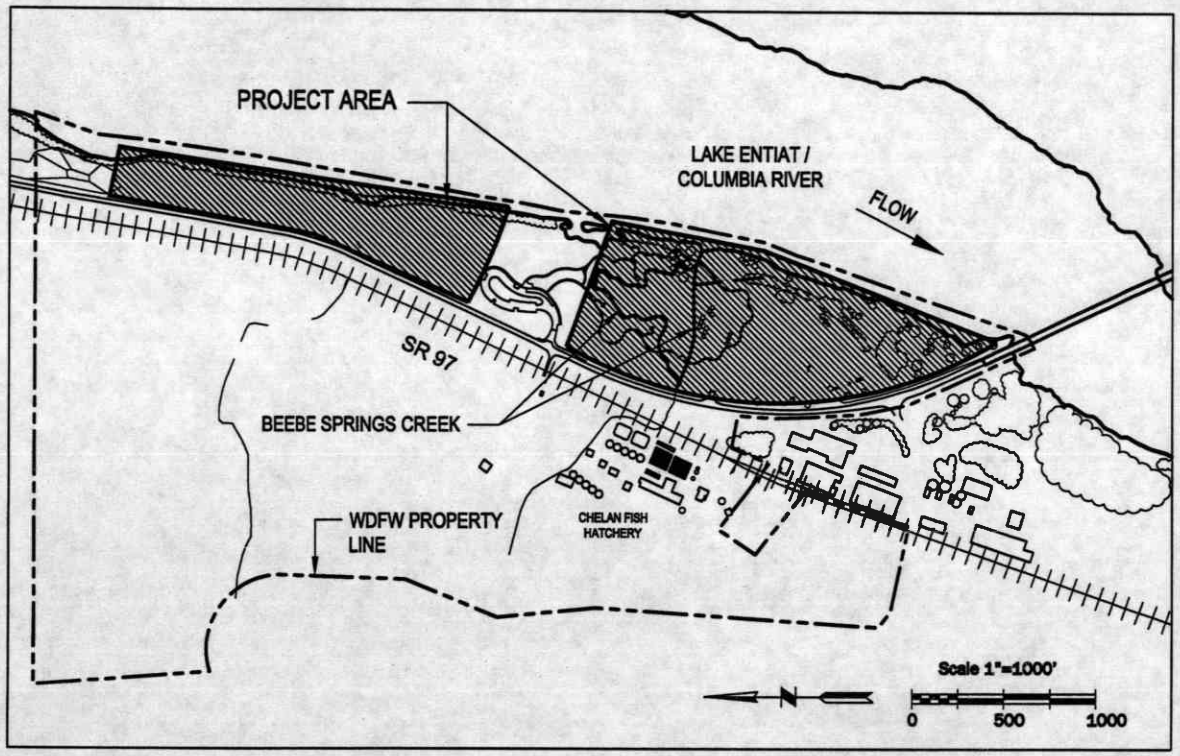
APPENDIX C

PROJECT PLAN AND CONCEPT DRAWINGS



PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

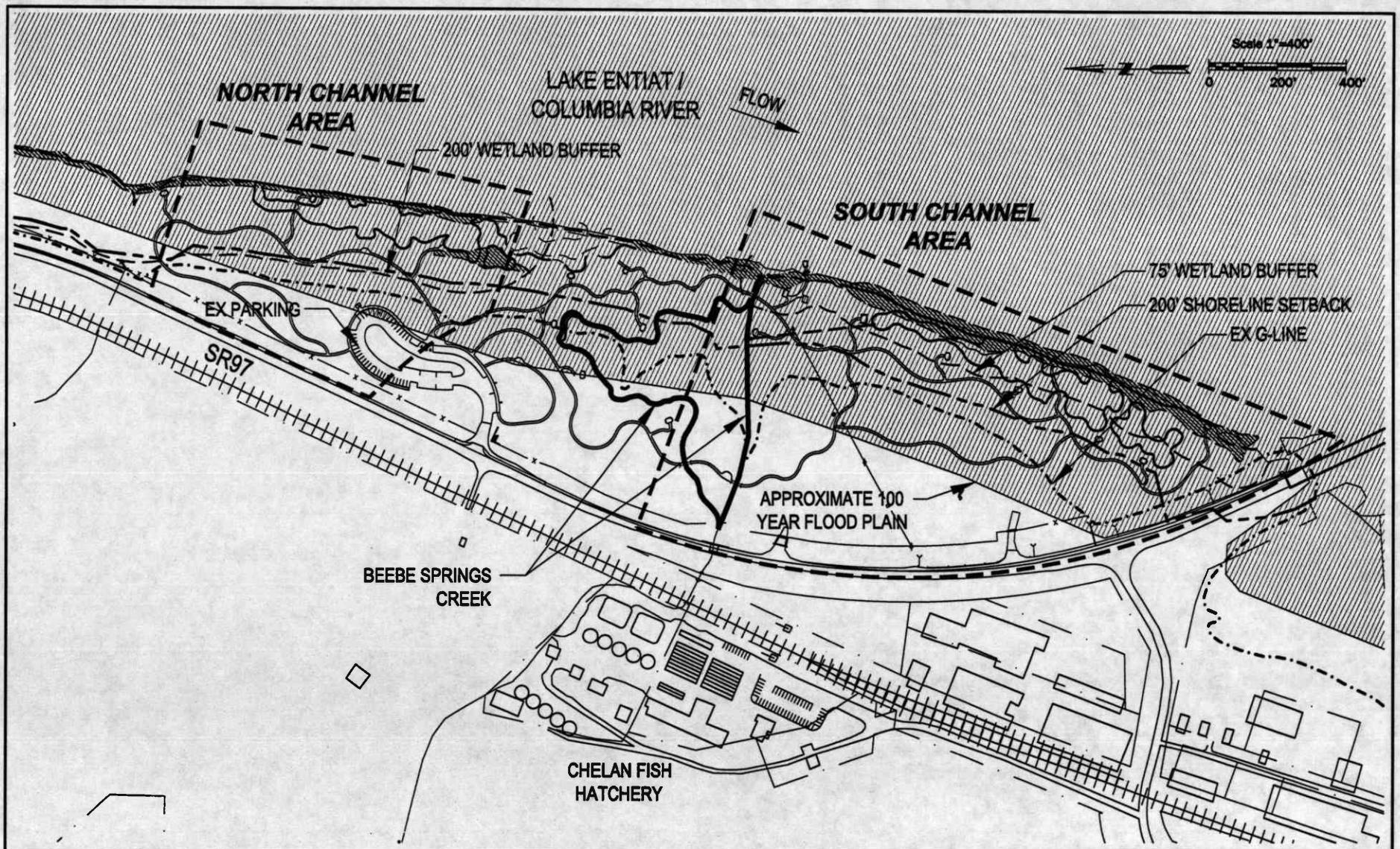
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 1 OF 27: VICINITY MAP

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



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WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

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SHEET 2 OF 27: SITE PLAN AND 100 YEAR FLOOD PLAIN

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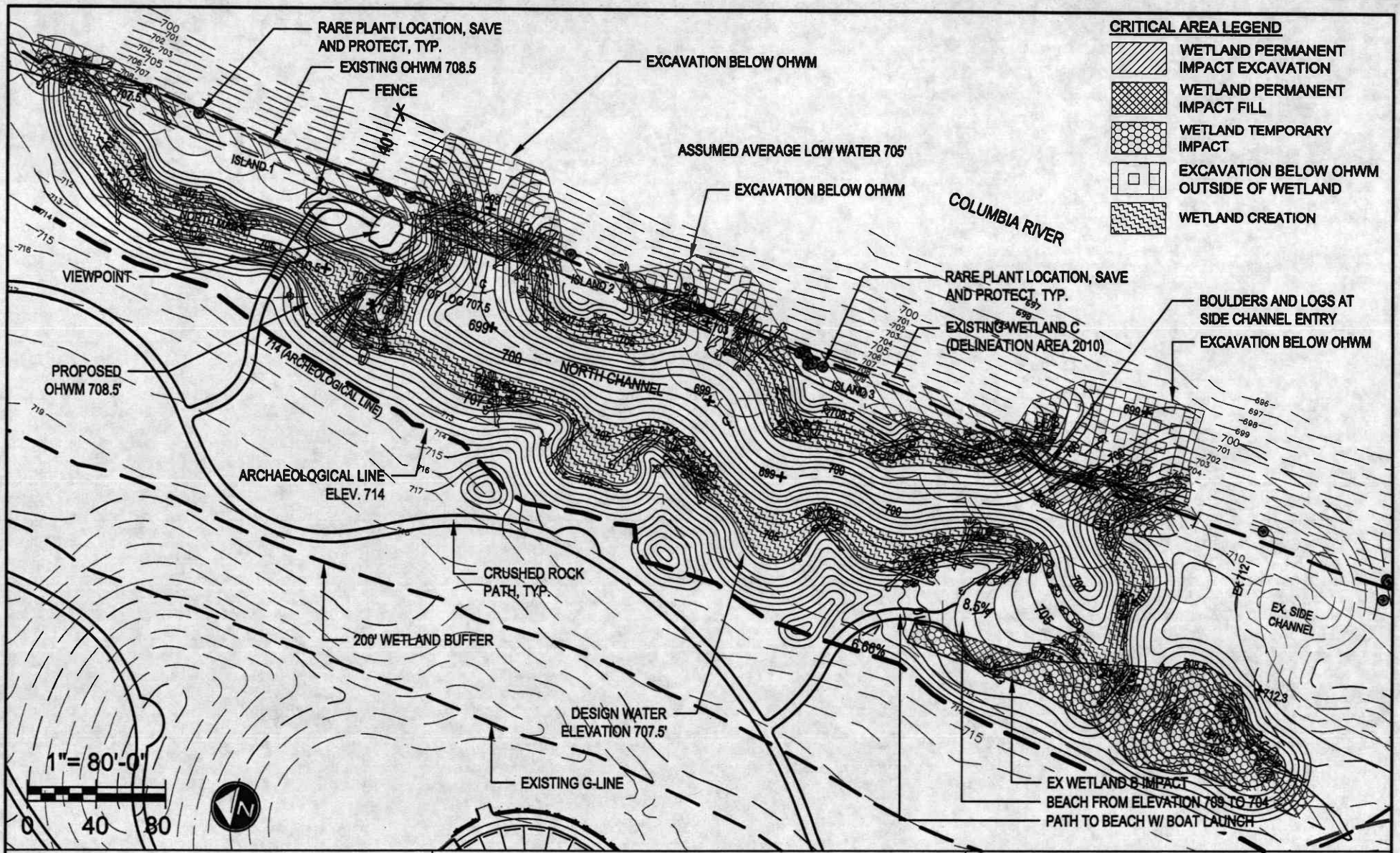

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WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

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Chelan, WA 98816

SHEET 3 OF 27: NORTH SIDE CHANNEL GRADING AND LAYOUT PLAN

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
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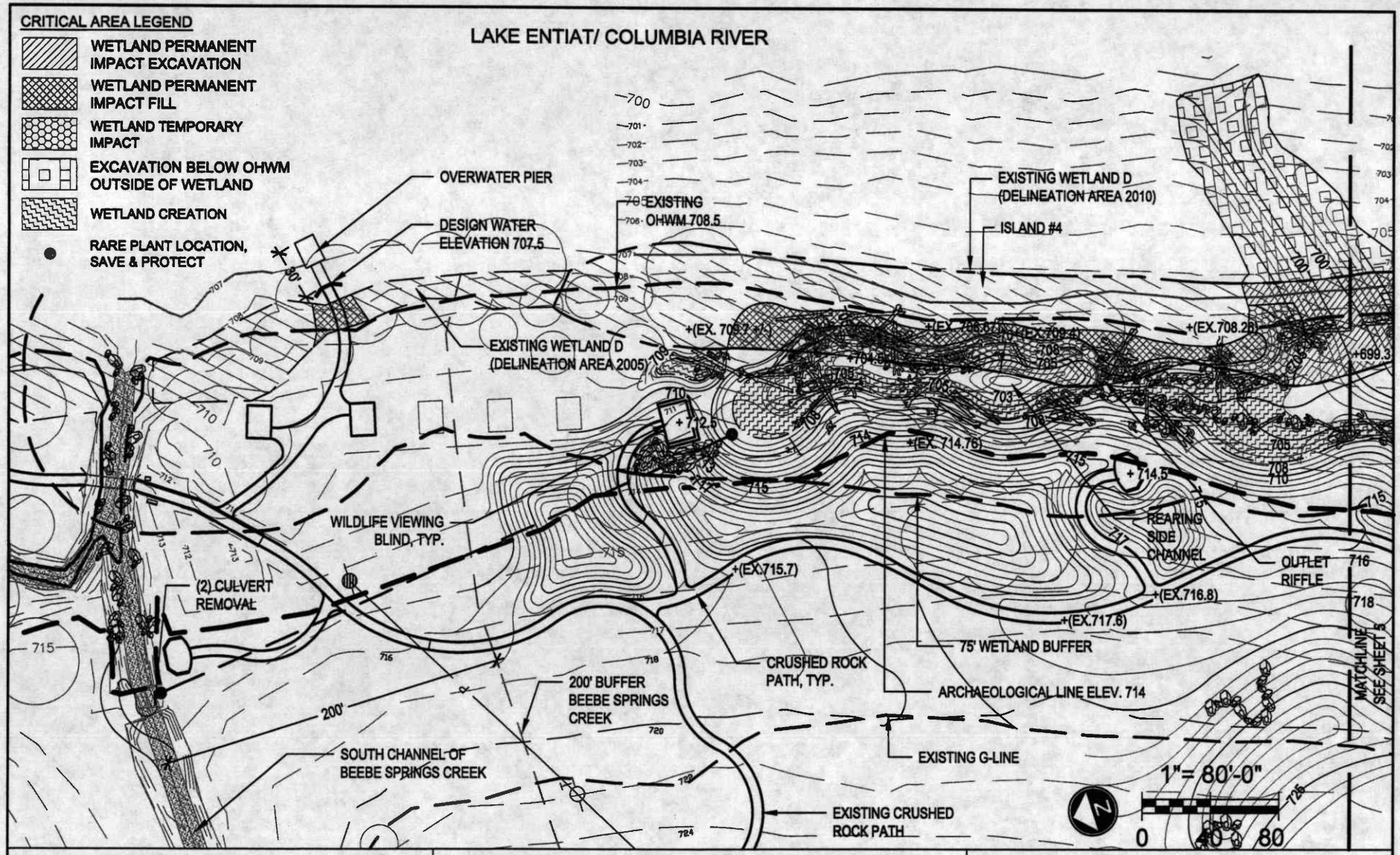

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WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

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SHEET 4 OF 27: SOUTH SIDE CHANNEL GRADING AND LAYOUT PLAN IMPACTS

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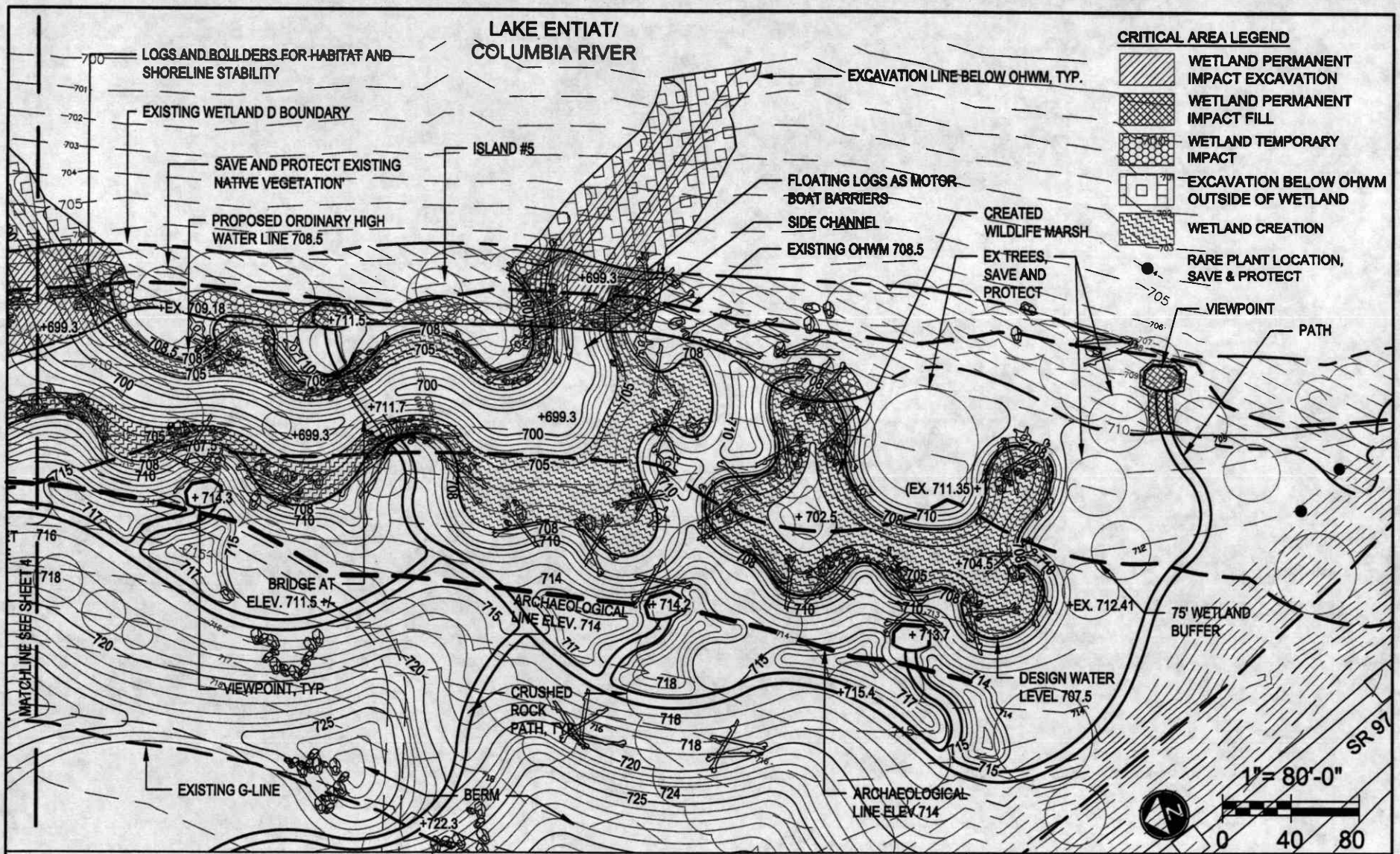

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SHEET 5 OF 27: SOUTH SIDE CHANNEL GRADING AND LAYOUT PLAN IMPACTS CONT.

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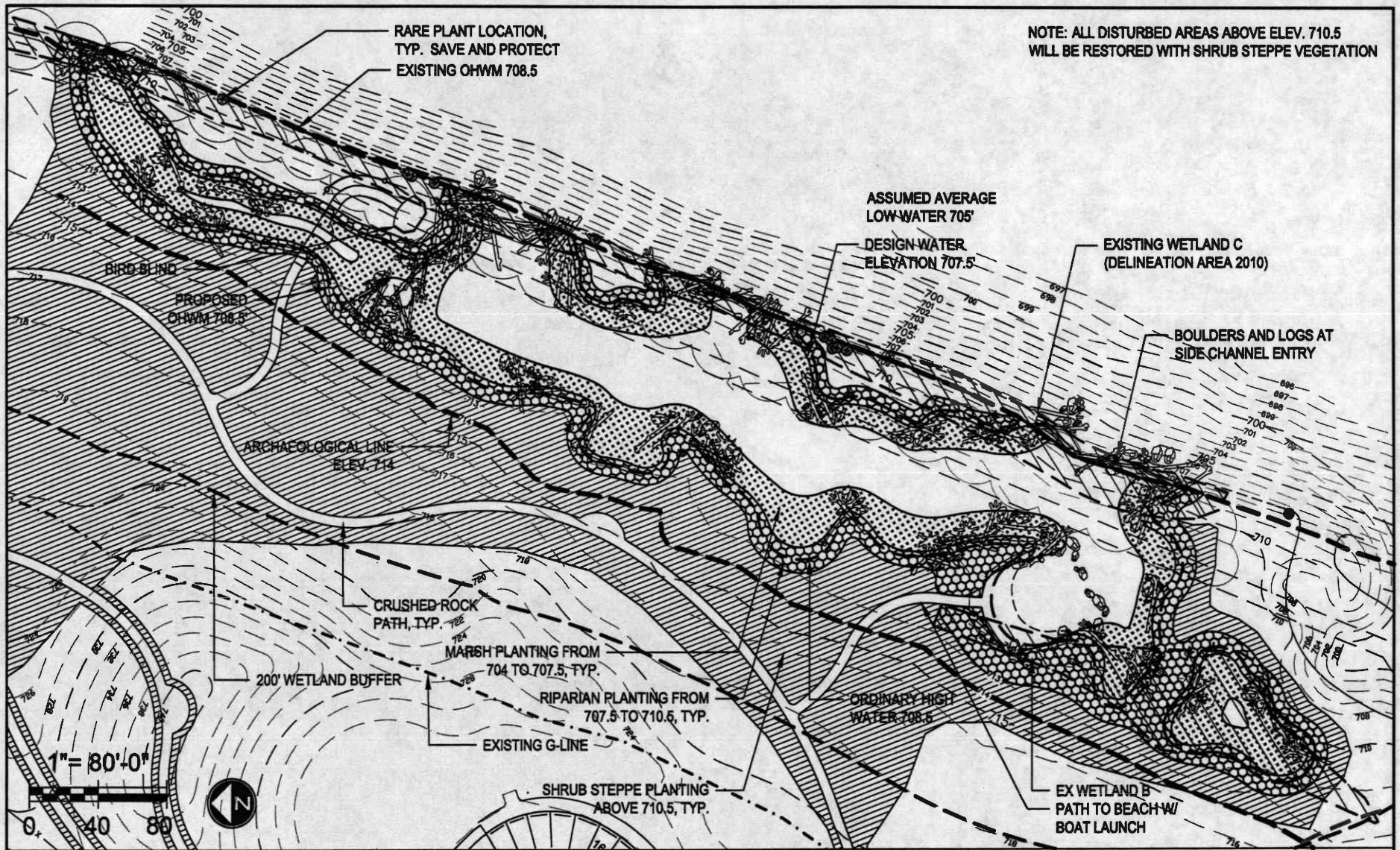

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SHEET 6 OF 27: NORTH SIDE CHANNEL PLANTING PLAN

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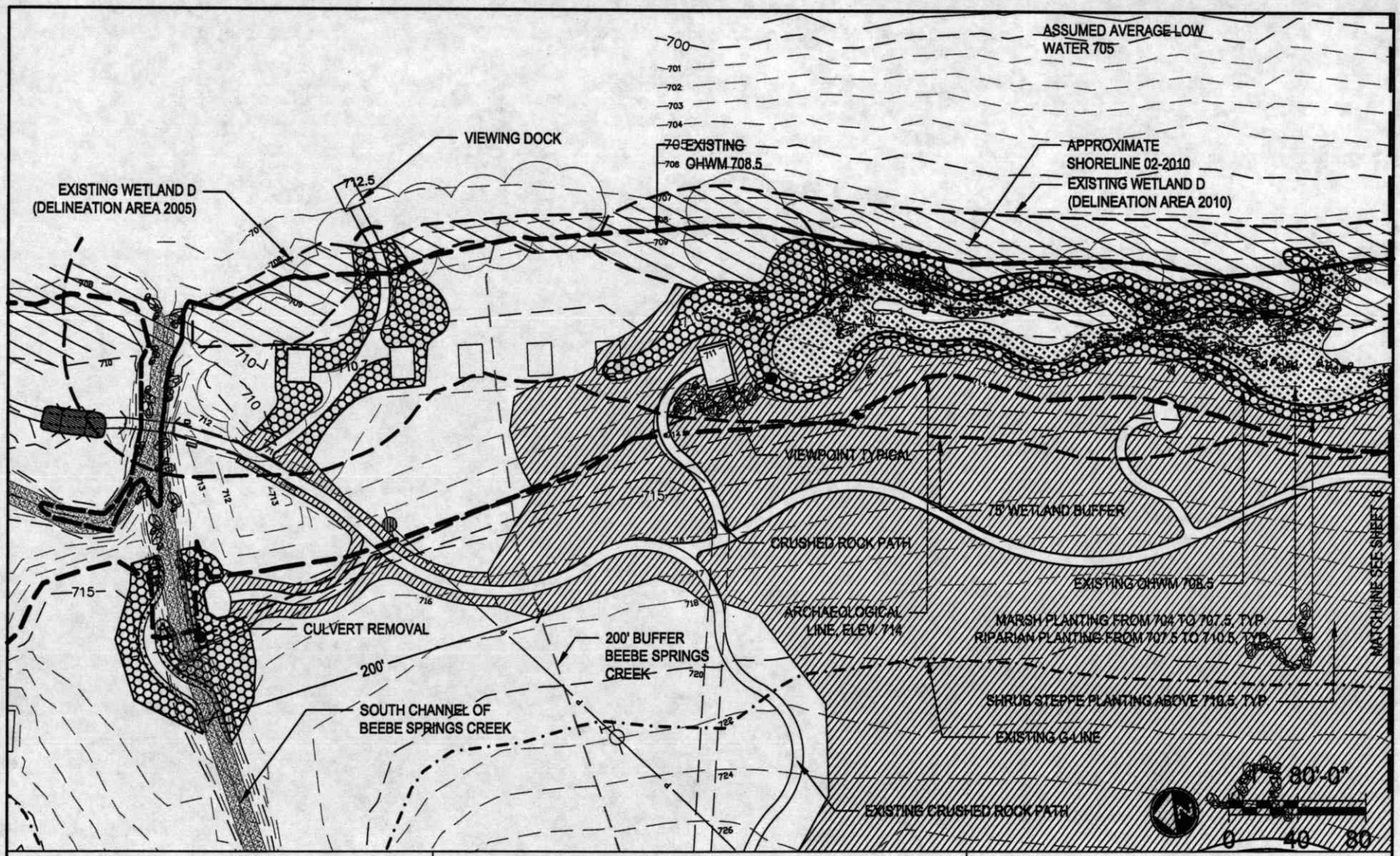

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SHEET 7 OF 27: SOUTH SIDE CHANNEL PLANTING PLAN

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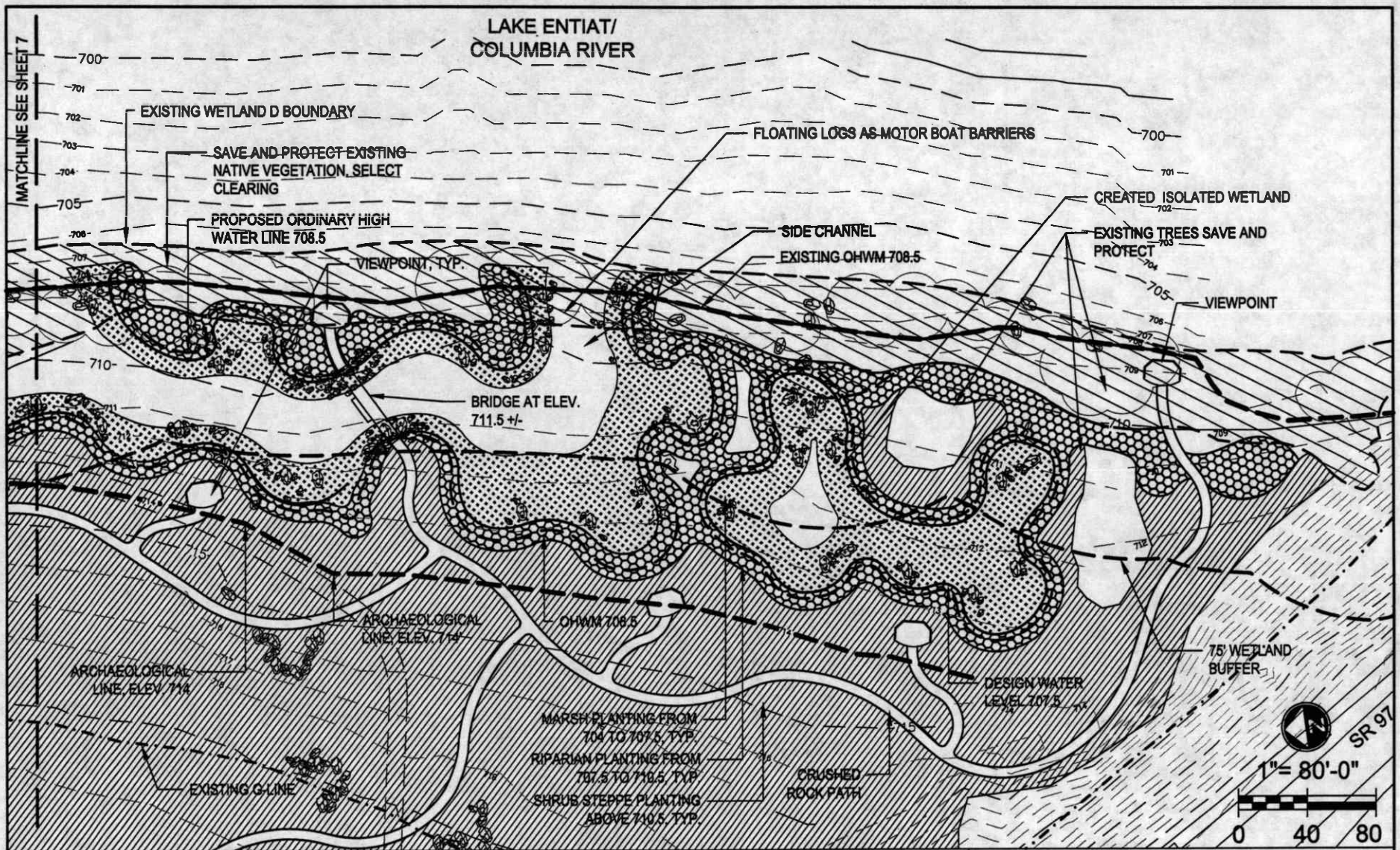

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BEEBE SPRINGS NATURAL AREA PHASE 3

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SHEET 8 OF 27: SOUTH SIDE CHANNEL PLANTING PLAN CONT.

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MARSH / EMERGENT CONTAINERS AND SEED MIXES

SHALLOW MARSH CONTAINER MIX 1

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
		ALISMA TRIVIALE	NORTHERN WATER-PLANTAIN	4" pot	CONTAINER	18" O.C.
		CAREX LENTICULARIS VAR. LIPOCARPA	KELLOGG SEDGE	4" pot	CONTAINER	18" O.C.
		ELEOCHARIS OVATA	OVOID SPIKERUSH	4" pot	CONTAINER	18" O.C.
		MIMULUS GUTTATUS	COMMON MONKEYFLOWER	4" pot	CONTAINER	18" O.C.

SHALLOW MARSH CONTAINER MIX 2

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
		CAREX PRAEGRACILIS	SILVER SEDGE	4" pot	CONTAINER	18" O.C.
		ELEOCHARIS PALUSTRIS	CREEPING SPIKERUSH	4" pot	CONTAINER	18" O.C.
		JUNCUS BALTICUS	BALTIC RUSH	4" pot	CONTAINER	18" O.C.
		POLYGONUM AMPHIBIUM	WATER SMARTWEED	4" pot	CONTAINER	18" O.C.

SHALLOW MARSH CONTAINER MIX 3

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
		CAREX STIPATA	OWLFRUIT SEDGE	4" pot	CONTAINER	18" O.C.
		GLYCERIA STRIATA	FOWL MANNAGRASS	4" pot	CONTAINER	18" O.C.
		JUNCUS ENSIFOLIUS	DAGGER-LEAF RUSH	4" pot	CONTAINER	18" O.C.
		SPARGANIUM EMERSUM	NARROW-LEAF BUR-REED	4" pot	CONTAINER	18" O.C.

DEEP MARSH CONTAINER MIX 4

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
		NUPHAR POLYSEPALUM	SPADDERDOCK	4" pot	CONTAINER	18" O.C.
		POTAMOGETON NATANS	FLOATING-LEAVED PONDWEED	4" pot	CONTAINER	18" O.C.
		SCIRPUS ACUTUS	HARDSTEM BULRUSH	4" pot	CONTAINER	18" O.C.

DEEP MARSH CONTAINER MIX 5

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
		SAGITTARIA CUNEATA	ARUMLEAF ARROWHEAD	4" pot	CONTAINER	18" O.C.
		SCIRPUS MICROCARPUS	SMALL-FRUITED BULRUSH	4" pot	CONTAINER	18" O.C.
		SCIRPUS TABERNAEMONTANI	SOFTSTEM BULRUSH	4" pot	CONTAINER	18" O.C.

Note: Plants in container mixes to be randomly mixed in equal proportions.

SHALLOW MARSH SEED MIX 1–(EL. 707.5' TO 707')

BOTANICAL NAME	COMMON NAME	PERCENTAGE
CAREX STIPATA	OWLFRUIT SEDGE	30%
ELEOCHARIS OVATA	OVOID SPIKERUSH	25%
ELEOCHARIS PALUSTRIS	CREEPING SPIKERUSH	25%
GLYCERIA STRIATA	FOWL MANNAGRASS	10%
JUNCUS BALTICUS	BALTIC RUSH	1%
JUNCUS ENSIFOLIUS	DAGGER-LEAF RUSH	1%
MIMULUS GUTTATUS	COMMON MONKEYFLOWER	1%
POLYGONUM AMPHIBIUM	WATER SMARTWEED	7%

DEEP MARSH SEED MIX 2–(EL. 707' TO 704')

BOTANICAL NAME	COMMON NAME	PERCENTAGE
SAGITTARIA LATIFOLIA	BROADLEAF ARROWHEAD	70%
SCIRPUS ACUTUS	HARDSTEM BULRUSH	10%
SCIRPUS MICROCARPUS	SMALL-FRUITED BULRUSH	10%
SCIRPUS TABERNAEMONTANI	SOFTSTEM BULRUSH	10%

RIPARIAN TREES, SHRUBS AND SEED MIX

TREES

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
AG		ACER GLABRUM DOUGLASII	DOUGLAS MAPLE	24"-36"	BAREROOT	AS SHOWN
AI		ALNUS RHOMBIFOLIA	WHITE ALDER	1 gal.	CONTAINER	AS SHOWN
BO		BETULA OCCIDENTALIS	WATER BIRCH	1 gal.	CONTAINER	AS SHOWN
CC		CRATAEGUS COLUMBIANA	COLUMBIA HAWTHORN	1 gal.	CONTAINER	AS SHOWN
PP		PINUS PONDEROSA	PONDEROSA PINE	1 gal.	CONTAINER	AS SHOWN
PT		POPULUS TRICHOCARPA	BLACK COTTONWOOD	36"-48"	BAREROOT	AS SHOWN
SA		SALIX AMYGDALOIDES	PEACHLEAF WILLOW	18"	LIVE STAKE	AS SHOWN
PV		PRUNUS VIRGINIANA	CHOKECHERRY	18"-24"	BAREROOT	AS SHOWN

LARGE SHRUBS

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
AA		AMELANCHIER ALNIFOLIA	SERVICEBERRY	18"-24"	BAREROOT	AS SHOWN
CS		CORNUS SERICEA	RED TWIG DOGWOOD	18"	LIVE STAKE	24" O.C.
PL		PHILADELPHUS LEWISII	MOCK ORANGE	18"-24"	BAREROOT	AS SHOWN
RG		RHUS GLABRA	SMOOTH SUMAC	18"-24"	BAREROOT	AS SHOWN
RA		RIBES AUREUM	GOLDEN CURRANT	24"-36"	BAREROOT	AS SHOWN
RC		RIBES CEREUM	WAX CURRANT	24"-36"	BAREROOT	AS SHOWN
SCE		SAMBUCUS CERULEA	BLUE ELDERBERRY	18"-24"	BAREROOT	AS SHOWN
SE		SALIX EXIGUA	SANDBAR/COYOTE WILLOW	18"	LIVE STAKE	AS SHOWN
SL		SALIX LASIANDRA	PACIFIC WILLOW	18"	LIVE STAKE	AS SHOWN
SS		SALIX SCOULERIANA	SCOULER'S WILLOW	18"	LIVE STAKE	AS SHOWN

SMALL SHRUBS

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
MA		MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	18"-24"	BAREROOT	AS SHOWN
RN		ROSA NUTKANA	NOOTKA ROSE	18"-24"	BAREROOT	24" O.C.
RW		ROSA WOODSII	WOODS' ROSE	18"-24"	BAREROOT	24" O.C.
SAL		SYMPHORICARPOS ALBUS	SNOWBERRY	18"-24"	BAREROOT	24" O.C.

VINES

SYMBOL	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
CLI		CLEMATIS LIGUSTICIFOLIA	CLEMATIS	18"-24"	BAREROOT	24" O.C.

Note: For each willow symbol use 3 live stakes triangularly spaced 18" O.C.

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WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 9 OF 27: PLANTING SCHEDULE

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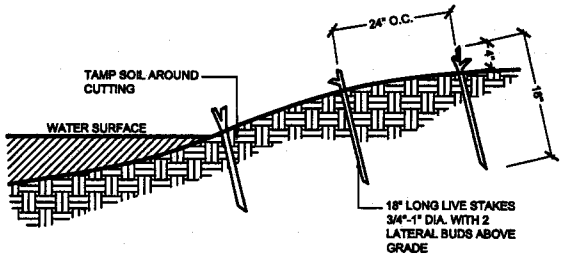
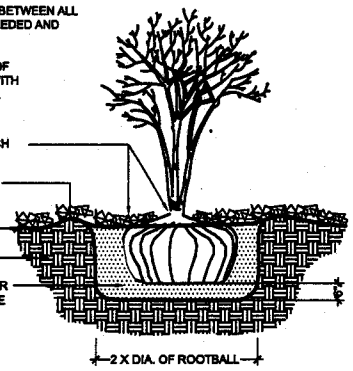


B LIVE STAKE PLANTING
NOT TO SCALE

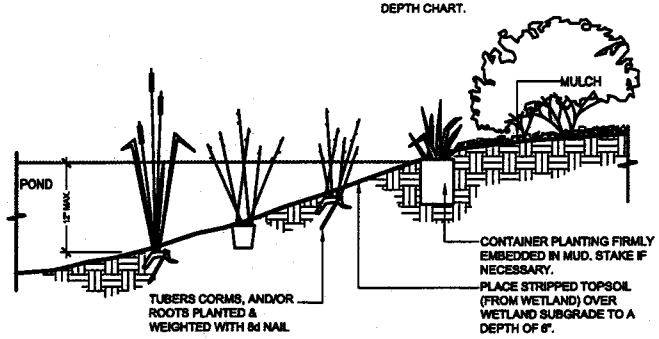
NOTE:
- MULCH COMPLETELY BETWEEN ALL PLANTS EXCEPT IN SEEDED AND MARSH AREAS.
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE.



A TREE AND SHRUB PLANTING
NOT TO SCALE

NOTE:
USE CHICKEN WIRE PROTECTION WHEN WILDLIFE CONSUMPTION IS A PROBLEM.

SEE PLANT LIST FOR AQUATIC PLANTING DEPTH CHART.



C MARSH/EMERGENT PLANTING
NOT TO SCALE

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BEEBE SPRINGS NATURAL AREA PHASE 3

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SHEET 10 **OF 27:** PLANTING DETAILS

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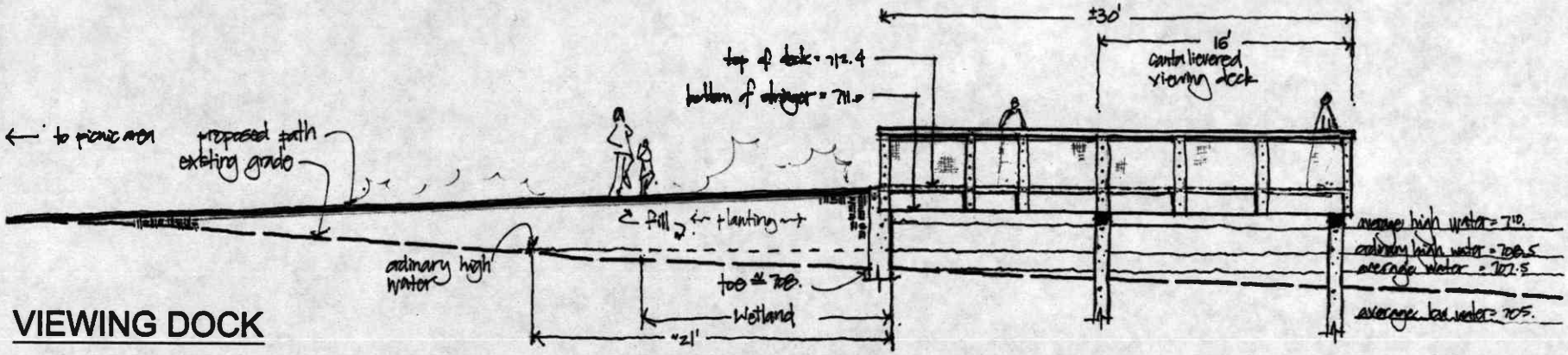
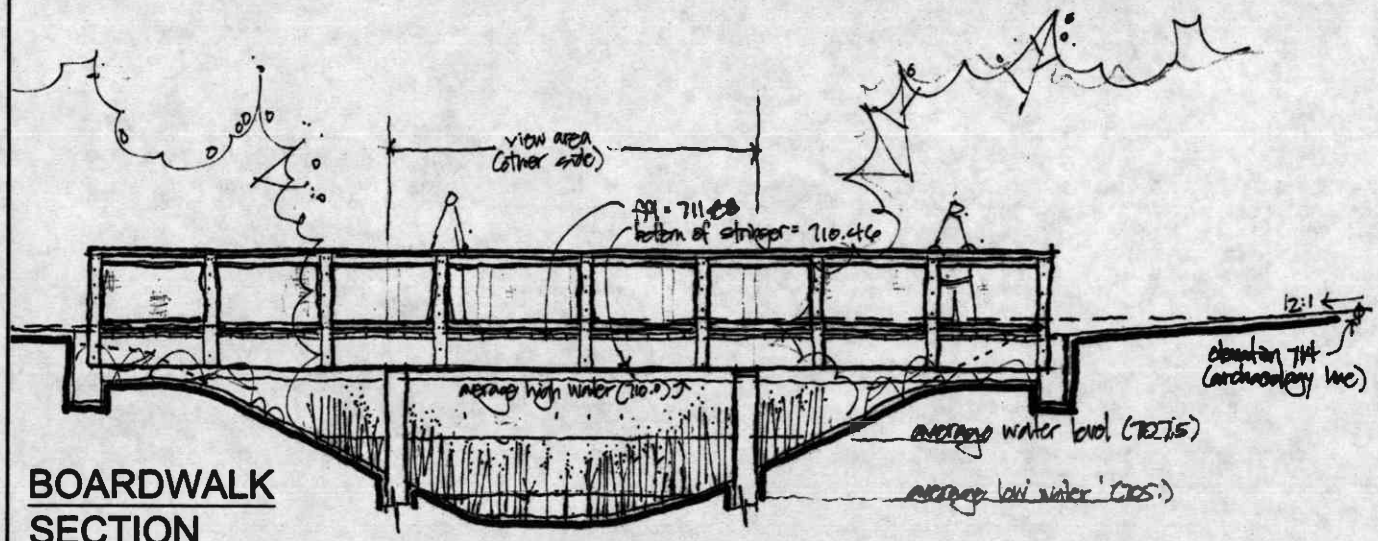
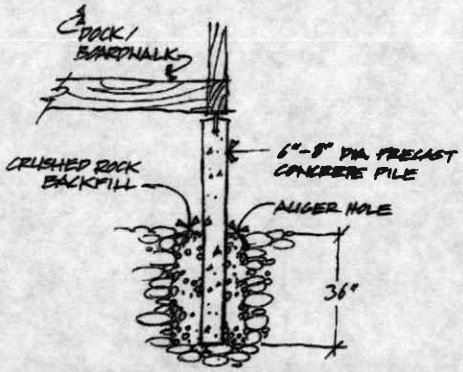


VIEWING DOCK



BOARDWALK SECTION



TYPICAL PILING DETAIL NOT TO SCALE

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SHEET 11 OF 27: OVERWATER PIER AND BOARDWALK SECTION

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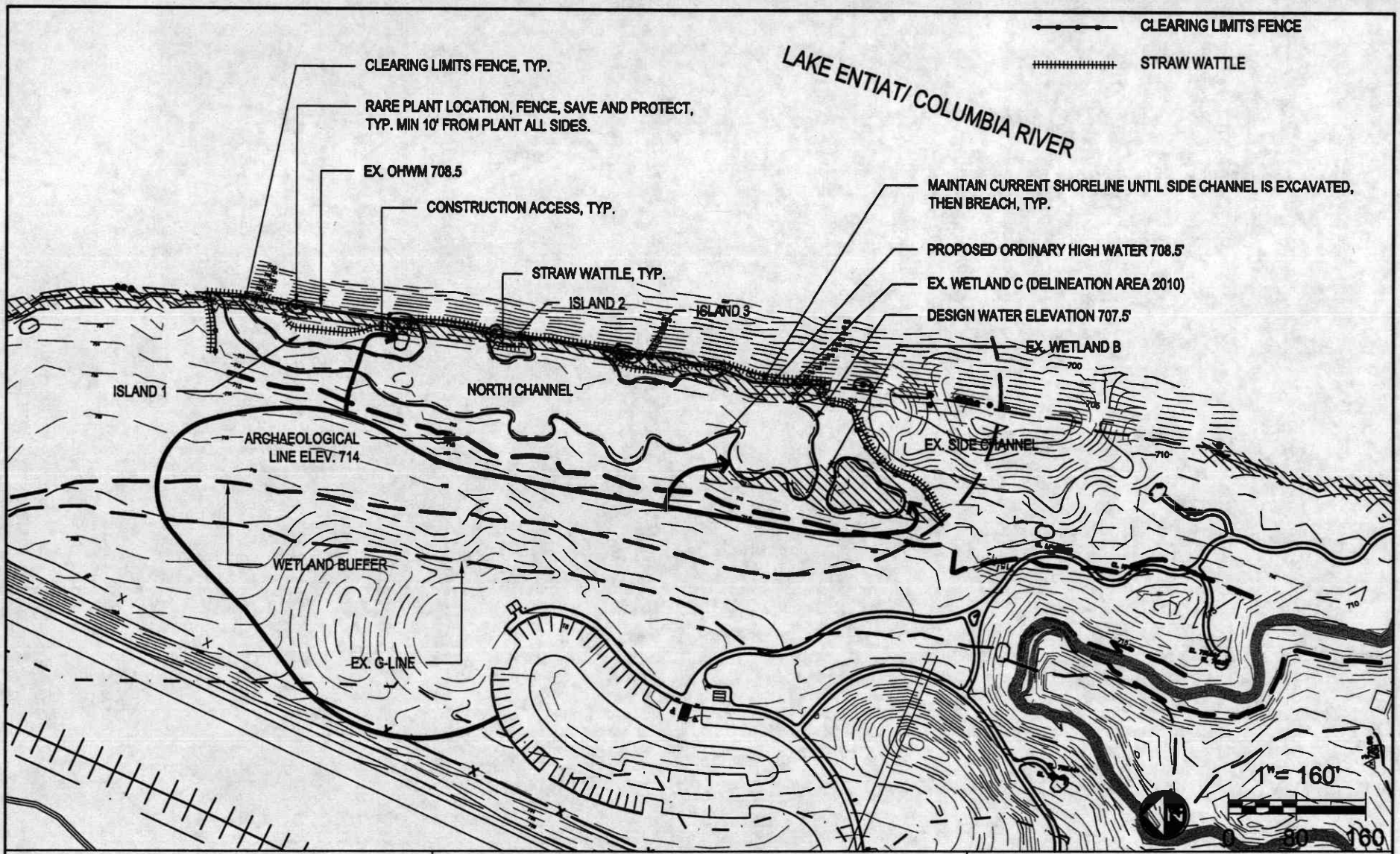

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SHEET 12 OF 27:NORTH CHANNEL TESC PLAN

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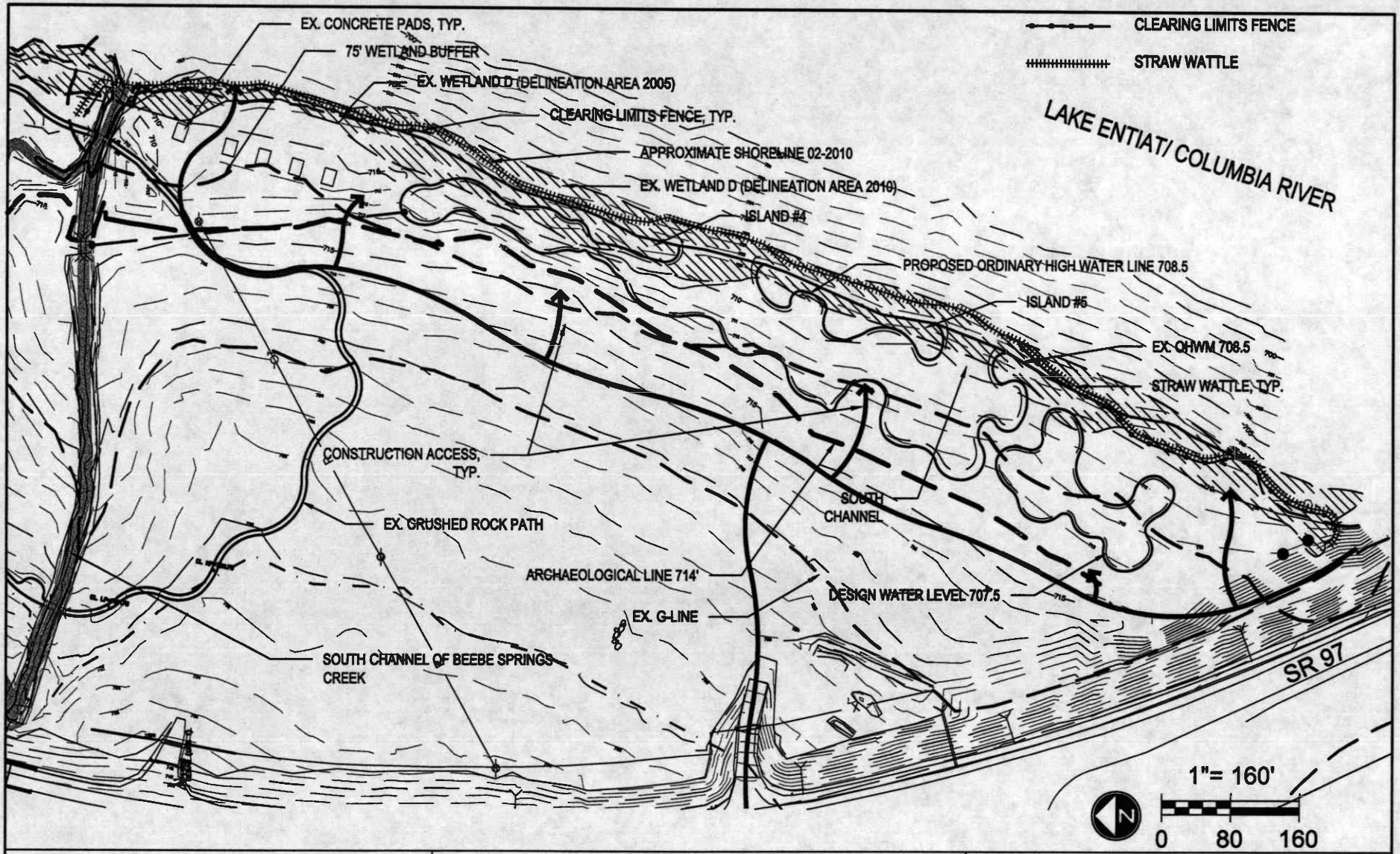

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SHEET 13 OF 27: SOUTH CHANNEL TESC PLAN

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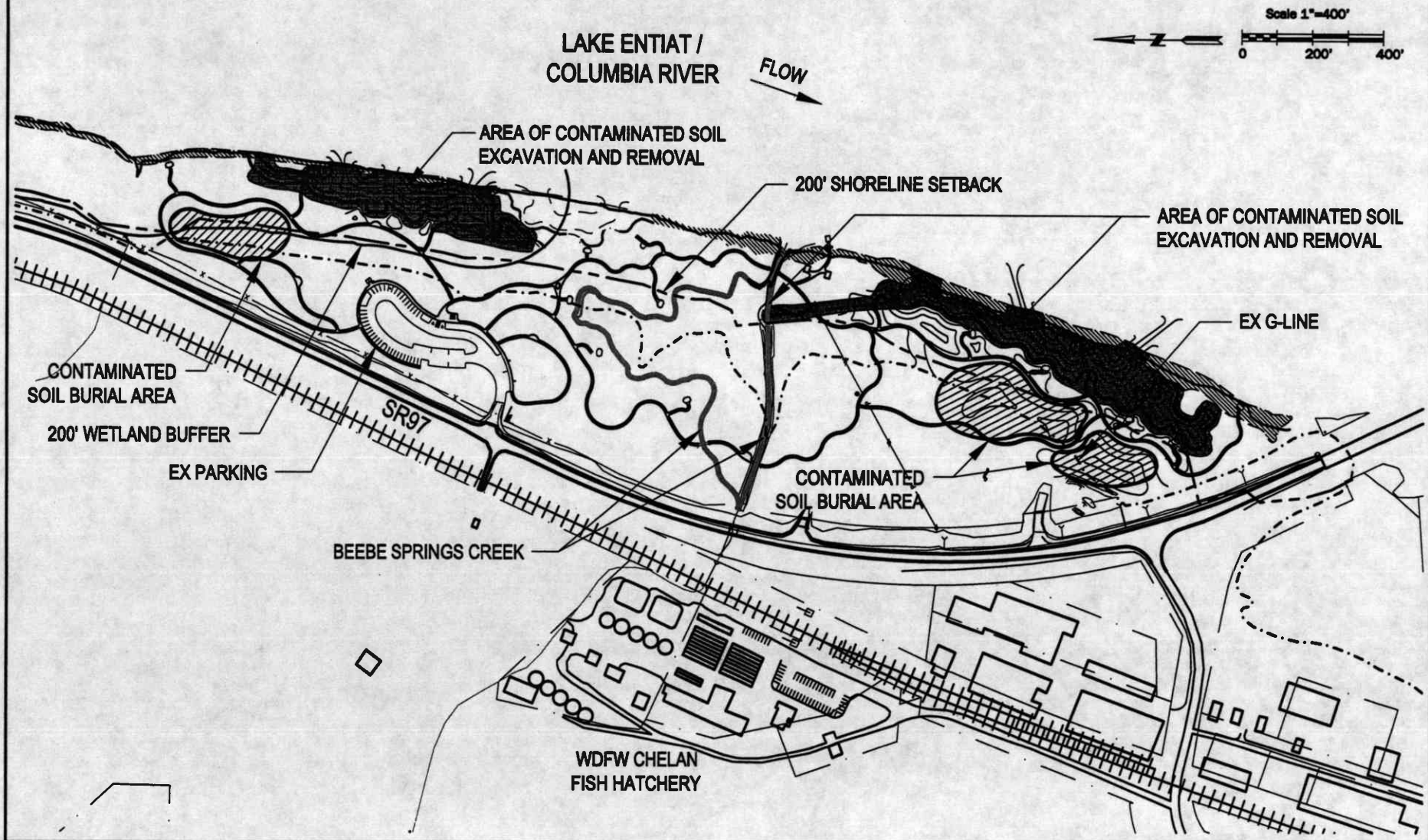
PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

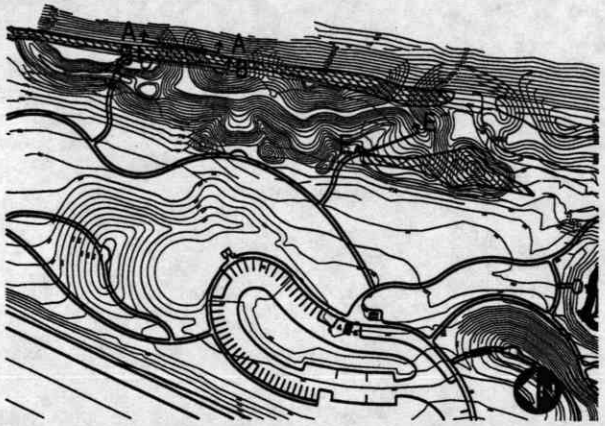
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

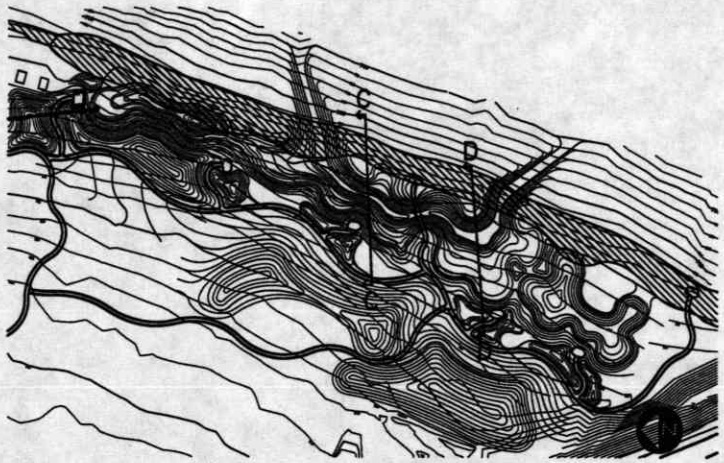
SHEET 14 OF 27: CONTAMINATED SOIL EXCAVATION AND BURIAL

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN STATE: WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

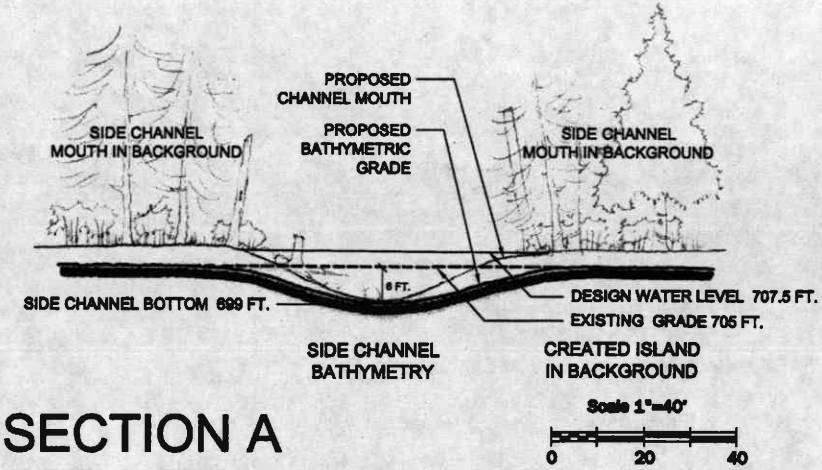
PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



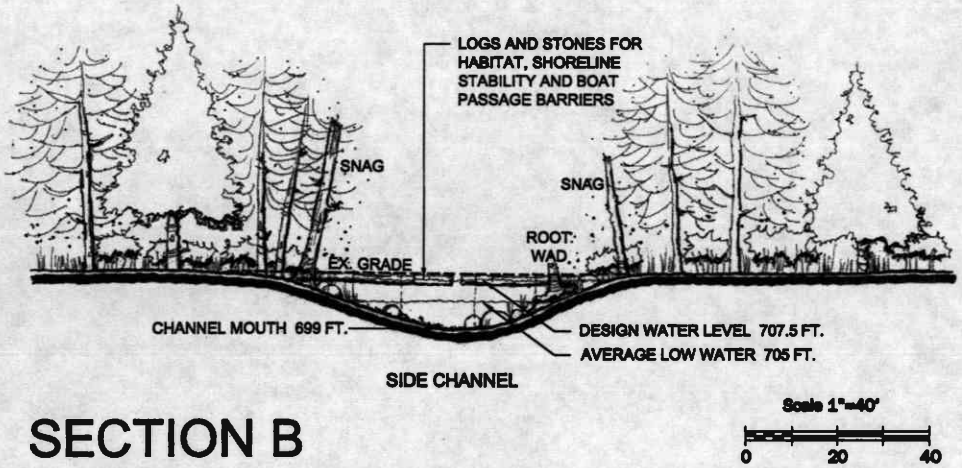
NORTH CHANNEL
SECTION LOCATOR



SOUTH CHANNEL
SECTION LOCATOR



SECTION A



SECTION B

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

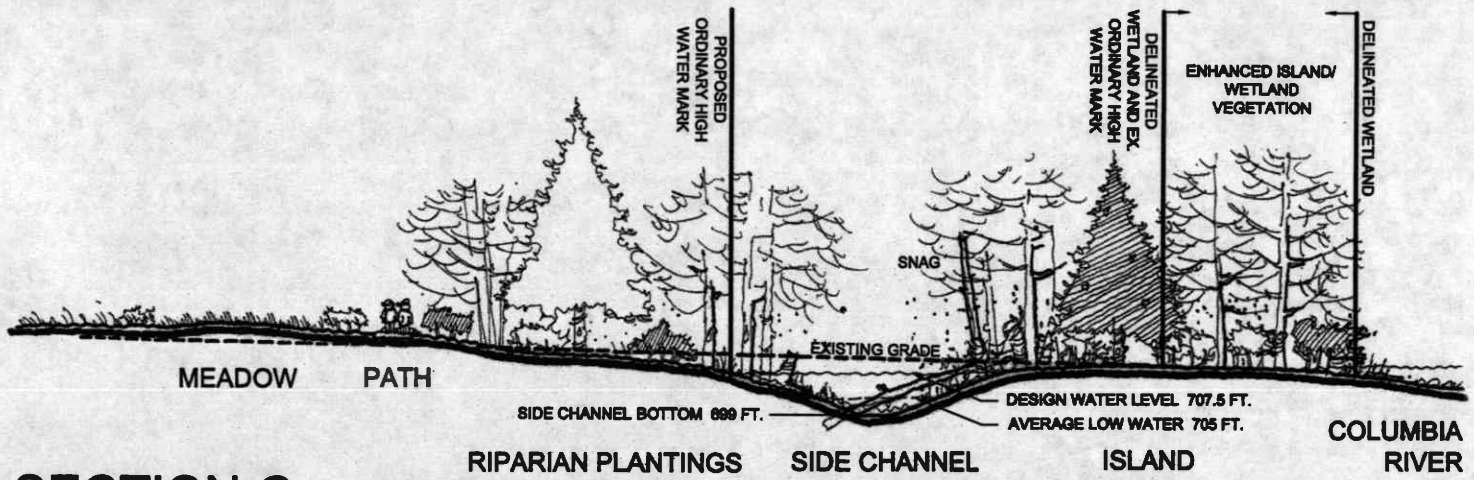
BEEBE SPRINGS NATURAL AREA PHASE 3

REFERENCE #: ADDRESS: SR 97
SECTIONS A & B Chelan, WA 98816

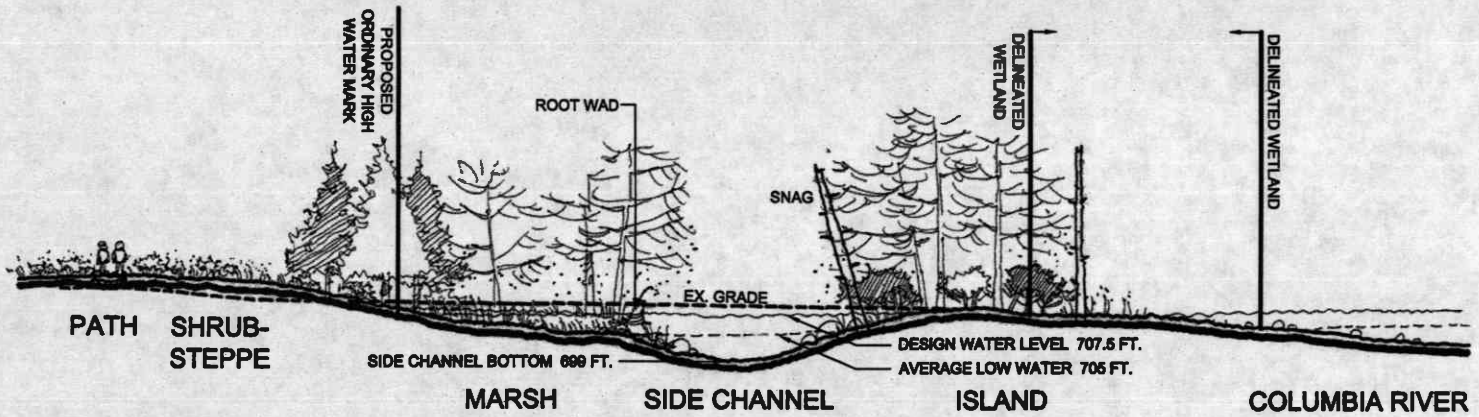
SHEET 15 **OF 27:** SIDE CHANNEL SECTIONS A & B

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



SECTION C



SECTION D

Scale 1"=40'

0 20 40

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

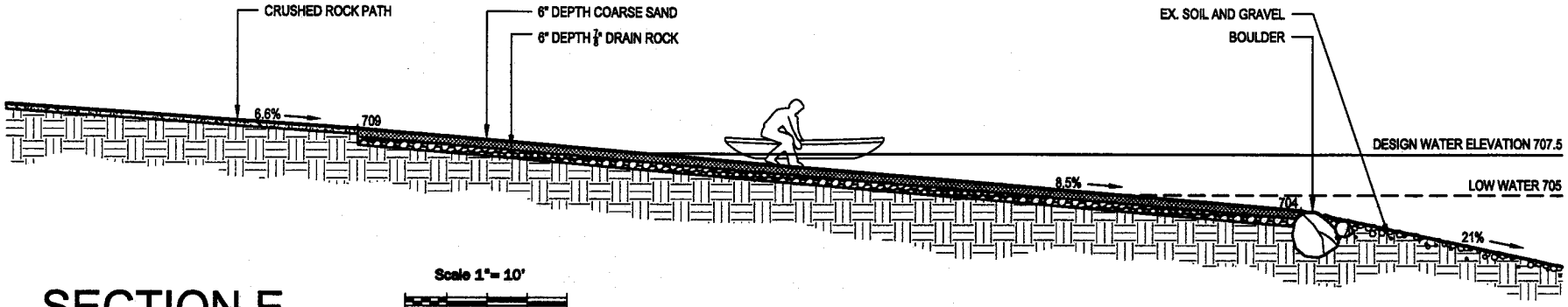
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 16 OF 27: SIDE CHANNEL SECTIONS C & D

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



SECTION E

Scale 1" = 10'

0' 5' 10'

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

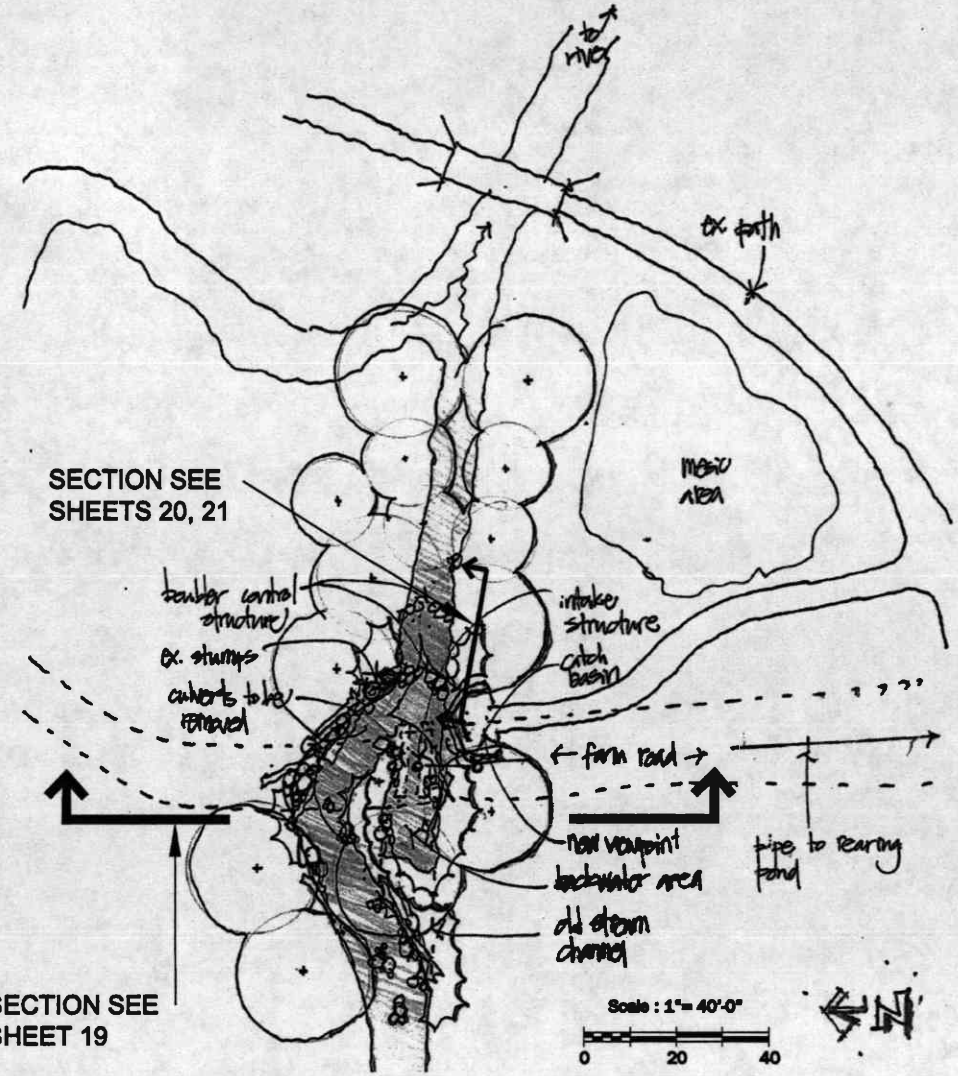
REFERENCE #:

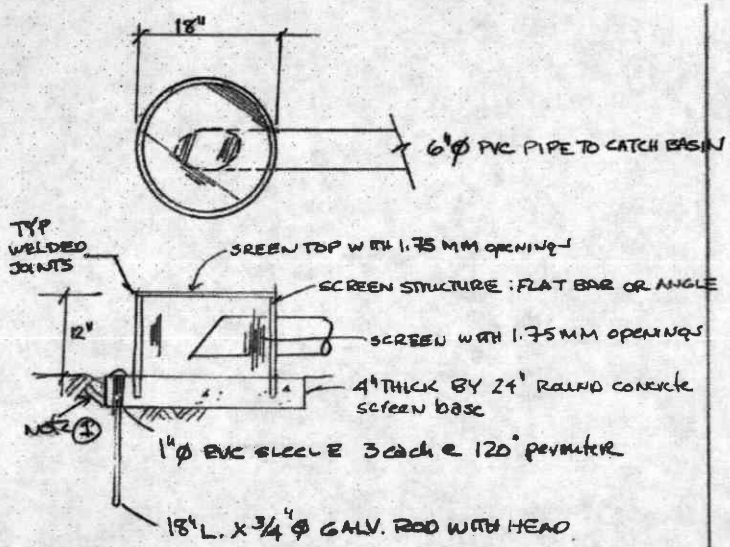
ADDRESS: SR 97
Chelan, WA 98816

SHEET 17 OF 27: SECTION E: HAND CARRY BOAT LAUNCH

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN STATE: WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC





INTAKE Screen

for diversion PIPE

N.T.S.

(1) PLACE SCREEN STRUCTURE IN Beebe Creek WITH MIN 14" AVE DEPTH TO submerge STRUCTURE

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

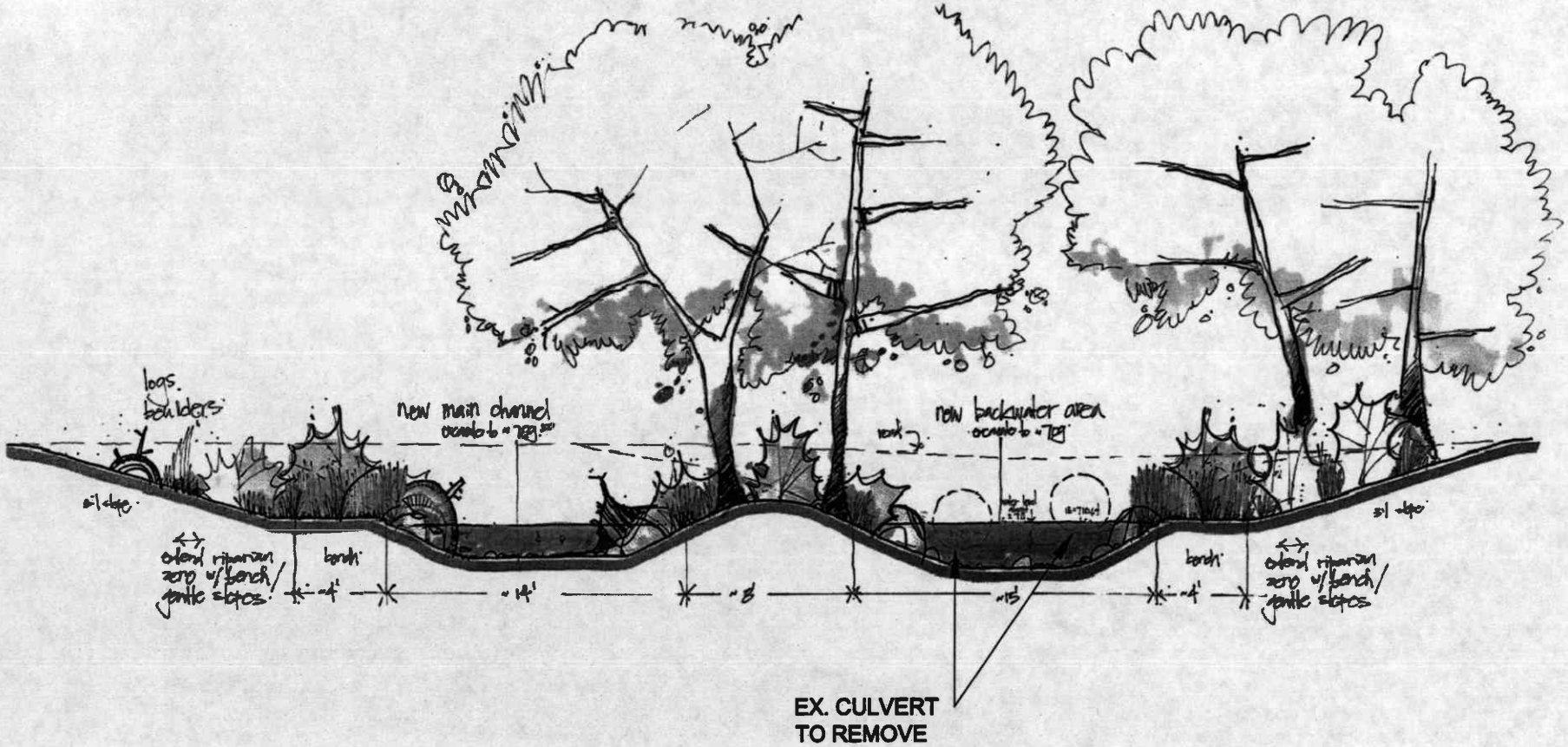
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 18 OF 27: CULVERT REMOVAL PLAN

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

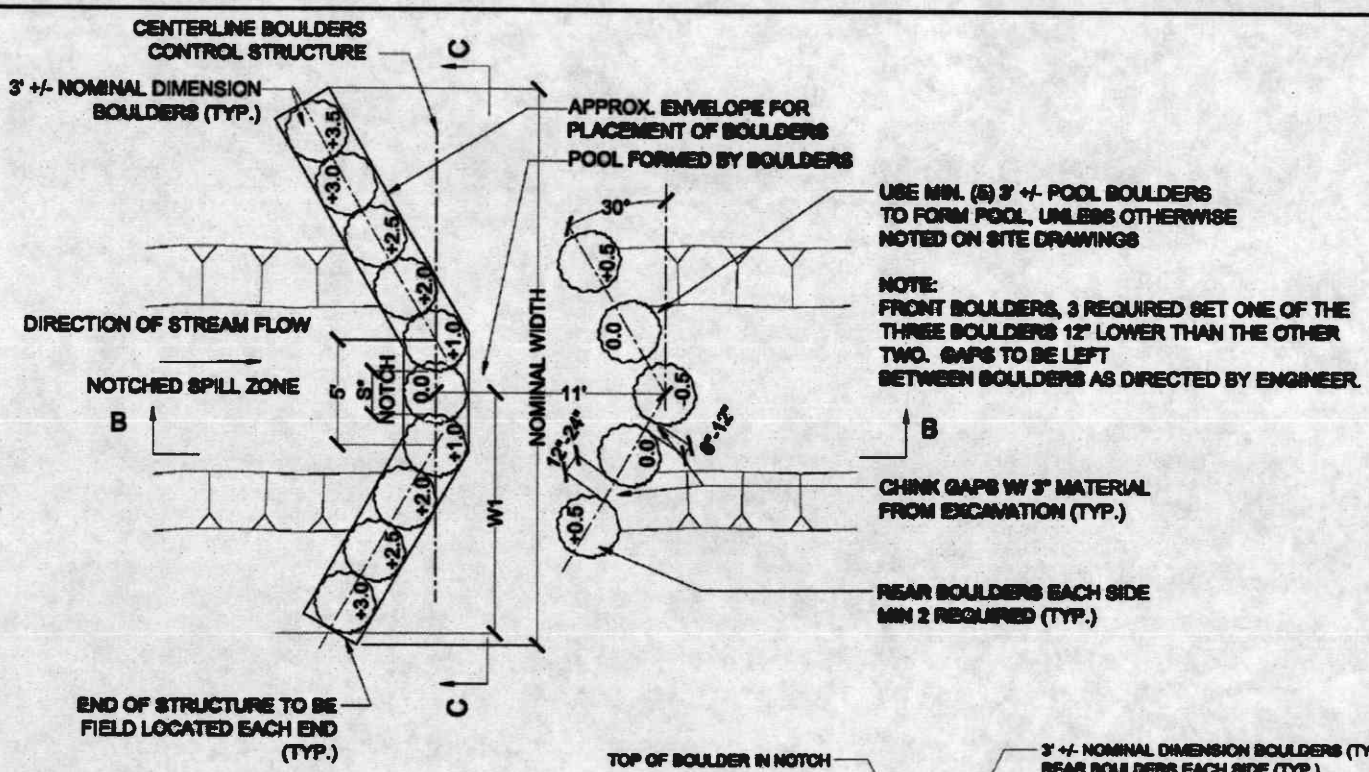
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 19 OF 27: CULVERT REMOVAL SECTION

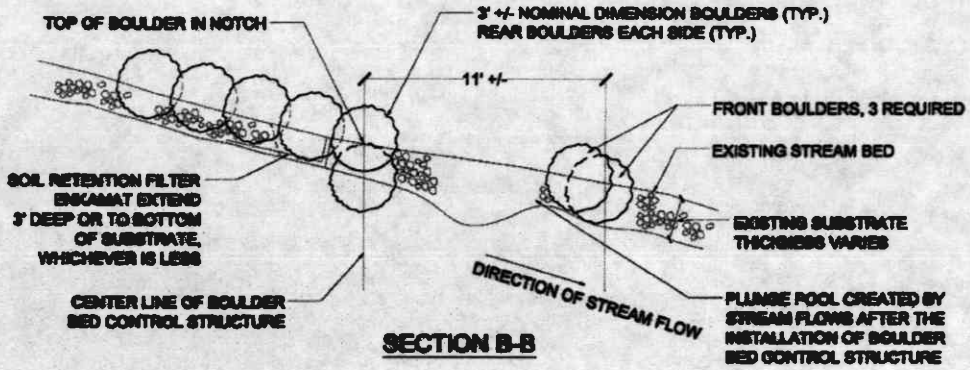
PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



Scale: 1/8" = 1'-0"

0 4 8



PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

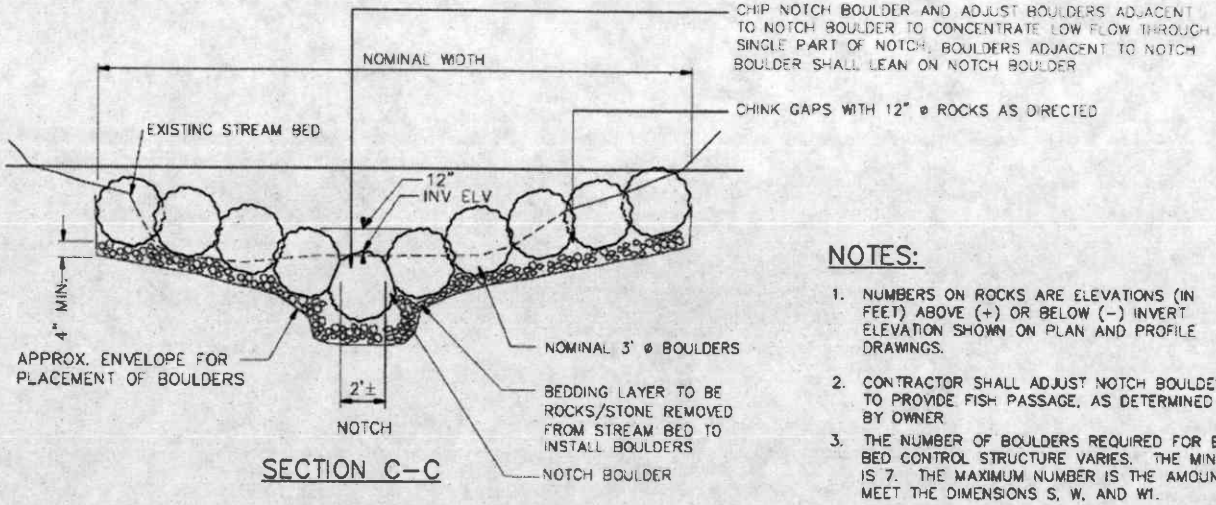
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 20 OF 27: BOULDER BED CONTROL STRUCTURE DETAIL

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



SECTION C–C

NOTES:

1. NUMBERS ON ROCKS ARE ELEVATIONS (IN FEET) ABOVE (+) OR BELOW (–) INVERT ELEVATION SHOWN ON PLAN AND PROFILE DRAWINGS.
2. CONTRACTOR SHALL ADJUST NOTCH BOULDER TO PROVIDE FISH PASSAGE, AS DETERMINED BY OWNER.
3. THE NUMBER OF BOULDERS REQUIRED FOR BOULDER BED CONTROL STRUCTURE VARIES. THE MINIMUM NUMBER IS 7. THE MAXIMUM NUMBER IS THE AMOUNT REQUIRED TO MEET THE DIMENSIONS S, W, AND W1.
4. FRONT BOULDERS, 3 REQUIRED. SET ONE OF THE THREE BOULDERS 12" LOWER THAN THE OTHER TWO. GAPS TO BE LEFT BETWEEN BOULDERS AS DIRECTED BY OWNER.
5. IF SUITABLE NATIVE MATERIALS FROM EXCAVATION ARE AVAILABLE, NATIVE MATERIALS SHALL BE USED TO BACKFILL THE STRUCTURE AND FOR SPECIFIC MATERIALS NOTED ON THE DETAILS. IF NATIVE MATERIALS ARE INSUFFICIENT OR UNSUITABLE FOR A SPECIFIC BACKFILL REQUIREMENT, MATERIALS SHALL BE PROCESSED OR IMPORTED THAT MEET THE REQUIREMENTS OF THE DRAWINGS AND SPECS.

Scale: 1/8" = 1'-0"

0 4 8

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

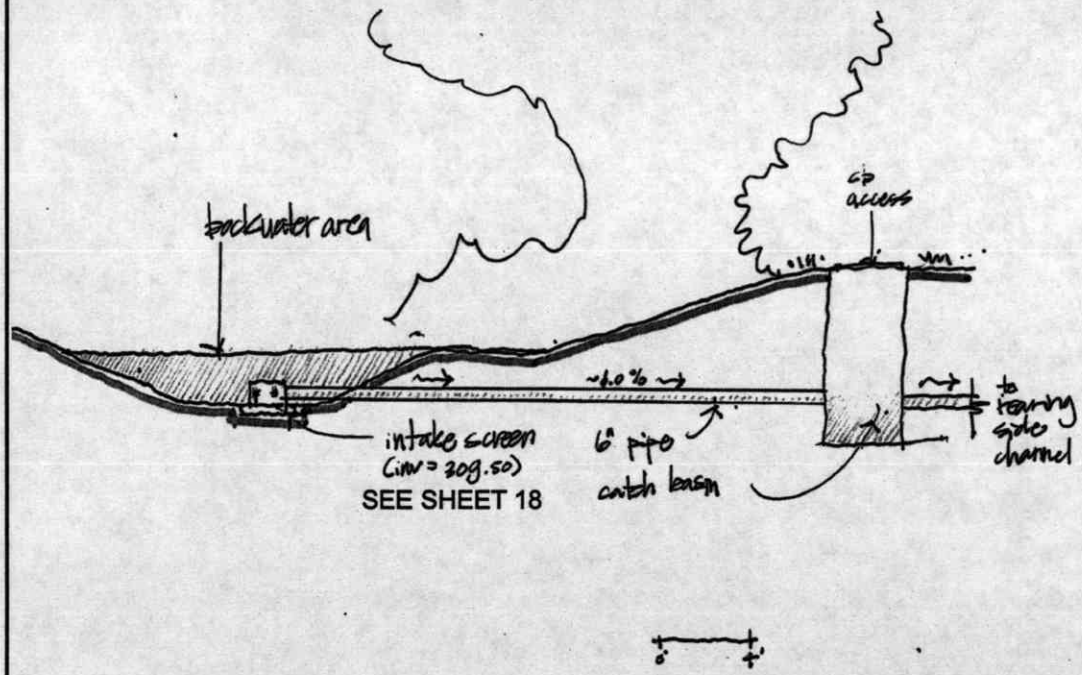
REFERENCE #:

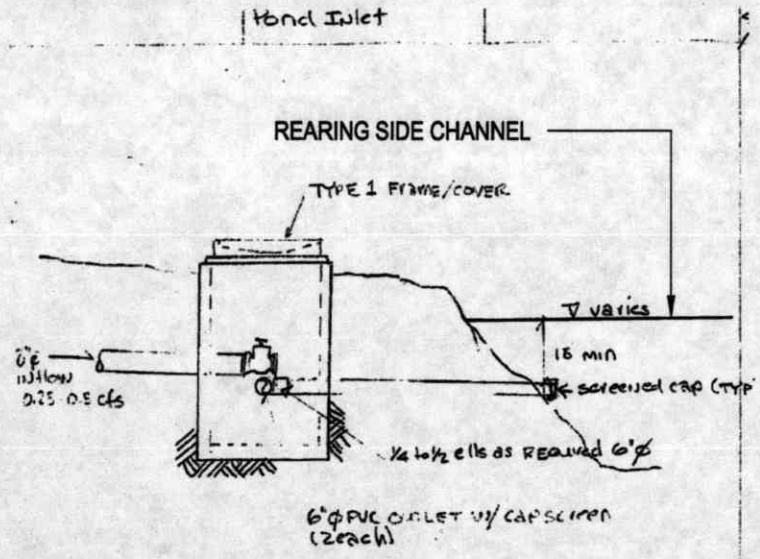
ADDRESS: SR 97
Chelan, WA 98816

SHEET 21 OF 27: BOULDER BED CONTROL STRUCTURE SECTION C-C

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC





POND INLET STRUCTURE

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

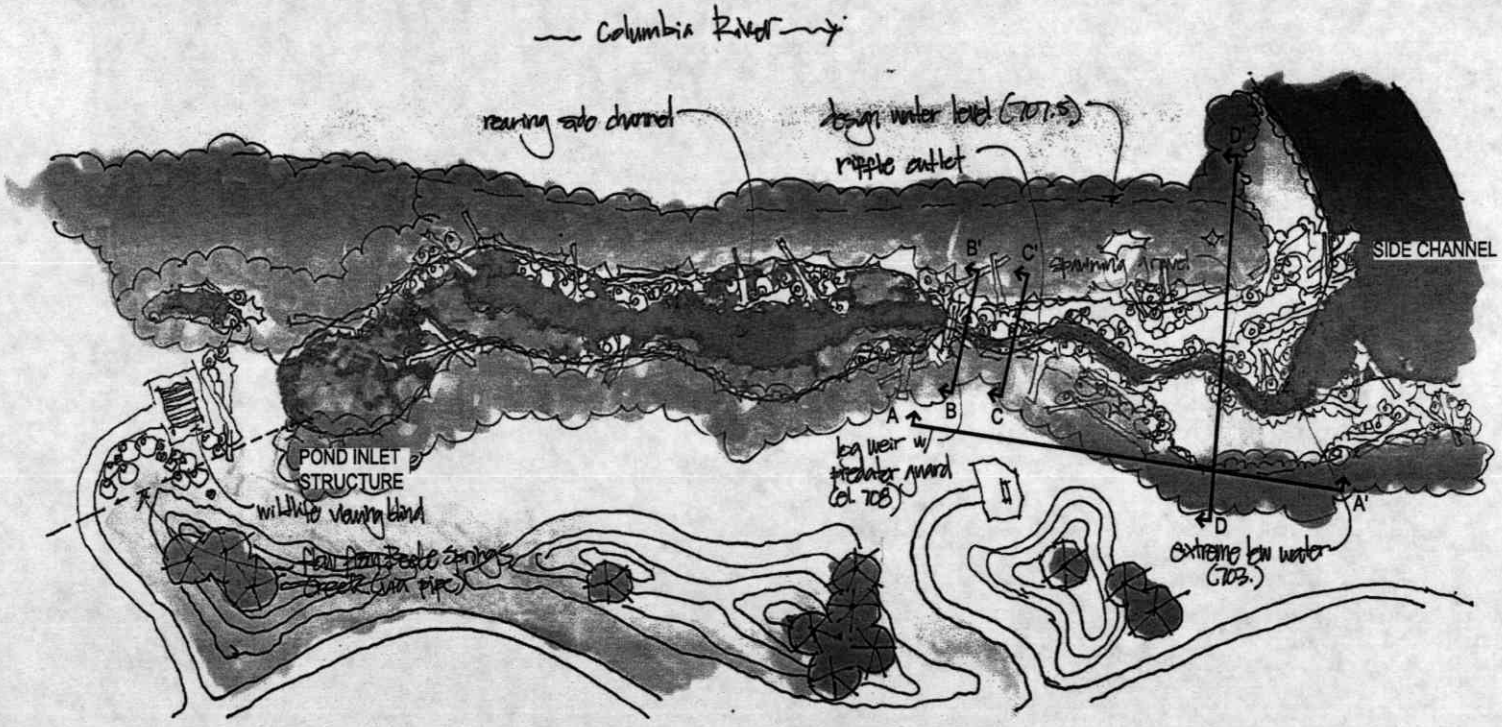
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 22 OF 27: CREEK INTAKE AND POND INLET STRUCTURES

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



Scale: 1" = 60'-0"

0 30 60

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

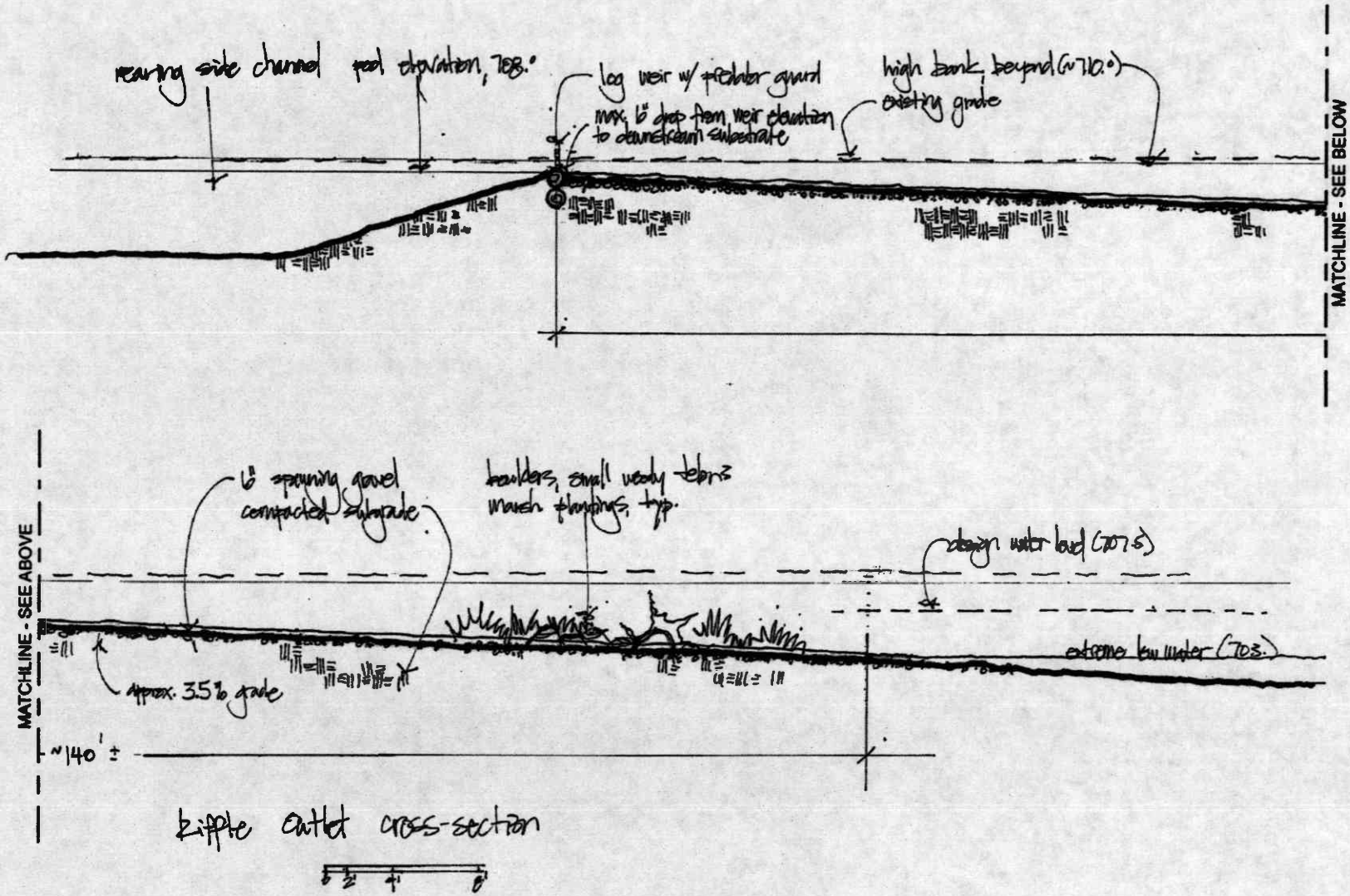
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 23 OF 27: REARING SIDE CHANNEL

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

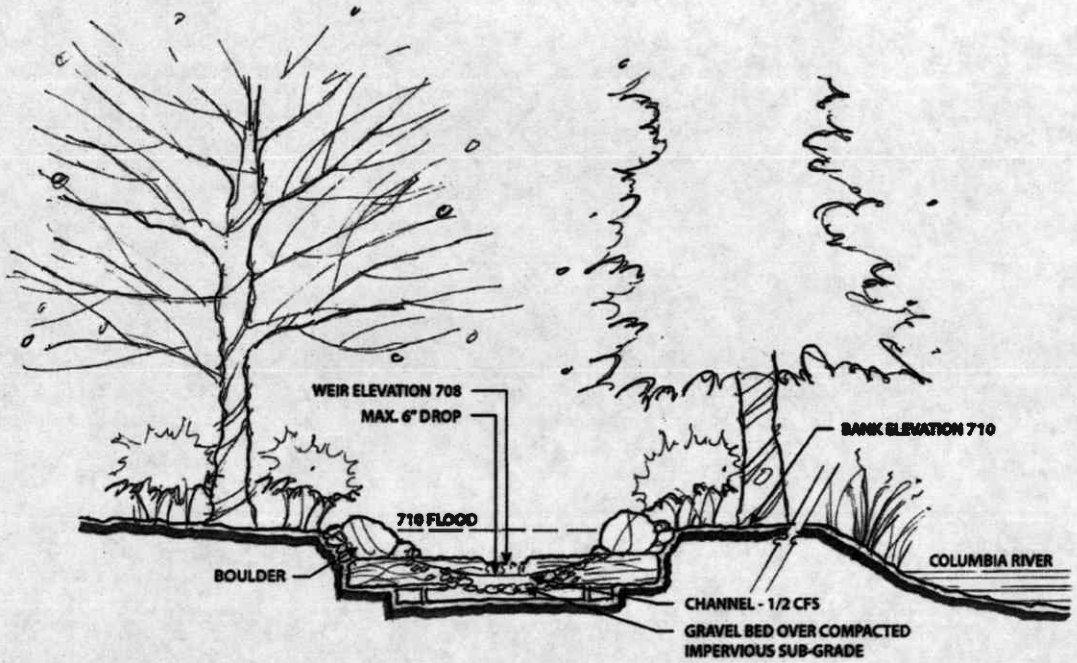
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 24 OF 27: RIFFLE OUTLET SECTION, A-A'

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



Scale = 1/8" = 1'-0"

0 4 8

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

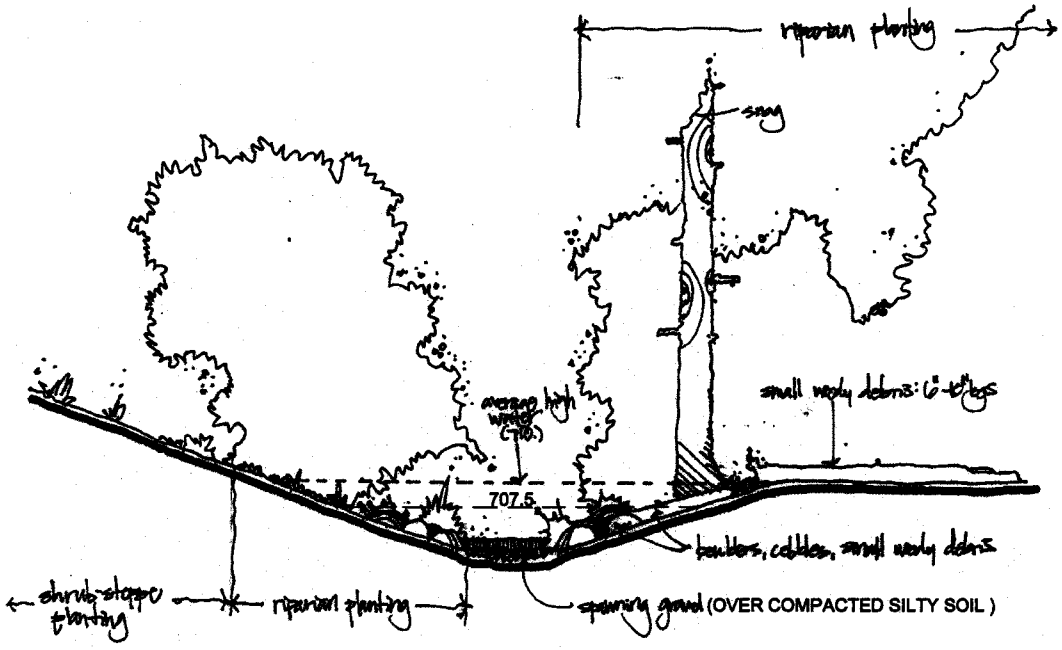
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 25 OF 27: OUTFLOW WEIR ELEVATION, B-B'

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



Scale = 1/8" = 1'-0"

0 4 8

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

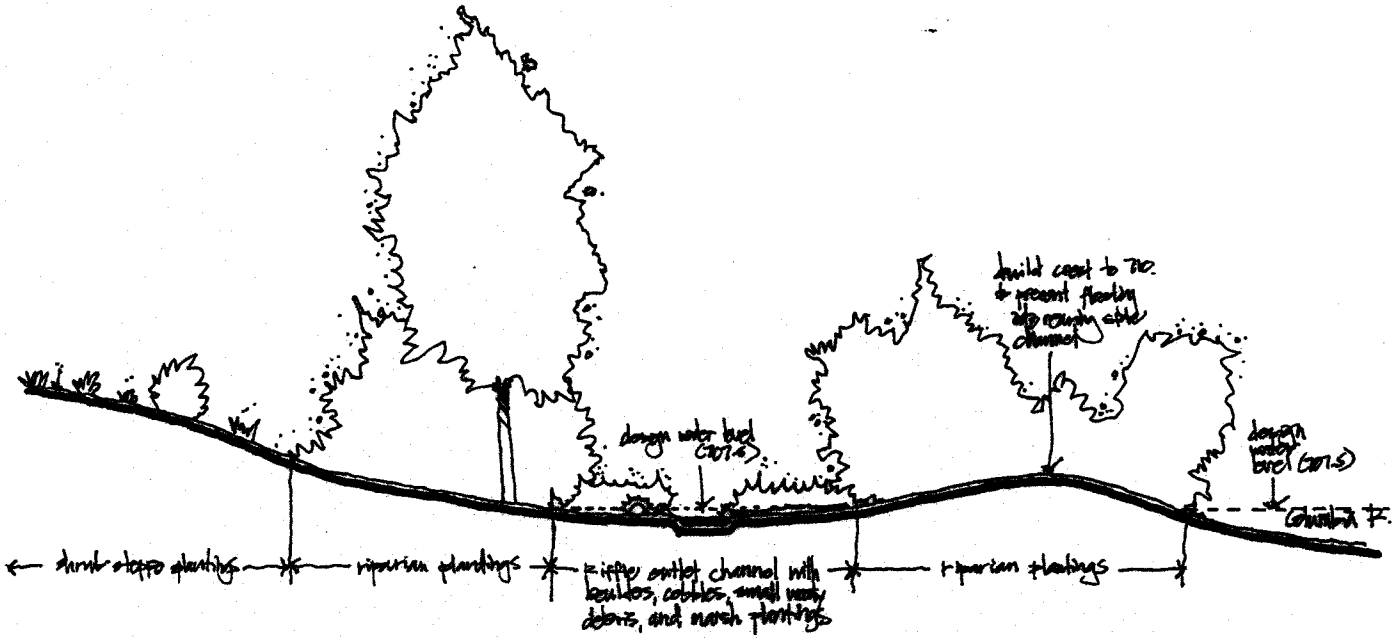
REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 26 OF 27: CHANNEL BELOW WEIR, C-C'

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN STATE: WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC



Scale : 1/16" = 1'-0"

0 8 16

PURPOSE: DEVELOP A NATURAL AREA THAT WILL INCLUDE SALMON AND WILDLIFE ENHANCMENT/ RESTORATION AREAS AND TRAILS

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: WSDOT, Chelan County PUD, DNR

LATITUDE: 47° 49' 14" N
LONGITUDE: 119° 58' 20" W

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BEEBE SPRINGS NATURAL AREA PHASE 3

REFERENCE #:

ADDRESS: SR 97
Chelan, WA 98816

SHEET 27 OF 27: OUTLET CHANNEL SECTION, D-D'

PROPOSED: BEEBE SPRINGS NATURAL AREA PHASE 3
IN: CHELAN COUNTY
AT: CHELAN FISH HATCHERY
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
DATE: MAY 2010
REVISED:

PREPARED BY:
J.A. BRENNAN ASSOCIATES, PLLC