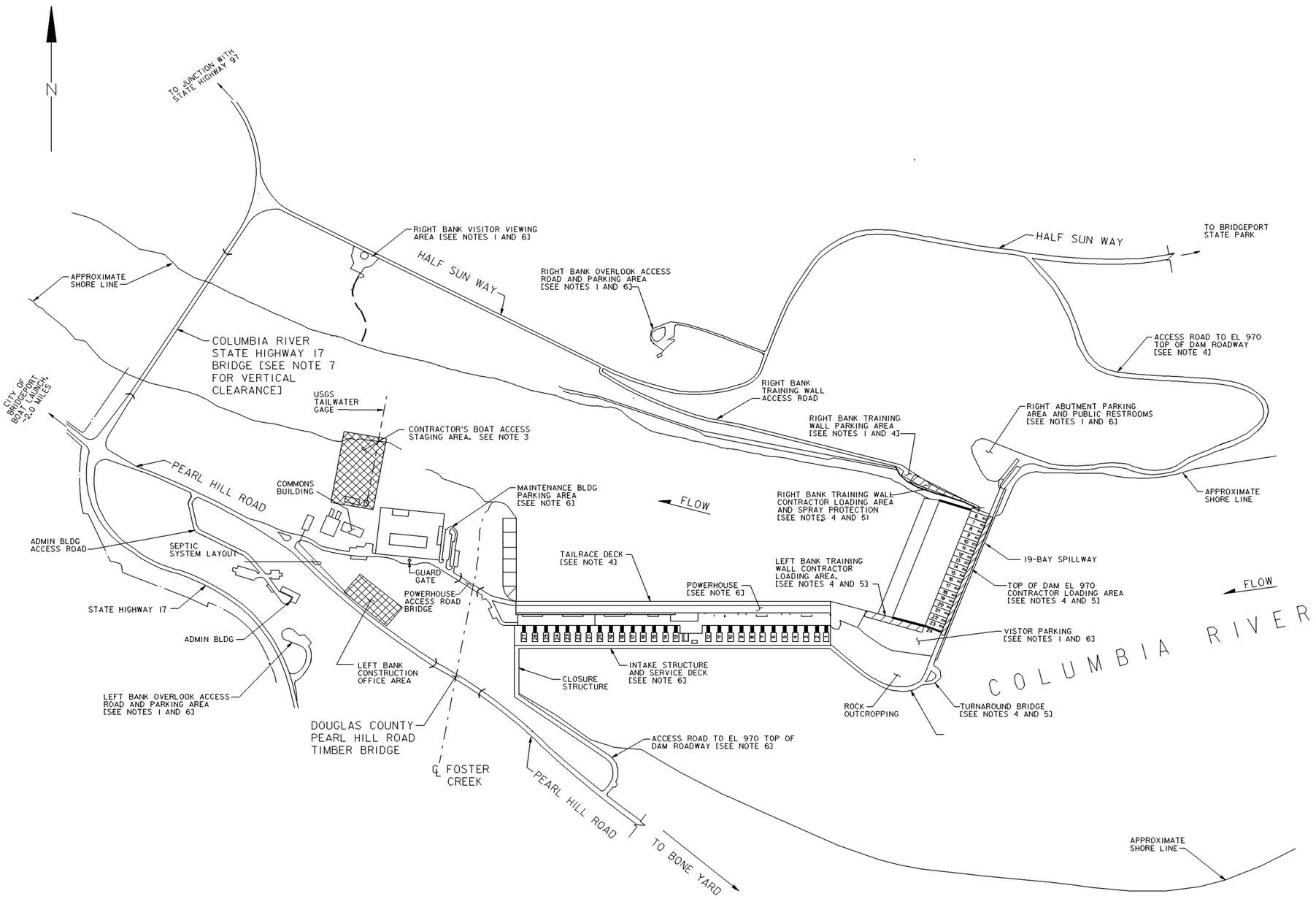
REVISIONS				
SYMBOL	ZONE	DESCRIPTION	DATE	BY



LOCATION MAP

APPROXIMATE SCALE: 1" = 28,000'

ABBREVIATIONS

ADMIN	ADMINISTRATION
BLDG	BUILDING
COR	CONTRACTING OFFICER'S REPRESENTATIVE
EL	ELEVATION
USGS	UNITED STATES GEOLOGIC SURVEY

LEGEND

- CONTRACTOR STAGING AREA
- CONTRACTOR LOADING AREA
- 17 — MONOLITH NUMBER

NOTES:

1. CONTRACTOR'S PERSONNEL ARE PROHIBITED FROM USING ANY PUBLIC RESTROOM. CONTRACTOR'S VEHICLES ARE PROHIBITED FROM USING ANY PUBLIC PARKING AREA, EXCEPT FOR RIGHT BANK TRAINING WALL LOADING.
2. SEE SPECIFICATION SECTION 01501 - CONSTRUCTION FACILITES AND TEMPORARY CONTROLS, FOR INFORMATION ABOUT ON-SITE UTILITIES AND SERVICES.
3. THE EXACT LOCATION AND LIMITS OF THE CONTRACTOR'S STAGING AND LOADING AREAS SHALL BE AS DIRECTED BY THE COR.
4. THE CONTRACTOR SHALL PROVIDE A MINIMUM 12-FOOT WIDE ACCESS ROADWAY THROUGH ALL LOADING AREAS FOR THE GOVERNMENT'S NORMAL OPERATIONS, FOR THE WORK OF OTHER CONTRACTORS AND FOR NATIVE AMERICAN TRIBAL FISHING ACTIVITIES, AS REQUIRED. RIGHT BANK EL 970 ACCESS ROAD SHALL REMAIN OPEN TO ALL VEHICLES.
5. TEMPORARY CLOSURES FOR LOADING / UNLOADING OPERATIONS SHALL BE KEPT TO A MINIMUM AND SHALL BE AUTHORIZED 48 HOURS IN ADVANCE OF OPERATIONS BY THE COR. CONTRACTOR ACCESS TO THE TOP OF DAM EL 970 ROADWAY IS RESTRICTED TO THE SPILLWAY AREA AND TURNAROUND BRIDGE VIA THE RIGHT ABUTMENT ACCESS GATE.
6. CONTRACTOR ACCESS TO THE AREAS INDICATED IS PROHIBITED UNLESS SPECIFICALLY AUTHORIZED BY THE COR.
7. ELEVATION OF 800-FOOT LONG 3-SPAN CONTINUOUS TRUSS BOTTOM CHORD VARIES FROM ~EL 806.0 AT PIER TOPS TO ~EL 835.0 AT ARCH MIDSPANS.

NWS INTERNAL
90% REVIEW
10 SEP 04

IF SHEET BORDER IS LESS THAN 30" x 42", PRINT SCALE IS REDUCED ACCORDINGLY

U.S. ARMY ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON

CONSTRUCT GAS ABATEMENT SPILLWAY DEFLECTORS

FIGURE 1: LOCATION MAP

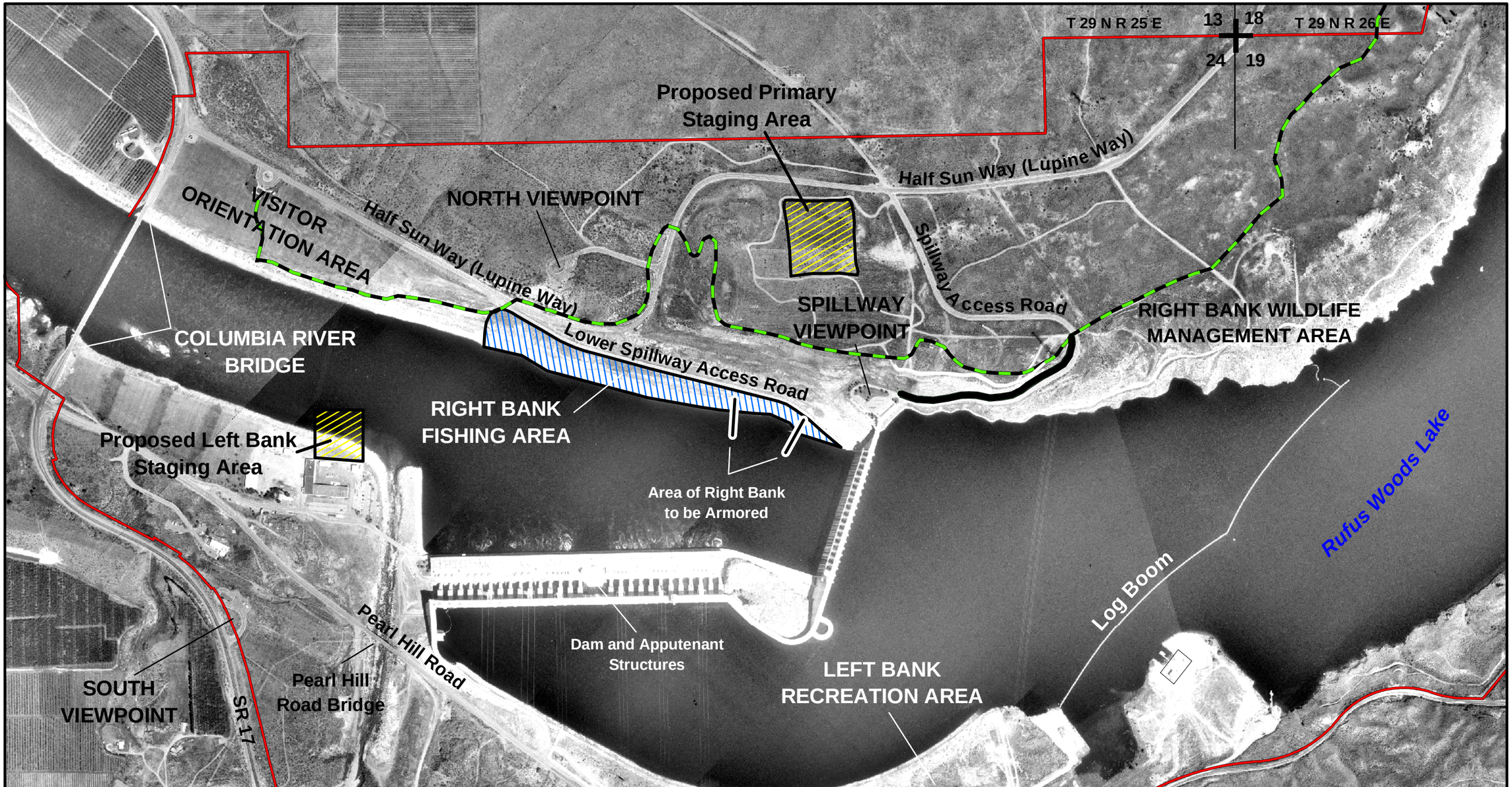
CHIEF JOSEPH DAM
COLUMBIA RIVER @ BRIDGEPORT WASHINGTON

REVIEWED:	SIZE	INVITATION NO.	FILE NO.	DATE:	PLATE
	F			04SEP15	G-2
	DSGN: J. RYAN		CHK: J. OUNELL	SHEET 2	

DESIGN FILE: s:\civ\Chief_Jo\abatement\figure drawings\cjdgg0bfig.dgn
DATE AND TIME PLOTTED: 20-SEP-2004 10:19

DESIGN FILE: s:\civ\Chief_Jo\abatement\figure drawings\cjdgg0bfig.dgn
DATE AND TIME PLOTTED: 20-SEP-2004 10:19

1/2 size 56,000:1



350 175 0 350 700 1,050 Feet

Scale = 1:8400; 1 inch = 700 feet

aerial base 8/12/93; CADD drawing 3/98

Proposed Staging Areas

Right Bank Fishing Area

Corps Fee Boundary

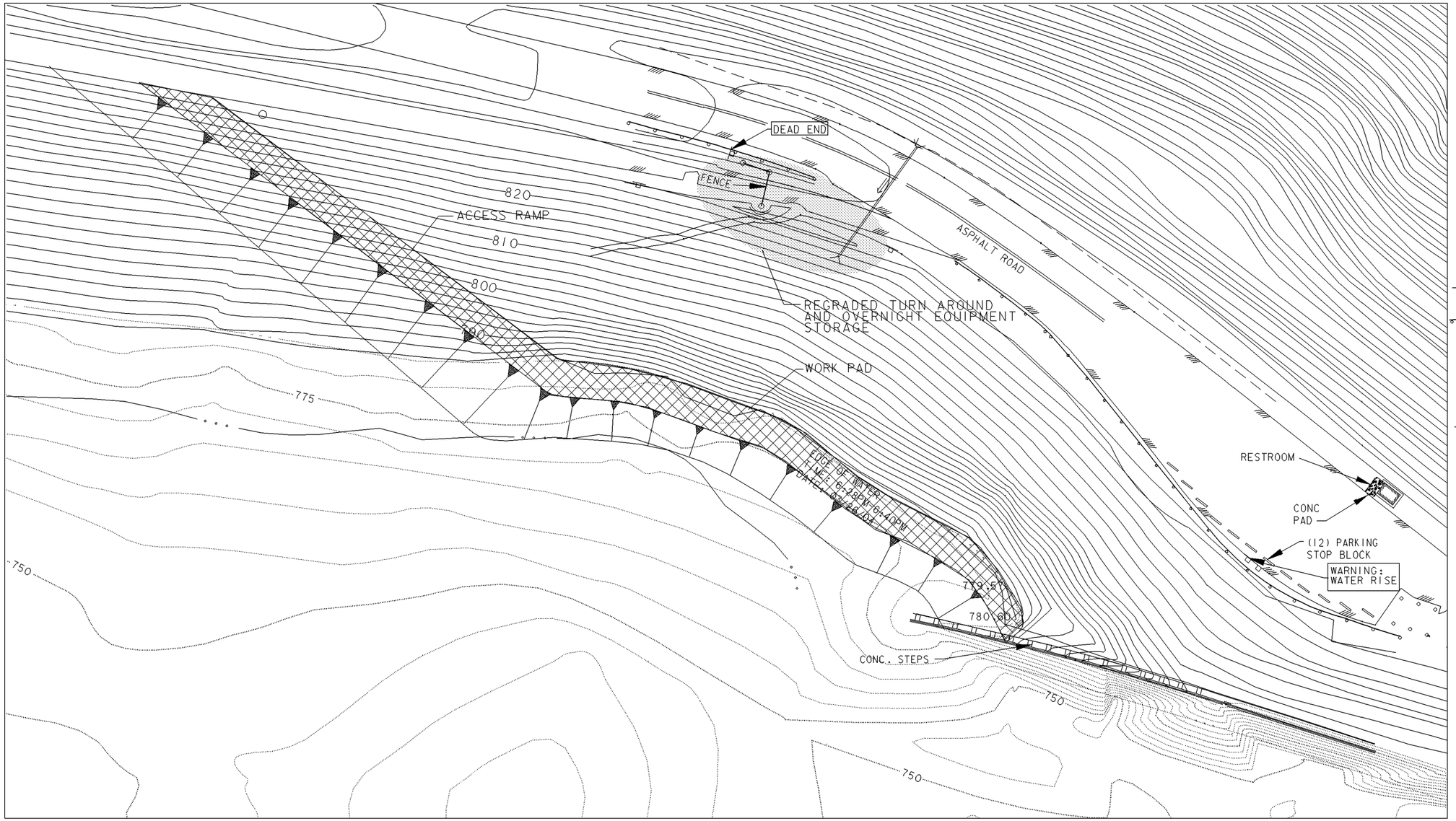
North Shore Recreation Trail

US Army Corps of Engineers
Seattle District

Figure 2: Aerial Photo Showing Project Area

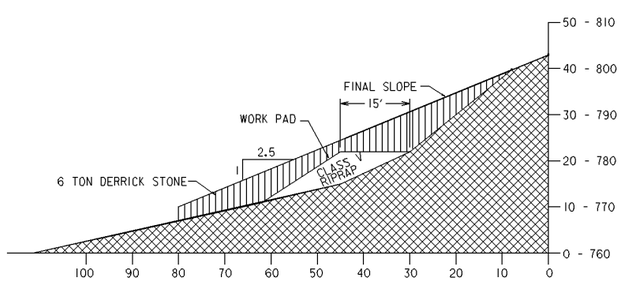
Figure 3: Right (North) bank below Chief Joseph Dam. Note the large armor rock and lack of vegetation.

Figure 4: Right (North) bank downstream of Chief Joseph Dam.

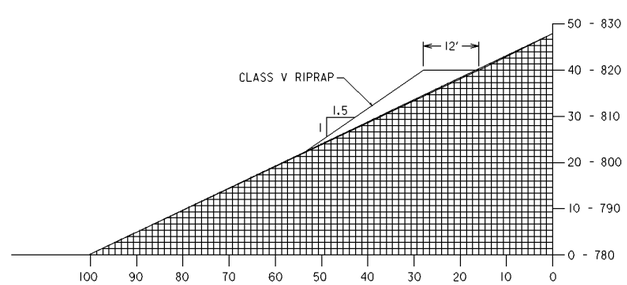


LEGEND

- STORM CULVERT
- DOUBLE YELLOW TRAFFIC CHANNEL LINE
- 2.5' TALL GAURD RAIL w/ 9" DIA. CONC. POST
- PARKING STOP BLOCK (0.7'WIDE X 0.5'TALL)
- SIGN
- HANDRAIL



DERRICK STONE REPLACEMENT
(TYP.)
x 220 LF



RAMP (TYP.)
x 250 LF

1" = 40' 20' 10' 0 20' 40'

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DATE AND TIME PLOTTED: 20-SEP-2004 10:33
DESIGN FILE: S:\CIV\CHIEF_JO\ABATEMENT\FIGURE DRAWINGS\RIGHT BANK STAGE

PREPARED: RICHARD J. WRIGHT — DESIGN MANAGER	U.S. ARMY ENGINEER DISTRICT, SEATTLE CORPS OF ENGINEERS SEATTLE, WASHINGTON
REVIEWED: DEAN M. SCHMIDT — CHIEF, TECH ENGINEERING AND REVIEW SECTION	FIGURE 5: CHIEF JOSEPH DAM – RIGHT BANK RIPRAP REPLACEMENT AREA
SUBMITTED: MARK A. OHLSTROM, P.E. — CHIEF, DESIGN BRANCH	
RECOMMENDED: HOWARD R. BLOOD JR. — CHIEF, ENGINEERING & CONSTRUCTION DIVISION	
APPROVED: DEBRA M. LEWIS — COL, CORPS OF ENGINEERS DISTRICT ENGINEER	

SIZE	INVITATION NO.	FILE NO.	DATE:	PLATE
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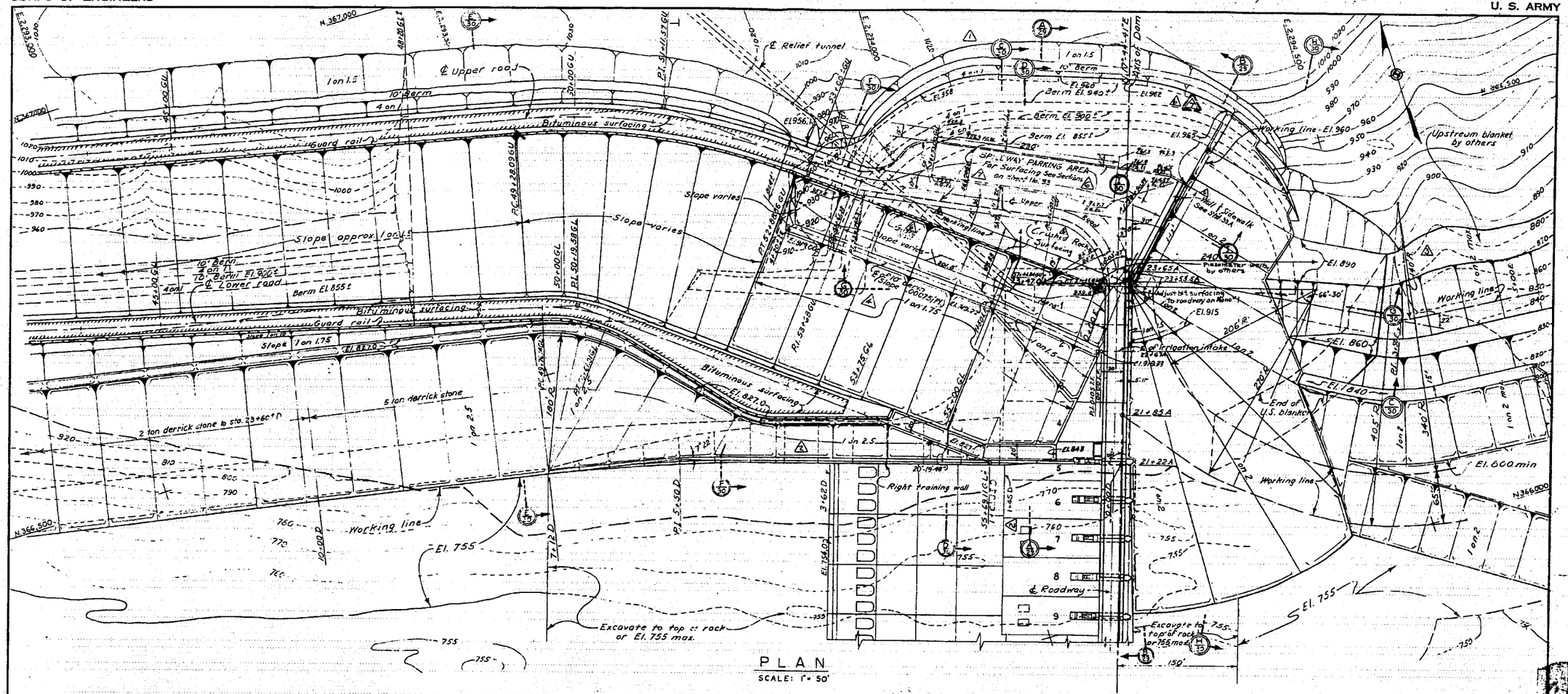
DSGN. BARRETT		CHK. FISCHER	SHEET	

CORPS OF ENGINEERS

U. S. ARMY



Sheet No. 29 of 76

FIGURE 6: ASBUILT

CORPS OF ENGINEERS

U. S. ARMY

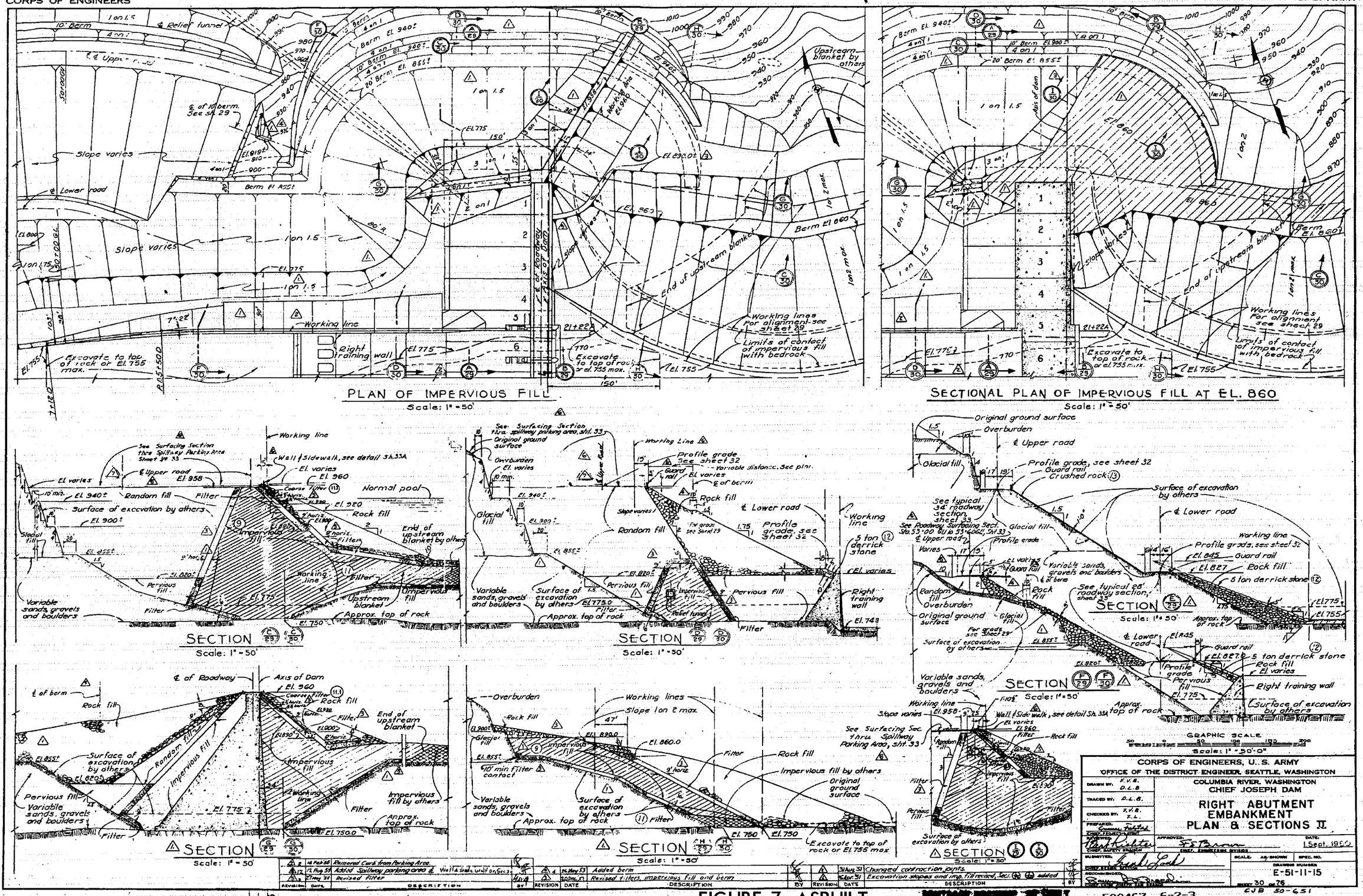
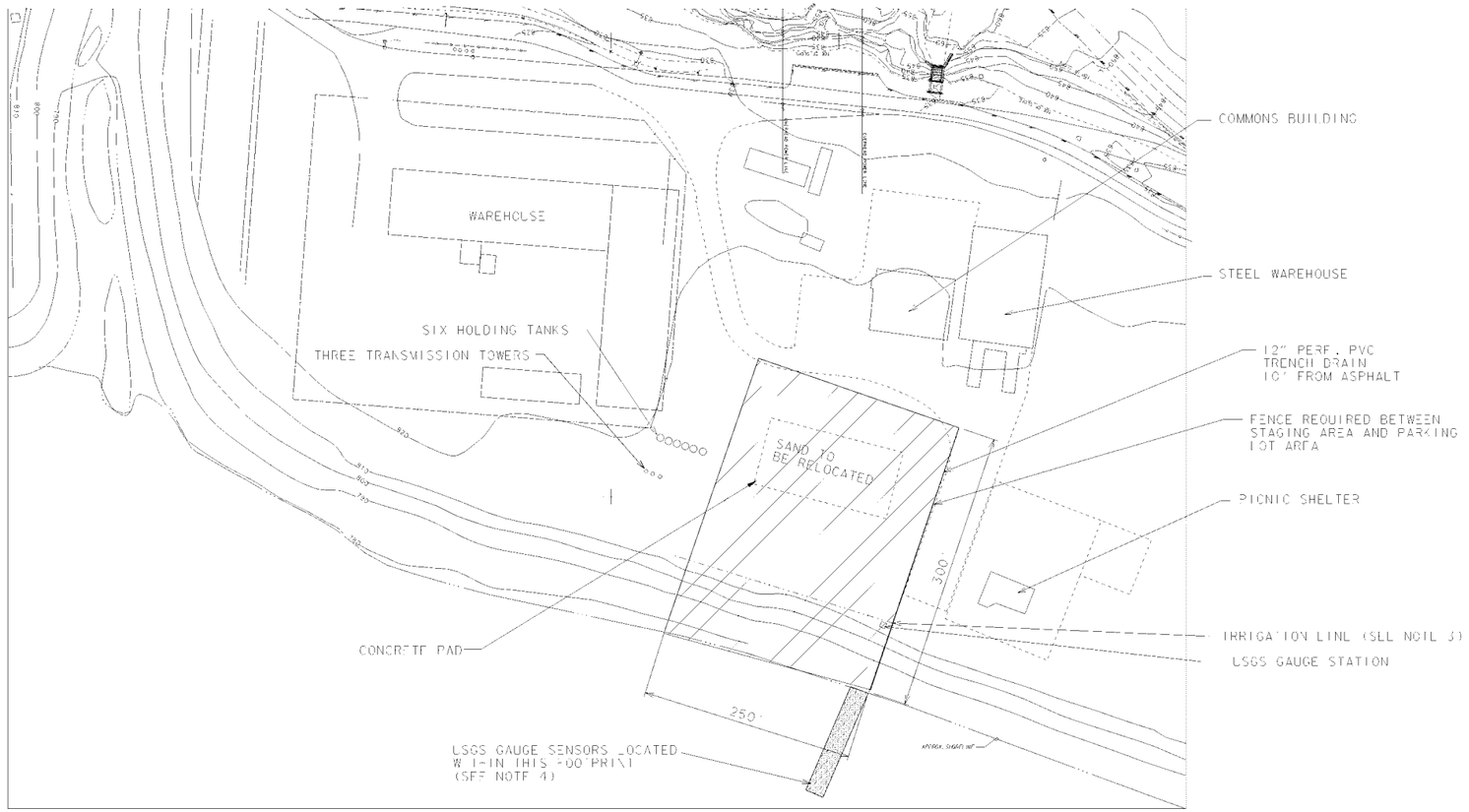


FIGURE 7: ASBUILT



NOTES:

1. CONTRACTOR WILL HAVE TO PASS THROUGH SECURITY GATE TO ACCESS SITE. (TO BE CONSTRUCTED IN FY05)
2. CONTRACTOR SHALL RELOCATE SAND TO DESIGNATED SITE NEAR DAM PER COR.
3. CONTRACTOR SHALL RELOCATE IRRIGATION LINE.
4. CONTRACTOR SHALL PROTECT USGS GAGES (IN WATER) AND POWER SOURCE (TOP OF BANK)

LEFT BANK STAGING AREA

1" = 50'

REDUCED TO 50% OF FULL SIZE

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DATE AND TIME PLOTTED: 16-SEP-2004 10:14
DESIGN FILE: S:\CIV\CHIEF_JO\ABATEMENT\FIGURE DRAWINGS\LEFTBANKSTAGINGFIG.DGN

PREPARED:
DENNIS FISCHER, P.E.
CHIEF CIVIL SOILS SECTION
SUBMITTED:
RICHARD J. WRIGHT, P.E.
TECHNICAL MANAGER
SUBMITTED:
OLTON SWANSON, P.E.
CHIEF DESIGN BRANCH
RECOMMENDED:
MARK A. OHLSTROM, P.E.
CHIEF, ENGINEERING & CONSTRUCTION DIVISION
APPROVED:
WILLIAM M. LEWIS
COLONEL CORPS OF ENGINEERS, DISTRICT ENGINEER

U.S. ARMY ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON

CONSTRUCT GAS ABATEMENT SPILLWAY DEFLECTORS

FIGURE 8: LEFT BANK STAGING AREA

CHIEF JOSEPH DAM
COLUMBIA RIVER @ BRIDGEPORT WASHINGTON

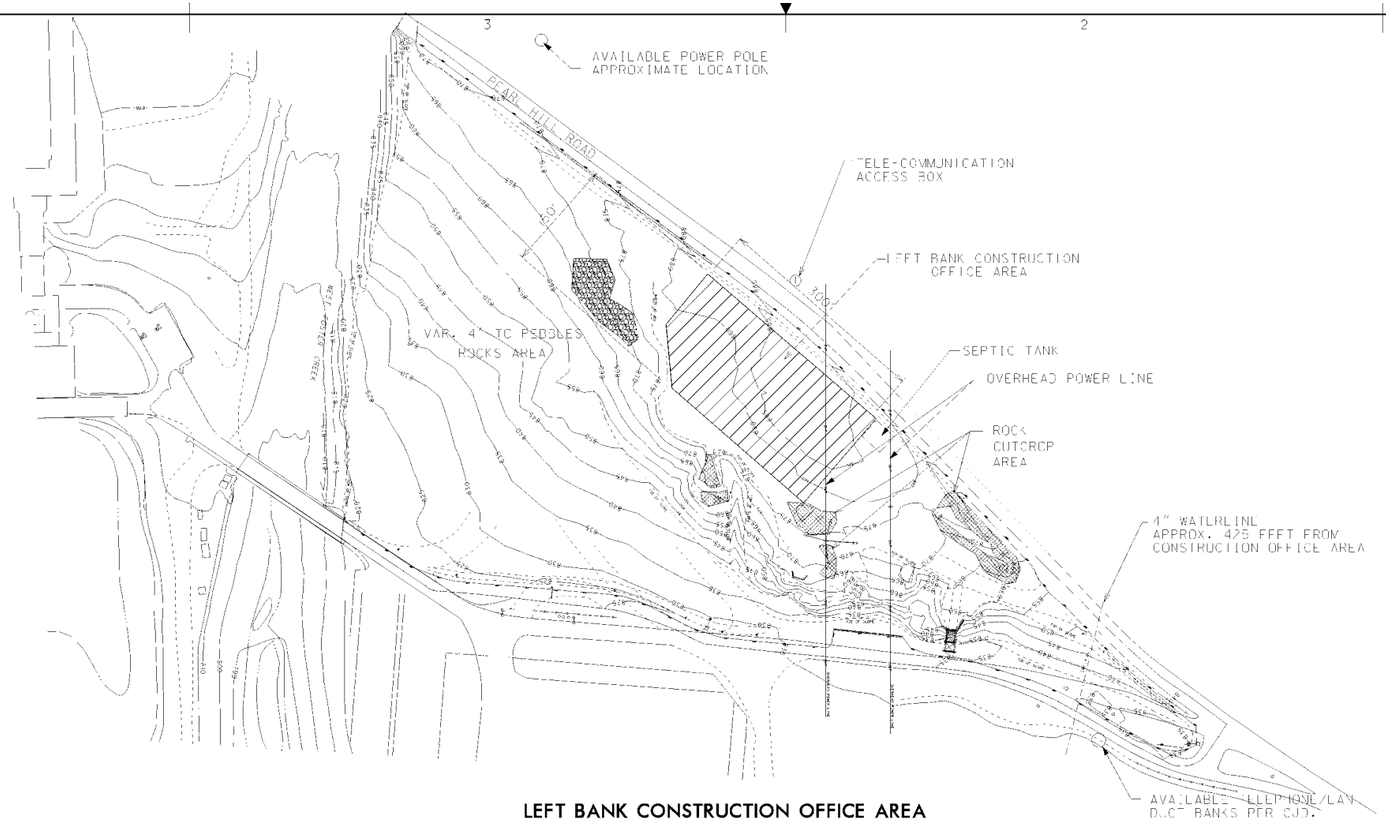
SIZE	INVITATION NO.	FILE NO.	DATE:	PLATE
D			15 SEP 04	
DSGN. DESJARDIN		DWN. GOUGH	SHEET	

Figure 9: Proposed Site Of The Temporary Pier And Barge Staging Area On The Left (South) Bank Of The Columbia River Below Chief Joseph Dam.

Figure 10: Proposed Site Of The Temporary Pier And Barge Staging Area On The Left (South) Bank Of The Columbia River Below Chief Joseph Dam.

Figure 11: Proposed Primary Staging Area on the Right Bank.

Figure 12: Proposed Primary Staging Area on the Right Bank.



LEFT BANK CONSTRUCTION OFFICE AREA

NOTES:
1. CONTRACTOR WILL HAVE ROOM FOR:
   ONE (1) TRAILER AND 10 CARS.
2. CORPS WILL HAVE ROOM FOR:
   ONE (1) TRAILER AND 10 CARS
3. CONTRACTOR RESPONSIBLE FOR GRADING SITE AND
   GRAVEL PARKING AREA.
4. IF CONTRACTOR WOULD LIKE PCC PAD
   CONTRACTOR IS RESPONSIBLE FOR FURNISHING IT.
5. CONTRACTOR IS RESPONSIBLE FOR HOOKING
   UP TO UTILITIES. UTILITY LOCATIONS SHOWN ARE FOR
   REFERENCE AND APPROXIMATE.
6. CONTRACTOR SHALL ADD APPROXIMATE SIZE WATERLINE ADEQUATE
   TO SERVE A CAPACITY OF 20.

N

1" = 100' 100' 50' 0 100' 200'

REDUCED TO 50% OF FULL SIZE

PREPARED:
DENNIS FISCHER, P.E.
OWNER: CIVIL SOILS SECTION
SUBMITTED:
RICHARD J. WEGNER, P.E.
TECHNICAL MANAGER
SUBMITTED:
JOHN SWANSON, P.E.
OWNER: DESIGN BRANCH
RECOMMENDED:
MARK A. OHLSTROM, P.E.
CHIEF, ENGINEERING & CONSTRUCTION DIV'S DIV
APPROVED:
JOSEPH M. LEWIS
COL, CORPS OF ENGINEERS, DISTRICT ENGINEER

U.S. ARMY ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON

CONSTRUCT GAS ABATEMENT SPILLWAY DEFLECTORS

FIGURE 13: LEFT BANK CONSTRUCTION OFFICE AREA

CHIEF JOSEPH DAM
COLUMBIA RIVER @ BRIDGEPORT WASHINGTON

SIZE	INVITATION NO.	FILE NO.	DATE:	PLATE
D			15 SEP 04	

DSGN: DESJARDIN DWN: GOUGH SHEET

Computer Aided Design & Drafting

DATE AND TIME PLOTTED: 16-SEP-2004 10:12
DESIGN FILE: S:\CIV\CHIEF_JO\ABATEMENT\FIGURE DRAWINGS\LEFTBANK OFFICEFIG.DGN

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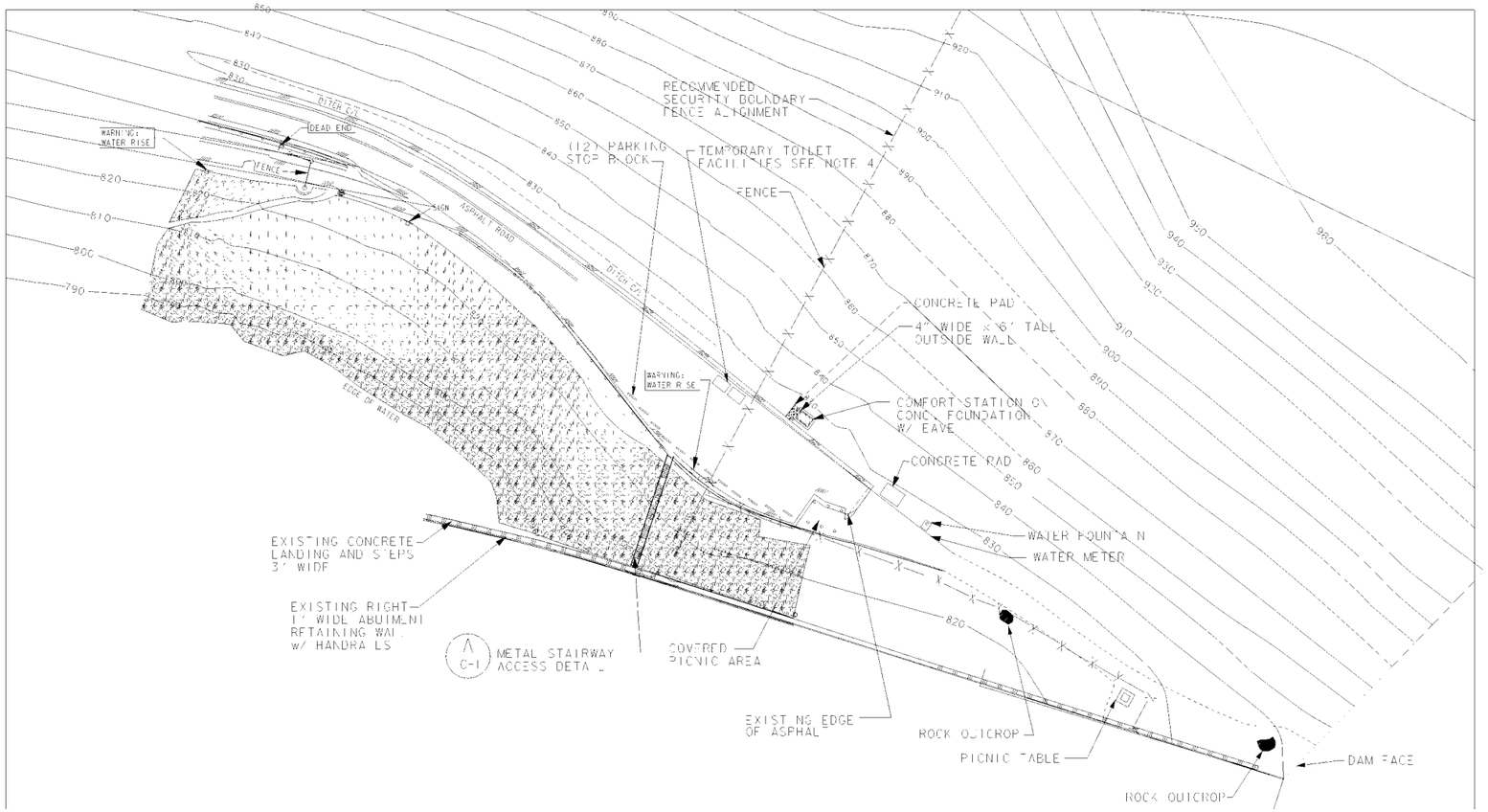
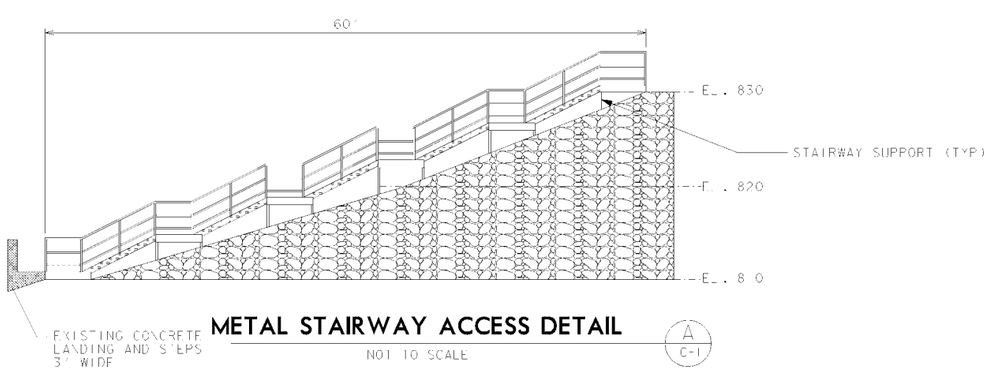


NOTES:
1. CONTRACTOR SHALL PROTECT UTILITIES IN PLACE.
2. IF CONTRACTOR REMOVES WATER FOUNTAIN, PICNIC SHELTER AND PCC PAD, CONTRACTOR SHALL REPLACE IN KIND.
3. CONTRACTOR SHALL INSTALL SECURITY BOUNDARY FENCE.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN TWO (2) TEMPORARY TOILETS FACILITIES WITH BUILT IN SINK FOR THE DURATION OF CONSTRUCTION.

RIGHT BANK TRAINING WALL SPRAY PROTECTION AREA

LEGEND

- RIP RAP
- PAVEMENT
- CONCRETE
- X— X —X— SECURITY BOUNDARY FENCE



METAL STAIRWAY ACCESS DETAIL

NOT TO SCALE

A
C-1

1" = 40' 10' 20' 0 40' 80'

REDUCED TO 50% OF FULL SIZE

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DATE AND TIME PLOTTED: 16-SEP-2004 10:15
DESIGN FILE: S:\CIV\CHIEF_JO\ABATEMENT\FIGURE DRAWINGS\RIGHT BANK SPRAY CONSTRUCTION FIG.DGN

Computer Aided Design & Drafting

PREPARED: DENNIS F SCHER, P.E. — CHIEF, CIVIL SOILS SECTION
SUBMITTED: RICHARD W. WRIGHT, P.E. — TECHNICAL ADVISOR
SUBMITTED: OLION SWANSON, P.E. — CHIEF, DESIGN BRANCH
RECOMMENDED: MARK A. OHLSTROM, P.E. — CHIEF, ENGINEERING & CONSTRUCTION DIVISION
APPROVED: DOUGLAS W. LEWIS — COL, CORPS OF ENGINEERS, DISTRICT ENGINEER

U.S. ARMY ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON

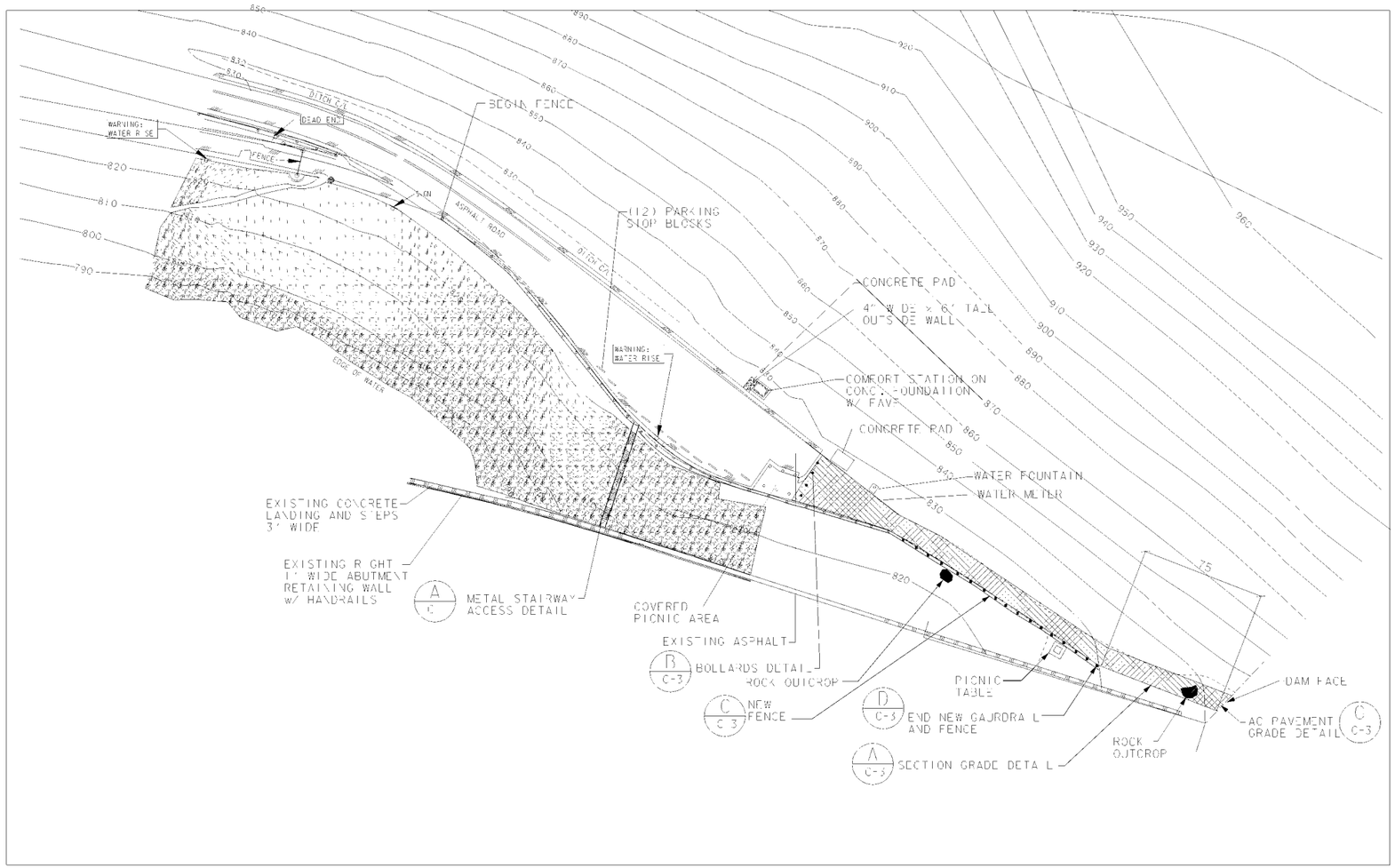
CONSTRUCT GAS ABATEMENT SPILLWAY DEFLECTORS

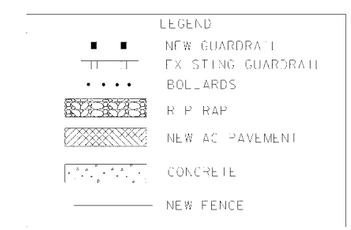
FIGURE 14: RIGHT BANK TRAINING WALL SPRAY PROTECTION (CONSTRUCTION PHASE)

CHIEF JOSEPH DAM
COLUMBIA RIVER @ BRIDGEPORT WASHINGTON

SIZE	INVITATION NO.	FILE NO.	DATE:	PLATE
D			15 SEP 04	
DSGN: DESJARDIN		DRN: GOUGH	SHEET	

NOTES:
1. CONTRACTOR SHALL PROTECT UTILITIES IN PLACE.
2. GRADE NEW PAVED ROAD @ 5% STARTING @ DAM FACE TO EXISTING PAVEMENT EDGE. PAVE AROUND ROCK OUTCROP AS NECESSARY.
3. CONTRACTOR SHALL REPLACE IN KIND ANY PCC PADS, UTILITIES & RECREATION FEATURES THAT ARE REMOVED/DISTURBED FOR CONSTRUCTION.
4. GRADE SLOPE OF NEW PAVED ROAD TOWARD RIVER @ 1%.
5. END FENCE AND NEW GUARDRAIL 75' FROM FACE OF DAM.





RIGHT BANK TRAINING WALL SPRAY PROTECTION AREA

1" = 40' 40' 20' 0 40' 80'

REDUCED TO 50% OF FULL SIZE

PREPARED:
DENNIS FISCHER, P.E.
CHIEF CIVIL SOILS SECTION
SUBMITTED:
RICHARD J. WRIGHT, P.E.
TECHNICAL MANAGER
SUBMITTED:
OLTON SWANSON, P.E.
CHIEF DESIGN BRANCH
RECOMMENDED:
MARK A. OHLSTROM, P.E.
CHIEF, ENGINEERING & CONSTRUCTION DIVISION
APPROVED:
COL. CORPS OF ENGINEERS, DISTRICT ENGINEER

U.S. ARMY ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON

CONSTRUCT GAS ABATEMENT SPILLWAY DEFLECTORS

FIGURE 15: RIGHT BANK TRAINING WALL SPRAY PROTECTION (FINAL PHASE)

CHIEF JOSEPH DAM
COLUMBIA RIVER @ BRIDGEPORT WASHINGTON

SIZE	INVITATION NO.	FILE NO.	DATE	PLATE
D			15 SEP 04	

DSGN. DESJARDIN CHK. GOUGH SHEET

DATE AND TIME PLOTTED: 16-SEP-2004 10:16
DESIGN FILE: S:\CIV\CHIEF_JO\ABATEMENT\FIGURE DRAWINGS\RIGHTBANKSPRAYFINALFIG.DGN

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Figure 16: Left Bank and Dam Fishing Access Areas, Summer 2004.

US Army Corps of Engineers ®
Seattle District

Chief Joseph Dam

Access and Safety Restrictions

2004

Summer Fishing Season

Access beyond the south shore security station for the purpose of fishing is subject to the following:

Fishing Regulations: All existing fishing regulations apply, including those of the Washington Department of Fish and Wildlife and the Confederated Tribes of the Colville Reservation. Colville tribal members are allowed to fish/snag from the whole fishing area, while others are limited to the area beginning 400 feet downstream from the Powerhouse.

Season Dates: July 1, 2004—October 31, 2004.

Designated Fishing Area: Begins at the mouth of Foster Creek and includes the spit of land that separates the creek from the river. It extends upstream along the tailrace deck to the base of the spillway. It includes only that area required for the taking of fish. Map on reverse.

Hours/Days: Sunrise to one-half hour after sunset, daily. Official sunrise and sunset times will be posted at the Security Station. Request that CCT members do not enter between 6:30 a.m. and 7:00 a.m. Monday through Thursday when USACE employees are reporting to work through the security station.

Required Security Check In: Vehicles and hand-carried items are subject to security search prior to entry beyond the security station. Those unwilling to submit to a vehicle search may park outside the security station and walk to the fishing areas. Anglers in possession of prohibited items will be denied entry. All adult anglers must show official picture identification (i.e. tribal member card, drivers license, etc.) at the security station. Anglers with a tribal Blue Card I.D. must display the card at all times on their outer clothing. Other anglers will be issued an "angler visitor pass" which must be displayed similarly. The visitor pass must be returned to the security station when leaving the secure area. The Colville Tribe Natural Resources Department will provide holders for the member cards. Minor children (anyone under 18 years of age) will be allowed on site only under the immediate care of a designated adult. A Colville Tribe Member I.D. is required to fish within the first 400 feet from the dam.

Emergency Closure: In the event of an emergency, the fishing area will be evacuated and will remain closed until reopened by the Project Manager or his authorized representative.

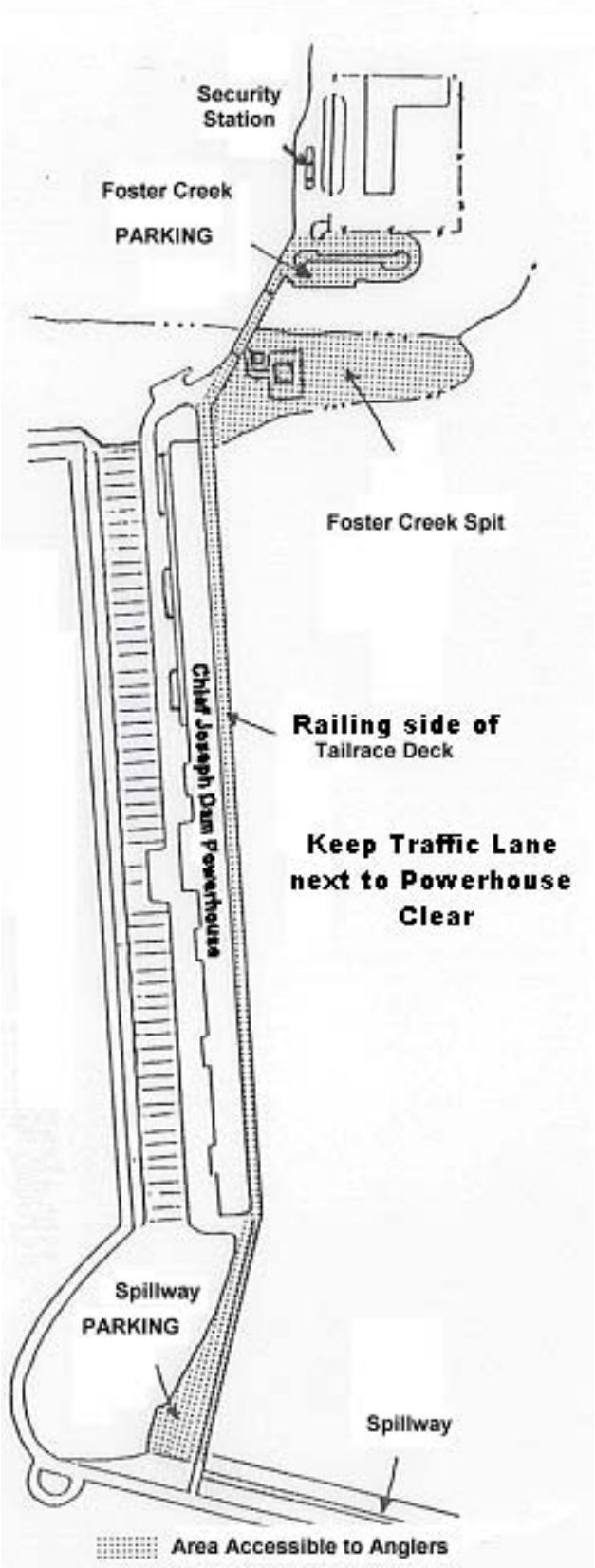
Alcohol: *Possession or consumption of alcoholic beverages is not allowed.*

Firearms: *Possession of firearms is not permitted.* Authorized law enforcement officials are exempted.

Pets: No pets are allowed in the fishing area. Service animals are permitted if they are "in-service".

Litter: Garbage, trash, litter, or any other waste material shall be either removed from the project or deposited in receptacles provided for that purpose. Cleaning of fish is prohibited on the tailrace and Foster Creek Spit.

Figure 16: Left Bank and Dam Fishing Access Areas, Summer 2004.



Parking: Parking of angler vehicles is only permitted in the large general parking lot (Northwest of Foster Creek Bridge) and the lot adjacent to the entrance of the Spillway. All vehicles, including motor homes and camp trailers, will be subject to search by security.

Traffic: Only anglers who are actively engaged in fishing will be permitted on the tailrace deck. The traffic lane must remain clear of obstacles. Coolers, chairs, and other fishing equipment must be kept next to the railing. Spectators and other family members are restricted to the Foster Creek picnic shelter area and are not permitted on the tailrace.

Safety: Any act which impairs the safety of another person is prohibited. The tailrace deck is an active operations area. Anglers should refrain from casting when traffic or other people are passing. Take care with hooks to avoid snagging people or vehicle tires.

Penalty: Failure to comply with any of the rules and regulations listed on the front of this page is a violation of the Code of Federal Regulations and the Colville Tribal Code, punishable by a fine up to $5,000.00, and/or imprisonment for up to six months. Violators may be required to leave the premises. Repeat offenders may lose their fishing privileges at Chief Joseph Dam

Complete copies of the regulations governing public use of U.S. Army Corps of Engineers facilities are available at the project headquarters.

U.S. Army Corps of Engineers
Chief Joseph Dam and Rufus Woods Lake
Recreation and Natural Resource Section
Office: (509) 686-2225
Security Station: (509) 686-5028

Colville Tribe Natural Resource Enforcement
Office: (509) 634-3145
Fax: (509) 634-3150
After Hours: 1-800-551-5800

Figure 17: Left Bank and Dam Fishing Access Areas, Winter 2003-2004.

US Army Corps of Engineers ®
Seattle District

Chief Joseph Dam
Access and Safety Restrictions
2003-2004
Winter Fishing Season

Access beyond the south shore security station for the purpose of fishing is subject to the following:

Fishing Regulations: All existing fishing regulations apply, including those of the Washington Department of Fish and Wildlife and the Confederated Tribes of the Colville Reservation. Colville tribal members are allowed to fish/snag from the whole fishing area, while others are limited to the area beginning 400 feet downstream from the Powerhouse.

Season Dates: November 1, 2003 –June 30, 2004.

Designated Fishing Area: Begins at the mouth of Foster Creek and includes the spit of land that separates the creek from the river. Entry to the service deck, tailrace deck, powerhouse, or warehouse compound is prohibited.

Hours/Days: Sunrise to one-half hour after sunset, daily. Official sunrise and sunset times will be posted at the Security Station. Request that CCT members do not enter between 6:30 a.m. and 7:00 a.m. Monday through Thursday when USACE employees are reporting to work through the security station.

Required Security Check In: Vehicles and hand-carried items are subject to security search prior to entry beyond the security station. Anglers in possession of prohibited items will be denied entry. All adult anglers must show official picture identification (i.e. tribal member card, drivers license, etc.) at the security station. Anglers with a tribal Blue Card I.D. must display the card at all times on their outer clothing. Other anglers will be issued an "angler visitor pass" which must be displayed similarly. The visitor pass must be returned to the security station when leaving the secure area. **Minor children will be allowed on site if they are fishing under the immediate care of a designated adult.** Blue Card I.D. from the Colville Tribal Enrollment Office is required to fish within the first 400 feet from the dam.

Parking: Parking of angler vehicles is only permitted in the large general parking lot located northwest of Foster Creek Bridge. All vehicles, including motor homes and camp trailers, will be subject to search by security.

Emergency Closure: In the event of an emergency, the fishing area will be evacuated and will remain closed until reopened by the Project Manager or his authorized representative.

Alcohol: ***Possession or consumption of alcoholic beverages is not allowed.***

Firearms: ***Possession of firearms is not permitted.*** Authorized law enforcement officials are exempted.

Pets: No pets are allowed in the fishing area. Service animals are permitted if they are "in-service".

Litter: Garbage, trash, litter, or any other waste material shall be either removed from the project or deposited in receptacles provided for that purpose. **Cleaning of fish on the Project is prohibited.**

Penalty: Failure to comply with any of the rules and regulations listed on the front of this page is a violation of the Code of Federal Regulations and the Colville Tribal Code, punishable by a fine up to $5,000.00, and/or imprisonment for up to six months. Violators may be required to leave the premises. Repeat offenders may lose

their fishing privileges at Chief Joseph Dam. Complete copies of the regulations governing public use of U.S. Army Corps of Engineers facilities are available at the project headquarters

Colville Tribe Natural Resource Enforcement
Office: (509) 634-3145
Fax: (509) 634-3150
After Hours: 1-800-551-5800

U.S. Army Corps of Engineers
Recreation and Natural Resource Section
Office: (509) 686-2225
Security Station: (509) 686-5501 x1670

Figure 18: Aerial photos that illustrate the extensive disturbance that has occurred in the vicinity of the Chief Joseph Dam.