Allen Rd

E Allen Road

N Cactus Blvd

RANCHO MORADO

N Fox Ave

N Ave Flamante

Cactus Boulevard
Landscape protection plan
Allen Road to Camino Pocero Parque

RillitoBend
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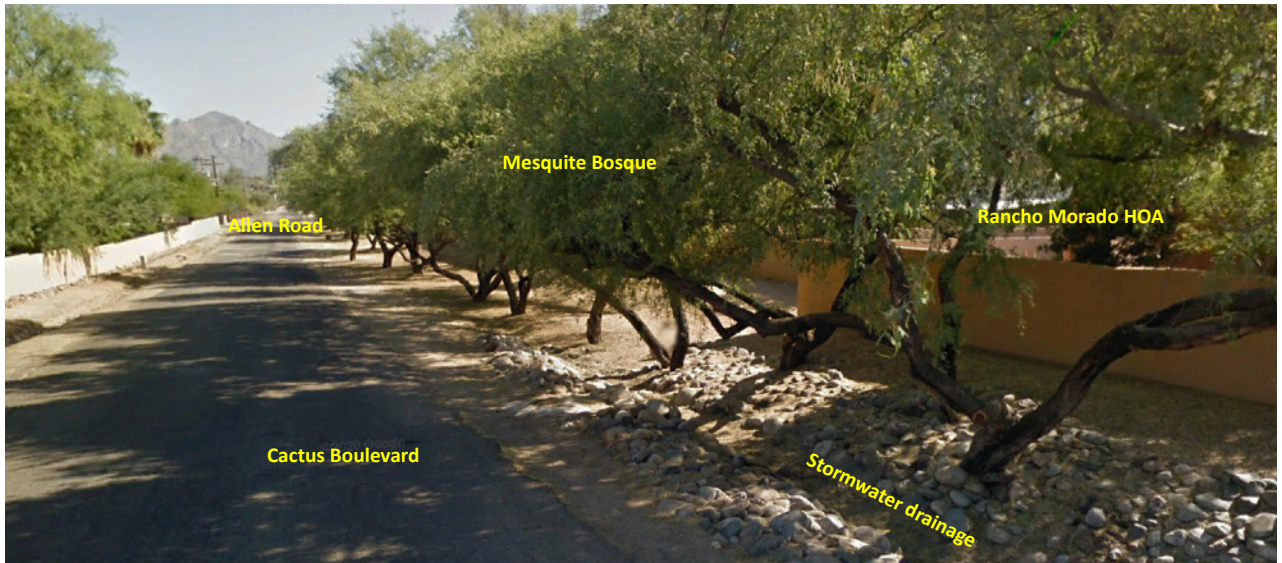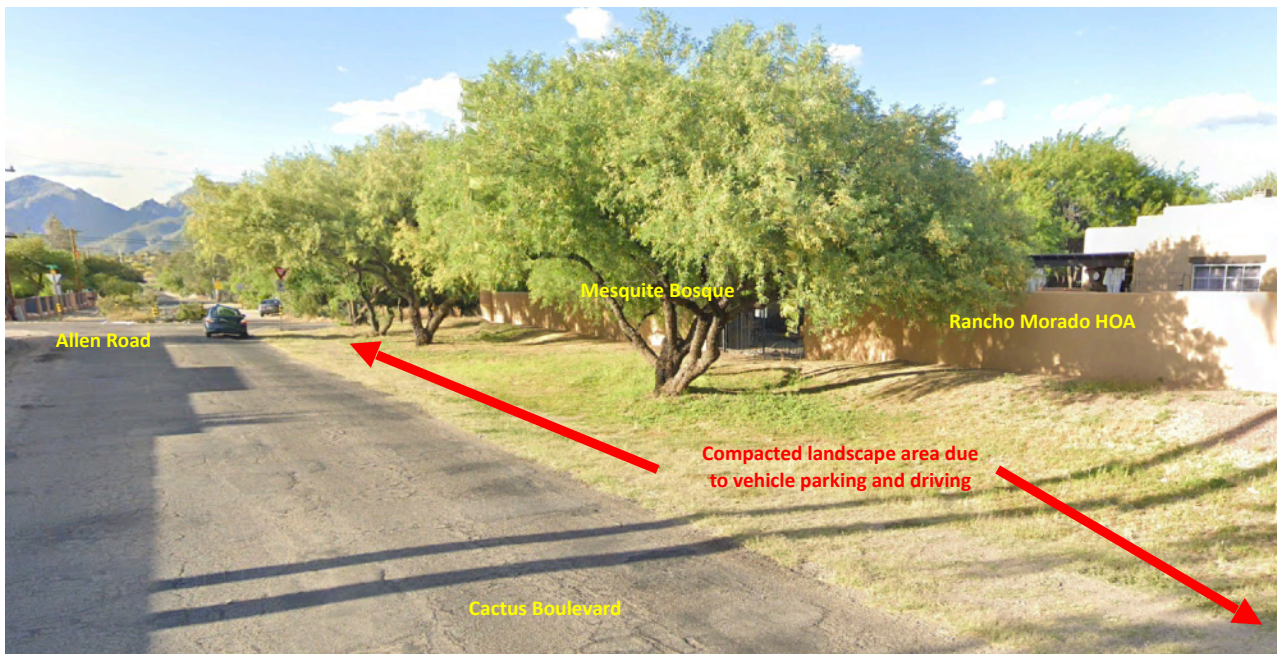
E Camino Pocero Parque

E Cam

PROPOSAL:

A section of Cactus Boulevard on the east side of the road from E. Camino Pocero Parque to E. Allen Road has a bosque of heritage mesquite trees that need protection from vehicle traffic and parking. Note that the Neighborhood has a Vision for the entire length of Cactus Boulevard: https://rillitobendna.org/documents.html#cacbulprop
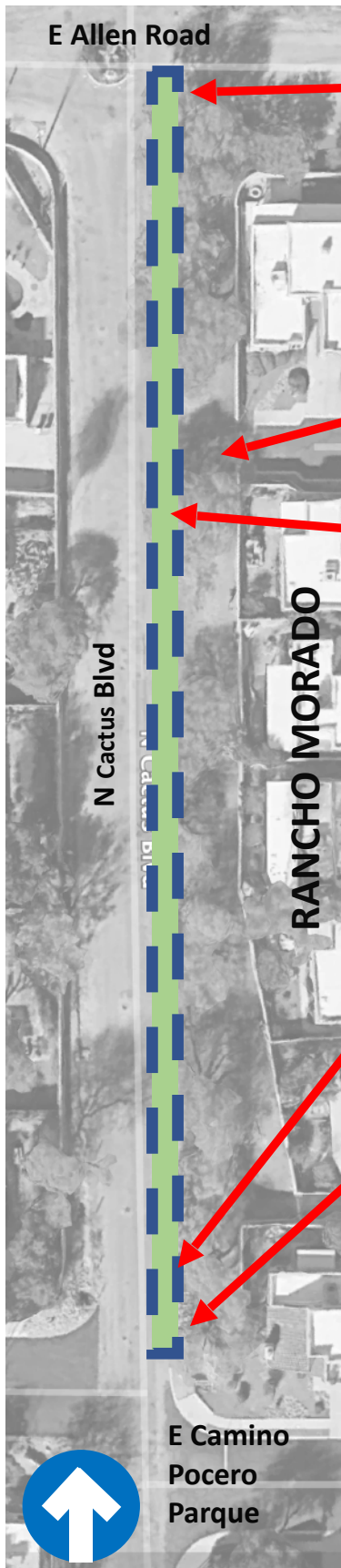

Mesquites on east side of Cactus Boulevard – looking north from Camino Pocero Parque

CHALLENGES:

1. Vehicles will drive on the unpaved landscape area under the mesquite bosque.
2. Service vehicles will use the shaded landscape area for parking.
2. Plants and mesquite understory areas are becoming compacted due to vehicle use
3. Stormwater will not infiltrate the compacted landscape areas and contribute to downstream flooding
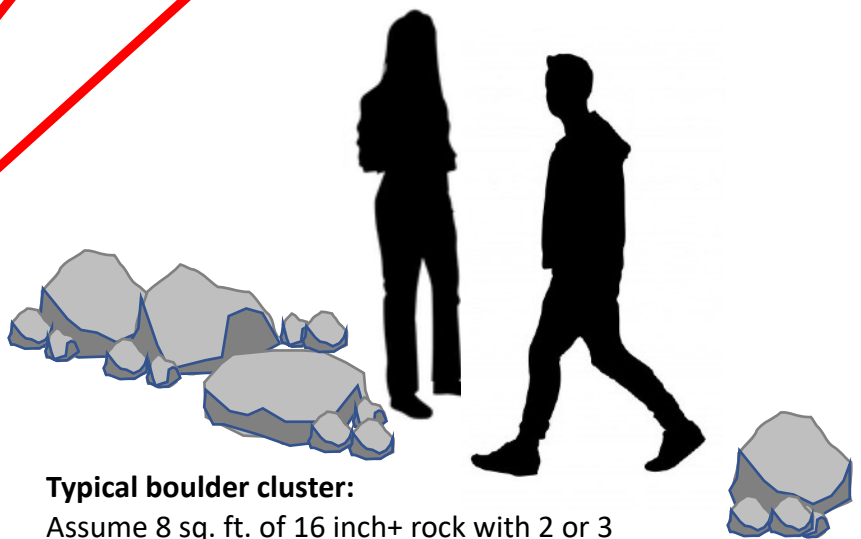

Mesquites on east side of Cactus Boulevard – looking north near Allen Road

SCOPE:

1. Define a section of the unpaved right-of-way to place landscape boulders a safe distance from the vehicle lane for pedestrian access.

2. Provide a pedestrian access path with adjacent seating on the landscape boulders to the existing Rancho Morado Homeowners Association pedestrian gate.

3. Place boulders in clusters to allow pedestrians to walk between clusters but to prevent vehicles from driving and parking under the mesquites – see diagram below and on the following sheets.

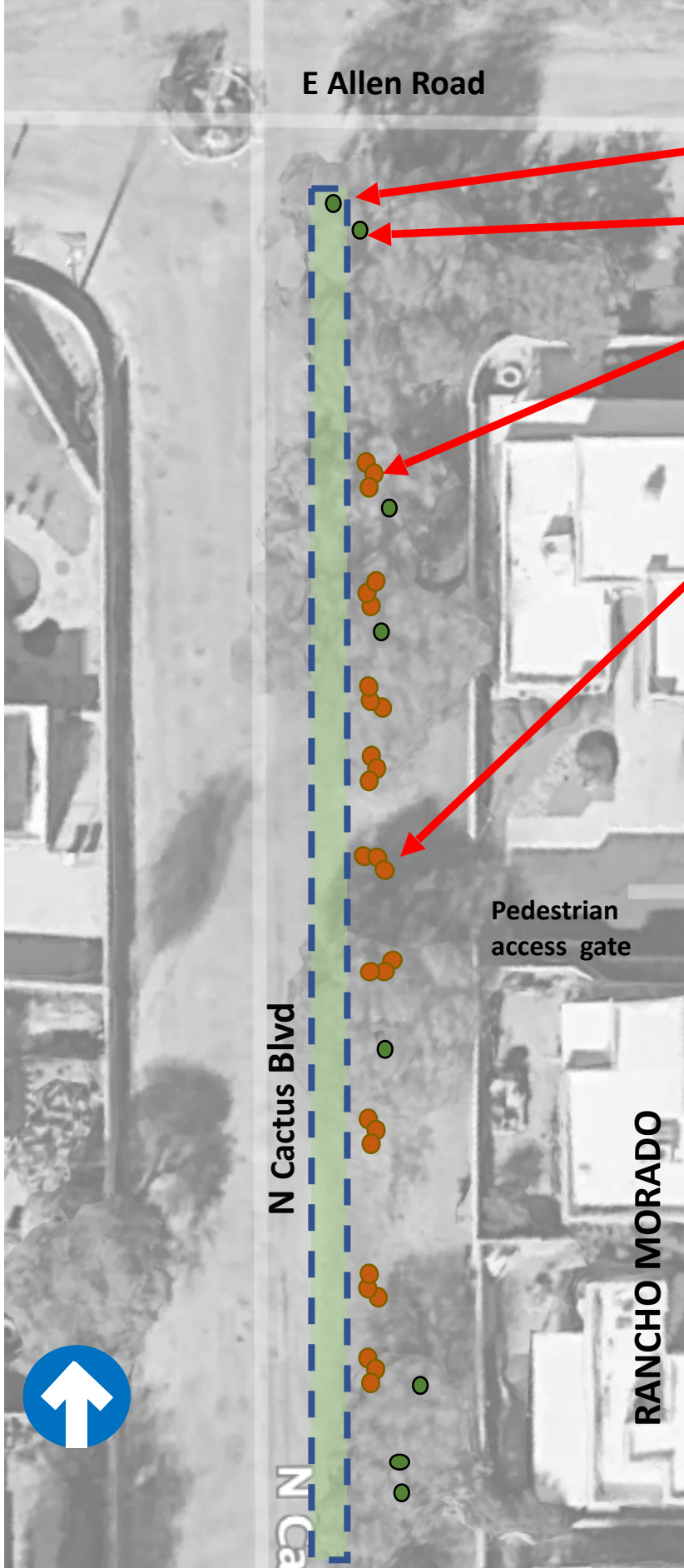4. Maintain the existing stormwater drainage flow into the mesquite bosque landscape area.

E Allen Road

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E Camino Pocero Parque

Typical boulder cluster:
Assume 8 sq. ft. of 16 inch+ rock with 2 or 3 2'x3' and 3'x3' individual boulders.

Space clusters approximately 6- 8 feet apart
NOTE: Total length = +/- 400 ft

NORTH SECTION:

E Allen Road

N Cactus Blvd

Pedestrian access gate

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- ❏ 8 foot setback from pavement

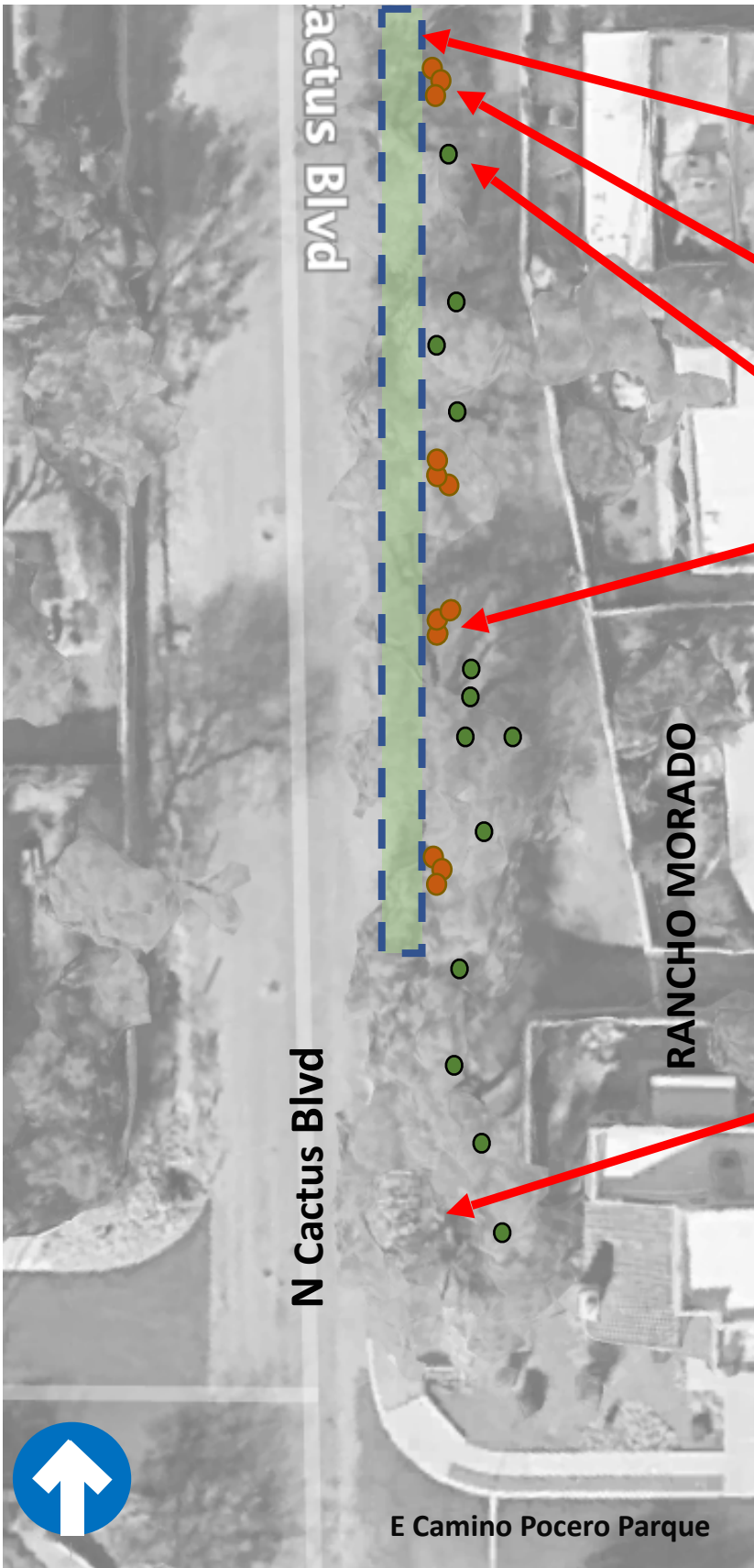- ❏ Typical mesquite trunks approximate locations

- ❏ Typical boulder cluster

- ❏ Boulder seating clusters at pedestrian access path to the existing Rancho Morado Homeowners Association pedestrian gate.

BOULDER COUNT ESTIMATE:
9 clusters X 3 boulders = 27 boulders

BOULDER COVERAGE ESTIMATE:
Cluster = 4' x 2' = 8 sq ft
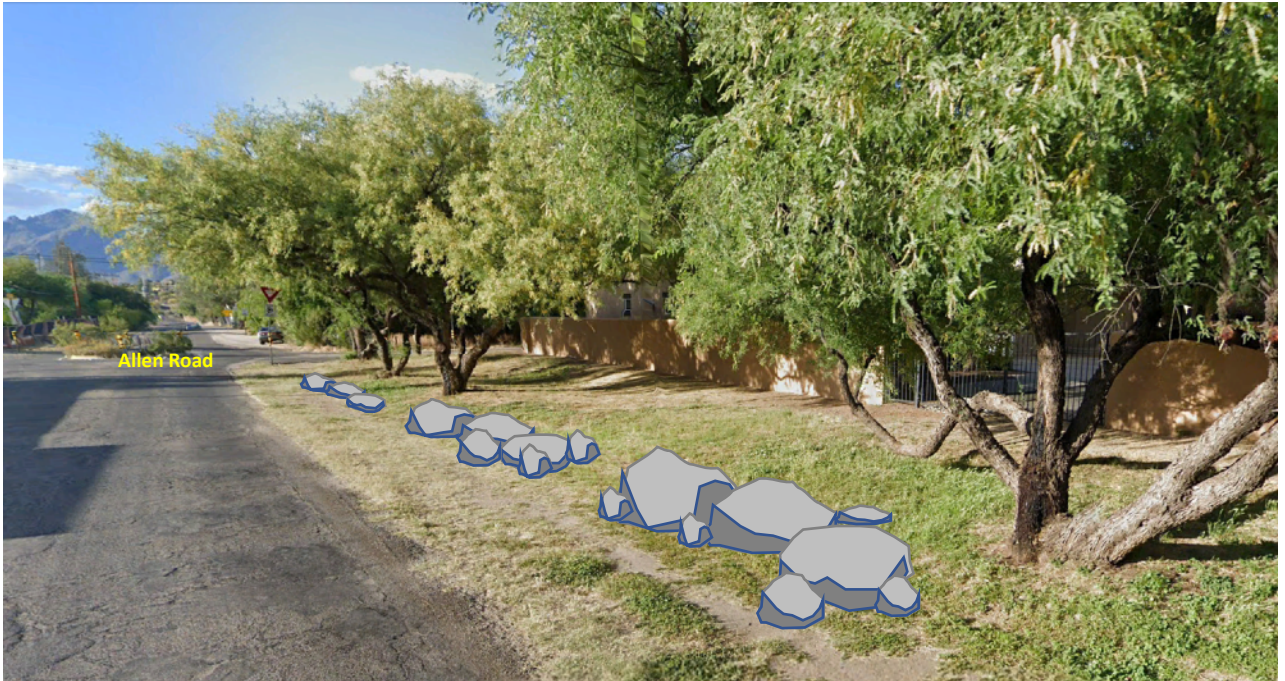9 Clusters x 8 sq ft = 72 sq ft

4

SOUTH SECTION:

❑ 8 foot setback from pavement

❑ Typical boulder cluster

❑ Typical mesquite trunks approximate locations

❑ Typical boulder cluster

❑ Maintain existing stormwater drainage

BOULDER COUNT ESTIMATE:
4 clusters X 3 boulders = 12 boulders

BOULDER COVERAGE ESTIMATE:
Cluster = 4' x 2' = 8 sq ft
4 Clusters x 8 sq ft = 32 sq ft

Cactus Blvd

N Cactus Blvd

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E Camino Pocero Parque

EXAMPLE BOULDER CLUSTER PLACEMENT ILLUSTRATIONS:

Mesquites on east side of Cactus Boulevard – looking north toward Allen Road

Looking south toward Camino Pocero Parque

TOTAL BOULDER COUNT ESTIMATE:
13 clusters X 3 boulders = 39 boulders

TOTAL BOULDER COVERAGE ESTIMATE:
Cluster = 4' x 2' = 8 sq ft
13 Clusters x 8 sq ft = 184 sq ft

BOULDER BUDGET ESTIMATE – per Churchman's (520-325-1611):
+16" rock = $42/yard
Individual bounders:
2x3 = $65
3x3 = $85
Pricing assumption:
12 yards of +16 = $42 x 12 = $504
10 2x3 boulders = 10 x $65 = $650
10 3x3 boulders = 10 x $85 = $850
TOTAL MATERIAL: $2,500 + $2,,500 LABOR = $5,000 BUDGET