PERMIT AREA BOUNDARY		
LINE #	LENGTH	DIRECTION
L1	116.14	N15° 17' 50"E
L2	85.16	N37° 14' 13"E
L3	70.93	N56° 44' 32"E
L4	47.83	N34° 30' 35"E
L5	72.66	N54° 17' 15"E
L6	108.60	N66° 20' 40"E
L7	44.74	N52° 08' 00"E
L8	18.46	S87° 18' 15"E
L9	10.67	N62° 14' 14"E
L10	27.31	N82° 30' 16"E
L11	55.72	S81° 40' 00"E
L12	57.99	N88° 56' 36"E
L13	26.71	N65° 55' 35"E
L14	7.62	N27° 45' 11"E
L15	19.83	N27° 45' 11"E
L16	16.28	N15° 51' 12"W
L17	11.60	N04° 46' 03"E
L18	27.52	N04° 46' 47"E
L19	65.56	S03° 40' 10"E
L20	13.77	S02° 51' 51"E

PERMIT AREA BOUNDARY		
LINE #	LENGTH	DIRECTION
L21	19.93	S09° 27' 28"W
L22	34.56	S09° 01' 23"W
L23	46.69	S31° 15' 56"W
L24	30.45	S69° 30' 00"W
L25	30.48	S13° 14' 14"W
L26	15.04	S03° 47' 17"W
L27	22.09	S25° 29' 54"E
L28	23.65	S10° 28' 25"E
L29	33.28	S23° 51' 59"W
L30	38.24	S50° 07' 42"W
L31	89.70	S72° 06' 18"W
L32	36.55	N18° 00' 45"W
L33	168.82	N81° 44' 07"W
L34	231.91	S56° 27' 37"W
L35	153.30	S39° 50' 49"W
L36	93.56	S23° 54' 19"W
L37	54.16	N75° 26' 37"W

THIS SURVEY SUPERSEDES R.O.S. RECORDED UNDER A.F.N. 3382001
AMENDS PREVIOUS D.N.R. PERMIT # 51-088902

60 0 60 120 180

Scale: 1" = 60'

BEARINGS ARE BASED ON NAD 83/91 (WASHINGTON STATE PLANE GRID, SOUTH ZONE) S00°06'17"E FROM WSDOT MONUMENT GP21006-99 (MON ID 5125) TO LEWIS COUNTY STATIC CONTROL POINT NO. 1001 (BEAVER CREEK JOB) HORIZONTAL CONTROL FOR PROJECT WAS DERIVED FROM RTK OBSERVATIONS USING THE ABOVE CONTROL POINTS FOR BASE CONTROL. HORIZONTAL PROJECT SCALE FACTOR=0.99990711 8
ELEVATIONS ARE BASED ON NAVD '88 PER DIGITAL LEVEL RUN HOLDING W.S.D.O.T. GP21006-99 (ELEV=226.16) FOR BASE CONTROL.

METHOD OF SURVEY

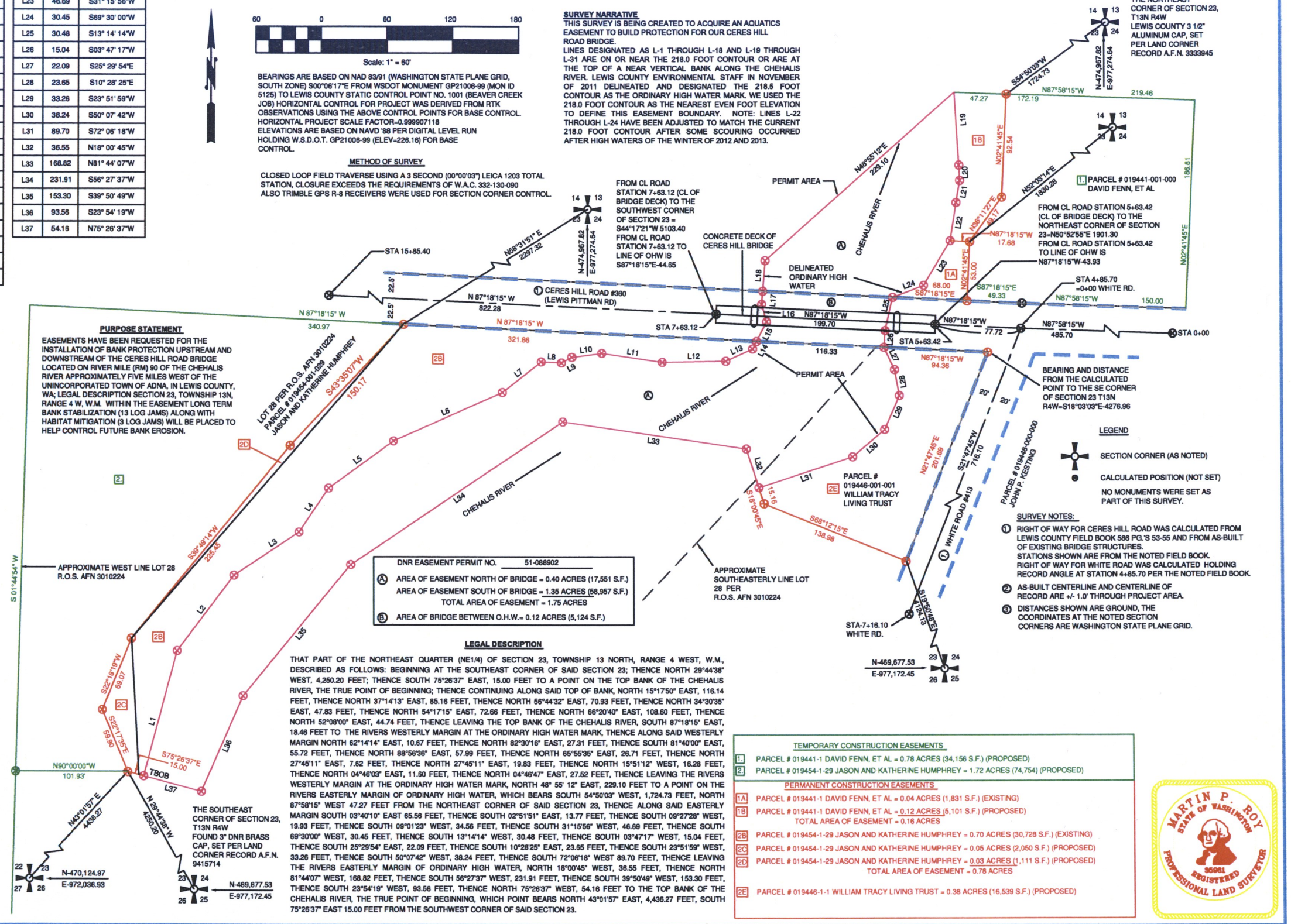
CLOSED LOOP FIELD TRAVERSE USING A 3 SECOND (00°00'03") LEICA 1203 TOTAL STATION, CLOSURE EXCEEDS THE REQUIREMENTS OF W.A.C. 332-130-090
ALSO TRIMBLE GPS R-8 RECEIVERS WERE USED FOR SECTION CORNER CONTROL.

SURVEY NARRATIVE

THIS SURVEY IS BEING CREATED TO ACQUIRE AN AQUATICS EASEMENT TO BUILD PROTECTION FOR OUR CERES HILL ROAD BRIDGE.
LINES DESIGNATED AS L-1 THROUGH L-18 AND L-19 THROUGH L-31 ARE ON OR NEAR THE 218.0 FOOT CONTOUR OR ARE AT THE TOP OF A NEAR VERTICAL BANK ALONG THE CHEHALIS RIVER. LEWIS COUNTY ENVIRONMENTAL STAFF IN NOVEMBER OF 2011 DELINEATED AND DESIGNATED THE 218.5 FOOT CONTOUR AS THE ORDINARY HIGH WATER MARK. WE USED THE 218.0 FOOT CONTOUR AS THE NEAREST EVEN FOOT ELEVATION TO DEFINE THIS EASEMENT BOUNDARY. NOTE: LINES L-22 THROUGH L-24 HAVE BEEN ADJUSTED TO MATCH THE CURRENT 218.0 FOOT CONTOUR AFTER SOME SCOURING OCCURRED AFTER HIGH WATERS OF THE WINTER OF 2012 AND 2013.

PURPOSE STATEMENT

EASEMENTS HAVE BEEN REQUESTED FOR THE INSTALLATION OF BANK PROTECTION UPSTREAM AND DOWNSTREAM OF THE CERES HILL ROAD BRIDGE LOCATED ON RIVER MILE (RM) 90 OF THE CHEHALIS RIVER APPROXIMATELY FIVE MILES WEST OF THE UNINCORPORATED TOWN OF ADNA, IN LEWIS COUNTY, WA; LEGAL DESCRIPTION SECTION 23, TOWNSHIP 13N, RANGE 4 W, W.M. WITHIN THE EASEMENT LONG TERM BANK STABILIZATION (13 LOG JAMS) ALONG WITH HABITAT MITIGATION (3 LOG JAMS) WILL BE PLACED TO HELP CONTROL FUTURE BANK EROSION.



DNR EASEMENT PERMIT NO. 51-088902

(A) AREA OF EASEMENT NORTH OF BRIDGE = 0.40 ACRES (17,551 S.F.)
AREA OF EASEMENT SOUTH OF BRIDGE = 1.35 ACRES (58,957 S.F.)
TOTAL AREA OF EASEMENT = 1.75 ACRES

(B) AREA OF BRIDGE BETWEEN O.H.W.= 0.12 ACRES (5,124 S.F.)

LEGAL DESCRIPTION

THAT PART OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 23, TOWNSHIP 13 NORTH, RANGE 4 WEST, W.M., DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 23; THENCE NORTH 29°44'38" WEST, 4,250.20 FEET; THENCE SOUTH 75°26'37" EAST, 15.00 FEET TO A POINT ON THE TOP BANK OF THE CHEHALIS RIVER, THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID TOP OF BANK, NORTH 15°17'50" EAST, 116.14 FEET, THENCE NORTH 37°14'13" EAST, 85.16 FEET, THENCE NORTH 56°44'32" EAST, 70.93 FEET, THENCE NORTH 34°30'35" EAST, 47.83 FEET, THENCE NORTH 54°17'15" EAST, 72.66 FEET, THENCE NORTH 66°20'40" EAST, 108.60 FEET, THENCE NORTH 52°08'00" EAST, 44.74 FEET, THENCE LEAVING THE TOP BANK OF THE CHEHALIS RIVER, SOUTH 87°18'15" EAST, 18.46 FEET TO THE RIVERS WESTERLY MARGIN AT THE ORDINARY HIGH WATER MARK, THENCE ALONG SAID WESTERLY MARGIN NORTH 62°14'14" EAST, 10.67 FEET, THENCE NORTH 82°30'16" EAST, 27.31 FEET, THENCE SOUTH 81°40'00" EAST, 55.72 FEET, THENCE NORTH 88°56'36" EAST, 57.99 FEET, THENCE NORTH 65°55'35" EAST, 26.71 FEET, THENCE NORTH 27°45'11" EAST, 7.62 FEET, THENCE NORTH 27°45'11" EAST, 19.83 FEET, THENCE NORTH 15°51'12" WEST, 16.28 FEET, THENCE NORTH 04°46'03" EAST, 11.60 FEET, THENCE NORTH 04°46'47" EAST, 27.52 FEET, THENCE LEAVING THE RIVERS WESTERLY MARGIN AT THE ORDINARY HIGH WATER MARK, NORTH 48° 55' 12" EAST, 229.10 FEET TO A POINT ON THE RIVERS EASTERLY MARGIN OF ORDINARY HIGH WATER, WHICH BEARS SOUTH 54°50'03" WEST, 1,724.73 FEET, NORTH 87°58'15" WEST 47.27 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 23, THENCE ALONG SAID EASTERLY MARGIN SOUTH 03°40'10" EAST 65.56 FEET, THENCE SOUTH 02°51'51" EAST, 13.77 FEET, THENCE SOUTH 09°27'28" WEST, 19.93 FEET, THENCE SOUTH 09°01'23" WEST, 34.56 FEET, THENCE SOUTH 31°15'56" WEST, 46.69 FEET, THENCE SOUTH 69°30'00" WEST, 30.45 FEET, THENCE SOUTH 13°14'14" WEST, 30.48 FEET, THENCE SOUTH 03°47'17" WEST, 15.04 FEET, THENCE SOUTH 25°29'54" EAST, 22.09 FEET, THENCE SOUTH 10°28'25" EAST, 23.65 FEET, THENCE SOUTH 23°51'59" WEST, 33.28 FEET, THENCE SOUTH 50°07'42" WEST, 38.24 FEET, THENCE SOUTH 72°06'18" WEST 89.70 FEET, THENCE LEAVING THE RIVERS EASTERLY MARGIN OF ORDINARY HIGH WATER, NORTH 18°00'45" WEST, 36.55 FEET, THENCE NORTH 81°44'07" WEST, 168.82 FEET, THENCE SOUTH 56°27'37" WEST, 231.91 FEET, THENCE SOUTH 39°50'49" WEST, 153.30 FEET, THENCE SOUTH 23°54'19" WEST, 93.56 FEET, THENCE NORTH 75°26'37" WEST, 54.16 FEET TO THE TOP BANK OF THE CHEHALIS RIVER, THE TRUE POINT OF BEGINNING, WHICH POINT BEARS NORTH 43°01'57" EAST, 4,436.27 FEET, SOUTH 75°26'37" EAST 15.00 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 23.

TEMPORARY CONSTRUCTION EASEMENTS

1 PARCEL # 019441-1 DAVID FENN, ET AL = 0.78 ACRES (34,156 S.F.) (PROPOSED)
2 PARCEL # 019454-1-29 JASON AND KATHERINE HUMPHREY = 1.72 ACRES (74,754) (PROPOSED)

PERMANENT CONSTRUCTION EASEMENTS

1A PARCEL # 019441-1 DAVID FENN, ET AL = 0.04 ACRES (1,831 S.F.) (EXISTING)
1B PARCEL # 019441-1 DAVID FENN, ET AL = 0.12 ACRES (5,101 S.F.) (PROPOSED)
TOTAL AREA OF EASEMENT = 0.16 ACRES
2B PARCEL # 019454-1-29 JASON AND KATHERINE HUMPHREY = 0.70 ACRES (30,728 S.F.) (EXISTING)
2C PARCEL # 019454-1-29 JASON AND KATHERINE HUMPHREY = 0.05 ACRES (2,050 S.F.) (PROPOSED)
2D PARCEL # 019454-1-29 JASON AND KATHERINE HUMPHREY = 0.03 ACRES (1,111 S.F.) (PROPOSED)
TOTAL AREA OF EASEMENT = 0.78 ACRES
2E PARCEL # 019446-1-1 WILLIAM TRACY LIVING TRUST = 0.38 ACRES (16,539 S.F.) (PROPOSED)

LEGEND

- SECTION CORNER (AS NOTED)
- CALCULATED POSITION (NOT SET)

NO MONUMENTS WERE SET AS PART OF THIS SURVEY.

SURVEY NOTES:

1. RIGHT OF WAY FOR CERES HILL ROAD WAS CALCULATED FROM LEWIS COUNTY FIELD BOOK 586 PG.'S 53-55 AND FROM AS-BUILT OF EXISTING BRIDGE STRUCTURES.
STATIONS SHOWN ARE FROM THE NOTED FIELD BOOK.
RIGHT OF WAY FOR WHITE ROAD WAS CALCULATED HOLDING RECORD ANGLE AT STATION 4+85.70 PER THE NOTED FIELD BOOK.
2. AS-BUILT CENTERLINE AND CENTERLINE OF RECORD ARE +/- 1.0' THROUGH PROJECT AREA.
3. DISTANCES SHOWN ARE GROUND, THE COORDINATES AT THE NOTED SECTION CORNERS ARE WASHINGTON STATE PLANE GRID.

MARTIN P. ROY STATE OF WASHINGTON 35981 REGISTERED PROFESSIONAL LAND SURVEYOR

TREASURER TAX CERTIFICATION

THIS SURVEY CREATES A PARCEL THAT IS SUBJECT TO HAVING TAXES PAID PRIOR TO RECORDING AND THE TREASURES OFFICE CERTIFIES THAT THE TAXES ARE PAID FOR THE CURRENT YEAR BY THE SIGNATURE BELOW:

☐ THIS SURVEY DOES NOT CREATE A PARCEL THAT IS SUBJECT TO TAXES BEING PAID.

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS _____ DAY OF _____, 20____ AT _____M. IN BOOK _____ OF SURVEYS AT PAGE _____ AT THE REQUEST OF LEWIS COUNTY PUBLIC WORKS DEPT.

COUNTY AUDITOR _____

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF LEWIS COUNTY PUBLIC WORKS IN MARCH, 2015

LICENSE NO. 35981

THE NE QUARTER OF SECTION 23

T13N R4W, W.M., LEWIS COUNTY, WA.

LEWIS COUNTY PUBLIC WORKS DEPT.
2025 N.E. KRESKY AVE. CHEHALIS, WA 98532
PHONE (360) 740-1123 FAX (360) 740-2719

DRAWN BY: S. LATIMER	DATE: 3-25-2015	JOB # 2159C
CHECKED BY: M. ROY	SCALE: 1" = 60'	SHEET 1 OF 1