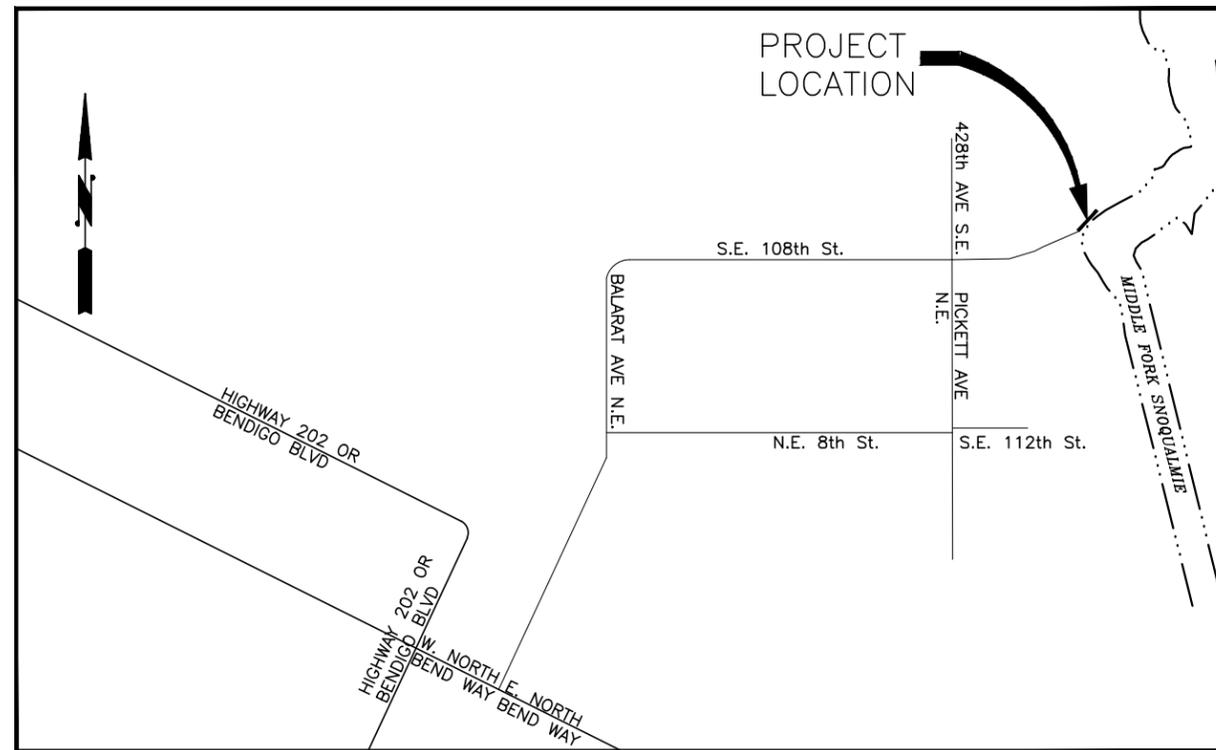


VICINITY MAP



INDEX

SHEET	DESCRIPTION
G1	VICINITY MAP AND SHEET INDEX
C1	EXISTING CONDITIONS AND TEMPORARY EROSION AND SEDIMENTATION CONTROL
C2	SITE PLAN AND CONSTRUCTION NOTES
C3	LEVEE SECTIONS AND TESC DETAIL

SURVEY NOTES:

1. DATUM:
HORIZONTAL WASHINGTON STATE PLANE COORDINATE SYSTEM, NAD83/2007, NORTH ZONE PER GPS TIES TO WSRN AND COMPARED TO OPUS SOLUTIONS BY NOAA.

VERTICAL: NAVD88 PER GPS TIES TO WSRN AND COMPARED TO OPUS SOLUTIONS BY NOAA.

2. PARAMETRIX PROJECT CONTROL POINTS:

PMX #9020
SET 5/8" REBAR WITH RED PLASTIC CAP STAMPED "PMX CONTROL" IN GRAVEL LEVEE ROAD. POINT LOCATED 22.7' SW. OF MOST EASTERLY GATE POST AND 3.0' WESTERLY OF WEST EDGE OF RIVER BANK RIPRAP.
N 185115.25 E 1409994.38 ELEV. 445.56

PMX #9021

SET 5/8" REBAR WITH RED PLASTIC CAP STAMPED "PMX CONTROL" IN GRAVEL LEVEE ROAD. POINT LOCATED 100'± NORTHEASTERLY OF WOOD POST WITH CAMERA AND 7.0' SOUTH OF THE NORTHERLY TOP OF THE LEVEE.
N 185304.00 E 1410149.61 ELEV. 450.03

3. FIELD PERFORMED IN APRIL 2011. TOPCON GPS USED FOR PRIMARY CONTROL AND LEICA TCRM1205 TOTAL STATION USED FOR CONVENTIONAL SURVEY.

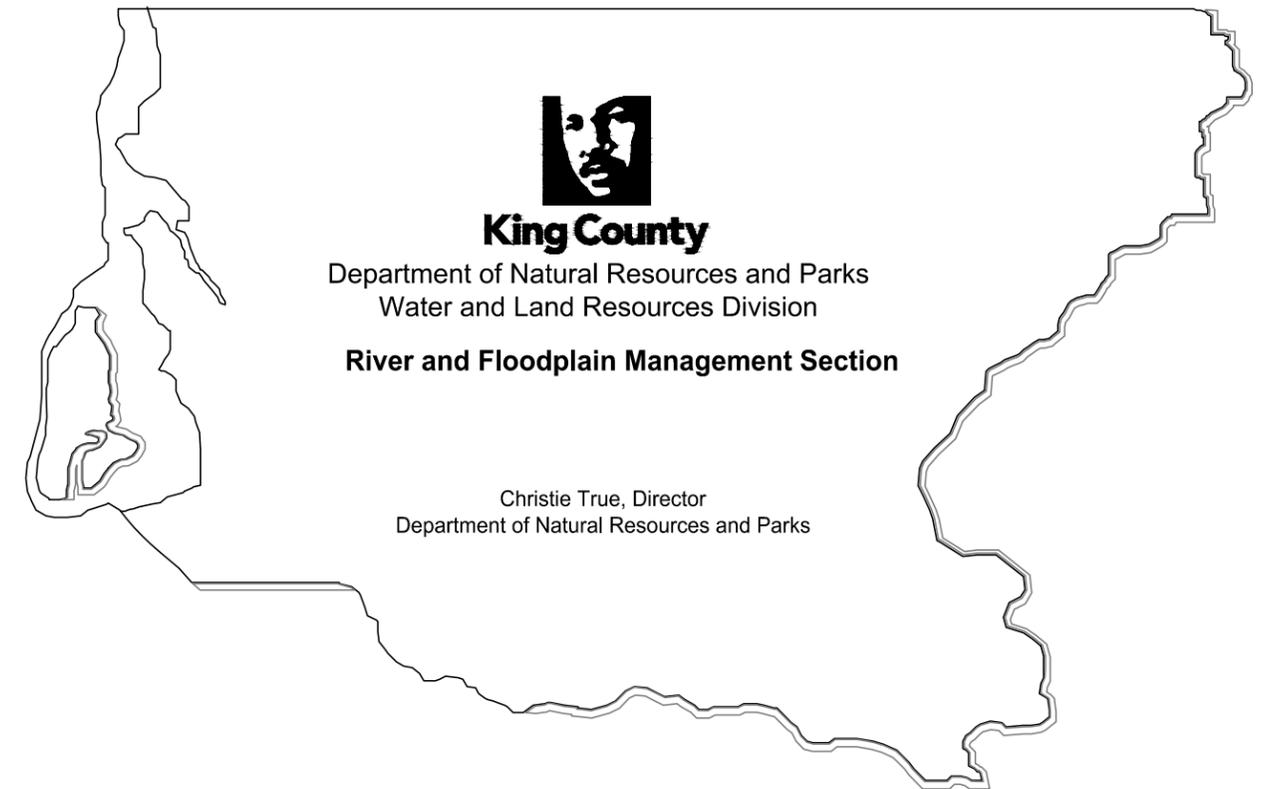
4. UNDERGROUND UTILITY NOTES:

POWER AND TELECOM LOCATIONS ARE SHOWN PER UTILITY LOCATOR PAINT MARKS.
WATER MAIN IS SHOWN BASED ON SURFACE LOCATIONS OF APPURTENANCES AND INFORMATION PROVIDED BY FERGUS MCGRATH WITH CITY OF NORTH BEND, PUBLIC UTILITIES, WATER DIVISION (PHONE CONVERSATIONS, CONTACT NUMBER: 425-888-1211). THE LOCATION SHOWN FOR THE WATER SERVICE FROM THE WATER METER TO THE HOUSE IS ASSUMED.

5. BOUNDARY:

PROPERTY BOUNDARY SHOWN HEREON IS BASED ON RECORD DATA AND DOES NOT REPRESENT A BOUNDARY SURVEY BY PARAMETRIX, INC.

6. REFERENCES RECORD OF SURVEYS: REC. NOS. 9401139002, 9605239020, AND 9712319010, ALL RECORDS OF KING COUNTY RECORDER.



MASON THORSON EXTENSION LEVEE REPAIR

MIDDLE FORK SNOQUALMIE RIVER, RM. 15 LEFT BANK

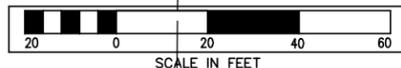
LOCATION: 43012 SE 108TH ST, NORTH BEND, WA 98045

CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-424-5555

(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

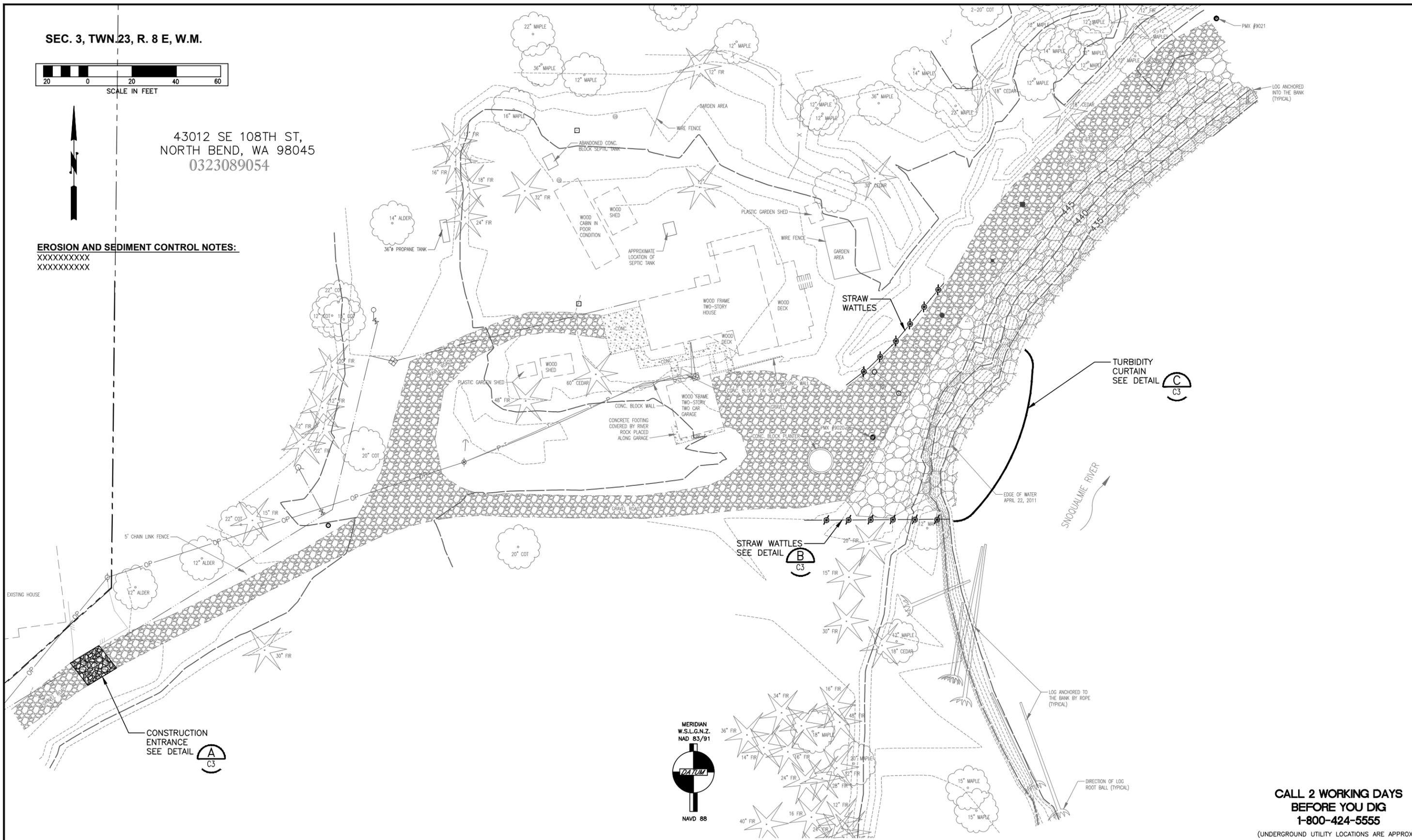
FIELD BOOK: PARAMETRIX 247-1521-093	5-2011	30% DESIGN PROGRESS COPY 05-31-11	APPROVED: CLINT LOPER, P.E.	5-2011	PROJECT No. FLD012 PARAMETRIX 247-1521-093 SURVEY No. 247-1521-093 MAINTENANCE DIVISION No. 2		Department of Natural Resources and Parks Water and Land Resources Division River and Floodplain Management Section Christie True, Director	MASON THORSON EXTENSION LEVEE REPAIR - 2011 VICINITY MAP AND SHEET INDEX	SHEET G1 OF 4 SHEETS
SURVEYED: PARAMETRIX	5-2011		PROJECT MANAGER: MARK REUBEL, P.E.	5-2011					
SURVEY BASE MAP: PARAMETRIX	5-2011		DESIGNED: MARY LEAR, P.E.	5-2011					
CHECKED: PARAMETRIX	5-2011		SENIOR ECOLOGIST: PHYLLIS MEYERS	5-2011					
NUM.	REVISION	BY	DATE	CAD ENTERED: LUCY TRAXINGER	5-2011				

SEC. 3, TWN.23, R. 8 E, W.M.



43012 SE 108TH ST,
NORTH BEND, WA 98045
0323089054

EROSION AND SEDIMENT CONTROL NOTES:
XXXXXXXXXX
XXXXXXXXXX



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(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

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SURVEYED:	PARAMETRIX	5-2011
SURVEY BASE MAP:	PARAMETRIX	5-2011
CHECKED:	PARAMETRIX	5-2011

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05-31-11**

NUM.	REVISION	BY	DATE

APPROVED:	CLINT LOPER, P.E.	5-2011
PROJECT MANAGER:	MARK REUBEL, P.E.	5-2011
DESIGNED:	MARY LEAR, P.E.	5-2011
SENIOR ECOLOGIST:	PHYLLIS MEYERS	5-2011
CAD ENTERED:	LUCY TRAXINGER	5-2011

PROJECT No.	FLD012
SURVEY No.	PARAMETRIX 247-1521-093
MAINTENANCE DIVISION No.	2

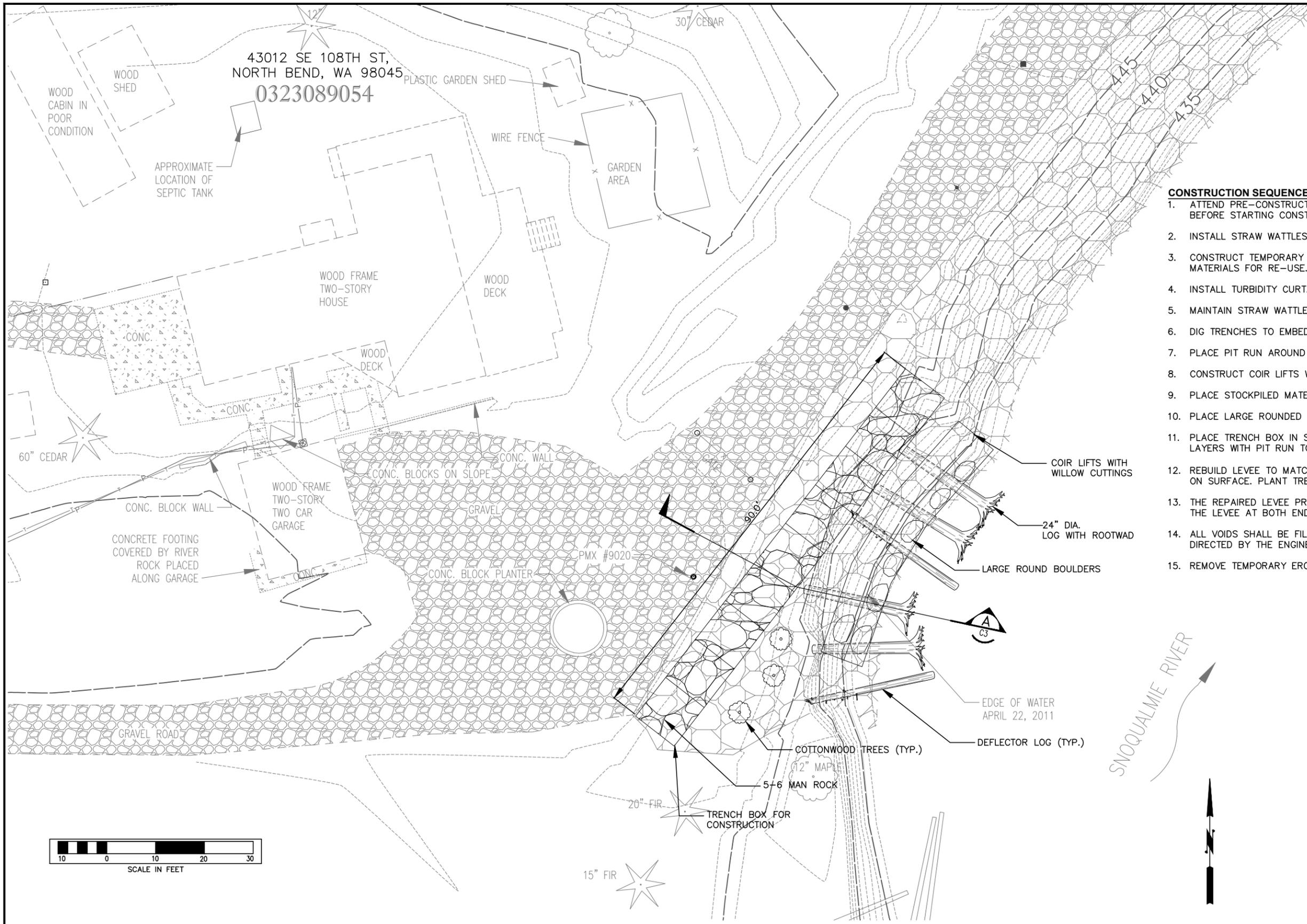


King County
Department of Natural Resources and Parks
Water and Land Resources Division
River and Floodplain Management Section
Christie True, Director

**MASON THORSON EXTENSION
LEVEE REPAIR - 2011**

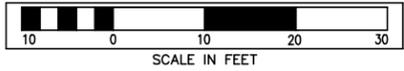
**EXISTING CONDITIONS AND
TEMPORARY EROSION AND SEDIMENT CONTROL**

SHEET
C1
OF
4
SHEETS



43012 SE 108TH ST,
NORTH BEND, WA 98045
0323089054

- CONSTRUCTION SEQUENCE/GENERAL NOTES:**
1. ATTEND PRE-CONSTRUCTION MEETING AND NOTIFY PERMIT AUTHORITIES BEFORE STARTING CONSTRUCTION.
 2. INSTALL STRAW WATTLES AND CONSTRUCTION ENTRANCE.
 3. CONSTRUCT TEMPORARY CONSTRUCTION BENCH. STOCKPILE LEVEE MATERIALS FOR RE-USE.
 4. INSTALL TURBIDITY CURTAIN.
 5. MAINTAIN STRAW WATTLE PLACEMENT AS DIRECTED BY ENGINEER.
 6. DIG TRENCHES TO EMBED LOGS. PLACE LOGS.
 7. PLACE PIT RUN AROUND LOGS AND GRADE FOR COIR LIFTS.
 8. CONSTRUCT COIR LIFTS WITH LIVE WILLOW STAKES IN BETWEEN LIFTS.
 9. PLACE STOCKPILED MATERIAL BEHIND COIR LIFTS.
 10. PLACE LARGE ROUNDED BOULDERS ON COIR LIFTS.
 11. PLACE TRENCH BOX IN SECTIONS. PLACE 5-6 MAN ROCK IN TRENCH IN LAYERS WITH PIT RUN TO FILL VOIDS.
 12. REBUILD LEVEE TO MATCH EXISTING LEVEE AT 448'. PLACE 8" OF TOPSOIL ON SURFACE. PLANT TREES.
 13. THE REPAIRED LEVEE PROFILE SHALL MATCH THE UNDAMAGED PORTIONS OF THE LEVEE AT BOTH ENDS OF THE REPAIR.
 14. ALL VOIDS SHALL BE FILLED WITH SMALLER GRADED ROCK AND SOIL AS DIRECTED BY THE ENGINEER.
 15. REMOVE TEMPORARY EROSION CONTROL FEATURES.



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DESIGNED:	MARY LEAR, P.E.	5-2011
SENIOR ECOLOGIST:	PHYLLIS MEYERS	5-2011
CAD ENTERED:	LUCY TRAXINGER	5-2011

PROJECT No.	FLD012
SURVEY No.	PARAMETRIX 247-1521-093
MAINTENANCE DIVISION No.	2

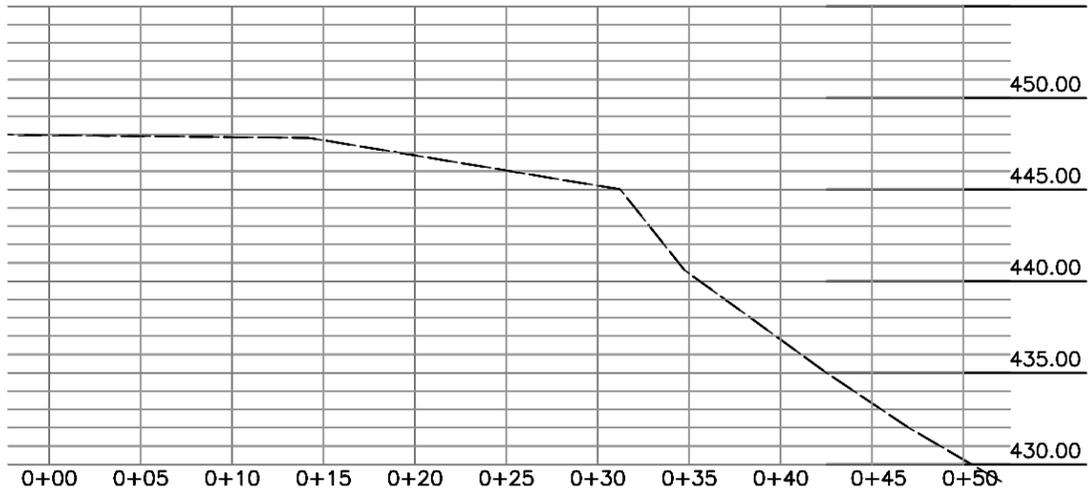


King County
Department of Natural Resources and Parks
Water and Land Resources Division
River and Floodplain Management Section
Christie True, Director

**MASON THORSON EXTENSION
LEVEE REPAIR - 2011**

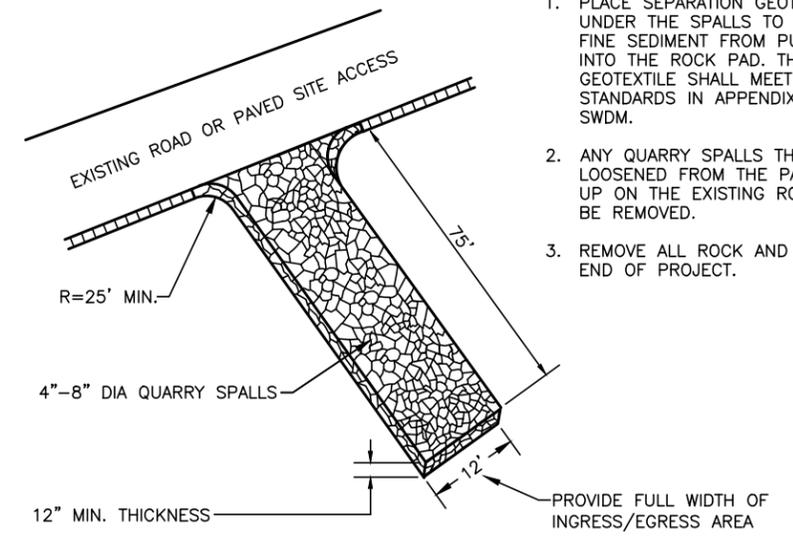
SITE PLAN AND CONSTRUCTION NOTES

SHEET
C2
OF
4
SHEETS



EXISTING SECTION

HORIZ. SCALE: 1" = 5' (on full size sheet)



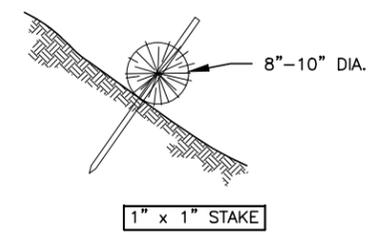
STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS



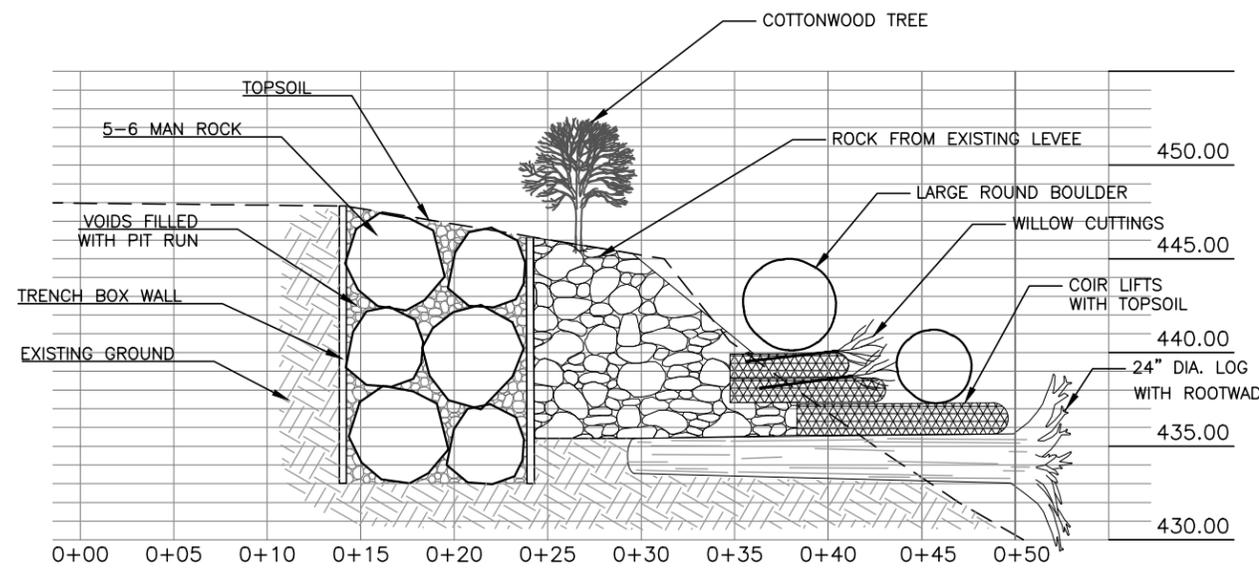
NOTES:

1. PLACE SEPARATION GEOTEXTILE UNDER THE SPALLS TO PREVENT FINE SEDIMENT FROM PUMPING UP INTO THE ROCK PAD. THE GEOTEXTILE SHALL MEET THE STANDARDS IN APPENDIX D OF THE SWDM.
2. ANY QUARRY SPALLS THAT ARE LOOSENEED FROM THE PAD AND END UP ON THE EXISTING ROAD SHALL BE REMOVED.
3. REMOVE ALL ROCK AND FABRIC AT END OF PROJECT.



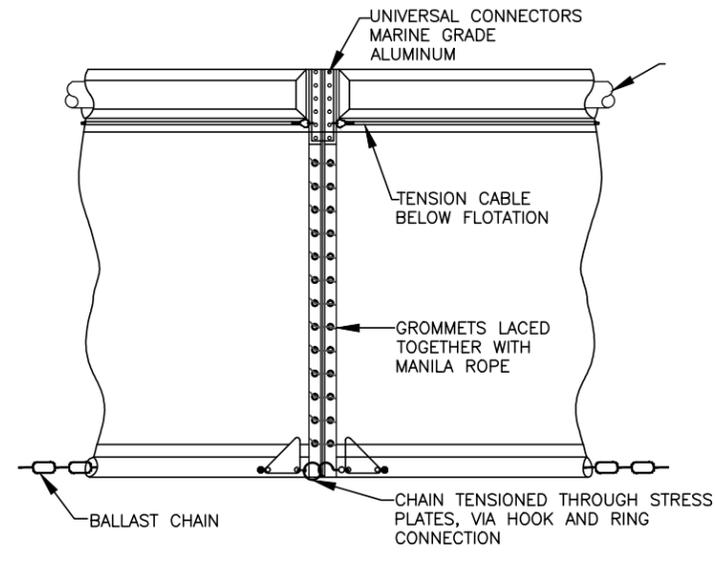
STRAW WATTLES

SCALE: NTS



PROPOSED SECTION

HORIZ. SCALE: 1" = 5'



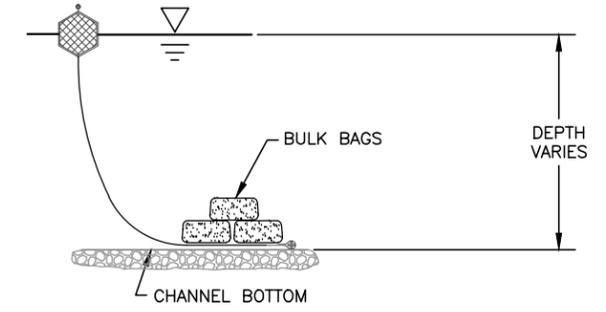
TURBIDITY CURTAIN DETAIL

NOT TO SCALE



TURBIDITY CURTAIN NOTES:

1. TURBIDITY CURTAIN SHALL BE 10-FOOT-DEEP SILT CONTAINMENT BOOM.
2. TURBIDITY CURTAIN TO BE STABILIZED BOTH TRANSVERSELY AND LONGITUDINALLY AS APPROVED BY THE ENGINEER.
3. BULK BAGS SHALL HAVE POLY BAG LINERS.
4. MATERIAL USED TO FILL BULK BAGS SHALL BE PIT RUN.
5. BULK BAGS SHALL HAVE 4 LONG HANDLES AT CORNERS FOR CENTER LIFT.



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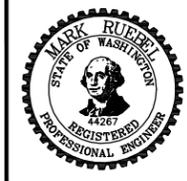
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LEVEE REPAIR - 2011
LEVEE SECTIONS AND TESC DETAILS

SHEET
C3
OF
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