

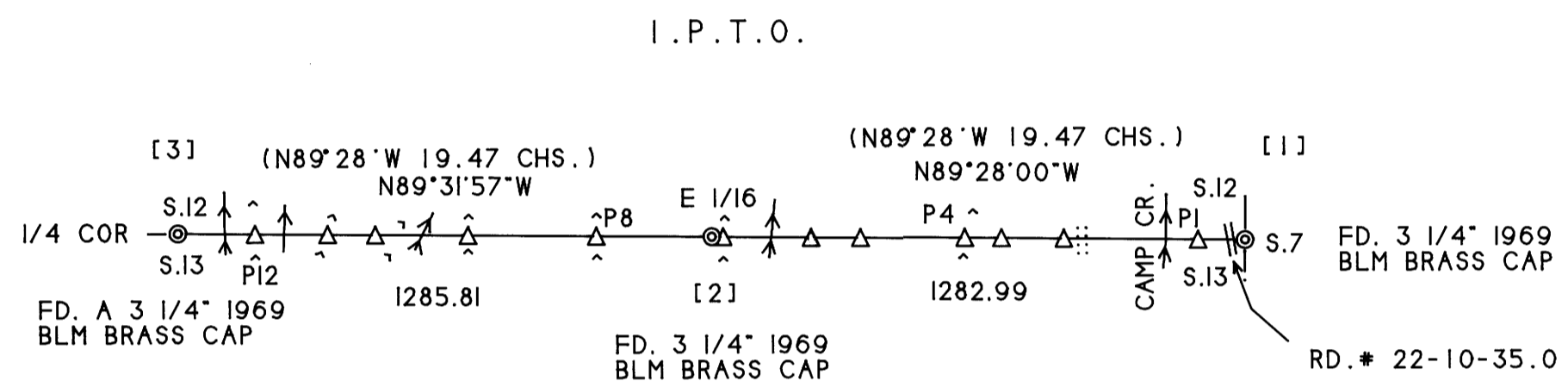
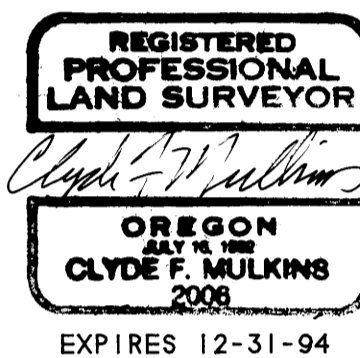
BOUNDARY SURVEY LOCATED IN THE  
SE 1/4. S.12. T.23 S.. R.9 W.. W.M.. DOUGLAS CO., OR.

FILED  
Date: 5/5/94 By: JP  
This survey consists of:  
Map: M118-71  
Narrative:  
Corner Rpt:

J. DOUGLAS COUNTY  
SURVEYOR

SURVEY FOR:  
IP TIMBERLANDS OPERATING CO., LTD.  
711 PORT DOCK ROAD  
REEDSPORT, OR. 97467

SURVEY BY:  
CLYDE F. MULKINS  
TIMBER CRUISING & ENGINEERING  
P.O. BOX 750  
COOS BAY, OR. 97420



BASIS OF BEARING - ASSUMED BETWEEN CORNERS 1 AND 2  
PER BLM SURVEY

MAP FILE M118-71

CORNER NOTES

CORNER #1: FD. A 1969 BLM BRASS CAP AT THE CORNER OF SECTIONS 12 AND 13 T.23 S.. R.9 W. AND SECTION 7 T.23 S.. R.8 W.. FROM WHICH: FD. A 17" DF WITH A HEALED FACE BEARS N13°W, 43.9 FT.; FD. A 23" HEMLOCK WITH A HEALED FACE BEARS S81°W, 139.9 FT.; FD. A 29" DF WITH A HEALED FACE BEARS S30°E, 11.0 FT. (RECORD 17 lks.); FD. AN "X" CHISELED ON THE NE CORNER OF LINDY BRIDGE BEARS S7 3/4°W, 166.3 FT.. THE CORNER FALLS APPROX. 60 FT. EAST OF PAVED ROAD.

CORNER #2: FD. A 1969 BLM BRASS CAP AT THE E 1/16 BETWEEN SECTIONS 12 AND 13 T.23 S.. R.9 W.. FROM WHICH: FD. A 10" HEMLOCK WITH A HEALED FACE BEARS N11°W, 13.8 FT. TAG READS N08 3/4°W, 20 lks. (RECORD N12 1/2°W, 24 lks.); FD. A 7" HEMLOCK WITH A HEALED FACE BEARS S11°E, 10.7 FT. (RECORD S13 3/4°E, 16.5 lks.)

CORNER #3: FD. A 1969 BLM BRASS CAP AT THE 1/4 CORNER BETWEEN SECTIONS 12 AND 13 T.23 S.. R.9 W.. FROM WHICH: FD. A 26" HEMLOCK WITH A HEALED FACE BEARS N51°W, 36.9 FT. (RECORD 58 1/2 lks.); FD. A 57" DF WITH A HEALED FACE BEARS N50°E, 30.5 FT. (RECORD 47 lks.); FD. A 26" HEMLOCK WITH VISIBLE SCRIBES BEARS S75°E, 30.5 FT. (RECORD S78°E, 45 1/2 lks.); 1 SCRIBE 1/4 S12 BT ON A 13" HEMLOCK BEARS N69°E, 21.4 FT.

LEGEND

- ⊙ FD. CORNERS AS SHOWN
- ══ PAVED ROAD
- ⋯⋯ PROPOSED ROAD
- ←← CREEK \ DRAW
- ◀◀ RIDGE
- [ ] CORNER REF. NO.
- ( ) BLM RECORD MEASUREMENTS
- △ 6" ALUM. POSTS - PER NARRATIVE

SCALE 1" = 400'  
APRIL 4, 1994

POSTING NOTES

POST	DIR.	DIST.	TO	TREE	REFERENCE BEARS	DIST.
1	E	116	SEC. COR.	9" ALDER	SOUTH	3.0'
2	E	436		54" DF	S46°W	4.9'
3	E	586		20" DF	S35°E	8.7'
4	E	674		12" DF	EAST	1.5'
5	E	925		34" DF	EAST	8.8'
6	E	1044		12" WH	S41°E	3.2'
7	E	1256		50" DF	N85°W	4.5'
8	E	278	1/16 COR.	68" DF	S87°W	21.0'
9	E	587		11" WH	S85°W	5.7'
10	E	810		10" ALDER	N82°E	4.0'
11	E	925		28" DF	N15°E	4.2'
12	E	1100		48" DF	S27°W	5.0'

NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO ESTABLISH THE PROPERTY LINES, AS SHOWN, FOR FUTURE FOREST OPERATIONS. THIS SURVEY IS BASED ON A 1969 BLM DEPENDENT RESURVEY OF A PORTION OF SUBDIVISIONAL LINES AND A PORTION OF THE EAST BOUNDARY OF T.23 S.. R.9 W.. W.M.. A CLOSED TRAVERSE WAS RUN BETWEEN EXISTING CORNERS IN THIS SURVEY. ASSISTING ME WITH THIS SURVEY WERE TROY RAMBO, MATT MARTIN, AND FLOYD VANDERVELDEN, LS 1047. THE FIELD WORK WAS PERFORMED BETWEEN JANUARY 24 AND MARCH 31, 1994. THE FIELD TRAVERSE WAS PERFORMED WITH A TOPCON GTS-301 TOTAL STATION. THE UNADJUSTED CLOSURE WAS 1/14500 WITH 33 POINTS IN 5710 FEET. ANGULAR ERROR 1/2 SECOND PER SET UP. ALL EXISTING AND ESTABLISHED BEARING TREES HAVE BEEN PAINTED RED. DISTANCES ARE MEASURED TO A 6" STEEL SPIKE AT SIDE CENTER BASE OF TREES. BEARINGS ARE MAGNETIC WITH DELC. 20°E. I.P.T.O. BOUNDARIES HAVE BEEN MARKED WITH 6" ALUMINUM POSTS WITH STICKERS, RED PAINTED BLAZES, AND RED RIBBONS. THE POSTS ARE REFERENCED TO A NEARBY TREE AS NOTED IN THE LINE POSTING NOTES. BEARINGS ARE MAGNETIC WITH DELC. 20°E. DISTANCES ARE TO THE TAGS. A PLASTIC ENCASED MAGNET IS BURIED 1' EAST OF EACH POST 12" TO 18" DEEP.

COUNTY SURVEYORS FILE DATA  
NOT REMOVE FROM OFFICE

MAP FILE M118-71