

**MICA SUPERVISORY
AREA**

3706 Industrial Ave South
Coeur d'Alene ID 83815
Phone (208) 769-1577
Fax (208) 769-1597



WINSTON A WIGGINS, DIRECTOR
EQUAL OPPORTUNITY EMPLOYER

STATE BOARD OF LAND COMMISSIONERS

Dirk Kempthorne, Governor
Ben Ysursa, Secretary of State
Lawrence G. Wasden, Attorney General
Keith L. Johnson, State Controller
Marilyn Howard, Sup't of Public Instruction

ENCROACHMENT PERMIT NUMBER L-95-S-4916D

Permission is hereby granted to Howard Rude of 6479 Rude Street-Coeur d'Alene, Idaho 83815 to install and maintain existing 6'x40' pier, 6'x20' elevated pier to allow navigation and wildlife passage, 4'x39' walkway over sand island elevated 12" above ground surface (this structure may require written approval from Kootenai County), new 4'x10' approach and 23'x20' single-slip pier; existing riprap material and live fascines along present shoreline for stabilization of shoreline per attached approve plans; mooring buoy for low water access (buoy can be placed after spill ways at the Post Falls Dam are opened and removed before the Post Falls Dam spill ways are closed); existing water intake line 2" extending 35' waterward attached to an upland pump for irrigation and fire protection. Located on: Spokane River, adjacent to: Parcel Number 0-8246-001-001-0, Lot Number 1, Block Number 1, Timber River 2nd Addition; Section 8, Township 50 North, Range 4 West; Boise Meridian; Kootenai County.

1. All applicable provisions of the Rules for Regulation of Beds, Waters, and Airspace over Navigable Lakes and Streams in the State of Idaho are incorporated herein by reference and made a part hereof.
2. Construction will follow details and specifications shown on the approved drawings and data provided by the applicant. Should such information and data prove to be materially false, incomplete and/or inaccurate, this authorization may be modified, suspended, or revoked in accordance with the Administrative Procedures Act, Idaho Code title 67, chapter 52.
3. This permit does not convey the State's title to nor jurisdiction or management of lands lying below the natural or ordinary high water mark.
4. Acceptance of this permit constitutes permission by the Permittee for representatives of the Department of Lands to come upon Permittee's lands at all reasonable times to inspect the encroachment authorized by this permit.
5. The Permittee shall indemnify and hold harmless and free from liability the Permitter for any injuries to persons or damage to property occurring as a result of the use authorized under this permit.
6. *Idaho Code* §58-1306(e) requires recordation of this permit in the records of respective county recorder's office as a condition of this permit.

ENCROACHMENT PERMIT NUMBER L-95-S-4916D

June 7, 2005

Page two

7. This permit is not valid until the identification number is displayed on the outermost area of the encroachment.
8. This permit does not relieve the Permittee from obtaining additional local or federal permits as required.
9. If the activity authorized herein is not completed on or before the 7th day of May, 2008 (three years from the date of issuance), this permit shall automatically expire unless it was previously revoked or otherwise extended.
10. White bead foam flotation shall be completely encased in a manner that will maintain the structural integrity of the foam. The encasement shall be resistant to the entry of rodents.
11. Permanent slip covers will not be permitted. For single-family encroachments a fabric canopy of a color which will blend with the surrounding uplands is acceptable. These colors shall be shades of browns or greens. However, bright carnival blue color is reserved for use by commercial marinas.
12. Mooring buoy shall be installed a minimum of thirty (30') feet away from property/riparian right lines of adjacent riparian owners and shall be located within dock line. One (1) mooring buoy per riparian owner shall be allowed.
13. Mooring buoy shall be Coast Guard approved. Bonner County Waterways requires white background with a blue stripe. For questions, contact Bill Cable at (208)265-1438.
14. Removal and proper disposal of any preexisting or abandoned facilities is a condition of this permit.
15. This encroachment permit supersedes and voids any encroachment permit previously issued for this property.
16. No trees or vegetation shall be removed without written approval of the Idaho Department of Lands for upland placement of riprap.
17. Construction materials shall be natural or pressure treated utilizing only those preservative chemicals registered for the specific uses, by the U.S. Environmental Protection Agency (EPA). All treated wood materials shall be produced in compliance with "Best Management Practices (BMPs) For the Use of Treated Wood in Aquatic Environments" issued by the Western Wood Preservers Institute (WWPI), July 1996. Treated materials not in contact with the water shall be completely dry before use near navigable waters. **Contact Idaho Department of Environmental Quality at (208)769-1422** for information on acceptable treatment methods and materials.
18. All construction material including maintenance material must be stockpiled landward of the ordinary high water mark.
19. This permit authorizes you to place a maximum of 175 cubic yards of riprap for shoreline stabilization.
20. No riprap shall be placed in excess of the minimum needed for erosion control.

ENCROACHMENT PERMIT NUMBER L-95-S-4916D

June 7, 2005

Page three

21. Riprap shall be placed along the present shoreline.
22. The Permittee shall provide a continuous and distinct filter zone which consists of a coarse sand to fine gravel sized (2 to 19 millimeters diameter) granular material at least two inches in thickness or a highly permeable non-woven geotextile filter fabric. Either method shall be placed adjacent to the native embankment slope and below the riprap material. If a geotextile fabric is used all seams shall be overlapped at least 24 inches.
23. Location of this material must be placed as specified in the site plan.
24. Operation of excavation equipment will be held to a minimum below the ordinary high water mark. Equipment may be operated only on dry land above the present level of the river. Construction machinery may not be operated in the water.
25. Material shall be placed on a slope not steeper than 1½ to 1 (1½ horizontal to 1 vertical).
26. Sideslopes of the riprap layer shall be between 2 to 1 and 1½ to 1.
27. Rock for riprap shall consist of sound, dense, durable, angular rock fragments, resistant to weathering and free from large quantities of soil, shale, or organic matter. The length of a stone must not be more than three times its width or thickness. Rounded cobbles, boulders, and streambed gravels are not acceptable as placed riprap material.
28. Riprapped or disturbed area shall be revegetated with riparian vegetation incorporated into the riprap to create cover for fish and wildlife.
29. The Permittee shall maintain the structure or work authorized herein in a good and safe condition and in accordance with the plans and drawings attached hereto.
30. All construction will be done according to the specifications detailed in the attached design plan.
31. The disturbed portion of the lakebed shall be shaped to its original contour upon completion of the project.
32. Excavated material shall be sidecast to only one side of the trench.
33. Excavated material not replaced shall be removed to an area above the ordinary high water mark and in a position such that it will not reenter the lake.
34. The pipeline intake should be screened in a manner that would create approach velocities of not more than **0.5 feet per second** and a maximum screen mesh diameter of one-quarter inch.
35. Waterline shall be anchored to the bed of the lake with a nontoxic type of weight.
36. All Water Resource laws must be in compliance.
37. No water shall be diverted by the system until valid water or appropriation permit is obtained from the Department of Water Resources.

ENCROACHMENT PERMIT NUMBER L-95-S-4916D

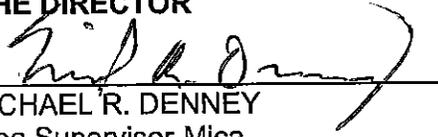
June 7, 2005

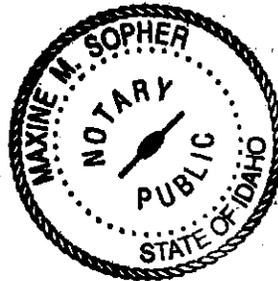
Page four

38. As current EPA requirements dictate that disinfecting and filtration systems be used for minimum treatment by surface water purveyors, the department recommends that small, domestic surface water users do likewise.
39. All construction shall be completed in accordance with descriptions and methods provided unless otherwise specified. Any changes shall be approved in writing by the department prior to construction.
40. A silt curtain, fence, or straw bales shall be installed waterward of the project site. It will remain in place and functional until the turbidity level inside the curtain or fence equals the turbidity outside the curtain or fence.
41. All wood chips and other construction waste shall be removed from the lake upon completion of project.
42. The Permittee or operator shall have a copy of this permit available for inspection at all times during construction.

UPON TRANSFER OF THIS REAL PROPERTY, YOU ARE REQUIRED TO NOTIFY THIS OFFICE OF THE SUBSEQUENT NAME CHANGE (SEE ENCLOSURE).

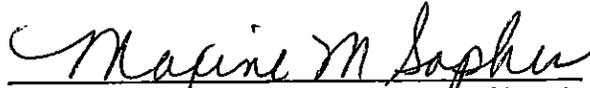
FOR THE DIRECTOR

By: 
MICHAEL R. DENNEY
Area Supervisor-Mica



STATE OF IDAHO)
) ss
COUNTY OF KOOTENAI)

On June 7, 2005, personally appeared before me Michael R. Denney, whose identity is personally known to me and who by me duly affirmed that he is the Area Supervisor-Mica of the Idaho Department of Lands, and acknowledged that the foregoing document was signed by him in behalf of said state agency by authority of a Resolution of the State Land Board.


Notary Public for Idaho Department of Lands
My commission expires on 5/8/2007

PERMIT APPLICATION FOR PERMITS
 U.S. ARMY CORPS OF ENGINEERS
 IDAHO DEPARTMENT OF WATER RESOURCES
 IDAHO DEPARTMENT OF LANDS

**DO NOT START WORK UNTIL YOU
 RECEIVE PERMITS FROM BOTH THE
 CORPS AND THE STATE.**

This application may be used to apply for both a Department of the Army permit from the U.S. Army Corps of Engineers (Corps) and for State of Idaho permits. Department of the Army permits are required by Section 10 of the Rivers and Harbors Act of 1899 for any structures or work in or affecting navigable waters of the United States and by Section 404 of the Clean Water Act for discharges of dredged or fill material into waters of the United States, including their adjacent wetlands. State permits are required under the State of Idaho, Stream Channel Protection Act (Title 42, Chapter 38, Idaho Code) and the Idaho Lake Protection Act, Section 58-142 et. seq., Idaho Code. **Routine Uses: Information provided on this form will be used in evaluating the application. Disclosure of requested information is voluntary. If information is not provided, however, the permit application cannot be processed nor can permits be issued.** Applicants should send this completed application, along with one set of good reproducible drawings showing the location and character of the proposed project, to both the Corps of Engineers and the State of Idaho. NOTE: DRAWINGS NO LARGER THAN 8-1/2 X 11 INCHES IN SIZE. The Applicant Information pamphlet provides instructions and a checklist for completing the drawings.

1. Corps of Engineers # _____ Date Received _____	2a. Department of Water Resources # _____ Date Received _____ Fee Rec'd By: _____ Receipt # _____	2b. Department of Lands # <u>L-95-S-4916A</u> Date Received _____ Fee Rec'd By: _____ Receipt # _____
--	---	---

PLEASE TYPE OR PRINT

3. Applicant <u>Howard Ruda</u>	4. Authorized Agent _____
Mailing Address <u>6479 Ruda ST</u> <u>Coeur d'Alene ID 83815</u>	Mailing Address _____
Work Phone (Area <u>208</u>) <u>818-2101</u> Home (Area <u>208</u>) <u>772-2164</u>	Work Phone () _____ Home () _____
Fax Number <u>772-3135</u>	Fax Number _____
Email Address _____	Email Address _____

5. Location where proposed activity exists or will occur.

Waterway <u>Spokane River above Dam</u> <u>3 miles COA - 2 miles Post Falls</u>	Tax Assessor's Description <u>Parcel 08246-001-001-6</u> <u>Lot 1 BLK-1 Timber River ^{second} addition</u>
Distance/Direction from nearest city or town County/State <u>83854 Kootenai County</u>	<u>S08T S0N R 04W</u>
Zip Code Local jurisdiction (city or county)	1/4 1/4 Section Township Range
Directions to the site <u>6426 Maplewood - Weston Seltice, left Hutter RD, Rt - Maplewood Ave</u>	UTM Coordinate Grid Zone Northing Easting

6. Describe Project (Work below the ordinary high water mark or in wetlands).

Construction of walkway over wetlands and shallow water to island and deep water Post Island
Construction of Boat Slip on ~~north side~~ South Side of Island

Construction methods and equipment: Concrete and steel pilings to support walkway and Boat Slip, Galvanized steel truss supports with plastic decking materials

Length of project along the stream or extension into lake or reservoir: 30' Extension into River

COMPLETE THE FOLLOWING FOR DISCHARGES OF DREDGED OR FILL MATERIAL

Volume dredged or fill material to be placed waterward of ordinary high water mark (BOTH TEMPORARY AND PERMANENT)? _____
 (cubic yards)

Will fill be placed in wetlands? _____ If yes, area: _____ (acres) Type of fill material: _____
 (i.e. sand, rock, clay, concrete, etc.)

Will dredging be required waterward of the ordinary high water mark or in wetlands? _____ If yes, volume _____
 (cubic yards)

Type of dredged material _____

Disposal site for dredged material: _____ Method of dredging: _____

Method to control turbidity and sedimentation: _____

Is project located in a mapped floodway? _____ If yes, complete the Engineering "No-Rise" certification form.

7. Purpose and intended use: Commercial Public Private X Other Describe

Reason for project to Gain access to Navigatable Deepwater

8. Proposed Starting Date August 25 2004 Estimated Duration August 2008

9. List portions of the project that are complete with month and year of completion
Label this work on your drawings.

10. Names, addresses, and telephone numbers of adjoining property owners, lessees, etc., whose property also adjoins the waterway.

<u>Dennis Swentout</u>	<u>Reverside Development</u>	<u>509-448-5074</u>
	<u>PO Box 3009 Spillman WA</u>	
	<u>West Side Property owner</u>	
<u>Kurt Hill</u>	<u>126 E Nine Mile Falls</u>	<u>509-994-2841</u>
	<u>Shore Line Owner</u>	
	<u>Nine Mile Falls Wash 99025</u>	<u>(East Side Property owner)</u>

Check here if the alteration is located on endowment lands administered by the Idaho Department of Lands

11. LEGAL OWNER IF OTHER THAN APPLICANT

Name _____ Phone Work () _____

Mailing Address _____ Home () _____

City, State, Zip Code _____

12. List applications, approvals, or certifications from other Federal, state, or local agencies for work described in this application.

Issuing Agency	Type of Approval	Identification No.	Date of Application	Date of Approval

13. Has any agency denied approval for the proposed activity? Yes _____ No _____ (If "Yes" explain)

14. Other comments/information:

Request modification of Previous Permit NWL-95-S-4916-B
L-shaped Dock - to Boat Slip Configuration as per
attached sketches and letter of explanation

15. Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agencies to which this application is made, the right to come upon the above-described location to inspect the proposed or completed work.

Howard Rude Howard Rude 3/15/05

Signature of Applicant (ORIGINAL SIGNATURE REQUIRED) Printed Name Date

16. If you wish to designate an authorized agent, complete item 4 and the following information.

I hereby designate _____ to act as my agent in matters related to this permit application. I understand that if a Federal permit is issued, I must sign the permit.

Original Signature of Authorized Agent _____ Date _____ Original Signature of Applicant _____ Date _____

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

DO NOT SEND CORPS PROCESSING FEE WITH APPLICATION

SEND IDAHO DEPARTMENT OF WATER RESOURCES OR IDAHO DEPARTMENT OF LANDS FILING FEE WITH APPLICATION

March 15, 2005

Attn: Carl
Idaho Department of Lands
Mica Supervisory Area
3706 Industrial Ave. South
Coeur d'Alene, ID 83814

RE: Encroachment Permit No. L-95-S-4916-B
Recorded August 20, 2004

SUBJECT: REQUEST FOR MODIFIED DOCK

Dear Carl:

Attached, please find a proposed revised sketch of my dock permit No. L-95-S-4916-B.

Original Dock Permit

The original dock permit was recorded on August 20, 2004, and reflects the following L-shaped configuration.

1 - 4'x20' ramp	=	<u>80 s.f.</u>
1 - Dock (East-West) 22'x10'	=	<u>220 s.f.</u>
TOTAL DOCK AREA	=	<u>300 s.f.</u>

Revised Boat Slip (refer to attached sketch)

The revised boat slip protrudes into the waterway the same distance of 30' and the same east-west distance of 22'.

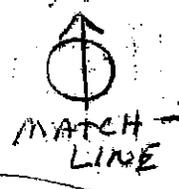
1 - 6'x30' ramp	=	<u>180 s.f.</u>
1 - 4'x17' slip	=	<u>68 s.f.</u>
1 - 3'x17' slip	=	<u>51 s.f.</u>
TOTAL DOCK AREA	=	<u>299 s.f.</u>

Carl, I respectfully request that Dock Permit No. L-95-S-4916-B be modified as per the attached sketch. In addition, I have permits for Water Intake (Permit L-95-S-4916-A) and Erosion Control (Permit L-95-S-4916-C).

Please call me (818-2101) if you should have any questions.

Sincerely,


Howard Rude



LOT 1, BLK 1
TIMBER RIVER
SECOND ADDITION

280'

PROPERTY LINE
LOT 2 - BLK 1
TIMBER RIVER
SECOND ADDITION

REVISED Boat Slip
3/15/05
Howard Rude

15' WIDE
DRIVE WAY

140'-0"

29.5'

6' WIDE

48'
172'

SAND GRASS
ABOVE WATER
LINE
+2"

170'

+2"

86'

110'

LAGOON
SHALLOW
WATER
MUD FLATS

85'

+14"

+38"

60'

SAND GRASS
ABOVE
WATER LINE
+2"

SHALLOW
WATER
MUD
FLATS

BRIDGE

+12"

39'

SAND ISLAND
(210' X 39')
ABOVE WATER LINE

+7"

20'

4' 8" 8/18/04

SPOKANE RIVER

GLD MEANDER
LINE
← FLOW

210'

+10"

+48"

+13"

+17-16'

+30"

40'

+6"

DEEDED
PROPERTY
CORNER

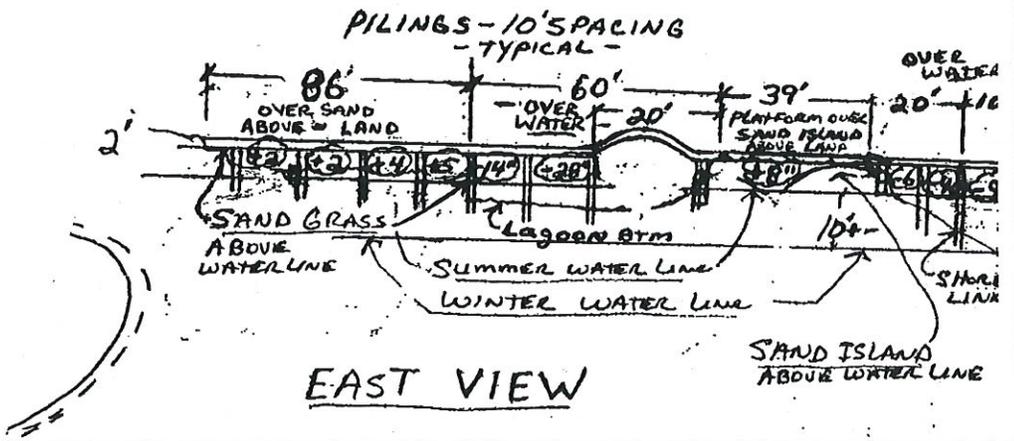
275'

Modified
Boat Slip
NR - 3/15/05

SPOKANE RIVER

D - PILE CATWALK OVER WATER -
 6' X 60' INCLUDES BRIDGE = 360'SF
 6' X 20' FROM ISLAND TO DOCK = 120'SF
 10' X 22' PILE SUPPORT DOCK = 220'SF
 TOTAL = 700'SF

PROPERTY LINE
 OT 4 BLK 1
 IMBEL RIVER
 ADDITION



1" = 40' SCALE 7-29-04
 HOWARD RUDA
 PLOT PLAN
 DEEDED PROPERTY CORNER
 PILE #19
 PILE #3431
 EDGE

NOTES:

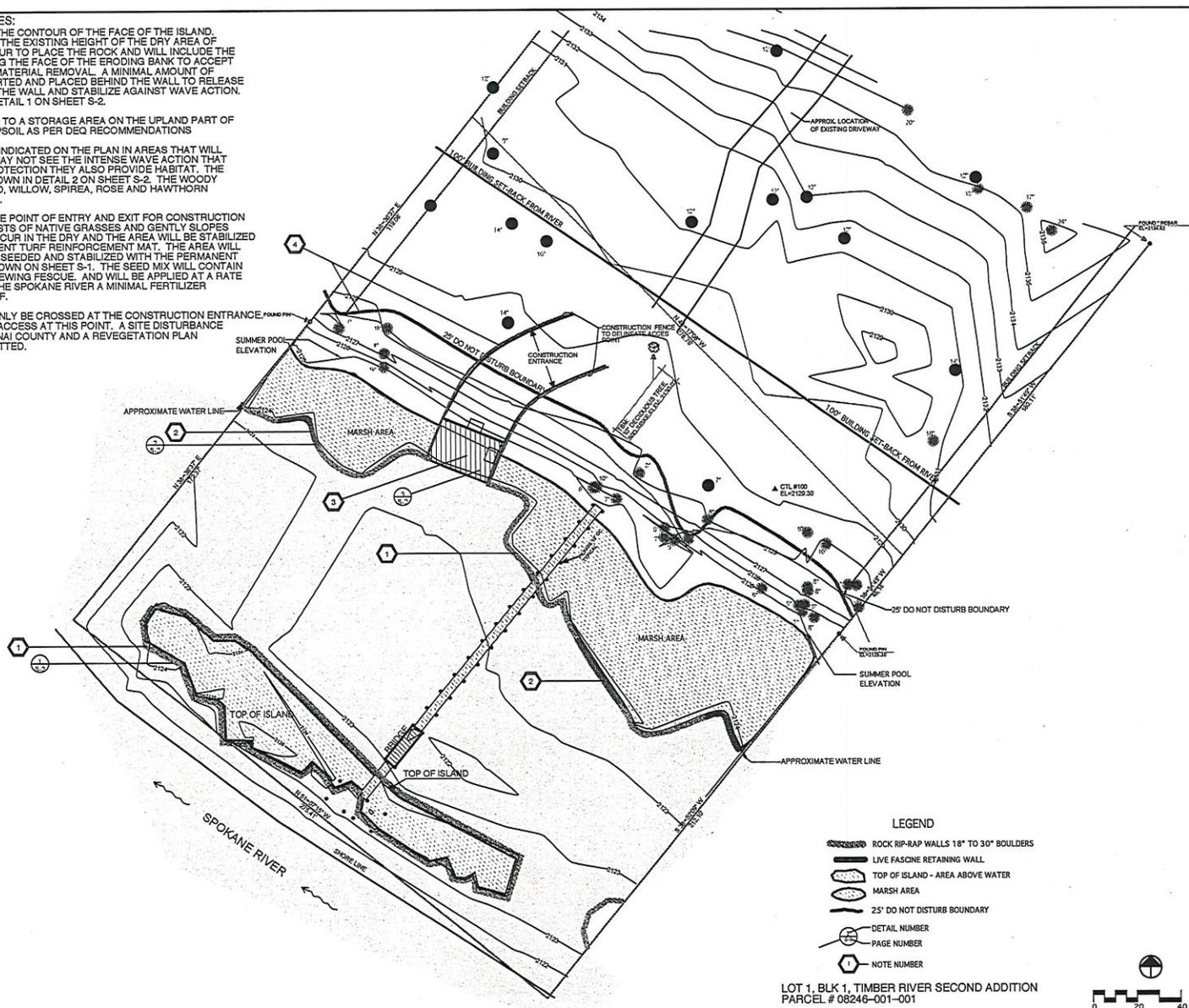
1. THE ROCK REVETMENT WILL FOLLOW THE CONTOUR OF THE FACE OF THE ISLAND. THE TOP OF THE WALL WILL NOT EXCEED THE EXISTING HEIGHT OF THE DRY AREA OF THE ISLAND. MINIMUM EXCAVATION WILL OCCUR TO PLACE THE ROCK AND WILL INCLUDE THE DIGGING OF A TOE TRENCH AND PREPPING THE FACE OF THE ERODING BANK TO ACCEPT THE ROCK WITH A MINIMUM AMOUNT OF MATERIAL REMOVAL. A MINIMAL AMOUNT OF CRUSHED ROCK MATERIAL WILL BE IMPORTED AND PLACED BEHIND THE WALL TO RELEASE HYDROSTATIC PRESSURE FROM BEHIND THE WALL AND STABILIZE AGAINST WAVE ACTION. THE WALLS WILL BE INSTALLED AS PER DETAIL 1 ON SHEET S-2.

EXCAVATED MATERIAL WILL BE REMOVED TO A STORAGE AREA ON THE UPLAND PART OF THE SITE AND MIXED WITH NATIVE TOPSOIL AS PER DEQ RECOMMENDATIONS

2. LIVE FASCINES WILL BE INSTALLED AS INDICATED ON THE PLAN IN AREAS THAT WILL BENEFIT FROM EROSION CONTROL BUT MAY NOT SEE THE INTENSE WAVE ACTION THAT OTHER AREAS DO. WHILE PROVIDING PROTECTION THEY ALSO PROVIDE HABITAT. THE FASCINES WILL BE CONSTRUCTED AS SHOWN IN DETAIL 2 ON SHEET S-2. THE WOODY VEGETATION WILL CONSIST OF DOGWOOD, WILLOW, SPIREA, ROSE AND HAWTHORN SPECIES DEPENDING UPON AVAILABILITY.

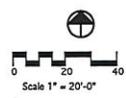
3. THIS AREA WILL BE USED AS THE SINGLE POINT OF ENTRY AND EXIT FOR CONSTRUCTION ACTIVITY. THE AREAS CURRENTLY CONSISTS OF NATIVE GRASSES AND GENTLY SLOPES TO THE WATER. CONSTRUCTION WILL OCCUR IN THE DRY AND THE AREA WILL BE STABILIZED AFTER CONSTRUCTION USING A PERMANENT TURF REINFORCEMENT MAT. THE AREA WILL BE GRADED TO ITS ORIGINAL CONDITION, SEEDED AND STABILIZED WITH THE PERMANENT REINFORCEMENT IN THE DIMENSIONS SHOWN ON SHEET S-1. THE SEED MIX WILL CONTAIN 50% CREEPING RED FESCUE AND 50% CHEWING FESCUE, AND WILL BE APPLIED AT A RATE OF 7 LBS/1000 SF. AS THE SITE IS NEAR THE SPOKANE RIVER A MINIMAL FERTILIZER APPLICATION OF 6-20-20 AT 6 LBS/1000 SF.

4. THE 25' NO DISTURBANCE ZONE WILL ONLY BE CROSSED AT THE CONSTRUCTION ENTRANCE. EQUIPMENT AND MACHINERY WILL ONLY ACCESS AT THIS POINT. A SITE DISTURBANCE PERMIT WILL BE OBTAINED FROM KOOTENAI COUNTY AND A REVEGETATION PLAN FOR THE ENTIRE 25' ZONE WILL BE SUBMITTED.



- LEGEND**
- ROCK RIP-RAP WALLS 18" TO 30" BOULDERS
 - LIVE FASCINE RETAINING WALL
 - TOP OF ISLAND - AREA ABOVE WATER
 - MARSH AREA
 - 25' DO NOT DISTURB BOUNDARY
 - DETAIL NUMBER
 - PAGE NUMBER
 - NOTE NUMBER

LOT 1, BLK 1, TIMBER RIVER SECOND ADDITION
PARCEL # 08246-001-001



COPYRIGHT 2004
CDF LANDSCAPE
All rights reserved. Reproduction or
translation of any part of this work
without written permission of CDF
LANDSCAPE is prohibited. See page 5
for critical procedure.



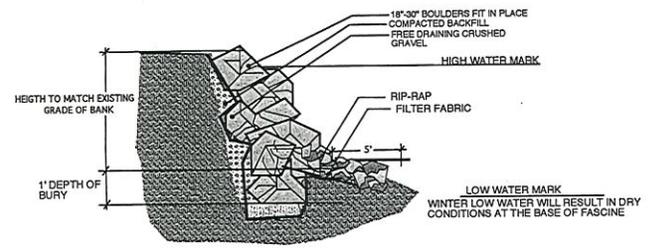
Revisions

Date: 10-08-04
Job No.: 1012204
Drawn by: JLV

CDF Landscape
4697 W. Sultice Way
Coeur d'Alene, ID 83814
(208) 765-0796
(208) 765-6796

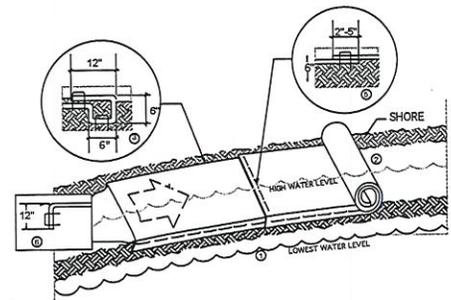


**HOWARD RUDE RESIDENCE
SPOKANE RIVER
SHORELINE EROSION CONTROL PLAN**

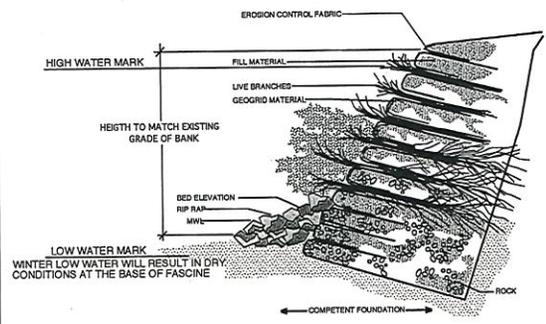


- NOTES:**
- 1) PLACE BOULDERS TO PROVIDE MAXIMUM STABILITY
 - 2) PLACE UPPER LEVEL BOULDERS SO THE LOCK INTO TWO LOWER BOULDERS
 - 3) SELECT BOULDERS SO GAPS ARE MINIMIZED
 - 4) BATTER WALL INTO SLOPE
 - 5) CHINK ALL LARGE GAPS WITH SMALLER BOULDERS
 - 6) BOULDERS SHALL HAVE FRACTURED FACES

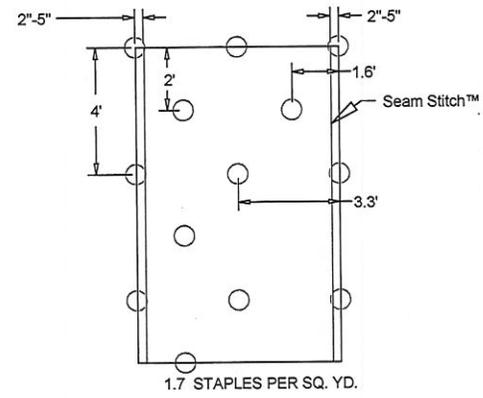
1 BOULDER WALL
 NOT TO SCALE



1. PERFORM INSTALLATION WHEN WATER LEVEL IS LOWEST.
2. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED
 NOTE: AREA IS TO BE SEEDDED WITH CREEPING RED FESCUE AND CHEWING FESCUE.
3. BEGIN AT THE TOP OF THE SHORELINE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 1" (2.5cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
4. ROLL BLANKETS HORIZONTALLY ACROSS THE SHORELINE SLOPE. BLANKETS WILL LAY BY THEMSELVES WITH APPROPRIATE SIDE AGAINST THE SLOPE. TOP AND SIDES WITH THE STAPLE PATTERN SHOULD BE USING OPTIONAL DOT SYSTEM. STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
5. THE EDGES OF ALL HORIZONTAL AND VERTICAL BLANKET SEAMS MUST BE STAPLED WITH APPROXIMATELY 2" x 8" (5cm x 12.5cm) BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET. OVERLAP TO ENSURE PROPER SEAM ALIGNMENT BETWEEN ADJACENT BLANKETS, PLACE THE EDGE OF THE OVERLAPPING SECURE. ALL OVERLAPS WITH STAPLES SPACED 12" (30cm) APART.
 NOTE:
 SEAM OVERLAP SHOULD BE SHINGLED ACCORDING TO PREDOMINANT EROSION ACTION.
6. THE EDGE OF THE BLANKET AT OR BELOW NORMAL WATER LEVEL MUST BE ANCHORED BY PLACING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE ANCHOR TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART IN THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING (STONE OR SOIL MAY BE USED AS BACKFILL).
 NOTE:
 IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.



2 LIVE FASCINE
 NOT TO SCALE



3 REINFORCED TURF MAT - SHORELINE
 NOT TO SCALE



Revisions

 Date: 10-08-04
 Job No.: D-152204
 Prep. By: TW

CDF Landscape
 4609 N. 54th Ave.
 Coeur d'Alene, ID 83814
 (208) 765-0796
 (208) 765-6796

Site Planning
 Landscape Design
 Landscape Construction

HOWARD RUDE RESIDENCE
 SPOKANE RIVER
 SHORELINE EROSION CONTROL PLAN

STATE OF IDAHO
BUREAU OF LAND MANAGEMENT
Mica District
Coeur d'Alene IDAHO

DATE 2/2/05

ATTN: CARL WASHBURN

RE: PERMIT APPLICATION EROSION CONTROL

Dear CARL

As per your request, this letter is to confirm the removal of one (1) wood raft that was tied up in the water way at 6426 maple wood Post Falls.

This wood raft was left in my lagoon last fall by my neighbor David Simms.

As of today, the wood raft was removed from the water way and will be burned upon receipt of a burning permit from the county. If you have any questions please call me - 818-2101

Thank you Howard
Rude



MATCH LINE

LOT 1, BLK 1
TIMBER RIVER
SECOND ADDITION
280'

PROPERTY LINE
LOT 2 - BLK 1
TIMBER RIVER
SECOND ADDITION

15' WIDE
DRIVE WAY

140'-0"

29.5'

6' WIDE

2" water line
Lead on
ground

170'

48'

SAND
GRASS
ABOVE WATER
LINE

+2"

172'

+2"

+2"

110'

86'

2" suction
device

LAGOON
SHALLOW
WATER
MUD FLATS

85'

-14"

-28"

SAND
GRASS
ABOVE
WATER LINE

+2"

124'

60'

SHALLOW
WATER
MUD
FLATS

LAGOON
BRIDGE

-12"

39'

+8"

SAND ISLAND
(210' X 39')
(ABOVE WATER LINE)

+7"

-4"

4' 11" 8/18/04

+5"

SPOKANE
RIVER

GLO MEANDER
LINE
FLOW

210'

-48"

-10"

+22"

40'

-6"

DEEDED
PROPERTY
CORNER

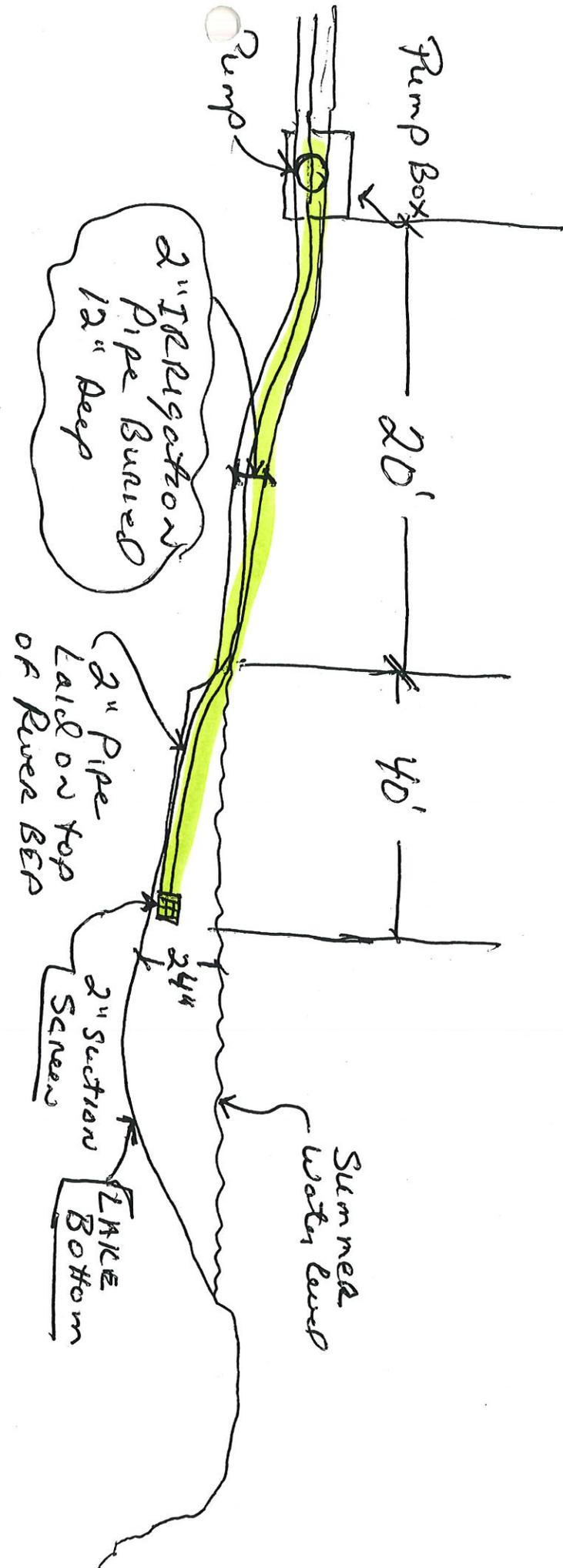
275'

BOUY

LOW
WATER LINE

SPOKANE
RIVER

Howard Rock



PROPOSED

TIMBER RIVER

FIVE ACRE SPOKANE RIVER FRONT ESTATES

Get Current Price Map at www.TimberRiver.info

September 4, 2003

Now accepting reservations only.
Parcels are not for sale

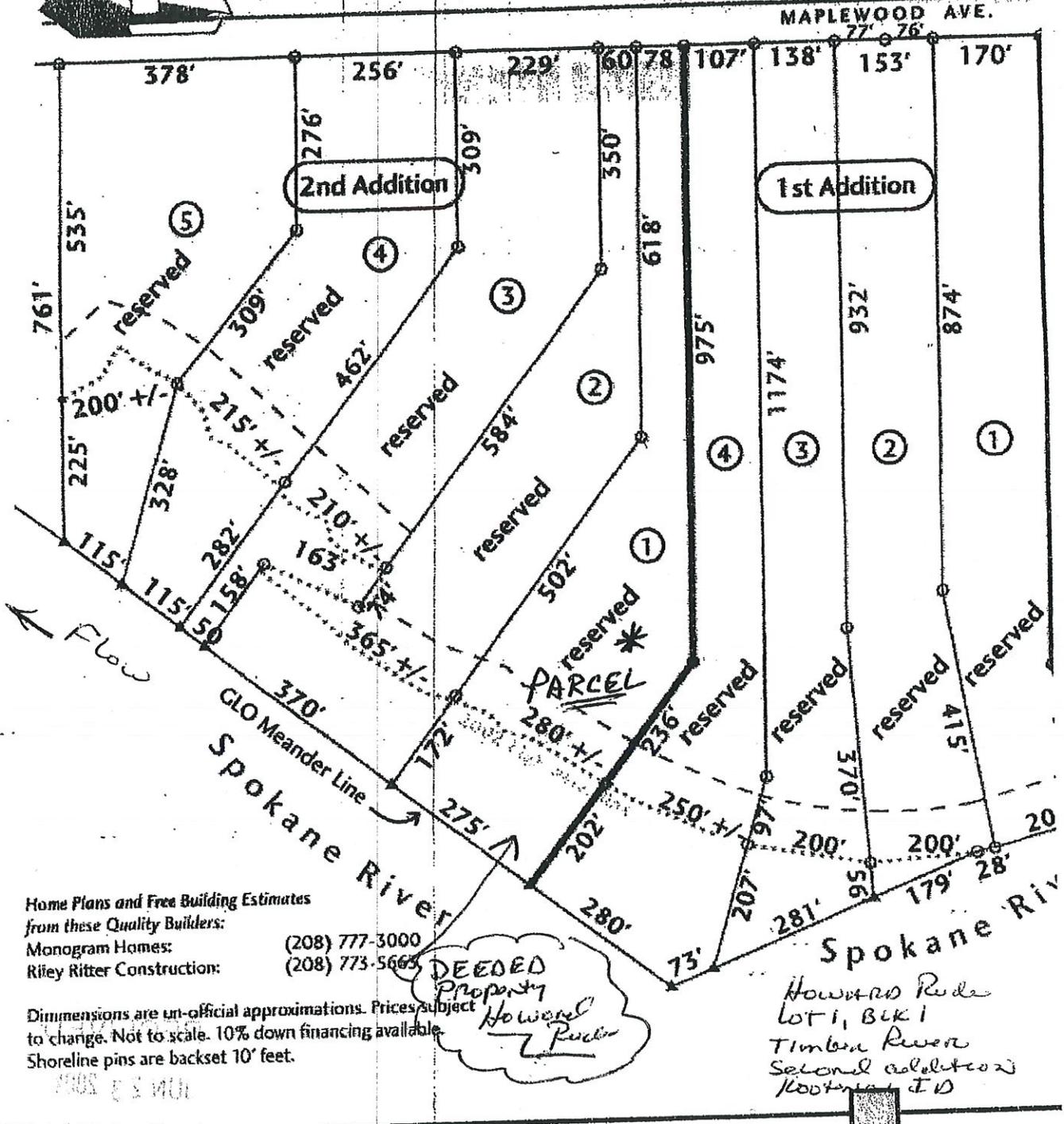
North ↑



North Idaho Building Contractors Association



10 Minutes by boat to Coeur d'Alene Lake



Home Plans and Free Building Estimates from these Quality Builders:

Monogram Homes:
Riley Ritter Construction:

(208) 777-3000
(208) 773-5663

Dimensions are un-official approximations. Prices subject to change. Not to scale. 10% down financing available. Shoreline pins are backset 10' feet.

DEEDED Property Howard Ruder

Howard Ruder
LOT 1, BK 1
Timber River
Second addition
Kootenai, ID

Spokane River Front Estates