



Jennifer Orozco

From: Hannah Elliott
Sent: Wednesday, July 24, 2024 11:58 AM
To: Jennifer Orozco
Cc: Plan
Subject: FW: Greenbar Excavation document
Attachments: BOP 2nd supplemental 7.24.24.pdf; Exhibit E - Survey of volume 7.24.24 revised.pdf

From: Lisa Andrach <lisa@fitchandneary.com>
Sent: Wednesday, July 24, 2024 11:43 AM
To: Hannah Elliott <Hannah.Elliott@crookcountyor.gov>
Subject: Greenbar Excavation document

Hannah,

Tanner and Greg Kelso just sent me a revised survey computing the volume of aggregate resource based upon the DOGAMI mining rules. (Attached Exhibit E). I understand that the original Exhibit 7 survey was based upon a business projection calculation for the benefit of Tanner and not to show the volume of the resource on the site for significance. I've included a 2nd supplemental BOP to address the change in the survey. (attached).

Thank you.

Lisa Andrach, Attorney



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Burden of Proof Statement
(Second Supplemental)

BEFORE THE CROOK COUNTY PLANNING DEPARTMENT

FILE NO.: 217-24-000070-PLNG

APPLICANT/: GREENBAR EXCAVATION, LLC
OWNER Tanner Brown
P.O. Box 7
Prineville, Oregon 97754

ATTORNEY: Lisa Andrach
Fitch & Neary P.C.
210 SE 5th St., Suite 2
Redmond, Oregon 97756

GEOTECHNICAL
ENGINEER: Watkins Testing & Inspection
19061 Choctaw Road
Bend, Oregon 97702

REQUEST: An Application to modify the Crook County Basalt Resource Inventory to add approximately 226,000 cubic yards of basalt aggregate volume located on tax map 161612, Lot 500 to the 1-C Bartels Site on the Mineral and Aggregate Inventory of the County Comprehensive Plan, Appendix 5.3, and to make the ESEE findings to allow mining of the additional resource. The Bartels Site was added by Ordinance 172 of the Crook County Court (2006-162);

1. Quantity: Updated Volume Calculation

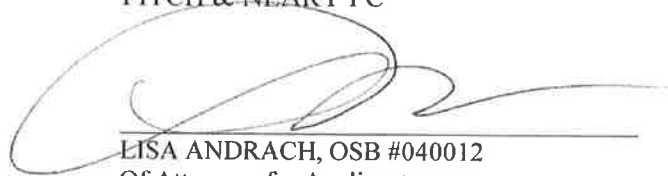
The attached Topographic Survey and Volumetric Analysis was prepared by Greg Kelso, a professional surveyor. (**Exhibit E – 7.24.24 Revised Topographic Survey and Volumetric Analysis**) Greg has recalculated the minimum volume of material that the applicant can mine for Lot 15 and the combined site. The initial survey submitted as Exhibit 7 was based upon a business calculation for the applicant, and not the minimum aggregate available following the DOGAMI rules and regulations for cut and slope.

Applying the cut/slope regulations to the site computes a minimum average volume of 272,705 cubic yards, which calculates to 436,328 tons (using the 1=1.6 ratio), or 518,139.50 tons (using

the 1.9 ratio that Carlson Geotechnical applied to basalt rock based upon its sample testing).
(Exhibit D, Pg. 2 from 7.23.24 BOP).
The initial Exhibit 7 was prepared for the applicant for a different purpose, and therefore was not
computed to show the significance of the quantity of the resource on the site.

DATED this 24th day of July, 2024.

FITCH & NEARY PC



LISA ANDRACH, OSB #040012

Of Attorneys for Applicant

210 SW 5th St, Suite 2

Redmond, OR 97756

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TOPOGRAPHIC SURVEY AND VOLUMETRIC ANALYSIS OF THE EXISTING GROUND OF THE EXISTING ROCK PIT LOCATED ON PARCEL 1 OF PARTITION PLAT 2004-11 AND LOT 15 OF PHASE 2 OF THE CIMMARON HILLS SUBDIVISION, LOCATED IN THE NW1/4 OF SECTION 12, T.16S., R.16E., W.M., CROOK COUNTY, OREGON.
W.O. 1591

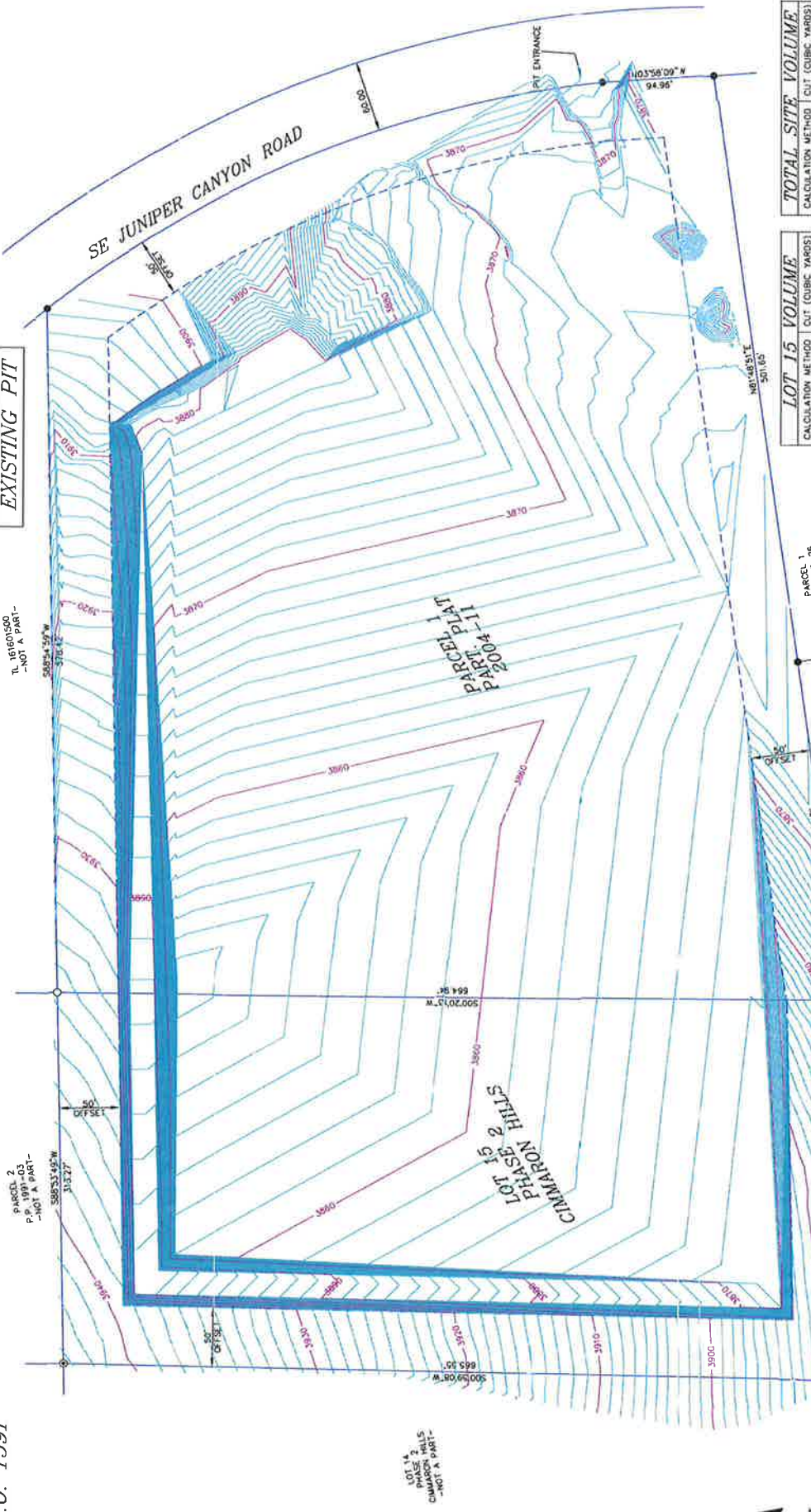
SURVEY FOR
GREENBAR EXCAVATION
P.O. BOX 7
783 NW THIRD STREET
PRINEVILLE, OR 97754
(541) 536-6647

SURVEY BY
WELSO LAND SURVEYING, LLC
783 NW THIRD STREET
PRINEVILLE, OR 97754
(541) 420-8057

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JANUARY 21, 1997
ORDINARY & 10330
2795

EXISTING PIT



TOTAL SITE VOLUME	
CALCULATION METHOD	CUT (CUBIC YARDS)
GRID METHOD	533,768
COMPOSITE METHOD	533,869
AVE. END AREA (X)	533,695
PROVISIONAL (X)	533,680
AVERAGE VOLUME	533,697

LOT 15 VOLUME	
CALCULATION METHOD	CUT (CUBIC YARDS)
GRID METHOD	273,685
COMPOSITE METHOD	271,847
AVE. END AREA (X)	273,674
PROVISIONAL (X)	273,655
AVERAGE VOLUME	272,629

- LEGEND**
- EXISTING 5/8" IRON ROD WITH YELLOW PLASTIC CAP AS PER THE PLAT OF CIMMARON HILLS PHASE 2 BY TODD R. CATTERSON, LS 53270, RECORDED JUNE 7, 2004
 - EXISTING 2" ALUMINUM PIPE AS PER THE PLAT OF CIMMARON HILLS PHASE 2 BY TODD R. CATTERSON, LS 53270, RECORDED MARCH 13, 2007
 - ⊙ EXISTING 5/8" IRON ROD WITH YELLOW PLASTIC CAP AS PER THE PLAT OF CIMMARON HILLS PHASE 2 BY TODD R. CATTERSON, LS 53270, RECORDED MARCH 13, 2007
 - ⊙ EXISTING 5/8" IRON ROD WITH YELLOW PLASTIC CAP AS PER THE PLAT OF CIMMARON HILLS PHASE 2 BY TODD R. CATTERSON, LS 53270, RECORDED MARCH 13, 2007
 - ⊙ HILLS PHASE 1 BY TODD R. CATTERSON, LS 3270, RECORDED MAY 13, 2005



EXHIBIT E

LOT 14
LOT 15
CIMMARON HILLS
-NOT A PART-

TL 16161500
-NOT A PART-
58524.57' W
378.42'

PARCEL 2
P.P. 1991.03
-NOT A PART-
58533.45' W
313.27'

LOT 14
LOT 15
CIMMARON HILLS
-NOT A PART-

PARCEL 1
P.P. 2005-26
-NOT A PART-

PARCEL 1
P.P. 2006-06
-NOT A PART-

PARCEL 1
P.P. 2007-10
-NOT A PART-

PARCEL 1
P.P. 2008-10
-NOT A PART-

PARCEL 1
P.P. 2009-10
-NOT A PART-

PARCEL 1
P.P. 2010-10
-NOT A PART-

PARCEL 1
P.P. 2011-10
-NOT A PART-

PARCEL 1
P.P. 2012-10
-NOT A PART-