

HALLER BRIDGE PIER REPAIR

SECTION 2, T. 31 N., R. 5 E. W.M.

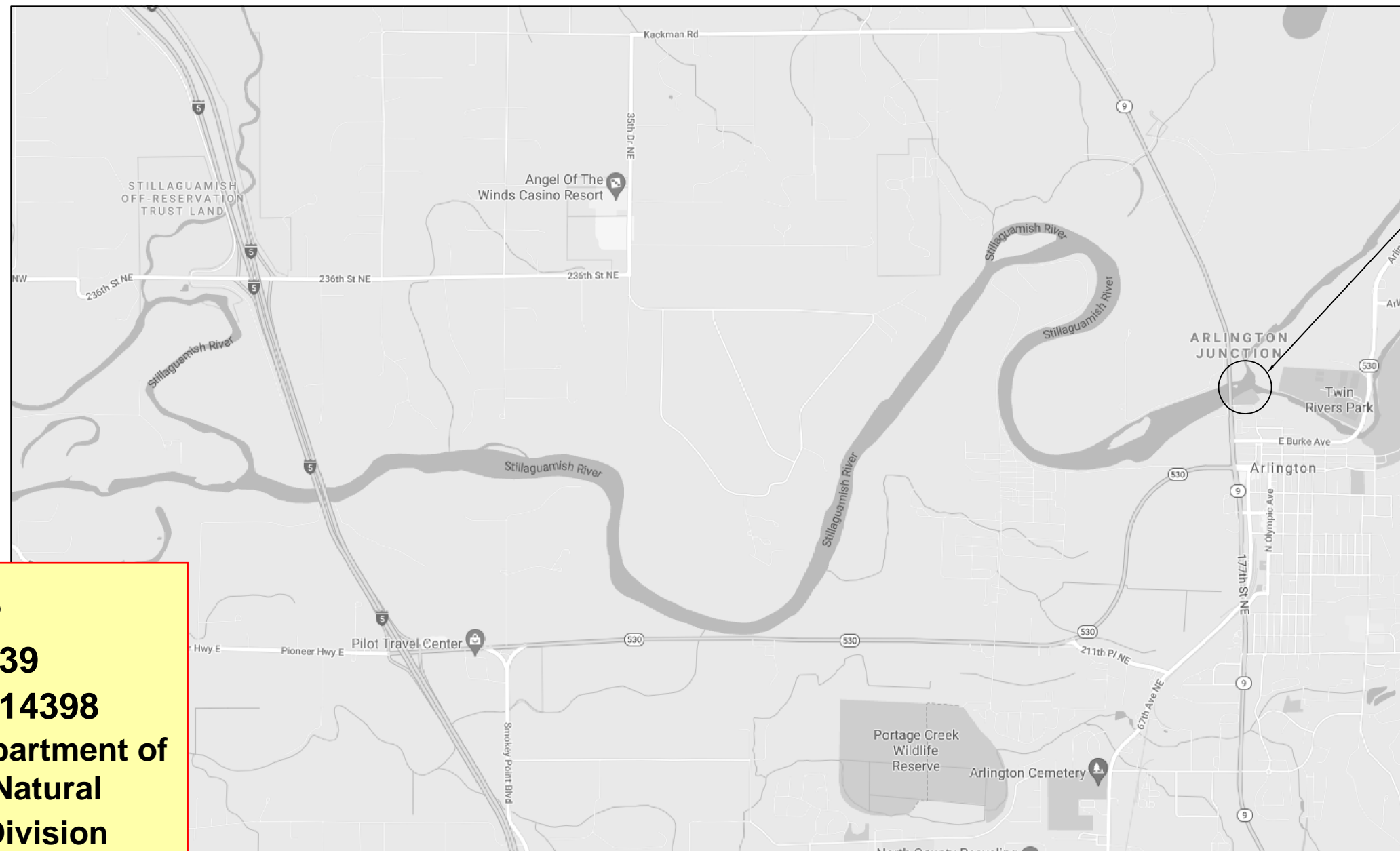


EXHIBIT B

ICN: 1-31-16939

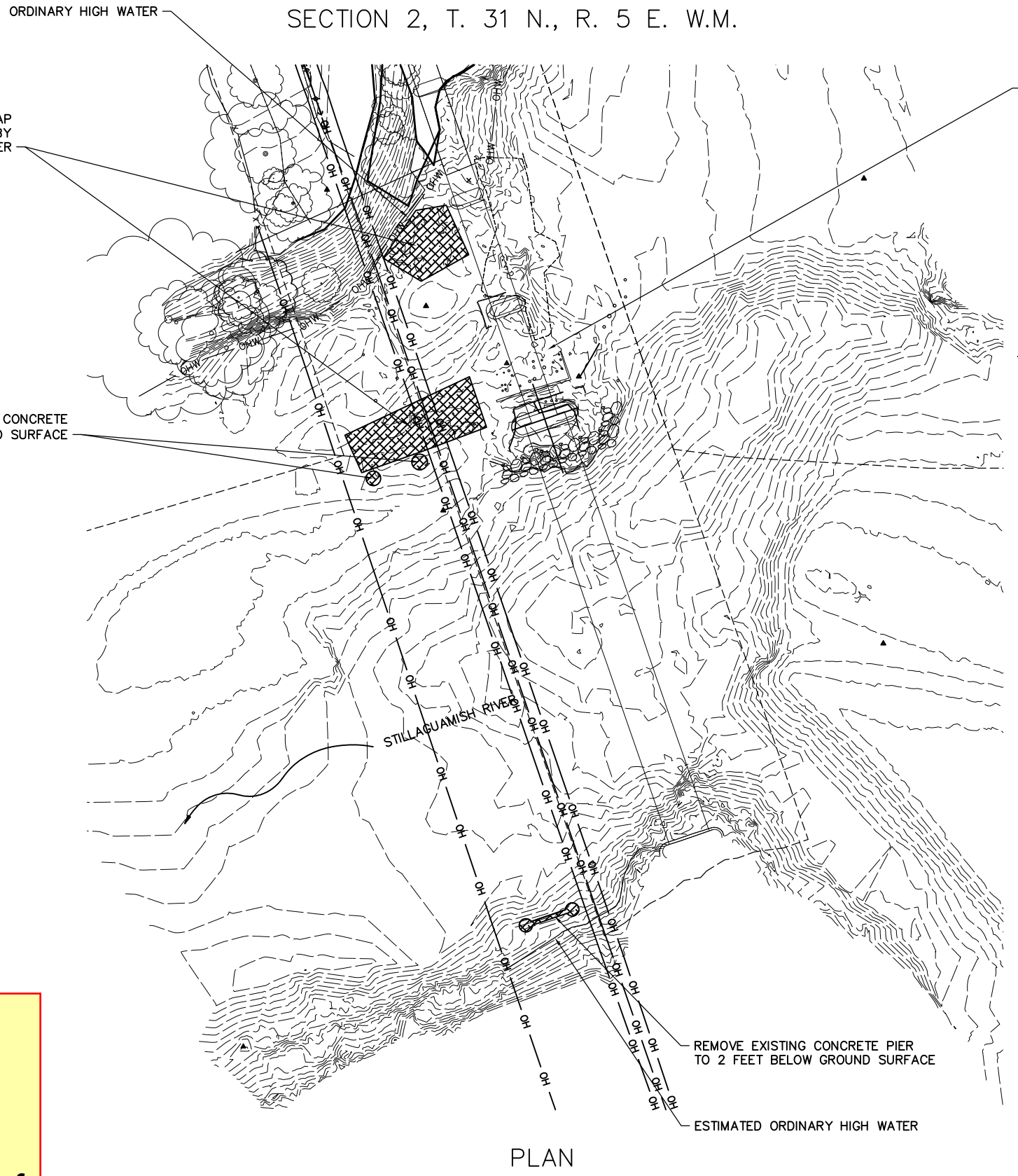
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Page 1 of 19

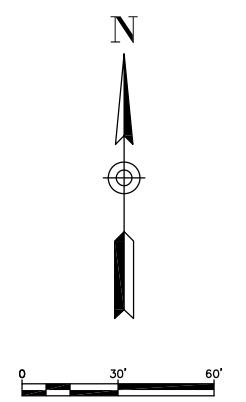
VICINITY MAP

EXHIBIT B
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LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 2 of 19



SECTION 2, T. 31 N., R. 5 E. W.M.

PRIOR TO MOVING ANY LARGE WOOD DEBRIS IN THE RIVER, THREE DAYS NOTICE SHALL BE GIVEN TO THE ENGINEER SO THAT THEY CAN NOTIFY THE WDFW AND LOCAL TRIBES TO ALLOW REPRESENTATIVES TO BE ON SITE DURING WOOD CLEARING WORK. LARGE WOODY MATERIAL WILL BE MOVED INTACT, UNCUT PIECES WHEN PRACTICABLE. CUTTING OF LARGE WOODY MATERIAL SHALL OCCUR ONLY WHERE NECESSARY TO CONDUCT PIER REPAIR WORK. ALL LARGE WOODY MATERIAL CURRENTLY BELOW THE OHWM SHALL REMAIN WITHIN THE RIVER AND BE PLACED JUST DOWNSTREAM OF THE PROJECT.



NOTES
 VOIDS CREATED BY REMOVAL OF CONCRETE OR RIPRAP SHALL BE FILLED WITH STREAMBED SEDIMENT THAT MEETS WSDOT STANDARD SPECIFICATION 9-03.11(1).

PLAN

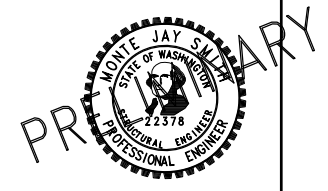
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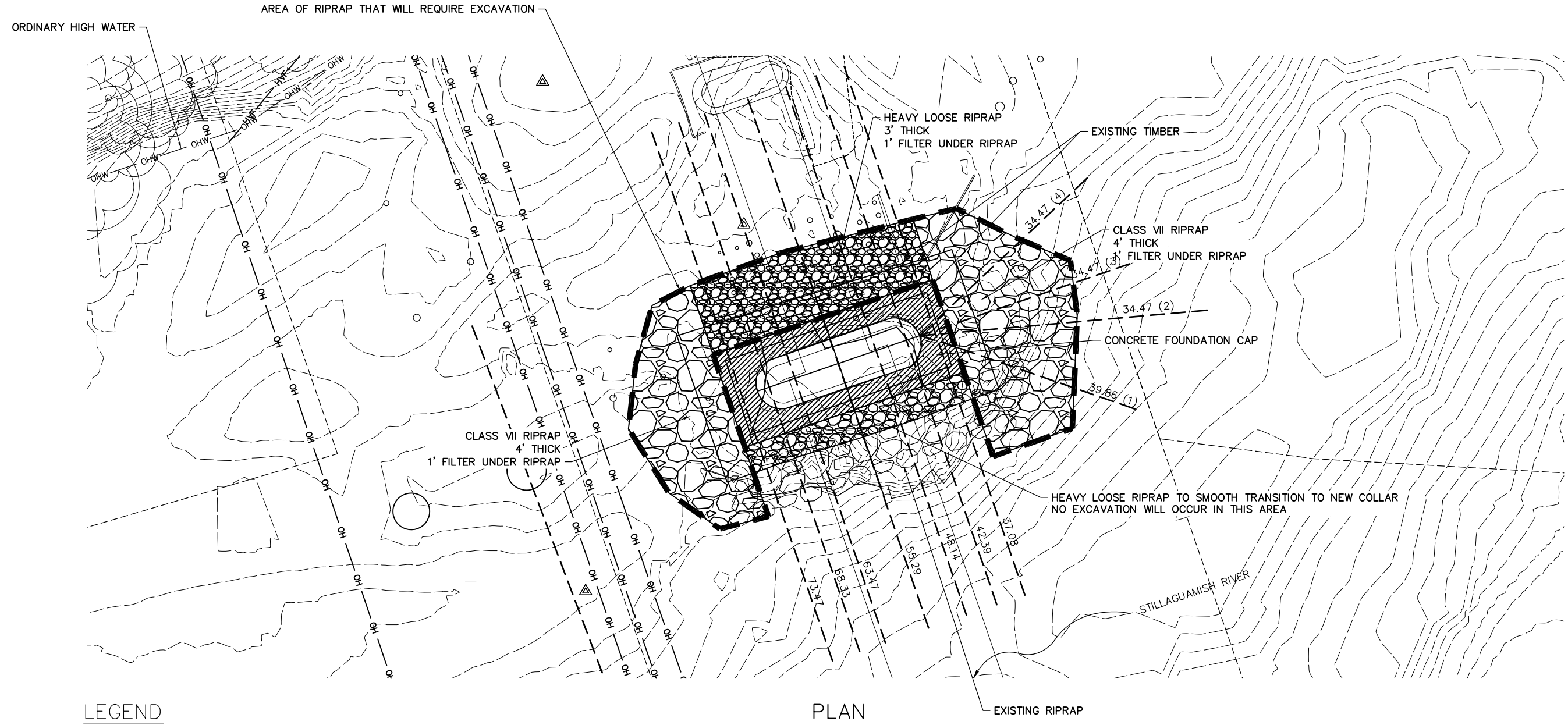
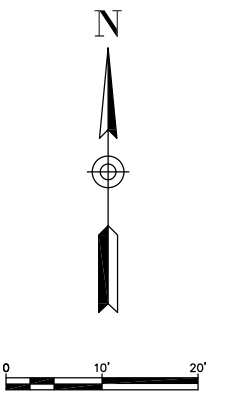
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HALLER BRIDGE
 PIER REPAIR
 DEMOLITION PLAN

REFERENCE SHEET NO.
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SHEET 2 OF SHEETS



SECTION 2, T. 31 N., R. 5 E. W.M.



PLAN

LEGEND

- CLASS VII RIPRAP
- HEAVY LOOSE RIPRAP
- CONCRETE FOUNDATION CAP

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LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
Page 3 of 19

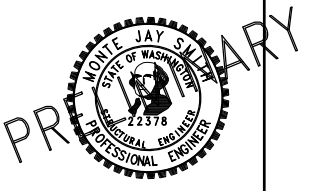
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HALLER BRIDGE
 PIER REPAIR
 PIER REPAIR PLAN

REFERENCE SHEET NO.
 SHEET 3 OF SHEETS



PROPRIETARY

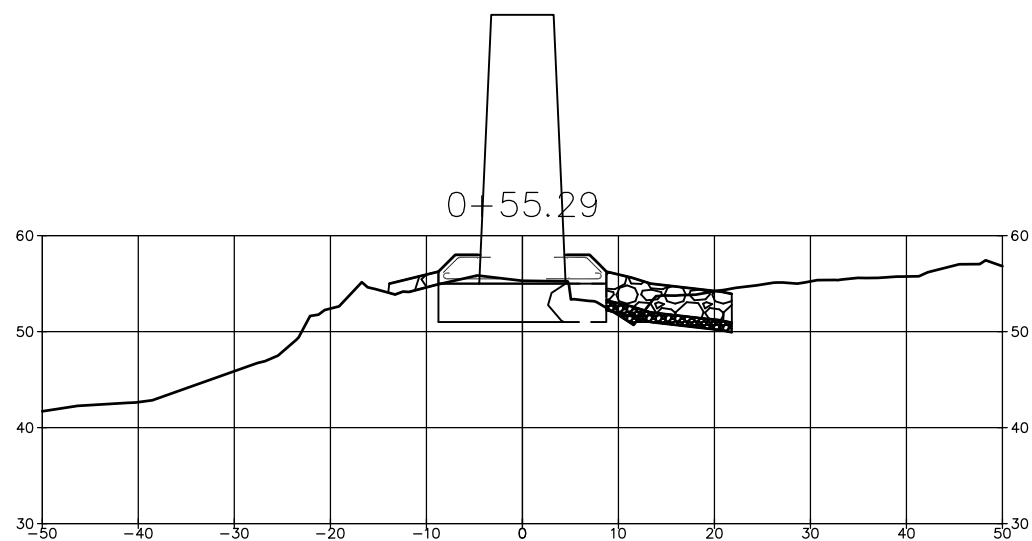
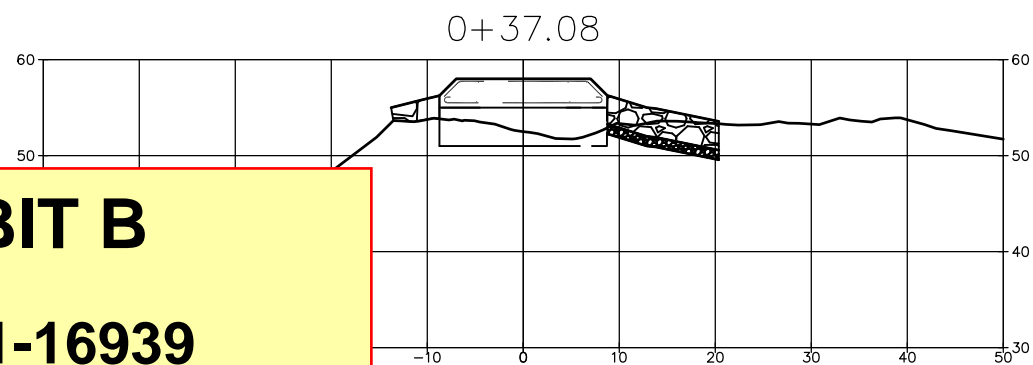
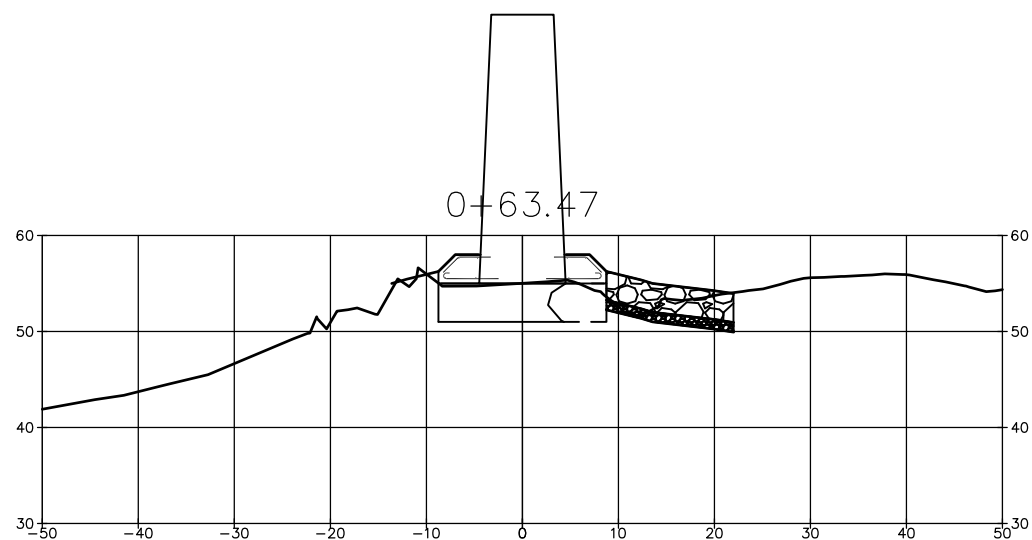
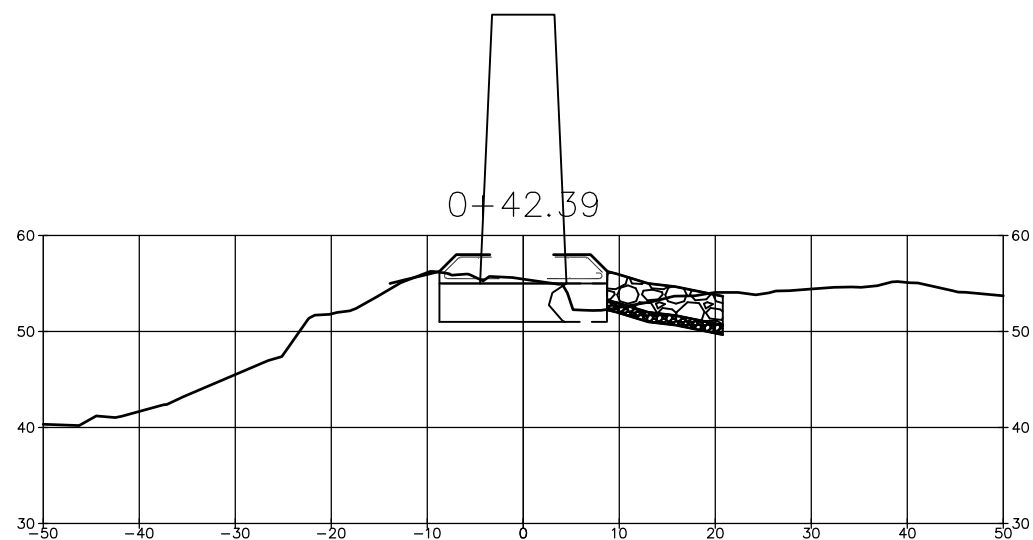
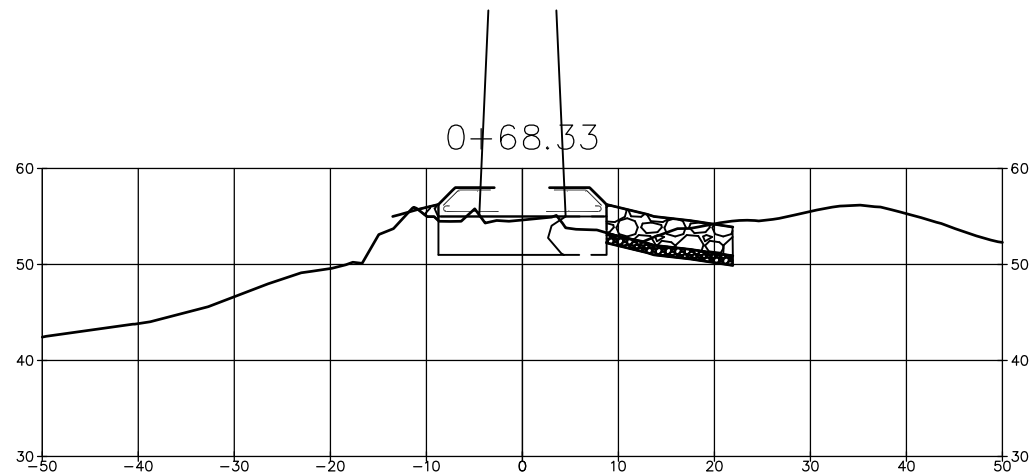
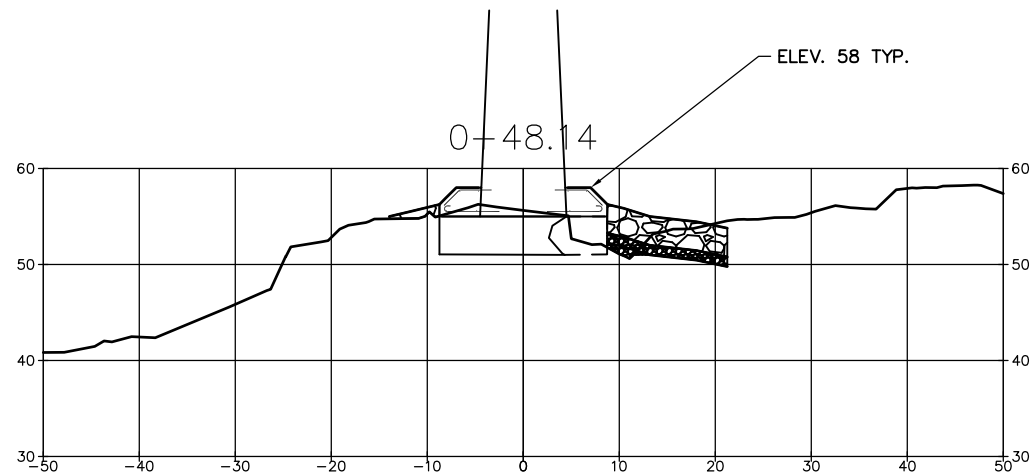


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Snohomish County Department of Conservation and Natural Resources/ Parks Division
Page 4 of 19

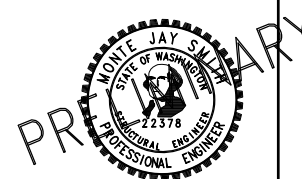
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HALLER BRIDGE
 PIER REPAIR
 FOOTING SECTIONS

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 SHEET 4 OF SHEETS



PROBATIONARY

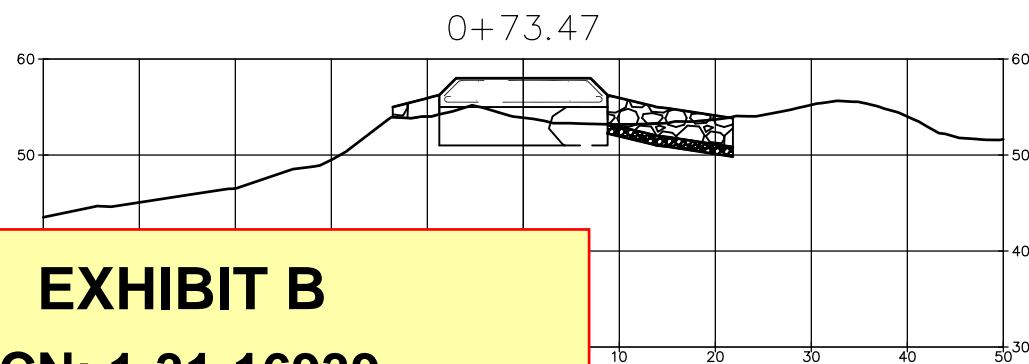
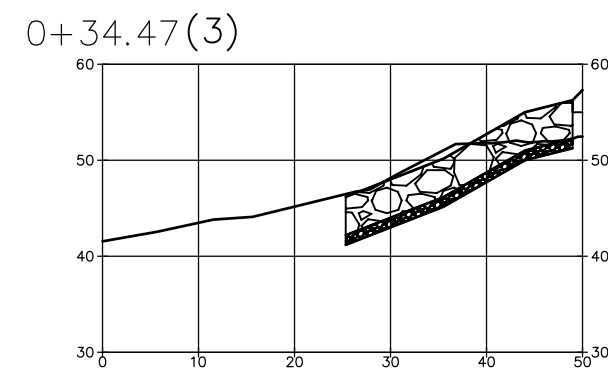
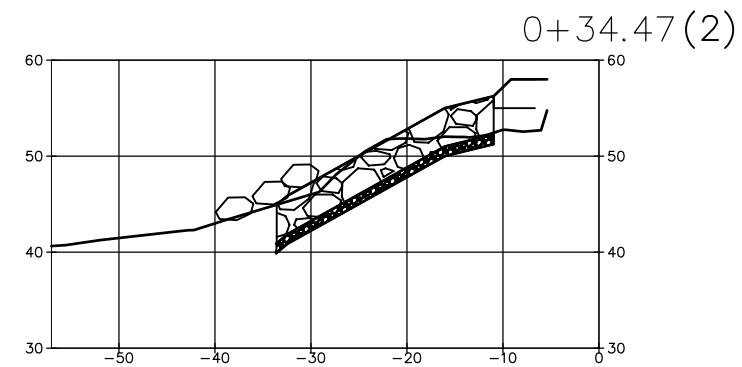
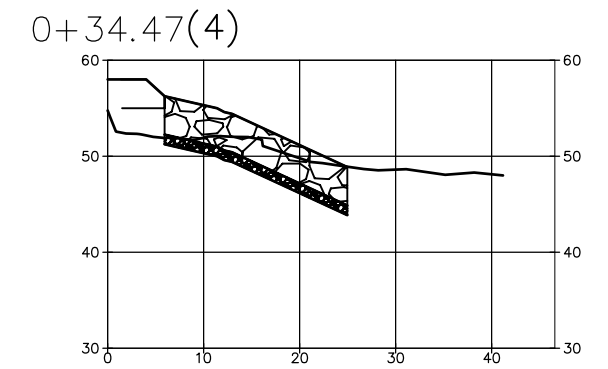
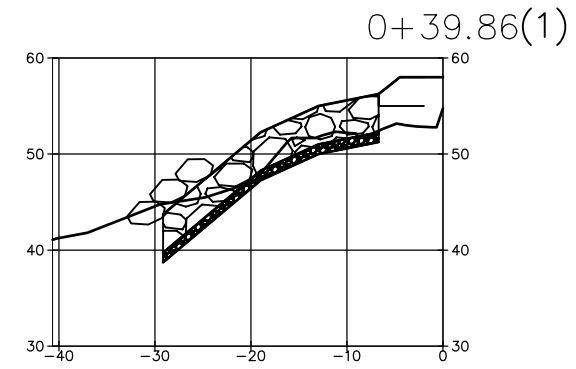


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Snohomish County Department of Conservation and Natural Resources/ Parks Division
Page 5 of 19

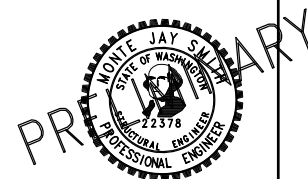
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HALLER BRIDGE
 PIER REPAIR
 FOOTING SECTIONS 2

REFERENCE SHEET NO.
.
SHEET 5 OF SHEETS



PRIMARY

SECTION 2, T. 31 N., R. 5 E. W.M.



WORK ACCESS NOTES

THE WORK ACCESS THAT IS SHOWN IS CONCEPTUAL. IT IS UP TO THE CONTRACTOR TO LAYOUT THEIR OWN WORK ACCESS. THE WORK ACCESS SHALL MEET THE FOLLOWING CRITERIA:

THE WORK ACCESS SHALL NOT IMPACT THE EXISTING UTILITY POLES.

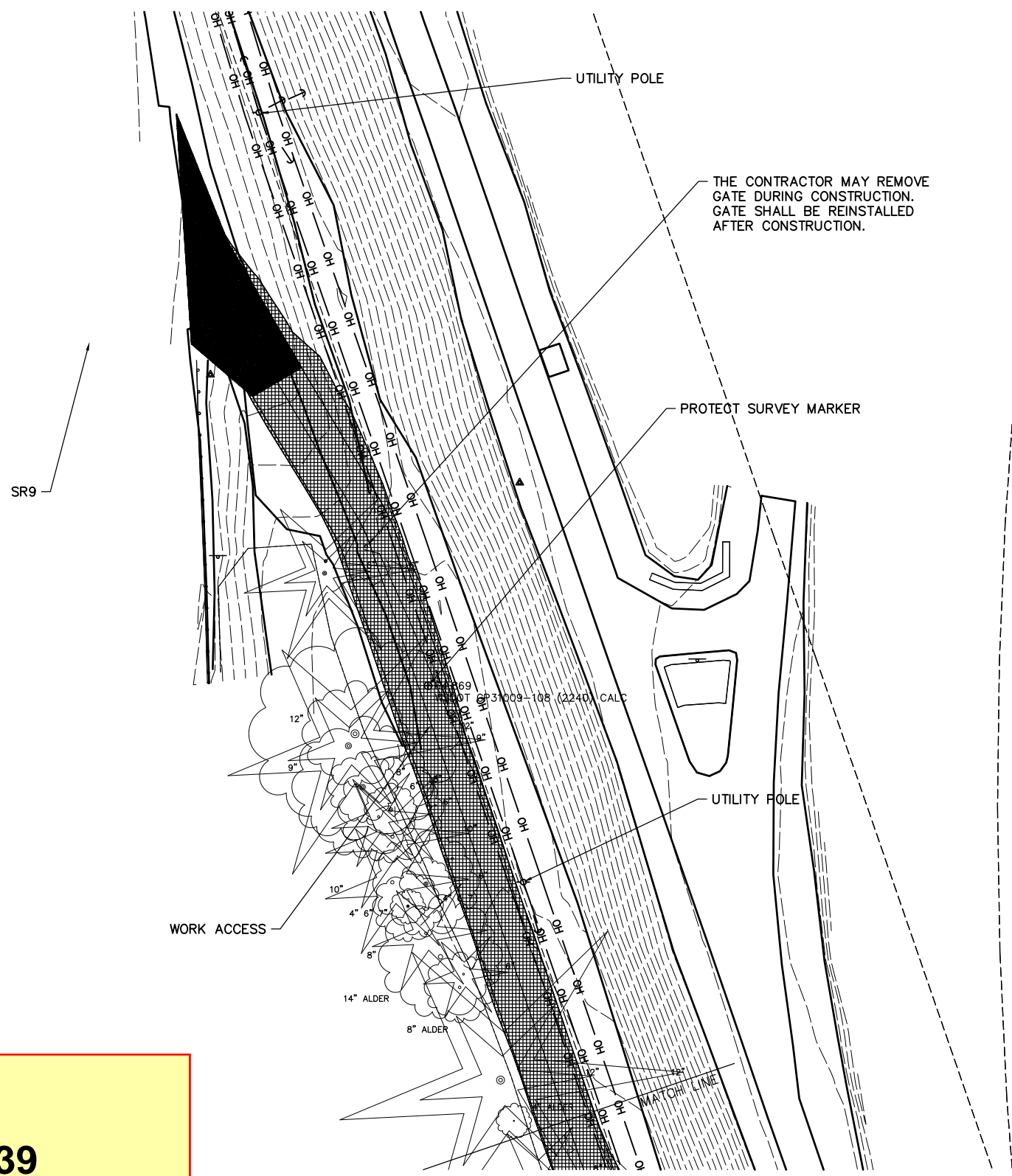
THE WORK ACCESS SHALL NOT IMPACT ANY MORE TREES THAN ARE SHOWN.

THE WORK ACCESS SHALL NOT IMPACT THE ADJOINING PROPERTY OWNERS.

THE WORK ACCESS IS TEMPORARY. IT SHALL BE CONSTRUCTED BY PLACING A GEOSYNTHETIC ON THE EXISTING UNDISTURBED GROUND AND THEN PLACING 6" OF HOG FUEL ON TOP OF THAT FOR THE WORKING SURFACE.

THE FILL USED IN THE STREAM SHALL BE WASHED ROCK FREE OF DEBRIS PLACED ON A GEOSYNTHETIC.

TREES ARE WOODY VEGETATION WITH A TRUNK DIAMETER OF 4" OR GREATER. NO TREES WILL BE REMOVED UNLESS SPECIFIED ON THESE PLANS.



PLAN

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 6 of 19

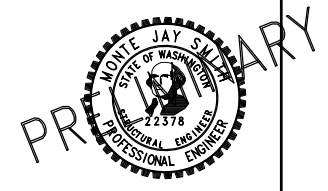
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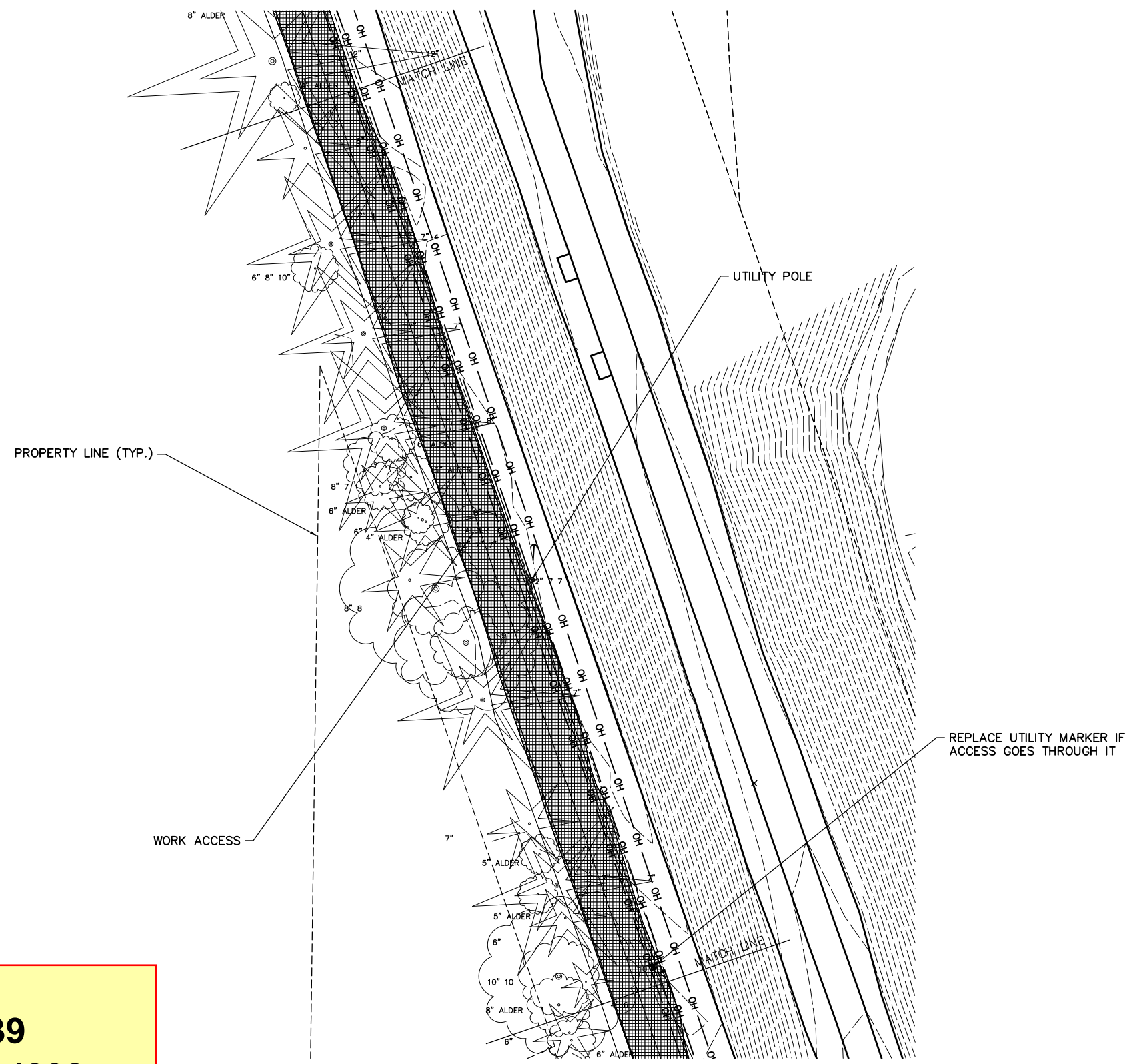
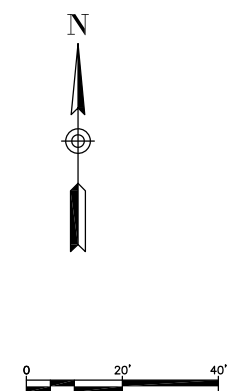
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HALLER BRIDGE
 PIER REPAIR
 SUGGESTED WORK ACCESS 1

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SHEET 6 OF SHEETS



SECTION 2, T. 31 N., R. 5 E. W.M.



PLAN

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Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 7 of 19

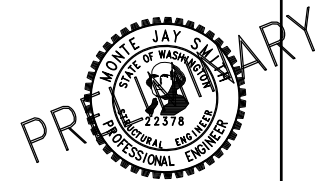
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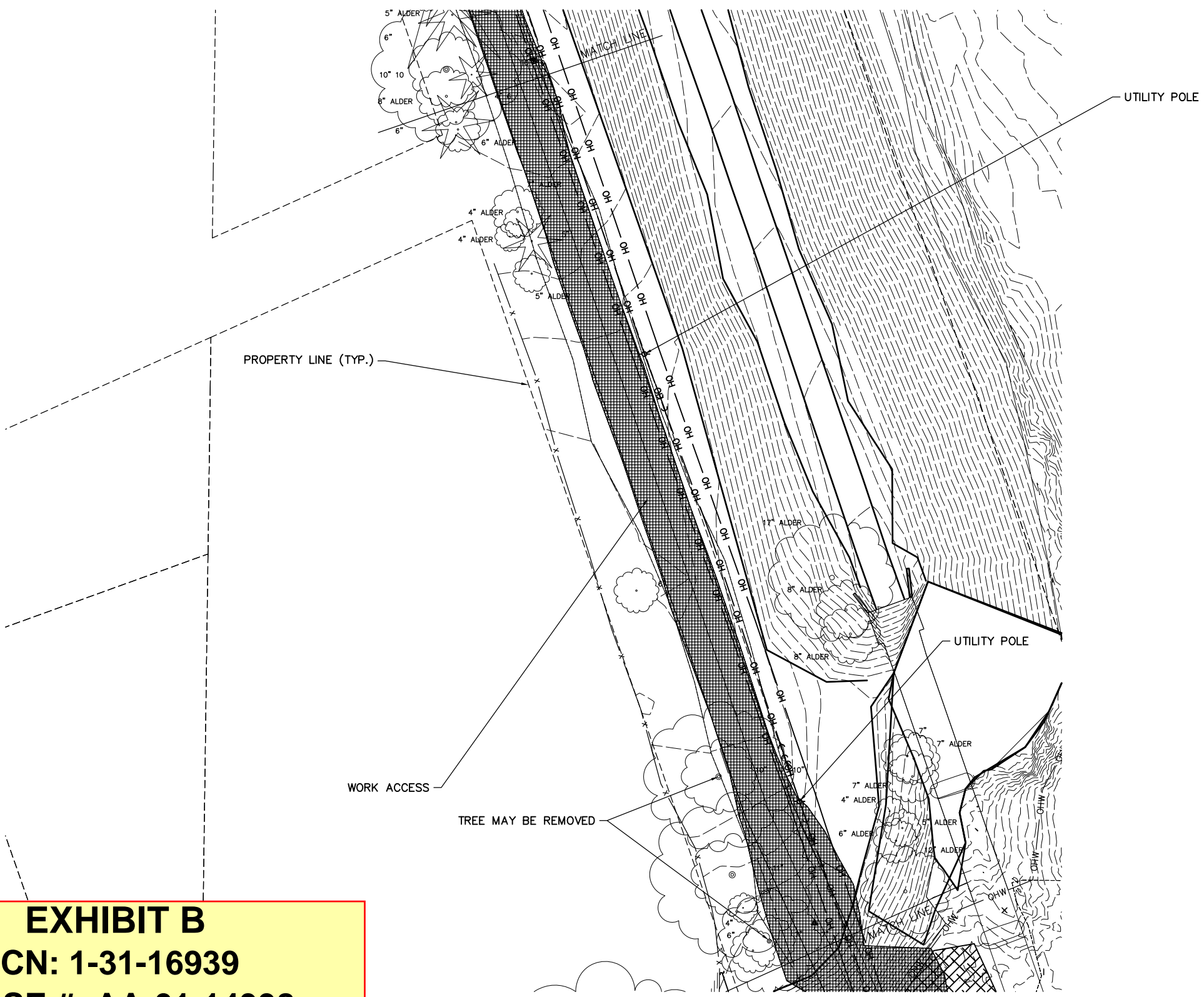
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PROBATIONARY

SECTION 2, T. 31 N., R. 5 E. W.M.



PROPERTY LINE (TYP.)

UTILITY POLE

UTILITY POLE

WORK ACCESS

TREE MAY BE REMOVED

PLAN

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 8 of 19

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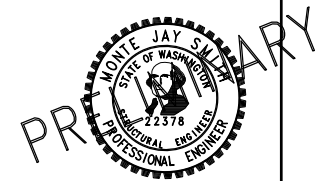
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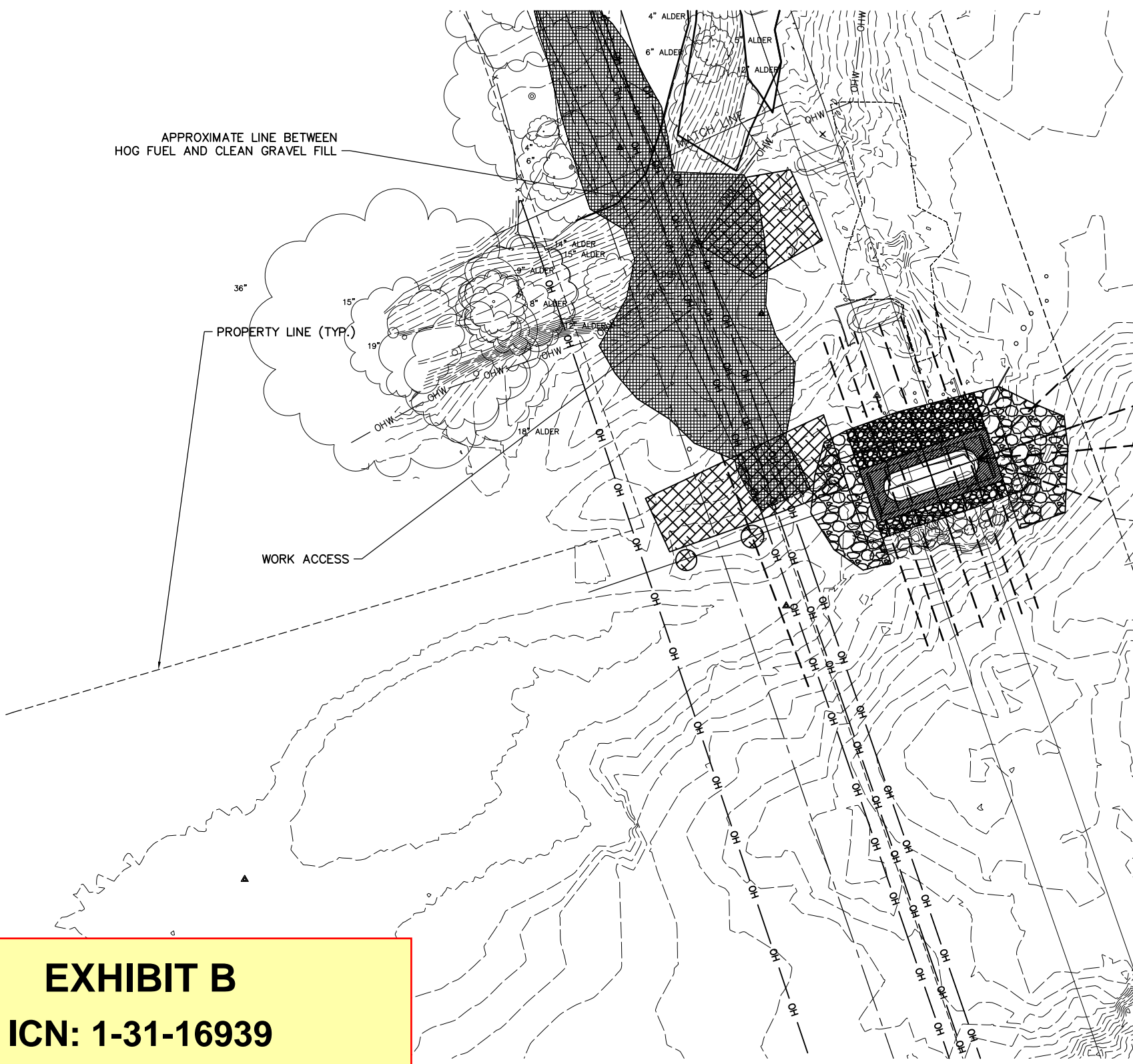
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SHEET	8
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SECTION 2, T. 31 N., R. 5 E. W.M.



PLAN

EXHIBIT B
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LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 9 of 19

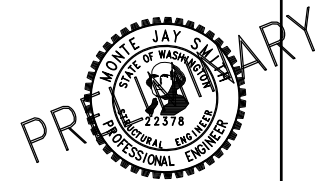
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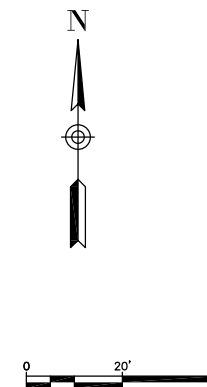
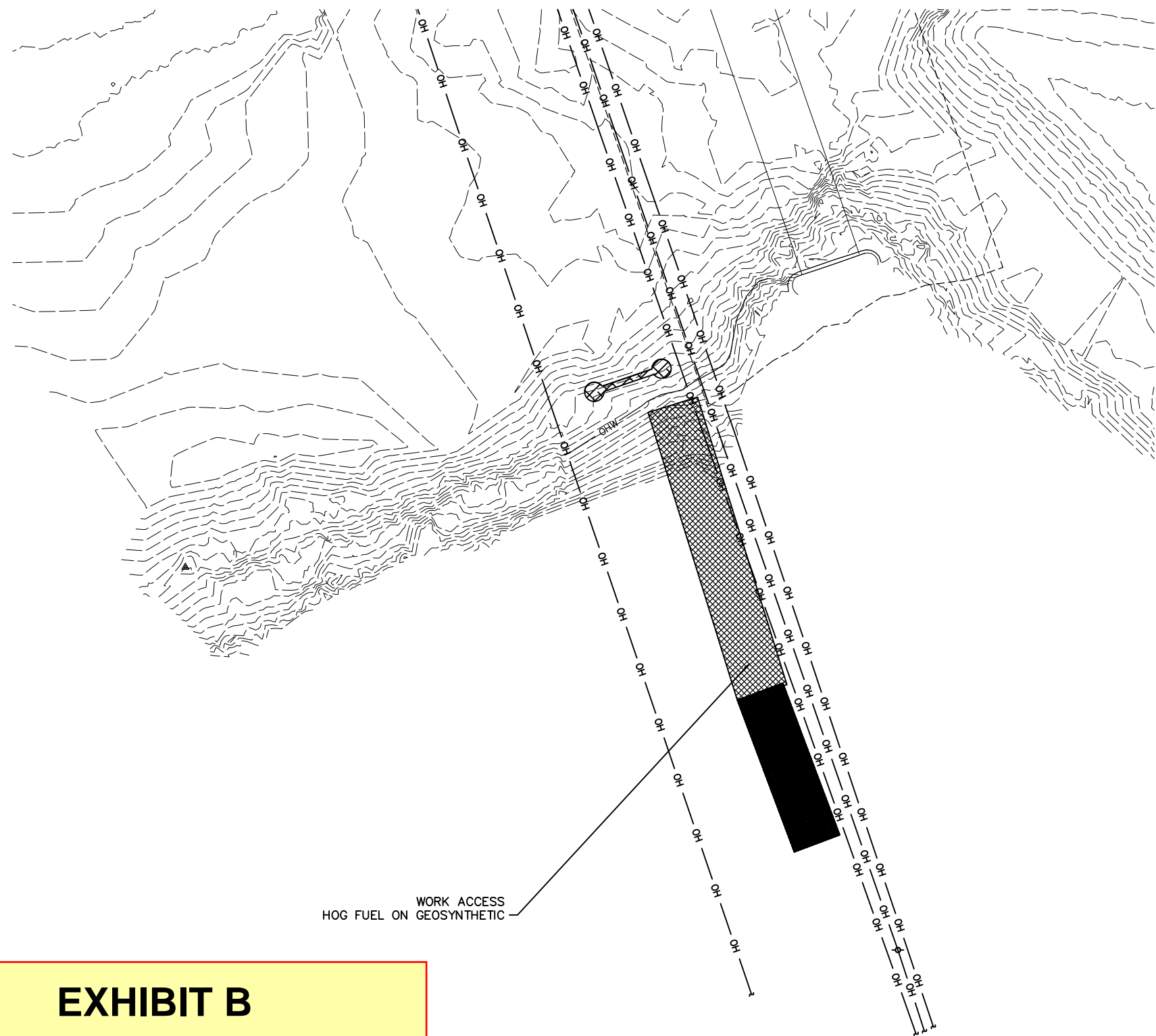
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 PIER REPAIR
 SUGGESTED WORK ACCESS 4

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SHEET 9 OF SHEETS	.



PROBARY

SECTION 2, T. 31 N., R. 5 E. W.M.



WORK ACCESS
HOG FUEL ON GEOSYNTHETIC

PLAN

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ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 10 of 19

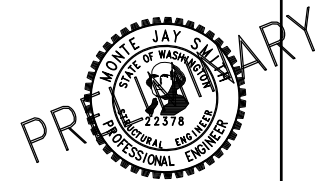
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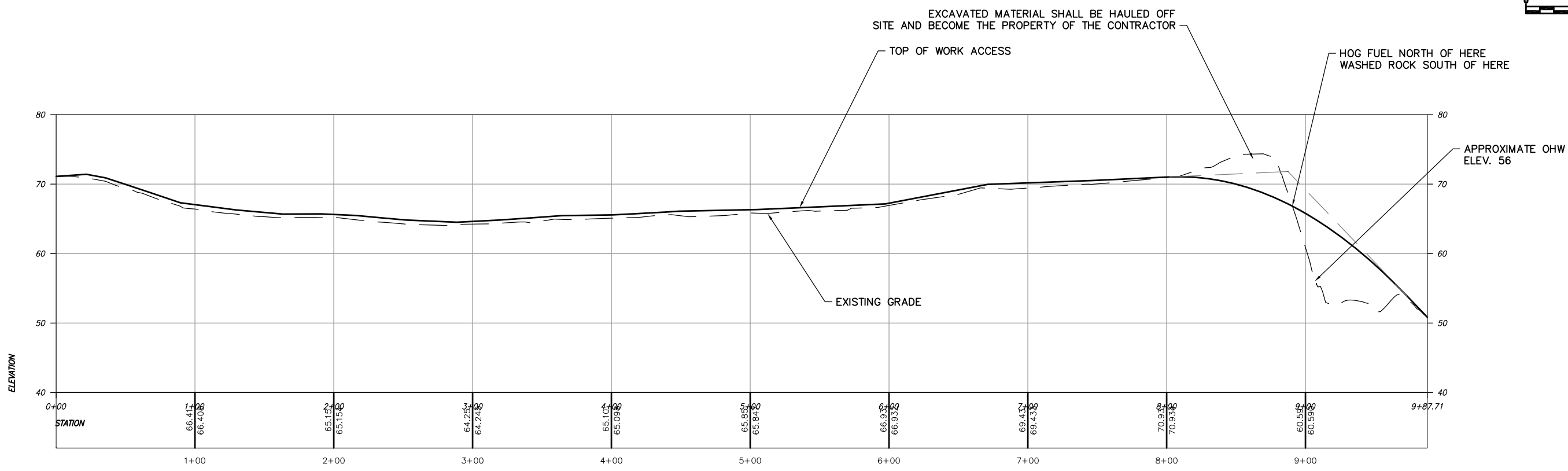
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 PIER REPAIR
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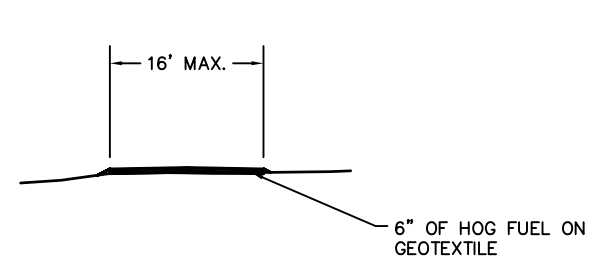
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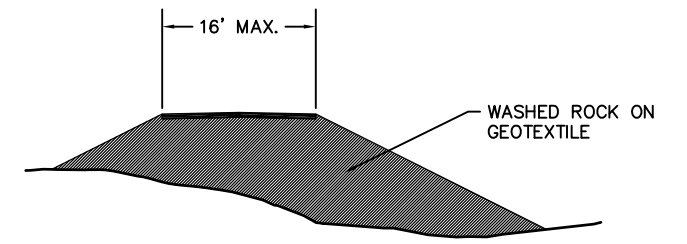
PROBATIONARY



PROFILE



SECTION OUTSIDE RIVER CHANNEL



SECTION IN RIVER CHANNEL

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LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 11 of 19

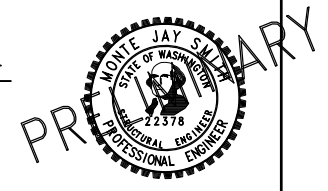
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HALLER BRIDGE
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 PROFILE
 SUGGESTED WORK ACCESS

REFERENCE SHEET NO.	.
SHEET	11
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SHEETS	.



PROBATIONARY

TESC NOTES

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 AND VEGETATION/LANDSCAPING IS ESTABLISHED.

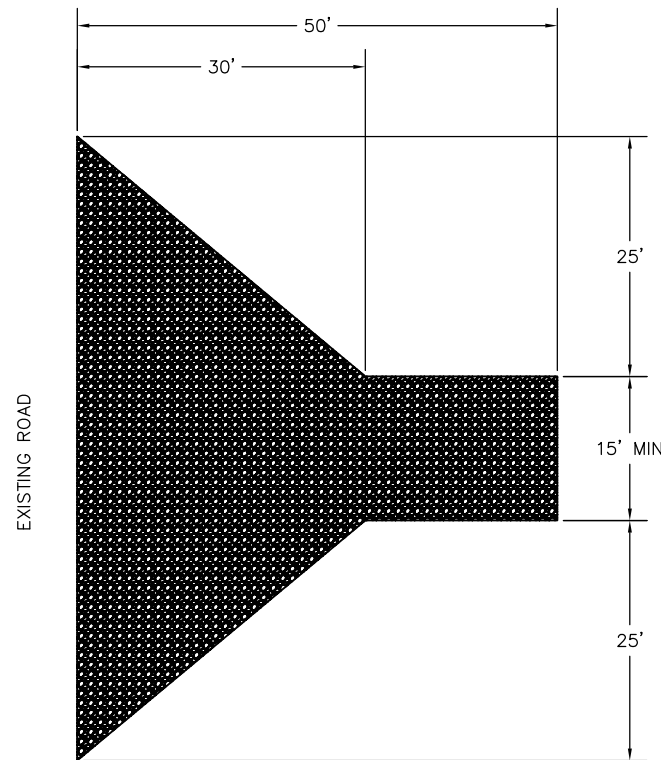
THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.

THE TESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.

THE TESC FACILITIES SHOWN ON THIS PLAN 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 TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.

THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A MAJOR STORM EVENT.

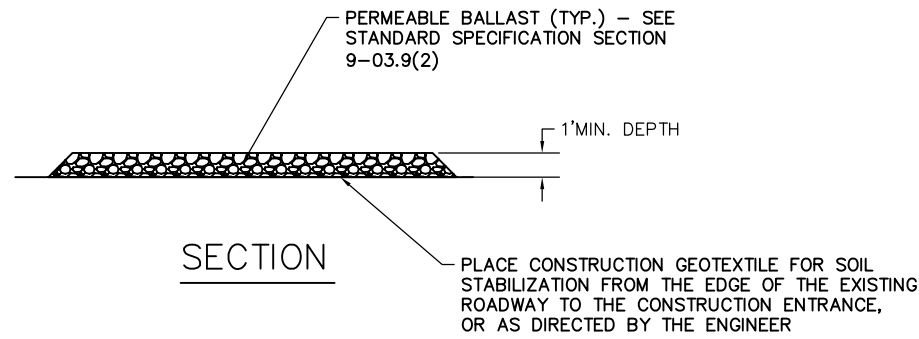
STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.



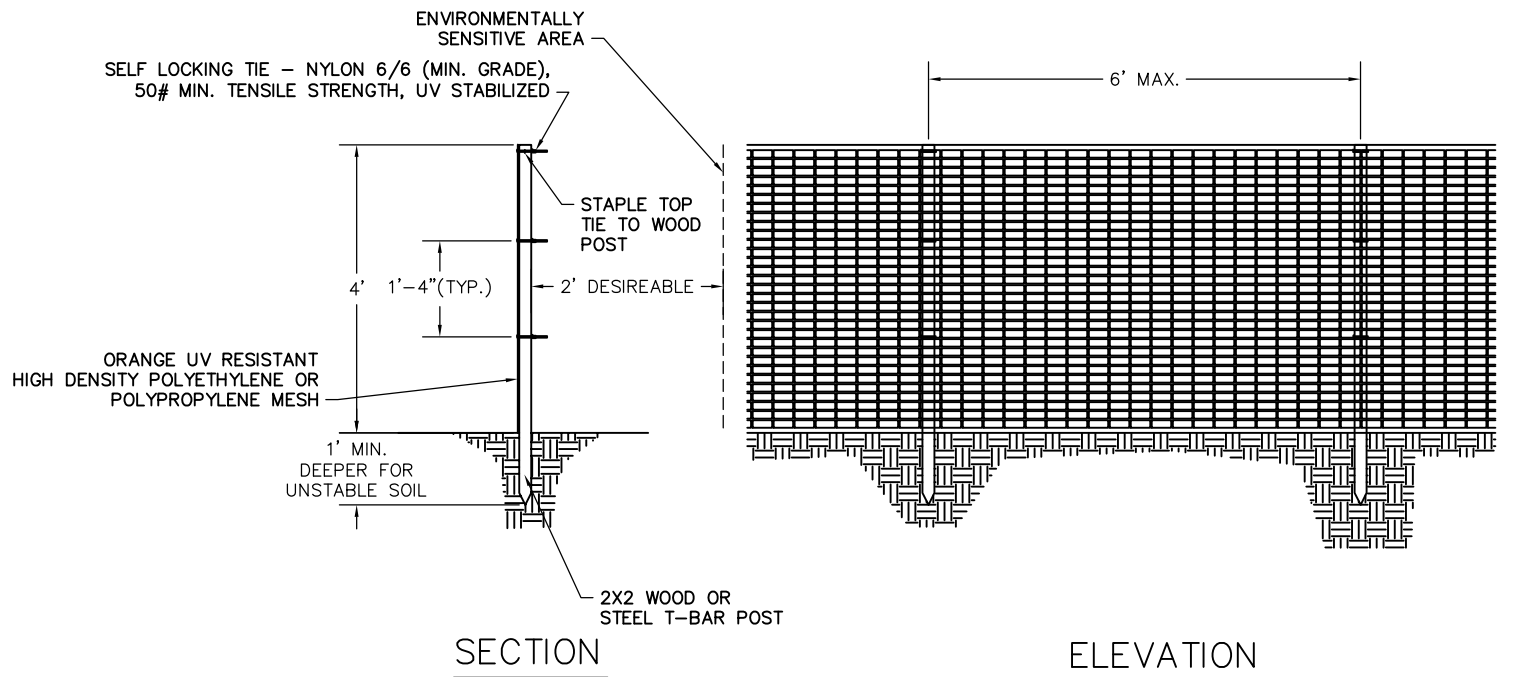
PLAN

STABILIZED CONSTRUCTION ENTRANCE

STABILIZED CONSTRUCTION ENTRANCE SHALL MEET THE REQUIREMENTS OF SECTION 8-01.3(7).



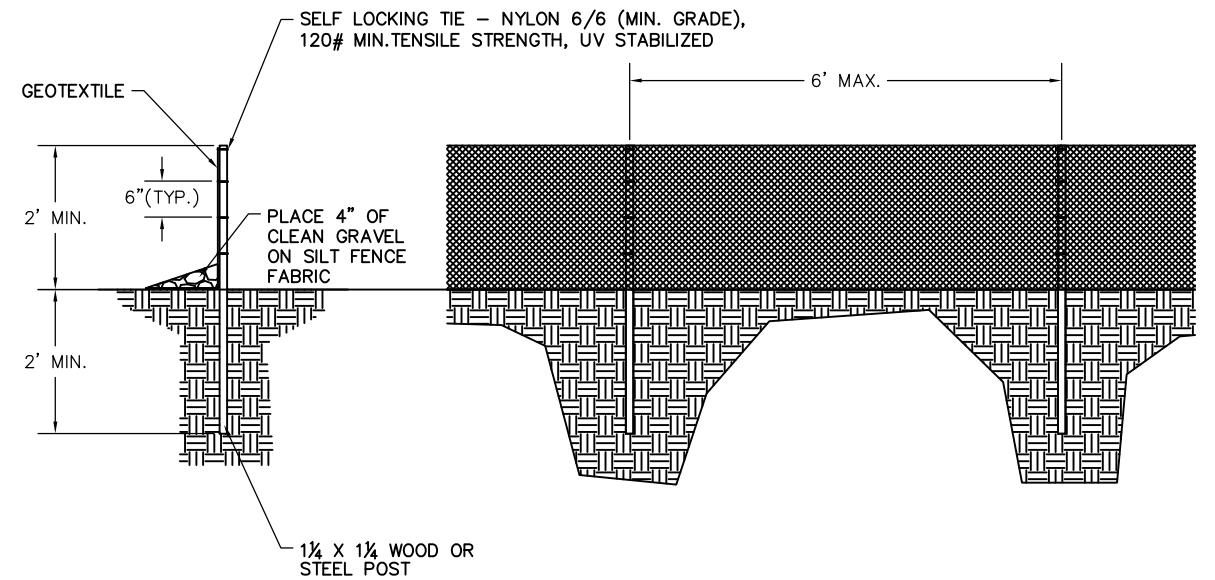
SECTION



SECTION

ELEVATION

HIGH VISIBILITY FENCE



SECTION

ELEVATION

SILT FENCE

SILT FENCE FABRIC SHALL COMPLY WITH STANDARD SPECIFICATION 9-33.2(1), TABLE 6.

INSTALL THE ENDS OF THE SILT FENCE TO POINT SLIGHTLY UPSLOPE TO PREVENT SEDIMENT FROM FLOWING AROUND THE ENDS OF THE FENCE.

SPLICES SHALL NEVER BE PLACED IN LOW SPOTS.

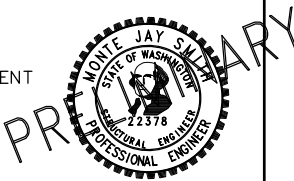


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Page 12 of 19

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HALLER BRIDGE
 PIER REPAIR
 TEMPORARY EROSION AND
 SEDIMENTATION CONTROL (TESC)

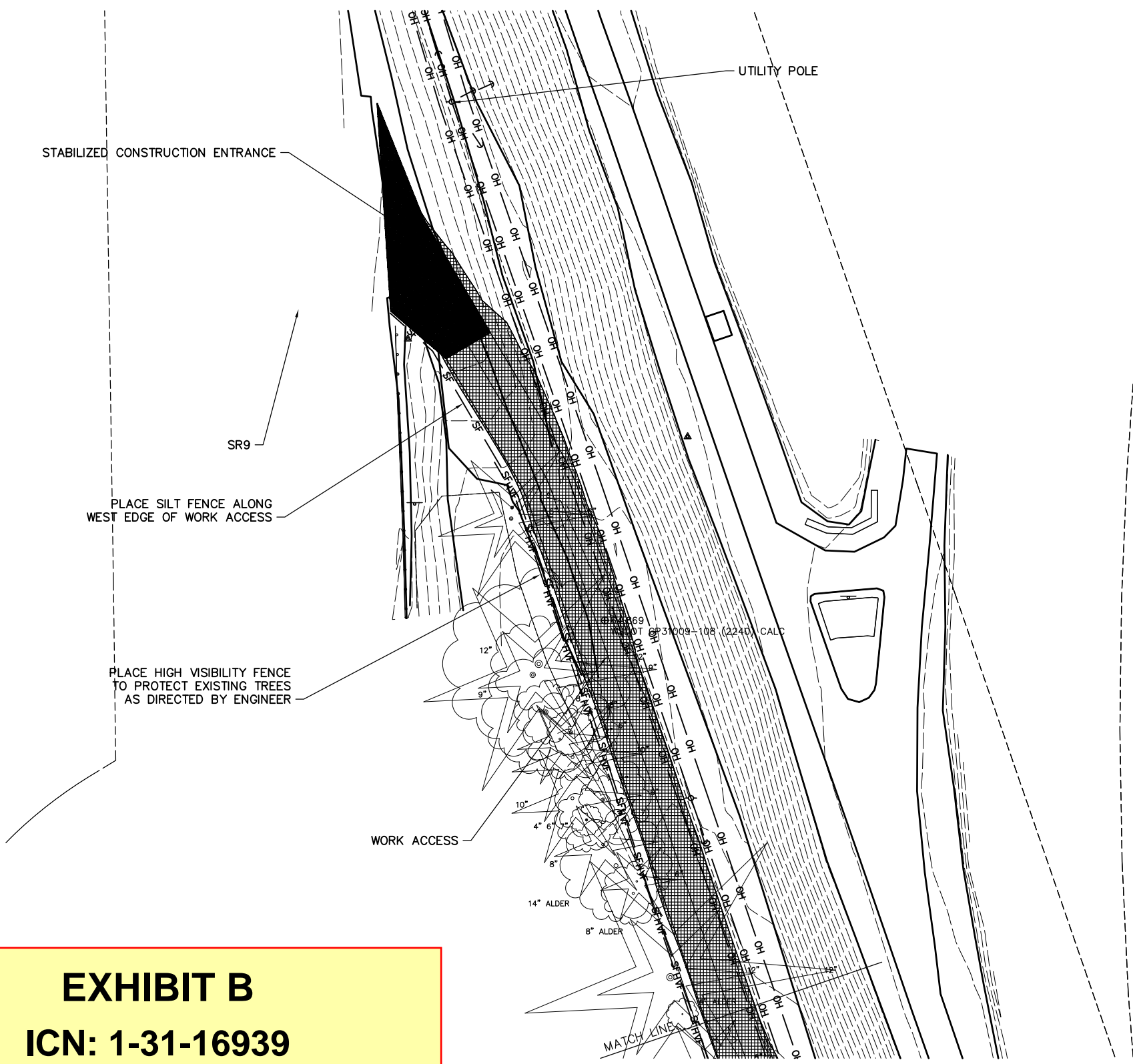
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 SHEET 12 OF . SHEETS

SECTION 2, T. 31 N., R. 5 E. W.M.



NOTES

THE ONLY CLEARING THAT IS ALLOWED IS FOR THE WORK ACCESS. CUT EXISTING VEGETATION TO SIX INCHES TALL AND THEN PLACE GEOTEXTILE ON CUT VEGETATION.
 EXISTING TREES MAY HAVE LIMBS REMOVED TO PROVIDE CLEARANCE FOR WORK ACCESS.
 DO NOT CUT TREE ROOTS.



PLAN

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 13 of 19

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10	WASH.	.	.
DESIGNED BY: MJS		DRAWN BY: MJS	
FIELD BOOK(S):		UPI#	

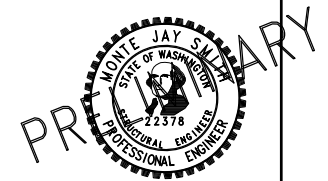


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SNOHOMISH COUNTY
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 PARKS DIVISION

HALLER BRIDGE
 PIER REPAIR
 TEMPORARY EROSION AND
 SEDIMENT CONTROL 2

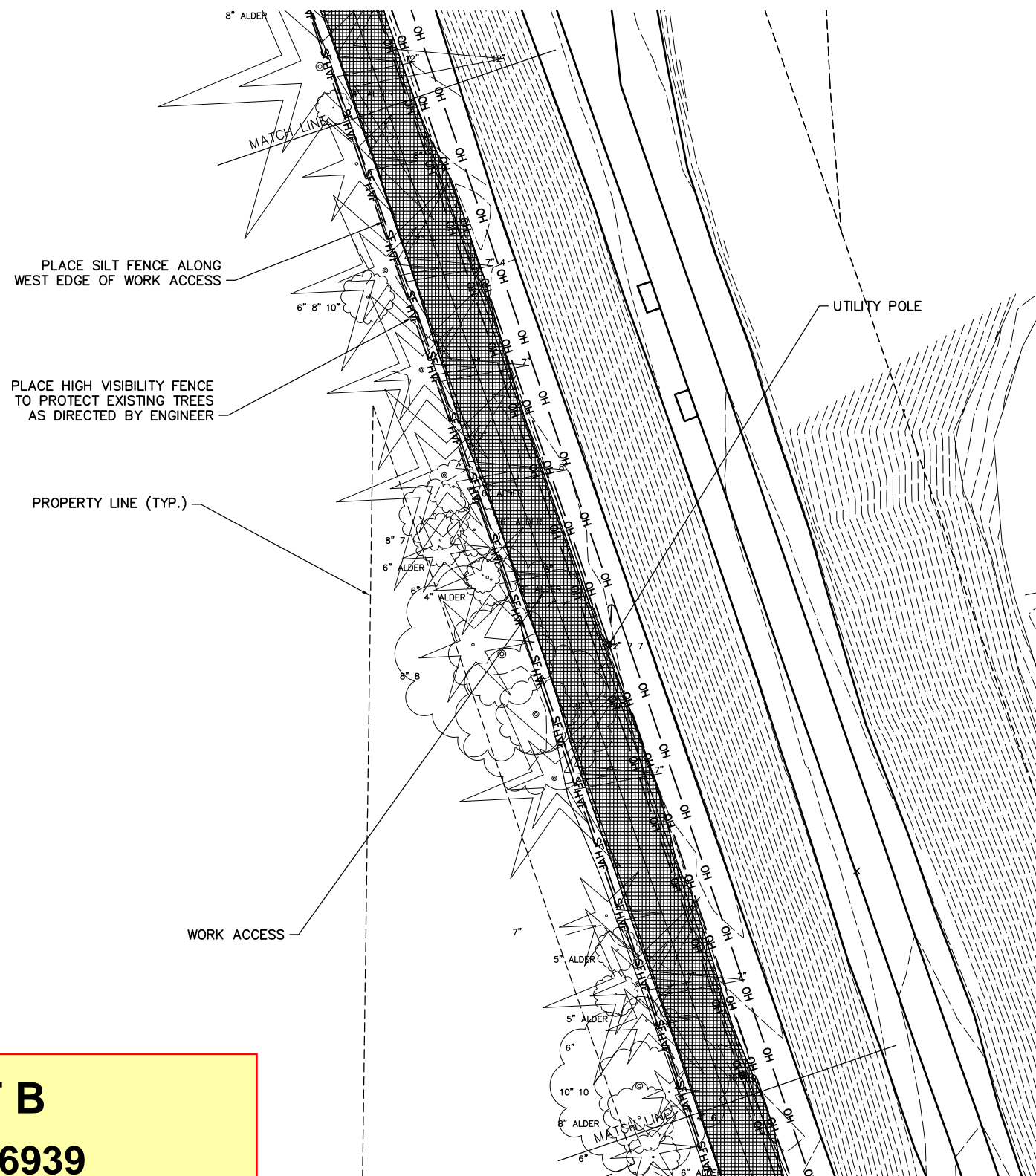
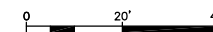
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SHEET 13 OF SHEETS



SECTION 2, T. 31 N., R. 5 E. W.M.

NOTES

THE ONLY CLEARING THAT IS ALLOWED IS FOR THE WORK ACCESS. CUT EXISTING VEGETATION TO SIX INCHES TALL AND THEN PLACE GEOTEXTILE ON CUT VEGETATION.
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 DO NOT CUT TREE ROOTS.



PLACE SILT FENCE ALONG WEST EDGE OF WORK ACCESS

PLACE HIGH VISIBILITY FENCE TO PROTECT EXISTING TREES AS DIRECTED BY ENGINEER

PROPERTY LINE (TYP.)

UTILITY POLE

WORK ACCESS

PLAN

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 14 of 19

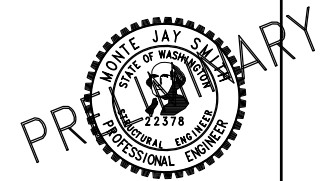
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HALLER BRIDGE
 PIER REPAIR
 TEMPORARY EROSION AND
 SEDIMENT CONTROL 3

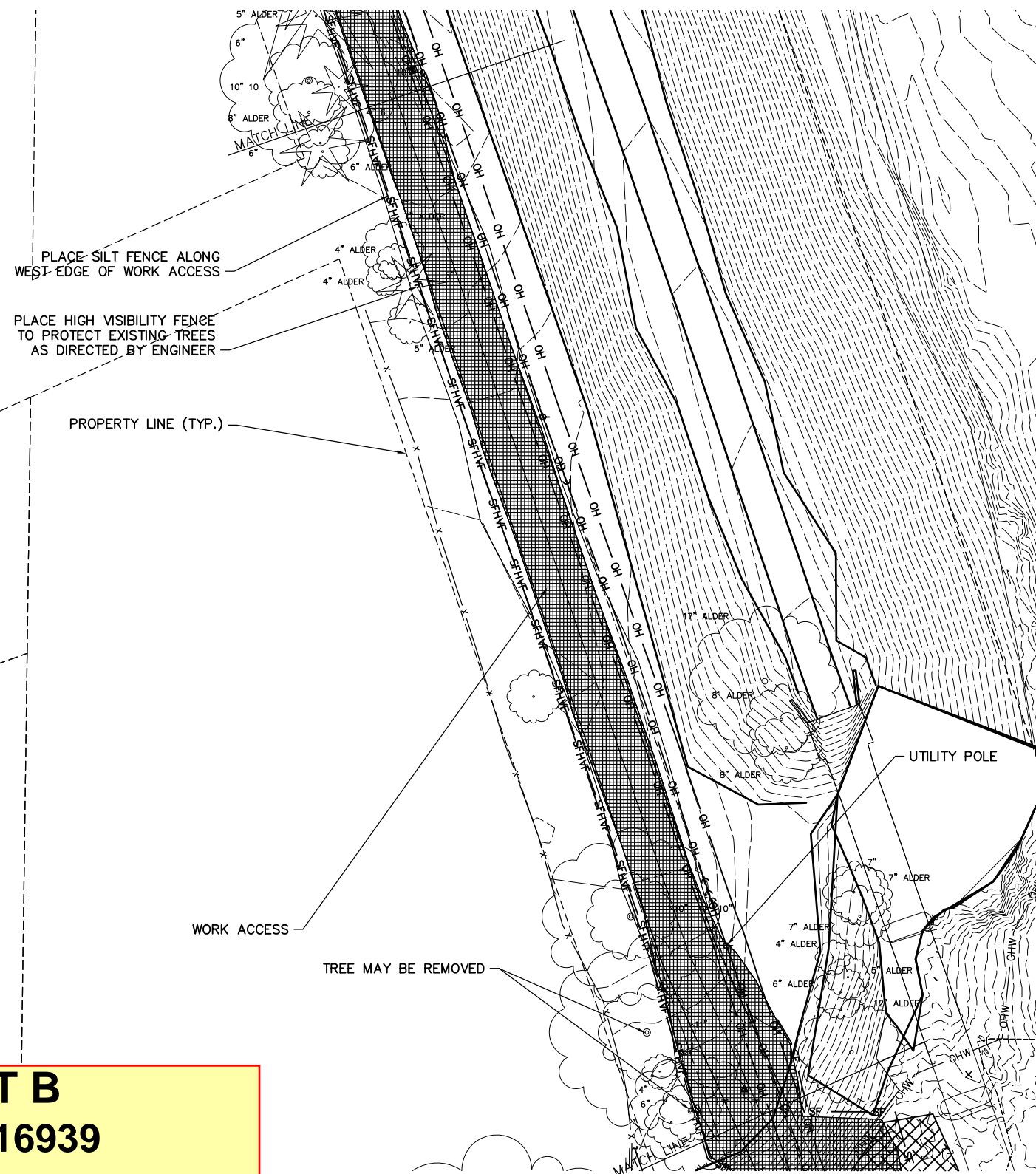
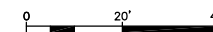
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SHEET OF SHEETS	14 OF .



SECTION 2, T. 31 N., R. 5 E. W.M.

NOTES

THE ONLY CLEARING THAT IS ALLOWED IS FOR THE WORK ACCESS. CUT EXISTING VEGETATION TO SIX INCHES TALL AND THEN PLACE GEOTEXTILE ON CUT VEGETATION.
 EXISTING TREES MAY HAVE LIMBS REMOVED TO PROVIDE CLEARANCE FOR WORK ACCESS.
 DO NOT CUT TREE ROOTS.



PLACE SILT FENCE ALONG WEST EDGE OF WORK ACCESS

PLACE HIGH VISIBILITY FENCE TO PROTECT EXISTING TREES AS DIRECTED BY ENGINEER

PROPERTY LINE (TYP.)

WORK ACCESS

TREE MAY BE REMOVED

UTILITY POLE

PLAN

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 15 of 19

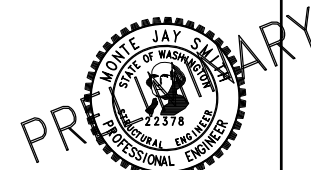
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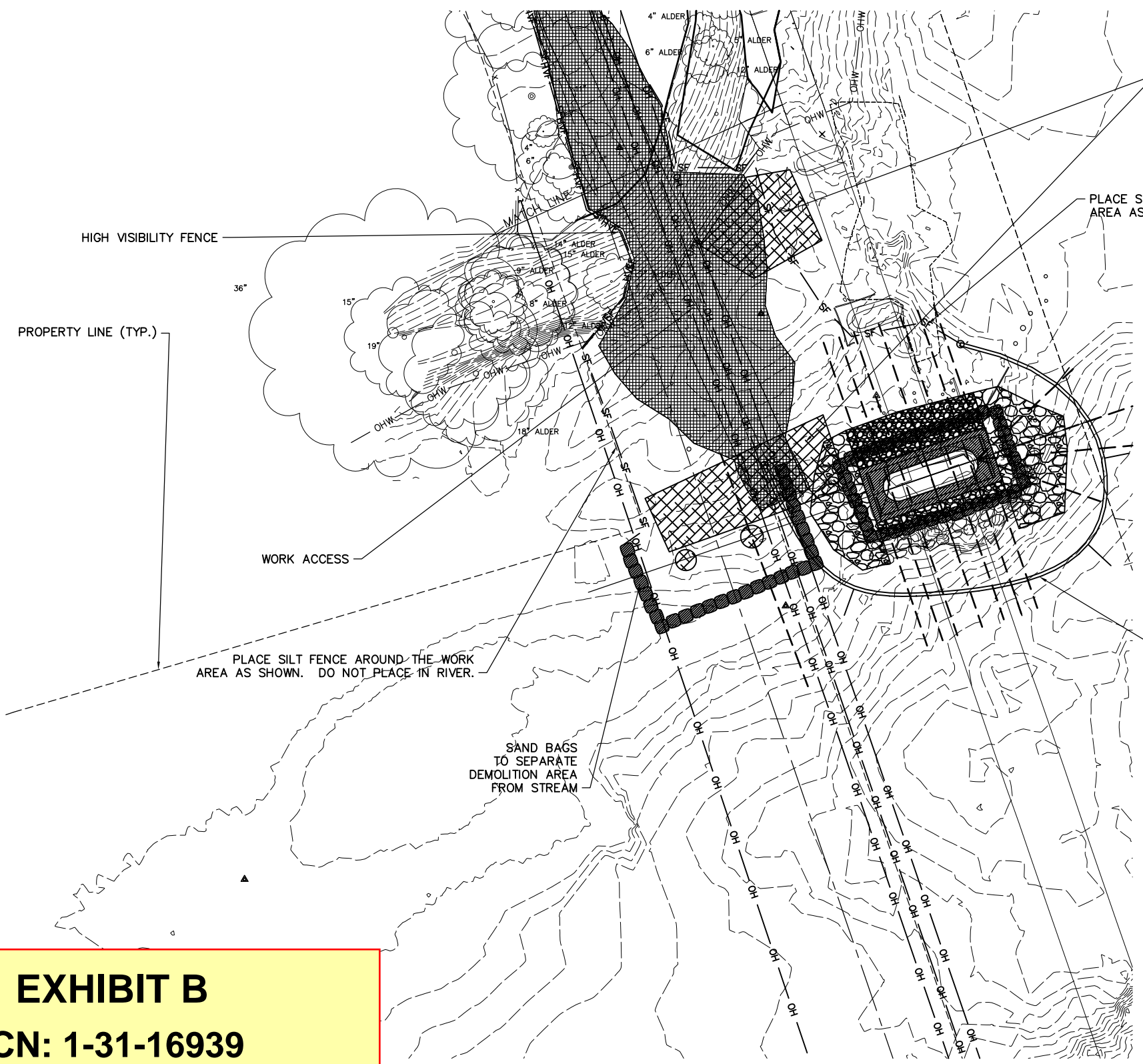
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 TEMPORARY EROSION AND
 SEDIMENT CONTROL 4

REFERENCE SHEET NO.
 SHEET 15 OF SHEETS



SECTION 2, T. 31 N., R. 5 E. W.M.



RIPRAP REMOVAL MITIGATION AREA

PLACE SILT FENCE AROUND THE WORK AREA AS SHOWN. DO NOT PLACE IN RIVER.

HIGH VISIBILITY FENCE

PROPERTY LINE (TYP.)

WORK ACCESS

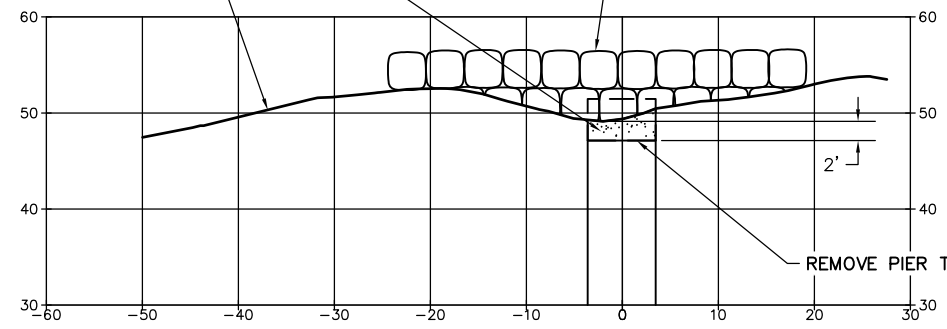
PLACE SILT FENCE AROUND THE WORK AREA AS SHOWN. DO NOT PLACE IN RIVER.

SAND BAGS TO SEPARATE DEMOLITION AREA FROM STREAM

TURBIDITY CURTAIN

SAND BAGS THE TOP OF SAND BAGS NEED TO BE 2 FEET HIGHER THAN RIVER LEVEL.

BACKFILL WITH STREAMBED SEDIMENT



SECTION THROUGH PIER REMOVAL

REMOVE PIER TO HERE

NOTES

THE ONLY CLEARING THAT IS ALLOWED IS FOR THE WORK ACCESS. CUT EXISTING VEGETATION (EXCEPT KNOTWEED) TO SIX INCHES TALL.

GEOTEXTILE SHALL BE PLACED UNDER ALL FILLS.

EXISTING TREES MAY HAVE LIMBS REMOVED TO PROVIDE CLEARANCE FOR WORK ACCESS.

DO NOT CUT TREE ROOTS.

IF KNOTWEED IS IN THE AREA OF WORK, THE CONTRACTOR SHALL REMOVE ALL FLOWERING OR SEED HEAD FROM THE PLANT AND BAG THEM FOR DISPOSAL AT A MUNICIPAL WASTE SITE. THE STALK SHALL BE CUT TO THE GROUND AND ALL STEMS AND OTHER PORTIONS OF THE PLANT THAT ARE CUT DOWN SHALL BE BAGGED AND DISPOSED OF A MUNICIPAL WASTE SITE.

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THEIR PLAN FOR SEPARATING THE DEMOLITION AREA FROM THE STREAM. THE SEPARATION HAS TO ISOLATE THE WORK AREA FROM THE STREAM. AFTER THE SEPARATION IS INSTALLED, ALL FISH NEED TO BE REMOVED FROM THE WORK AREA BEFORE WORK IS PERFORMED.

ALL CONCRETE DEBRIS SHALL BE REMOVED FROM THE SITE. NO CONCRETE DEBRIS SHALL BE ALLOWED TO ENTER THE STREAM.

NO CONCRETE SAWING OR GRINDING IS ALLOWED UNLESS APPROVED BY THE ENGINEER AND A DUST CONTAINMENT PLAN IS APPROVED.

PLAN

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 16 of 19

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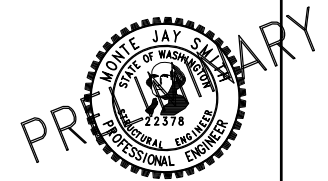
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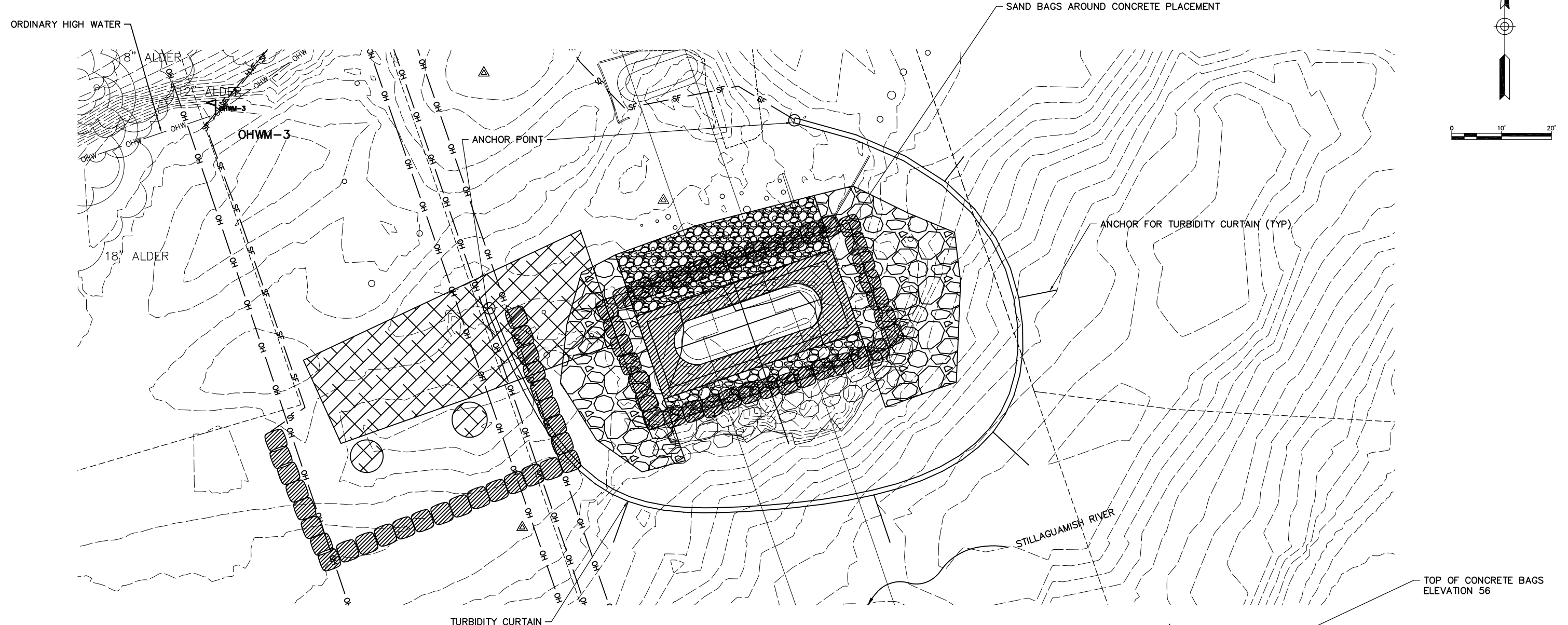
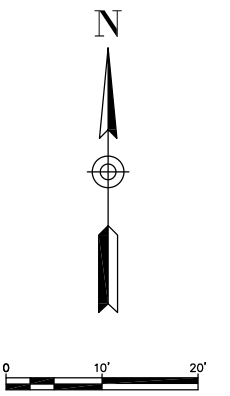
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 PARKS DIVISION

HALLER BRIDGE
 PIER REPAIR
 TEMPORARY EROSION AND
 SEDIMENT CONTROL 5

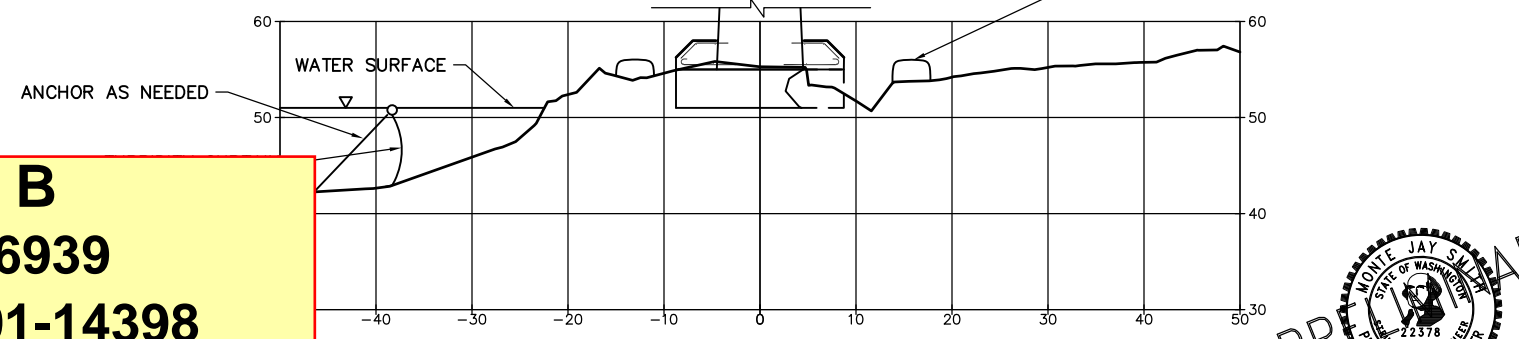
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SECTION 2, T. 31 N., R. 5 E. W.M.



PLAN



SECTION

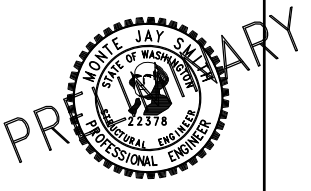
NOTES

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THEIR PLAN FOR MANAGING THE SILT THAT WILL BE GENERATED DURING THE PLACEMENT OF THE RIPRAP. A TUBIDITY CURTAIN IS A SUGGESTION. THE WATER OUTSIDE THE TURBIDITY CURTAIN SHALL MEET STATE WATER QUALITY STANDARDS FOR SILT IN THE WATER. ALL FISH NEED TO BE REMOVED FROM THE WORK AREA BEFORE WORK IS PERFORMED.

ALL TURBID WATER SHALL BE TREATED AND NOT ALLOWED INTO THE RIVER. THE CONTRACTOR SHALL SUBMIT A PLAN FOR TREATING THE TURBID WATER IN THE EXCAVATION.

THE CONTRACTOR IS NOT ALLOWED TO PLACE ANY FRESH CONCRETE IN THE RIVER. ALL CONCRETE TOOLS AND EQUIPMENT SHALL BE CLEANED IN AN UPLAND AREA APPROVED BY THE ENGINEER. CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT THEIR TRUCKS ON THE PROJECT SITE.

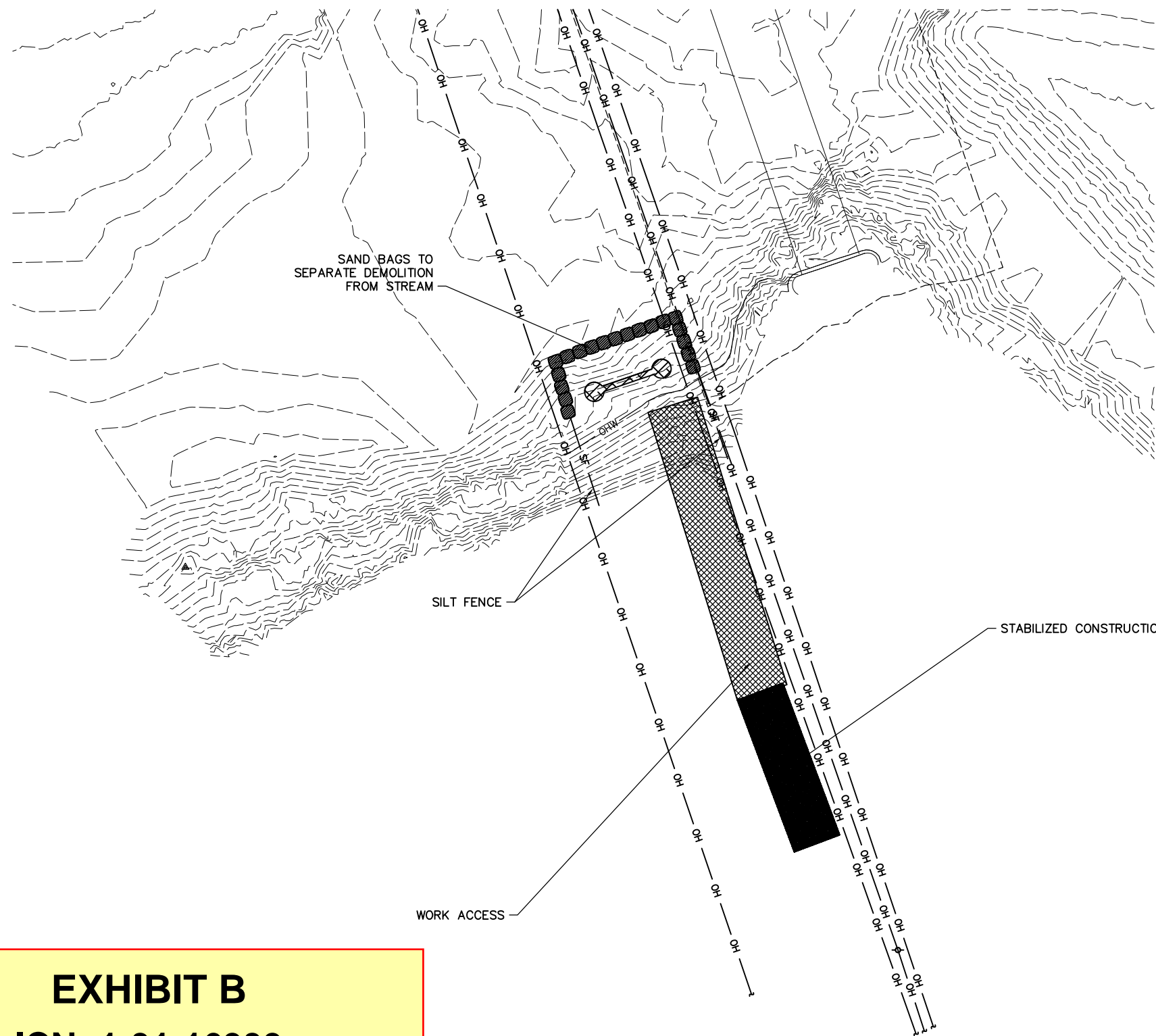
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ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 17 of 19



PLAN CHECK	BY	DATE	NO.	REVISION	BY

SNOHOMISH COUNTY DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES PARKS DIVISION	HALLER BRIDGE PIER REPAIR TEMPORARY EROSION AND SEDIMENT CONTROL 6	REFERENCE SHEET NO.
		SHEET 17 OF SHEETS

SECTION 2, T. 31 N., R. 5 E. W.M.



SAND BAGS TO SEPARATE DEMOLITION FROM STREAM

SILT FENCE

STABILIZED CONSTRUCTION ENTRANCE

WORK ACCESS

PLAN

NOTES

THE ONLY CLEARING THAT IS ALLOWED IS FOR THE WORK ACCESS. CUT EXISTING VEGETATION TO SIX INCHES TALL AND THEN PLACE GEOTEXTILE BELOW WORK ACCESS.

EXISTING TREES MAY HAVE LIMBS REMOVED TO PROVIDE CLEARANCE FOR WORK ACCESS.

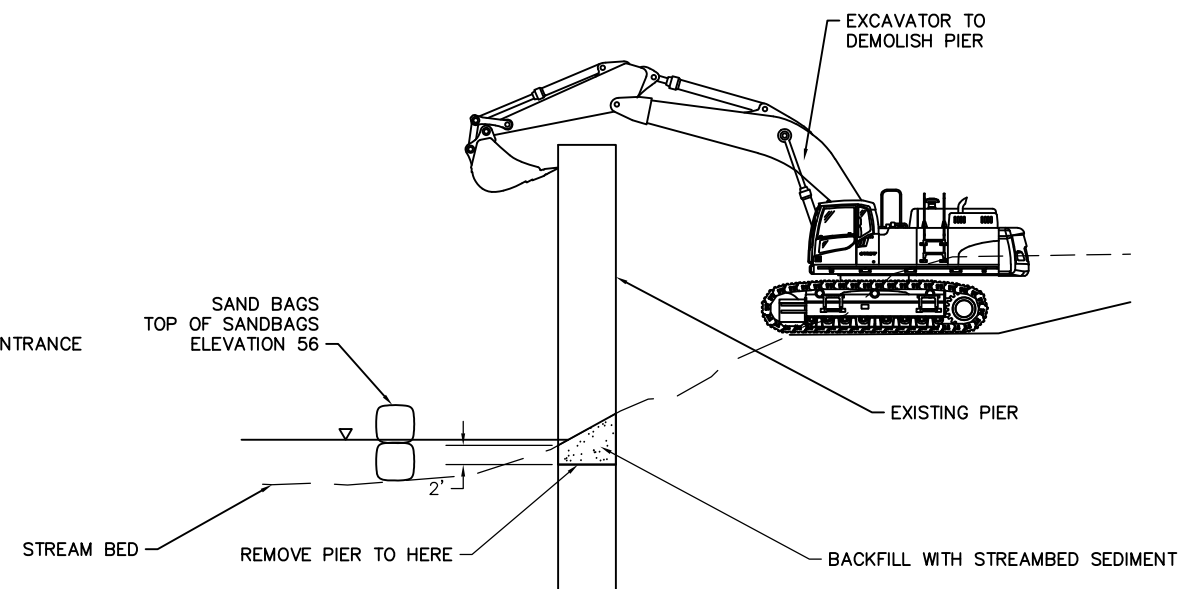
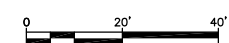
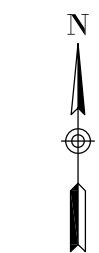
DO NOT CUT TREE ROOTS.

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THEIR PLAN FOR SEPARATING THE DEMOLITION AREA FROM THE STREAM. THE SEPARATION HAS TO ISOLATE THE WORK AREA FROM THE STREAM. AFTER THE SEPARATION IS INSTALLED, ALL FISH NEED TO BE REMOVED FROM THE WORK AREA BEFORE WORK IS PERFORMED.

ALL CONCRETE DEBRIS SHALL BE REMOVED FROM THE SITE. NO CONCRETE DEBRIS SHALL BE ALLOWED TO ENTER THE STREAM.

NO CONCRETE SAWING OR GRINDING IS ALLOWED UNLESS APPROVED BY THE ENGINEER AND A DUST CONTAINMENT PLAN IS APPROVED.

NO TREES WITH A TRUNK DIAMETER LARGER THAN 4" SHALL BE REMOVED.



PIER REMOVAL SECTION

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
 Page 18 of 19

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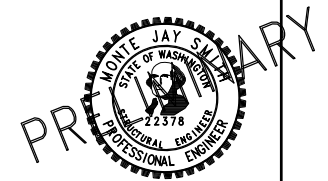
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HALLER BRIDGE
 PIER REPAIR
 TEMPORARY EROSION AND
 SEDIMENT CONTROL 7

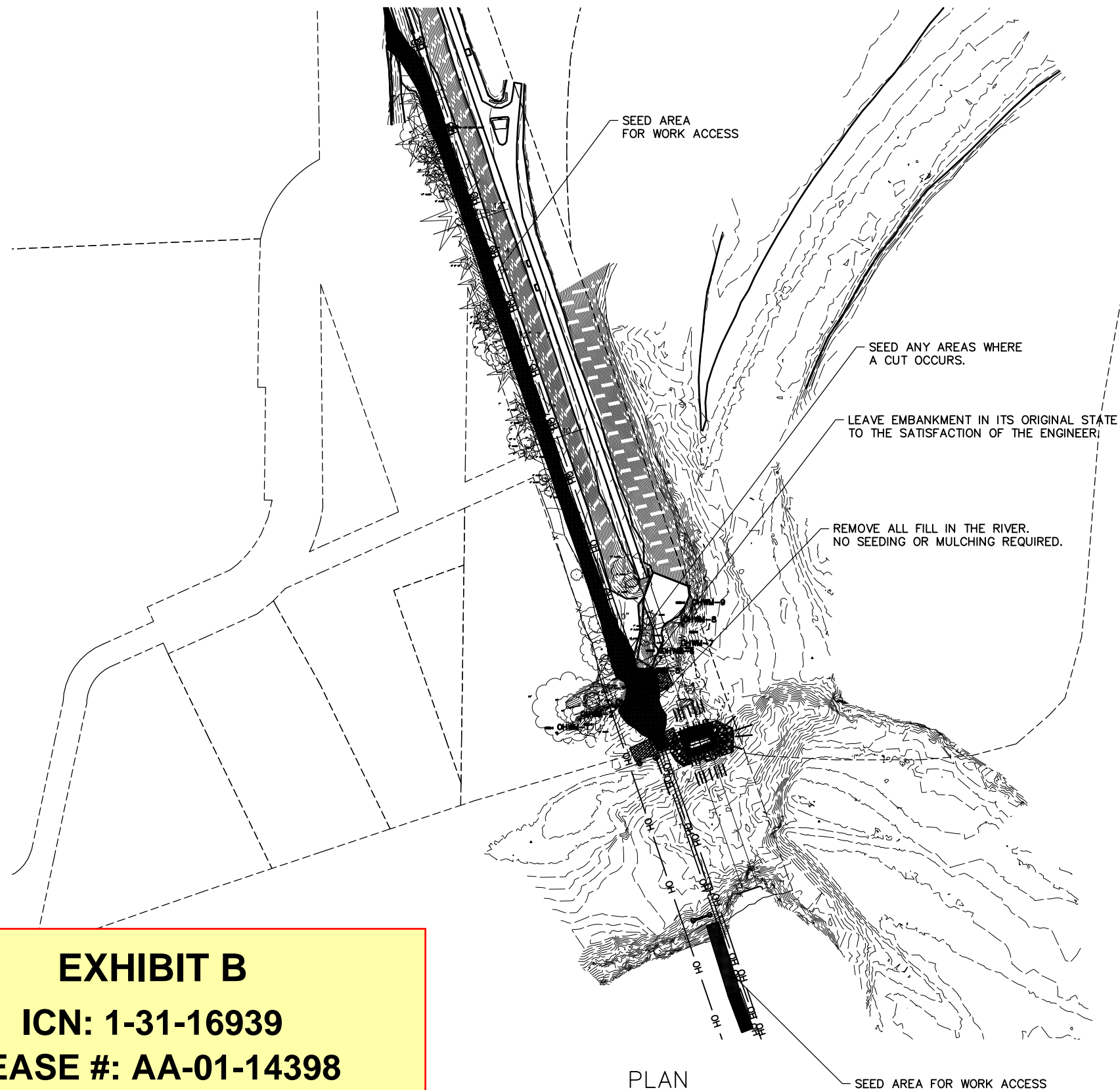
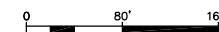
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 SHEET 18 OF SHEETS



SECTION 2, T. 31 N., R. 5 E. W.M.

NOTES

SEEDING AND MULCHING SHALL COMPLY WITH SECTION 8-02 OF THE STANDARD SPECIFICATIONS.



PLAN

EXHIBIT B
ICN: 1-31-16939
LEASE #: AA-01-14398
Snohomish County Department of Conservation and Natural Resources/ Parks Division
Page 19 of 19

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HALLER BRIDGE
 PIER REPAIR
 REVEGETATION PLAN

REFERENCE SHEET NO.
 SHEET 19 OF SHEETS

