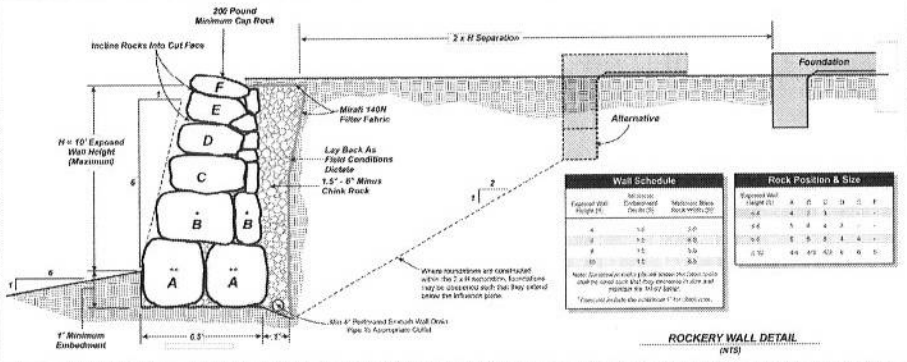


Wall Schedule

Exposed Wall Height (H)	Minimum Embedment Depth (D)	Minimum Base Rock Width (B)
4	1.0	3.0
6	1.5	4.5
8	1.5	5.5
10	1.5	6.5

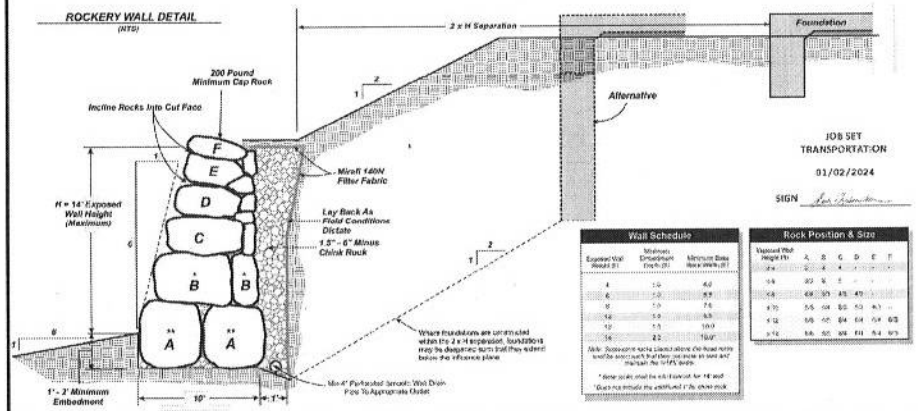
Note: Excavation rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

* Does not include the additional 1" for chink rock.

Rock Position & Size

Exposed Wall Height (H)	A	B	C	D	E	F
4	4	3	3	-	-	-
6	5	4	4	3	-	-
8	6	5	5	4	4	-
10	6/6	5/5	4/5	4	5	5

ROCKERY WALL DETAIL
(NTS)



JOB SET
TRANSPORTATION
01/02/2024
SIGN

Wall Schedule

Exposed Wall Height (H)	Minimum Embedment Depth (D)	Minimum Base Rock Width (B)
4	1.0	4.0
6	1.0	5.5
8	1.0	7.5
10	1.0	8.5
12	1.5	10.0
14	2.0	10.0*

Note: Excavation rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

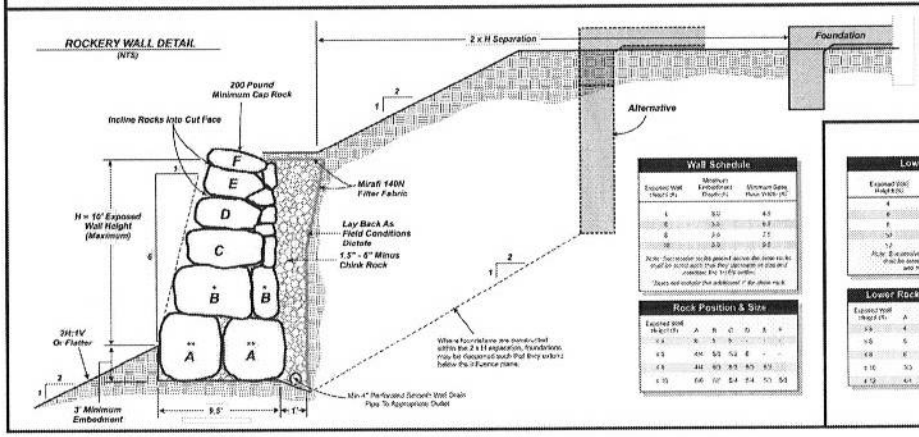
* Base width shall be 4.5 minimum for 10' wall.

* Does not include the additional 1" for chink rock.

Rock Position & Size

Exposed Wall Height (H)	A	B	C	D	E	F
4	4	4	-	-	-	-
6	5/5	5	5	-	-	-
8	6/6	5/5	5/5	4/5	-	-
10	6/6	6/6	5/6	5/6	4/5	-
12	6/6	6/6	6/6	6/6	5/6	6/6
14	6/6	6/6	6/6	6/6	6/6	6/6

ROCKERY WALL DETAIL
(NTS)



Wall Schedule

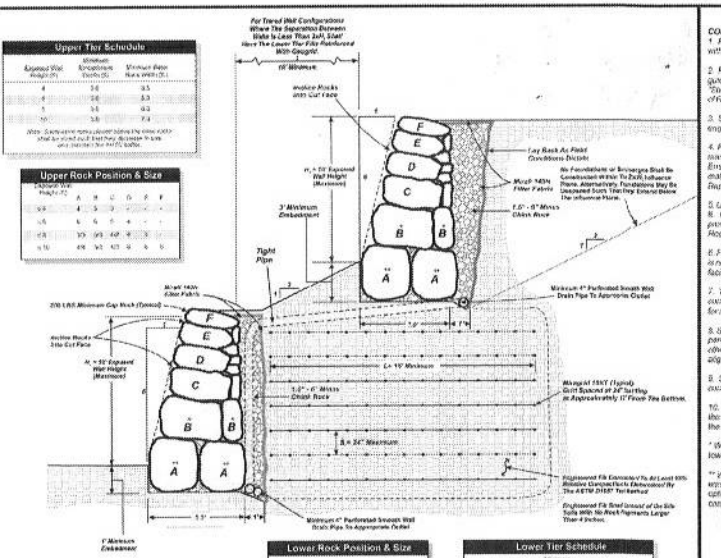
Exposed Wall Height (H)	Minimum Embedment Depth (D)	Minimum Base Rock Width (B)
4	3.0	4.5
6	3.5	5.5
8	3.5	7.5
10	3.5	9.5

Note: Excavation rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

* Does not include the additional 1" for chink rock.

Rock Position & Size

Exposed Wall Height (H)	A	B	C	D	E	F
4	4	3	3	-	-	-
6	5	5	4	-	-	-
8	6/6	5/5	5/5	4	-	-
10	6/6	6/6	5/6	5/6	5/6	5/6



Upper Tier Schedule

Exposed Wall Height (H)	Minimum Embedment Depth (D)	Minimum Base Rock Width (B)
4	1.0	3.5
6	2.0	5.0
8	3.0	6.5
10	3.5	8.0

Note: Excavation rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

Upper Rock Position & Size

Exposed Wall Height (H)	A	B	C	D	E	F
4	4	3	3	-	-	-
6	5	4	4	3	-	-
8	6	5	5	4	4	-
10	6/6	6/6	5/6	5/6	5/6	5/6

Lower Rock Position & Size

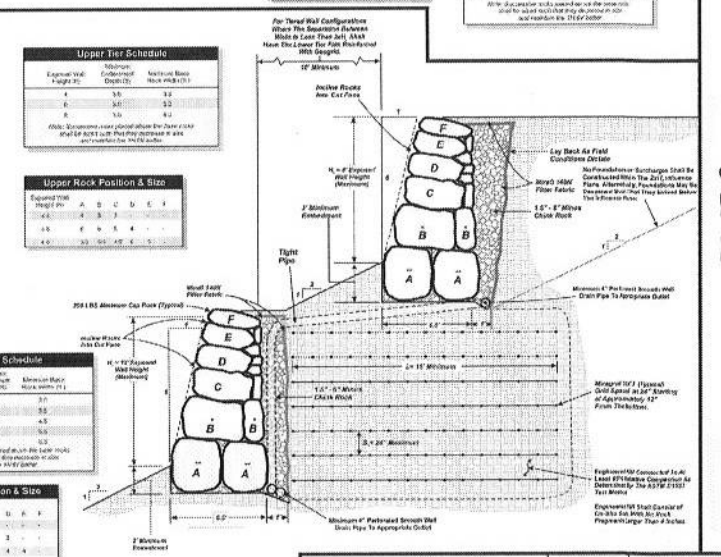
Exposed Wall Height (H)	A	B	C	D	E	F
4	3	3	3	-	-	-
6	4	3	3	-	-	-
8	5	4	4	3	-	-
10	6/6	5/5	4/5	4	5	-

Lower Tier Schedule

Exposed Wall Height (H)	Minimum Embedment Depth (D)	Minimum Base Rock Width (B)
4	1.0	3.0
6	1.0	3.5
8	1.0	4.0
10	1.0	5.5

Note: Excavation rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

ROCKERY WALL DETAIL
(NTS)



Upper Tier Schedule

Exposed Wall Height (H)	Minimum Embedment Depth (D)	Minimum Base Rock Width (B)
4	3.0	3.5
6	3.0	5.0
8	3.0	6.5

Note: Excavation rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

Upper Rock Position & Size

Exposed Wall Height (H)	A	B	C	D	E	F
4	4	3	3	-	-	-
6	5	5	4	-	-	-
8	6/6	5/5	5/5	4	-	-
10	6/6	6/6	5/6	5/6	5/6	5/6

Lower Tier Schedule

Exposed Wall Height (H)	Minimum Embedment Depth (D)	Minimum Base Rock Width (B)
4	3.0	3.0
6	3.0	3.5
8	3.0	4.5
10	3.5	5.5
12	3.5	6.5

Note: Excavation rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

Lower Rock Position & Size

Exposed Wall Height (H)	A	B	C	D	E	F
4	4	3	3	-	-	-
6	5	4	4	3	-	-
8	6	5	5	4	4	-
10	6/6	5/5	4	5	4	-
12	6/6	6/6	6/6	5/6	6	6

ROCKERY WALL DETAIL
(NTS)

CONSTRUCTION NOTES:

1. Rock should be angular, sound, durable, and non-weathered with a minimum density of 150 pounds per cubic foot.

2. Rock wall construction should conform to installation guidelines presented in the rockery contractor's publication "Standard Rock Wall Construction Guidelines" by the Association of Rockery Contractors.

3. Structural inspection of the wall is required by the design engineer during construction.

4. Place each rock individually by equipment suitable for lifting, manipulating, and placing rocks of the size and shape specified. Ensure that each rock is firmly set and supported by underlying materials and within three points of contact with adjacent rocks. Reposition or replace loose rocks.

5. Use rock with minimum Lxb as shown in tables. When L exceeds 6 ft, two approximately equal size base rocks may be used, provided rocks are in contact at ten points or more. Refer to the Rock Position & Size tables in each case.

6. Place base, facing and cap rocks so that their height dimension is not greater than their width. The longest dimension of base, facing, and cap rocks is perpendicular to face of rockery.

7. Where loose, soft, or otherwise unsuitable foundation soil conditions are encountered, contact the geotechnical engineer for supplemental recommendations.

8. Surround the perforated pipe on all sides by at least 6 inches of permeable backfill. Discharge outlet pipes to a protected outlet or other permanent drainage structure at the toeside of the rockery alignment.

9. Stability of temporary cut slopes is the responsibility of the contractor.

10. Do not construct rockeries exceeding the heights shown on the Rockery Design Schedule without prior written approval by the design engineer.

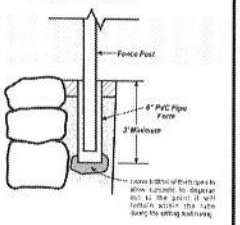
* Where double stacking occurs, the larger rock shall be placed toward the face of the wall.

** When base rock width exceeds 5', two rocks of approximately equal size may be used to achieve the required width. If this option is selected, the base rocks should be well seated and in contact with each other in at least 2 points.

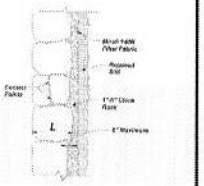
Rock Size Table

Rock Size (Wt#)	Rock Weight (Pounds)	Average Dimension (Inches)
1	50-200	12-18
2	200-700	19-28
3	700-2000	29-34
4	2000-4000	35-43
5	4000-6000	45-54
6	6000-8000	54-61

FENCE POST DETAIL



BASE ROCK PLAN VIEW
(See Note 5)



Project No.: E13227.004	ROCKERY WALL DETAILS & NOTES	FIGURE 1
April 2017		