

1) ACCESSIBLE PARKING PER ADA STANDARDS WITH SIGN

2) ON-SITE CURB & GUTTER (SEE DETAIL SHT. C4)

(3) CONCRETE SIDEWALK PER COA STD (SEE DETAIL SHT. C4)

(4) UNIDIRECTIONAL HC RAMP (SEE DETAIL SHT. C4)

(5) TRUNCATED DOMES (SEE DETAIL SHT. C4)

TA EMERGENCY FIRE ACCESS WITH DRIVABLE LANDSCAPE PAVERS (SEE DETAIL SHT. C5)

(17) TABLE W/ BENCH AND FIRE PIT AREA.

(18) BICYCLE PARKING. SEE DETAIL SHEET C4.

19 EXISTING CMU BLOCK BOUNDARY WALL, HEIGHT VARIES.

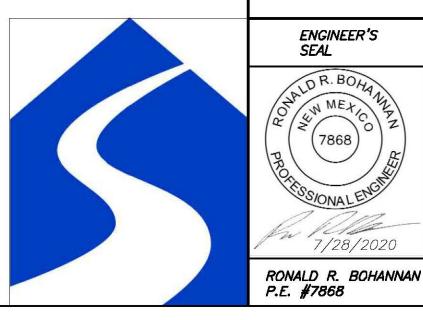
20 DOUBLE DUMPSTER (CHURCH) (SEE DETAIL SHT C5.)

(21) STREET LIGHT (SEE DETAIL SHT C5.)

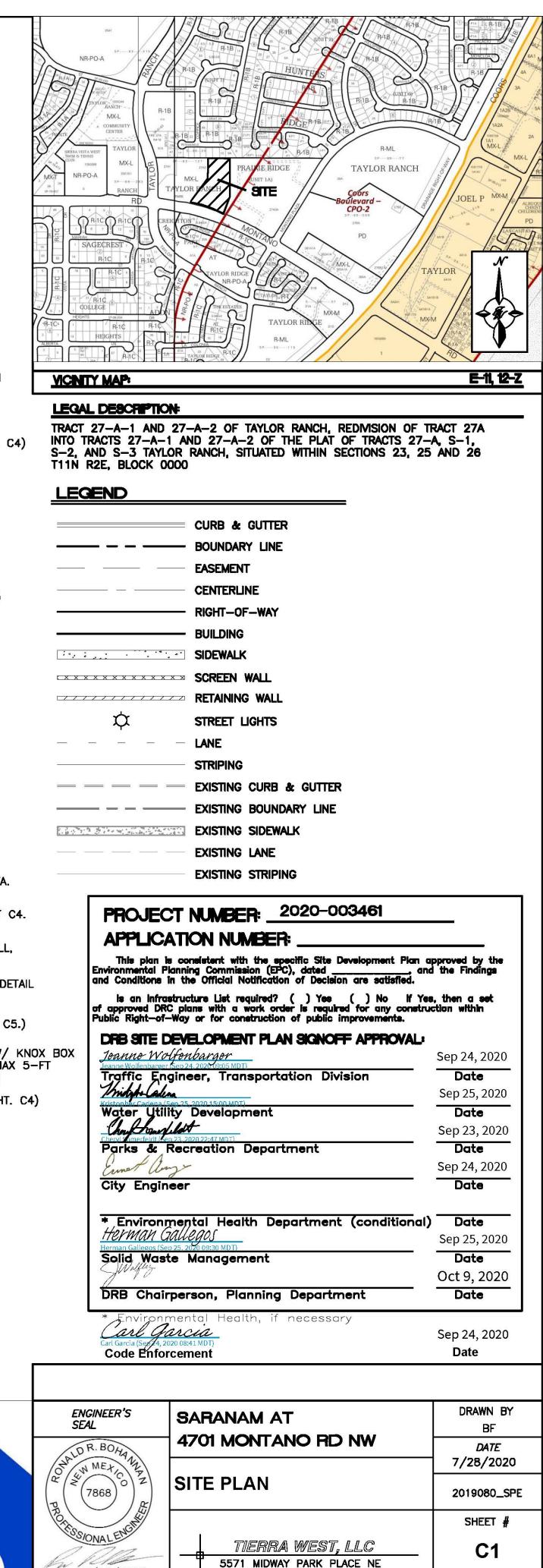
22 TYPE III LOCKABLE BOLLARDS W/ KNOX BOX ON EACH BOLLARD MIN 3-FT MAX 5-FT SPACING. (SEE DETAIL SHT C5.)

23 3-ft 3D FENCE (SEE DETAIL SHT. C4)

45 SPACES



7/28/2020

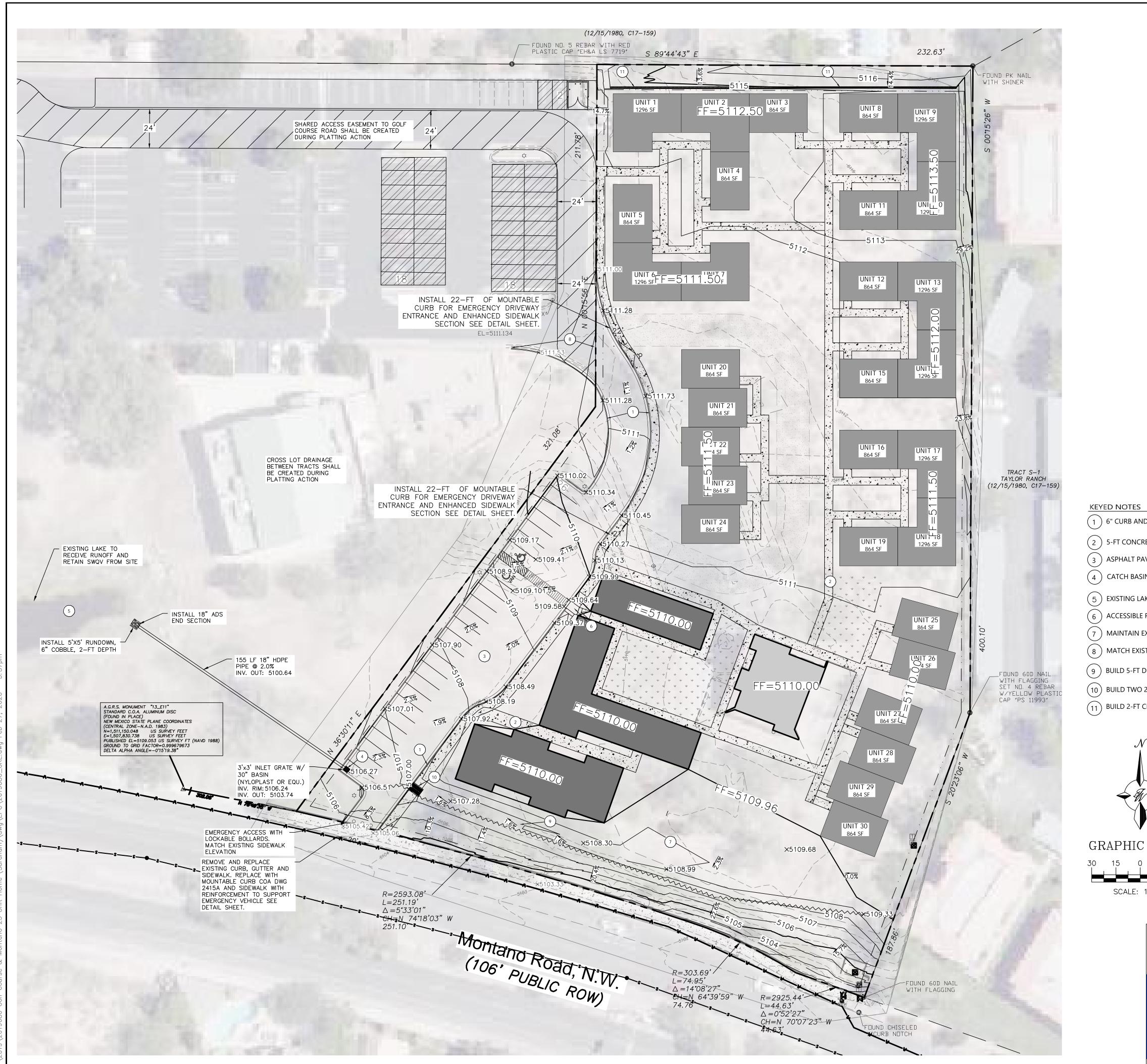


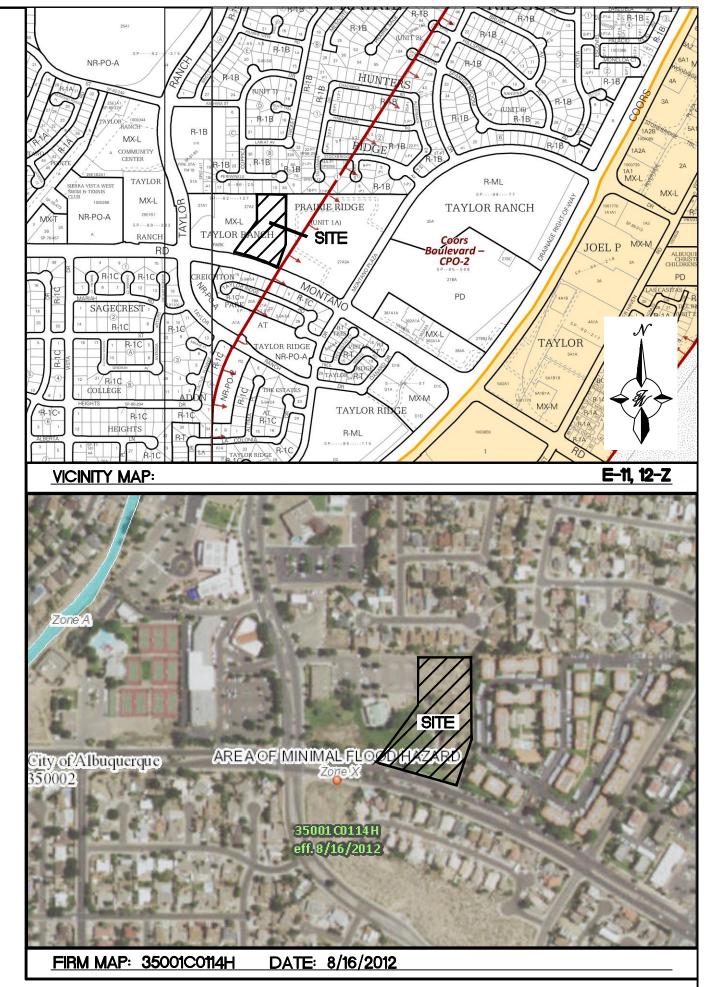
ALBUQUERQUE, NM 87109 (505) 858-3100

www.tierrawestllc.com

JOB #

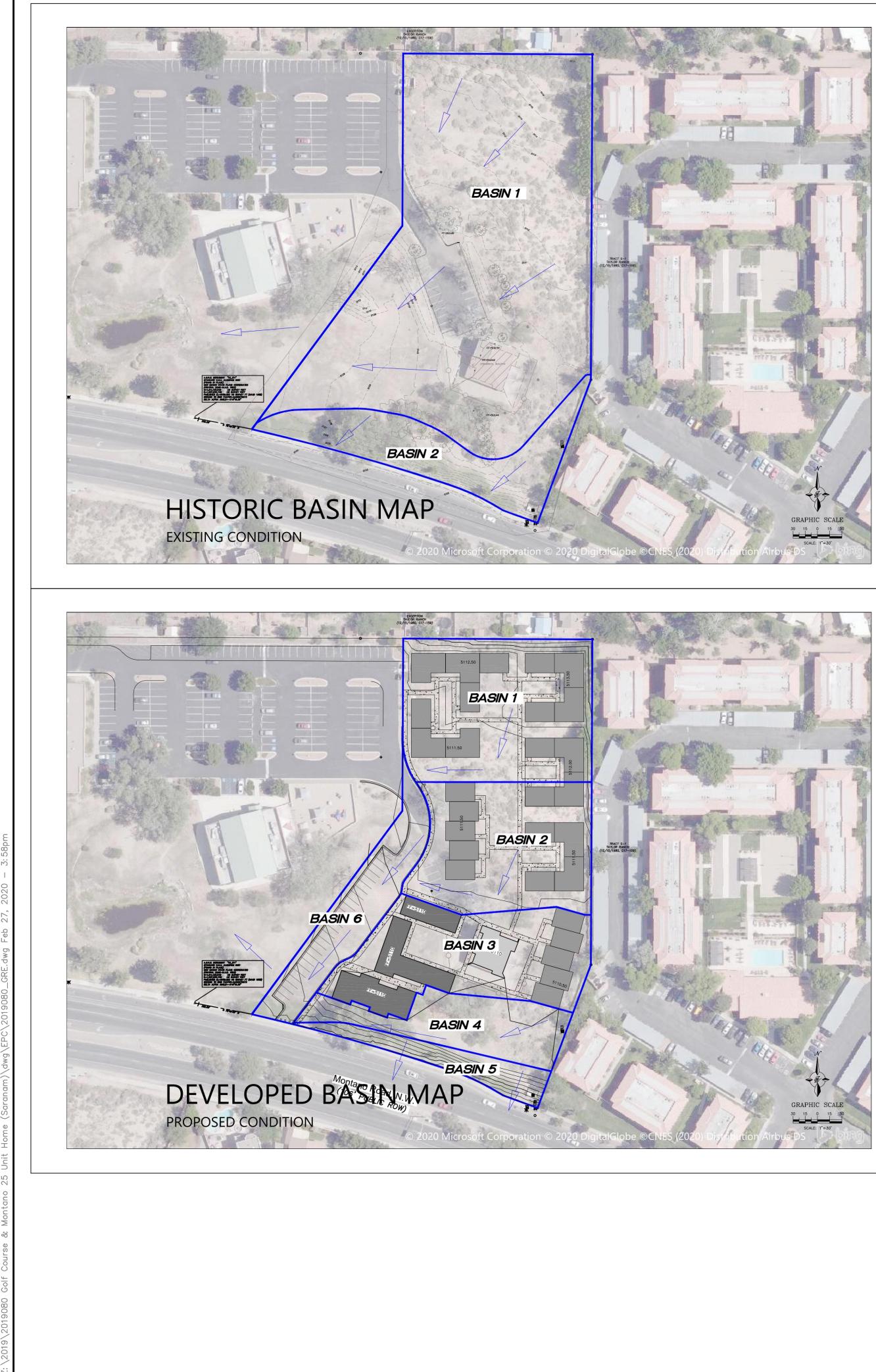
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S		LEGEND				
ND GUTTER			CURB & GU	ITTER		
CRETE SIDEWALK			BOUNDARY L	LINE		
PAVING (SEE GEOTECTH REPORT)			EASEMENT			
ASIN SEE CALL OUT DETAIL THIS SHEET			CENTERLINE			
			RIGHT-OF-W BUILDING	VAY		
LAKE PER SIDE DEVELOPMENT PLAN, RECE	IVING ALL RUNOFF FROM PR		SIDEWALK			
			SCREEN WALL			
			RETAINING W	ALL		
KISTING ASPHALT PAVEMENT, CURB AND	GUITER ON ADJACENT PROP	ERTY	CONTOUR M			
T DRAINAGE SWALE PER DETAIL SHEET			CONTOUR MI			
O 24-INCH SIDEWALK CULVERTS PER COA	DWG 2236	x 5048.25	SPOT ELEVA			
T CMU BLOCK WALL				IRB & GUTTER		
			EXISTING BO	UNDARY LINE		
\mathcal{N}		5010	EXISTING CO	NTOUR MAJOR		
		<u> </u>	EXISTING CO	NTOUR MINOR		
		x 5048.25		OT ELEVATION		
C SCALE						
0 15 30						
: 1"=30'						
	ENGINEER'S SEAL	SARANAM AT		DRAWN BY BF		
	NLD R. BOHA	4701 MONTANO RD N	I W	DATE		
	NALD R. BOHAN	CONCEPTIONAL GRA	\DING	2/26/2020		
	((7868))	& DRAINAGE PLAN		2019080_GRE		
	PROFILESSIONAL ENGINE			SHEET #		
	WONALED -	TIERRA WEST, LL		C2		
	2/26/2020	T 5571 MIDWAY PARK PLACE ALBUQUERQUE, NM 8710 (505) 858-3100				
	RONALD R. BOHANNAN P.E. #7868	www.tierrawestllc.com		јов # 2019080		

SCALE:



INTRODUCTION & REFERENCE FILES FILE #: E11D013

THE SITE IS LOCATED ON THE NORTH EAST CORNER OF MONTANO RD NW AND TAYLOR RANCH RD NW. THE PROPERTY WILL BE SUBDIVIDED TO CREATE THE NEW TRACT TO SUPPORT THE 32 UNIT RESIDENTIAL COMMUNITY HOUSING DEVELOPMENT. THE PURPOSE OF THIS SUBMITTAL IS TO PROVIDE A CONCEPTUAL GRADING AND DRAINAGE MANAGEMENT PLAN. THE ENTIRE PARCEL CURRENTLY DRAINS TO AN EXISTING LAKE IN THE SOUTH WEST CORNER. THE SITE IS NOT WELL DOCUMENTED WITH ANY SPECIFIC HYDROLOGY REPORTS ON RECORD DETAILING THE DRAINAGE FOR THE SITE AND THEREFORE AT TIME OF BUILDING PERMIT SUBMITTAL AN OVERALL MASTERPLAN DRAINAGE SHALL BE COMPLETED TO VERIFY THE LAKE HAS ADEQUATE CAPACITY TO RECEIVE THE DEVELOPED FLOWS. THE LAKE IS ALSO PROPOSED TO BE USED TO MEET THE FIRST FLUSH RETENTION VOLUME FOR THE NEW DEVELOPMENT.

FLOOD PLAIN

THE PROJECT AREA IS INCLUDED ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) PANEL 35001C0114H DATED AUGUST 16, 2012 AND IS SHOWN ON THIS PAGE. THE MAP INDICATES THE SITE LIES WITHIN FLOOD ZONE X, AN AREA OF MINIMAL FLOOD HAZARD.

HISTORIC DRAINAGE:

THERE IS NO OFFSITE FLOWS INTO THE PARCEL. THE HISTORIC DRAINAGE RUNOFF IS RETAINED ONSITE WITH THE PARCEL DRAINING TO THE EXISTING LAKE AT THE SOUTHWEST CORNER. IT APPEARS FROM A CURSORY REVIEW OF THE AVAILABLE DOCUMENTS THE LAKE WAS SIZED TO ACCOMMODATE THE ENTIRE PARCEL IN A DEVELOPED STATE, AS DETAILED ON THE SITE DEVELOPMENT PLAN. THE LAKE IS AT LEAST 6 FEET DEEP AND THERE IS AN EXISTING MARSH/WETLAND AREA THAT WAS PLANTED AND IS IN GOOD HEALTH FOR ALBUQUERQUE. A SMALL PORTION OF THE EMBANKMENT ALONG THE FRONTAGE DRAINS DIRECTLY INTO MONTANO RD. THIS SLOPED LANDSCAPED AREA WILL REMAIN IN THE DEVELOPED CONDITION AND FREELY DISCHARGE.

PROPOSED DRAINAGE:

THE WEIGHTED E METHOD FROM THE "CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL VOLUME I - DESIGN CRITERIA, 2006 REVISION" WAS USED TO CALCULATE THE RUNOFF AND VOLUME FOR THE SITE. THE HYDROLOGY TABLES ARE SHOWN ON THIS PAGE. THE SITE WAS DIVIDED INTO 6 BASINS WITH THE APPROPRIATE LAND TREATMENT DETERMINED AS SHOWN IN THE DRAINAGE TABLE. THE MAJORITY OF THE SITE WILL SHEET FLOW AND BE DIRECTED BY CURB AND GUTTER TO A 3'X3' GRATE INLET IN THE PARKING LOT IN THE SOUTH WEST CORNER OF THE SITE WHICH HAS THE INLET CAPACITY FOR THE EXPECTED FLOW. ROOF DRAINS FROM THE RESIDENTIAL BUILDINGS SHALL BE DIRECTED INTO THE PARKING LOT AREA AND SHEET FLOW ACROSS THE PROPERTY. THE RUNOFF SHALL THEN BE DISCHARGED DIRECTLY TO THE LAKE VIA AN 18-INCH HDPE PIPE THAT HAS THE CAPACITY TO CONVEY THE DESIGN FLOWS. THE LANDSCAPED EMBANKMENT ALONG MONTANO WILL FREELY DISCHARGE INTO THE STREET AND DOES NOT CONTRIBUTE SIGNIFICANT FLOWS. A SMALL PORTION OF THE DRIVEWAY ENTRANCE SHALL ALSO FLOW INTO MONTANO RD. NEW DEVELOPMENT SITES ARE REQUIRED TO CAPTURE AND INFILTRATE THE "STORMWATER QUALITY VOLUME" FROM THE 90TH PERCENTILE STORM. THE METHODOLOGY USED IN THE EPA REPORT "ESTIMATING PREDEVELOPMENT HYDROLOGY IN THE MIDDLE RIO GRANDE WATERSHED" APRIL 2014, YIELDS A RUNOFF VALUE OF 0.42 INCHES FOR THE 90TH PERCENTILE STORM. THEREFORE THE REQUIRED STORMWATER QUALITY VOLUME TO BE CAPTURED AND INFILTRATED IS THE PRODUCT OF THE IMPERVIOUS AREA MULTIPLIED BY 0.42 INCHES FOR NEW DEVELOPMENT SITES.

THE PEAK DISCHARGE FOR THE ENTIRE SITE IS 9.3 CFS WHICH IS MORE THAN THE HISTORIC FLOWS DUE TO THE IMPERVIOUS AREAS BEING PROPOSED BUT THE LAKE WILL HAVE THE CAPACITY TO RETAIN THE ADDITIONAL VOLUME GENERATED FROM THIS DEVELOPMENT AND WILL THEREFORE MEET THE FIRST FLUSH REQUIREMENTS. THE 10 DAY VOLUME WAS CALCULATED AND THE CAPACITY OF THE LAKE WILL BE VERIFIED TO CONFIRM THERE IS EXCESS CAPACITY AT THE TIME OF THE FINAL REPORT.

DPM Weighted E Method

Precipitation Zone 1

East of Mesa View United Methodist Church 4701 Montaño Rd NW, Albuquerque, NM 87120 TWLLC 2/24/2020 Date

Existing Conditions

	Basin Descriptions											100-\	/ear, 6-Hr		10-Y	10-Year, 6-Hr	
Basin	Area	Area	Area	Treatmen	t A	Treatm	nent B	Treatm	nent C	Treat	ment D	Weighted E	Volume	Flow	Weighted E	Volume	Flow
ID	(sf)	(acres)	(sq miles)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(in)	(ac-ft)	cfs	(in)	(ac-ft)	cfs
1	126,434	2.90	0.00454	88%	2.554	0%	0.000	0%	0.000	12%	0.348	0.624	0.151	4.82	0.219	0.053	1.62
												Total On Site I	Retention p	ond			
2	23,437	0.54	0.00084	100%	0.538	0%	0.000	0%	0.000	0%	0.000	0.440	0.020	0.69	0.080	0.004	0.13
												Total Montaño	Rd				
Total	149,871	3.44	0.00538		3.092		0.000		0.000		0.348		0.171	5.51		0.057	1.75

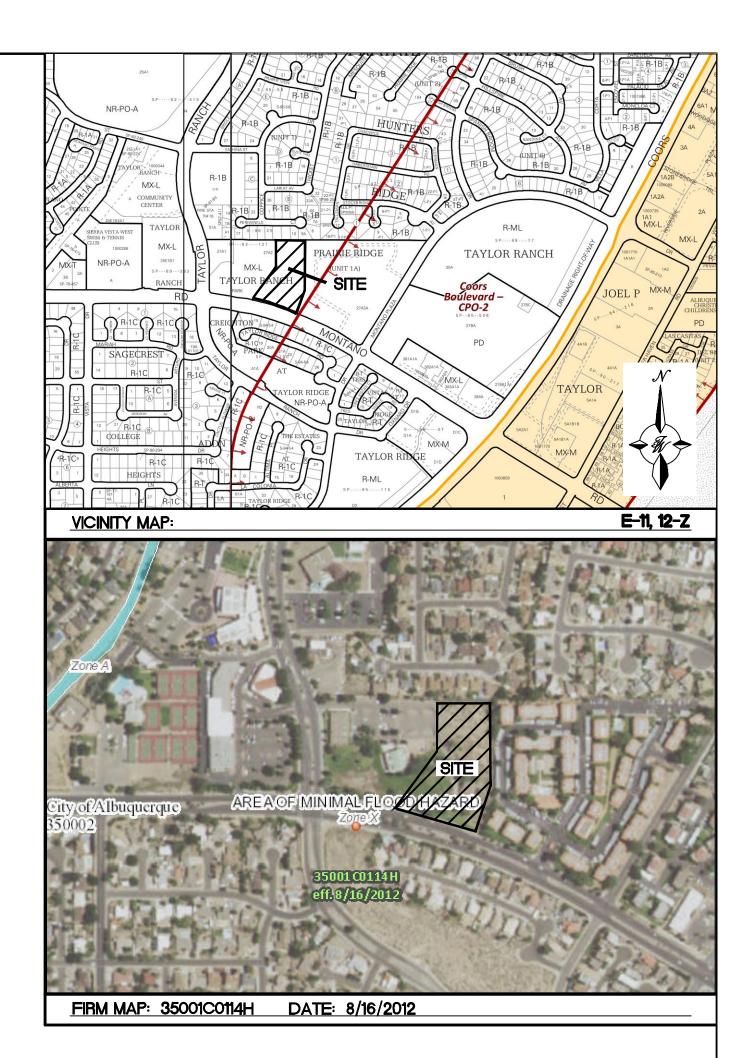
Proposed Conditions

	Basin Descriptions									100-Y	′ear, 6-Hr		10-Y	i) (ac-ft) cfs (in) (ac-ft) (cf)			SWO	2V				
Basin	Area	Area	Area	Treatme	ent A	Treatm	nent B	Treatn	nent C	Treatr	nent D	Weighted E	Volume	Flow	Weighted E	Volume	Flow	Weighted E	Volume	Volume	Required	Provided
ID	(sf)	(acres)	(sq miles)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(in)	(ac-ft)	cfs	(in)	(ac-ft)	cfs	(in)	(ac-ft)	(cf)	(cf)	(cf)
1	40,617	0.93	0.00146	0%	0.000	65%	0.606	0%	0.000	35%	0.326	1.125	0.087	2.66	0.577	0.045	1.40	1.125	0.130	5,676	498	
2	33,156	0.76	0.00119	0%	0.000	67%	0.510	0%	0.000	33%	0.251	1.099	0.070	2.13	0.557	0.035	1.11	1.099	0.110	4,797	383	
3	33,504	0.77	0.00120	0%	0.000	55%	0.423	0%	0.000	45%	0.346	1.255	0.080	2.37	0.679	0.044	1.32	1.255	0.136	5,905	528	
4	16,888	0.39	0.00061	100%	0.388	0%	0.000	0%	0.000	0%	0.000	0.440	0.014	0.50	0.080	0.003	0.09	0.440	0.014	619	0	
5	8,212	0.19	0.00029	100%	0.189	0%	0.000	0%	0.000	0%	0.000	0.440	0.007	0.24	0.080	0.001	0.05	0.440	0.007	301	0	
6	17,494	0.40	0.00063	0%	0.000	20%	0.080	0%	0.000	70%	0.281	1.513	0.051	1.39	0.912	0.031	0.87	1.513	0.136	5,941	429	
Total	149,871	3.44	0.00538		0.576		1.619		0.000		1.205		0.309	9.296		0.158	4.851		0.534	23,239	1,837	-

Excess	Precipitatio	on, E (in.)	Peak	Discharg	e (cfs/acre
Zone 1	100-Year	10-Year	Zone 1	100-Year	10-Yea
Ea	0.44	0.08	Qa	1.29	0.24
Eb	0.67	0.22	Qb	2.03	0.76
Ec	0.99	0.44	Qc	2.87	1.49
Ed	1.97	1.24	Qd	4.37	2.89

Equations:

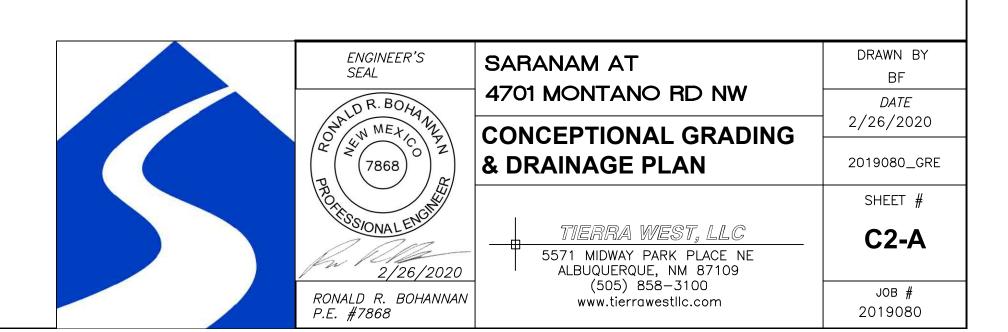
Weighted E = Ea*Aa + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area) Volume = Weighted E * Total Area Flow = Qa*Aa + Qb*Ab + Qc*Ac + Qd*Ad

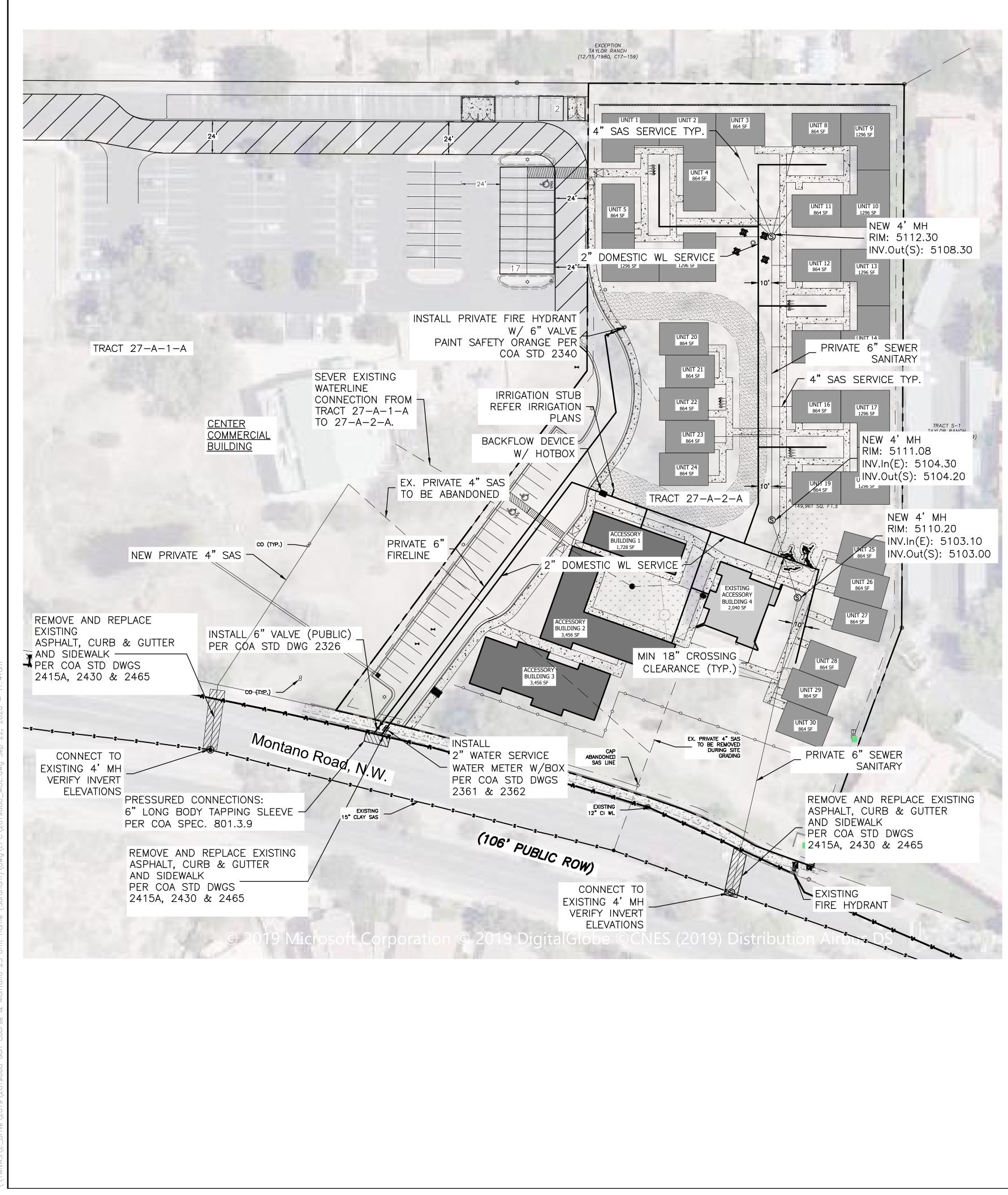


Stormwater Quality Volume

Total Impervious Area = ΣArea in "Treatment D" Retainage depth = 0.42" Per DPM Pg. 272 0.035 Retention Volume = = 0.035 x area

Foot Cubic Fee





GENERAL UTILITY NOTES:

- 1. CONTRACTOR MUST COORDINATE WATER SYSTEM WITH SEWER SYSTEM TO
- 2. PROVIDE 4 FEET OF COVER MINIMUM FOR ALL PROPOSED WATER LINES.
- AREAS WHERE WATER PIPES CROSS OVER SEWER PIPES SHALL NOT HAVE ANY JOINTS.
- UNLESS OTHERWISE NOTED.
- 5. NO FENCES, SIGNS, TREES OR ROCKWALLS TO BE PLACED WITHIN UTILITY EASEMENTS.
- 6. UTILITIES IN THIS AREA BEFORE EXCAVATION.
- INSTALL A TRENCH SAFETY SYSTEM TO PROVIDE FOR THE SAFE O.S.H.A. STANDARDS.
- PROVIDE ADEQUATE CONCRETE THRUST BLOCKING AT THE FOLLOWING: 8. TAPPING SLEEVES, TEES, BENDS, PLUGS AND ALL FITTINGS.
- 9. P.V.C. PIPE SHALL BE PLACED WITH SELECT BEDDING MATERIAL ALL AROUND.
- OF CONSTRUCTION, BEFORE INSTALLING WATER LINE.



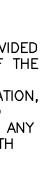
GRAPHIC SCALE SCALE: 1"=40'

WATER NOTES:

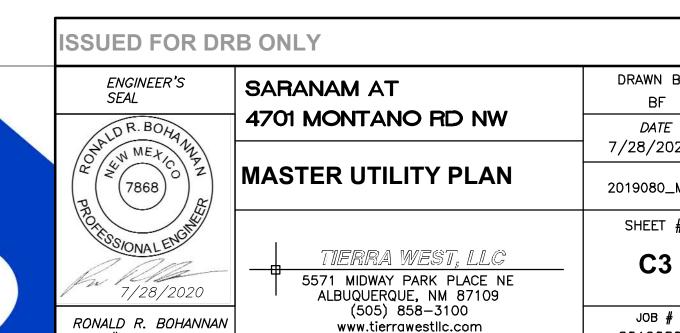
- 1. CONTACT UTILITY COMPANIES FOR EXACT LOCATION FOR UNDERGROUND UTILITIES IN THE AREA.
- 2. PROVIDE ADEQUATE CONCRETE THRUST BLOCKING AT THE FOLLOWING: TAPPING, SLEEVES, TEES, BENDS, PLUGS - ALL FITTINGS. REFER TO ABCWUA STANDARD DETAIL DRAWING 2320
- 3. INSTALL A TRENCH SAFETY SYSTEM TO PROVIDE FOR THE SAFE EXCAVATION OF ALL TRENCHES EXCEEDING A DEPTH OF (5') FIVE FEET AS PER O.S.H.A. STANDARDS.
- BEDDING WHEN PLACED IN CITY ROW. IN SITU (ACCEPTABLE) MATERIAL CAN BE USED IN PRIVATE LINES.
- 5. ALL VALVES ON P.V.C. WATER MAINS SHALL BE ANCHORED IN CONCRETE.
- 6. CITY PAVING CUT PERMIT REQUIRED BEFORE EXCAVATION.
- 7. RECONNECTION OF EXISTING WATER LINE SYSTEM SHOWN ON THESE PLANS MUST BE MADE, SUCH THAT MINIMAL INTERRUPTION OF SERVICE TO CUSTOMER IS MADE.
- 8. ALL EXISTING LINES CURRENTLY IN SERVICE MUST REMAIN IN SERVICE THROUGHOUT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PROTECTING 8" SEWER LINES (INCLUDING SERVICES) FROM DAMAGE AS A RESULT OF CONSTRUCTION.
- 9. CONTRACTOR SHALL VERIFY LOCATION OF SERVICES BEFORE CONSTRUCTION.
- 10. CONTRACTOR SHALL COORDINATE WITH CITY & COUNTY CONSTRUCTION SEQUENCE AND TRAFFIC CONTROL PLANS.
- 11. CONTRACTOR SHALL PROVIDE TEMPORARY SERVICE TO CUSTOMERS IF SERVICE WILL BE INTERRUPTED FOR MORE THAN (4) HOURS IN A 24-HOUR PERIOD.
- 12. CONTRACTOR TO ADJUST WATER VALVES TO FINAL GRADE WHERE NECESSARY.

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.







DRAWN BY ΒF DATE

7/28/2020 2019080_MUE

SHEET #

C3

2019080

4. ALL P.V.C. PIPE ON THIS PLAN SHALL BE ENCASED WITH SELECT

P.E. #7868

HTTP://ABCWUA.ORG/CONTENT/VIEW/463/729/.

THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT

ABCWUA NOTES: IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES

MATERIALS (OR EQUIVALENT APPROVED):

1. SEWER TO BE SDR-35 PVC

2. WATER LINE TO BE C900-PVC DR18

	SANITARY SEWER LINE
	WATERLINE
0	SINGLE CLEAN OUT
0	DOUBLE CLEAN OUT
Ū.	EXISTING SD MANHOLE
	EXISTING INLET
Ś	EXISTING SAS MANHOLE
X	EXISTING FIRE HYDRANT
₩V ▷ \	EXISTING WATER VALVE
Ŵ	EXISTING WATER METER
٠	EXISTING POWER POLE
Ô	EXISTING GAS VALVE
— — U — — —	EXISTING OVERHEAD UTILITIES
— — — —EX. UGE — — — —	EXISTING UNDERGROUND UTILITIES
— — — —EX. 2" GAS— — —	EXISTING GAS
——————————————————————————————————————	EXISTING SANITARY SEWER LINE
— — — —EX. 10" WL— — —	EXISTING WATER LINE
	EXISTING STORM SEWER LINE

CURB & GUTTER

- - BOUNDARY LINE

EASEMENT

CENTERLINE

- BUILDING

— — — — EXISTING CURB & GUTTER

----- EXISTING BOUNDARY LINE

SIDEWALK

SCREEN WALL

RETAINING WALL

10. CAUTION: VERIFY LOCATION & DEPTH OF EXISTING GAS MAIN IN THE AREA

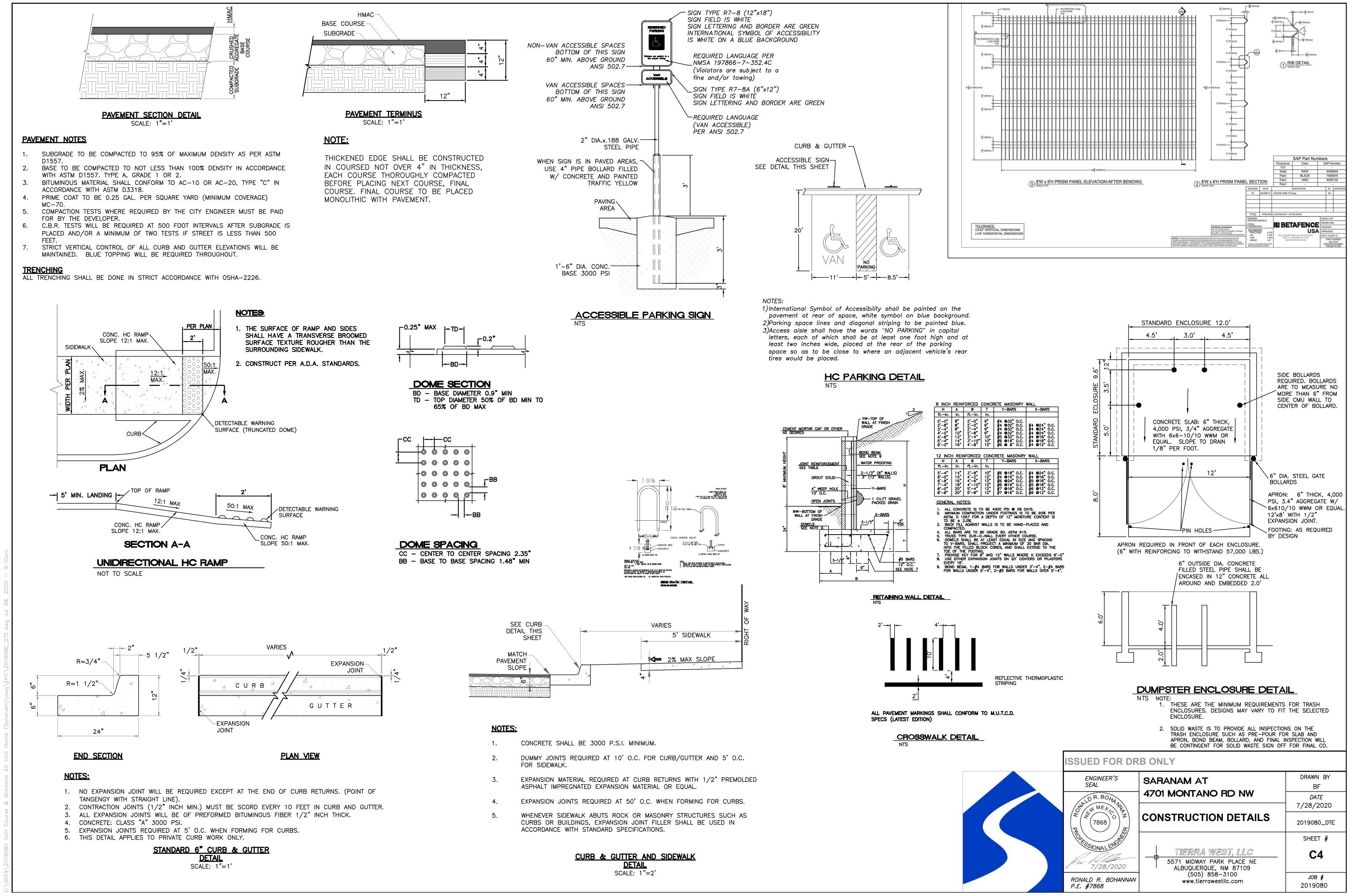
EXCAVATION OF ALL TRENCHES EXCEEDING A DEPTH OF (5') FEET AS PER

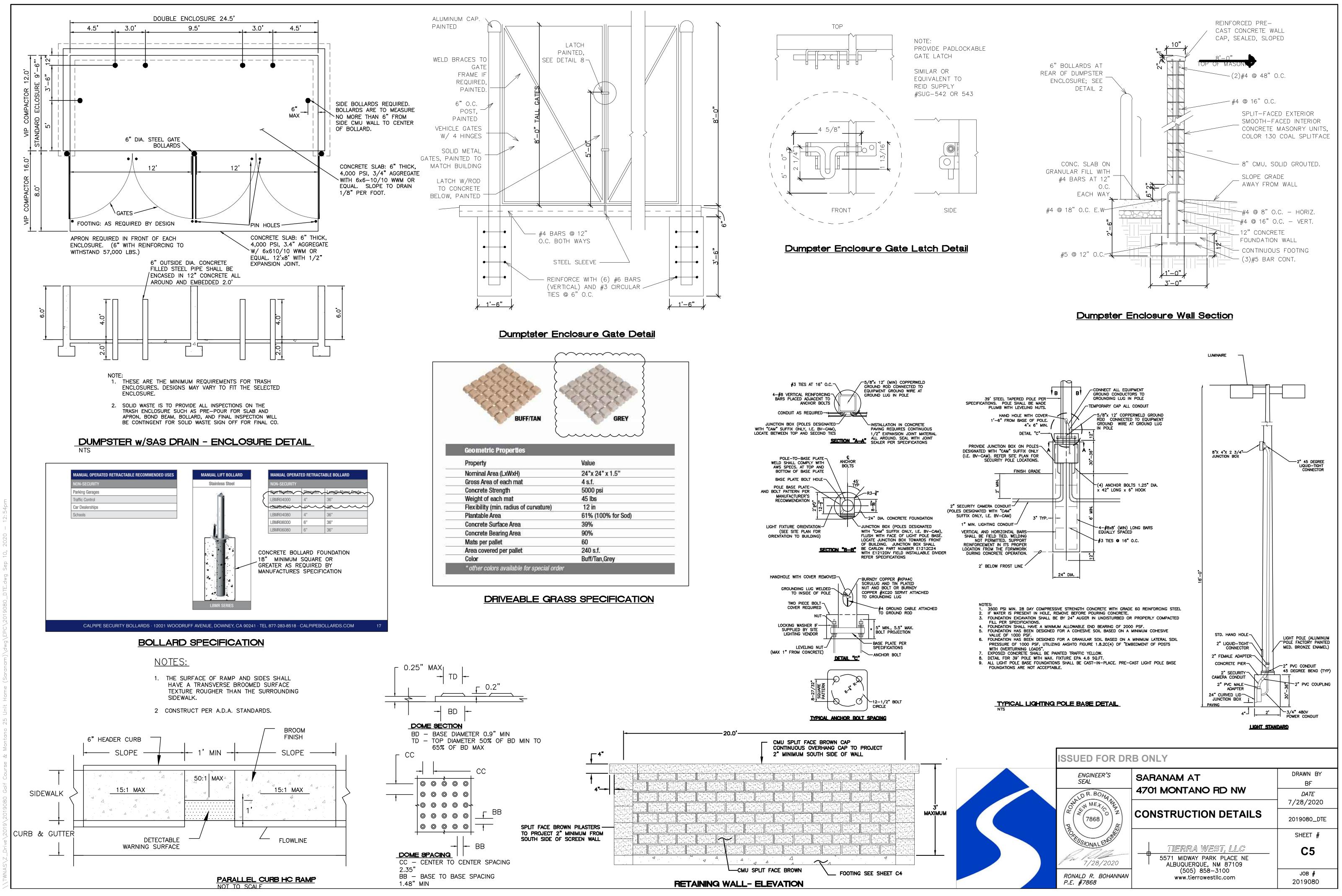
CONTACT UTILITY COMPANIES FOR EXACT LOCATION OF UNDERGROUND

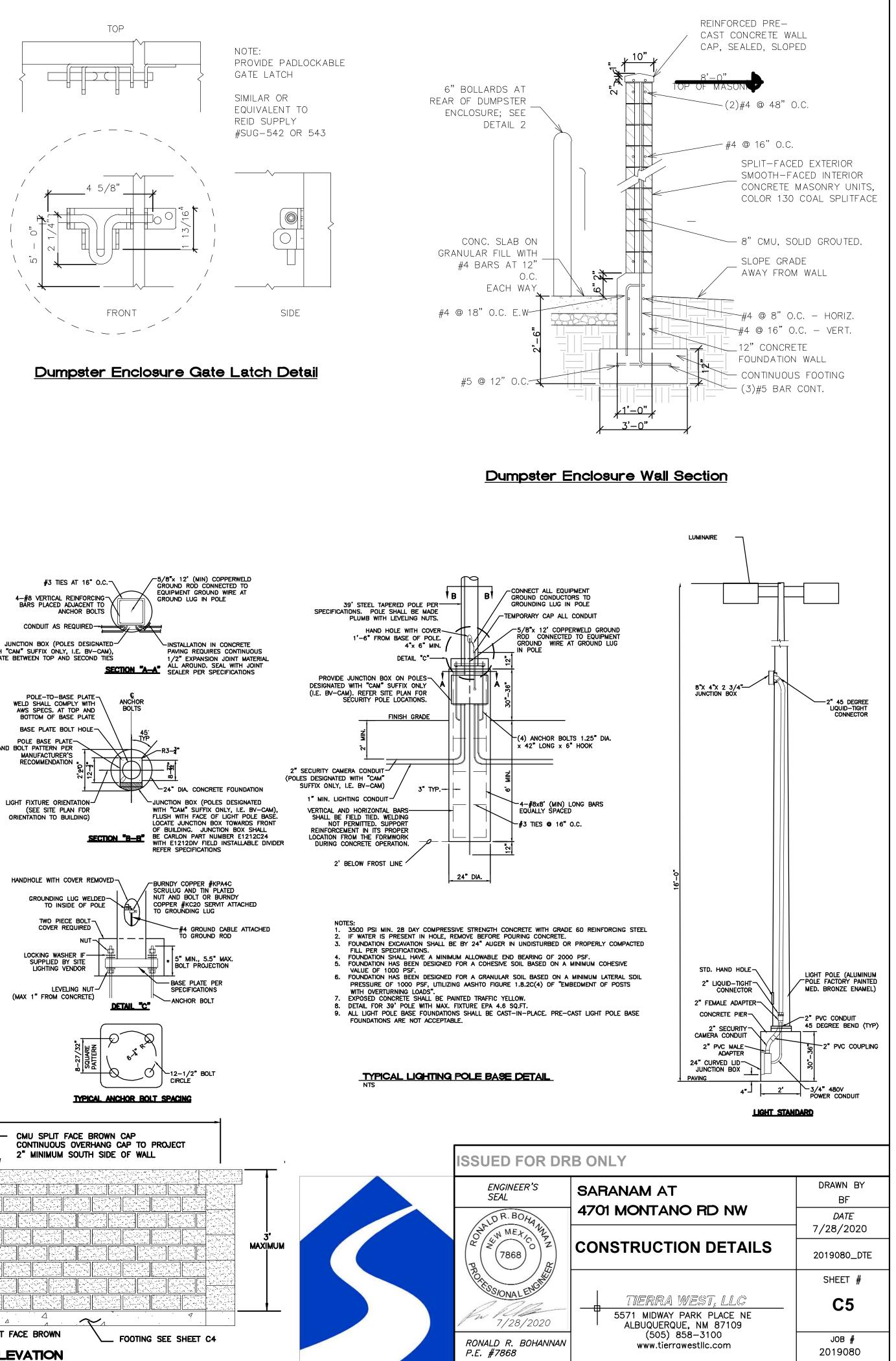
4. PROPOSED WATER LINE SHALL BE 8' FROM CENTERLINE (North and East),

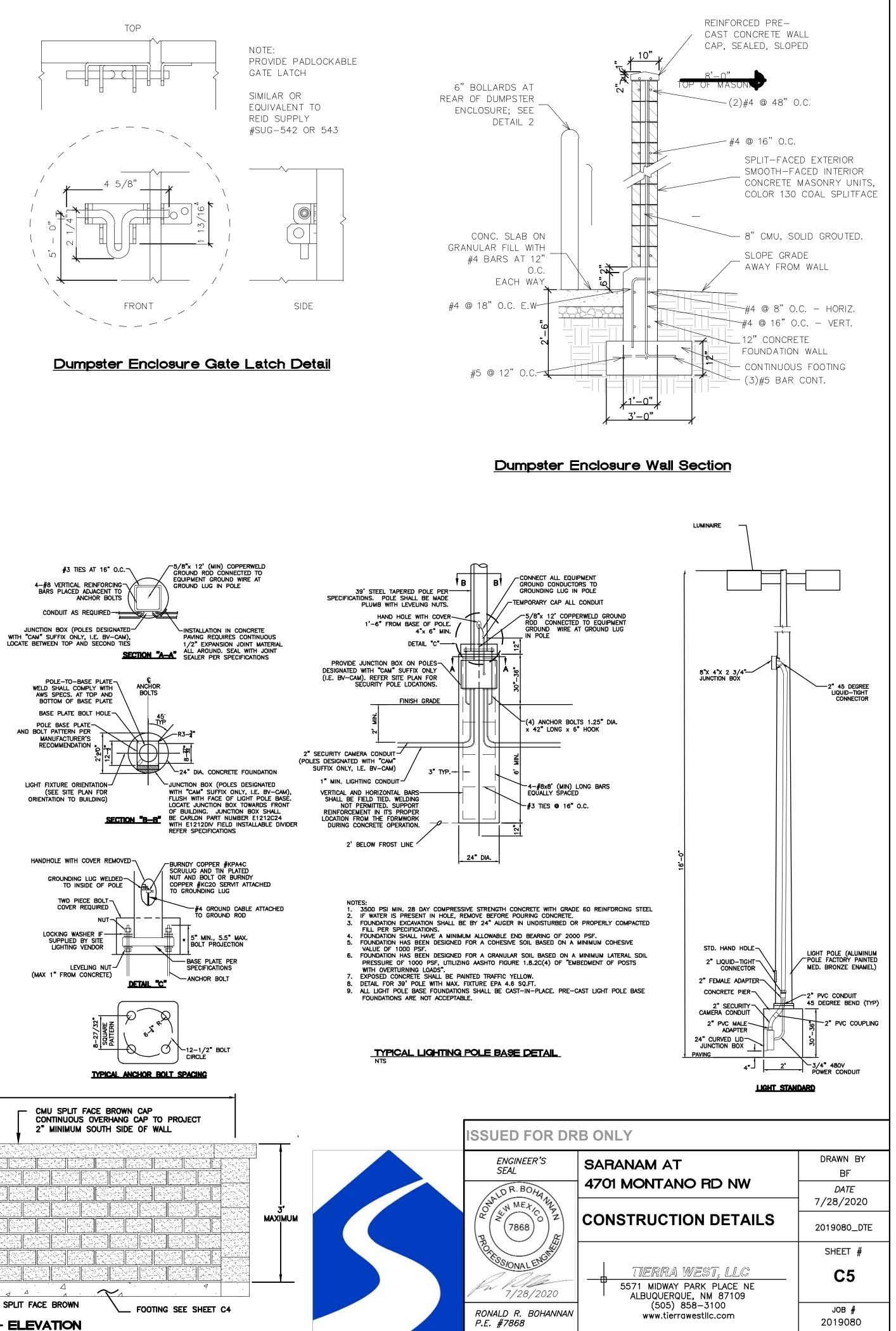
PREVENT ANY CONFLICTS WHERE THESE LINES INTERSECT ONE ANOTHER.

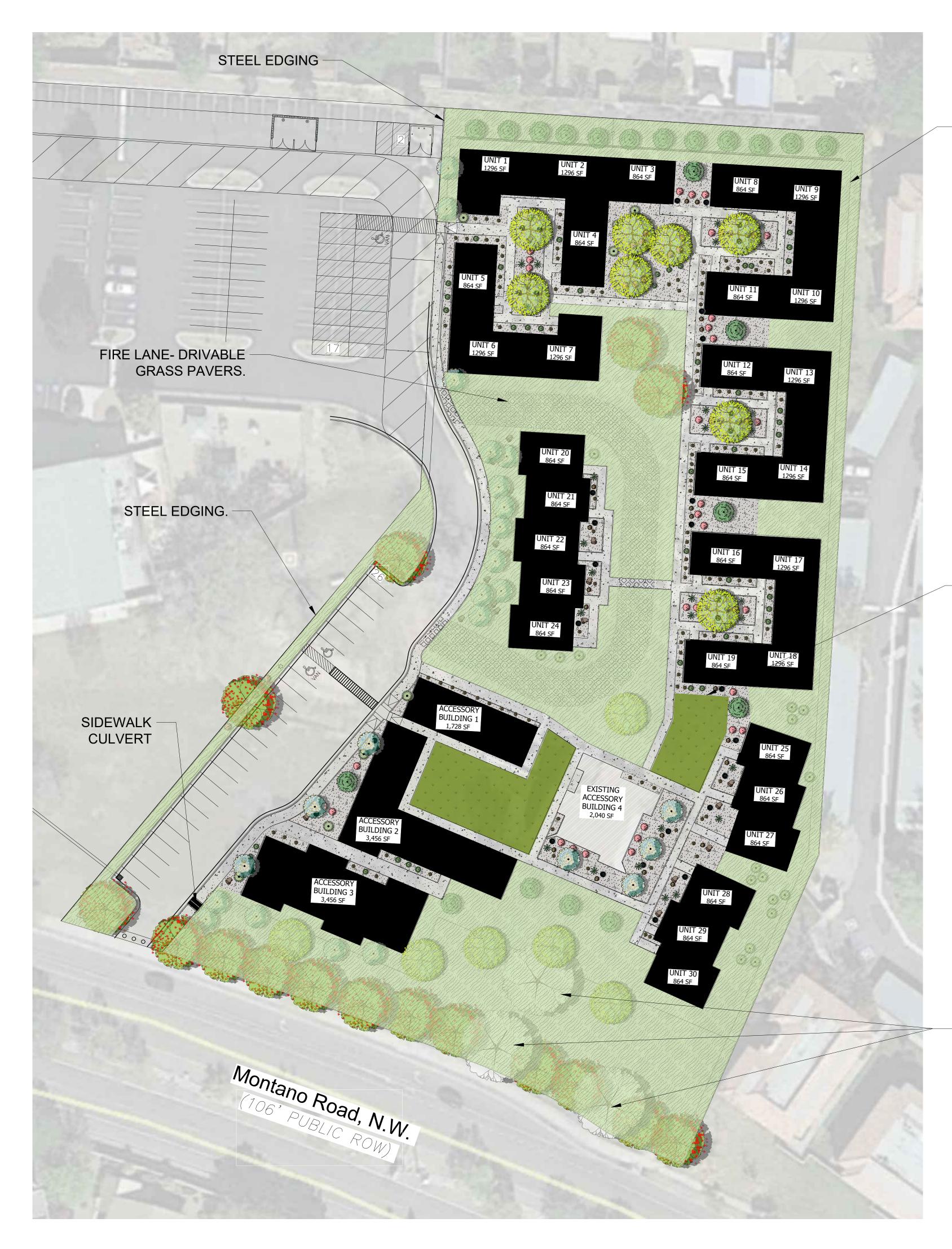
LEGEND











EXISTING SITE SETBACK PER EDGE BUFFERING 5-6(E)(1)(b) IN THE IDO THE REQUIRED BUFFERING IS NOT REQUIRED.

- OPTIONAL 6" MOW CURB BETWEEN SOD AREA AND GRAVEL AREAS.

EXISTING TREES TO REMAIN AND **BE PROTECTED DURING CONSTRUCTION.**

GROS LESS NET L

REQU PRO\ REQU PROVIDE REQU PROVIDE TOTAI TOTAI

> REQI 75% (16, PRO PER PARK PARK PRO PER OF TOT

OWNER. CURB CUTS.

SEEDING.

ANGLE. OF BORING.

SITE DATA

GROSS LOT AREA (4.03 ACRES)	<u> </u>
LESS BUILDING(S)	40,920 SF
NET LOT AREA	108,951 SF
REQUIRED LANDSCAPE	
15% OF NET LOT AREA	<u>16,342</u> SF
PROPOSED LANDSCAPE	81,128 SF
PROPOSED OFFSITE LANDSCAPE	0SF
TOTAL PROPOSED LANDSCAPE	81,128 SF
PERCENT OF NET LOT AREA	72%
rendent of her convince/	/0
REQUIRED STREET TREES	14
PROVIDED/EXISTING AT 25' O.C. SPAC	
REQUIRED PARKING LOT TREES	
ROVIDED AT 1 PER 10 SPACES (45 SPAC	CES/10) (
ROVIDED AT 1 PER DWELLING UNIT(30 U	
TOTAL REQUIRED TREES:	4
TOTAL PROVIDED TREES**:	6 (main)**
**(does not include 10 existing trees to rep	main)
75% LIVE VEGETATIVE MATERIAL	
(16,342 SF PROPOSED LANDSCAPE	,
PROVIDED GROUNDCOVER COVERA	
PERCENT GROUNDCOVER COVERAC	
OF REQUIRED LANDSCAPE AREAS	65%
PARKING LOT COVERAGE (10% OF 8	605SE) 861 SE

PARKING LOT COVERAGE (10% OF 8,605SF)	861 SF
PARKING LOT COVERAGE PROVIDED	3,161SF/36%
PROVIDED NATIVE SEED GROUNDCOVER PERCENT GROUNDCOVER COVERAGE	58,856 SF
OF REQUIRED LANDSCAPE AREAS	351%
TOTAL PERCENT GROUND COVER COVERAGE	
OF REQUIRED LANDSCAPE AREAS	416%

IRRIGATION NOTE

P SYSTEM RUN CYCLES: ABLISHMENT AND SUMMER: OUR/4 DAYS A WEEK	
RING: DUR/2-3 DAYS A WEEK	
<u>DUR</u> /2-3 DAYS A WEEK	

1 HOUR/2-3 DAYS A WEEK WINTER: 1 HOUR/2 DAYS PER MONTH

LEGAL DESCRIPTION:

LOT 27A2 SUBDIVISION- TAYLOR RANCH. IDO-ZONE MX-L

- **GENERAL NOTES**: 1. MAINTENANCE OF THE LANDSCAPE AND IRRIGATION PROVIDED BY THE PROPERTY
- 2. LANDSCAPE AREAS SHALL BE DEPRESSED TO PROVIDE POSITIVE DRAINAGE FOR SITE RUN OFF. SEE CIVIL DRAWINGS FOR DRAINAGE INFORMATION AND PLACEMENT OF
- 3. THE LANDSCAPE PLAN IS DESIGNED TO MEET ALL CITY OF ALBUQUERQUE, AND IDO REQUIREMENTS.
- 4. PLANT MATERIALS AND SIGNING WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. THEREFORE SIGNS, WALLS, TREES, AND SHRUBBERY BETWEEN 3 AND 8 FEET TALL (AS MEASURED FROM THE GUTTER PAN) ARE NOT ACCEPTABLE IN 'CLEAR SIGHT' AREAS.
- 5. THE LANDSCAPE PLAN IS DESIGNED TO COMPLY WITH THE GENERAL IDO LANDSCAPING REGULATIONS(section 14-16-5-6) INCLUDING PROVISION OF A MINIMUM OF 75% LIVE GROUND COVERAGE, MEASURED AT MATURITY, OF ALL REQUIRED LANDSCAPE AREAS, AND A MINIMUM OF 25% REQUIRED VEGETATIVE COVERAGE OF GROUND LEVEL PLANTS.

PLANTINGS NOTES:

- 1. THE LANDSCAPE DESIGN SHALL COMPLY WITH THE CITY OF ALBUQUERQUE WASTE WATER CONSERVATION, LANDSCAPE, IDO, AND WATER WASTE ORDINANCE.. 2.THE R.O.W. (WHEN DEDICATED TO THE PUBLIC) SHALL BE MAINTAINED BY THE PROPERTY OWNER. THE PLAN SHALL FOLLOW THE COA DESIGN GUIDELINES FOR
- STREET TREES UNLESS OBSTRUCTED BY UTILITY EASEMENTS. 3. ALL LANDSCAPE AREAS SHALL BE COVERED WITH MULCH. USE GRAVEL MULCH AT 2"-3" DEPTH OVER FILTER FABRIC.
- 4. WHERE MULCH IS ADJACENT TO THE CONCRETE, FINISH GRADE OF MULCH SHALL BE APPROXIMATELY 1/2" BELOW THE TOP OF CONCRETE.
- 5. ORGANIC MULCH, SUCH AS WOOD CHIPS OR PECAN SHELLS, IS REQUIRED AS GROUND COVER OVER THE PORTION OF ANY LANDSCAPED AREAS SURROUNDING THE VEGETATION ROOT BALL, AS WELL AS BENEATH THE ENTIRE TREE CANOPY OR DRIPLINE , IN EACH REQUIRED LANDSCAPE AREA. 6. ALL NATIVE SEED AREA SOILS ARE TO BE AMENDED WITH COMPOST MULCH BEFORE
- 7. BROWN STEEL EDGING IS TO BE PLACED BETWEEN ALL AREAS OF GRAVEL AND
- NATIVE SEEDING. BETWEEN AREAS OF GRAVEL AND SOD, OPTIONAL 6" MOW CURB OR GREEN STEEL EDGING IS TO BE PLACED.

IRRIGATION NOTES:

- 1. ALL NEW PLANTINGS TO BE WATERED BY AUTO DRIP IRRIGATION SYSTEM. 2. WATER MANAGEMENT AND THE MAINTENANCE OF THE IRRIGATION SYSTEM IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER.
- 3. THE IRRIGATION SYSTEM SHALL BE CONNECTED TO CITY WATER. THE POINT OF CONNECTION SHALL CONSIST OF A WATER METER, BACKFLOW PREVENTER, AND MASTER VALVE.
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- **YELLOWSTONE** www.yellowstonelandscape.com PO Box 10597 Albuquerque, NM 87184 505.898.9615 design@yellowstonelandscape.com Date: <u>2/25/2020</u> **Revisions**: 2.26.20 2.27.20 07.23.20 08.19.20 09.14.20 09.17.20 Drawn by: VBlount Reviewed by: <u>JB</u> vlor Ranch Rd NW New Mexico ite Cal ω Tay ue, Ο anan Montano Rd 8 Albuquer σ S NORTH Scale: 1" = 30' 15' 0 30' 60' Sheet Title: Landscape Plan Sheet Number:

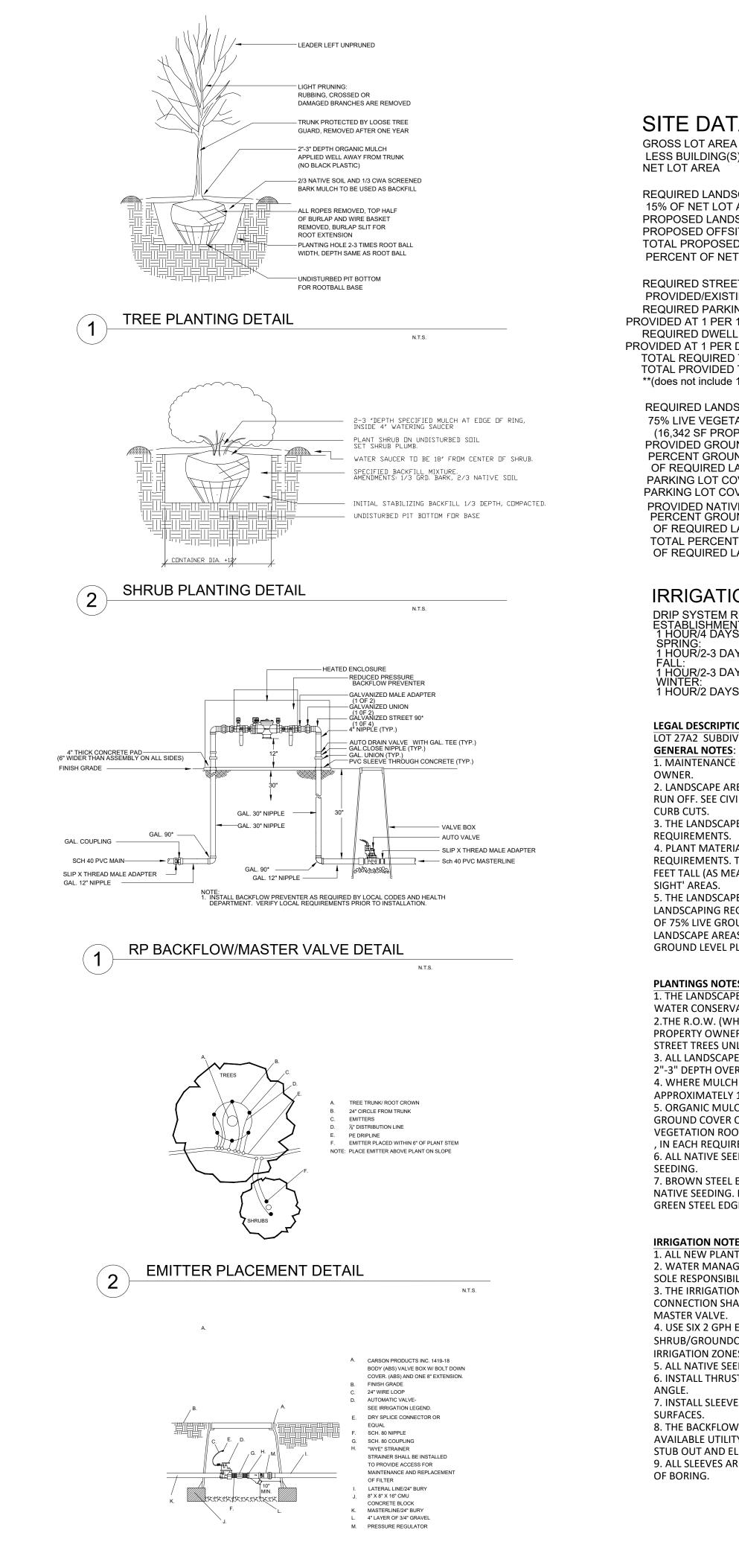
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PLANT SCHEDULE BASE 20.07.23

	TREES	QTY	BOTANICAL / COMMON NAME	SIZE		
		3	EXISTING TREE	VARIES		
	DECIDUOUS TREES	QTY	BOTANICAL / COMMON NAME	SIZE		
		16	PISTACIA CHINENSIS / CHINESE PISTACHE	2" B&B		
E		24	PYRUS CALLERYANA `CLEVELAND SELECT` / CLEVELAND SELECT PEAR	2" B&B		
		14	ULMUS PARVIFOLIA `ALLEE` / ALLEE LACEBARK ELM	2" B&B		
	EVERGREEN TREES	QTY	BOTANICAL / COMMON NAME	SIZE		
		21	PINUS NIGRA / AUSTRIAN BLACK PINE	6`-8` B&B		
	DESERT ACCENTS	QTY	BOTANICAL / COMMON NAME	SIZE	WATER USE	REBATE ALLOW.
	*	28	HESPERALOE PARVIFLORA / RED YUCCA	5 GAL	LOW+	20
		25	NOLINA MICROCARPA / BEARGRASS	5 GAL	RW	30
	GRASSES	QTY	BOTANICAL / COMMON NAME	SIZE	WATER USE	REBATE ALLOW.
		118	CALAMAGROSTIS X ACUTIFLORA `KARL FOERSTER` / FEATHER REED GRASS	1 GAL	MEDIUM	10
	DECIDUOUS SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	WATER USE	REBATE ALLOW.
		32	CARYOPTERIS X CLANDONENSIS `DARK KNIGHT` / BLUE MIST SPIREA	1 GAL	LOW+	15
		58	RHUS AROMATICA `GRO-LOW` / GRO-LOW FRAGRANT SUMAC	5 GAL	LOW+	30
		19	SALVIA GREGGII / AUTUMN SAGE CHERRY	1 GAL	LOW+	15
	EVERGREEN SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	WATER USE	REBATE ALLOW.
		42	RHAPHIOLEPIS INDICA / INDIAN HAWTHORN	5 GAL	MEDIUM	20
	SOD/SEED	QTY	BOTANICAL / COMMON NAME	TYPE		
		58,856 SF	NATIVE GRASS SEED MIX -NATIVE WONDER / 4LBS/1000SF SEED IRRIGATED WITH ROTORS AT APPROX. 75% COVERAGE SEEDING TO BE PERFORMED BETWEEN JUNE 1st AND SEPTEMBER 15th	AREA		
		4,786 SF	SOD- PARK BLEND / IRRIGATED- 1804 POP UP PRS SPRAY	AREA		

REFERENCE NOTES SCHEDULE BASE 20.07.23

SYMBOL	DESCRIPTION	QTY
đ	Medium Boulder	32
SYMBOL	DESCRIPTION	QTY
	3/4" Grey Crushed Gravel 2" Depth over Filter Fabric	17,486 sf
SYMBOL	PAVING DESCRIPTION	QTY
	Belgard Hardscapes Turfstone Modified Running Bond	7,022 sf





N.T.S.

SITE DATA

LOT AREA (4.03 ACRES)	<u>149,871</u> SF	
UILDING(S)	<u>40,920</u> SF	
TAREA	<u> 108,951</u> SF	
ED LANDSCAPE	10.010	
NET LOT AREA	<u> </u>	
SED LANDSCAPE	<u>81,128</u> SF	
SED OFFSITE LANDSCAPE	0 SF	
PROPOSED LANDSCAPE	81,128 SF	
NT OF NET LOT AREA	72%	
ED STREET TREES		14
DED/EXISTING AT 25' O.C. SPACI	NG ALONG STREET	14
ED PARKING LOT TREES		5
AT 1 PER 10 SPACES (45 SPACE	ES/10)	5
ED DWELLING UNIT TREE		30
AT 1 PER DWELLING UNIT(30 UN	NITS)	66
REQUIRED TREES:		49
ROVIDED TREES**:		68
not include 10 existing trees to remain	ain)**	
RED LANDSCAPE COVERAGE		
VE VEGETATIVE MATERIAL		
2 SF PROPOSED LANDSCAPE X		IN.
ED GROUNDCOVER COVERAG		
INT GROUNDCOVER COVERAGE		
QUIRED LANDSCAPE AREAS	65%	
IG LOT COVERAGE (10% OF 8,60		
G LOT COVERAGE PROVIDED	3,161SF/36%	
DED NATIVE SEED GROUNDCO		
	E 351%	
PERCENT GROUND COVER CC	VERAGE 416%	
QUINED LANDSCAFE AREAS	41070	

IRRIGATION NOTE

DRIP SYSTEM RUN CYCLES: ESTABLISHMENT AND SUMMER: 1 HOUR/4 DAYS A WEEK

HOUR/2-3 DAYS A WEEK

1 HOUR/2-3 DAYS A WEEK

1 HOUR/2 DAYS PER MONTH

LEGAL DESCRIPTION:

LOT 27A2 SUBDIVISION- TAYLOR RANCH. IDO-ZONE MX-L

1. MAINTENANCE OF THE LANDSCAPE AND IRRIGATION PROVIDED BY THE PROPERTY

2. LANDSCAPE AREAS SHALL BE DEPRESSED TO PROVIDE POSITIVE DRAINAGE FOR SITE RUN OFF. SEE CIVIL DRAWINGS FOR DRAINAGE INFORMATION AND PLACEMENT OF

3. THE LANDSCAPE PLAN IS DESIGNED TO MEET ALL CITY OF ALBUQUERQUE, AND IDO REQUIREMENTS. 4. PLANT MATERIALS AND SIGNING WILL NOT INTERFERE WITH CLEAR SIGHT

REQUIREMENTS. THEREFORE SIGNS, WALLS, TREES, AND SHRUBBERY BETWEEN 3 AND 8 FEET TALL (AS MEASURED FROM THE GUTTER PAN) ARE NOT ACCEPTABLE IN 'CLEAR

5. THE LANDSCAPE PLAN IS DESIGNED TO COMPLY WITH THE GENERAL IDO LANDSCAPING REGULATIONS(section 14-16-5-6) INCLUDING PROVISION OF A MINIMUM OF 75% LIVE GROUND COVERAGE, MEASURED AT MATURITY, OF ALL REQUIRED LANDSCAPE AREAS, AND A MINIMUM OF 25% REQUIRED VEGETATIVE COVERAGE OF GROUND LEVEL PLANTS.

PLANTINGS NOTES:

1. THE LANDSCAPE DESIGN SHALL COMPLY WITH THE CITY OF ALBUQUERQUE WASTE WATER CONSERVATION, LANDSCAPE, IDO, AND WATER WASTE ORDINANCE.. 2.THE R.O.W. (WHEN DEDICATED TO THE PUBLIC) SHALL BE MAINTAINED BY THE PROPERTY OWNER. THE PLAN SHALL FOLLOW THE COA DESIGN GUIDELINES FOR STREET TREES UNLESS OBSTRUCTED BY UTILITY EASEMENTS.

3. ALL LANDSCAPE AREAS SHALL BE COVERED WITH MULCH. USE GRAVEL MULCH AT 2"-3" DEPTH OVER FILTER FABRIC. 4. WHERE MULCH IS ADJACENT TO THE CONCRETE, FINISH GRADE OF MULCH SHALL BE

APPROXIMATELY 1/2" BELOW THE TOP OF CONCRETE. 5. ORGANIC MULCH, SUCH AS WOOD CHIPS OR PECAN SHELLS, IS REQUIRED AS

GROUND COVER OVER THE PORTION OF ANY LANDSCAPED AREAS SURROUNDING THE VEGETATION ROOT BALL, AS WELL AS BENEATH THE ENTIRE TREE CANOPY OR DRIPLINE , IN EACH REQUIRED LANDSCAPE AREA.

6. ALL NATIVE SEED AREA SOILS ARE TO BE AMENDED WITH COMPOST MULCH BEFORE 7. BROWN STEEL EDGING IS TO BE PLACED BETWEEN ALL AREAS OF GRAVEL AND

NATIVE SEEDING. BETWEEN AREAS OF GRAVEL AND SOD, OPTIONAL 6" MOW CURB OR GREEN STEEL EDGING IS TO BE PLACED.

IRRIGATION NOTES:

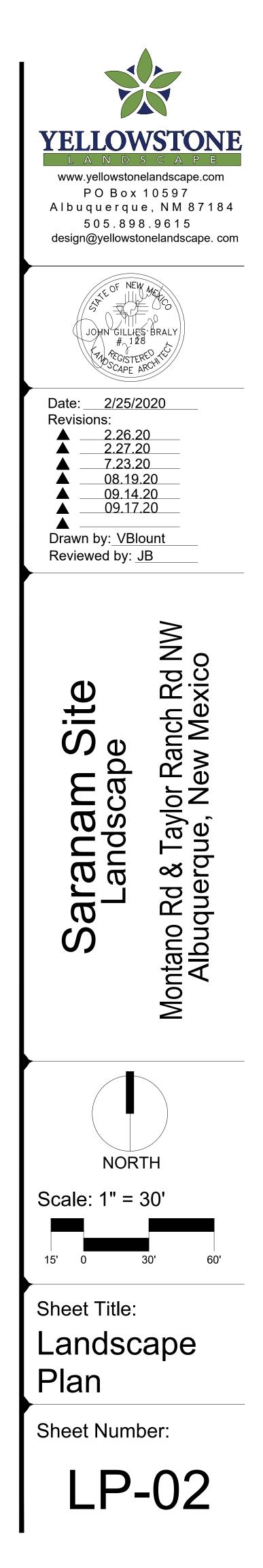
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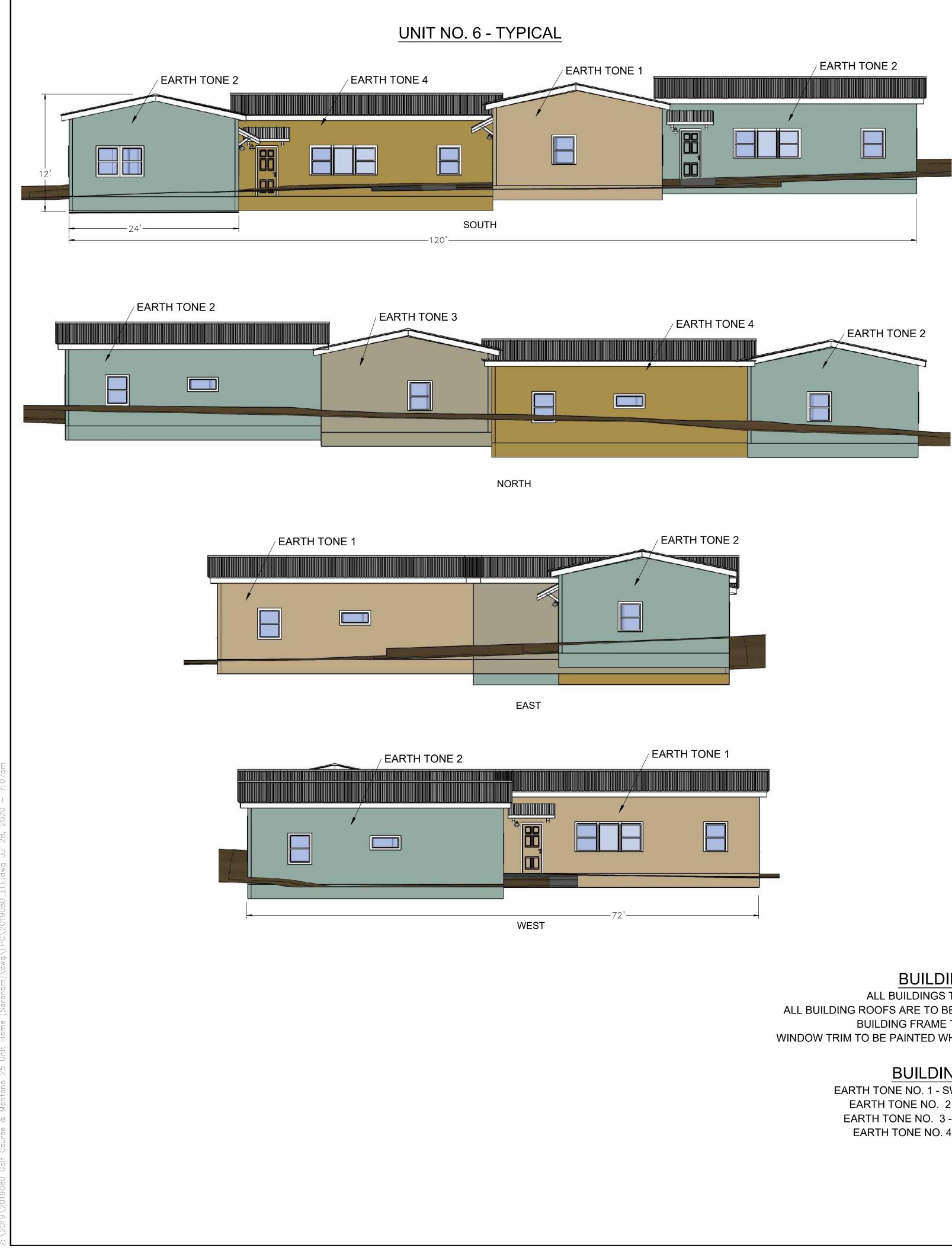
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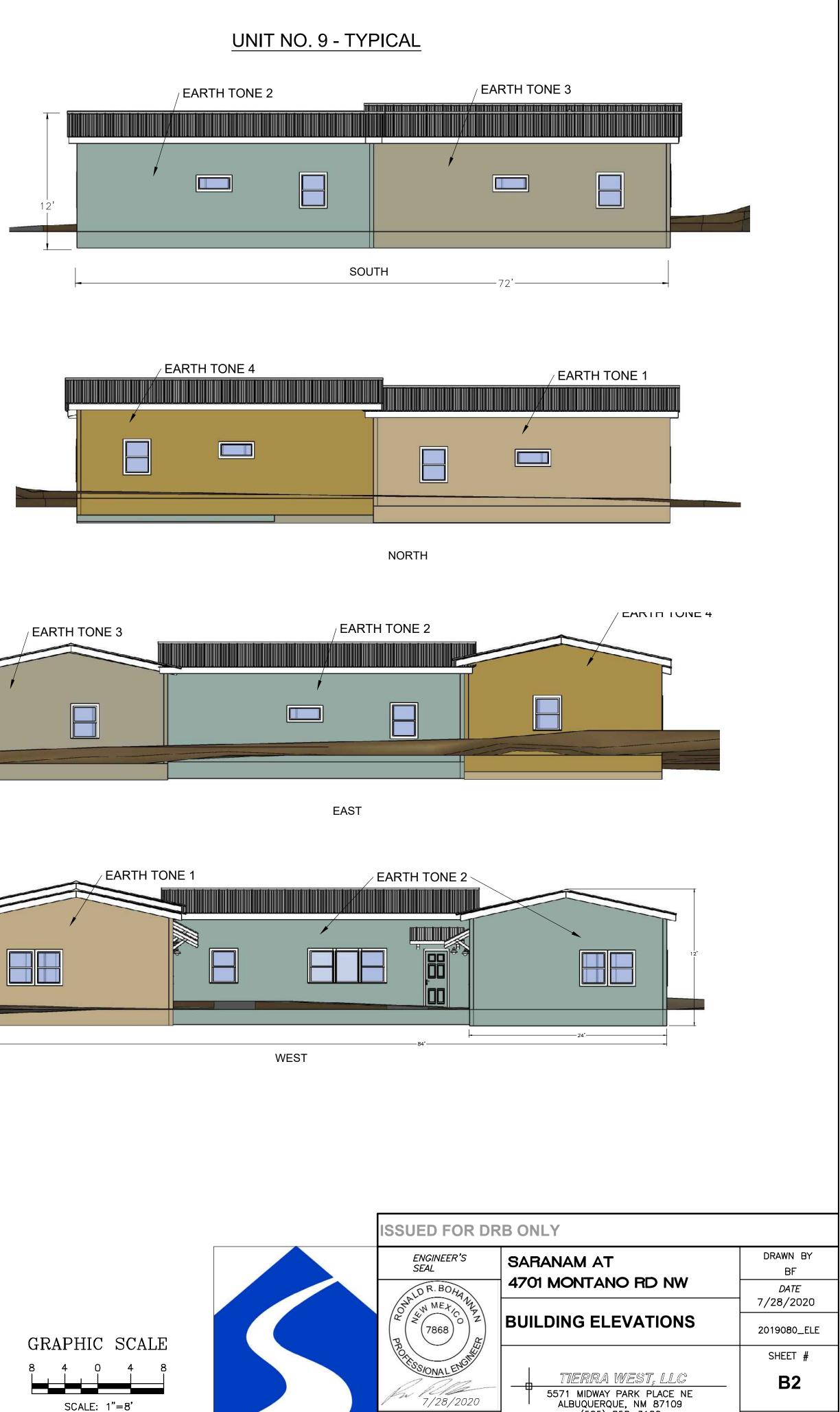
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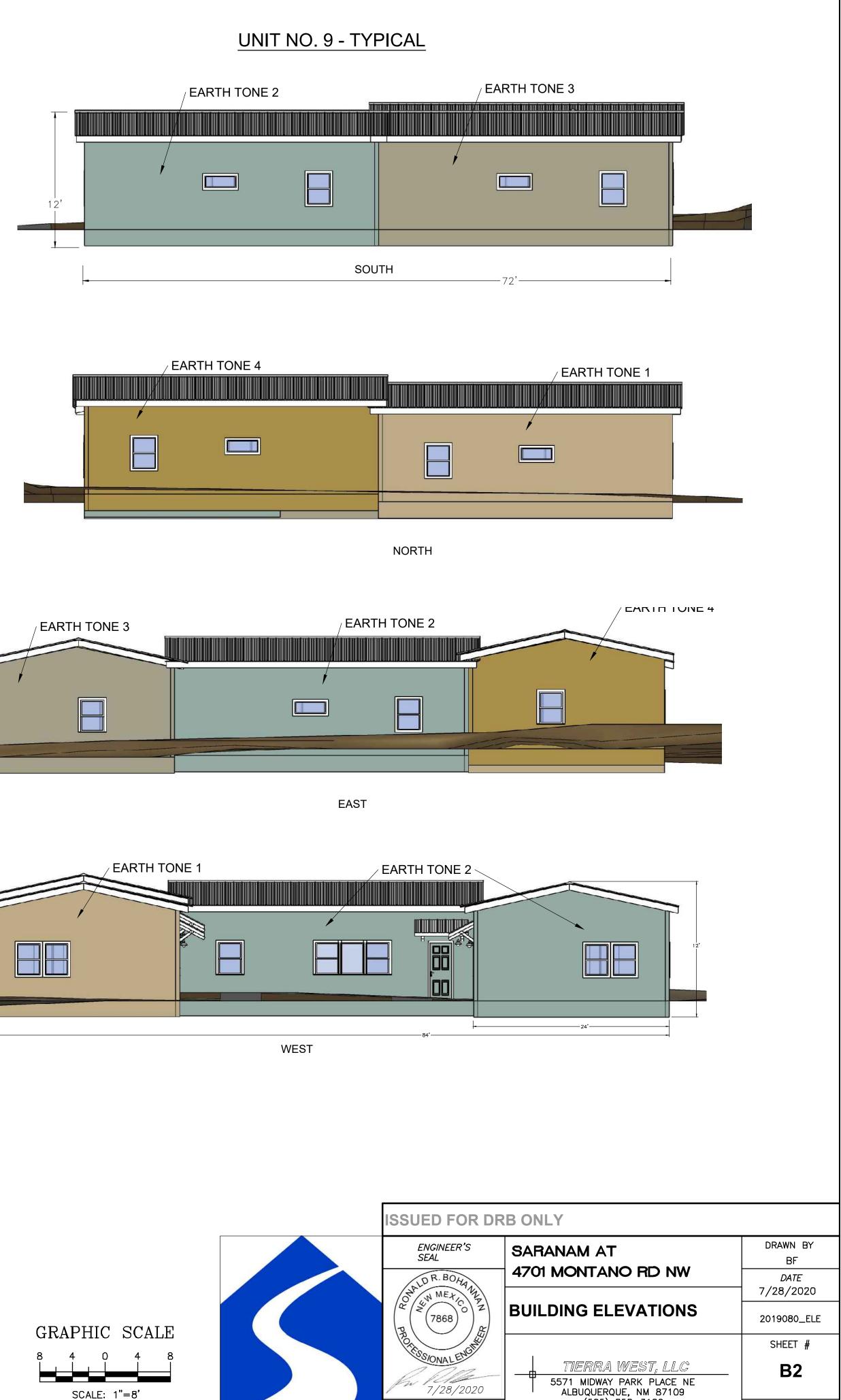
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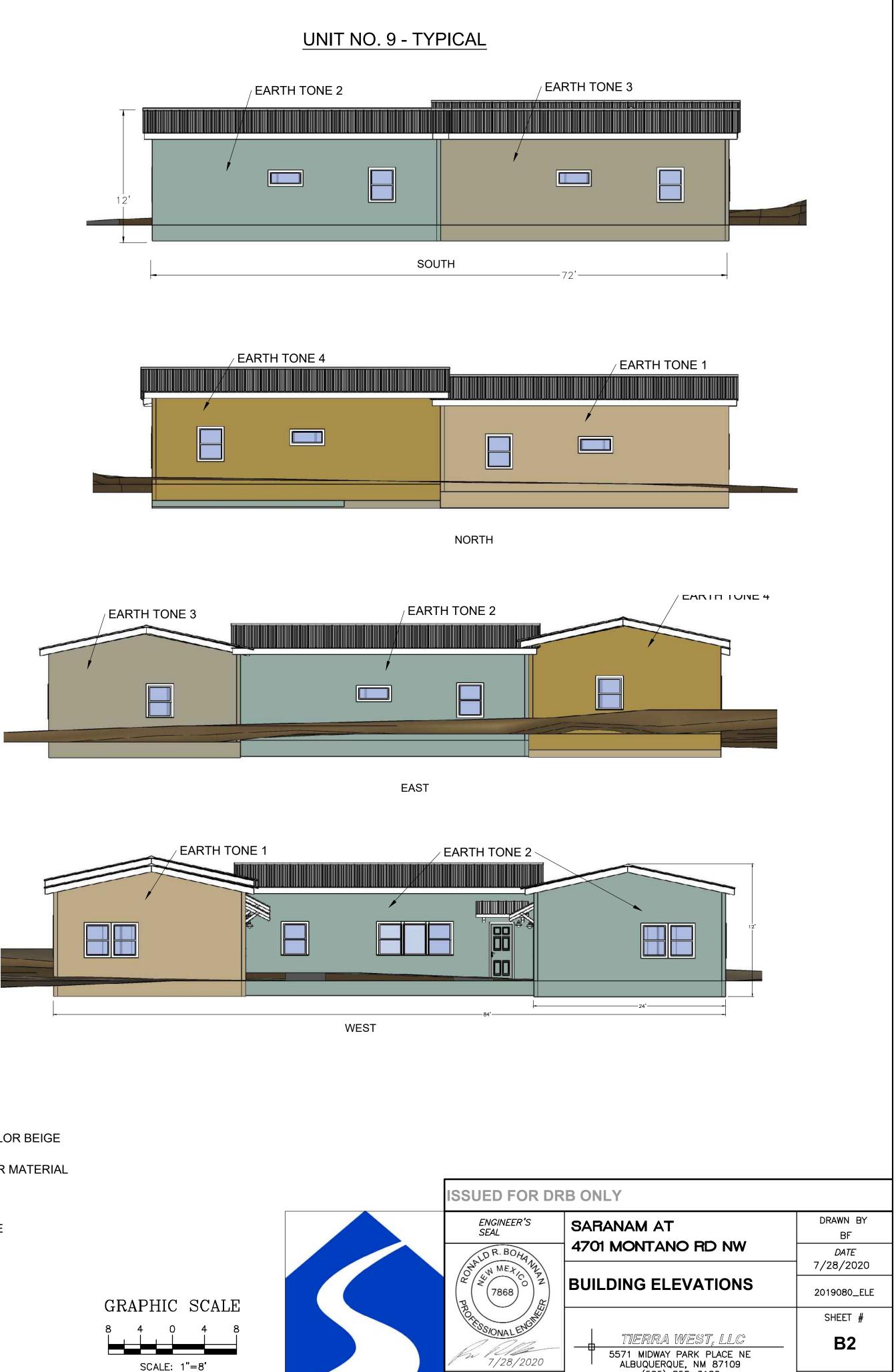










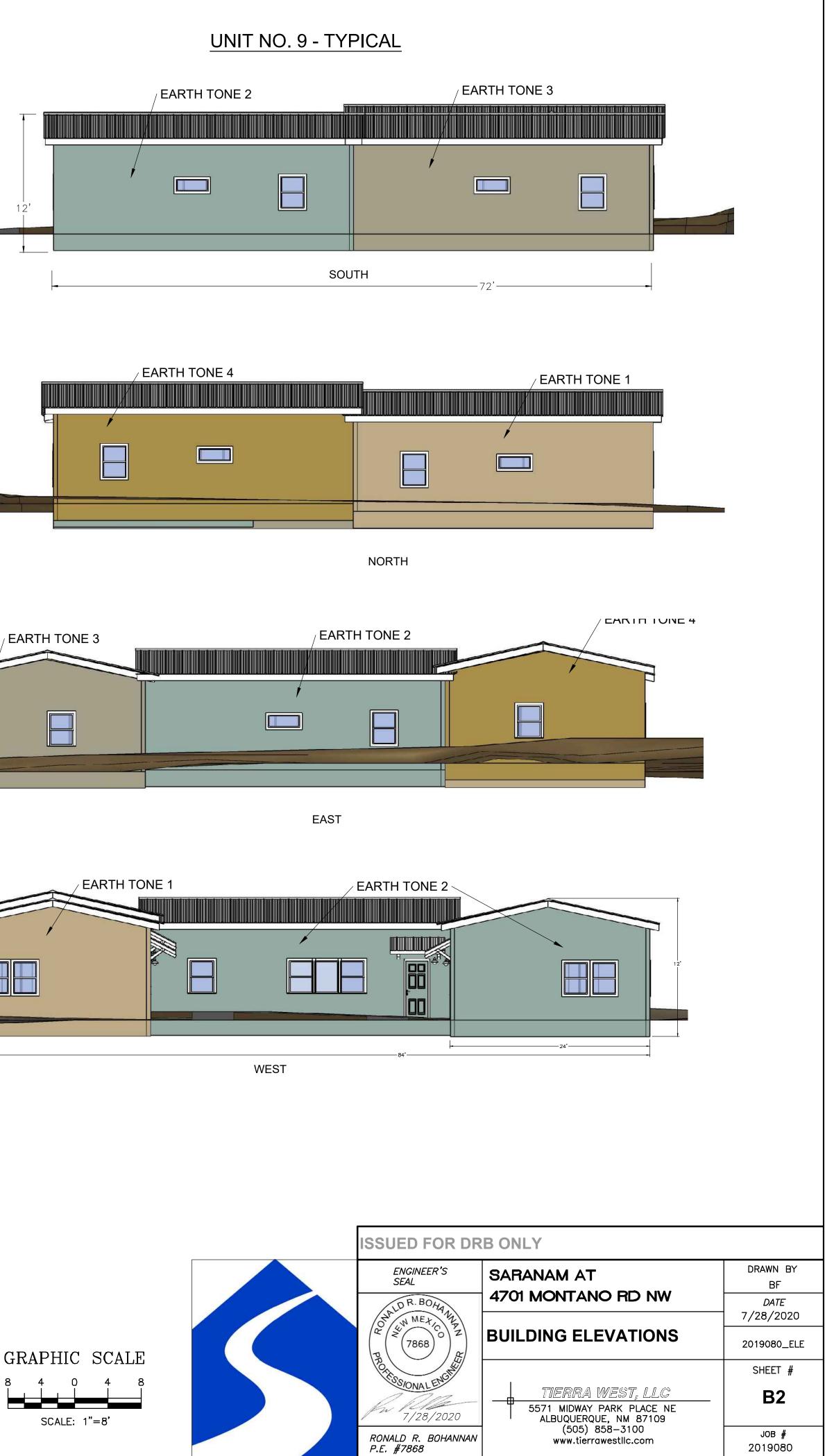


BUILDING NOTES

ALL BUILDINGS TO BE STUCCO FINISH ALL BUILDING ROOFS ARE TO BE METAL CORRUGATED COLOR BEIGE BUILDING FRAME TO BE STEEL OR WOOD WINDOW TRIM TO BE PAINTED WHITE AND WOOD OR SIMILAR MATERIAL

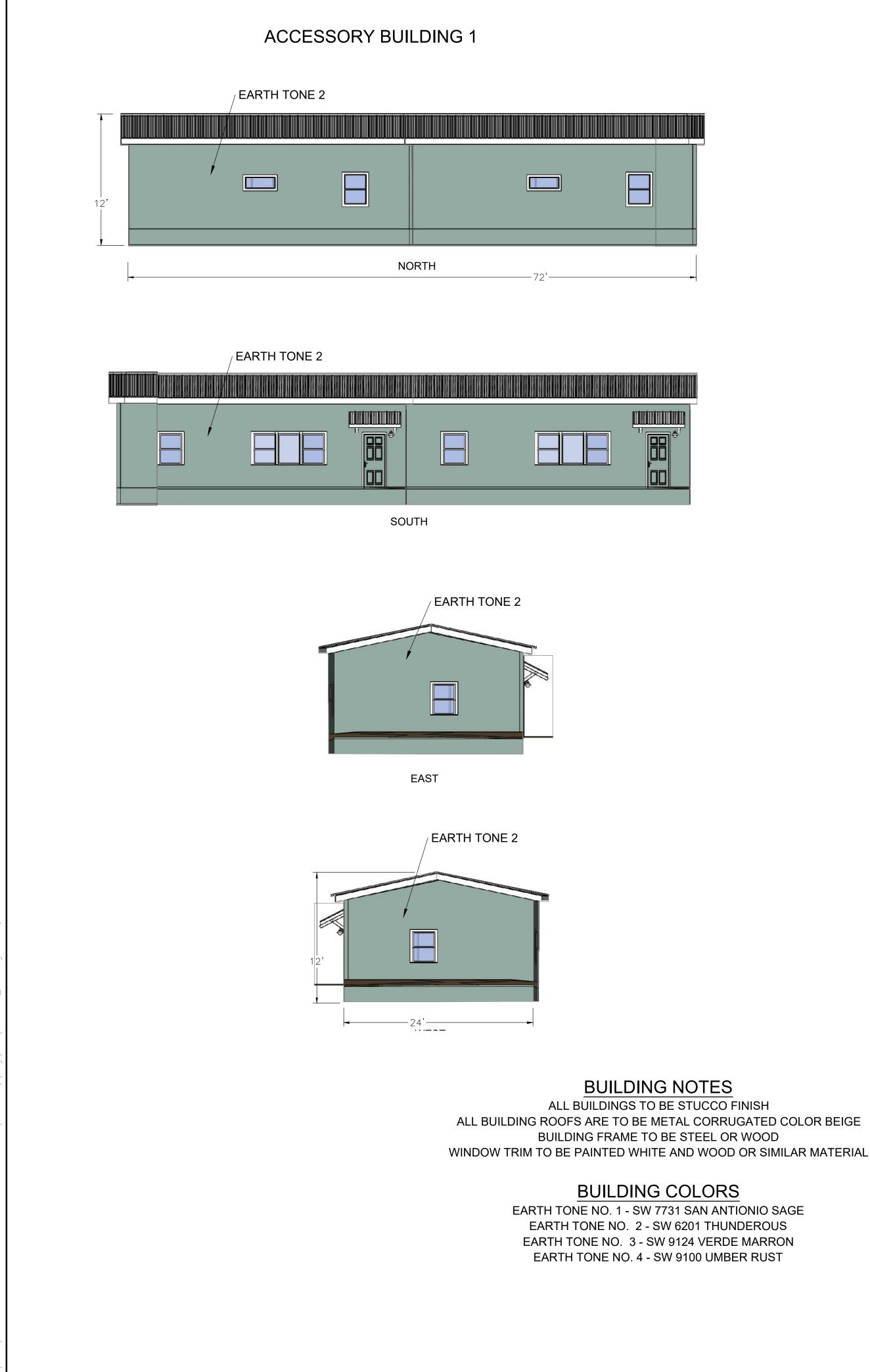
BUILDING COLORS

EARTH TONE NO. 1 - SW 7731 SAN ANTIONIO SAGE EARTH TONE NO. 2 - SW 6201 THUNDEROUS EARTH TONE NO. 3 - SW 9124 VERDE MARRON EARTH TONE NO. 4 - SW 9100 UMBER RUST

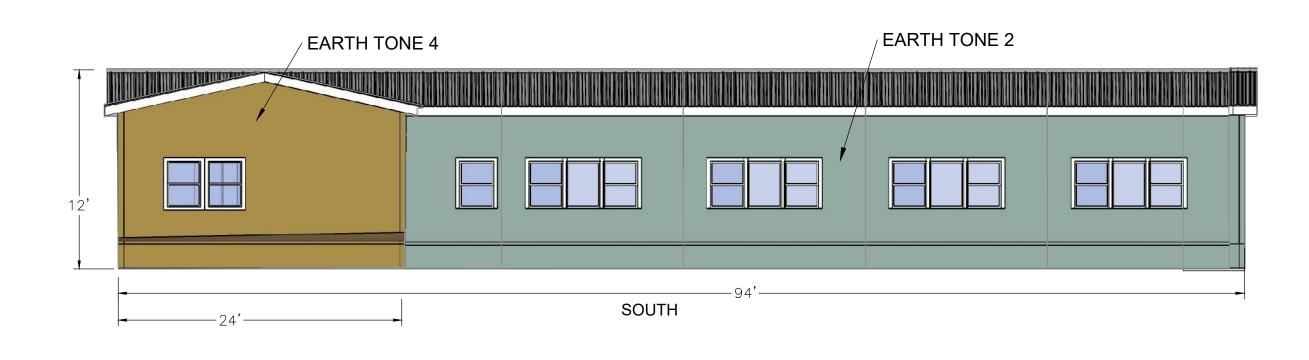


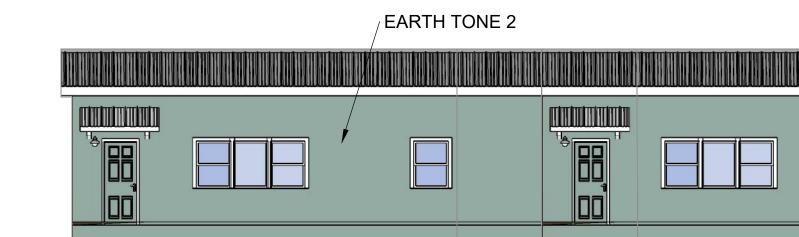
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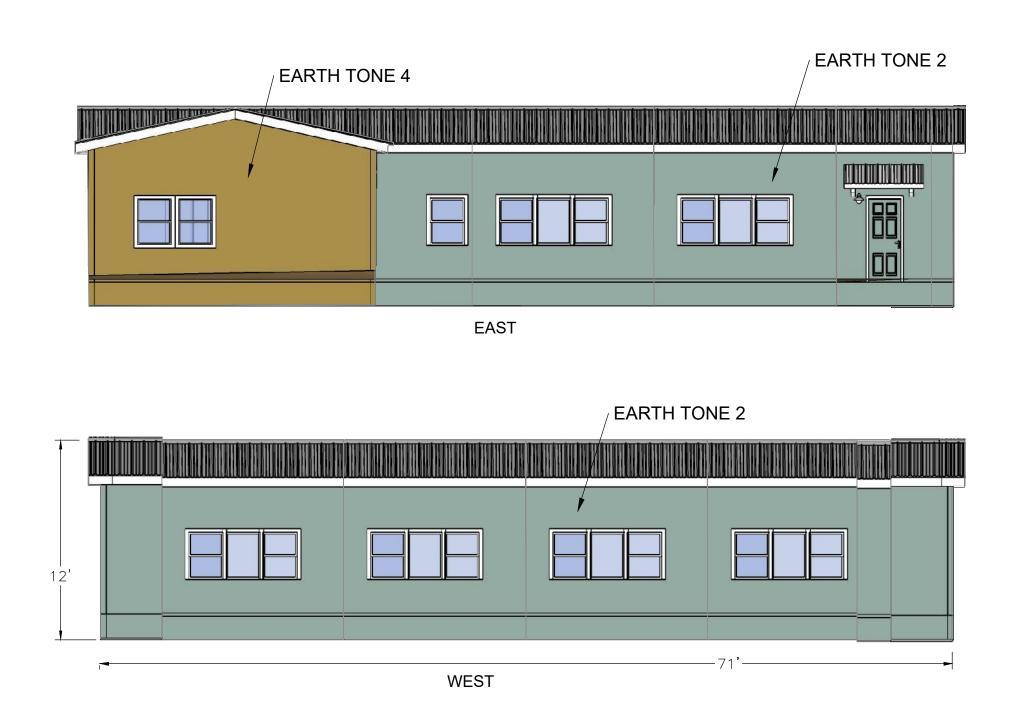


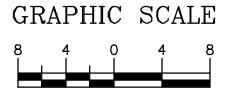
ACCESSORY BUILDING 2

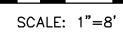


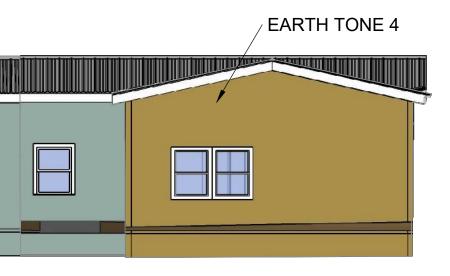


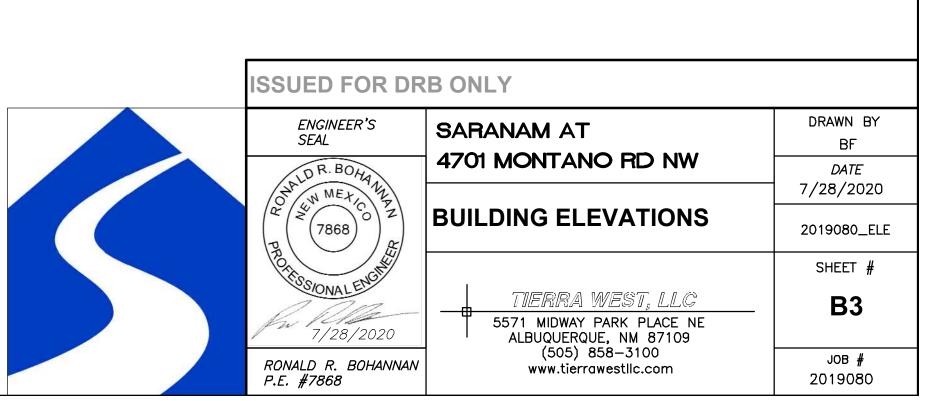
NORTH

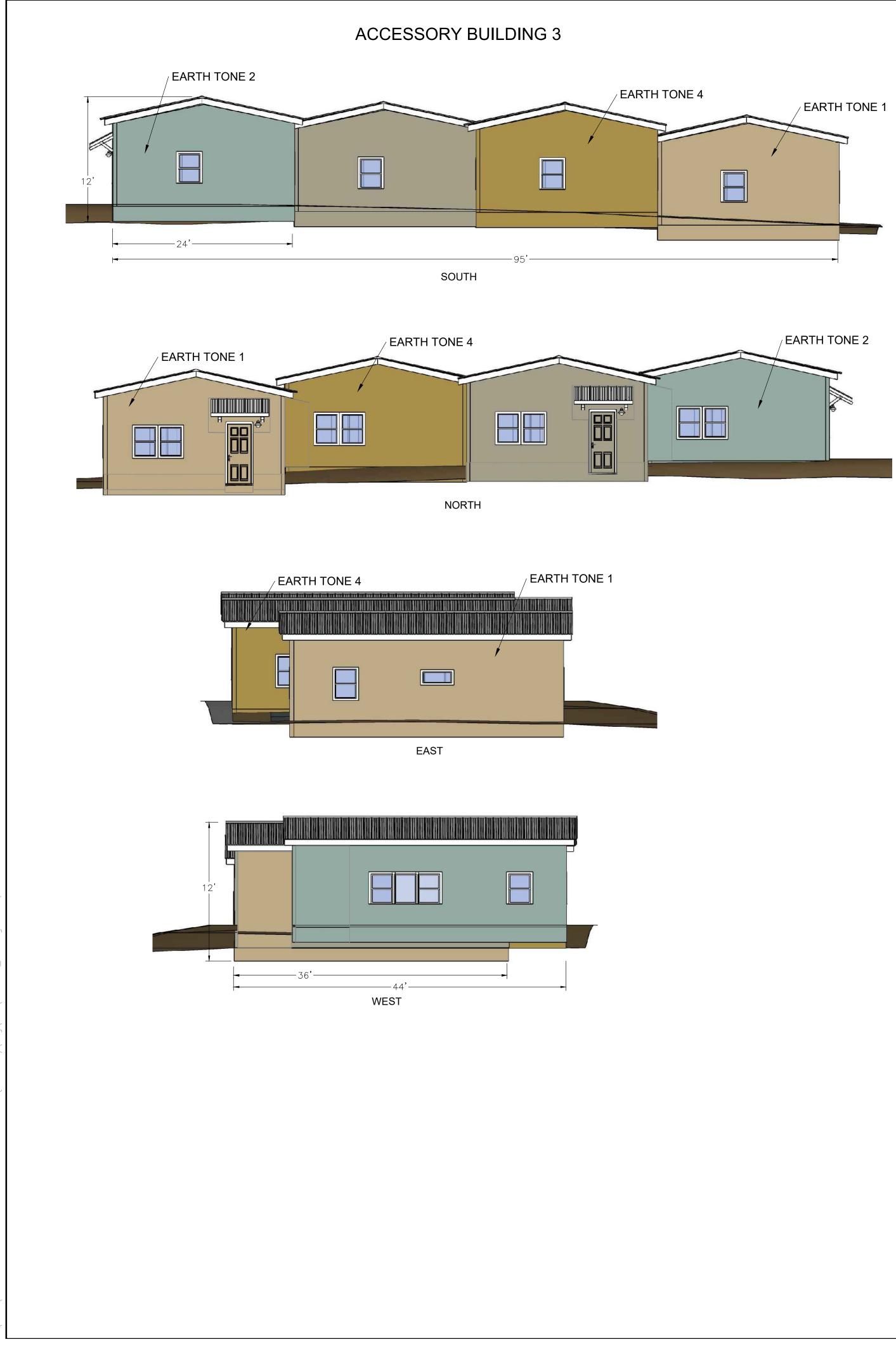












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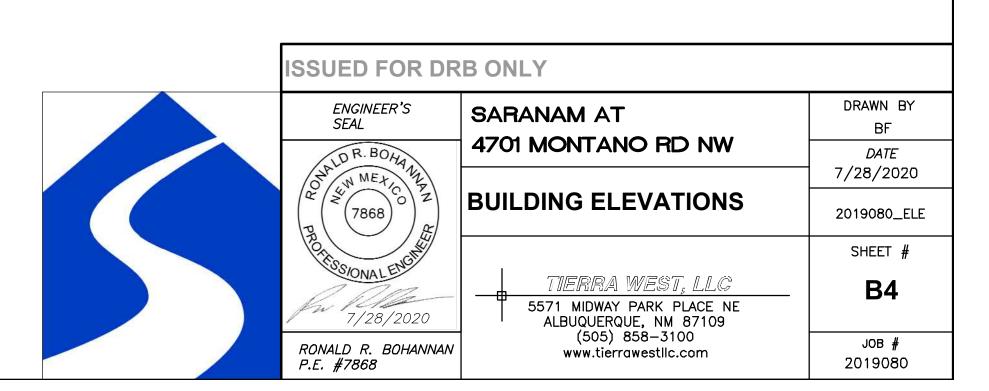
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GF	RAPI	SCA	LE	
8	4	0	4	8
	SC	ALE: 1	l"=8'	



PR-2020-003461_SI-2020-00704_Site_Plan_Ap proved_9-23-20_Sheet_1

Final Audit Report

2020-10-09

Created:	2020-09-23
Ву:	Jay Rodenbeck (jrodenbeck@cabq.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAA5M085a-wbxPL0UKyLM9Nmtq7PD3i7wly

"PR-2020-003461_SI-2020-00704_Site_Plan_Approved_9-23-20 _Sheet_1" History

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