

BOUNDARY SURVEY

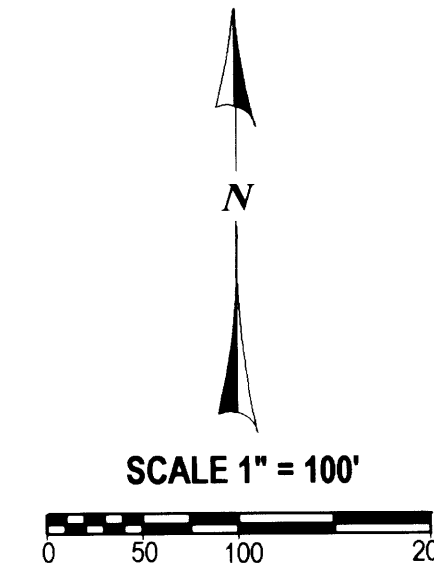
IN THE WEST 1/2 OF SECTION 16, T. 22 S., R. 9 W., W. M.
DOUGLAS COUNTY, OREGON - SEPTEMBER 2009

FILED
Date: 9-14-2009 By: JC
This survey consists of:
Map: M159-70
Narrative: _____
Corner Rpt: _____
DOUGLAS COUNTY
SURVEYOR

CURVE	2
DELTA	4°09'43"
RADIUS	2292.11
ARC	166.50
TAN	83.29
CHORD	N 61°50'08"W 166.46

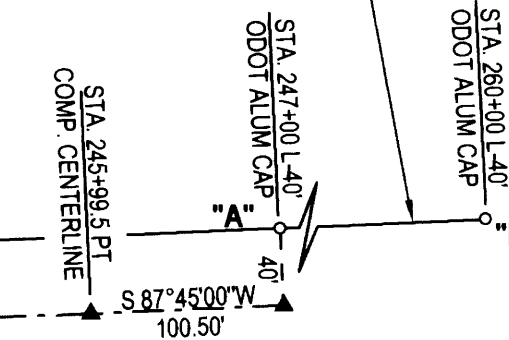
LEGEND:

- FOUND 1/2" IRON ROD OR AS NOTED
- SET 5/8" X 30" IRON ROD W/ RED PLASTIC CAP *SWEEDEN LS 2752*
- ▲ COMPUTED POINT, NOTHING FOUND OR SET
- () RECORD PER STATE HIGHWAY PLANS
- ()R1 RECORD PER INST. #91-18434
- ()R2 RECORD PER M72-7
- ()R3 RECORD PER M153-64

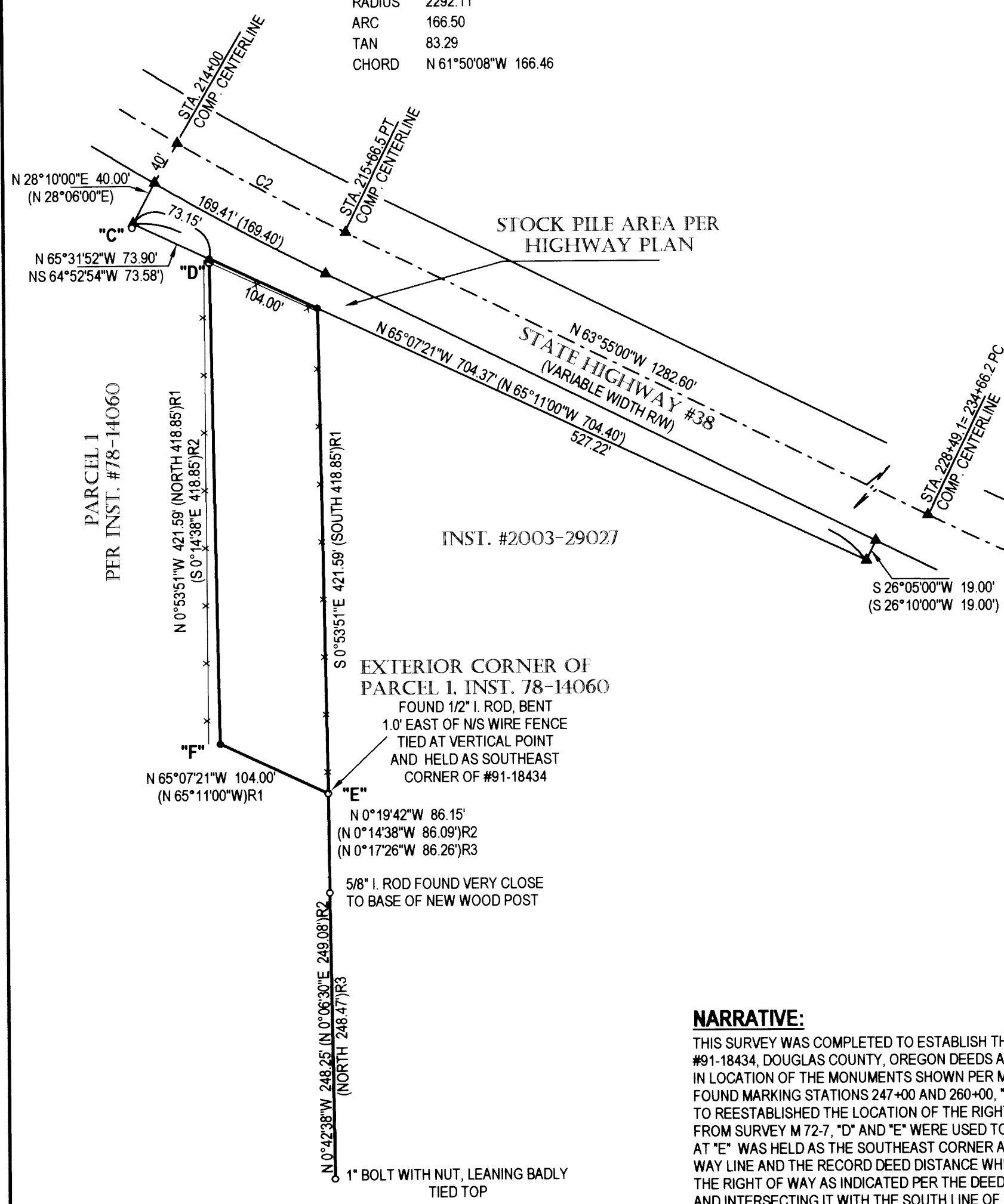


BASIS OF BEARING PER HIGHWAY PLAN

S 87°45'00"W 1300.06' (1300.00')



CURVE	1
DELTA	28°20'00"
RADIUS	2291.82
ARC	1133.33
TAN	578.50
CHORD	N 78°05'00"W 1121.82



EXTERIOR CORNER OF
PARCEL 1, INST. 78-14060
FOUND 1/2" I. ROD, BENT
1.0' EAST OF N/S WIRE FENCE
TIED AT VERTICAL POINT
AND HELD AS SOUTHEAST
CORNER OF #91-18434

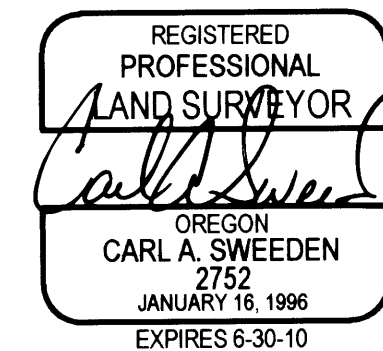
5/8" I. ROD FOUND VERY CLOSE
TO BASE OF NEW WOOD POST

1" BOLT WITH NUT, LEANING BADLY
TIED TOP

NARRATIVE:

THIS SURVEY WAS COMPLETED TO ESTABLISH THE BOUNDARIES OF THAT LAND DESCRIBED AS PARCEL 2 IN INSTRUMENT #91-18434, DOUGLAS COUNTY, OREGON DEEDS AND RECORDS. A SEARCH AT THE LOCATION OF THE PROPERTY RESULTED IN LOCATION OF THE MONUMENTS SHOWN PER M 30-67, M 37-55, M 72-7 AND PER STATE HIGHWAY PLANS. THE MONUMENTS FOUND MARKING STATIONS 247+00 AND 260+00. "A" AND "B" WERE HELD AS THE BASIS OF BEARING FOR THIS SURVEY AND TO REESTABLISHED THE LOCATION OF THE RIGHT OF WAY AS COMPUTED PER THE STATE HIGHWAY PLANS. THE MONUMENTS FROM SURVEY M 72-7, "D" AND "E" WERE USED TO RE-ESTABLISH THE BOUNDARY CORNERS AS FOLLOWS. THE MONUMENT AT "E" WAS HELD AS THE SOUTHEAST CORNER AND POINT "F" WAS COMPUTED USING THE BEARING OF THE SOUTH RIGHT OF WAY LINE AND THE RECORD DEED DISTANCE WHICH MATCHES M 72-7. THIS RESULTS IN THE SOUTH LINE BEING PARALLEL TO THE RIGHT OF WAY AS INDICATED PER THE DEED. THE WEST LINE WAS THEN ESTABLISHED BY HOLDING THE LINE "F" TO "D" AND INTERSECTING IT WITH THE SOUTH LINE OF THE STOCK PILE AREA PER THE HIGHWAY PLANS. THE NORTHEAST CORNER WAS THEN ESTABLISHED ALONG THE SOUTH LINE OF THE STOCK PILE AREA AT THE DEED RECORD DISTANCE AND THE EAST LINE ESTABLISHED BETWEEN THE NORTHEAST CORNER AND POINT "E". SURVEY M72-7 WAS COMPLETED USING THE AS-CONSTRUCTED LOCATION OF HIGHWAY #38 WHICH NOW LEAVES THE TWO FOUND 1/2" IRON RODS AT POSITIONS "C" AND "D" BEING SOUTH OF THE STOCK PILE AREA SOUTH LINE. THIS SURVEY HOLDS THE MONUMENT AT "E" AS IT HAS BEEN IN PLACE FOR 31 YEARS, HAS BEEN USED FOR FENCE RECONSTRUCTION AND HAS BEEN LOCATED AND ACKNOWLEDGED IN RECENT SURVEYS RESULTING IN IT BEING ACCEPTED AS A LOCAL CONTROLLING CORNER. TWO DIFFERENT RADIUS LENGTHS RESULT FOR THE CURVE ENDING AT STATION 215+66.5 DEPENDING ON THE METHOD USED FOR COMPUTATION. THIS SURVEY USES THE METHOD OF THE TANGENT LENGTH DIVIDED BY THE TANGENT OF 1/2 DELTA WHICH RESULTS IN CALCULATED DISTANCES BEING VERY CLOSE TO RECORD.

EQUIPMENT USED: NIKON DTM-521 W/ SUPPORT
MAPPING AND CALC'S: C. SWEEDEN
FIELD CREW: C. SWEEDEN



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