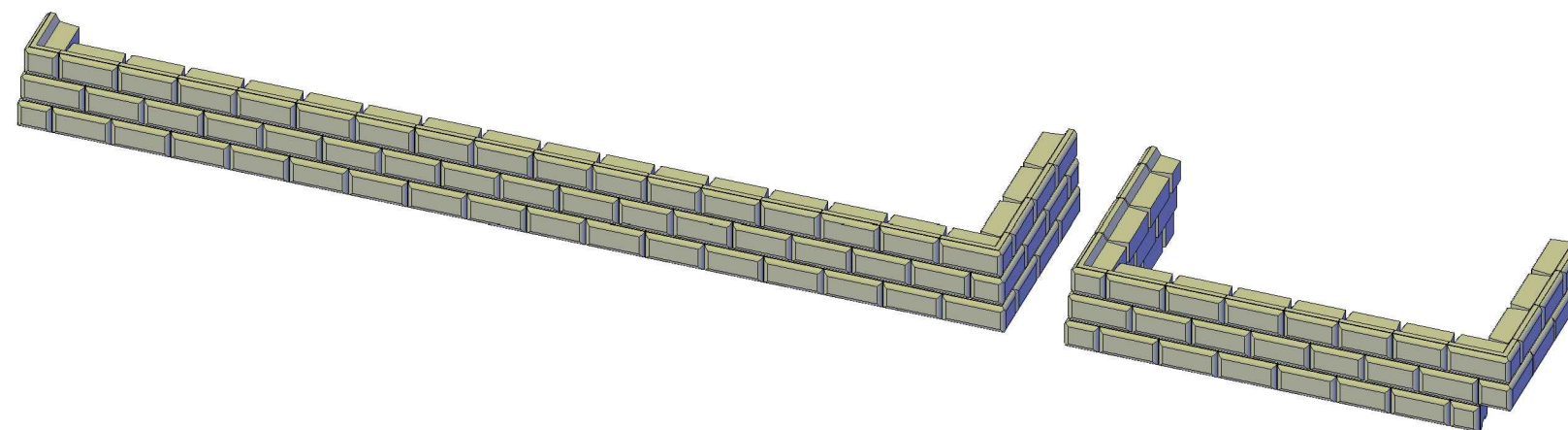
L-4



Plan View



Elevation View



Conceptual View

Scale (Unless Otherwise Noted) : 1/8"=1'