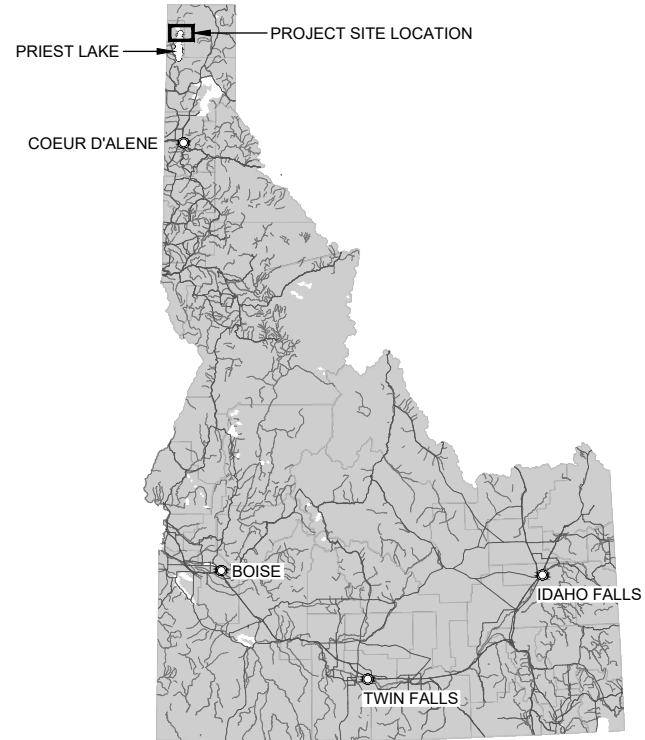
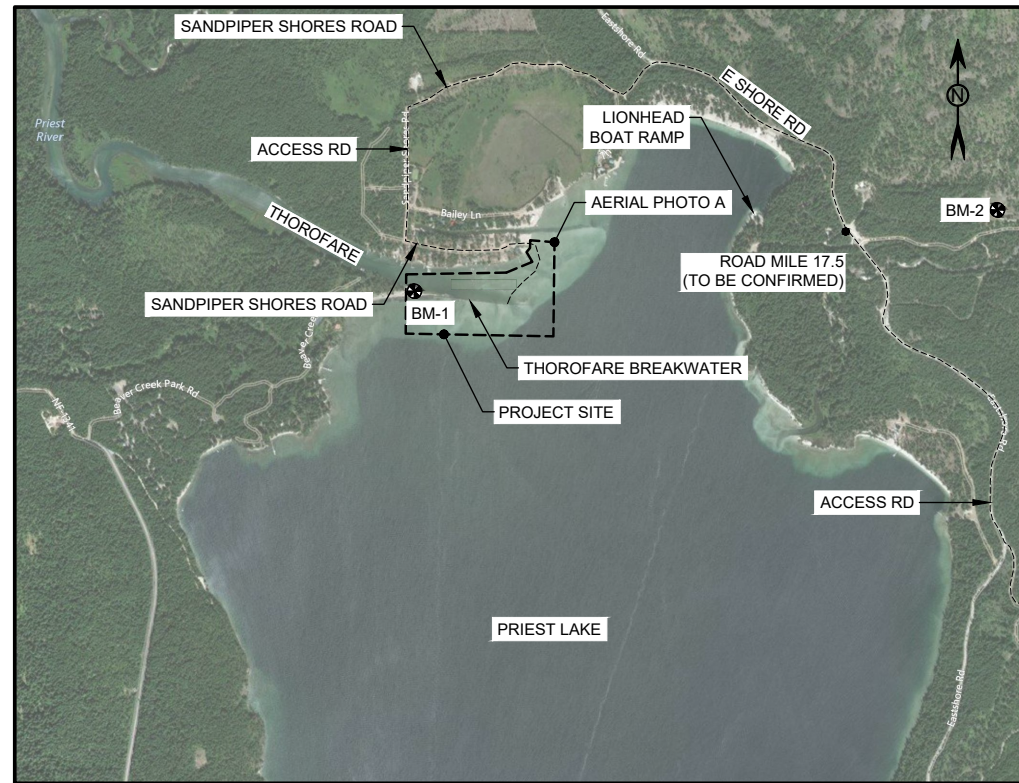


PRIEST LAKE WATER MANAGEMENT PROJECT THOROFARE NAVIGATION IMPROVEMENTS

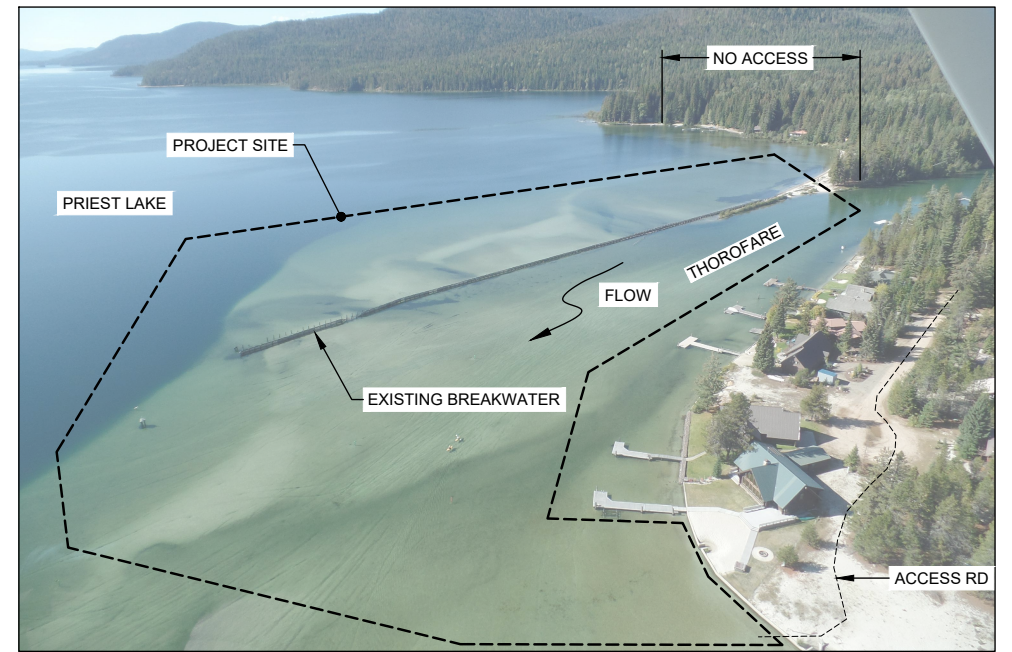


LOCATION MAP
NOT TO SCALE



SOURCE: BING MAPS

VICINITY MAP
NOT TO SCALE



SOURCE: TOM WEITZ, SEPTEMBER 18, 2018 DURING SUMMER POOL EL 3.0'

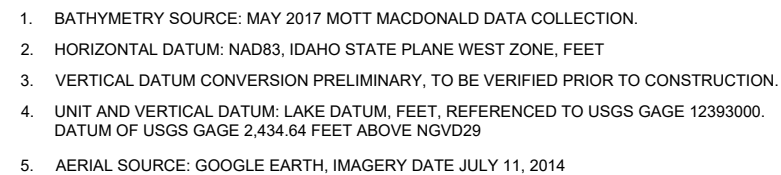
AERIAL PHOTO A
NOT TO SCALE

SHEET INDEX	
SHEET NO.	TITLE
1	Cover Sheet
2	Overall Site Plan
3	General Notes
4	Site Access and Phase 1 Flow Diversion Plan
5	Site Access and Phase 2 Flow Diversion Plan
6	Ground Photos 1
7	Ground Photos 2
8	TESC Notes
9	Overall Site Plan - TESC
10	TESC Details
11	Overall Site Plan - Proposed Work
12	Thorofare Dredging Sections
13	Breakwater Plan 1
14	Breakwater Plan 2
15	Breakwater Sections 1
16	Breakwater Sections 2
17	Dayboard Details

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 1601 5th Avenue Suite 800 Seattle, Washington 98101 T +1 (425) 778 6243 W mottmac.com	 IDAHO DEPARTMENT OF WATER RESOURCES 322 Front Street Suite 648 P.O. Box 83720 Boise, Idaho 83702 P (208) 287-4800 F (208) 287-6700	 R. Shane Phillips Digitally signed by R. Shane Phillips DN: C=US, E=rs@shane.phillips@mottmac.com, O=Mott MacDonald, CN=R. Shane Phillips Location: Seattle Reason: I am the author of this document Date: 2020.05.11 19:03:44 -0700						<table border="1"> <tr> <td>Designed</td> <td>J. Dawson</td> <td></td> <td>Eng check</td> <td>S. Phillips</td> <td></td> </tr> <tr> <td>Drawn</td> <td>T. Morrison</td> <td></td> <td>Coordination</td> <td></td> <td></td> </tr> <tr> <td>Dwg check</td> <td>S. Phillips</td> <td></td> <td>Approved</td> <td>S. Phillips</td> <td></td> </tr> <tr> <td>Scale at ANSI D</td> <td colspan="2">Status</td> <td>Rev</td> <td colspan="2">Security</td> </tr> </table>				Designed	J. Dawson		Eng check	S. Phillips		Drawn	T. Morrison		Coordination			Dwg check	S. Phillips		Approved	S. Phillips		Scale at ANSI D	Status		Rev	Security		Priest Lake Water Management Project Thorofare Navigation Improvements Cover Sheet
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1. TIMBER BREAKWATER TO BE DEMOLISHED. PILES TO BE FULLY EXTRACTED OR BROKE OFF MINIMUM 2' BELOW THE LAKE BED. TIMBER LAGGING TO BE FULLY REMOVED. SEE TECHNICAL SPECIFICATIONS.
2. PRIMARY ACCESS TO LAKE BED WILL BE LOT 10 ONLY; LOT 8 WILL BE FOR EQUIPMENT STORAGE AND PARKING ONLY.



1 SITE PHOTOS

NAVIGATION AID BUOYS

FLOW DIRECTION

BM-1 TEMPORARY BENCHMARK

	ACCESS ROAD
	ORDINARY HIGH WATER
	PROJECT SITE LIMITS
	STAGING AREA
	WATER LINE
	SEWER LINE
	PROPERTY BOUNDARY (APPROXIMATE)

EXISTING CONDITIONS

0 100 200

SCALE IN FEET

Title	Priest Lake Water Management Project Thorofare Navigation Improvements
	Overall Site Plan

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL LAWS AND OWNER SUPPLIED PERMITS.
2. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CONTRACT SPECIAL PROVISIONS.
3. ALL WORK SHALL BE SUBJECT TO THE INSPECTION OF THE OWNER OR OWNER'S REPRESENTATIVE.
4. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL MEET WITH THE OWNER AND/OR OWNER'S REPRESENTATIVE FOR A PRE-CONSTRUCTION MEETING.
5. A COPY OF APPROVED PLANS AND PROJECT SPECIFICATIONS MUST BE ON THE SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
6. PRIOR TO ANY SITE CONSTRUCTION THAT INCLUDES CLEARING OR GRADING, THE PROJECT SITE LIMITS SHALL BE LOCATED AND IDENTIFIED BY THE CONTRACTOR'S SURVEYOR AND APPROVED BY THE OWNER OR OWNER'S REPRESENTATIVE.
7. LOCATIONS OF EXISTING UTILITIES AND LATERALS LOCATED ALONG THE LENGTH OF THE ACCESS ROAD (SANDPIPER SHORE ROAD) ARE BASED ON A COMBINATION OF ONE OR MORE OF THE FOLLOWING: OBSERVATION OF SURFACE FEATURES, POTHOLING OF SOME UTILITIES, AND RECORD SCHEMATIC DRAWINGS. CONTRACTOR SHALL FIELD LOCATE UTILITIES AND LATERALS WITHIN THE LIMITS OF THE PROPOSED ACCESS ROAD. TAKE PRECAUTIONS AND REMEDIAL MEASURES THAT MAY BE REQUIRED TO PROTECT PERSONS AND PROPERTY AND TO AVOID DISRUPTION OF SERVICE UNLESS OTHERWISE NOTED. PROTECT ALL UTILITIES AND LATERALS FROM DAMAGE, WHICH SHALL INCLUDE THE USE OF TRENCH PLATES AND ADDITIONAL GRAVEL COVER WHERE REQUIRED.
8. THE CONTRACTOR SHALL COMPLY WITH BUILDING AND REGULATORY PERMITS AND ALL OTHER REQUIREMENTS BY THE STATE OF IDAHO. SEE APPROVED PERMITS AND PERMIT REQUIREMENTS IN THE PROJECT SPECIFICATIONS.
9. IN ACCORDANCE WITH THE PERMITS, CONSTRUCTION IN AREAS BELOW ORDINARY HIGH WATER (OHW) WILL BE LIMITED TO THE CONSTRUCTION WORK WINDOW INDICATED IN THE CONTRACT SPECIFICATION AND REGULATORY PERMITS.
10. PROJECT SITE LIMIT LINES ARE SHOWN ON SHEETS 2, 4 AND 5. WORK OUTSIDE THE PROJECT LIMITS ARE PROHIBITED.
11. OWNER PROVIDED STAGING AREAS ARE LIMITED TO LOTS 8 AND 10 AND THE USE OF THOSE PRIVATE PROPERTIES ARE SUBJECT TO THE TERMS OF THE EASEMENT OUTLINED IN THE APPENDICES. ADDITIONAL STAGING AREAS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL TESC REQUIREMENTS APPLY TO THE CONTRACTOR'S OBTAINED STAGING AREA.
12. TO COMPLETE THE WORK SPECIFIC MEASURES FOR CONSTRUCTION ACCESS TO THE BREAKWATER WORK AREA AND FLOW DIVERSION WILL BE REQUIRED, SEE SHEETS 4, 5, 8, 9, AND TECHNICAL SPECIFICATIONS.
13. ALL TEMPORARY ACCESS LOCATIONS USED BY THE CONTRACTOR FOR CONSTRUCTION ACCESS SHALL BE CLOSED TO PUBLIC ACCESS THROUGHOUT THE DURATION OF CONSTRUCTION.
14. CONTRACTOR SHALL MAINTAIN HAUL ROUTE ROADS FOR ACCESS AND UTILITY PROTECTION AND RESTORE ALL AREAS TO PRE-PROJECT CONDITION.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION OF TRAFFIC CONTROL PLANS. CONTRACTOR SHALL SUBMIT PLANS TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO IMPLEMENTATION.

1. BATHYMETRY SOURCE: MAY 2017 MOTT MACDONALD DATA COLLECTION.
2. HORIZONTAL DATUM: NAD83, IDAHO STATE PLANES WEST ZONE, FEET
3. VERTICAL DATUM CONVERSION PRELIMINARY, TO BE VERIFIED PRIOR TO CONSTRUCTION.
4. UNIT AND VERTICAL DATUM: LAKE DATUM, FEET, REFERENCED TO USGS GAGE 12393000. DATUM OF USGS GAGE 2,434.64 FEET ABOVE NGVD29
5. AERIAL SOURCE: GOOGLE EARTH, IMAGERY DATE JULY 11, 2014

REFERENCE BENCHMARKS (USGS GAGE)				
POINT ID	NORTHING	EASTING	ELEVATION (NGVD29), FT	ELEVATION (LAKE DATUM), FT
BM-1	2,580,733.29	2,359,611.69	+2439.44'	+4.80'
BM-2	2,581,560.72	2,365,832.20	+2527.35'	+92.71'

1. ACCESS TO THE PROJECT SITE WORK AREA IS PROVIDED BY THE OWNER THROUGH EASEMENT FOR USE OF SANDPIPER SHORES ROAD AND LOT 10. SMALL CRAFT VESSEL ACCESS IS AVAILABLE FROM LIONS HEAD BOAT RAMP. EASEMENT FOR USE OF LIONS HEAD BOAT RAMP FOR CONSTRUCTION EQUIPMENT IS NOT AVAILABLE FROM THE OWNER. CONTRACTOR WILL BE REQUIRED TO OBTAIN APPROVAL AND EASEMENT FROM IDAHO STATE PARKS IF PROPOSED FOR FLOATING CONSTRUCTION EQUIPMENT ACCESS TO THE PROJECT SITE WORK AREA.

1. PRE-CONSTRUCTION SUBMITTAL APPROVALS
2. MOBILIZATION
3. ACCESS ROAD PROTECTORS
4. SITE PREPARATION AND TESC
5. FLOW DIVERSION PHASE 1
6. DEMOLITION OF EXISTING TIMBER BREAKWATER
7. DREDGING AND DREDGED MATERIAL PLACEMENT
8. FLOW DIVERSION PHASE 2
9. SPIT RECONSTRUCTION WEST END STABILIZATION
10. BREAKWATER CONSTRUCTION AND BEACH NOURISHMENT
11. SITE CLEAN-UP
12. ROAD RESTORATION
13. DEMOBILIZATION

1. WATER LEVELS WITHIN THE PROJECT AREA LIMITS VARY BASED ON THE DISCHARGE IN THE THOROFARE AND WATER LEVELS IN THE LAKE. WATER LEVELS CAN BE HIGHLY VARIABLE DURING TIME PERIODS OF HIGHER THOROFARE DISCHARGE. LAKE WATER LEVELS ARE PROVIDED IN THE FOLLOWING TABLE. SEE CONTRACT DOCUMENT APPENDICES FOR ADDITIONAL INFORMATION ON HISTORICAL LAKE WATER LEVELS.

	MONTHLY LAKE WL STATISTICS FOR PERIOD 1978-2020 DATA FROM USGS GAGE #12393000 (FT, LAKE DATUM)						
	NOV.	DEC.	JAN.	FEB.	MAR.	SUMMARY FOR NOV.-MAR.	
MIN. WL	-0.1	-0.3	-0.3	-0.4	-0.4	MIN:	-0.4
AVG. WL	0.6	0.4	0.6	0.3	0.6	AVG:	0.4
MAX. WL	3.0	2.0	1.8	1.8	2.7	MAX:	3.0

1. SEE APPENDIX E WATER LEVEL & FLOW DATA FOR A MAP WITH THE LOCATION OF USGS WATER LEVEL GAGE #12393000 AT THE SOUTH END OF PRIEST LAKE.
2. WAVE RUN-UP AND SEICHE EFFECTS FROM STRONG LAKE WINDS ARE POTENTIAL CONSIDERATIONS THAT COULD AFFECT WATER LEVELS.
3. ORDINARY HIGH WATER IS ESTIMATED TO BE APPROXIMATELY +3.0' (BASED ON SUMMER RECREATIONAL SEASON POOL LEVEL CONDITIONS).

1. THOROFARE DISCHARGE VARIES DEPENDING ON UPPER PRIEST LAKE WATERSHED HYDROLOGY AND SUBJECT TO CONSTANT CHANGE BASED PRECIPITATION AND TEMPERATURES. THE ESTIMATED 2-YR, 5-YR, AND 10-YR DISCHARGE FOR THE THOROFARE ARE AS FOLLOWS:

	<u>2-YR</u>	<u>5-YR</u>	<u>10-YR</u>
• NOVEMBER 1 TO DECEMBER 14:	614 CFS	820 CFS	965 CFS
• DECEMBER 15 TO MARCH 15:	432 CFS	557 CFS	886 CFS

ADDITIONAL THOROFARE DISCHARGE DATA AND BACKGROUND INFORMATION IS PROVIDED IN THE CONTRACT DOCUMENTS, SEE APPENDICES.

1. PROJECT SITE IS SUBJECT TO DYNAMIC, CHANGING CONDITIONS. THE DEPTHS, CONTOURS SHOWN ARE REPRESENTATIVE OF THE CONDITIONS AT THE TIME OF THE SURVEY.

1. CONDUCT UTILITY LOCATE FOR ACCESS ROAD REACHES 2 AND 3.
2. DEVELOP CONSTRUCTION EASEMENT PROTECTION PLAN AND SUBMITTAL TO OWNER FOR REVIEW.
3. CONDUCT PRECONSTRUCTION SURVEY.
4. IMPLEMENT AND MAINTAIN PROTECTION MEASURES.
5. CLEANUP AND RESTORE ACCESS CORRIDOR.
6. POST CONSTRUCTION SURVEY.

AVG	AVERAGE
BM	BENCHMARK
B.O.	BOTTOM OF
CL	CENTERLINE
Ø	DIAMETER
EA	EACH
EL	ELEVATION
FT	FEET
GALV	GALVANIZED
ID	IDENTIFICATION
LOC	LIMIT OF CONSTRUCTION
MIN	MINIMUM
MAX	MAXIMUM
O.C.	ON CENTER
OHW	ORDINARY HIGH WATER
PL	PLATE
SIM	SIMILAR
SS	STAINLESS STEEL
T & B	TOP AND BOTTOM
STD	STANDARD
STA	STATION
TESC	TEMPORARY EROSION & SEDIMENT CONTROL
T.O.	TOP OF
T.O.C.	TOP OF CAP
TYP	TYPICAL
USGS	UNITED STATES GEOLOGICAL SURVEY
WL	WATER LEVEL
WP	WORKING POINT
@	AT
'	MINUTES OR FEET
"	SECONDS OR INCHES

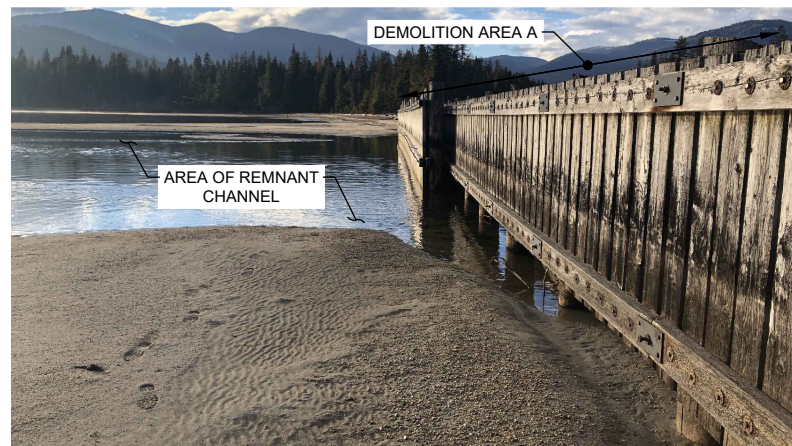
FOR BID

 1601 5th Avenue Suite 800 Seattle, Washington 98101 T +1 (425) 778 6243 W mottmac.com	 IDAHO DEPARTMENT OF WATER RESOURCES 322 Front Street Suite 648 P.O. Box 83720 Boise, Idaho 83702 P (208) 287-4800 F (208) 287-6700								Designed		J. Dawson		Eng check	S. Phillips		Title Priest Lake Water Management Project Thorofare Navigation Improvements General Notes
		Drawn		T. Morrison			Coordination									
		Dwg check		S. Phillips			Approved									
		Scale at ANSI D		Status			Rev		Security							
0		5/11/20	TM	FOR BID	JD	SP	Project Number		B/O		Total		Drawing Number			
Rev		Date	Drawn	Description	Ch'k'd	App'd	376997		3		17					

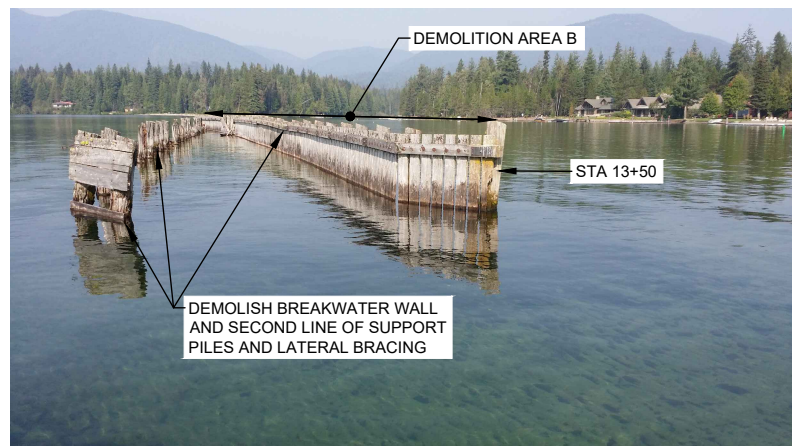
GROUND PHOTO 1 EXISTING TIMBER BREAKWATER (LOOKING EAST)



GROUND PHOTO 4 EXISTING BREAKWATER (LOOKING WEST)



GROUND PHOTO 7 EXISTING TIMBER BREAKWATER (LOOKING WEST)



NOTE

1. GROUND PHOTOS ARE FOR INFORMATION ONLY AND MAY NOT BE REPRESENTATIVE OF CONDITIONS DURING CONSTRUCTION.
2. GROUND PHOTOS 8 AND 4 TAKEN DURING NON-RECREATIONAL PERIOD (NOVEMBER TO MARCH TIMEFRAME). ALL OTHER PHOTOGRAPHS ARE TAKEN DURING RECREATIONAL SEASON WITH LAKE LEVEL NEAR GAGE 12393000 LEVEL 3.0' OR NGVD29 2,437.64'.

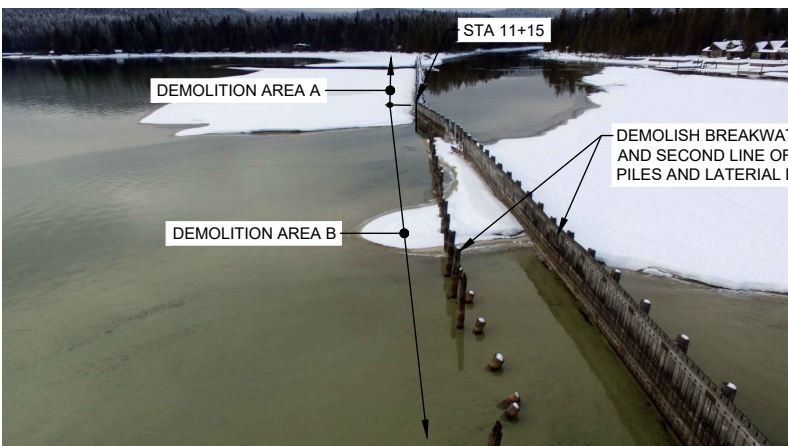
GROUND PHOTO 2 EXISTING TIMBER BREAKWATER (LOOKING WEST)



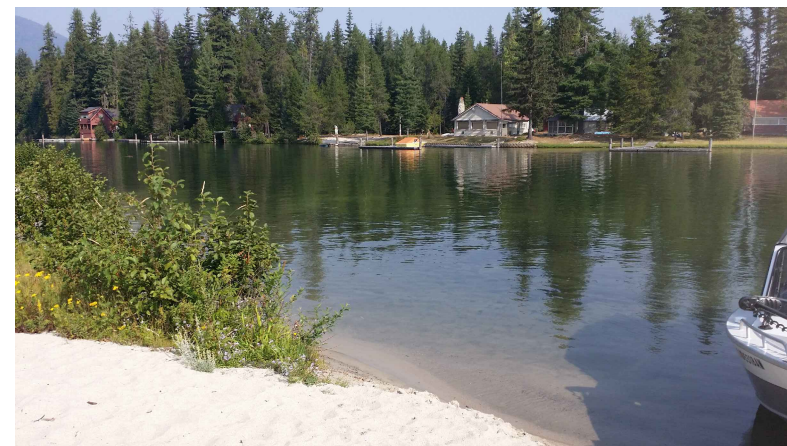
GROUND PHOTO 5 EXISTING TIMBER BREAKWATER (LOOKING WEST)



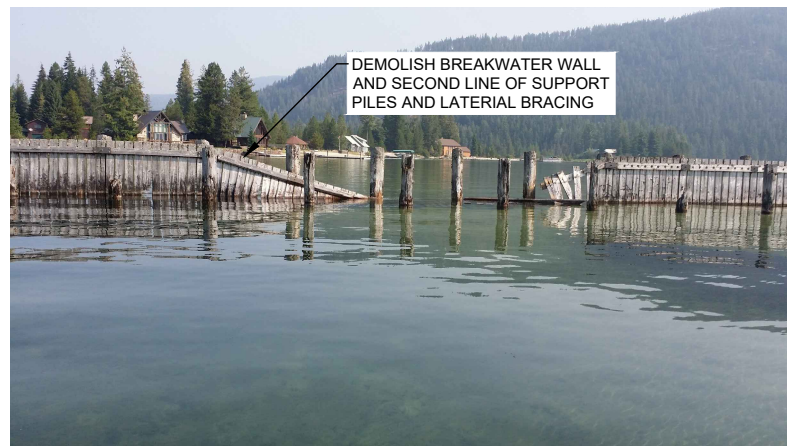
GROUND PHOTO 8 EXISTING BREAKWATER (LOOKING WEST)



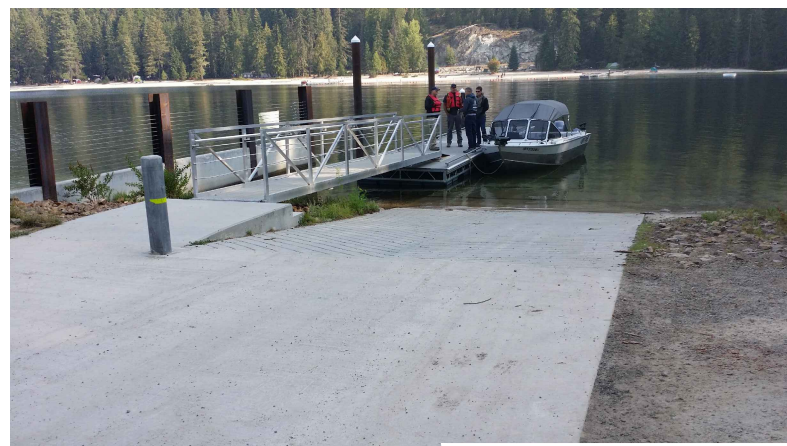
GROUND PHOTO 3 EXISTING CHANNEL (LOOKING NORTH)



GROUND PHOTO 6 EXISTING TIMBER BREAKWATER (LOOKING NORTH)



GROUND PHOTO 9 EXISTING BOAT RAMP AT MOSQUITO BAY (@ LIONS HEAD STATE PARK)



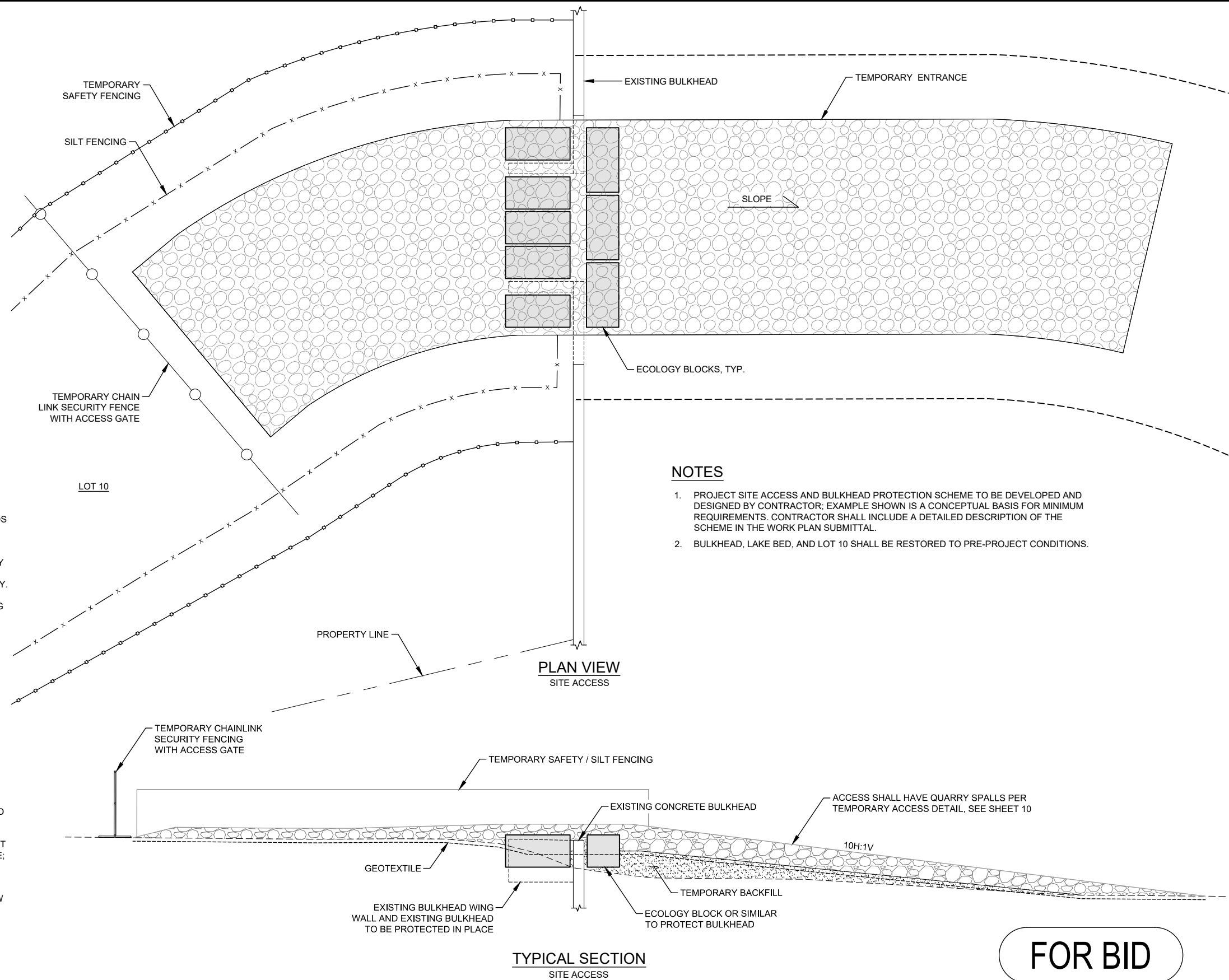
NOTE: TRAILERABLE BOAT ACCESS ONLY.

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MOTT MACDONALD 1601 5th Avenue Suite 800 Seattle, Washington 98101 T +1 (425) 778 6243 W mottmac.com	 IDAHO DEPARTMENT OF WATER RESOURCES 322 Front Street Suite 648 P.O. Box 83720 Boise, Idaho 83702 P (208) 287-4800 F (208) 287-6700								 Project Number 376997	B/O 6	Total 17	Designed	J. Dawson		Eng check	S. Phillips		Title Priest Lake Water Management Project Thorofare Navigation Improvements Ground Photos 1
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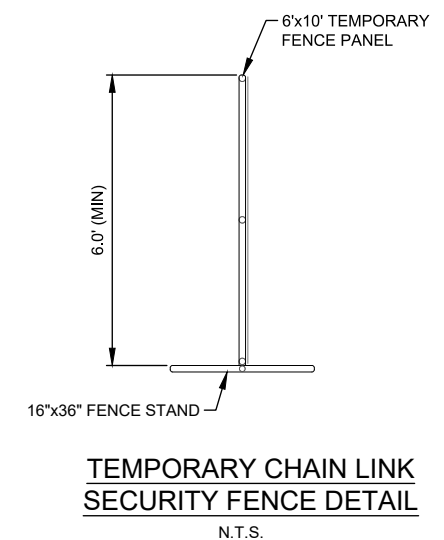
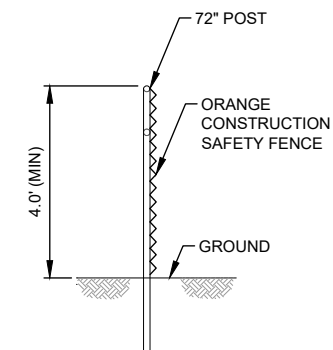
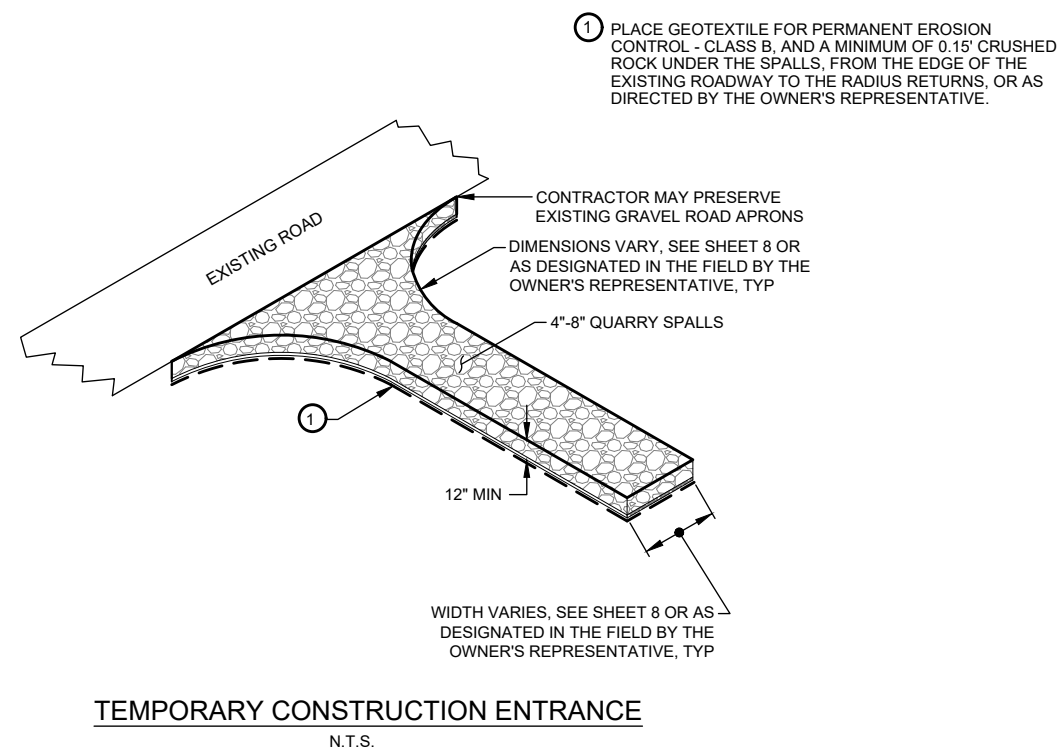
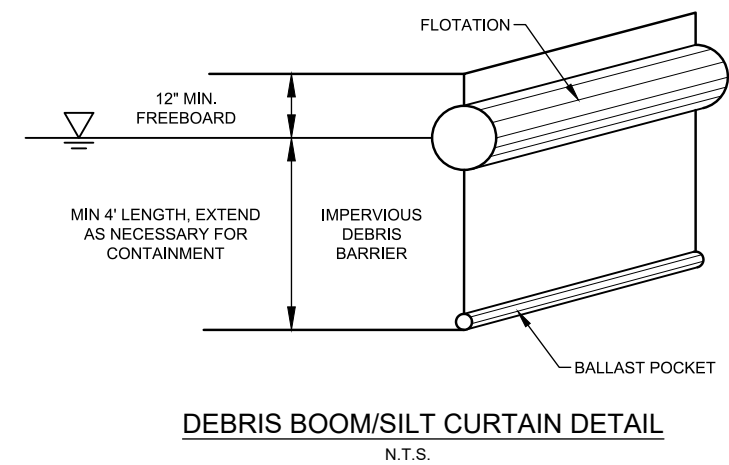
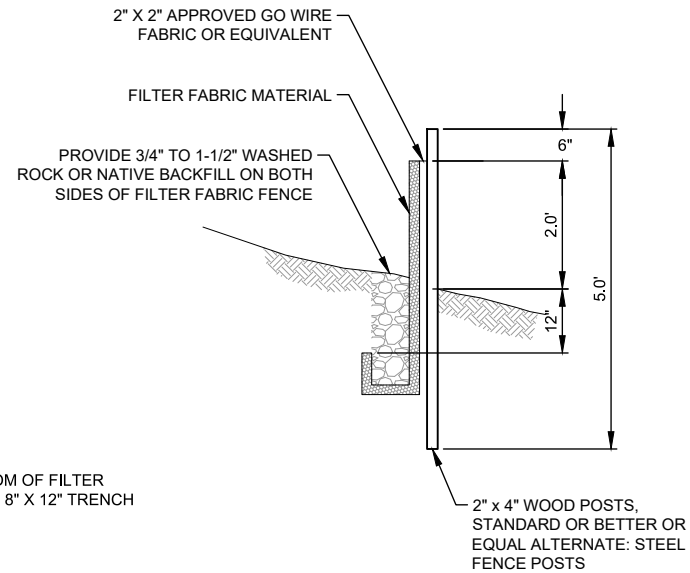
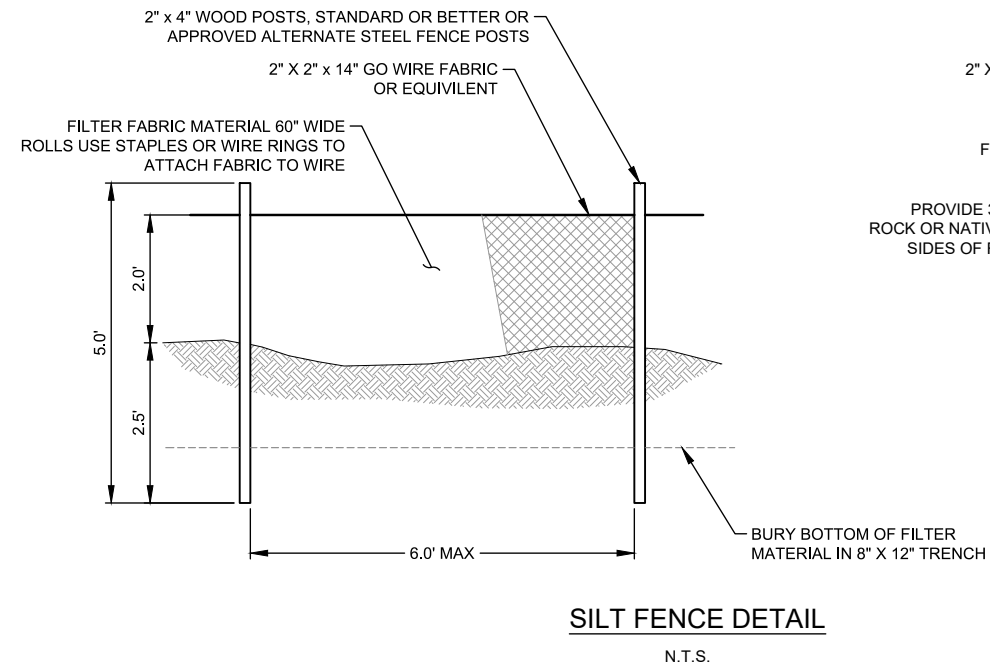
1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) AND INSTALL EROSION CONTROL MEASURES PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES AS WELL AS MAINTENANCE AND REPAIR OF NEW AND EXISTING EROSION CONTROL MEASURES.
 - A. SILT FENCING AND OTHER EROSION/SEDIMENTATION CONTROL SYSTEMS SHALL BE INSTALLED DOWNSTREAM OF ACTIVE EARTH DISTURBANCE AREAS.
2. THE IMPLEMENTATION OF THESE TESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED.
3. THE TESC FACILITIES SHOWN ON SHEET 8 AND 10 MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL SITE PREPARATION, FLOW DIVERSION, DREDGING, AND DEMOLITION, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER ADJACENT WATER BODIES, OR VIOLATE APPLICABLE REGULATORY PERMIT REQUIREMENTS.
4. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL MAINTENANCE AND REPAIR SHALL BE CONDUCTED IN ACCORDANCE WITH ALL APPLICABLE STATE TEMPORARY EROSION CONTROL MANAGEMENT AND REGULATIONS.
6. IF SEDIMENT IS TRANSPORTED ONTO A PAVED SURFACE, THE STRIP OF PAVEMENT SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM PAVED AREAS BY A METHOD AS APPROVED BY THE OWNER AND BE TRANSPORTED TO A DISPOSAL AREA APPROVED FOR DISPOSAL OF THE MATERIAL REMOVED. PAVEMENT WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
7. ALL TEMPORARY EROSION AND SEDIMENT CONTROLS SHALL BE REMOVED IMMEDIATELY AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY CONTROLS ARE NO LONGER NEEDED, WHICHEVER IS LATER. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. TESC FACILITIES SHALL BE COMPLETELY REMOVED AT THE COMPLETION OF THE WORK.
8. THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (IE. ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.)
9. THE TESC FACILITIES SHALL BE INSPECTED DAILY AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE TESC FACILITIES.
10. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN FORTY-EIGHT (48) HRS FOLLOWING A STORM EVENT.

1. ESTABLISH CONSTRUCTION ACCESS: PROVIDE ACCESS TO EXISTING ROAD AND PARKING AREA LOCATED ON THE LANDWARD SIDE OF THE WORK AREA.
2. INSTALL SEDIMENT CONTROLS: SILT FENCING SHALL BE INSTALLED AT THE DOWNSTREAM EDGE OF THE ACCESS AREA LIMITS AT LOCATIONS SHOWN ON THE TESC PLAN AND OTHER LOCATIONS AS NECESSARY TO CONTROL SEDIMENT RUNOFF BASED ON CONTRACTORS WORK PLAN. THE SILT FENCE SHALL HAVE NO GAPS ALONG ITS LENGTH, BE DUG INTO THE EXISTING SOIL, AND BE INSPECTED DAILY FOR INTEGRITY.
3. PROTECT SLOPES: TEMPORARY CONSTRUCTION SLOPES SHALL BE PROTECTED THROUGH ROUGHENING (TRACKING) OF SLOPES, DIVERTING UPSLOPE DRAINAGE AT TOP OF SLOPE, STABILIZATION OF SLOPES, OR USE OF PLASTIC SHEETING. THE PLASTIC SHEETING SHALL COVER THE ENTIRE AREA OF EXPOSED SOILS AND BE WEIGHTED TO KEEP IT IN PLACE.
6. STABILIZE CHANNELS AND OUTLETS: ALL CHANNELS AND OUTLETS LOCATED WITHIN THE PROJECT SITE LIMITS SHALL BE PROTECTED USING APPROPRIATE BMPs REFERENCED WITHIN THE IDAHO TRANSPORTATION DEPARTMENT (ITD) EROSION CONTROL BEST MANAGEMENT PRACTICES MANUAL.
8. CONTROL DEWATERING:
CONTRACTOR SHALL CONDUCT ANY DEWATERING WORK SUCH THAT REGULATORY PERMIT REQUIREMENTS ARE MET.
10. SILT FENCE:
SILT FENCES SHALL BE INSTALLED DOWNSLOPE OF ALL CONSTRUCTION ACCESS WORK AREAS ABOVE OHW. CONTRACTOR SHALL MAINTAIN THE FENCE THROUGHOUT DURATION OF ALL CONSTRUCTION ACCESS AREA ACTIVITIES.
11. MATERIAL SPILL:
SPILLS THAT OCCUR DURING OFFLOADING AND TRANSFER SHALL DRAIN WITHIN THE CONTAINED UPLAND AREA.
12. FLOATING DEBRIS BOOM/SILT CURTAIN: DEPLOY FLOATING DEBRIS/SILT CURTAINS AS REQUIRED TO MEET THE REQUIREMENTS STIPULATED WITHIN THE REGULATORY PERMITS FOR WATER QUALITY COMPLIANCE; MAXIMUM TURBIDITY REQUIREMENTS (NTU). WATER QUALITY SHALL BE MONITORED IN ACCORDANCE WITH THE APPLICABLE REGULATORY PERMITS THROUGHOUT THE DURATION OF PROJECT WORK.
13. SNOW MANAGEMENT: UTILIZE SNOW BLOWERS, SNOWPLOWS, OR OTHER EQUIPMENT TO REMOVE SNOW ALONG THE ACCESS ROAD HAUL ROUTE OR MOVE SNOW TO LESS EROSION-SENSITIVE AREAS WITH PROPER DRAINAGE. REMOVE HEAVY SNOW ACCUMULATIONS FROM AROUND TEMPORARY STRUCTURES SUCH AS FLOW DIVERSION STRUCTURES TO MINIMIZE ICE JAMMING AND STRUCTURE FAILURE DURING FREEZE-THAW CYCLES. PLACE SNOW IN AREAS WHERE SOIL/COVER IS TEMPORARY OR PERMANENTLY STABILIZED AND SNOWMELT WILL HAVE A LESS SIGNIFICANT IMPACT. ENSURE APPROPRIATE CONTROLS ARE IN PLACE TO HANDLE SNOW-MELT RUNOFF. SNOW MANAGEMENT SHALL NOT IMPACT PRIVATE DRIVEWAY ACCESS.

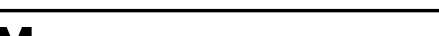


FOR BID

 1601 5th Avenue Suite 800 Seattle, Washington 98101 T +1 (425) 778 6243 W mottmac.com	 IDAHO DEPARTMENT OF WATER RESOURCES 322 Front Street Suite 648 P.O. Box 83720 Boise, Idaho 83702 P (208) 287-4800 F (208) 287-6700							<table border="1"> <tr> <td>Designed</td> <td>J. Dawson</td> <td></td> <td>Eng check</td> <td>S. Phillips</td> <td></td> </tr> <tr> <td>Drawn</td> <td>T. Morrison</td> <td></td> <td>Coordination</td> <td></td> <td></td> </tr> <tr> <td>Dwg check</td> <td>S. Phillips</td> <td></td> <td>Approved</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Scale at ANSI D</td> <td colspan="2">Status</td> <td>Rev</td> <td>Security</td> </tr> </table>			Designed	J. Dawson		Eng check	S. Phillips		Drawn	T. Morrison		Coordination			Dwg check	S. Phillips		Approved			Scale at ANSI D		Status		Rev	Security	Title Priest Lake Water Management Project Thorofare Navigation Improvements TESC Notes
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376997	10	17																																		
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LEGEND

PROPERTY BOUNDARY (APPROXIMATE)

A

ACCESS ROAD

OHW

ORDINARY HIGH WATER

LOC

PROJECT SITE LIMITS

SS

SEWER LINE

X

SAFETY FENCING

X

SILT FENCING

W

WATER

EXISTING CONTOURS

STAGING AREA

CONSTRUCTION ENTRANCE

STONE BREAKWATER

FILL ZONE

PLACEMENT AREA

DREDGE AREA

CURRENT DIRECTION

NAVIGATION AID BUOYS (BY OTHERS)

TABLE 1 - DREDGING WORKING POINTS [D-#]		
POINT ID	NORTHING	EASTING
D-1	2580864.4919	2359651.5090
D-2	2580864.4919	2361092.9730
D-3	2580820.2877	2361296.4621

TABLE 2 - BREAKWATER WORKING POINTS [B-#]		
POINT ID	NORTHING	EASTING
B-1	2580743.0437	2359494.9448
B-2	2580715.2031	2359747.7176
B-3	2580724.1445	2359868.6929
B-4	2580724.1336	2360967.8420
B-5	2580693.6255	2360996.8604
B-6	2580652.2241	2361036.2401

NOTES

- SURVEY BASE MAP: SEE SHEETS 2 AND 3 FOR SURVEY INFORMATION. ALL ELEVATIONS ARE IN FEET RELATIVE TO LAKE DATUM.
- DREDGING AND BREAKWATER CENTERLINE LOCATION POINTS SHOWN IN TABLES 1 AND 2.
- FILL REMNANT CHANNEL DEPRESSIONS (GREATER THAN 2 FT IN DEPTH) UP TO MATCH ADJACENT LAKE BED GRADES TO PROVIDE A UNIFORM AND LEVEL BOTTOM SURFACE WITHIN 100 FT OF THE BREAKWATER OR THOSE AREAS SHOWN HATCHED.
- UPSTREAM LIMIT OF DREDGING TO BE VERIFIED AND ADJUSTED BASED ON RESULTS OF PRECONSTRUCTION SURVEY.
- STATION 15+17 OF BREAKWATER REPRESENTS THE END OF BREAKWATER CREST SURFACE, TRANSITION SLOPE TO LAKE BED SHALL BE 2H:1V.

GENERAL PLAN

0

60

120

SCALE IN FEET

FOR BID

M

M

MOTT

MACDONALD

1601 5th Avenue

Suite 800

Seattle, Washington 98101

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W mottmac.com

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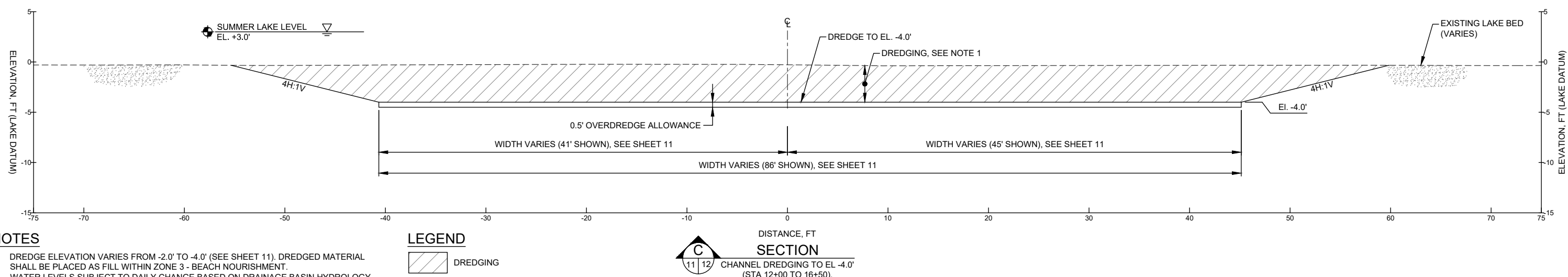
Project Number	B/O	Total
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Priest Lake Water
Management Project
Thorofare Navigation Improvements

Overall Site Plan - Proposed Work

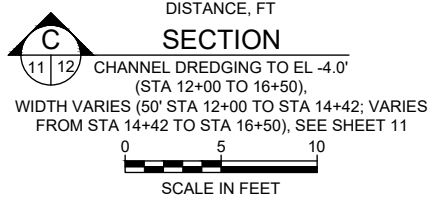
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1. DREDGE ELEVATION VARIES FROM -2.0' TO -4.0' (SEE SHEET 11). DREDGED MATERIAL SHALL BE PLACED AS FILL WITHIN ZONE 3 - BEACH NOURISHMENT.
2. WATER LEVELS SUBJECT TO DAILY CHANGE BASED ON DRAINAGE BASIN HYDROLOGY CONDITIONS, SEE APPENDICES AND LAKE WATER LEVEL INFORMATION ON SHEET 2.
3. EXISTING LAKE BED LEVEL VARIES, SEE SHEET 11. FINAL QUANTITIES TO BE BASED ON PRE-CONSTRUCTION SURVEY.
4. WATER LEVELS IN THOROFARE MAY BE HIGHER THAN ADJACENT LAKE DEPENDING ON DISCHARGE FLOW CONDITIONS IN THOROFARE.

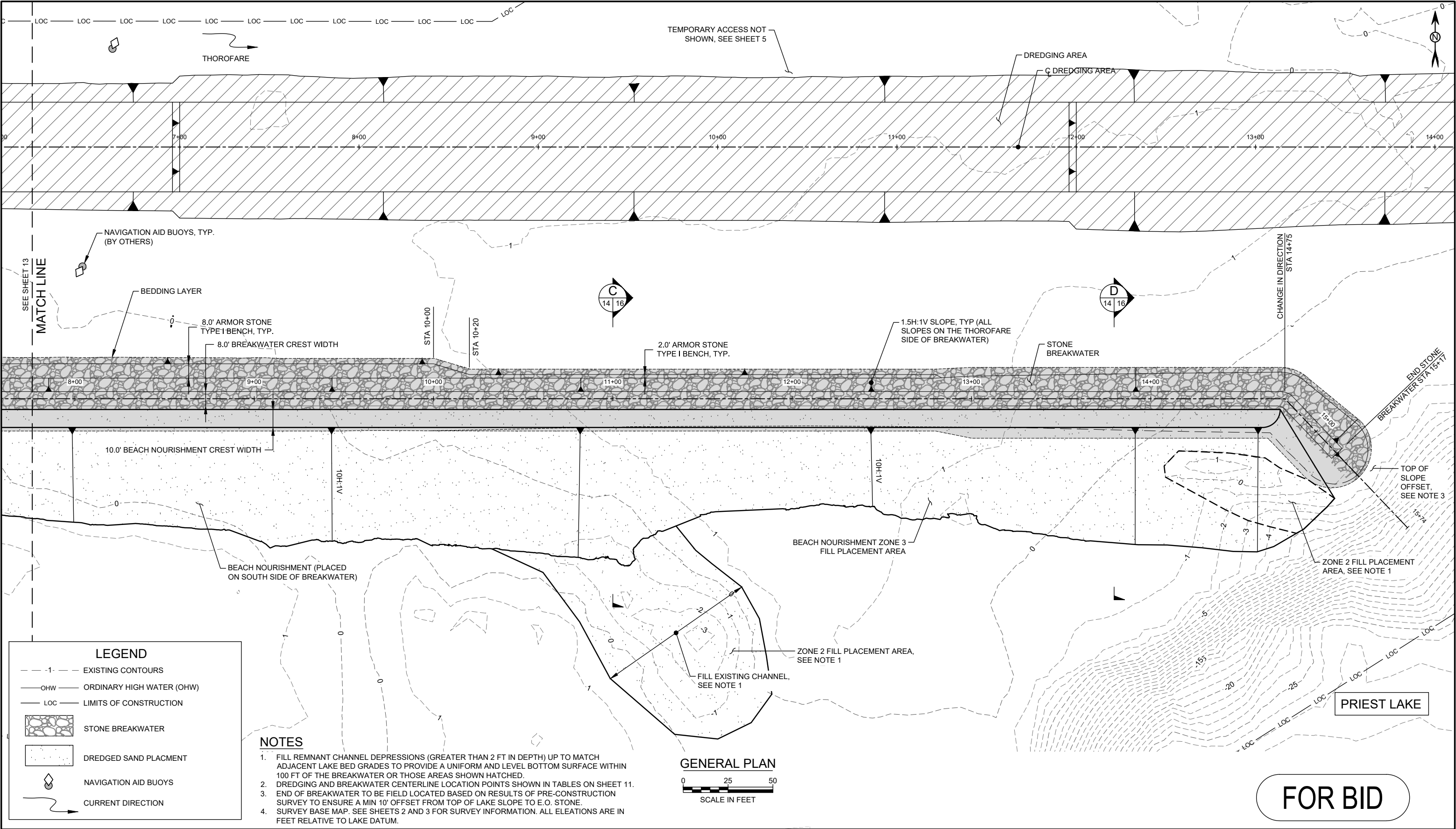


DREDGING

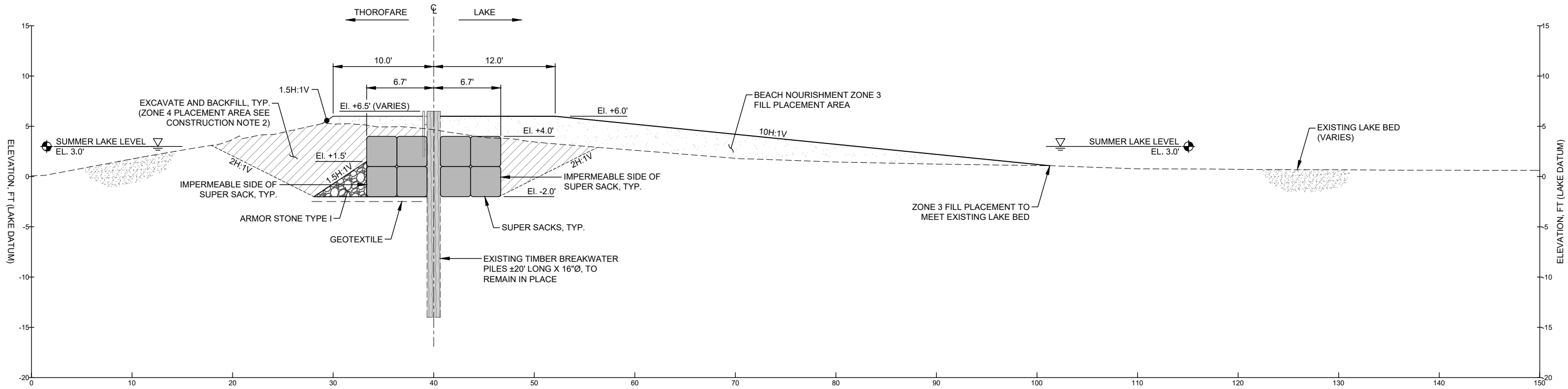


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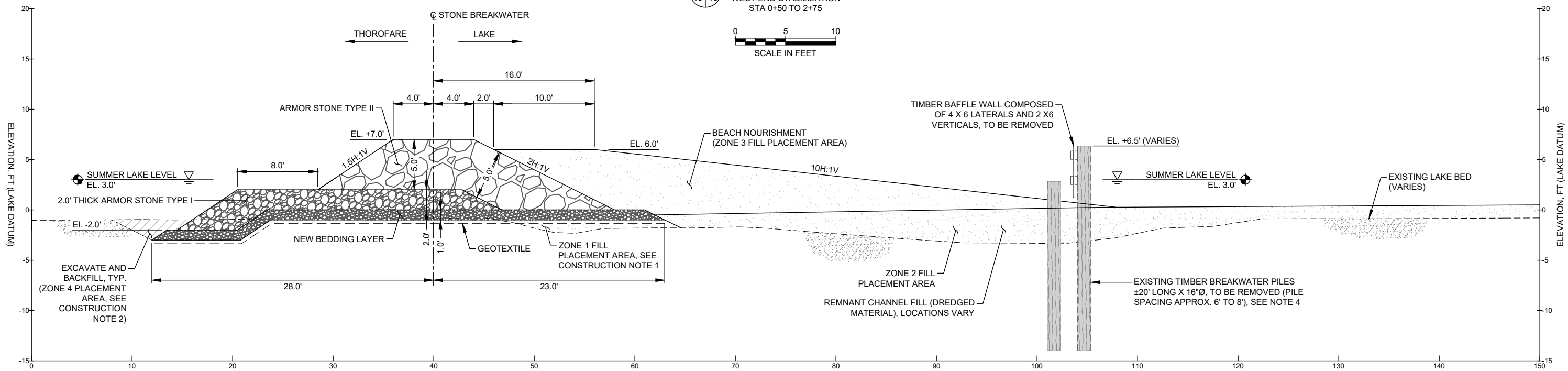
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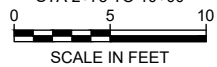
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SECTION A
WEST END STABILIZATION
STA 0+50 TO 2+75



SECTION B
STONE BREAKWATER
STA 2+75 TO 10+00



LEGEND

	BEACH NOURISHMENT (ZONES 1, 2 AND 3)		GEOTEXTILE
	ARMOR STONE TYPE I		BEDDING STONE
	ARMOR STONE TYPE II		BACKFILL (ZONE 4)

CONSTRUCTION NOTES

1. AREA AND QUANTITY OF ZONE 1 FILL WILL VARY BASED UPON THE DYNAMIC CONDITIONS OF THE SITE. PLACEMENT VOLUME SHALL BE CONFIRMED WITH PRECONSTRUCTION SURVEY.
2. BACKFILL WITH EXCAVATED MATERIALS AGAINST TEMPLATE OF INSTALLED STRUCTURES IS CONSIDERED ZONE 4 FILL.
3. WATER LEVELS SUBJECT TO DAILY CHANGE BASED ON DRAINAGE BASIN HYDROLOGIC CONDITIONS, SEE APPENDICES AND LAKE WATER LEVEL INFORMATION ON SHEET 3.
4. EXISTING TIMBER BREAKWATER DEMOLITION INCLUDES TWO LINES OF PILES FULL LENGTH AND THREE LINES OF PILES IN AREA B, SEE SHEET 2.

FOR BID

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MOTT
MACDONALD

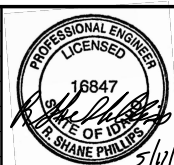
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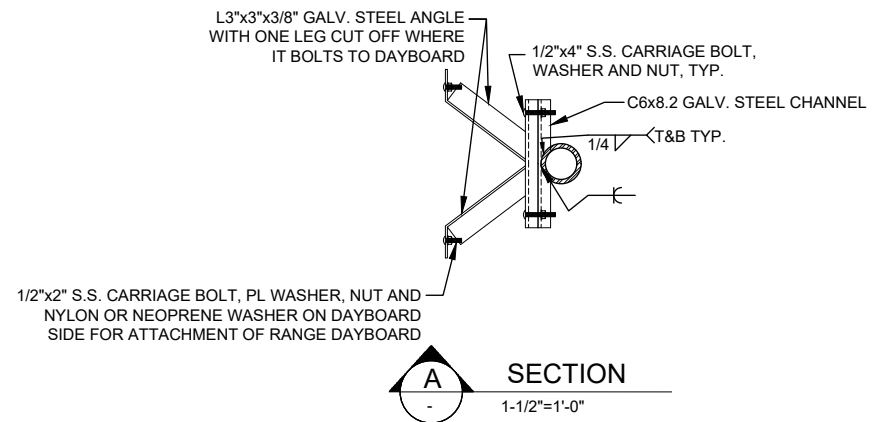


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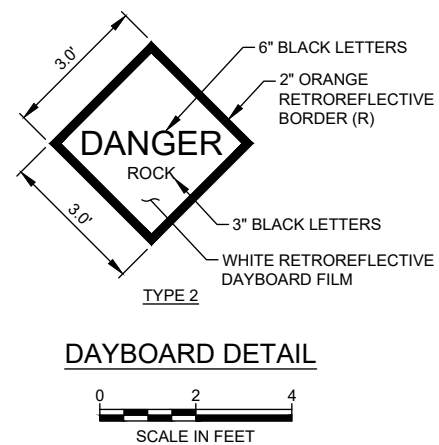
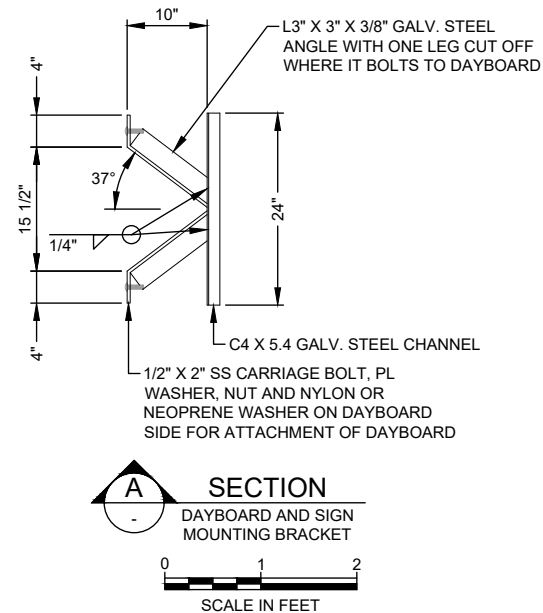
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Title
Priest Lake Water Management Project
Thorofare Navigation Improvements

Breakwater Sections 1



GENERAL NOTES



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