

WOBBE & ASSOCIATES, INC.

P.O. BOX 3093510 KINGWOOD STREET
FLORENCE, OREGON - 97439

Phone (541) 997-8411

February 23, 2021
City of Florence
250 Hwy 101
Florence, Oregon

Regarding Fairway Estates Phase 2:

I have recently conducted a topographic survey of the parcel for the proposed subdivision of Fairway Estates – Phase 2. Title 11 - Subdivision Regulations, Section 11-3-2: C.7 requires a topographic survey of the proposed subdivision for the Tentative Plan. A topographic survey is also needed for the engineer to design street elevation/grade as well as sanitary sewer and storm water facilities. Current “on-site” storm water practices require a more detailed topographic survey than in the past. For sites like this, the dense vegetation makes it impossible to conduct a typical survey radially from survey station points. A Cross Section survey typically would survey cross sections on a 25 foot grid by cutting parallel lines at 25 foot intervals across the property. For this site, that would have involved approximately 4 miles of brush cutting. Doing so would not have picked up much of the topographic detail required because of being obscured by brush between the lines. Having a brushed site allowed the survey to follow each topographic feature of toe of slope, top of bank and top of ridge as well as being able to see swales and low points. The survey tied over 1700 topographic points. To conduct the survey as done with these details would have required almost 8 miles of line brushing (See the attached Work Sheet for surveyed points and lines). Also attached is a topographic map of the site prepared from the surveyed points.

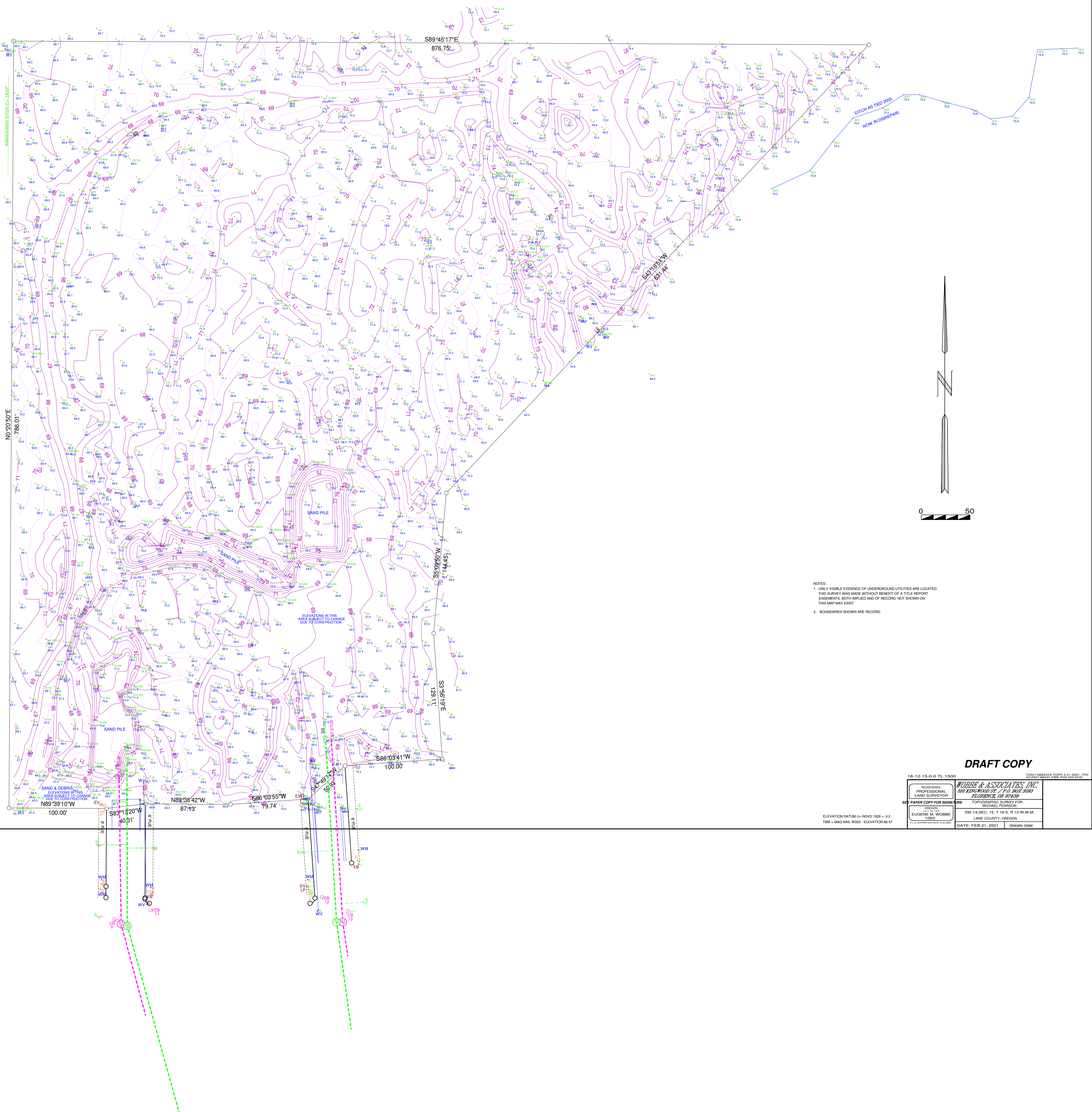
Respectfully submitted,

EMW

Eugene M. Wobbe PLS WRE



ALPINE MEADOWS - FACING NORTH



NOTES:
1. ONLY VISIBLE EVIDENCE OF UNDERGROUND UTILITIES ARE LOCATED.
THIS SURVEY WAS MADE WITHOUT BENEFIT OF A TITLE REPORT.
EASEMENTS, BOTH IMPLIED AND OF RECORD, NOT SHOWN ON
THIS MAP MAY EXIST.
2. BOUNDARIES SHOWN ARE RECORD.

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10-12-15-0-0 TL 1500	
REGISTERED PROFESSIONAL LAND SURVEYOR EUGENE M. WORBE 1000 700 S. COMMERCIAL AVENUE	WORBE & ASSOCIATES, INC. 400 KING ROAD, ST. LOUIS, MO 63104 FLORENCE, OR 97139 MICHAEL PEARSON SW 1/4 SEC. 15, T14N 24N R12E W1/2M 1/4 LANE COUNTY, OREGON DATE: FEB 21, 2021 DRAWN: EMW

ELEVATION DATUM UTM - NAD83 1985 - 0.2
TBM - MAGNAIL W200 - ELEVATION 86.47