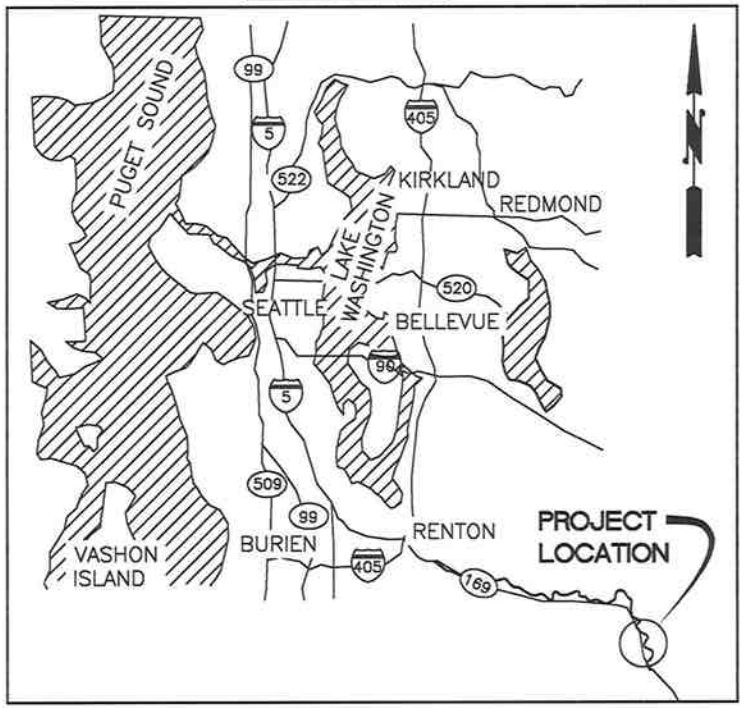
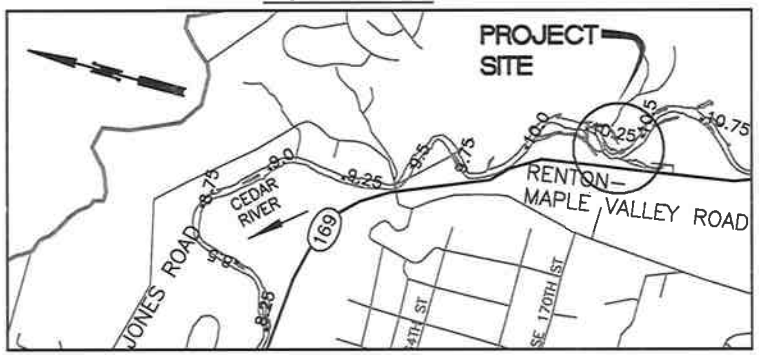
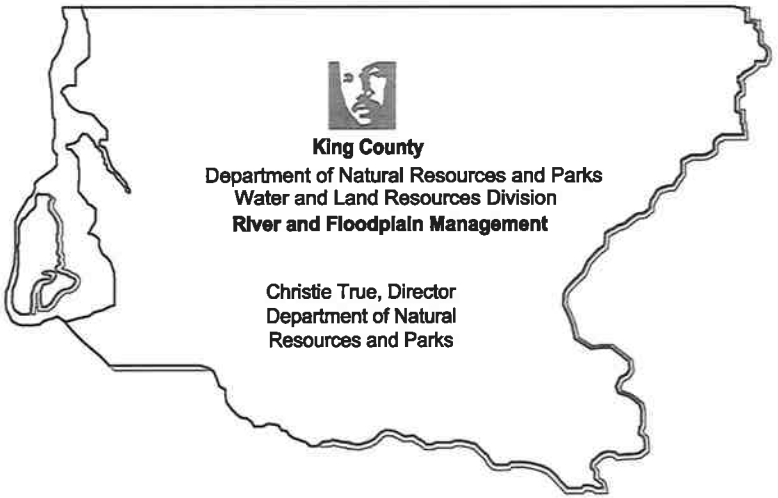
## LOCATION MAP




## VICINITY MAP




| SHEET | DESCRIPTION |
|---|---|
| 1 | VICINITY MAP AND INDEX |
| 2 | PROPOSED SITE PLAN |
| 3 | ENGINEERED LOG JAMS PLAN & SECTIONS |
| 4 | BOULDER CLUSTERS PLAN & SECTIONS |
| 5 | PLANTING PLAN |



**King County**
Department of Natural Resources and Parks
Water and Land Resources Division
**River and Floodplain Management**

Christie True, Director
Department of Natural
Resources and Parks

# BELMONDO REVETMENT ENHANCEMENT

## CEDAR RIVER

**RIVER MILE 10.3 to 10.4**

**16916 RENTON-MAPLE VALLEY RD SE**

## AREA MAP

SW 1/4 OF SECT. 29, T. 23 N., R. 6 E.
KING COUNTY

THE EXISTING TOPOGRAPHIC AND PHYSICAL FEATURES SHOWN ON THIS PLAN ARE BASED ON A COMBINATION OF FIELD OBSERVATIONS AND LAND SURVEY USING ASSUMED BASIS OF COORDINATES

PROPOSED WORK:
CONSTRUCT 365 L.F. VEGETATED GEOGRID, TWO ENGINEERED LOG JAMS AND TWO BOULDER CLUSTERS

King County

SHEET: 1 OF 5
DATE: OCT 4, 2011

PROJECT TITLE:
BELMONDO REVETMENT ENHANCEMENT

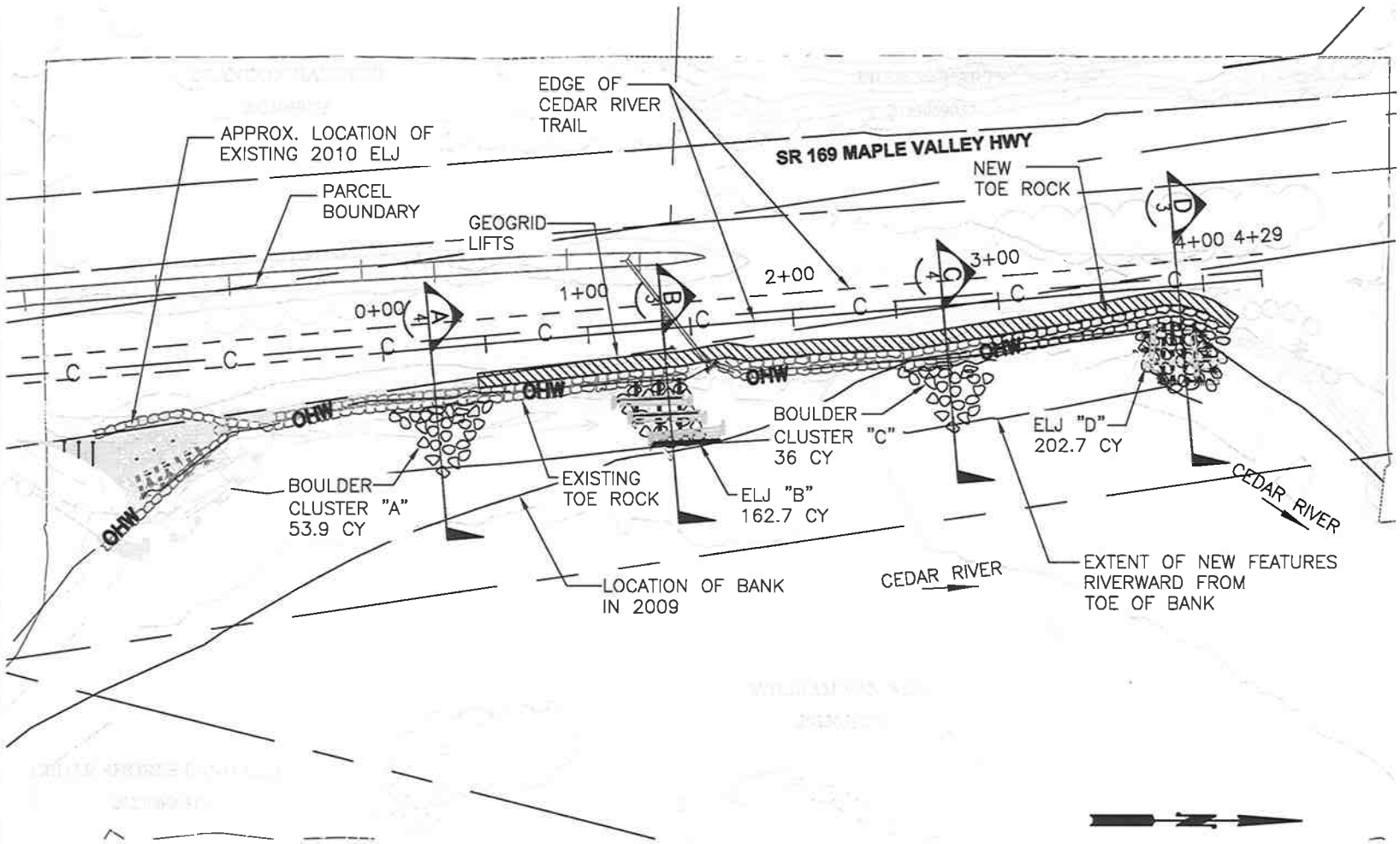
SHEET TITLE:
VICINITY MAP AND INDEX

SCALE: NOT TO SCALE
DESIGNED BY: MASON BOWLES
DRAWN BY: LICA DULAN

PURPOSE:
ENHANCE 380 L.F. REVETMENT FACILITY

DIRECTIONS TO SITE:
16916 RENTON MAPLE VALLEY RD SE

DATUM: ASSUMED




**LEGEND:**

| | |
|---|---|
| ELJ | ENGINEERED LOG JAM |
| OHW | ORDINARY HIGH WATER |
| C | FIBER OPTIC CABLE |

PROPOSED WORK:
CONSTRUCT 365 L.F. VEGETATED GEOGRID, TWO ENGINEERED LOG JAMS AND TWO BOULDER CLUSTERS

King County

SHEET: 2 OF 5
DATE: OCT 4, 2011

PROJECT TITLE:
BELMONDO REVETMENT ENHANCEMENT

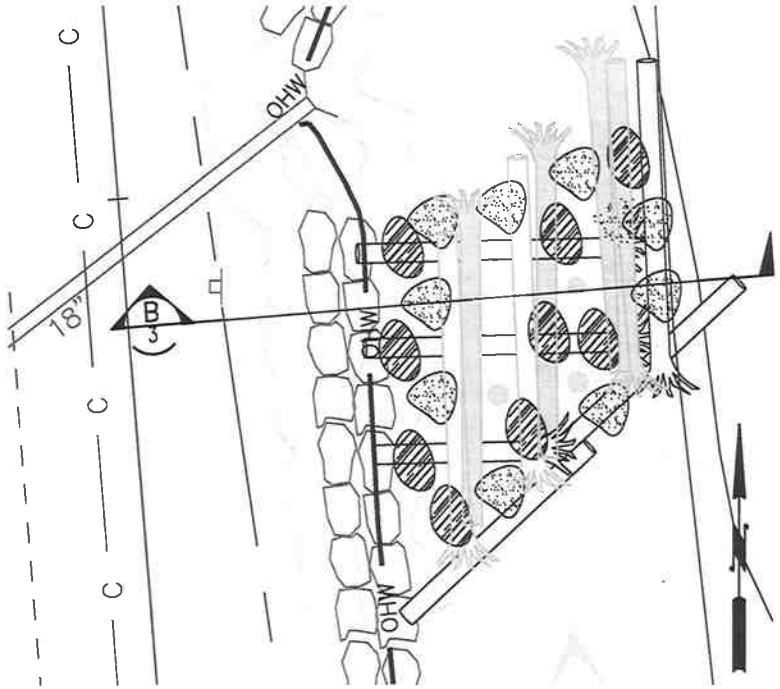
SHEET TITLE:
PROPOSED SITE PLAN

SCALE: 1"=80'
DESIGNED BY: MASON BOWLES
DRAWN BY: LICA DULAN

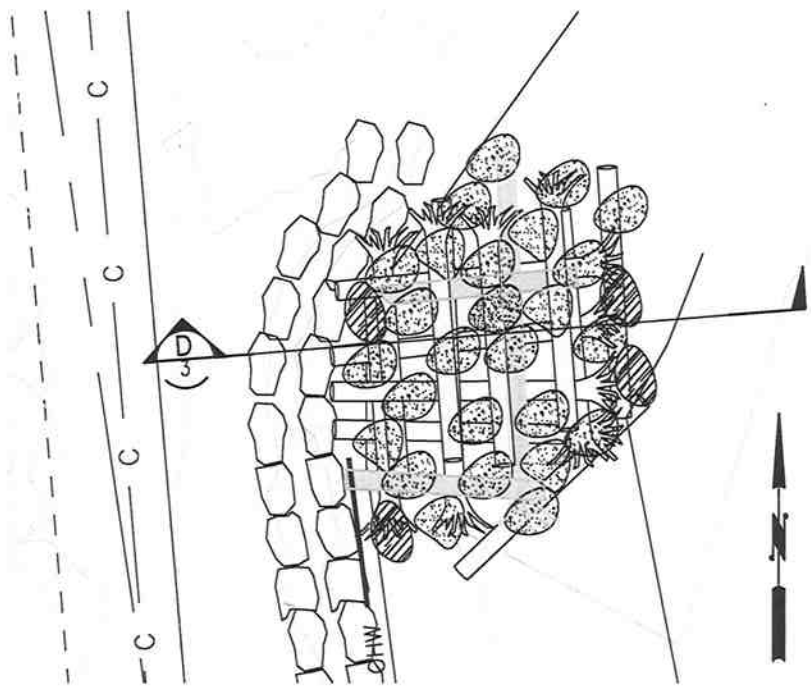
PURPOSE:
ENHANCE 380 L.F. REVETMENT FACILITY

DIRECTIONS TO SITE:
16916 RENTON MAPLE VALLEY RD SE

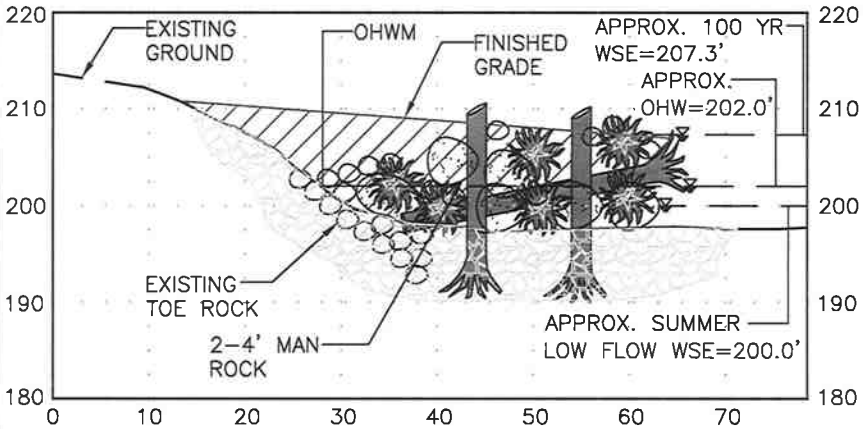
DATUM: ASSUMED



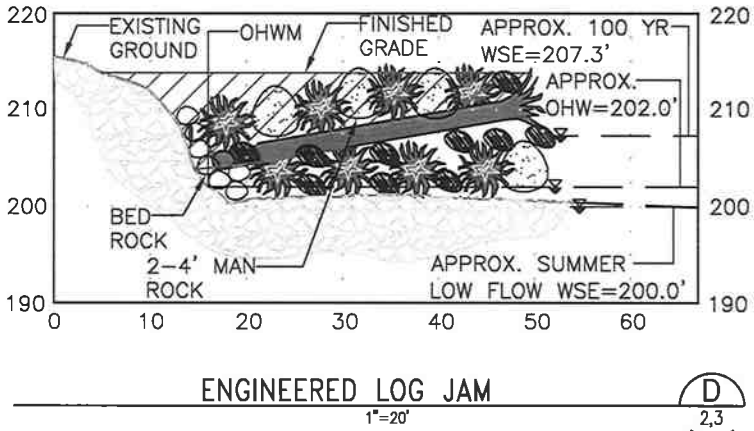

SECTION B-B
1"=20'




SECTION D-D
1"=20'




ENGINEERED LOG JAM
1"=20'
B
2,3




ENGINEERED LOG JAM
1"=20'
D
2,3

PROPOSED WORK:
CONSTRUCT 365 L.F. VEGETATED GEOGRID, TWO ENGINEERED LOG JAMS AND TWO BOULDER CLUSTERS

King County

SHEET: 3 OF 5
DATE: OCT 4, 2011

PROJECT TITLE:
BELMONDO REVETMENT ENHANCEMENT

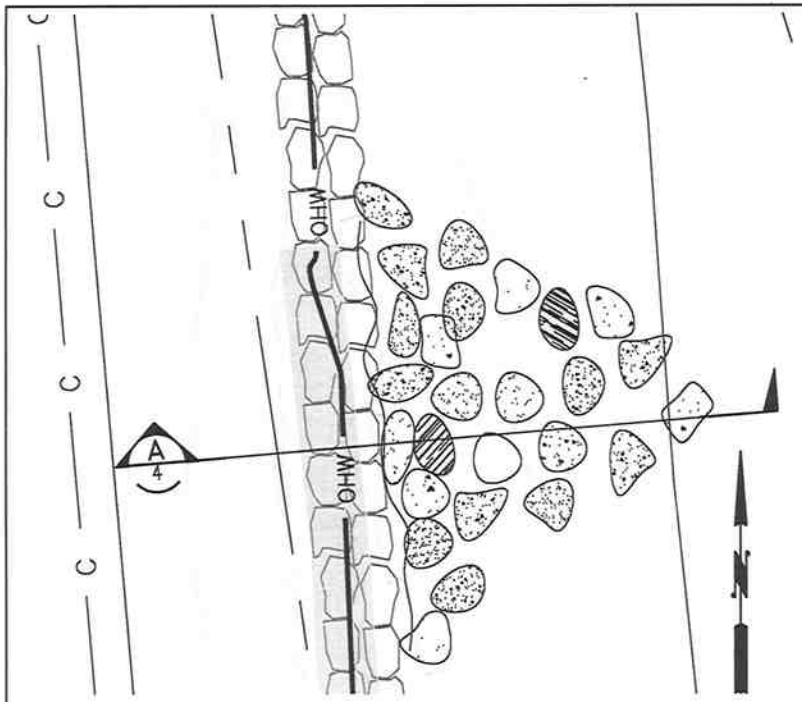
SHEET TITLE:
ENGINEERED LOG JAMS
PLAN AND SECTIONS

SCALE: 1"=20'
DESIGNED BY: MASON BOWLES
DRAWN BY: LICA DULAN

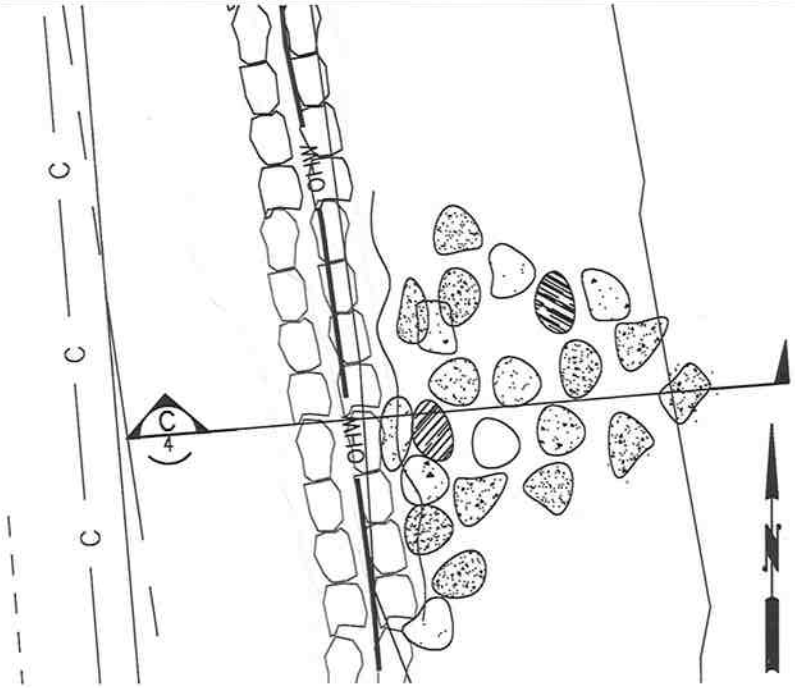
PURPOSE:
ENHANCE 380 L.F. REVETMENT FACILITY

DIRECTIONS TO SITE:
16916 RENTON MAPLE VALLEY RD SE

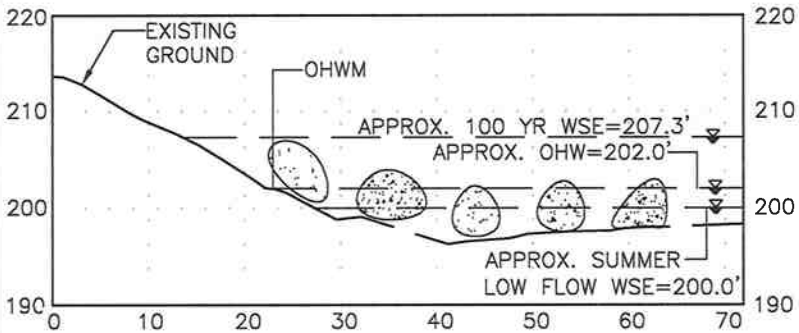
DATUM: ASSUMED



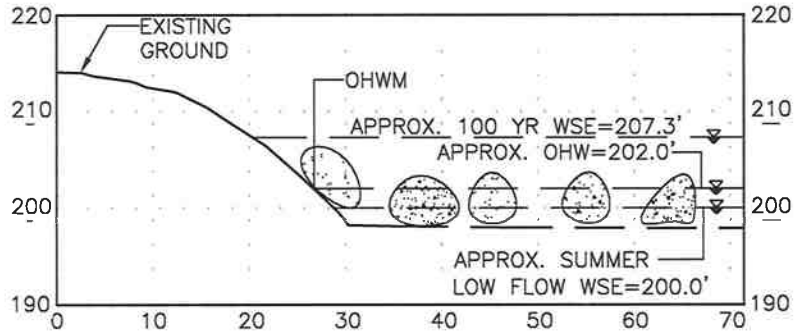

SECTION A-A
1"=20'




SECTION C-C
1"=20'




BOULDER CLUSTER
1"=20'
A
2,4




BOULDER CLUSTER
1"=20'
C
2,4

PROPOSED WORK:
CONSTRUCT 365 L.F. VEGETATED GEOGRID, TWO ENGINEERED LOG JAMS AND TWO BOULDER CLUSTERS

King County

SHEET: 4 OF 5
DATE: OCT 4, 2011

PROJECT TITLE:
BELMONDO REVETMENT ENHANCEMENT

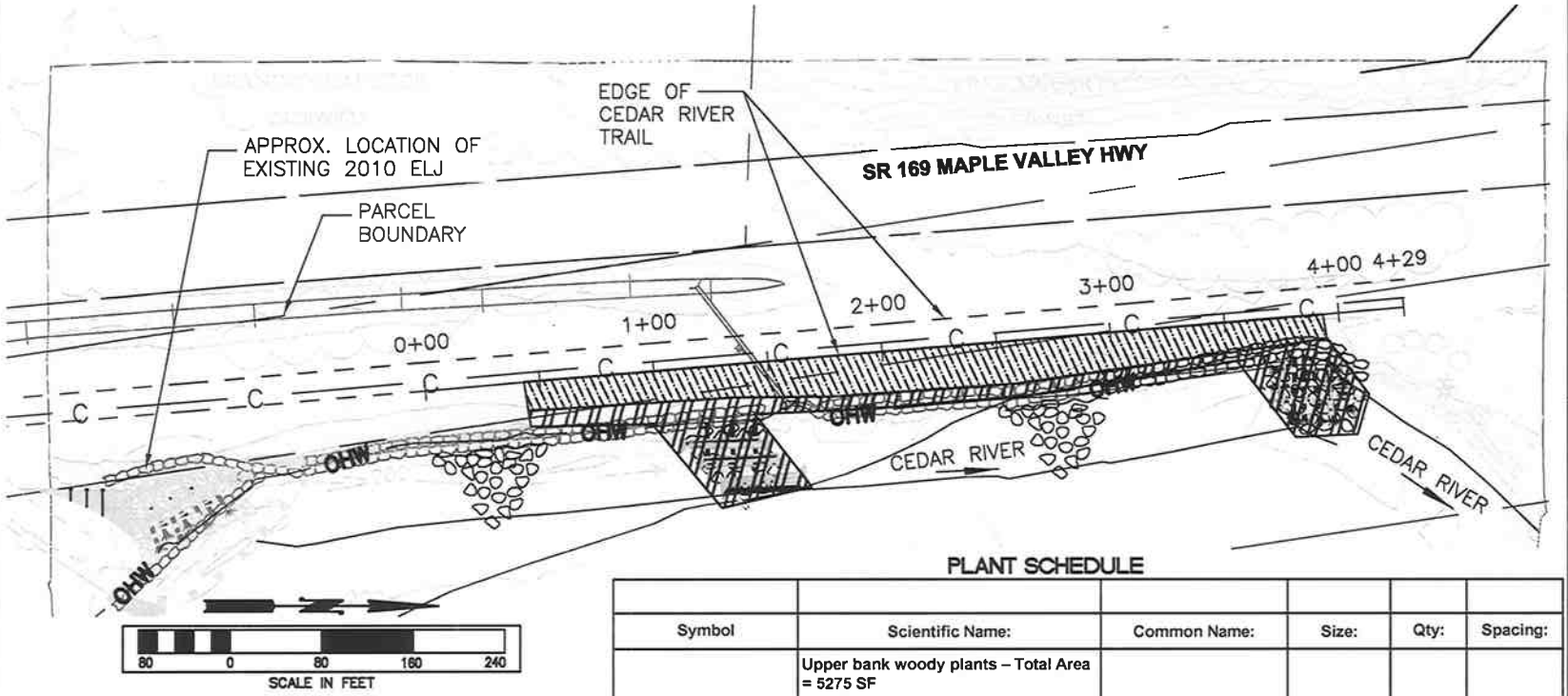
SHEET TITLE:
BOULDER CLUSTERS
PLAN AND SECTIONS

SCALE: 1"=20'
DESIGNED BY: MASON BOWLES
DRAWN BY: LICA DULAN

PURPOSE:
ENHANCE 380 L.F. REVETMENT FACILITY

DIRECTIONS TO SITE:
16916 RENTON MAPLE VALLEY RD SE

DATUM: ASSUMED




## PLANT SCHEDULE

| Symbol | Scientific Name: | Common Name: | Size: | Qty: | Spacing: |
|---|---|---|---|---|---|
| | **Upper bank woody plants – Total Area = 5275 SF** | | | | |
| | Big leaf maple | Acer macrophyllum | 2 gal | | |
| | Pseudotsuga menziesii | Douglas fir | 2 gal | | |
| | Holodiscus discolor | Oceanspray | 1- gal | | |
| | Mahonia nervosa | Tall Oregon grape | 1- gal | | |
| | Western hazel | Corylus comuta | 1- gal | | |
| | Symphocarpus albus | Snowberry | 1- gal | | |
| | Ribes sanguineum | Red-flowering currant | 1- gal | | |
| | **Lower bank woody plants – Total Area = 3800 SF** | | | | |
| | Acer macrophyllum | Big leaf maple | 1 gal | | |
| | Salix lucida | Pacific willow | 1 gal | | |
| | Lonicera involucrata | Twinberry | 1 gal | | |
| | Cornus sericea | Red osier dogwood | 1 gal | | |
| | Physocarpus capitatus | Pacific ninebark | 1 gal | | |
| | **Geogrid – upper two rows - 400 lf** | | | | |
| | Salix scouleriana | Scouler willow | 8-9' stakes | | |
| | **Geogrid – lower three rows - 600 lf** | | | | |
| | Salix sitchensis | Sitka willow | 8-9' stakes | | |

PROPOSED WORK:
CONSTRUCT 365 L.F. VEGETATED GEOGRID, TWO ENGINEERED LOG JAMS AND TWO BOULDER CLUSTERS

King County

SHEET: 5 OF 5
DATE: OCT 4, 2011

PROJECT TITLE:
BELMONDO REVETMENT ENHANCEMENT

SHEET TITLE:
PLANTING PLAN

SCALE: 1"=80'
DESIGNED BY: MASON BOWLES
DRAWN BY: LICA DULAN

PURPOSE:
ENHANCE 380 L.F. REVETMENT FACILITY

DIRECTIONS TO SITE:
16916 RENTON MAPLE VALLEY RD SE

DATUM: ASSUMED