



US Army Corps
of Engineers
Seattle District



Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers

Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (206) 764-6878
Attn: Joanne Gardiner, Project Manager

WA Department of Ecology

SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone (360) 407-6068
Attn: SEA Program, Federal Permit
Coordinator

Public Notice Date: June 4, 2012

Expiration Date: July 4, 2012

Reference No.: NWS-2011-114

Name: Campbell, Art

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings April 13, 2012.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws.

APPLICANT: Mr. Art Campbell
104 West Woodin Avenue
Chelan, Washington 98816
Telephone: (509) 682-2561

AGENT: The Watershed Company
Attention: Kenny Booth
750 Sixth Street South
Kirkland, Washington 98033
Telephone: (425) 822-5242

LOCATION: 104 West Woodin Avenue, in Lake Chelan at Chelan, Chelan County, Washington.

WORK: The proposed work consists of the following seven project elements.

Beach Expansion: Place no more than 3,210 cubic yards of pea gravel, sand, and sand/gravel/cobble mixture at and waterward of the existing ordinary high water mark (OHWM). The expanded beach will move the lake's OHWM no more than 70 feet waterward (Sheet 4) of the current OHWM. The new sand beach zone will be above the 1,101 foot elevation and the new pea gravel beach zone will be below elevation 1,101 feet (Sheets 5, 9 and 10).

Install Rock Sills: Construct three rock sills; the eastern and western sills will extend perpendicularly from the shore to a point no more than 170 feet waterward of the existing OHWM (Sheet 4). The western sill will extend waterward immediately adjacent to, and parallel with, the western property boundary. The eastern sill will extend

waterward from the base of the existing concrete stem-wall. The third sill (southern sill/connector sill) will connect the western and eastern sills at the waterward end of the two sills, and will form a perpendicular concave-shaped barrier to protect the expanded beach. The sills will be comprised of an internal angular rock core (1,050 cubic yards) covered by a surface comprised of rounded boulders (1,019 cubic yards), for a total of 2,069 cubic yards of material to be placed waterward of the OHWM (Sheets 5, 9, and 10). The purpose of the sills is to protect the expanded beach areas from erosion.

Concrete/Cantilevered Pier Improvements: Place no more than 31 cubic yards of rounded boulders beneath the existing concrete/cantilevered pier to create a seamless transition between the eastern sill and the shoreline (Sheets 3 and 11).

Culvert Extension: An existing culvert outlets near the base of the existing riprap-shoreline at the 1,095.27 foot elevation (Sheets 3). Because the shoreline will be extended in this area, the culvert will be extended 40 feet to continue to outlet into the lake from the western sill (Sheets 5 and 11). The pipe will extend no more than 6 inches into the water; the remainder of the culvert extension will be buried in the proposed rock sill. A single vertical “cleanout” would be installed southeast of the existing outlet (Sheet 11). The cleanout would be installed in the storm drain line to allow the line to be cleared if it becomes blocked with debris.

Swim Float Line: Install a swim float line with buoys along the perimeter of the southern sill (connector sill) and connect to an existing swim line located east of the project area (Sheets 3 and 5). The purpose of the swim line is to demarcate the swim area and prevent boats from entering the area. The line will be secured by helical anchors (Sheet 11).

Day-Moorage Buoys: Install seven day-moorage buoys south of the southern sill (connector sill; Sheet 5). The buoys would provide temporary moorage for small watercraft. The buoys would be secured by helical anchor or concrete blocks (Sheet 11).

Shoreline Maintenance: The shoreline would be inspected annually and areas where sand and gravels may have washed away and where rocks have become unsecured or unstable as a result of wave action will be noted. Additional shoreline sand and gravel may be placed annually to replenish the expanded beach area for a period of 10 years to the amount and configuration shown on the permit drawings. Rock may be adjusted and re-secured as needed to maintain the rock sills for a period of 10 years to the configuration shown on the permit drawings. All in-water work will comply with approved in-water work windows.

A loss of one-foot vertical surface elevation would determine the point at which new material would be added. The average annual loss of pea gravel is expected to be no more than 15 cubic yards per year. The average annual loss of sand is expected to be no more than 10 cubic yards per year.

PURPOSE: Expand and stabilize the beach area for recreational access.

ADDITIONAL INFORMATION:

The work would be constructed within a 2-month period and a period of 10-years is approved for shoreline maintenance.

The location of the ordinary high water mark shown on the project drawings have not yet been verified by the Corps. If the Corps determines the boundaries of the waters are substantially inaccurate a new public notice may be published.

MITIGATION: The applicant has proposed to install 7,048 square feet of native riparian plantings adjacent to the lake in separate areas throughout the property. Proposed native plantings would include a combination of trees and

shrubs. The Corps of Engineers has not approved the proposed mitigation planting plan.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat.

A preliminary determination indicates that the activity will not affect endangered or threatened species, or their critical habitat. Consultation under Section 7 of the ESA is not required.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

The Corps has determined that the proposed action will not adversely affect designated EFH for federally managed fisheries in Washington waters. No further EFH consultation is necessary.

CULTURAL RESOURCES: The Corps has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. There are no previously recorded historic properties within the permit area. The proposed work involves activities limited to incidental or low volume disturbance (adding material, not excavating). Certain types of work or structures are of such limited nature and scope that there is little likelihood of impinging upon a historic property even if such properties were to be present within the affected area. The Corps invites responses to this public notice from Native American Tribes or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps will evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Tribes in accordance with Section 106 of the National Historic Preservation Act, as appropriate.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION – CORPS: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement

NWS-2011-114

pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

SOURCE OF FILL MATERIAL: The two sources of the fill material would be existing angular stone/rock (riprap; Sheet 3) from onsite and a local source of commercially available sand, gravel, cobble, rounded-boulders, and angular stone/rock. Sand and gravel will be washed and all fill materials will be free of contaminants.

EVALUATION—ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

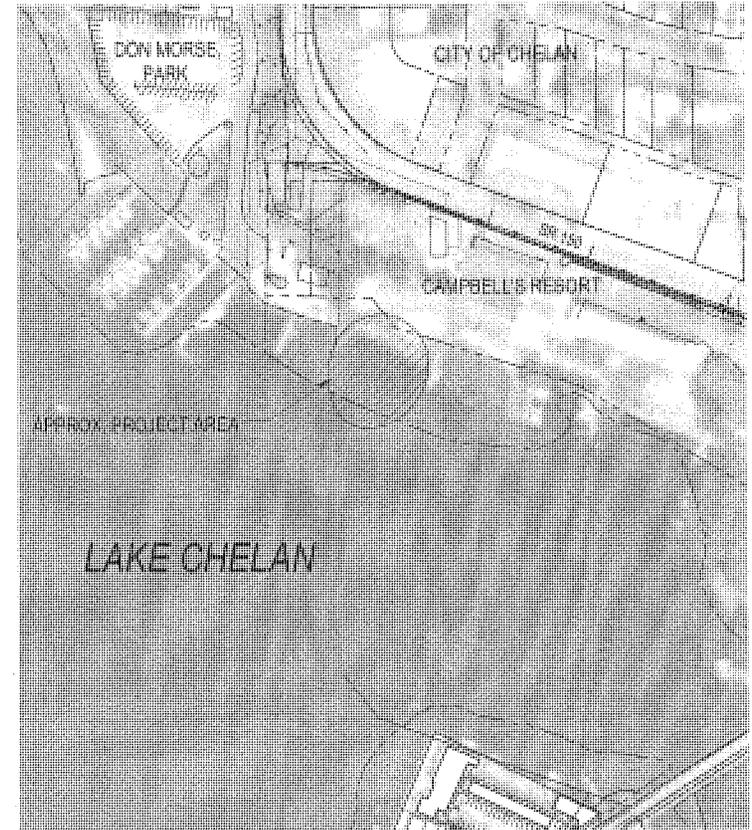
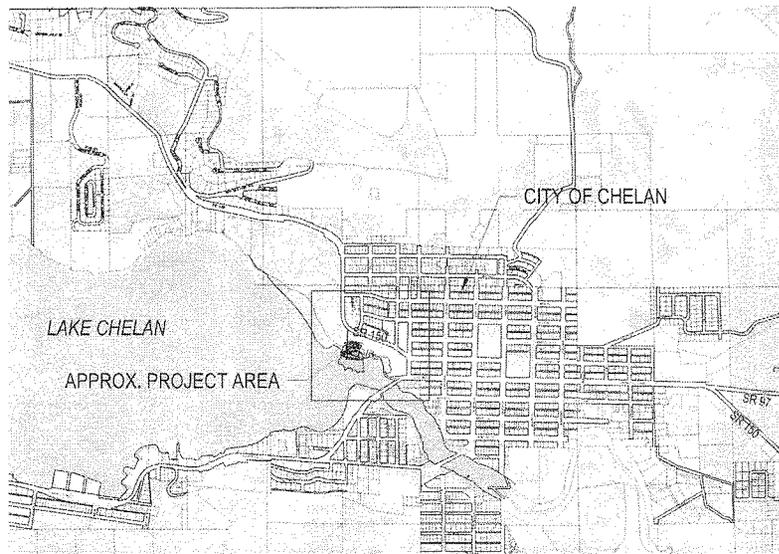
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentator's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

CORPS COMMENTS: All e-mail comments should be sent to joanne.l.gardiner@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Joanne Gardiner, P.O. Box 3755, Seattle, Washington 98124-3755.

ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: SEA program – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington 98504-7600, or e-mail to ecyrefedpermits@ecy.wa.gov.

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Campbell, Art; NWS-2011-114

Encl: Figures (11)



PURPOSE:
 IMPROVE BEACH STABILIZATION TO RESTORE
 BENEFICIAL SHORELINE HABITAT AND RECREATIONAL
 USE

DATUM: NGVD OF 1929 = 0.0 FEET
 ORDINARY HIGH WATER (OHW) = 1100.0 FEET

ADJACENT PROPERTY OWNERS:
 DON MORSE PARK, CITY OF CHELAN

LATITUDE: 47°50'29.22" N
LONGITUDE: 120°01'23.70" W

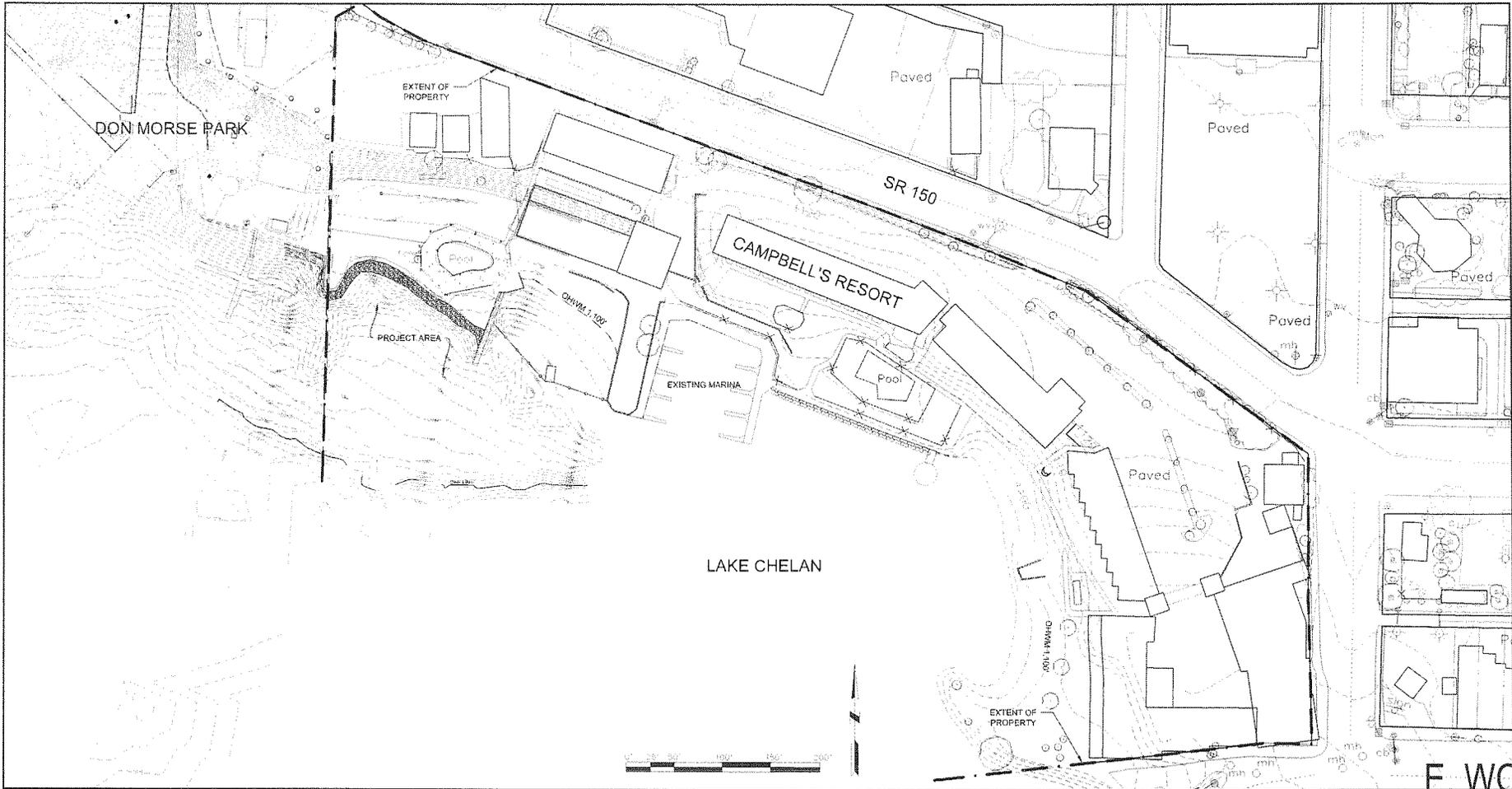
CAMPBELL'S RESORT BEACH IMPROVEMENTS

REFERENCE #: NWS-2011-114 **ADDRESS:** 104 W WOODIN,
 CHELAN, WA 98816

FIGURE 1 OF 11: VICINITY MAPS

PROPOSED: REDEVELOPMENT OF CAMPBELL'S
 RESORT BEACH
IN: LAKE CHELAN U.D. No. 1
AT: CITY OF CHELAN
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: CAMPBELL'S RESORT
DATE: MAY 2011
REVISED: *April 13, 2012*

PREPARED BY:
 J.A. BRENNAN ASSOCIATES, PLLC



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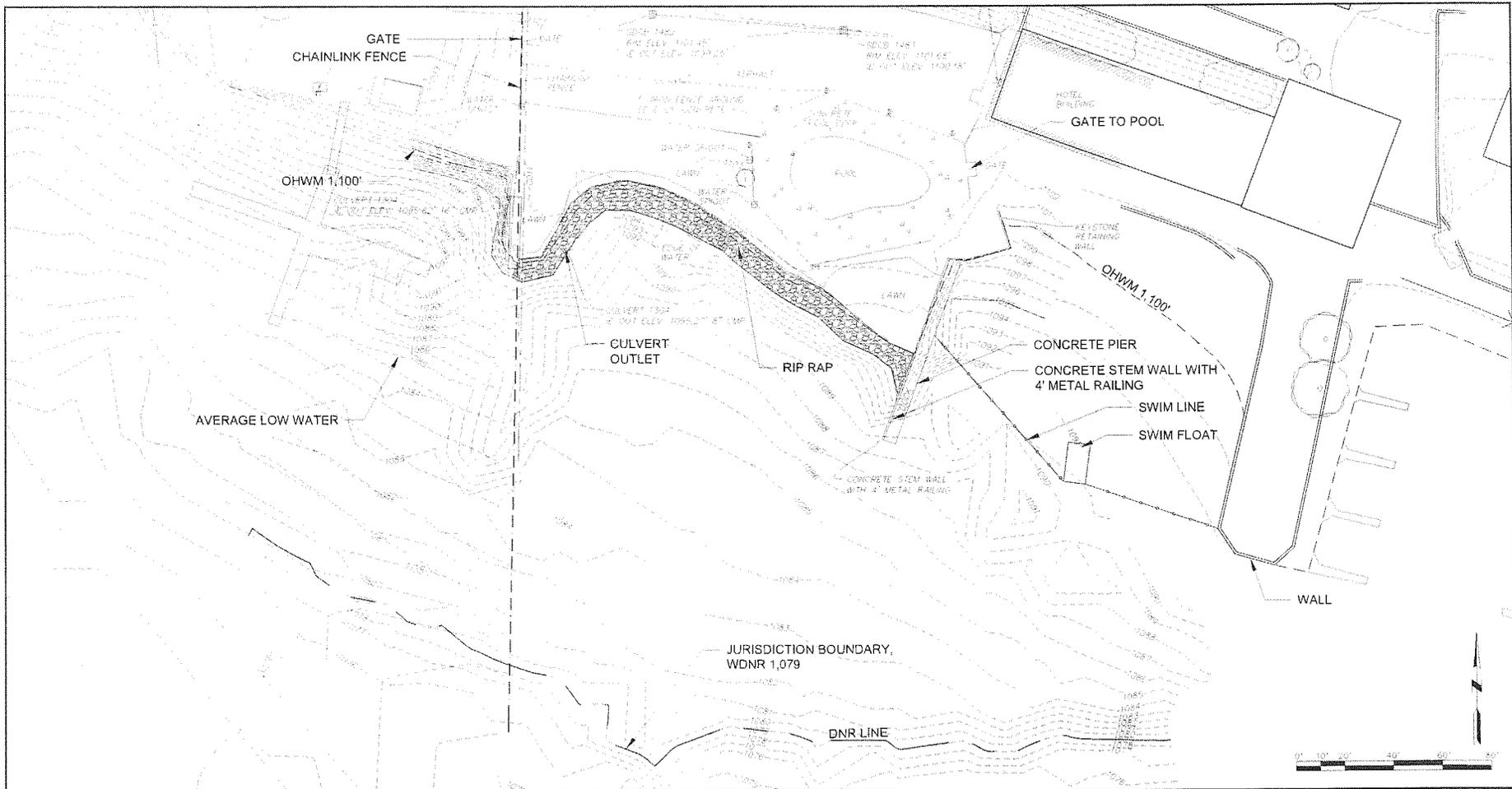
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FIGURE 2 OF 11: PROPERTY MAP

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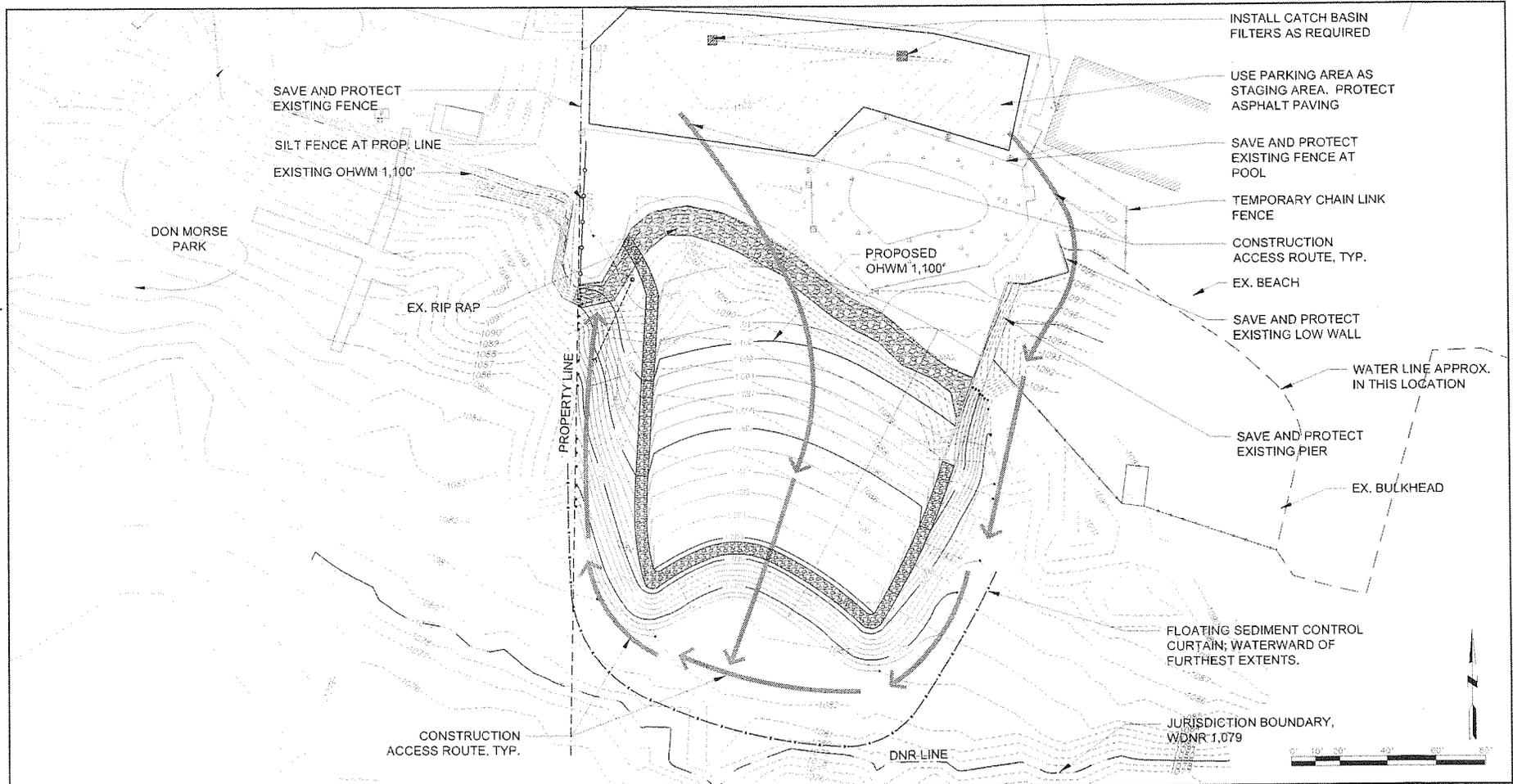
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FIGURE 3 OF 11: EXISTING CONDITIONS

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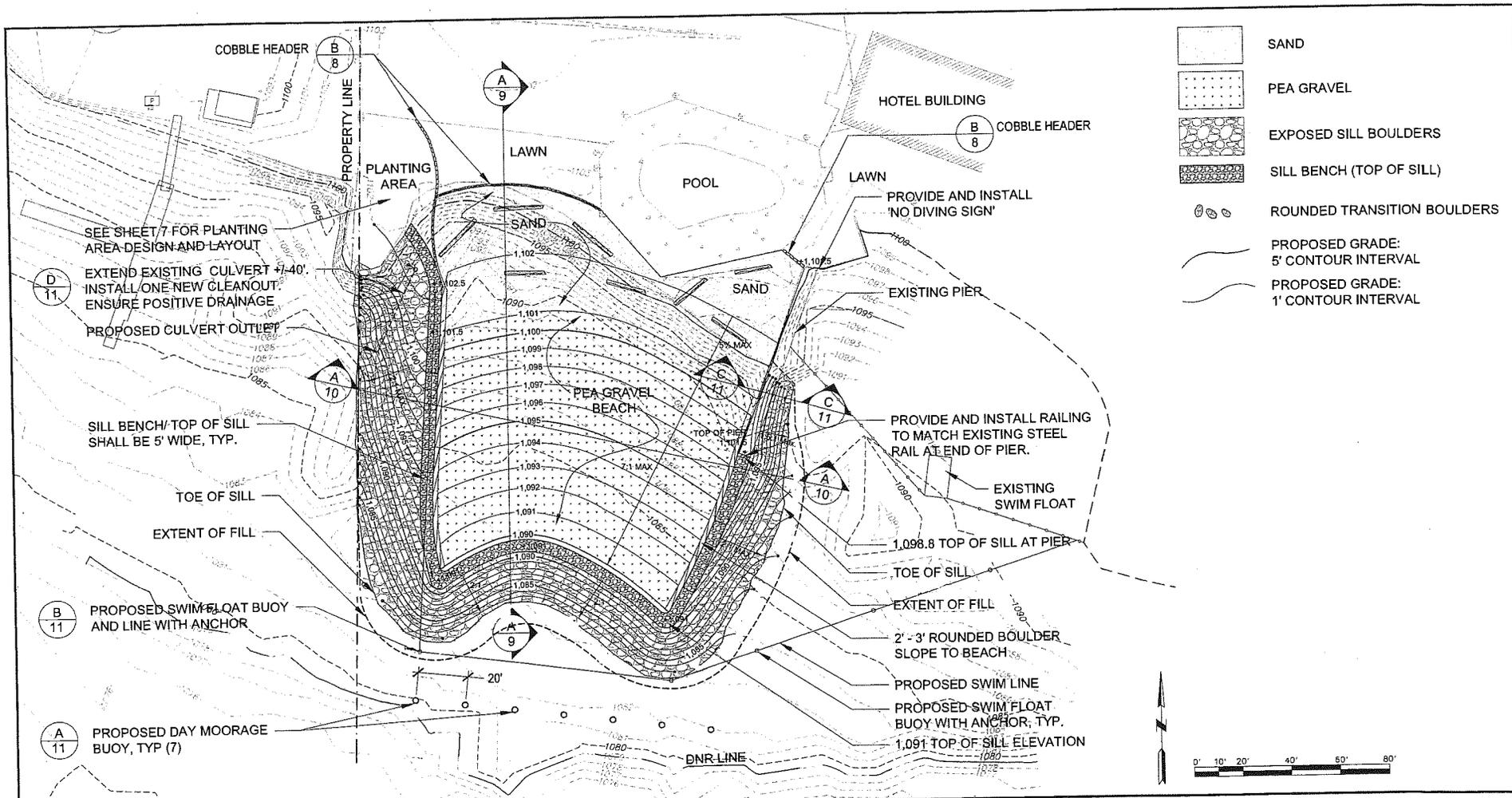
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FIGURE 4 OF 11: TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

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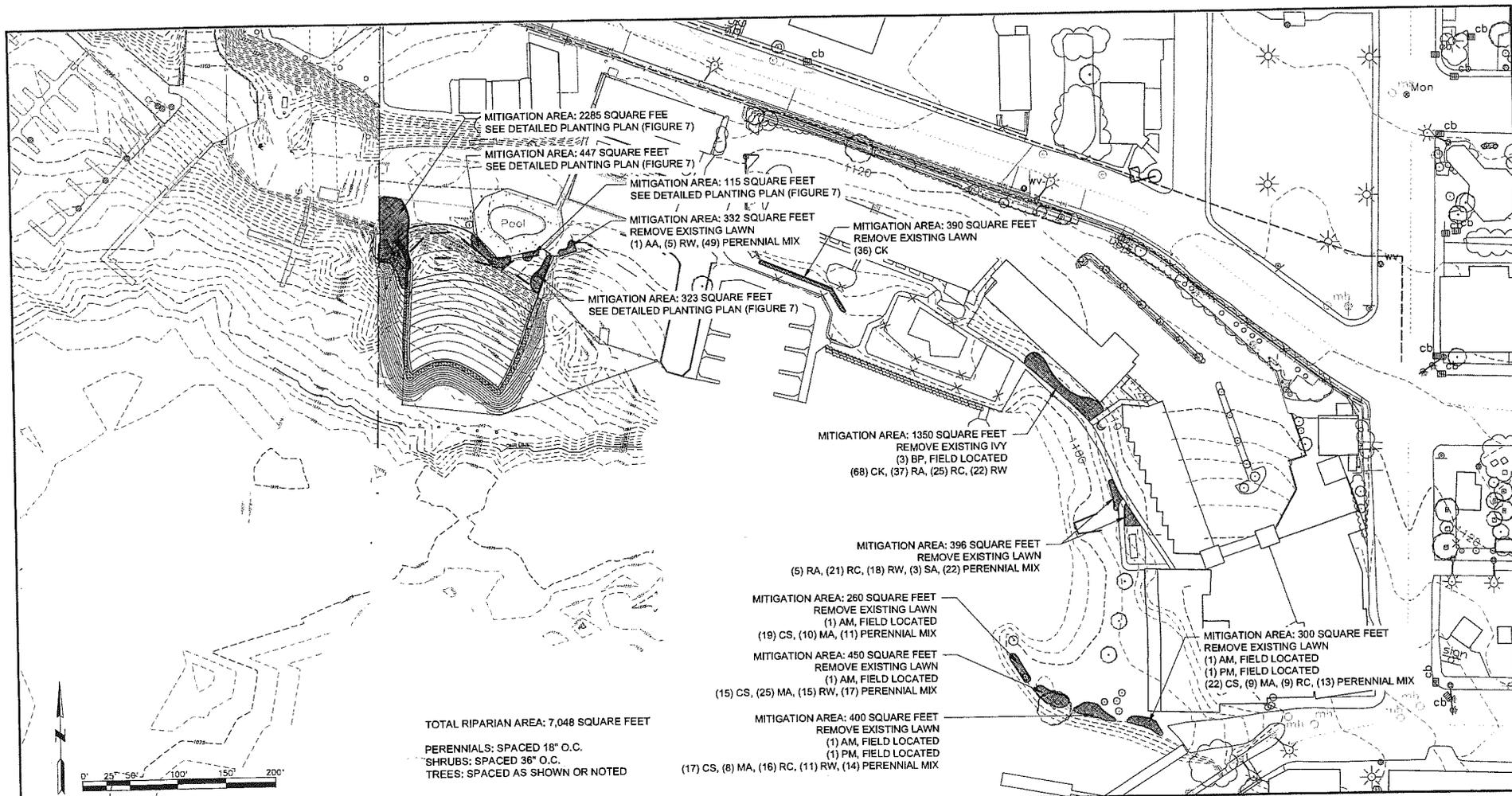
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FIGURE 5 OF 11: LAYOUT / GRADING PLAN

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FIGURE 6 OF 11: MITIGATION PLANTING PLAN

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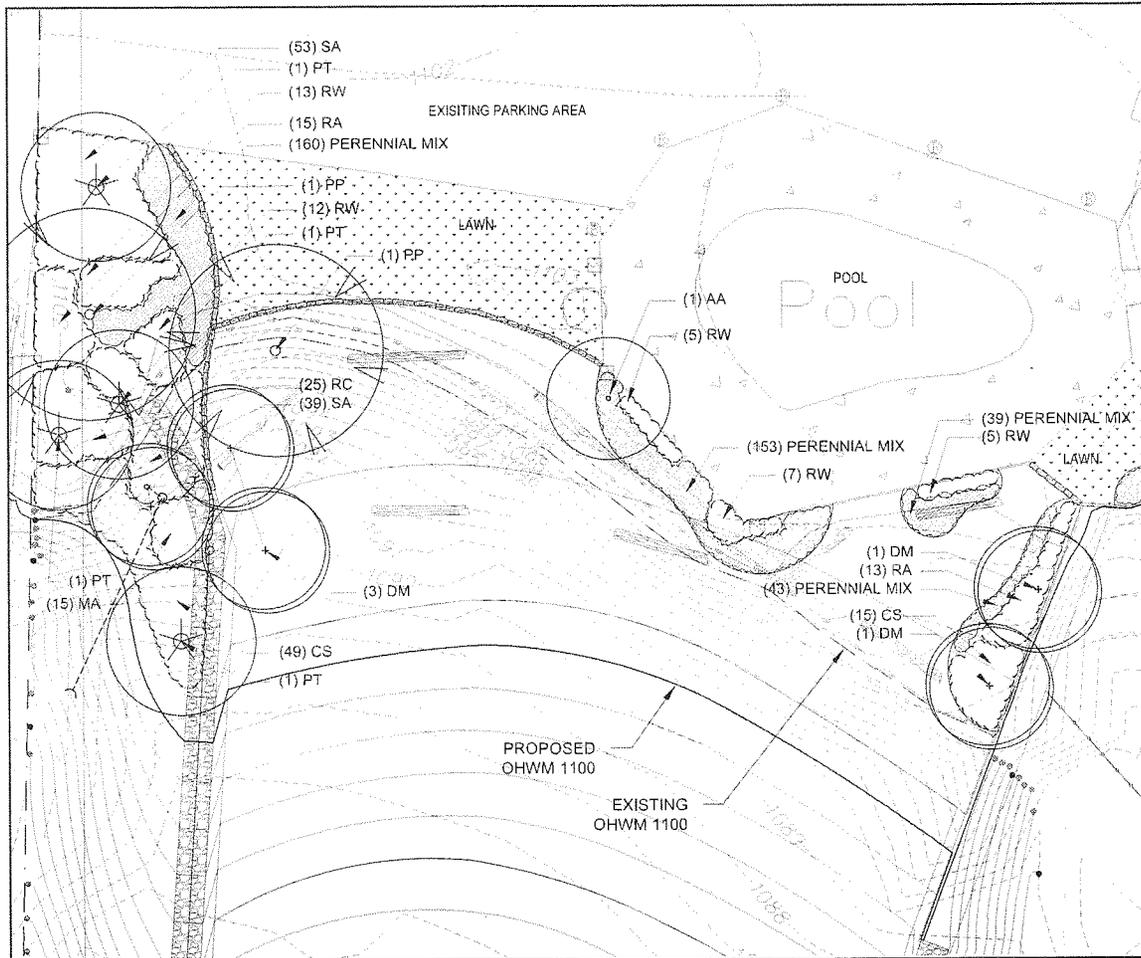
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PLANT SCHEDULE

PLANT LIST					
SYM	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION
LARGE CONIFEROUS TREE					
PP	2	PINUS PONDEROSA	PONDEROSA PINE	6' - 8'	CONTAINER
PM	2	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	6' - 8'	CONTAINER
LARGE DECIDUOUS TREE					
AM	4	ACER MACROPHYLLUM	BIGLEAF MAPLE	5 GAL	CONTAINER
BP	3	BETULA PAPIRYRIFERA	PAPER BIRCH	5 GAL	CONTAINER
PT	4	POPULUS TREMULOIDES	QUAKING ASPEN	5 GAL	CONTAINER
SMALL DECIDUOUS TREE					
DM	5	ACER GLABRUM	DOUGLAS MAPLE	2 GAL	CONTAINER
AA	2	AMELANCHIER ALNIFOLIA	SERVICEBERRY	2 GAL	CONTAINER
LARGE SHRUBS					
RA	70	RIBES AUREUM	GOLDEN CURRANT	2 GAL	CONTAINER
CS	137	CORNUS SERICEA	RED OSIER DOGWOOD	2 GAL	CONTAINER
RC	75	RIBES CERULEUM	WAX CURRANT	1 GAL	CONTAINER
SMALL SHRUBS					
CK	104	CORNUS STOLONIFERA 'KELSEYI'	DWARF RED TWIG DOGWOOD	1 GAL	CONTAINER
MA	67	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	1 GAL	CONTAINER
RW	113	ROSA WOODSII	WOOD'S ROSE	1 GAL	CONTAINER
SA	95	SYMPHORICARPOS ALBUS	SNOWBERRY	1 GAL	CONTAINER
PERENNIALS: "PERENNIAL MIX" IS AN EVENLY SPLIT MIX OF THE BELOW PLANTS					
RS	104	BALSAMORHIZA SAGITTATA	ARROWLEAF BALSAMROOT	4" POTS	18" O.C.
LC	104	LEWISIA COLUMBIANA	COLUMBIA LEWISIA	4" POTS	18" O.C.
PD	104	PENSTEMON DEUSTUS	HOT ROCK PENSTEMON	4" POTS	18" O.C.
CP	104	PENSTEMON FRUINOSUS	CHELAN PENSTEMON	4" POTS	18" O.C.
SD	105	SALVIA DORII	PURPLE SAGE	4" POTS	18" O.C.

PLANTING NOTES:
 PERENNIAL SPACING: 18" O.C.
 SHRUB SPACING: 36" O.C.
 TREE SPACING: AS SHOWN OR NOTED



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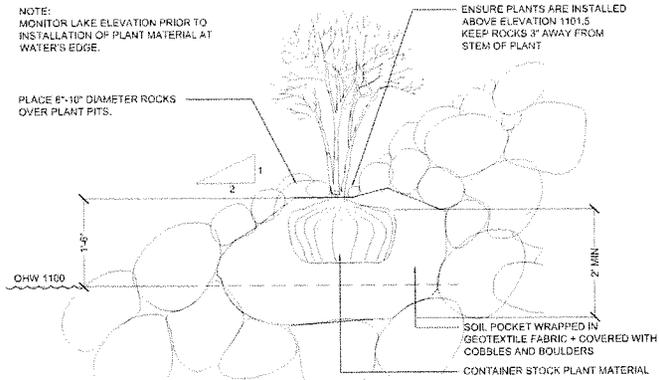
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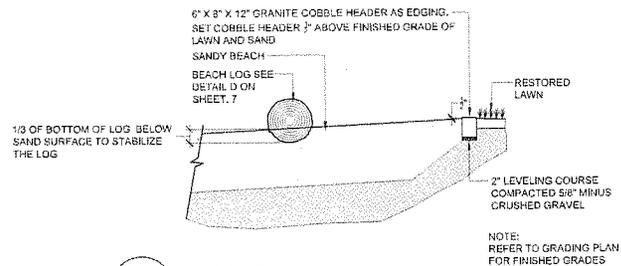
FIGURE 7 OF 11: PLANTING PLAN AT BEACH

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A SHORELINE PLANTING IN ROCK SILL
NOT TO SCALE



B COBBLE HEADER
NOT TO SCALE

NOTE:
- MULCH COMPLETELY BETWEEN ALL PLANTS EXCEPT IN SEEDED AREAS.

PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE.

3" MULCH KEEP MULCH AWAY FROM TRUNK.

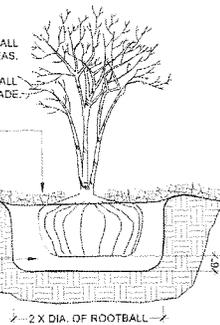
FORM SAUCER WITH 3" CONTINUOUS RIM

FINISH GRADE

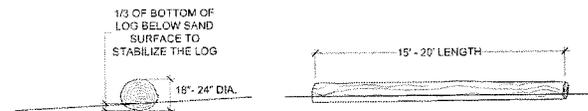
EXISTING SUBGRADE

PLANTING SOIL, WATER AND TAMP TO REMOVE ALL AIR POCKETS.

SCARIFY SIDES OF PLANTING PITS PRIOR TO BACKFILLING.



C TREE AND SHRUB PLANTING DETAIL
NOT TO SCALE



D BEACH LOG DETAIL
NOT TO SCALE

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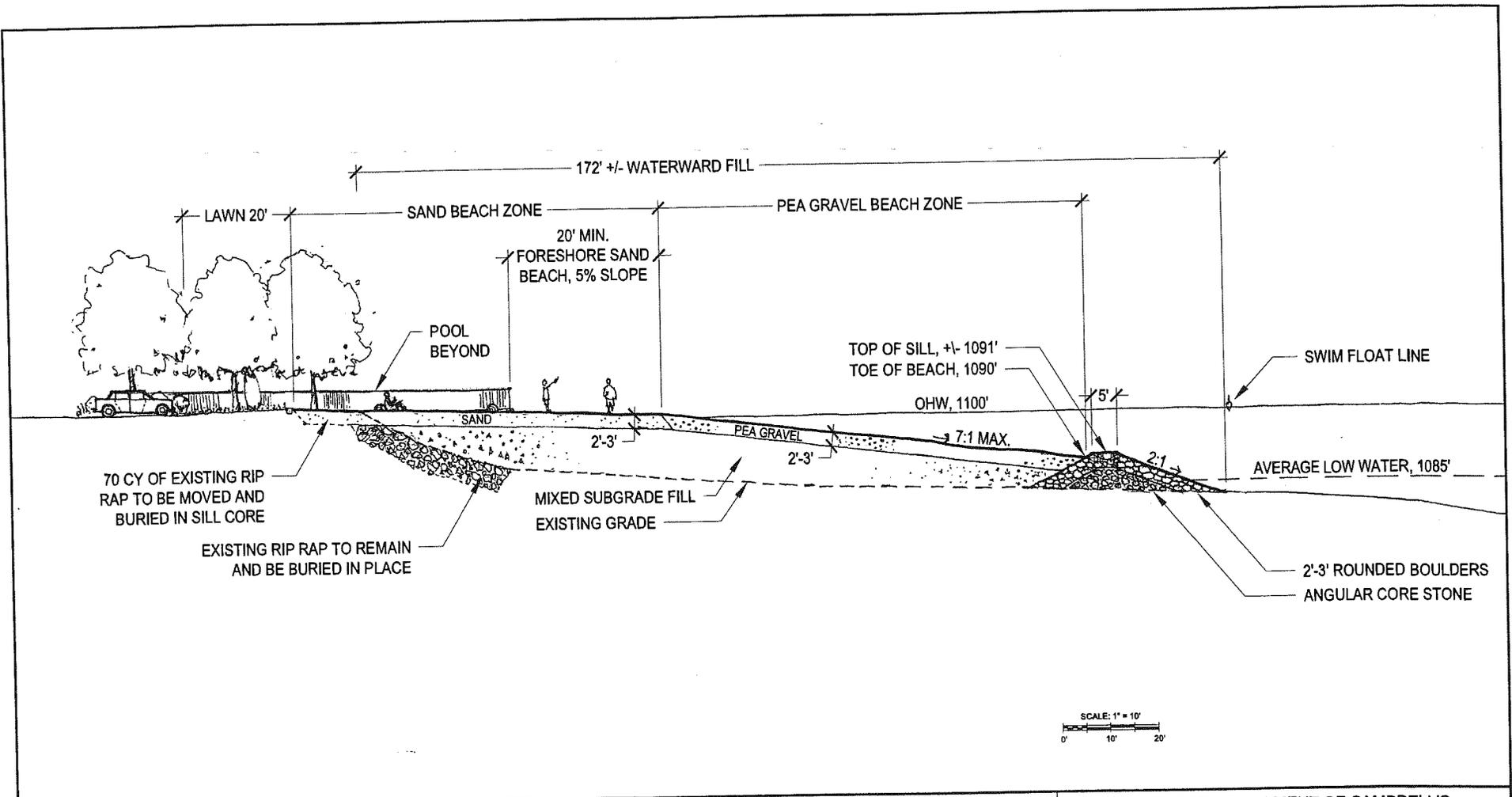
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FIGURE 8 OF 11: SITE DETAILS

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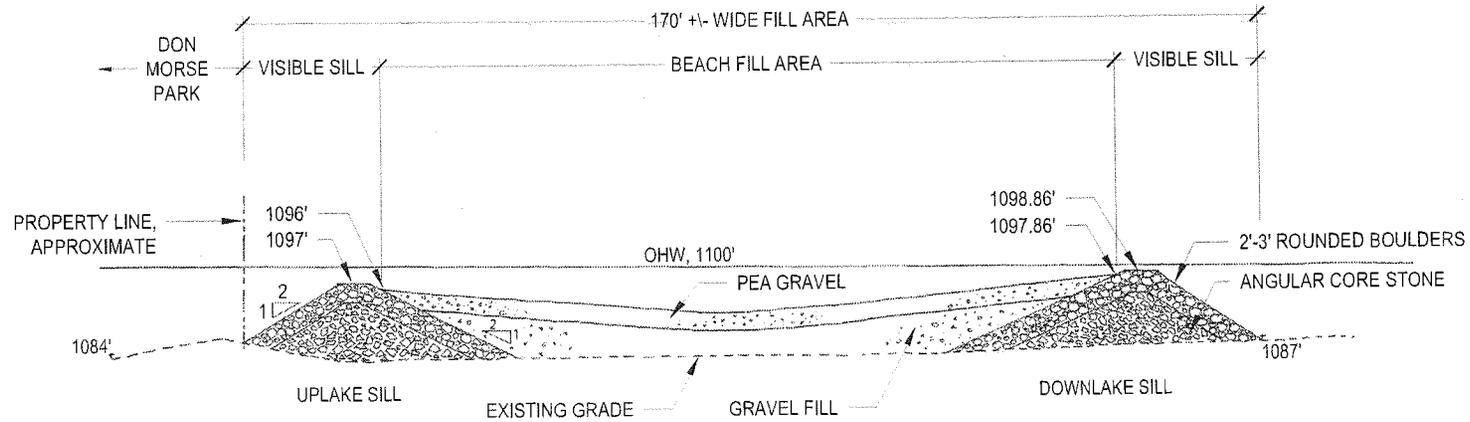
CAMPBELL'S RESORT BEACH IMPROVEMENTS

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FIGURE 9 OF 11: BEACH SECTION A

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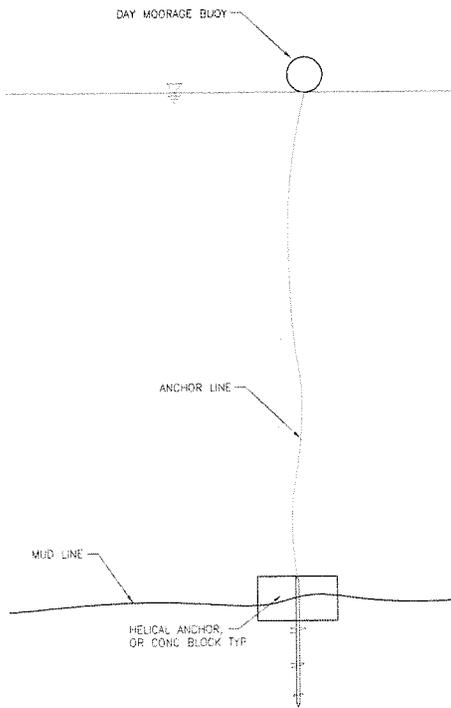
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LONGITUDE: 120°01'23.70" W

CAMPBELL'S RESORT BEACH IMPROVEMENTS

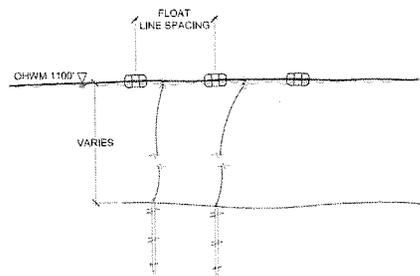
REFERENCE #: NWS-2011-114 **ADDRESS:** 104 W WOODIN,
 CHELAN, WA 98816

FIGURE 10 OF 11: BEACH SECTION B

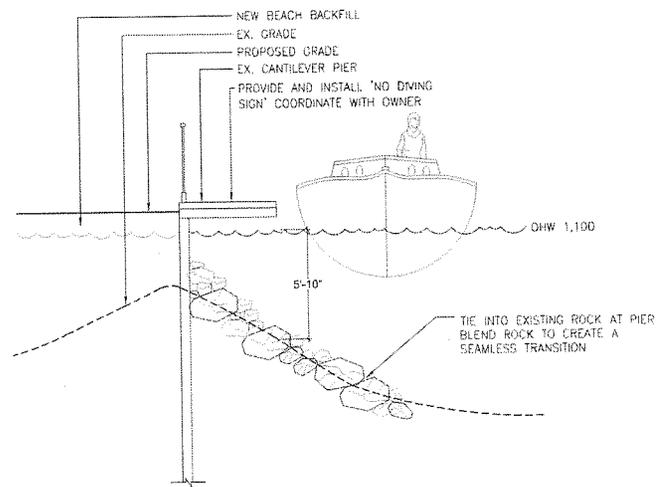
**PROPOSED: REDEVELOPMENT OF CAMPBELL'S
 RESORT BEACH**
IN: LAKE CHELAN U.D. No. 1
AT: CITY OF CHELAN
COUNTY OF: CHELAN STATE: WA
APPL. BY: CAMPBELL'S RESORT
DATE: MAY 2011
REVISED: *April 13, 2012*
 PREPARED BY:
 J.A. BRENNAN ASSOCIATES, PLLC



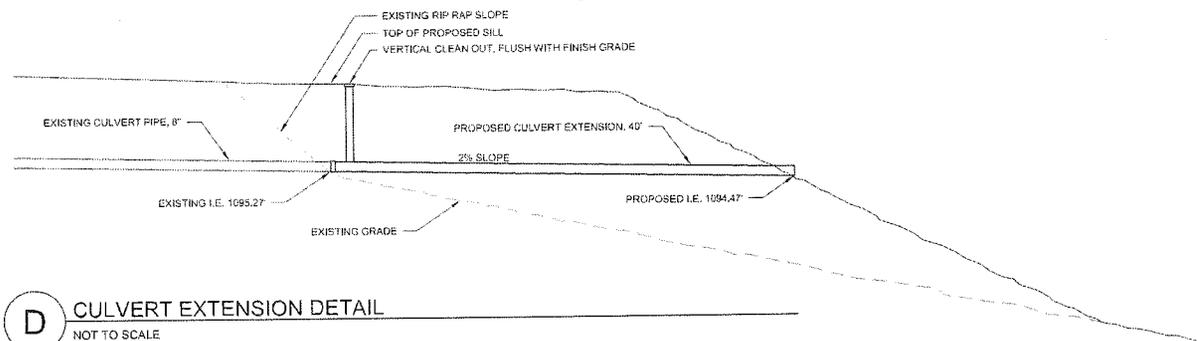
A DAY MOORAGE BUOY DETAIL
NOT TO SCALE



B SWIM FLOAT LINE AND BUOY DETAIL
NOT TO SCALE



C EXISTING CANTILEVERED PIER AND NEW FILL
NOT TO SCALE



D CULVERT EXTENSION DETAIL
NOT TO SCALE

PURPOSE:
IMPROVE BEACH STABILIZATION TO RESTORE BENEFICIAL SHORELINE HABITAT AND RECREATIONAL USE

DATUM: NGVD OF 1929 = 0.0 FEET
ORDINARY HIGH WATER (OHW) = 1100.0 FEET

ADJACENT PROPERTY OWNERS:
DON MORSE PARK, CITY OF CHELAN

LATITUDE: 47°50'29.22" N
LONGITUDE: 120°01'23.70" W

CAMPBELL'S RESORT BEACH IMPROVEMENTS

REFERENCE #: NWS-2011-114 **ADDRESS:** 104 W WOODIN, CHELAN, WA 98816

FIGURE 11 OF 11: BEACH FEATURES DETAILS

PROPOSED: REDEVELOPMENT OF CAMPBELL'S RESORT BEACH
IN: LAKE CHELAN U.D. No. 1
AT: CITY OF CHELAN
COUNTY OF: CHELAN **STATE:** WA
APPL. BY: CAMPBELL'S RESORT
DATE: MAY 2011
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J.A. BRENNAN ASSOCIATES, PLLC

April 13, 2012