

LAUNCH COVE SUBDIVISION

LOCATED IN A PORTION OF

THE NW 1/4 AND THE NE 1/4

OF SECTION 26,

AND IN A PORTION OF THE

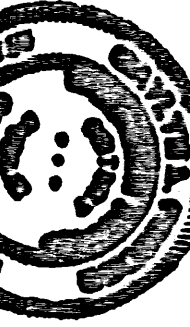
SE 1/4 OF THE SW 1/4, SECTION 23

T. 7 N., R. 5 E., W.M.,

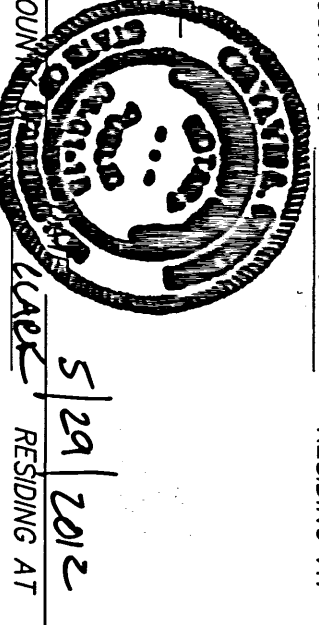
SKAMANIA COUNTY, WASHINGTON

SHEET 1 OF 3

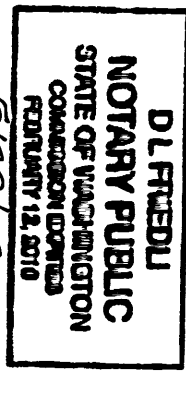
WE, OWNERS OF THE ABOVE TRACT OF LAND, HEREBY DECLARE AND CERTIFY THIS SUBDIVISION TO BE TRUE AND CORRECT TO THE BEST OF OUR ABILITIES, AND THAT THIS SUBDIVISION HAS BEEN MADE WITH OUR FREE CONSENT AND IN ACCORDANCE WITH OUR DESIRES. FURTHER, WE DEDICATE ALL RIGHTS AS SHOWN, NOT NOTED AS PRIVATE, AND WAIVE ALL CLAIMS FOR DAMAGES AGAINST ANY GOVERNMENTAL AGENCY ARISING FROM THE CONSTRUCTION AND MAINTENANCE OF SAID ROADS.



NOTARY PUBLIC IN AND FOR THE COUNTY OF CLATSOP, WASH., RESIDING AT



NOTARY PUBLIC IN AND FOR THE COUNTY OF CLATSOP, WASH., RESIDING AT



NOTARY PUBLIC IN AND FOR THE COUNTY OF CLATSOP, WASH., RESIDING AT

SKAMANIA COUNTY ENGINEER

1. Timothy D. Treadwell, COUNTY ENGINEER OF SKAMANIA COUNTY,

WASHINGTON, CERTIFY THAT THIS PLAT MEETS CURRENT SKAMANIA COUNTY,

SURVEY REQUIREMENTS. CERTIFY THAT ANY ROADS AND/OR CIRCLES,

DEVELOPED IN CONJUNCTION WITH THE APPROVED PLAN, MEET CURRENT

SKAMANIA COUNTY DEVELOPMENT STANDARDS FOR ROADS. CERTIFY THAT

APPROVAL MEETS STANDARD ENGINEERING PRACTICE FOR ROAD PLAT

LAYOUT OF ROADS AND EASEMENTS, AND, APPROVE ROAD NAMES) AND

(NUMBER(S) OF SUCH ROAD(S)).

SKAMANIA COUNTY TREASURER

SKAMANIA COUNTY ENGINEER

SKAMANIA COUNTY COMMISSIONERS

APPROVED BY THE BOARD OF COUNTY COMMISSIONERS, SKAMANIA COUNTY,

WASHINGTON, THIS 5th DAY OF June, 2012.

CHAIRMAN

DATE: 6/5/12

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

DATE: 5-24-12

IN 2012

DATE: 5-24-12

DATE: 5-24-12

DATE: 5-24-12

DATE: 5-24-12

DATE: 5-24-12

DATE: 5-24-12

DATE: 5-24-12

OPEN SPACE EASEMENT DESCRIPTION (CONTINUED)

ALSO BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER

OF SAID SECTION 26,

THENCE NORTH 01°39'24" EAST, ALONG THE WEST LINE OF THE SOUTHEAST

QUARTER OF SECTION 23, TOWNSHIP 7 NORTH, RANGE 5 EAST, WILLAMETTE

MERIDIAN, FOR A DISTANCE OF 242.91 FEET TO THE TRUE POINT OF

BEGINNING,

THENCE SOUTH 85°04'52" WEST FOR A DISTANCE OF 41.49 FEET;

THENCE ALONG THE ARC OF A 50.00 FOOT RADIUS, TANGENT CURVE TO THE

RIGHT, FOR AN ARC DISTANCE OF 32.61 FEET, THROUGH A CENTRAL ANGLE

OF 37°22'18", THE RADIUS OF WHICH BEARS NORTH 04°55'08" WEST, THE

LONG CHORD OF WHICH BEARS NORTH 78°13'59" WEST FOR A CHORD

DISTANCE OF 32.04 FEET;

THENCE NORTH 57°32'50" WEST FOR A DISTANCE OF 50.62 FEET;

THENCE ALONG THE ARC OF A 150.00 FOOT RADIUS, NON-TANGENT CURVE

TO THE LEFT, FOR AN ARC DISTANCE OF 57.07 FEET, THROUGH A CENTRAL

ANGLE OF 21°48'02", THE RADIUS OF WHICH BEARS NORTH 20°40'38" WEST,

THE LONG CHORD OF WHICH BEARS NORTH 58°25'51" EAST FOR A CHORD

DISTANCE OF 56.73 FEET;

THENCE NORTH 47°31'19" EAST FOR A DISTANCE OF 95.52 FEET TO A POINT

ON SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 23,

THENCE ALONG SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 23,

SOUTH 01°39'24" WEST FOR A DISTANCE OF 125.49 FEET TO THE TRUE POINT

OF BEGINNING,

CONTAINING 0.18 ACRES, MORE OR LESS.

(OPEN SPACE E)

ALSO BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER

OF SAID SECTION 26,

THENCE NORTH 01°39'24" EAST, ALONG THE WEST LINE OF THE SOUTHEAST

QUARTER OF SECTION 23, TOWNSHIP 7 NORTH, RANGE 5 EAST, WILLAMETTE

MERIDIAN, FOR A DISTANCE OF 432.00 FEET TO THE TRUE POINT OF

BEGINNING,

THENCE SOUTH 47°31'19" WEST FOR A DISTANCE OF 79.74 FEET;

THENCE ALONG THE ARC OF A 130.00 FOOT RADIUS, NON-TANGENT CURVE

TO THE LEFT, FOR AN ARC DISTANCE OF 80.87 FEET, THROUGH A CENTRAL

ANGLE OF 35°38'40", THE RADIUS OF WHICH BEARS NORTH 74°28'33" WEST,

THE LONG CHORD OF WHICH BEARS NORTH 02°17'53" WEST FOR A CHORD

DISTANCE OF 79.58 FEET;

THENCE NORTH 20°07'13" WEST FOR A DISTANCE OF 158.58 FEET;

THENCE NORTH 05°39'07" EAST FOR A DISTANCE OF 32.88 FEET;

THENCE SOUTH 88°11'11" EAST FOR A DISTANCE OF 119.64 FEET TO A POINT

ON SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 23,

THENCE ALONG SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 23,

THENCE SOUTH 06°24'32" WEST FOR A DISTANCE OF 10.90 FEET;

THENCE SOUTH 83°34'08" WEST FOR A DISTANCE OF 161.82 FEET TO A POINT ON

THE TRUE POINT OF BEGINNING,

CONTAINING 0.47 ACRES, MORE OR LESS.

(OPEN SPACE F)

ALSO BEGINNING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER

OF THE SOUTHWEST QUARTER OF SECTION 23, TOWNSHIP 7 NORTH, RANGE 5

EAST, WILLAMETTE MERIDIAN,

THENCE NORTH 88°18'07" WEST ALONG THE NORTH LINE OF SAID SOUTHEAST

QUARTER OF THE SOUTHWEST QUARTER, FOR A DISTANCE OF 552.13 FEET TO

THE TRUE POINT OF BEGINNING,

THENCE SOUTH 35°40'03" EAST FOR A DISTANCE OF 22.52 FEET;

THENCE ALONG THE ARC OF A 83.00 FOOT RADIUS, CURVE TO THE LEFT, FOR

AN ARC DISTANCE OF 49.35 FEET, THROUGH A CENTRAL ANGLE OF 34°03'57",

THE RADIUS OF WHICH BEARS NORTH 54°19'57" EAST, THE LONG CHORD OF

OPEN SPACE EASEMENT DESCRIPTION

AN EASEMENT FOR OPEN SPACE DEDICATED TO ALL OWNERS OF PROPOSED

"LAUNCH COVE SUBDIVISION" OVER UNDER AND ACROSS ALL THAT PORTION

OF LOTS 1, 2, 3, 4, 5, 6 AND 7 OF SAID "LAUNCH COVE SUBDIVISION",

LOCATED IN THE NORTHWEST QUARTER AND THE NORTHEAST QUARTER

OF SECTION 26, ALL IN A PORTION OF THE SOUTHEAST QUARTER

OF THE SOUTHWEST QUARTER OF SECTION 23, TOWNSHIP 7 NORTH, RANGE 5

EAST, WILLAMETTE MERIDIAN, SKAMANIA COUNTY, WASHINGTON, MORE

PARTICULARLY DESCRIBED AS FOLLOWS:

(OPEN SPACE "A")

BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF

SAID SECTION 26,

THENCE SOUTH 88°53'35" EAST, ALONG THE NORTH LINE OF SAID

NORTHEAST QUARTER OF SECTION 26, FOR A DISTANCE OF 153.87 FEET;

THENCE SOUTH 02°21'04" WEST FOR A DISTANCE OF 922.55 FEET;

THENCE SOUTH 83°34'08" EAST FOR A DISTANCE OF 146.29 FEET;

THENCE SOUTH 28°37'38" EAST FOR A DISTANCE OF 560.80 FEET TO A POINT

ON THE MEANDER LINE OF SAID RESERVOIR,

THENCE ALONG SAID MEANDER LINE THE FOLLOWING COURSES:

SOUTH 29°37'38" EAST FOR A DISTANCE OF 367.22 FEET;

THENCE SOUTH 20°46'52" WEST FOR A DISTANCE OF 394.66 FEET;

THENCE SOUTH 75°50'04" WEST FOR A DISTANCE OF 146.57 FEET;

THENCE NORTH 88°53'35" WEST FOR A DISTANCE OF 346.66 FEET;

THENCE NORTH 83°34'08" WEST FOR A DISTANCE OF 353.94 FEET;

THENCE LEAVING SAID MEANDER LINE, NORTH 08°25'52" EAST FOR A DISTANCE

OF 308.37 FEET;

THENCE NORTH 33°34'08" WEST FOR A DISTANCE OF 664.64 FEET;

THENCE NORTH 02°21'04" EAST FOR A DISTANCE OF 502.30 FEET;

THENCE NORTH 88°53'35" WEST FOR A DISTANCE OF 112.80 FEET TO A POINT

ON THE WEST LINE OF THE NORTHEAST QUARTER OF SECTION 26, TOWNSHIP 7

NORTH, RANGE 5 EAST, WILLAMETTE MERIDIAN,

THENCE NORTH 88°04'15" WEST FOR A DISTANCE OF 183.16 FEET;

THENCE NORTH 01°39'24" EAST FOR A DISTANCE OF 508.67 FEET;

THENCE ALONG THE ARC OF A 69.64 FOOT RADIUS, NON-TANGENT CURVE TO

THE LEFT, FOR AN ARC DISTANCE OF 82.24 FEET, THROUGH A CENTRAL ANGLE

OF 22°28'29", THE RADIUS OF WHICH BEARS NORTH 07°55'24" WEST, THE LONG

CHORD OF WHICH BEARS NORTH 70°51'22" EAST FOR A CHORD DISTANCE OF

27.08 FEET;

THENCE NORTH 61°39'22" EAST FOR A DISTANCE OF 34.53 FEET;

THENCE ALONG THE ARC OF A 100.00 FOOT RADIUS, TANGENT CURVE TO THE

LEFT, FOR AN ARC DISTANCE OF 142.13 FEET, THROUGH A CENTRAL ANGLE OF

81°48'34", THE RADIUS OF WHICH BEARS NORTH 28°20'38" WEST, THE LONG

CHORD OF WHICH BEARS NORTH 20°46'04" EAST FOR A CHORD DISTANCE OF

130.92 FEET;

THENCE NORTH 20°07'13" WEST FOR A DISTANCE OF 97.40 FEET;

THENCE NORTH 05°39'07" EAST FOR A DISTANCE OF 101.92 FEET;

THENCE SOUTH 88°11'11" EAST FOR A DISTANCE OF 114.64 FEET;

THENCE NORTH 01°39'24" EAST FOR A DISTANCE OF 150.00 FEET;

THENCE NORTH 88°11'11" WEST FOR A DISTANCE OF 39.72 FEET;

THENCE SOUTH 23°50'59" WEST FOR A DISTANCE OF 161.82 FEET TO A POINT ON

THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF

SAID SECTION 23,

THENCE NORTH 01°31'49" EAST, ALONG SAID WEST LINE OF THE SOUTHWEST

QUARTER, FOR A DISTANCE OF 670.11 FEET TO THE NORTHWEST CORNER OF

SAID SOUTHEAST QUARTER OF SECTION 23,

THENCE SOUTH 88°18'07" EAST, ALONG THE NORTH LINE OF SAID SOUTHEAST

QUARTER OF THE SOUTHWEST QUARTER, FOR A DISTANCE OF 869.43 FEET;

THENCE ALONG THE ARC OF A 289.00 FOOT RADIUS, NON-TANGENT CURVE TO

PERIMETER DESCRIPTION

A TRACT OF LAND LOCATED IN A PORTION OF THE SOUTHEAST QUARTER OF THE

SOUTHWEST QUARTER OF SECTION 23, AND IN A PORTION OF THE NORTHEAST

QUARTER OF THE NORTHWEST QUARTER AND IN THE NORTHEAST QUARTER OF

THE NORTHEAST QUARTER OF SECTION 26, ALL IN TOWNSHIP 7 NORTH, RANGE 5

EAST, WILLAMETTE MERIDIAN, SKAMANIA COUNTY, WASHINGTON, MORE

PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER OF

SECTION 23,

THENCE SOUTH 88°53'35" EAST, ALONG THE SOUTH LINE OF SAID SOUTHWEST

QUARTER, FOR A DISTANCE OF 153.87 FEET;

THENCE SOUTH 02°21'04" WEST FOR A DISTANCE OF 679.63 FEET;

THENCE SOUTH 83°34'08" EAST FOR A DISTANCE OF 922.55 FEET;

THENCE SOUTH 28°37'38" EAST FOR A DISTANCE OF 146.29 FEET;

THENCE NORTH 67°49'22" EAST FOR A DISTANCE OF 560.80 FEET TO A POINT

ON THE MEANDER LINE OF SAID RESERVOIR,

THENCE ALONG SAID MEANDER LINE THE FOLLOWING COURSES:

SOUTH 29°37'38" EAST FOR A DISTANCE OF 367.22 FEET;

THENCE SOUTH 20°46'52" WEST FOR A DISTANCE OF 394.66 FEET;

THENCE SOUTH 75°50'04" WEST FOR A DISTANCE OF 146.57 FEET;

THENCE NORTH 88°53'35" WEST FOR A DISTANCE OF 346.66 FEET;

THENCE NORTH 83°34'08" WEST FOR A DISTANCE OF 353.94 FEET;

THENCE LEAVING SAID MEANDER LINE, NORTH 08°25'52" EAST FOR A DISTANCE

OF 308.37 FEET;

THENCE NORTH 33°34'08" WEST FOR A DISTANCE OF 664.64 FEET;

THENCE NORTH 02°21'04" EAST FOR A DISTANCE OF 502.30 FEET;

THENCE NORTH 88°53'35" WEST FOR A DISTANCE OF 112.80 FEET TO A POINT

ON THE WEST LINE OF THE NORTHEAST QUARTER OF SECTION 26, TOWNSHIP 7

NORTH, RANGE 5 EAST, WILLAMETTE MERIDIAN,

THENCE NORTH 88°04'15" WEST FOR A DISTANCE OF 183.16 FEET;

THENCE NORTH 01°39'24" EAST FOR A DISTANCE OF 508.67 FEET;

THENCE ALONG THE ARC OF A 69.64 FOOT RADIUS, NON-TANGENT CURVE TO

THE LEFT, FOR AN ARC DISTANCE OF 82.24 FEET, THROUGH A CENTRAL ANGLE

OF 22°28'29", THE RADIUS OF WHICH BEARS NORTH 07°55'24" WEST, THE LONG

CHORD OF WHICH BEARS NORTH 70°51'22" EAST FOR A CHORD DISTANCE OF

27.08 FEET;

THENCE NORTH 61°39'22" EAST FOR A DISTANCE OF 34.53 FEET;

THENCE ALONG THE ARC OF A 100.00 FOOT RADIUS, TANGENT CURVE TO THE

LEFT, FOR AN ARC DISTANCE OF 142.13 FEET, THROUGH A CENTRAL ANGLE OF

81°48'34", THE RADIUS OF WHICH BEARS NORTH 28°20'38" WEST, THE LONG

CHORD OF WHICH BEARS NORTH 20°46'04" EAST FOR A CHORD DISTANCE OF

130.92 FEET;

THENCE NORTH 20°07'13" WEST FOR A DISTANCE OF 97.40 FEET;

THENCE NORTH 05°39'07" EAST FOR A DISTANCE OF 101.92 FEET;

THENCE SOUTH 88°11'11" EAST FOR A DISTANCE OF 114.64 FEET;

THENCE NORTH 01°39'24" EAST FOR A DISTANCE OF 150.00 FEET;

THENCE NORTH 88°11'11" WEST FOR A DISTANCE OF 39.72 FEET;

THENCE SOUTH 23°50'59" WEST FOR A DISTANCE OF 161.82 FEET TO A POINT ON

THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF

SAID SECTION 23,

THENCE NORTH 01°31'49" EAST, ALONG SAID WEST LINE OF THE SOUTHWEST

QUARTER, FOR A DISTANCE OF 670.11 FEET TO THE NORTHWEST CORNER OF

SAID SOUTHEAST QUARTER OF SECTION 23,

THENCE SOUTH 88°18'07" EAST, ALONG THE NORTH LINE OF SAID SOUTHEAST

QUARTER OF THE SOUTHWEST QUARTER, FOR A DISTANCE OF 869.43 FEET;

THENCE ALONG THE ARC OF A 289.00 FOOT RADIUS, NON-TANGENT CURVE TO

THE RIGHT, FOR AN ARC DISTANCE OF 431.49 FEET, THROUGH A CENTRAL

ANGLE OF 85°32'43", THE RADIUS OF WHICH BEARS SOUTH 28°39'23" WEST, THE

REQUIRED NOTES:

THE TOTAL NUMBER OF LOTS WITHIN THIS SUBDIVISION SHALL BE LIMITED TO SIX BUILDABLE

LOTS AND ONE UNBUILDABLE OPEN SPACE LOT.

SUBDIVISION APPROVAL IS LIMITED TO SIX DOMESTIC WATER CONNECTIONS.

EACH LOT SHALL BE A MINIMUM OF 2 ACRES IN AREA, THE MAXIMUM NUMBER OF LAND

DIVISIONS ALLOWED PURSUANT TO THE CLUSTER PROVISION IS SEVEN.

TOTAL OPEN SPACE PERMANENTLY SET ASIDE SHALL NOT BE LESS THAN 17.50 ACRES.

LOTS WITHIN THIS SUBDIVISION ARE SUBJECT TO THE CONDITIONS OF AN APPROVED

BUILDABLE AREA ANALYSIS, FOR MORE INFORMATION, PLEASE CONTACT THE SKAMANIA

COUNTY COMMUNITY DEVELOPMENT DEPARTMENT.

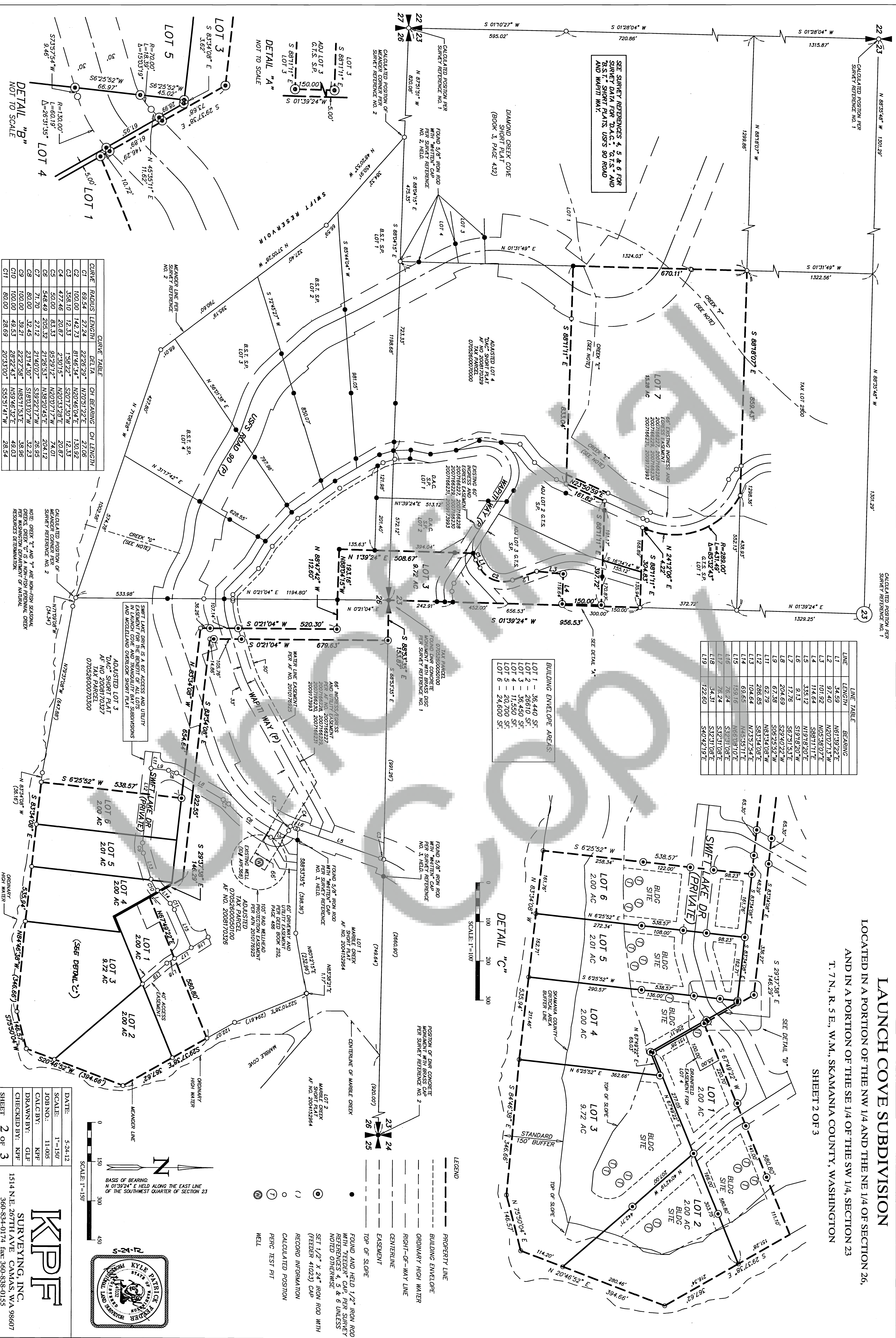
A GEOTECHNICAL ENGINEERING REPORT FOR THIS SUBDIVISION IS ON FILE WITH THE

COMMUNITY DEVELOPMENT DEPARTMENT.

THIS SITE LIES WITHIN AN EROSION AND LANDSLIDE HAZARDOUS AREA, RESTRICTIONS ON USE OR

LOCATED IN A PORTION OF THE NW 1/4 AND THE NE 1/4 OF SECTION 26,

SHEET 2 OF 3



LAUNCH COVE SUBDIVISION

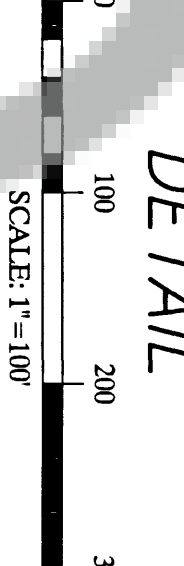
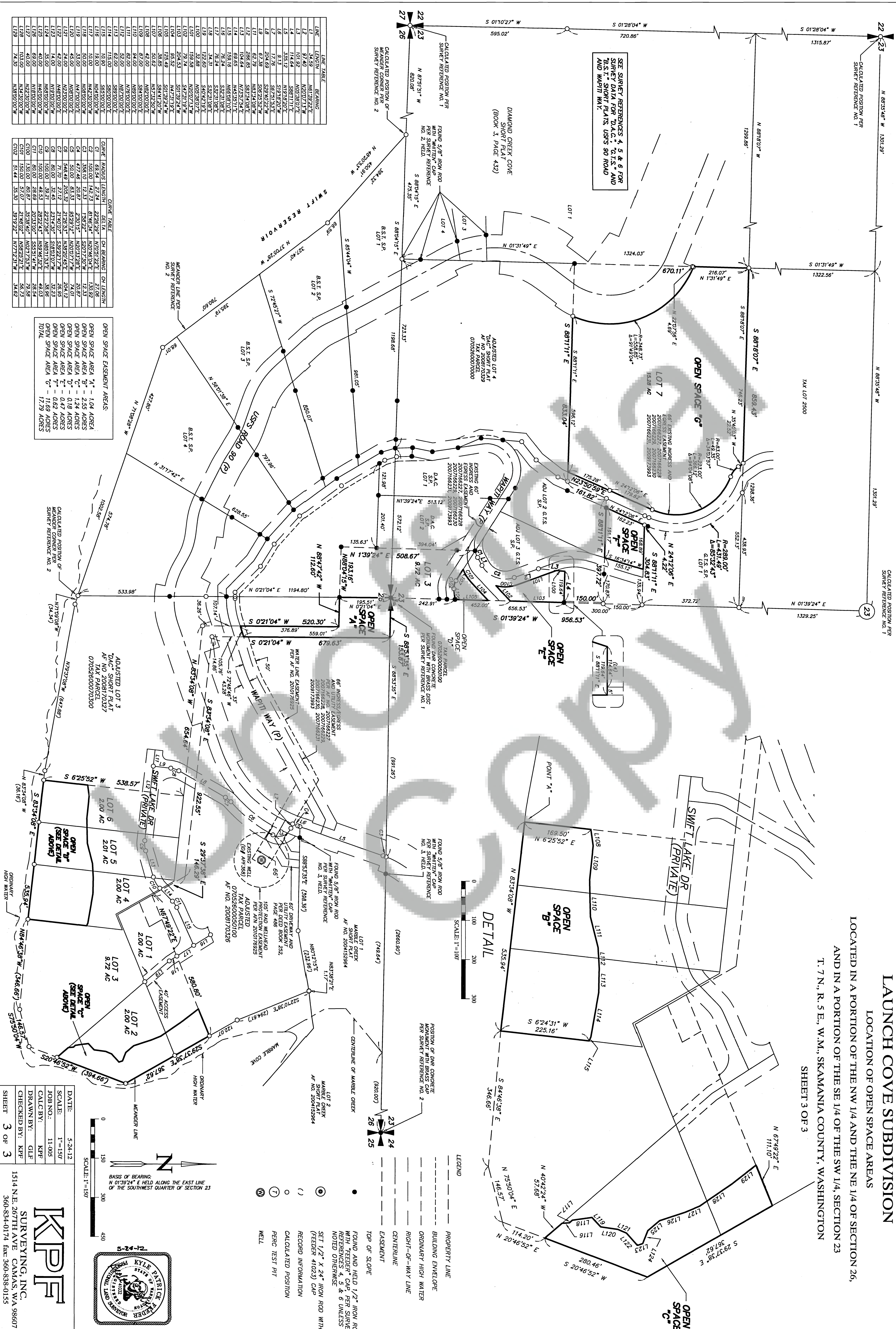
LOCATION OF OPEN SPACE AREAS

LOCATED IN A PORTION OF THE NW 1/4 AND THE NE 1/4 OF SECTION 26,

AND IN A PORTION OF THE SE 1/4 OF THE SW 1/4, SECTION 23

T. 7 N., R. 5 E., W.M., SKAMANIA COUNTY, WASHINGTON

SHEET 3 OF 3



LINE	LENGTH	BEARING
L1	34.59	N61°39'22"E
L2	97.40	N20°07'13"W
L3	114.52	N08°38'07"E
L4	114.52	N08°38'07"E
L5	335.12	N19°18'20"E
L6	9.13	S19°18'20"W
L7	17.76	S87°21'53"E
L8	204.69	S29°40'22"W
L9	62.36	S08°23'52"W
L10	286.65	S83°14'08"E
L11	104.64	N12°57'54"E
L12	69.65	N46°38'11"E
L13	159.16	N68°08'10"E
L14	78.24	S32°21'08"E
L15	34.51	S32°21'08"E
L16	122.80	S40°42'19"E
L17	32.89	N05°38'07"E
L18	159.55	N20°07'13"W
L19	79.74	S42°21'18"W
L20	20.14	S01°39'12"E
L21	104.52	N17°21'19"E
L22	95.52	N17°21'19"E
L23	125.49	S01°39'12"E
L24	38.65	S94°41'20"W
L25	50.62	N52°28'50"W
L26	42.00	N68°08'10"E
L27	94.40	S83°14'08"E
L28	62.00	N72°00'00"E
L29	62.00	N72°00'00"E
L30	62.00	N72°00'00"E
L31	62.00	N72°00'00"E
L32	62.00	N72°00'00"E
L33	62.00	N72°00'00"E
L34	62.00	N72°00'00"E
L35	62.00	N72°00'00"E
L36	62.00	N72°00'00"E
L37	62.00	N72°00'00"E
L38	62.00	N72°00'00"E
L39	62.00	N72°00'00"E
L40	62.00	N72°00'00"E
L41	62.00	N72°00'00"E
L42	62.00	N72°00'00"E
L43	62.00	N72°00'00"E
L44	62.00	N72°00'00"E
L45	62.00	N72°00'00"E
L46	62.00	N72°00'00"E
L47	62.00	N72°00'00"E
L48	62.00	N72°00'00"E
L49	62.00	N72°00'00"E
L50	62.00	N72°00'00"E
L51	62.00	N72°00'00"E
L52	62.00	N72°00'00"E
L53	62.00	N72°00'00"E
L54	62.00	N72°00'00"E
L55	62.00	N72°00'00"E
L56	62.00	N72°00'00"E
L57	62.00	N72°00'00"E
L58	62.00	N72°00'00"E
L59	62.00	N72°00'00"E
L60	62.00	N72°00'00"E
L61	62.00	N72°00'00"E
L62	62.00	N72°00'00"E
L63	62.00	N72°00'00"E
L64	62.00	N72°00'00"E
L65	62.00	N72°00'00"E
L66	62.00	N72°00'00"E
L67	62.00	N72°00'00"E
L68	62.00	N72°00'00"E
L69	62.00	N72°00'00"E
L70	62.00	N72°00'00"E
L71	62.00	N72°00'00"E
L72	62.00	N72°00'00"E
L73	62.00	N72°00'00"E
L74	62.00	N72°00'00"E
L75	62.00	N72°00'00"E
L76	62.00	N72°00'00"E
L77	62.00	N72°00'00"E
L78	62.00	N72°00'00"E
L79	62.00	N72°00'00"E
L80	62.00	N72°00'00"E
L81	62.00	N72°00'00"E
L82	62.00	N72°00'00"E
L83	62.00	N72°00'00"E
L84	62.00	N72°00'00"E
L85	62.00	N72°00'00"E
L86	62.00	N72°00'00"E
L87	62.00	N72°00'00"E
L88	62.00	N72°00'00"E
L89	62.00	N72°00'00"E
L90	62.00	N72°00'00"E
L91	62.00	N72°00'00"E
L92	62.00	N72°00'00"E
L93	62.00	N72°00'00"E
L94	62.00	N72°00'00"E
L95	62.00	N72°00'00"E
L96	62.00	N72°00'00"E
L97	62.00	N72°00'00"E
L98	62.00	N72°00'00"E
L99	62.00	N72°00'00"E
L100	62.00	N72°00'00"E
L101	62.00	N72°00'00"E
L102	62.00	N72°00'00"E
L103	62.00	N72°00'00"E
L104	62.00	N72°00'00"E
L105	62.00	N72°00'00"E
L106	62.00	N72°00'00"E
L107	62.00	N72°00'00"E
L108	62.00	N72°00'00"E
L109	62.00	N72°00'00"E
L110	62.00	N72°00'00"E
L111	62.00	N72°00'00"E
L112	62.00	N72°00'00"E
L113	62.00	N72°00'00"E
L114	62.00	N72°00'00"E
L115	62.00	N72°00'00"E
L116	62.00	N72°00'00"E
L117	62.00	N72°00'00"E
L118	62.00	N72°00'00"E
L119	62.00	N72°00'00"E
L120	62.00	N72°00'00"E
L121	62.00	N72°00'00"E
L122	62.00	N72°00'00"E
L123	62.00	N72°00'00"E
L124	62.00	N72°00'00"E
L125	62.00	N72°00'00"E
L126	62.00	N72°00'00"E
L127	62.00	N72°00'00"E
L128	62.00	N72°00'00"E
L129	62.00	N72°00'00"E
L130	62.00	N72°00'00"E
L131	62.00	N72°00'00"E
L132	62.00	N72°00'00"E
L133	62.00	N72°00'00"E
L134	62.00	N72°00'00"E
L135	62.00	N72°00'00"E
L136	62.00	N72°00'00"E
L137	62.00	N72°00'00"E
L138	62.00	N72°00'00"E
L139	62.00	N72°00'00"E
L140	62.00	N72°00'00"E
L141	62.00	N72°00'00"E
L142	62.00	N72°00'00"E
L143	62.00	N72°00'00"E
L144	62.00	N72°00'00"E
L145	62.00	N72°00'00"E
L146	62.00	N72°00'00"E
L147	62.00	N72°00'00"E
L148	62.00	N72°00'00"E
L149	62.00	N72°00'00"E
L150	62.00	N72°00'00"E
L151	62.00	N72°00'00"E
L152	62.00	N72°00'00"E
L153	62.00	N72°00'00"E
L154	62.00	N72°00'00"E
L155	62.00	N72°00'00"E
L156	62.00	N72°00'00"E
L157	62.00	N72°00'00"E
L158	62.00	N72°00'00"E
L159	62.00	N72°00'00"E
L160	62.00	N72°00'00"E
L161	62.00	N72°00'00"E
L162	62.00	N72°00'00"E
L163	62.00	N72°00'00"E
L164	62.00	N72°00'00"E
L165	62.00	N72°00'00"E
L166	62.00	N72°00'00"E
L167	62.00	N72°00'00"E
L168	62.00	N72°00'00"E
L169	62.00	N72°00'00"E
L170	62.00	N72°00'00"E
L171	62.00	N72°00'00"E
L172	62.00	N72°00'00"E
L173	62.00	N72°00'00"E
L174	62.00	N72°00'00"E
L175	62.00	N72°00'00"E
L176	62.00	N72°00'00"E
L177	62.00	N72°00'00"E
L178	62.00	N72°00'00"E
L179	62.00	N72°00'00"E
L180	62.00	N72°00'00"E
L181	62.00	N72°00'00"E
L182	62.00	N72°00'00"E
L183	62.00	N72°00'00"E
L184	62.00	N72°00'00"E
L185	62.00	N72°00'00"E
L186	62.00	N72°00'00"E
L187	62.00	N72°00'00"E
L188	62.00	N72°00'00"E
L189	62.00	N72°00'00"E
L190	62.00	N72°00'00"E
L191	62.00	N72°00'00"E
L192	62.00	N72°00'00"E
L193	62.00	N72°00'00"E
L194	62.00	N72°00'00"E
L195	62.00	N72°00'00"E
L196	62.00	N72°00'00"E
L197	62.00	N72°00'00"E
L198	62.00	N72°00'00"E
L199	62.00	N72°00'00"E
L200	62.00	N72°00'00"E

LINE	LENGTH	BEARING
L1	34.59	N61°39'22"E
L2	97.40	N20°07'13"W
L3	114.52	N08°38'07"E
L4	114.52	N08°38'07"E
L5	335.12	N19°18'20"E
L6	9.13	S19°18'20"W
L7	17.76	S87°21'53"E
L8	204.69	S29°40'22"W
L9	62.36	S08°23'52"W
L10	286.65	S83°14'08"E
L11	104.64	N12°57'54"E
L12	69.65	N46°38'11"E
L13	159.16	N68°08'10"E
L14	78.24	S32°21'08"E
L15	34.51	S32°21'08"E
L16	122.80	S40°42'19"E
L17	32.89	N05°38'07"E
L18	159.55	N20°07'13"W
L19	79.74	S42°21'18"W
L20	20.14	S01°39'12"E
L21	104.52	N17°21'19"E
L22	95.52	N17°21'19"E
L23	125.49	S01°39'12"E
L24	38.65	S94°41'20"W
L25	50.62	N52°28'50"W
L26	42.00	N68°08'10"E
L27	94.40	S83°14'08"E
L28	62.00	N72°00'00"E
L29	62.00	N72°00'00"E
L30	62.00	N72°00'00"E
L31	62.00	N72°00'00"E
L32	62.00	N72°00'00"E
L33	62.00	N72°00'00"E
L34	62.00	N72°00'00"E
L35	62.00	N72°00'00"E
L36	62.00	N72°00'00"E
L37	62.00	N72°00'00"E
L38	62.00	N72°00'00"E
L39	62.00	N72°00'00"E
L40	62.00	N72°00'00"E
L41	62.00	N72°00'00"E
L42	62.00	N72°00'00"E
L43	62.00	N72°00'00"E
L44	62.00	N72°00'00"E
L45	62.00	N72°00'00"E
L46	62.00	N72°00'00"E
L47	62.00	N72°00'00"E
L48	62.00	N72°00'00"E
L49	62.00	N72°00'00"E
L50	62.00	N72°00'00"E
L51	62.00	N72°00'00"E
L52	62.00	N72°00'00"E
L53	62.00	N72°00'00"E
L54	62.00	N72°00'00"E
L55	62.00	N72°00'00"E
L56	62.00	N72°00'00"E
L57	62.00	N72°00'00"E
L58	62.00	N72°00'00"E
L59	62.00	N72°00'00"E
L60	62.00	N72°00'00"E
L61	62.00	N72°00'00"E
L62	62.00	N72°00'00"E
L63	62.00	N72°00'00"E
L64	62.00	N72°00'00"E
L65	62.00	N72°00'00"E
L66	62.00	N72°00'00"E
L67	62.00	N72°00'00"E
L68	62.00	N72°00'00"E
L69	62.00	N72°00'00"E
L70	62.00	N72°00'00"E
L71	62.00	N72°00'00"E
L72	62.00	N72°00'00"E
L73	62.00	N72°00'00"E
L74	62.00	N72°00'00"E
L75	62.00	N72°00'00"E
L76	62.00	N72°00'00"E
L77	62.00	N72°00'00"E
L78	62.00	N72°00'00"E
L79	62.00	N72°00'00"E
L80	62.00	N72°00'00"E
L81	62.00	N72°00'00"E
L82	62.00	N72°00'00"E
L83	62.00	N72°00'00"E
L84	62.00	N72°00'00"E
L85	62.00	N72°00'00"E
L86	62.00	N72°00'00"E
L87	62.00	N72°00'00"E
L88	62.00	N72°00'00"E
L89	62.00	N72°00'00"E
L90	62.00	N72°00'00"E
L91	62.00	N72°00'00"E
L92	62.00	N72°00'00"E
L93	62.00	N72°00'00"E
L94	62.00	N72°00'00"E
L95	62.00	N72°00'00"E
L96	62.00	N72°00'00"E
L97	62.00	N72°00'00"E
L98	62.00	N72°00'00"E
L99	62.00	N72°00'00"E
L100	62.00	N72°00'00"E
L101	62.00	N72°00'00"E
L102	62.00	N72°00'00"E
L103	62.00	N72°00'00"E
L104	62.00	N72°00'00"E
L105	62.00	N72°00'00"E
L106	62.00	N72°00'00"E
L107	62.00	N72°00'00"E
L108	62.00	N72°00'00"E
L109	62.00	N72°00'00"E
L110	62.00	N72°00'00"E
L111	62.00	N72°00'00"E
L112	62.00	N72°00'00"E
L113	62.00	N72°00'00"E
L114	62.00	N72°00'00"E
L115	62.00	N72°00'00"E
L116	62.00	N72°00'00"E
L117	62.00	N72°00'00"E
L118	62.00	N72°00'00"E
L119	62.00	N72°00'00"E
L120	62.00	N72°00'00"E
L121	62.00	N72°00'00"E
L122	62.00	N72°00'00"E
L123	62.00	N72°00'00"E
L124	62.00	N72°00'00"E
L125	62.00	N72°00'00"E
L126	62.00	N72°00'00"E
L127	62.00	N72°00'00"E
L128	62.00	N72°00'00"E
L129	62.00	N72°00'00"E
L130	62.00	N72°00'00"E</