

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

February 7, 2023

Treveston Elliott
Treveston Elliott Architect
811 12th St NW
Albuquerque, NM 87102

RE: 619 14th St. SW
Grading and Drainage Plan (Tierra West)
Engineer's Stamp Date: 1/15/2014 (K13D050A)
Pad Certification Date: 02/2022
Hydrology File: K13D084

Dear Mr. Elliott:

PO Box 1293

Albuquerque

Based upon the information provided in your submittal received 01/31/2023 and previously approved Grading & Drainage Plan by Tierra West, this plan is approved for Building Permit and Building Pad Certification for **619 14th St. SW**. Please attach a copy of the Tierra West Grading & Drainage Plan in the construction sets for Building Permit processing along with a copy of this letter.

PRIOR TO CERTIFICATE OF OCCUPANCY:

NM 87103

www.cabq.gov

1. The site needs to ensure that it follows the Tierra West approved Grading & Drainage Plan.
2. A licensed New Mexico civil engineer will need to submit to Hydrology an Engineer's Certification, per the DPM Part 6-14 (G): Engineer's Certification Checklist for Subdivision and Part 6-14 (H): Required Certification Language is required.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Project Title: 619 14th Street Townhouse Building Permit # _____ Hydrology File # _____

DRB# _____ EPC# _____

Legal Description: _____ City Address OR Parcel 619 14th Street SW

Applicant/Agent: Treveston Elliott Architect Contact: Treveston Elliott

Address: 811 12th St NW, Alb. NM 87102 Phone: 505.259.4617

Email: treveston@tearchitect.com

Applicant/Owner: Tim Borrow Contact: Treveston Elliott

Address: 619 14th St. SW Alb. NM Phone: 505.259.4617

Email: treveston@tearchitect.com

TYPE OF DEVELOPMENT: ___ PLAT (#of lots) ___ RESIDENCE ___ DRB SITE ___ ADMIN SITE: ___

RE-SUBMITTAL: ___ YES ☒ NO

DEPARTMENT: ___ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that apply:

TYPE OF SUBMITTAL:

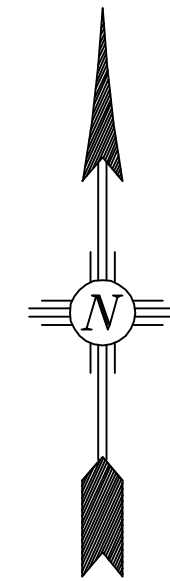
- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G&D PLAN
- ☐ GRADING PLAN
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ FLOOD PLAN DEVELOPMENT PERMIT APP.
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ADMINISTRATIVE
- ☐ TRAFFIC CIRCULATION LAYOUT FOR DRB APPROVAL
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY) _____
- ☐ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

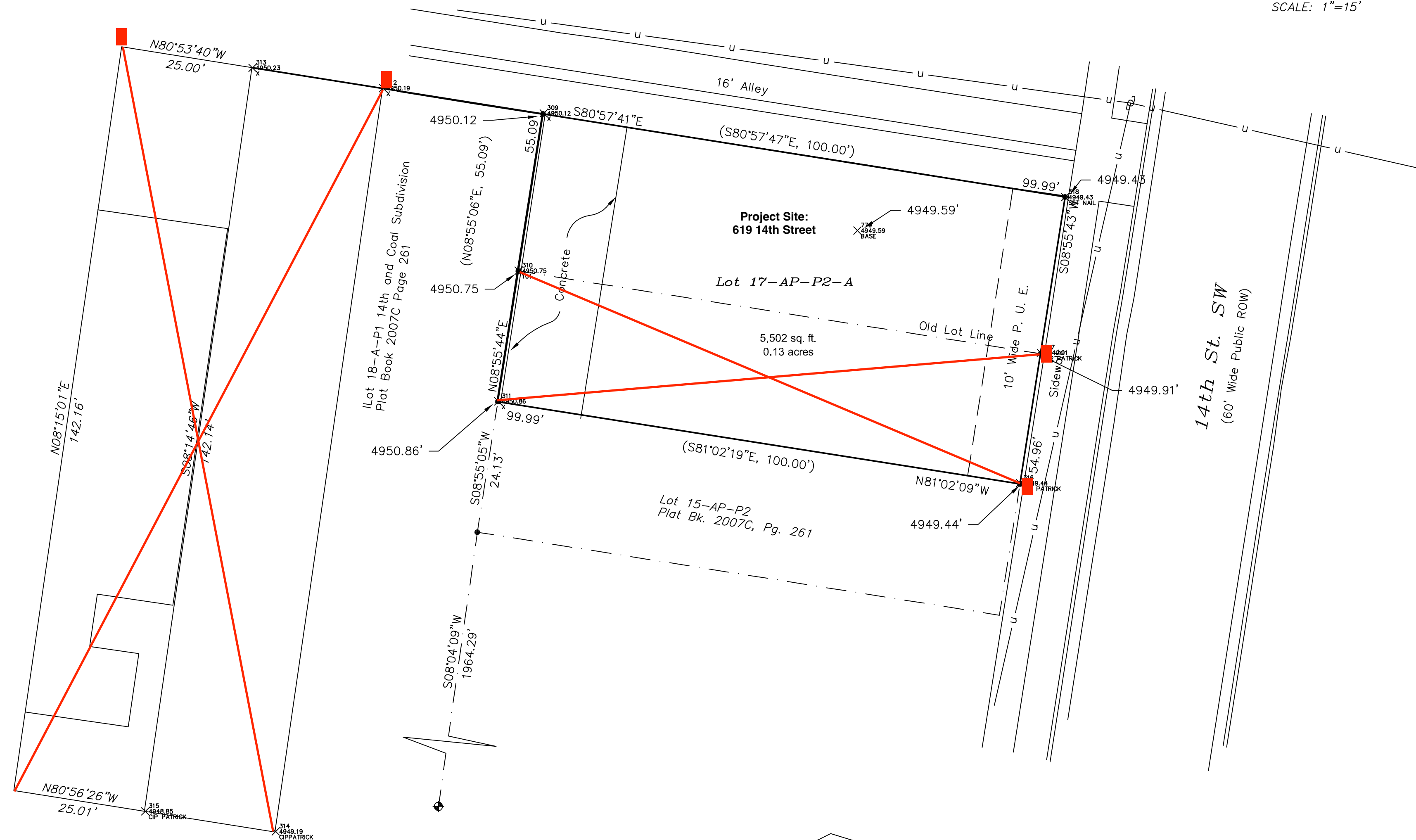
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ CONCEPTUAL TCL DRB APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ GRADING PAD CERTIFICATION
- ☐ WORK ORDER APPROVAL
- ☐ CLOMR/LOMR
- ☐ FLOOD PLAN DEVELOPMENT PERMIT
- ☐ OTHER (SPECIFY) _____

DATE SUBMITTED: Jan 30th, 2023

Lot 17-AP-P2-A REPLAT OF LOTS 17-AP-P2 and 16-AP-P2
OF THE
14 + Coal Subdivision
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
STATE OF NEW MEXICO
February 2022
Section 19, T.10N., R.3 E., N.M.P.M.



15 0 15 30
SCALE: 1"=15'

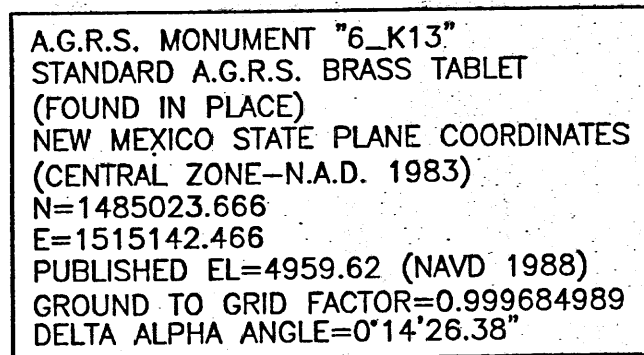


East Mountain Surveying Co.

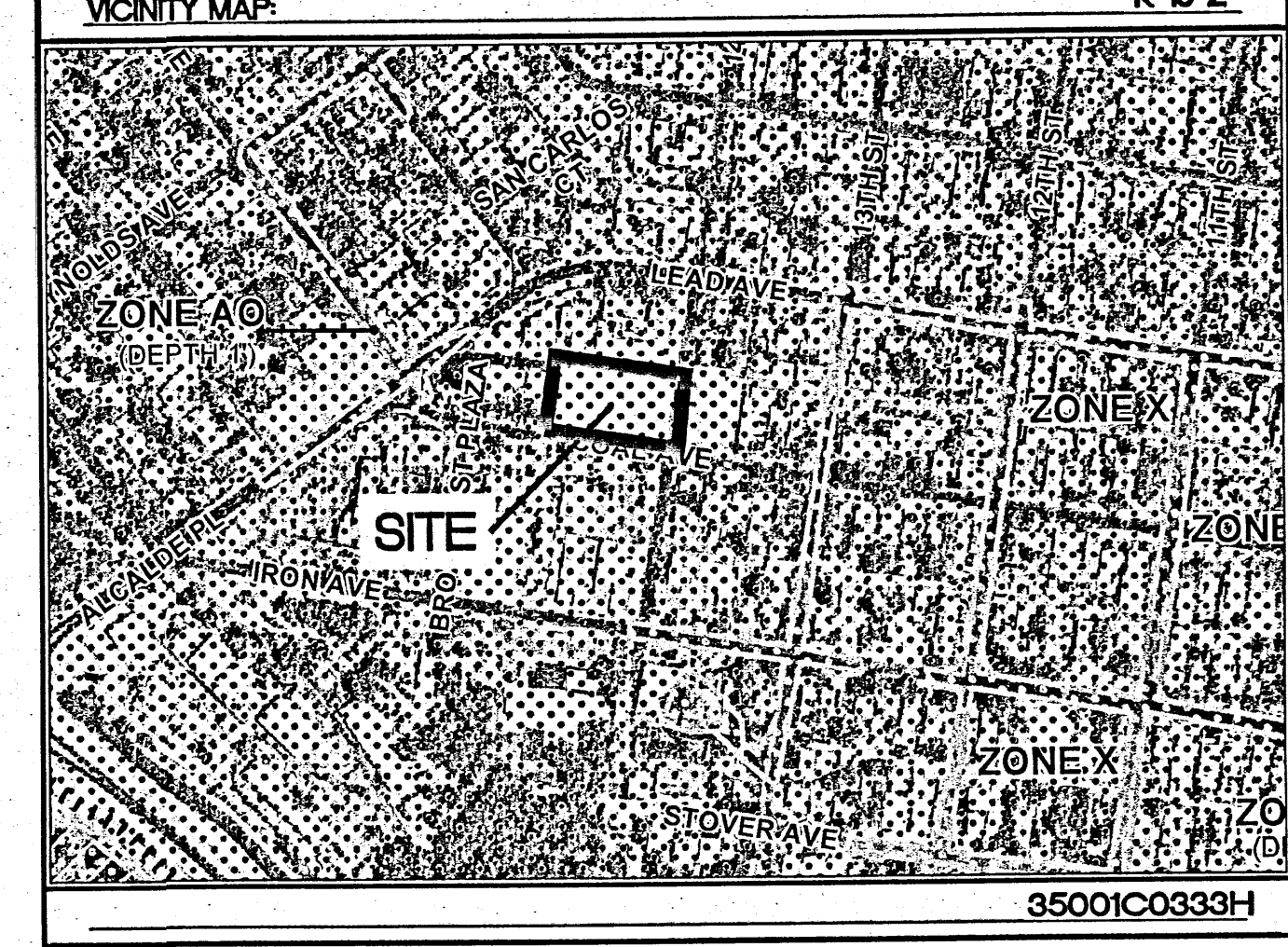
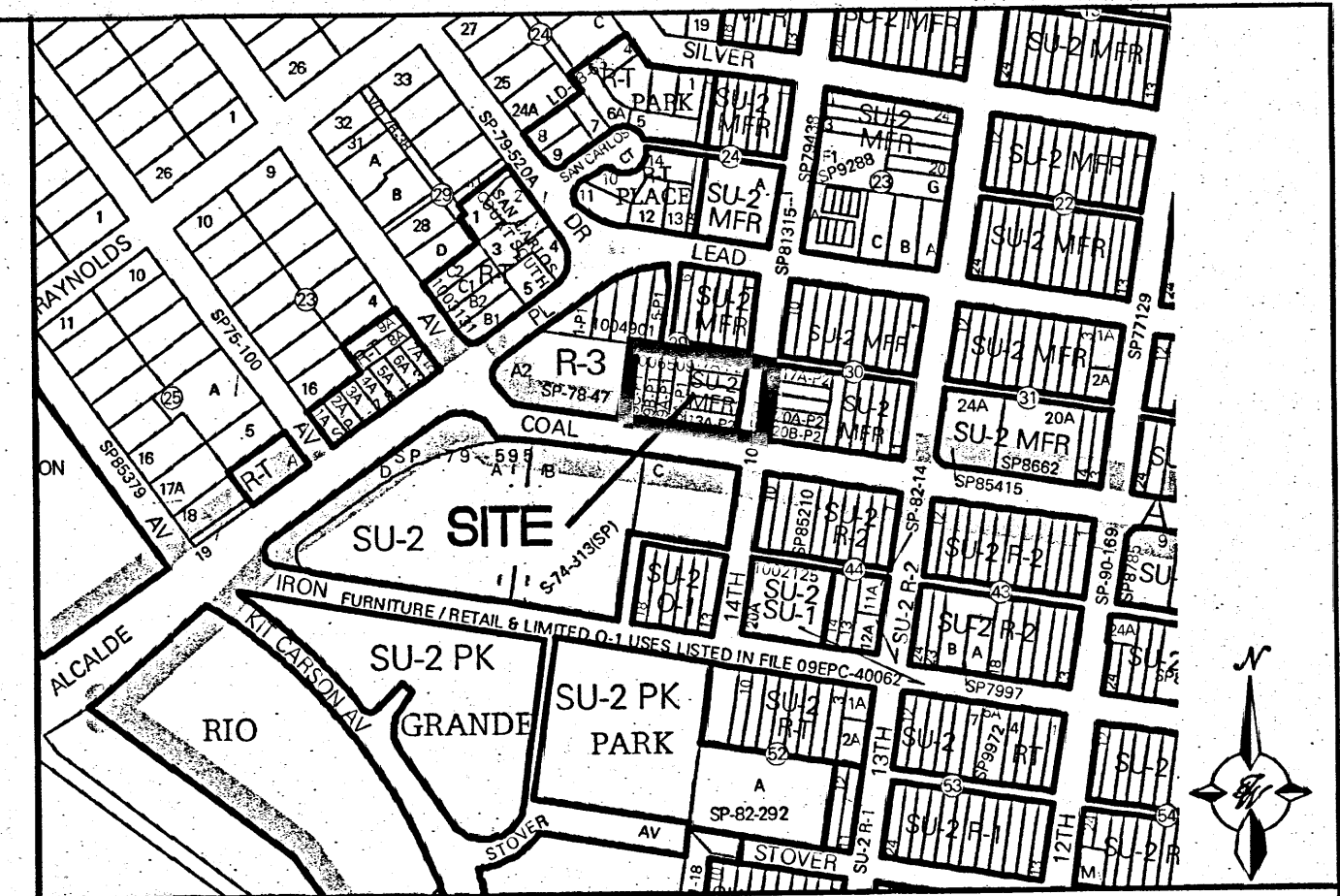
Lorenzo (Larry) E. Dominguez
Owner/Professional Surveyor • PS #10461
PO Box 1607, Moriarty, NM 87035
505.639-5557 • Mobile 505.450.2097 • Fax 505.639.5557

INDEXING INFORMATION

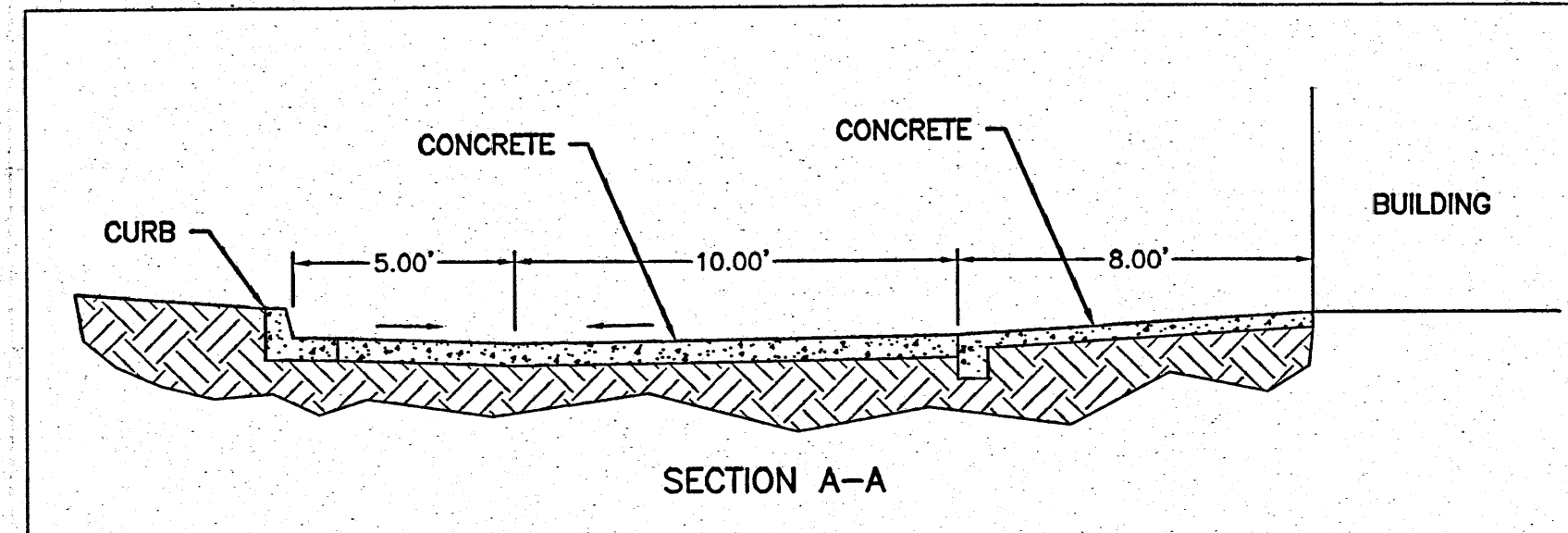
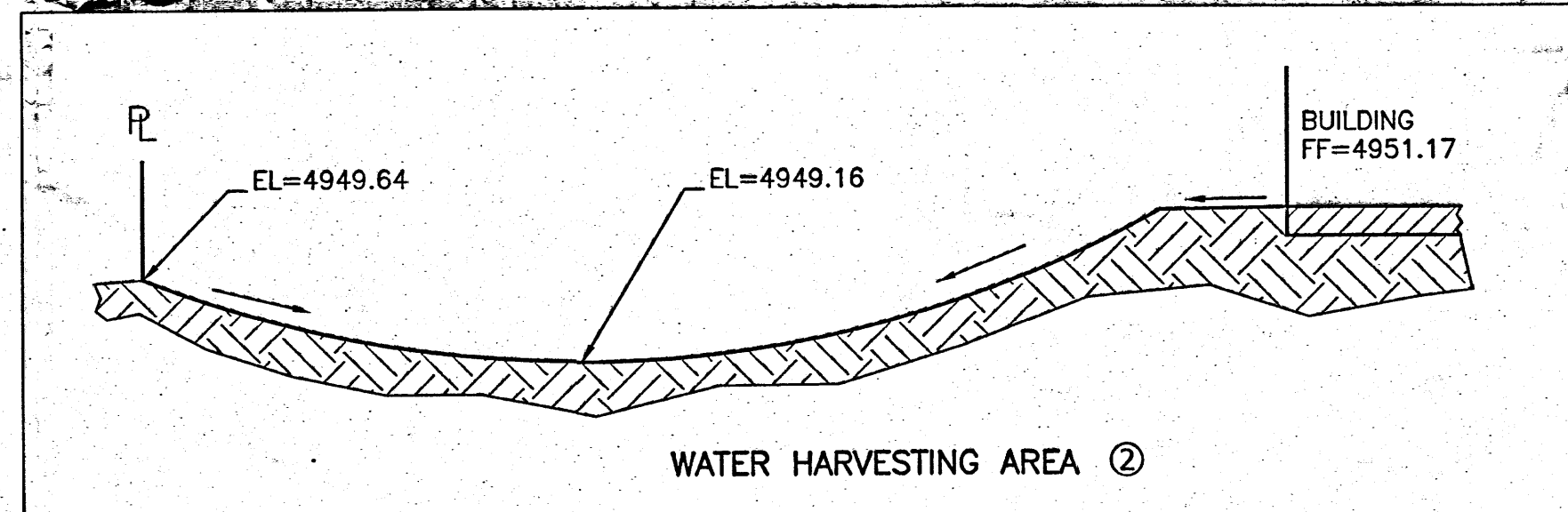
ALEXANDER HOLDING LLC
RECORDED DOCS.: 2022004985 & 2022004986
SEC. 19, T.10N, R.3E., N.M.P.M.
SUBDIVISION(S): 14th & Coal Subdivision
PROJECT No. EM.21-232
Sheet 2 of 2



-
- Basin 1
- Basin 2
- Basin 3
- Basin 4
- COAL FIVE SE
- FIVE SE
- NORTH

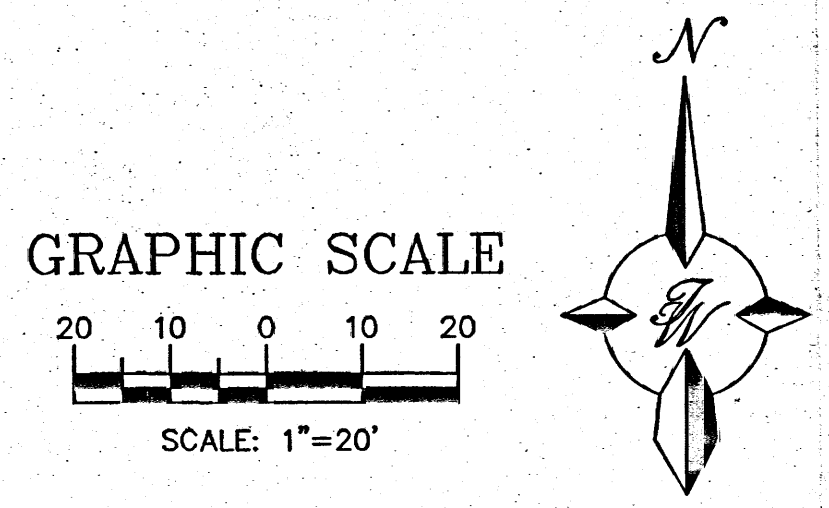


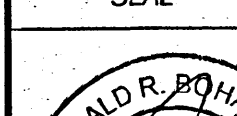

- # NOTICE TO CONTRACTORS
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
 2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
 7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.



Weighted E Method																																																																
On-Site Basins																																																																
Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		100-Year			10-Year																																																		
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs																																																
1	6,568	0.15	0%	0	25%	0.04	0%	0.00	75%	0.11	1.785	0.022	0.62	1.075	0.014	0.39																																																
2	7,632	0.18	0%	0	15%	0.03	0%	0.00	85%	0.15	1.919	0.028	0.76	1.181	0.017	0.49																																																
3	7,956	0.18	0%	0	30%	0.05	0%	0.00	70%	0.13	1.718	0.026	0.73	1.022	0.016	0.45																																																
4	7,735	0.18	0%	0	25%	0.04	0%	0.00	75%	0.13	1.785	0.026	0.73	1.075	0.016	0.46																																																
											2.83																																																					
Equations:																																																																
Weighted E = $E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d$ / (Total Area)																																																																
Volume = Weighted D * Total Area																																																																
Flow = $Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$																																																																
<table><tr><th colspan="4">Excess Precipitation, E (inches)</th><th colspan="4">Peak Discharge (cfs/acre)</th></tr><tr><th>Zone 2</th><th>100-Year</th><th colspan="2">10 - Year</th><th>Zone 2</th><th>100-Year</th><th colspan="2">10 - Year</th></tr><tr><td>E_a</td><td>0.53</td><td colspan="2">0.13</td><td>Q_a</td><td>1.56</td><td colspan="2">0.38</td></tr><tr><td>E_b</td><td>0.78</td><td colspan="2">0.28</td><td>Q_b</td><td>2.28</td><td colspan="2">0.95</td></tr><tr><td>E_c</td><td>1.13</td><td colspan="2">0.52</td><td>Q_c</td><td>3.14</td><td colspan="2">1.71</td></tr><tr><td>E_d</td><td>2.12</td><td colspan="2">1.34</td><td>Q_d</td><td>4.70</td><td colspan="2">3.14</td></tr></table>																	Excess Precipitation, E (inches)				Peak Discharge (cfs/acre)				Zone 2	100-Year	10 - Year		Zone 2	100-Year	10 - Year		E _a	0.53	0.13		Q _a	1.56	0.38		E _b	0.78	0.28		Q _b	2.28	0.95		E _c	1.13	0.52		Q _c	3.14	1.71		E _d	2.12	1.34		Q _d	4.70	3.14	
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CAUTION:
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.



ENGINEER'S SEAL  RONALD R. BOHANNAN P.E. #7868	THE 14TH WEST 14TH AND COAL	DRAWN BY BJF
	GRADING AND DRAINAGE PLAN	DATE 01/15/14
		2013044_GRE
	 TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	SHEET # C1
		JOB # 2013044