

FILED
 Date: 12/20/2012 By: RFB
 This survey consists of:
 Map: M 164-49
 Narrative:
 Corner Rpt: _____

DOUGLAS COUNTY
 SURVEYOR

PROPERTY SURVEY

LOCATED IN THE:
 S.E. 1/4 OF SECTION 21,
 TOWNSHIP 30 SOUTH, RANGE 5 WEST,
 WILLAMETTE MERIDIAN, DOUGLAS COUNTY, OREGON

PREPARED FOR:
 COW CREEK BAND of UMPQUA
 TRIBE of INDIANS
 2371 N.E. STEPHENS ST., SUITE 100
 ROSEBURG, OREGON 97470

SURVEYED BY:
 RAYMOND F. BROWN - P.L.S. # 2391
 P.O. BOX 539
 CANYONVILLE, OREGON 97417
 PHONE: (541) 839-6185

NARRATIVE:

PURPOSE OF THE SURVEY WAS TO DEFINE THAT PROPERTY DEFINED BY DEED REFERENCE NUMBER 2011-5663, DEED RECORDS, DOUGLAS COUNTY, OREGON. FIELD INVESTIGATION LOCATED THE SAID FOUND MONUMENTS AND CONDITIONS. THE SOUTHWEST BOUNDARY WAS CONTROLLED BY EXISTING MONUMENTS PER SURVEY M 133-63 AND THE RECORDED DISTANCE PER SAID SURVEY M 133-63 TO THE CENTER OF THE SOUTH UMPQUA RIVER. I THEN HELD RECORDED ANGLES PER SAID DEED TO PROJECT THE CENTER OF THE SAID SOUTH UMPQUA RIVER, AS THIS WORKS OUT TO BE VERY CLOSE TO THE DISTANCES OF RECORD FOR THE NORTHEAST AND SOUTHEAST BOUNDARY. ONCE COMPLETING THE CALCULATIONS FOR THE CENTER OF THE SAID SOUTH UMPQUA RIVER, I THEN CLOSED THE TRAVERSE BY TYING TO THE EXISTING FOUND MONUMENTS ALONG THE SOUTHEAST BOUNDARY COMMON WITH KLENKE LANE PER SURVEYS M 133-63 AND M 144-54. GPS CORDINATES WERE OBTAINED AT THE SAID FOUND MONUMENT THAT BEARS S 44°05'49" W 97.97' FROM THE MOST SOUTHERLY PROPERTY CORNER TO THE SECTION CORNER COMMON TO SECTIONS 21, 22, 27 & 28, TOWNSHIP 30 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN AND WAS USED AS " BASIS OF BEARING ".

LINE INDEX:

- A N 44°05'49" E 97.97'
(N 42°43'32" E 98.00) -1
- B S 61°38'06" W 57.95'
(S 60°18'00" W 58.00') -4
- C S 74°29'24" E 26.08'
(S 77°02'32" W 26.11') -3
- D S 74°20' 23" E 89.88'
(S 77°10'00" E 89.92') -2

LEGEND

- FOUND AS NOTED
- ⊙ FD. 1" IRON PIPE PER M 133-63
- SET 5/8" X 30" IRON ROD WITH PLASTIC CAP ATTACHED, MKD. " R. BROWN, P.L.S. 2391 "
- ⊙ FD. 5/8" IRON ROD PER M 158-46
- BRASS DISK FOUND
- () -1 RECORD AS PER M 133-63
- () -2 RECORD AS PER M 158-46
- () -3 RECORD AS PER M 144-54
- () -4 RECORD AS PER DEED NO. 2011-5663

DECEMBER 2012
 SCALE: 1" = 50'

N= 477547.729
 E= 4174906.400
 FD. 1" IRON PIPE AS NOTED
 STATE PLANE COORDINATES
 NAD 83 SOUTH ZONE

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
 OREGON
 JULY 26 1989
 RAYMOND F. BROWN
 2391

EXP. 12/31/13

SECTION CORNER FOR
 SECTIONS 21, 22, 27, 28,
 T. 30 S., R. 5 W., W.M.
 N= 476890.037
 E= 4175466.833
 FD. BRASS CAP PER
 RENEWAL FOR P.L.S. I.D. # 400300
 STATE PLANE COORDINATES
 NAD 83 SOUTH ZONE

S 42°20'30" E TRUE 89.372'
 S 40°28'06" E GRID 86.408' CALC.
 BASIS OF BEARING

MAP FILE M164-49

MAP FILE M164-49