



March 22, 2023

Project No. 11457.005

Lost Pines Groundwater Conservation District
General Manager
908 Loop 230
P.O. Box 1027
Smithville, Texas 78957

Attention: Lost Pines Groundwater Conservation District

Re: Rambo Materials, LLC., John Ramming – Sand & Gravel Mining Facility
Well and Operating Permits – 267 Wilbarger Rd, Bastrop, Texas 78006
Response to Comments

Mr. James Totten,

On behalf of Rambo Materials, LLC. (Rambo) and John Ramming, we are submitting the attached revised well operation permit application and attachments for the property located at 267 Wilbarger Bend Rd, Bastrop, TX 78602. This submittal is in response to comments received from Lost Pines Groundwater Conservation District staff following the submittal of an initial well permit application package on July 25, 2023, as well as an Aquifer Test Report submitted on December 14, 2023. Please note that new and revised information is being presented within this cover letter, as well as the attached supporting documents, to address application review comments made by Lost Pines Groundwater Conservation District staff.

Rambo is currently leasing the subject property from Ramming Land Bastrop LLC (the landowner) and plans to develop a sand & gravel mine on the site (see attached redacted Sand and Gravel Lease Agreement). To aid the operation, Rambo is planning on drawing Alluvium Aquifer groundwater from one location on the property and Hooper Aquifer groundwater from a separate location on the property. Water withdrawn from the two aquifers will be utilized for aggregate washing at the plant, dust control on the roads and pad, and an on-site septic system. The two locations of withdrawal will be one water well and a sump in an open mining pit. The open pit sump (#58 53 9 0063) has already been approved for operation by LPGCD with an authorized withdrawal of 50 acre-ft per year.

The water well permit seeks an annual withdrawal of 102 acre-feet per year, while the existing open pit sump permit allows for an additional withdrawal of 50 acre-feet per year, resulting in a combined withdrawal of 152 acre-feet per year. Most of the water usage will go to aggregate washing at the plant. For the septic system, Rambo is currently permitted with Bastrop County for a 600 G.P.D. ATU Aqua Klear AK600CA. For estimating purposes, a conservative estimate of water usage at 5 days a week for 52 weeks a year: $600 \text{ gal/day} \times 5 \text{ day/week} \times 52 \text{ weeks/year} \times 0.133 \text{ cu. ft/gal} \times 0.000023 \text{ ac/sq. ft}$ gives 0.48 ac-ft per year. It's not expected that the office will be in use every workday during the year. Also, for dust control (estimation), a conservative estimate for water usage may be no rain fall and work 5 days a week and at least five 2,500-gallon

Office PO. Box 2205 Boerne, TX 78006



Main 830.249.8284 | Fax 830.249.0221

Texas Registered Engineering Firm # F-4524

Texas Registered Geoscience Firm # 50112

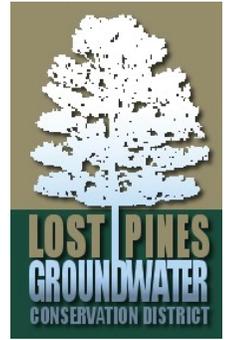
westwardenv.com

Attachment 1
Water Well Permit Application

- 1) Form 200 Operating/Transportation Permit Application

FORM 200

Operating/Transport Permit Application



For District Use Only:

Application Date

Temporary Permit Number

Return this Form to: LPGCD, PO Box 1027 (908 Loop 230), Smithville, TX 78957
Phone: 512-360-5088 FAX: 512-360-5448 Email: lpgcd@lostpineswater.org

SECTION I – APPLICANT

Name John Ramming

Company (if applicable) Rambo Materials, LLC

Street (or PO Box) 98 San Jacinto Blvd FSR #1107

City Austin State TX Zip 78701

Phone Number (512) 657-7960

SECTION II – WELL INFORMATION

What aquifer will the well be producing from? Hooper Formation

What is the known or proposed total depth of the well? 420 feet

What is the known or proposed screened interval of the well? Unknown feet

What is the known or proposed capacity of the well? 300 gpm

Is this Application for an existing well already registered with the LPGCD? Yes No

If Yes, what is the Well Number? Well # 58 53 9 0064

If No, has a Well Drilling Application (Form 100) or Well Registration Application (Form 300) been submitted? Yes No

Well location (use GPS coordinates if known.) 30d 09' 53" N, 97d 25' 03" W

County that the well is located in: Bastrop Lee

SECTION III – WITHDRAWAL AMOUNT REQUESTED

What is the total maximum withdrawal requested? 102 acre-feet/year

Proposed maximum rate at which water will be withdrawn: 300 gpm

Is the Applicant requesting that the withdrawal be aggregated with another well? Yes No

If Yes, list other wells: Open Mining Pit (On the same property)

SECTION IV – PROPOSED USE

What is the proposed use of water from the well?

Municipal Supply Mining Irrigation Other (describe) Sand and Gravel Operation

List proposed usage of water produced from well and the amount of usage:

Use Sand and Gravel Wash Plant Amount used 102 acre-feet/year

Use Dust Control Amount used 9.9 acre-feet/year

Use On-site Septic Amount used <1 acre-feet/year

SECTION V – TRANSPORT INFORMATION

Will this well be used to export water outside of the LPGCD? Yes No

If Yes, what is the maximum amount of water proposed to be exported: N/A acre-feet/year

If Yes, location of the use of the water: N/A

SECTION VI – REQUIRED ATTACHMENTS

The following attachments are required with an Operating Permit Application:

Location map or property plat showing all registered or permitted wells within 5,000 feet of the proposed location

Results of a 36-hour pumping test (if the application is for more than 200 acre-feet/year)

N/A Statement describing how the amount of water requested addresses an existing or projected need, including when that water supply need is projected to occur.

Statement describing how the amount of water requested will be dedicated to a beneficial use.

Statement identifying the End User of the requested water or that the End User has not been identified.

Applicant's or End User's Water Conservation Plan (if available)

N/A Applicant's or End User's Drought Contingency Plan (if available)

Applicant's or End User's Well Closure Plan or declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ.

Any other information (describe) See attached cover letter and map.

SECTION VII – DECLARATIONS

The Applicant agrees to the following conditions:

I agree to avoid waste and achieve water conservation.

I agree that reasonable diligence will be used to protect groundwater quality.

I agree that well plugging guidelines will be followed at the time of well closure.

Agent:  _____

Signature of Applicant

3/22/2024 _____

Date

SECTION VIII – AFFIRMATION AND EXECUTION

I certify that all statements and information in this application are true and correct.

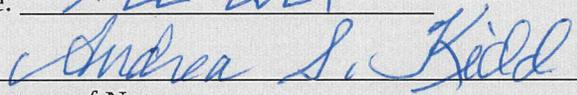
Agent: 
Signature of Applicant

3/22/2024
Date

THE STATE OF TEXAS

COUNTY OF KENDALL

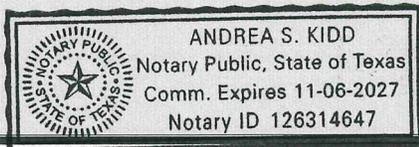
I certify that the following person (s) personally appeared before me on this day, each acknowledging to me that he or she signed this Operating/Transport Permit Application.

Date: 3.22.2024

Signature of Notary

ANDREA S. KIDD
Printed Name of Notary

My commission expires: 11-06-2027

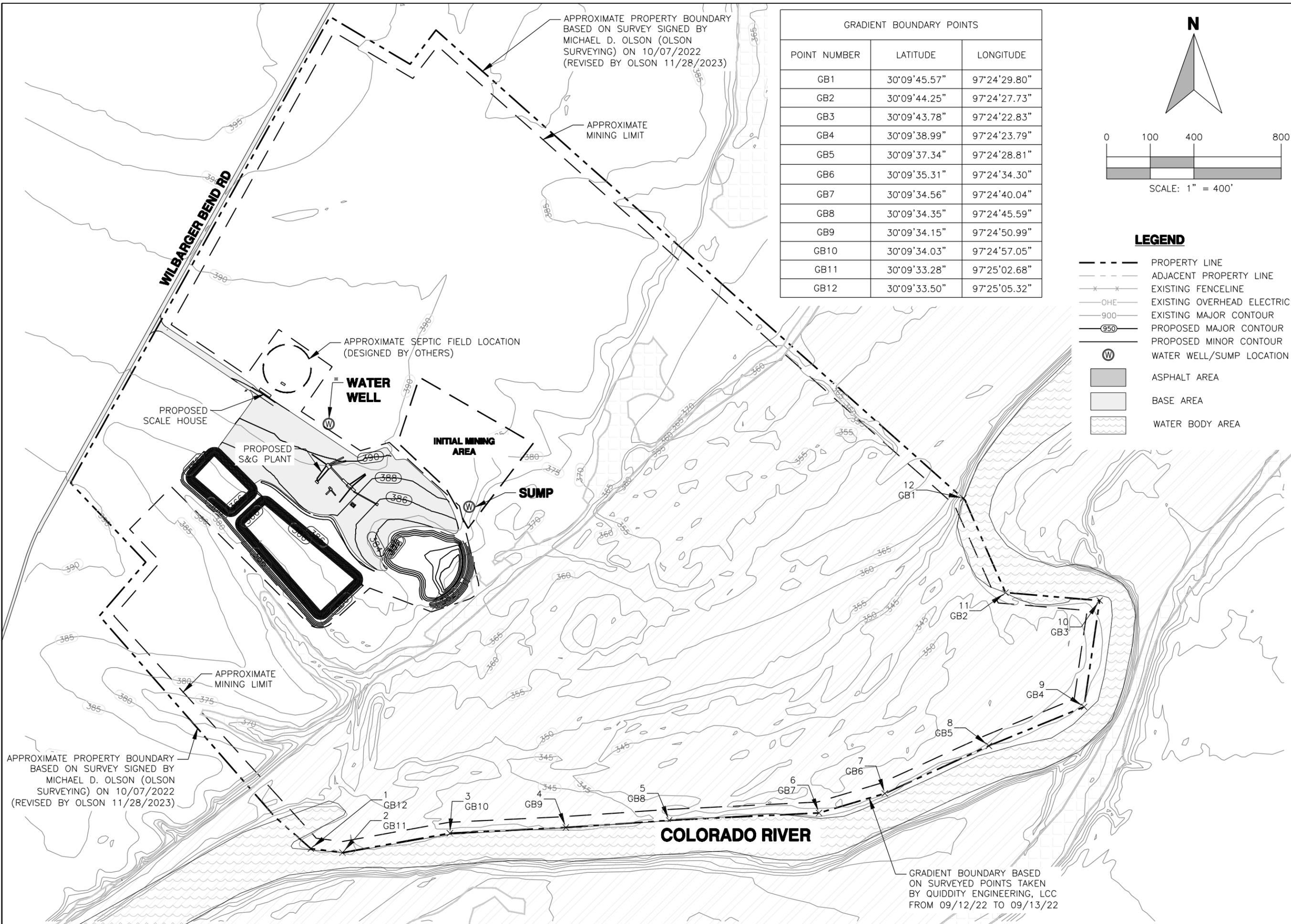
(seal)



Can be notarized by any Notary of your choice or at the LPGCD Office.

Attachment 2
Map/Exhibit

- 1) Well Location Exhibit Map
- 2) Contract/Survey Exhibit – 204.497-Acre Tract - Olson Surveying, Inc.



APPROXIMATE PROPERTY BOUNDARY
BASED ON SURVEY SIGNED BY
MICHAEL D. OLSON (OLSON
SURVEYING) ON 10/07/2022
(REVISED BY OLSON 11/28/2023)

APPROXIMATE MINING LIMIT

APPROXIMATE SEPTIC FIELD LOCATION
(DESIGNED BY OTHERS)

WATER WELL

PROPOSED SCALE HOUSE

PROPOSED S&G PLANT

INITIAL MINING AREA

SUMP

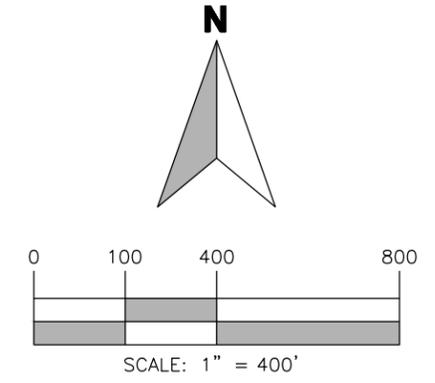
APPROXIMATE MINING LIMIT

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BASED ON SURVEY SIGNED BY
MICHAEL D. OLSON (OLSON
SURVEYING) ON 10/07/2022
(REVISED BY OLSON 11/28/2023)

COLORADO RIVER

GRADIENT BOUNDARY BASED
ON SURVEYED POINTS TAKEN
BY QUIDDITY ENGINEERING, LCC
FROM 09/12/22 TO 09/13/22

GRADIENT BOUNDARY POINTS		
POINT NUMBER	LATITUDE	LONGITUDE
GB1	30°09'45.57"	97°24'29.80"
GB2	30°09'44.25"	97°24'27.73"
GB3	30°09'43.78"	97°24'22.83"
GB4	30°09'38.99"	97°24'23.79"
GB5	30°09'37.34"	97°24'28.81"
GB6	30°09'35.31"	97°24'34.30"
GB7	30°09'34.56"	97°24'40.04"
GB8	30°09'34.35"	97°24'45.59"
GB9	30°09'34.15"	97°24'50.99"
GB10	30°09'34.03"	97°24'57.05"
GB11	30°09'33.28"	97°25'02.68"
GB12	30°09'33.50"	97°25'05.32"



LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING FENCELINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING MAJOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WATER WELL/SUMP LOCATION
- ASPHALT AREA
- BASE AREA
- WATER BODY AREA

WESTWARD
Environmental Engineering, Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED PROFESSIONAL ENGINEER
3/22/2024
Curt G. Campbell, P.E.
License No. 106851

WELL LOCATION EXHIBIT

LPGCD APPLICATION
RAMBO MATERIALS, LLC
267 WILBARGER RD, BASTROP, TEXAS 78620

REV.	DESCRIPTION	BY	DATE

IMAGE:	N/A
ISSUE DATE:	03/22/2024
DRAWN BY:	AK
CHECKED BY:	BMW
SCALE:	1" = 400'
JOB NO.:	11457.005

**SAND AND GRAVEL LEASE
AGREEMENT**

This [REDACTED] LEASE AGREEMENT (this "Agreement") is made and entered into effective **January 29, 2024**, by and between **Ramming Land Bastrop LLC**, a Texas limited liability company ("Lessor"), and **Rambo Materials, LLC**, a Texas limited liability company ("Lessee"), collectively "Parties", and provides as follows:

NOW THEREFORE, in consideration of the covenants and promises contained herein, Lessor agrees to lease to Lessee certain tracts of land being 204.497 acres of land, more or less, out of the **JOSIAH WILBARGER SURVEY, ABSTRACT NO. 70**, Bastrop County, Texas, being more particularly described by metes and bounds in Exhibit A attached hereto, and incorporated herein by this reference ("Premises") to operate a sand and gravel production and processing plant on the Premises [REDACTED]

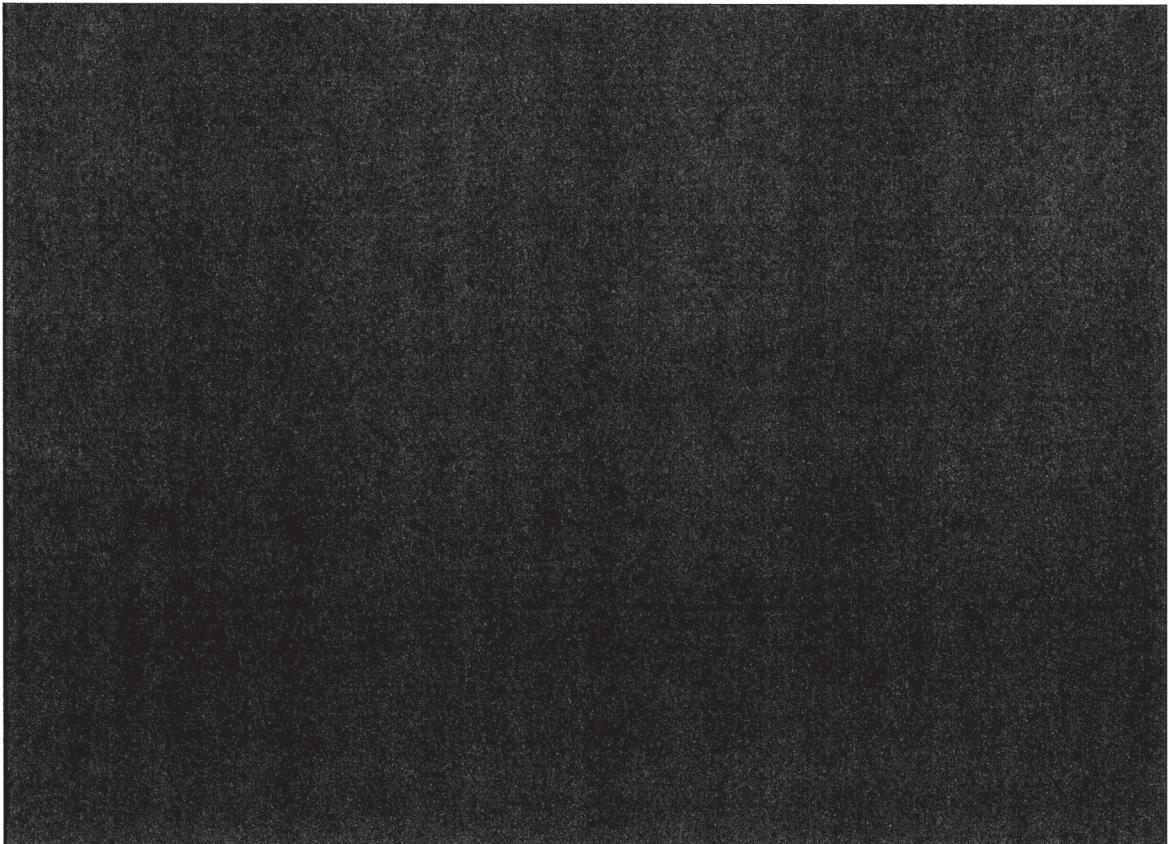
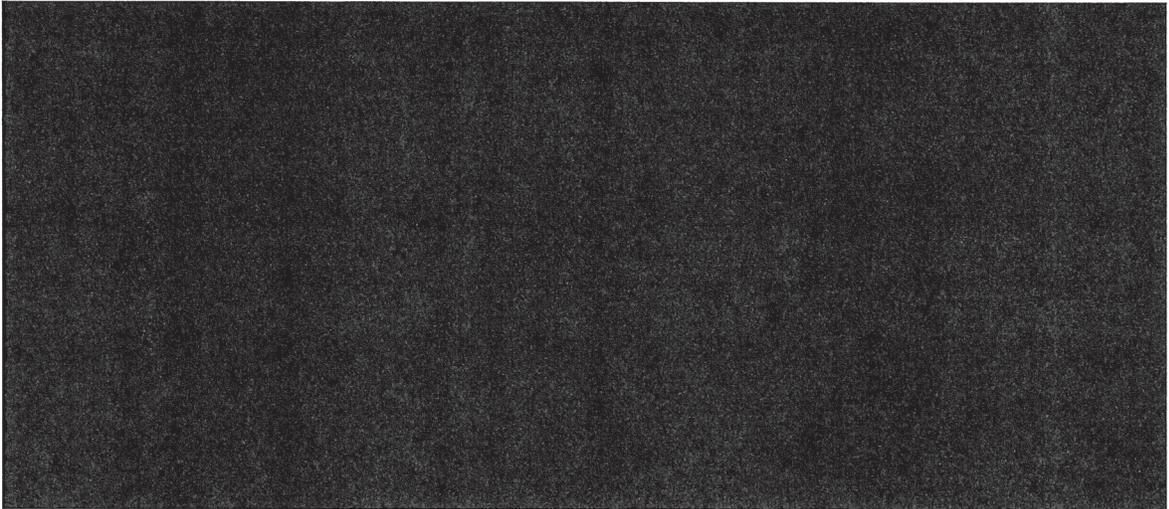
on the following terms and conditions:

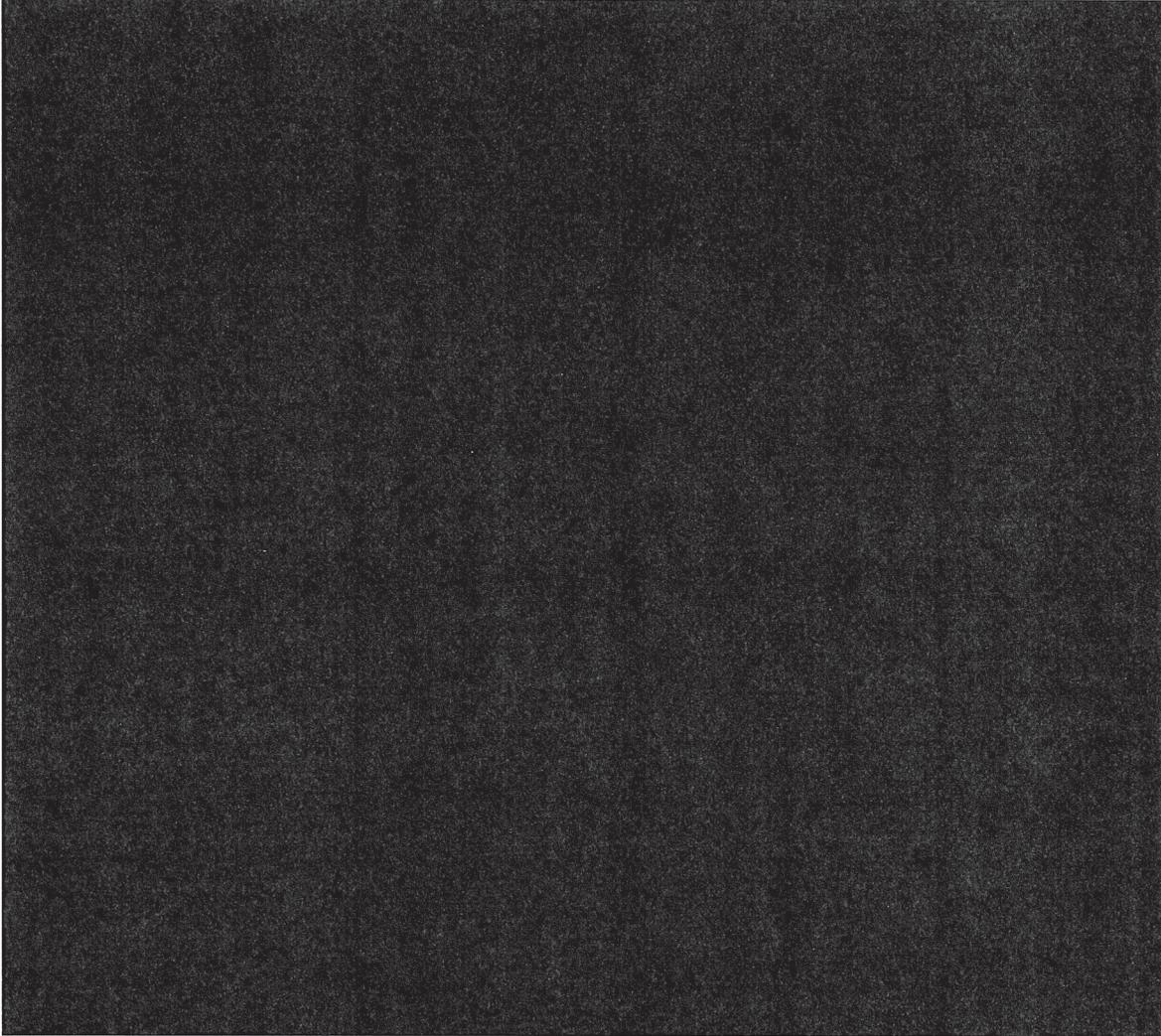
[REDACTED]

[REDACTED]

[REDACTED]

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[Redacted]

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[Redacted]

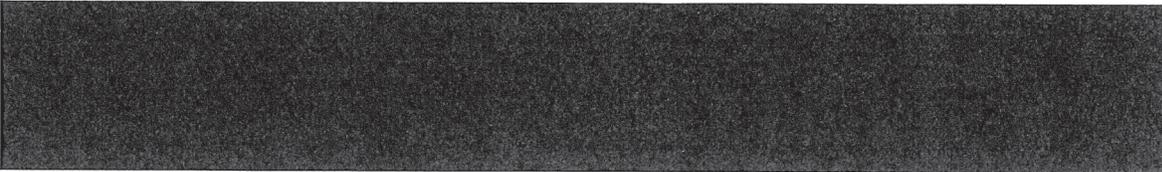
[Redacted]

[Redacted]

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[Redacted]

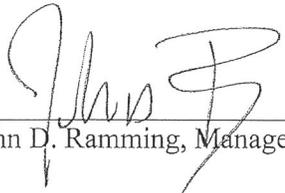
[Redacted]



IN WITNESS WHEREOF, the parties have executed this Agreement as of the effective date.

LESSOR:

Ramming Land Bastrop, LLC, a Texas limited liability company

By: 

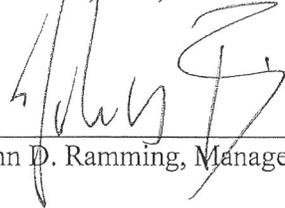
John D. Ramming, Manager

By: 

Cole Scott, Manager

LESSEE:

Rambo Materials, LLC, a Texas limited liability company

By: 

John D. Ramming, Manager

"Exhibit A"

OLSON SURVEYING, Inc.
711 Water Street
Bastrop, Texas 78602
Phone (512)321-5476 Fax (512)303-5476
olsonsurvey@sbcglobal.net

FIELD NOTES FOR A 204.497 ACRE TRACT IN THE JOSIAH WILBARGER SURVEY,
BASTROP COUNTY, TEXAS.

BEING a 204.497 acre tract or parcel of land out of and being a part of the Josiah Wilbarger Survey, A-70 In Bastrop County, Texas, and being part of that certain 187 acre tract described as Second Tract in a deed from John Barton to Bruce Barton dated August 20, 1947, recorded in a Volume 123, Page 116, Bastrop County Deed Records and further described in Volume J, Page 417, Bastrop County Deed Records. Herein described tract or parcel of land being more particularly described by metes and bounds as follows:

BEGINNING at a point in the west line of the Colorado River, the southeast corner of Lot 2, FM 969 Ranchettes, a subdivision recorded in Plat Cabinet 3, Page 25A, Plat Records of Bastrop County, the northeast corner of the 187 acre tract, from which a 60D nail found in a fence post bears N 48 deg. 26 min. 48 sec. E, 81.26 feet, for the northeast corner of this tract.

THENCE with the west line of the Colorado River, along the bank, the following calls;

S 47 deg. 15 min. 12 sec. W, 82.55 feet to a point; S 31 deg. 06 min. 23 sec. W, 78.29 feet to a point; S 40 deg. 21 min. 43 sec. W, 197.94 feet to a point; S 37 deg. 26 min. 23 sec. W, 182.94 feet to a point; S 49 deg. 32 min. 17 sec. W, 191.95 feet to a point; S 36 deg. 28 min. 00 sec. W, 195.52 feet to a point; S 35 deg. 24 min. 04 sec. W, 191.99 feet to a point; N 78 deg. 13 min. 10 sec. W, 223.05 feet to a point; S 75 deg. 52 min. 41 sec. W, 178.93 feet to a point; S 72 deg. 33 min. 17 sec. W, 206.76 feet to a point; S 83 deg. 31 min. 33 sec. W, 196.73 feet to a point; S 72 deg. 20 min. 55 sec. W, 195.39 feet to a point; S 75 deg. 47 min. 10 sec. W, 195.20 feet to a point; S 59 deg. 09 min. 59 sec. W, 184.62 feet to a point; N 87 deg. 08 min. 19 sec. W, 213.44 feet to a point; S 76 deg. 59 min. 34 sec. W, 181.05 feet to a point; S 75 deg. 20 min. 23 sec. W, 248.42 feet to a point; S 66 deg. 56 min. 42 sec. W 547.45 feet to a point, the lower northeast corner of the certain 560.847 acre tract described in a deed to Tex Mix Wilbarger Holdings, LLC, recorded in Document No. 202117881, Bastrop County Official Public Records, the southwest corner of this tract.

THENCE with the lower north line of the 560.847 acre tract, the south line of the 187 acre tract, N 41 deg. 11 min. 52 sec. W, at 243.59 feet pass a 1/2 inch iron rod found for reference, in all 1656.46 feet to a 1/2 inch iron rod found, at the termination of Wilbarger Bend Road, the southwest corner of this tract, from which a 1/2 inch iron rod found, an interior corner of the 560.847 acre tract bears N 43 deg. 10 min. 24 sec. W, 39.17 feet.

THENCE with the east line of Wilbarger Bend Road, the west line of the 187 acre tract, N 29 min. 09 min. 06 sec. E, 3042.96 feet to a 5/8 inch iron rod found, an angle corner of Lot 12, FM 969 Ranchettes, the northwest corner of the 187 acre tract and this tract.

THENCE with the common line of Lot 12, Lot 3, Lot 2 and the 187 acre tract, S 48 deg. 26 min. 48 sec. E, 3702.93 feet to the POINT OF BEGINNING containing 204.497 acres of land.



Michael D. Olson
Reg. Pro. Land Surveyor 5386
Order#221003-Lundgren



Date Created: 10.24.2022

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