

0029

Notification
To be covered under the General NPDES Permit AK-G70-0000 for
Log Transfer Facilities in Alaska
 (see Part V of the permit)

Submission of this document constitutes a request that certain discharges into waters of the United States resulting from the operation of the log transfer facility identified herein be authorized under General NPDES Permit AK-G70-0000.

Previously Assigned NPDES Permit No. (if applicable):

NPDES Permit No. AK-G70-0 _____
 (to be assigned by EPA)

Landowner Information

Landowner Name: USDA Forest Service Alaska Region Tongass National Forest

Address: 648 Mission Street, Federal Building
 Ketchikan, AK 99901

Phone: (907) 228-6200

FAX: (907) 228-6292

Representative: THOMAS PUCHLERZ

Operator Information

Company Name: N/A

Address: N/A

Phone: N/A

FAX: N/A

Representative: N/A

Facility Information

Section 404 Permit No., Facility Name on Permit, and Issuance Date: 071-OYD-2-800386, Salt Lake Bay, 08/04/1982

Waterway Name: Port Frederick 41

Facility Name: Salt Lake Bay

Address: Sections 14, T.45S., R.60E., C.R.M.

Phone: N/A

FAX: N/A

Latitude/Longitude: 57°58'11" N/ 135°38'50" W

Distance/Direction to nearest town/city: 13 miles SW of Hoonah, AK

Attachments: Nautical Chart Vicinity Map Plan Drawing Elevation/Cross Section View

Description of operations: Facility is designed to have log bundles placed into the water by equipment (Double A-Frame or Crane) lifting log bundles off log trucks, and then lowering bundles into the water. Once bundles are floating, they would be moved to operator's log rafting pens by small boat. Timber operator would have to maintain a log rafting area near the Log Transfer Facility (LTF). Onshore log storage is limited adjacent to the LTF due to the small work area. Log bundles will have to be stored at a remote uplands location, and transported to the LTF just prior to being transferred to water or barge.

Direct loading of barges from this LTF is considered fair, due to the remote storage of log bundles. Barge loading at this facility can be either to barges loaded by specialized lifting equipment positioned near the bulkhead face (crane or yarder) and/or to barges equipped with self-loading equipment, or to barges equipped with ramp gates off of the equipment ramp. In both cases, bundles are brought to the bulkhead by truck, front-end loader, or stacker, and then lifted onto the barge by the lifting equipment. There is a slight potential for barges grounding out on lower tides when the barge draft increases due to the weight of the loaded log bundles.

Demonstration that operations constitute important or social or economic development in the area and that a zone of deposit is necessary to accommodate operation of the LTF: The purpose and need for the operation of the LTF is to implement the direction in the Tongass Land and Resource Management Plan, to seek to meet market demand as prescribed in the Tongass Timber Reform Act (1990), to contribute to providing a sustained volume of wood to meet local and national demand, and to provide local and regional employment opportunities.

The movement of logs from uplands to the water creates bark deposition at all log transfer facilities. The extent of the deposit is determined by the amount of timber volume crossing the facility, the frequency of projects utilizing the site, the tidal characteristics immediately adjacent to the LTF, and the methods utilized in transferring logs.

Describe known existing uses of the receiving water where the LTF is located, and demonstrate that those uses will be fully protected by the proposed operation of the LTF:

Commercial and sport fishing occur in this area immediately adjacent to the LTF. The fishing consists of a few local trollers fishing for Silver and King Salmon. There is also sport and commercial fishing for King and Dungeness Crab in the area. Deer hunting and occasional pleasure boats also use the area.

None of the waterway uses identified above should be hindered by the continued operation and use of the LTF. All reasonable practices will be implemented to avoid the discharge of bark, wood debris, and other pollutants to the receiving waters, and to contain the discharge to the smallest area that is practicable and is consistent with the safe and orderly operation of the LTF.

Facility Classification

Category:
 Shore-based
 Off-shore

Method of Log Transfer: Double A-Frame or Crane
 Liff-off/lowering off of Native Log Bulkhead plus Drive
 down 18% Shot-Rock onload/offload Equipment ramp

Use Description (Type I, II, III, IV or V): IV

Production Data

Expected facility lifespan: Equipment ramp, 30 to 40
 years with periodic maintenance and log bulkhead 5-10
 years

Projected Months of Operation: April through October

Volume to be transferred (board feet, Scribner scale)

Maximum over life of permit: < 5 mmbf

Average per year: 1 mmbf

Maximum per year: 1 mmbf

Approximate volume of timber
 (mmbf) previously transferred over
 the facility, if known: 40 mmbf

Receiving Water Information

ATTACHMENTS (for Type I-IV shore-based LTFs)

Bark monitoring surveys not previously submitted to EPA

Signature and Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations

Signature of Principal Corporate or Executive Officer/General Proprietor



Printed Name

Jacqueline Myers

Title/Company

Acting Regional Forester/ USDA Forest Service Alaska Region

Date

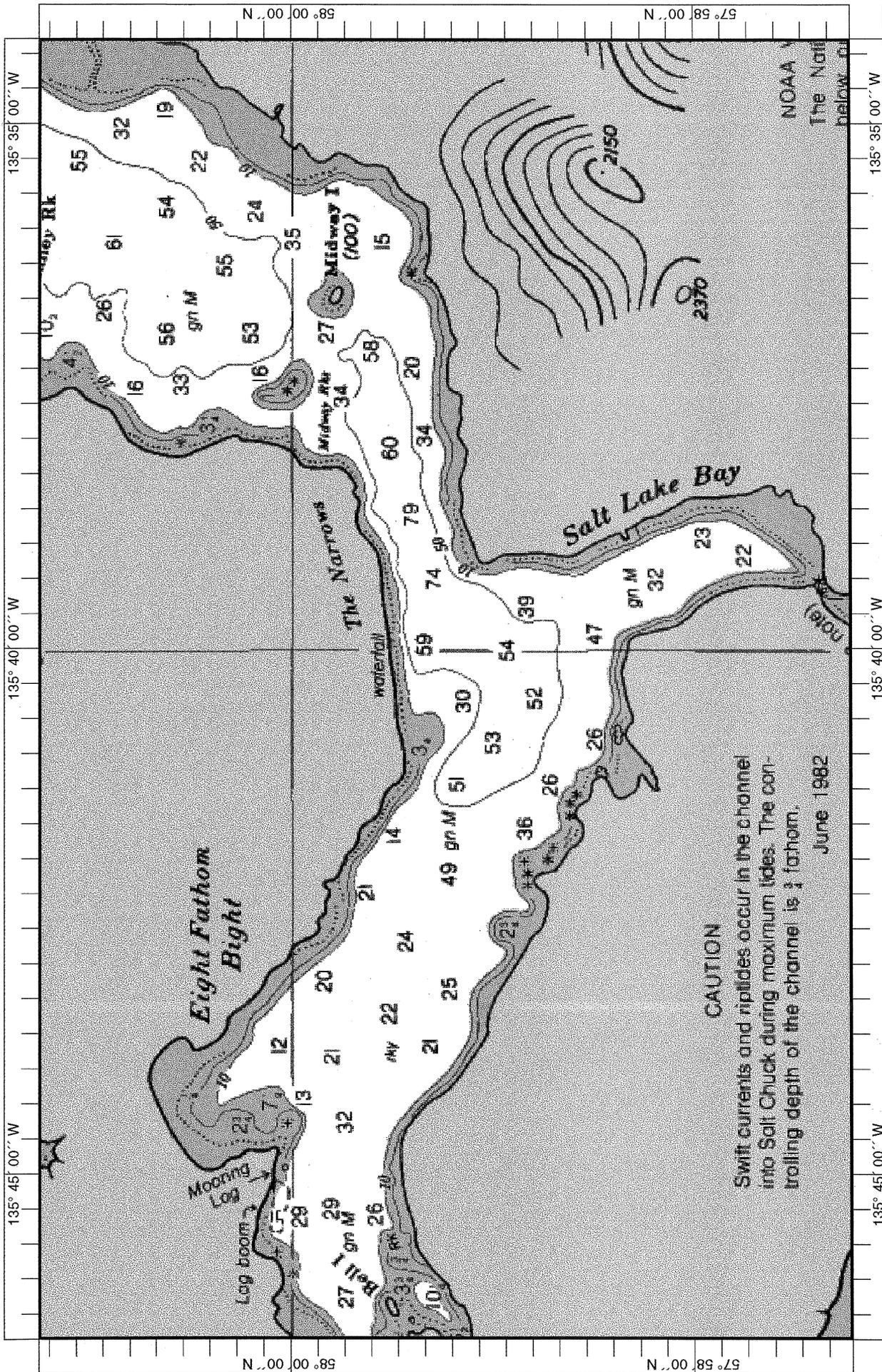
2/21/2001

Submit this Notice of Intent to:

U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue, OW-130
Seattle, Washington 98101
Attn: LTF Reporting

Alaska Dept. of Environmental Conservation
Division of Air and Water Quality
410 Willoughby Avenue, Suite 105
Juneau, AK 99801
Attention: LTF Reporting

Qualified applicants will be authorized to discharge under this general NPDES permit upon receipt of written authorization from EPA.



CAUTION

Swift currents and riptides occur in the channel into Salt Chuck during maximum tides. The controlling depth of the channel is 3 fathoms.

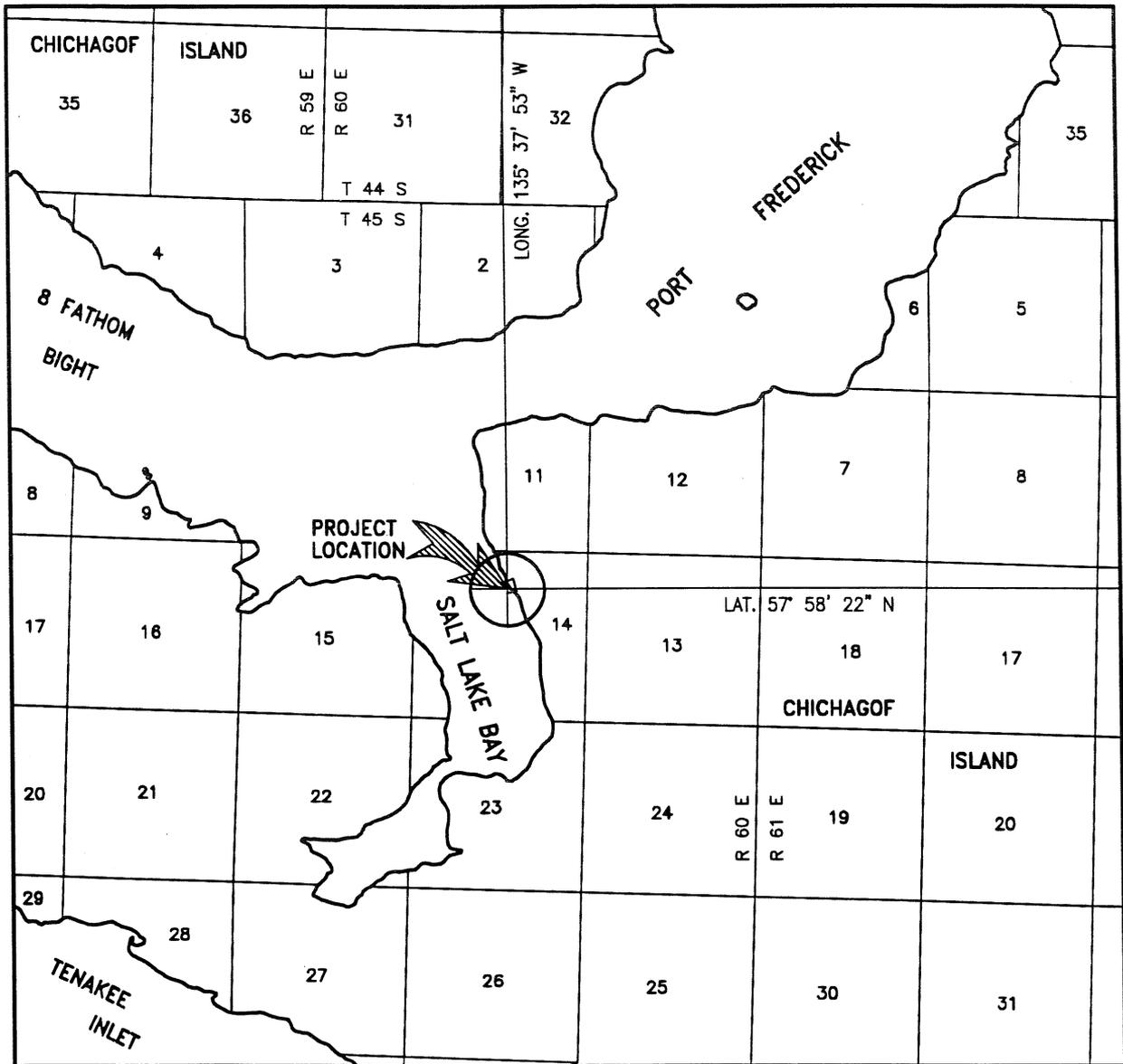
June 1982

Chart Name: ICY STRAIT AND CROSS SOUND

Chart ID: 17302_1

Top Left: 58° 01' 15" N 135° 46' 34" W

Bottom Right: 57° 57' 13" N 135° 34' 12" W



VICINITY MAP: From USGS QUADS, Sitka D-5, D-6

SCALE, IN MILES



PART OF TOWNSHIPS T 44 S AND T 45 S,
RANGES R 60 E AND R 61 E, C.R.M.

DATE: 05-17-2000



LEGEND

-  STATE & PRIVATE LAND HOLDINGS
-  LANDS MANAGED BY US FOREST SERVICE
- LTF EXISTING LOG TRANSFER FACILITY
-  FOREST SERVICE ROAD NUMBER

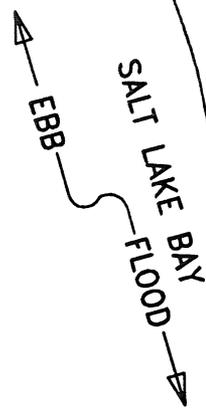
DATE: 05-17-2000	APPLICANT: M. Parker USDA Forest Service
SALT LAKE BAY LOG TRANSFER FACILITY	
ENVIRONMENTAL PROTECTION AGENCY NPDES GENERAL PERMIT	
SEC. 14, WITHIN T.45 S., R. 60 E., CRM	
	SHEET 1 OF 4

DRAWN BY: K. ELMORE
DATE: 5/10/2000

EXCAVATE EXISTING EMBANKMENT MATERIAL TO CONSTRUCT EQUIPMENT RAMP; SALVAGE EXCAVATED EMBANKMENT MATERIAL AND USE AS BORROW EXCAVATION FOR OTHER UPLANDS WORK

18% SHOT-ROCK SURFACE EQUIPMENT RAMP WITH PARTIAL HEIGHT CLASS 6 RIPRAP BUTTRESS WALL SLOPED AT 0.75 V TO 1.00 H FROM ELEV. +0.0 FT. TO ELEV. +9.8 FT.

TOE OF CLASS 6 RIPRAP

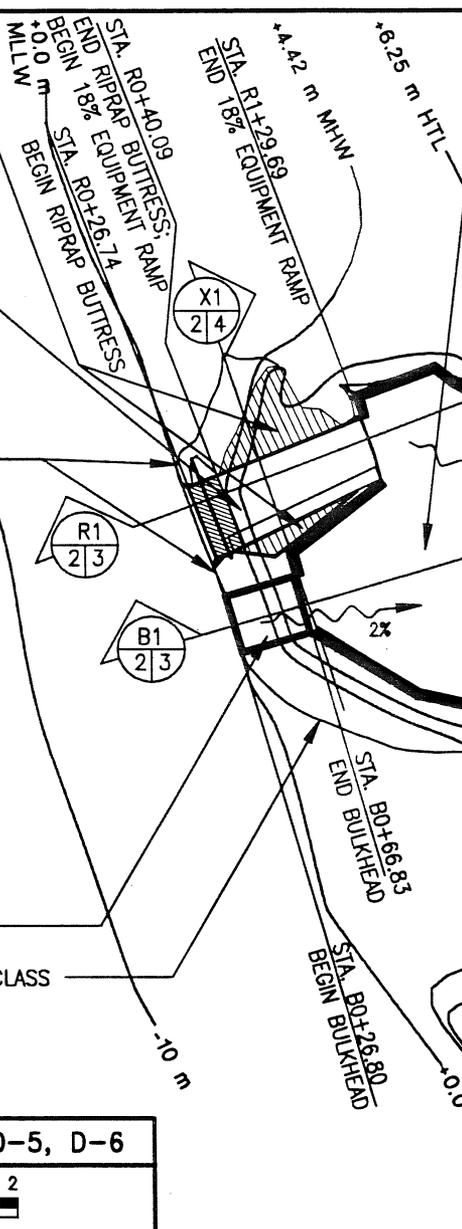


33 FT. BY 40 FT., 28.0 FT. HIGH NATIVE LOG BULKHEAD

TOE OF CLASS 6 RIPRAP

SLOPE WORKING PAD AT 2.0% SLOPE FROM CREST OF RAMP AND BULKHEAD TO BACKWALL DITCH/SETTLING POND SYSTEM, TYP.

BACKWALL DITCH/SETTLING POND SYSTEM, WITH 6.6 FT. WIDE FLAT BOTTOM AT ELEV. +20.0 FT., AND OUTLET BROAD-CREST WEIR WITH CREST AT ELEV. +21.5 FT.

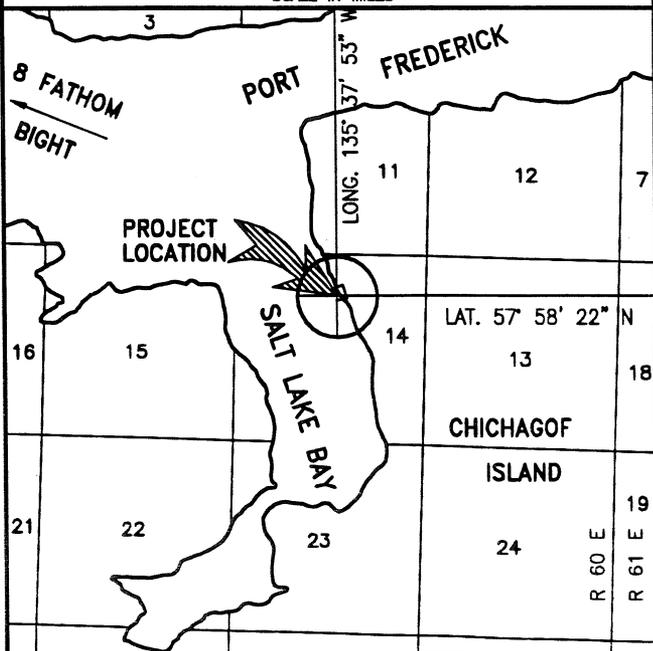


CONSTRUCT PERIMETER BERMS ON SEAWARD FACING EDGES OF LTF WORKING PAD, TYP. SEE DETAILS ON SHEET 4

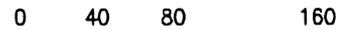
VICINITY MAP: USGS QUAD; Sitka D-5, D-6



SCALE IN MILES



SITE PLAN



SCALE IN FEET

CONTOURS IN METERS

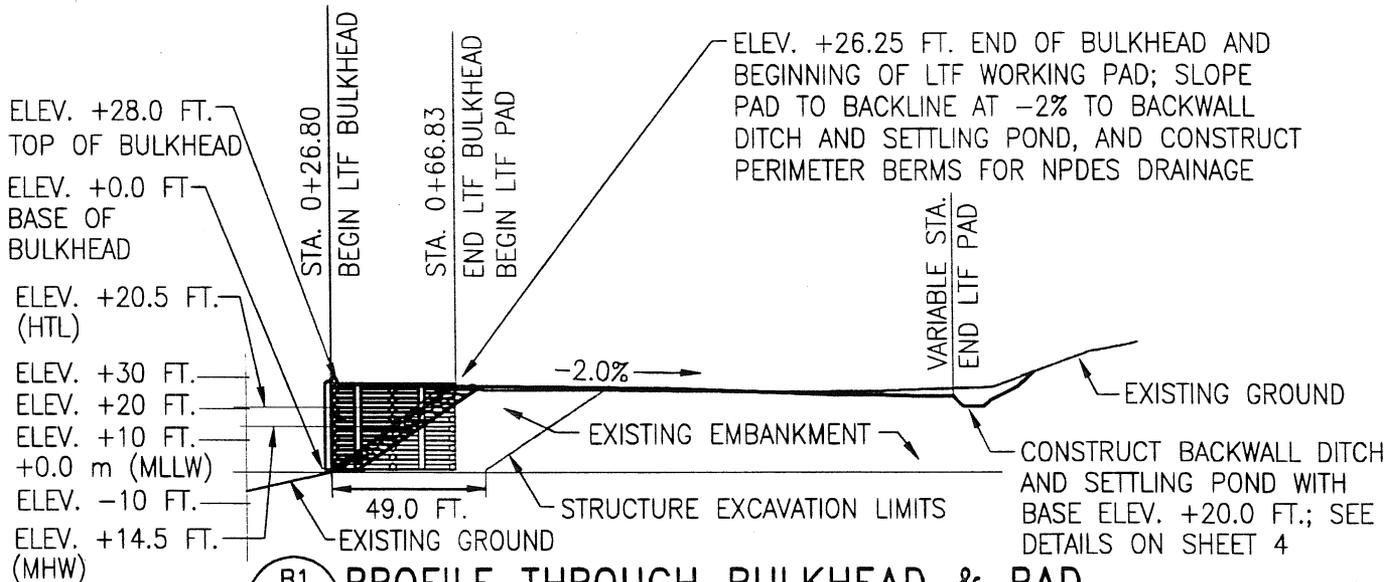


(MAGNETIC)

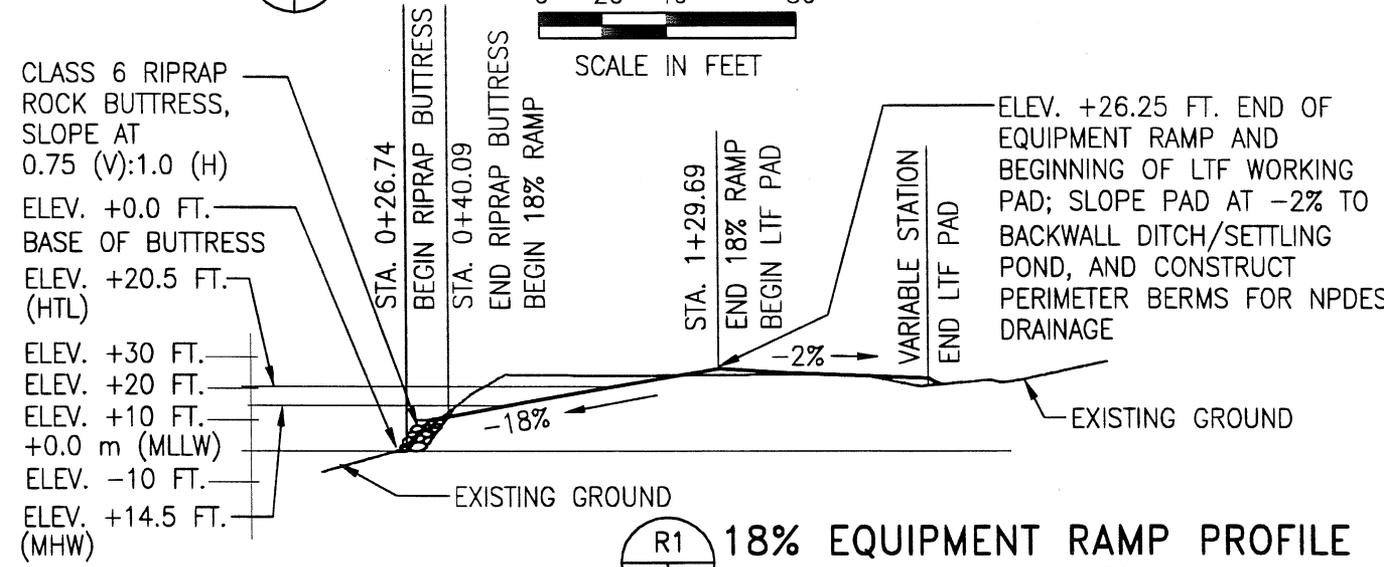
TIDAL DATUM: (FROM SALT LAKE BAY USC & GS BENCH)
ESTIMATED HIGHEST WATER (HTL): 20.5 FT. (6.25 m)
MEAN HIGH WATER (MHW): 14.5 FT. (4.42 m)
MEAN LOWER LOW WATER (MLLW): 0.0 FT. (0.0 m)

DRAWN BY: KHE DATE: 8/18/2000

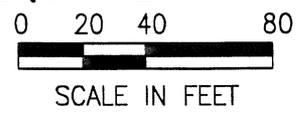
DATE: 06-26-2000	APPLICANT: M. Parker USDA Forest Service
SALT LAKE BAY LOG TRANSFER FACILITY	
ENVIRONMENTAL PROTECTION AGENCY GENERAL NPDES PERMIT	
SEC. 14, WITHIN T.45 S., R. 60 E., CRM	
SHEET 2 OF 4	



B1 PROFILE THROUGH BULKHEAD & PAD



R1 18% EQUIPMENT RAMP PROFILE



INTERTIDAL/SUBTIDAL IMPACTS:

BELOW MHW:

1. CONSTRUCT 65' X 99' OVERALL DIMENSION 18% SLOPE SHOT-ROCK FILL RAMP WITH 30' BY 86' DRIVING SURFACE AND 33' BY 40' BY 28' NATIVE LOG BULKHEAD.
2. EXCAVATE 2,100 C.Y. MATERIAL FROM ORIGINAL STRUCTURE EMBANKMENT. UTILIZE MATERIAL FOR UPLANDS CONSTRUCTION IN ACCORDANCE WITH BEST MANGEMENT PRACTICES.
3. PLACE 96 C.Y. CLEAN CLASS 6 RIPRAP FOR BUTTRESS AT SEAWARD END OF 18% RAMP. PLACE 500 C.Y. CLEAN SHOT ROCK FILL INSIDE 33 FT. x 40 FT. NATIVE LOG BULKHEAD.
4. PLACE 1,060 C.Y. CLASS 6 RIPRAP SLOPE PROTECTION.
5. AREA OF IMPACT IS WITHIN FOOTPRINT OF ORIGINAL STRUCTURE.

BETWEEN MHW AND HTL:

1. EXCAVATE 400 C.Y. MATERIAL FROM ORIGINAL STRUCTURE EMBANKMENT TO CONSTRUCT 18% SLOPE EQUIPMENT RAMP.
2. PLACE 120 C.Y. CLEAN SHOT ROCK FILL MATERIAL WITHIN 33 FT. BY 40' NATIVE LOG BULKHEAD.
3. PLACE 260 C.Y. CLASS 6 RIPRAP SLOPE PROTECTION.
4. AREA OF IMPACT IS WITHIN FOOTPRINT OF ORIGINAL STRUCTURE.

DRAWN BY: KHE DATE: 6/17/2000

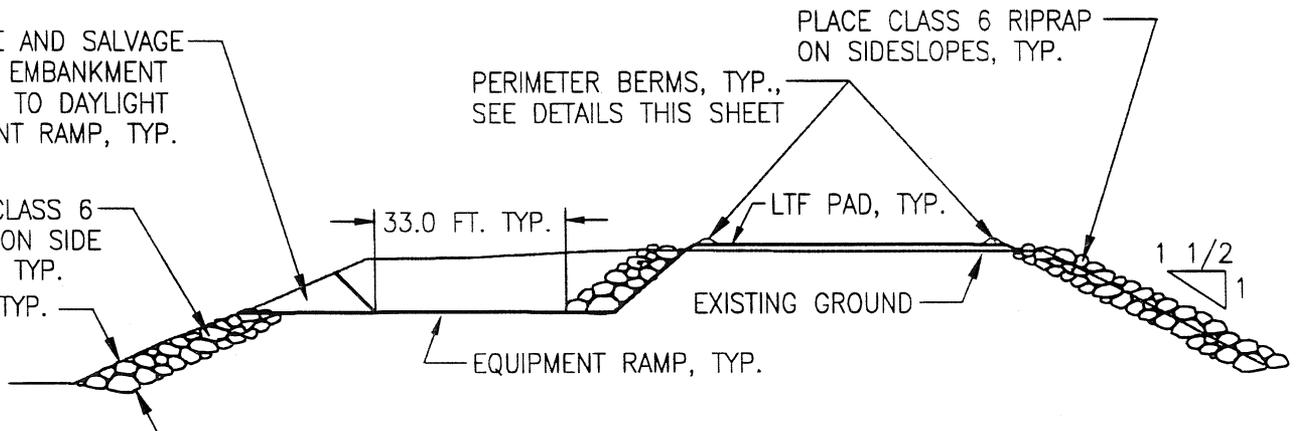
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SALT LAKE BAY LOG TRANSFER FACILITY	
ENVIRONMENTAL PROTECTION AGENCY GENERAL NPDES PERMIT	
SEC. 14, WITHIN T.45 S., R. 60 E., CRM	
SHEET 3 OF 4	

EXCAVATE AND SALVAGE
EXISTING EMBANKMENT
MATERIAL TO DAYLIGHT
EQUIPMENT RAMP, TYP.

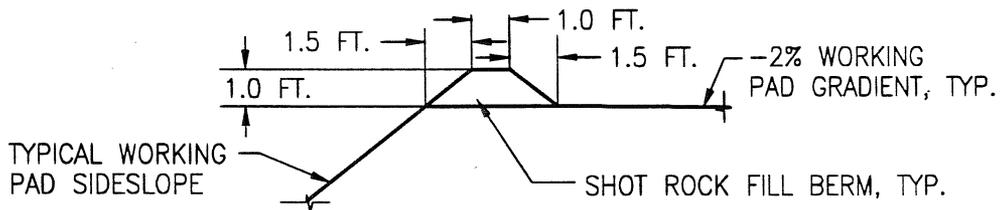
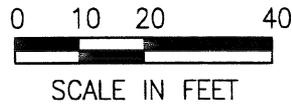
PLACE CLASS 6
RIPRAP ON SIDE
SLOPES, TYP.
1.5 m, TYP.

PERIMETER BERMS, TYP.,
SEE DETAILS THIS SHEET

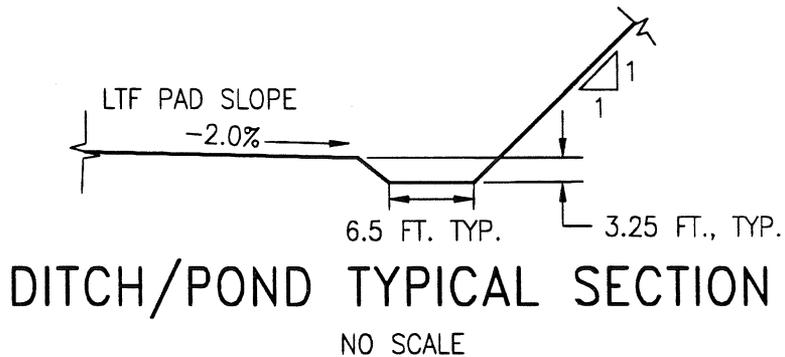
PLACE CLASS 6 RIPRAP
ON SIDESLOPES, TYP.



TYPICAL RAMP SECTION



TYPICAL PERIMETER BERM



DITCH/POND TYPICAL SECTION

NO SCALE

DRAWN BY: KHE DATE: 6/17/2000

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SHEET 4 OF 4	