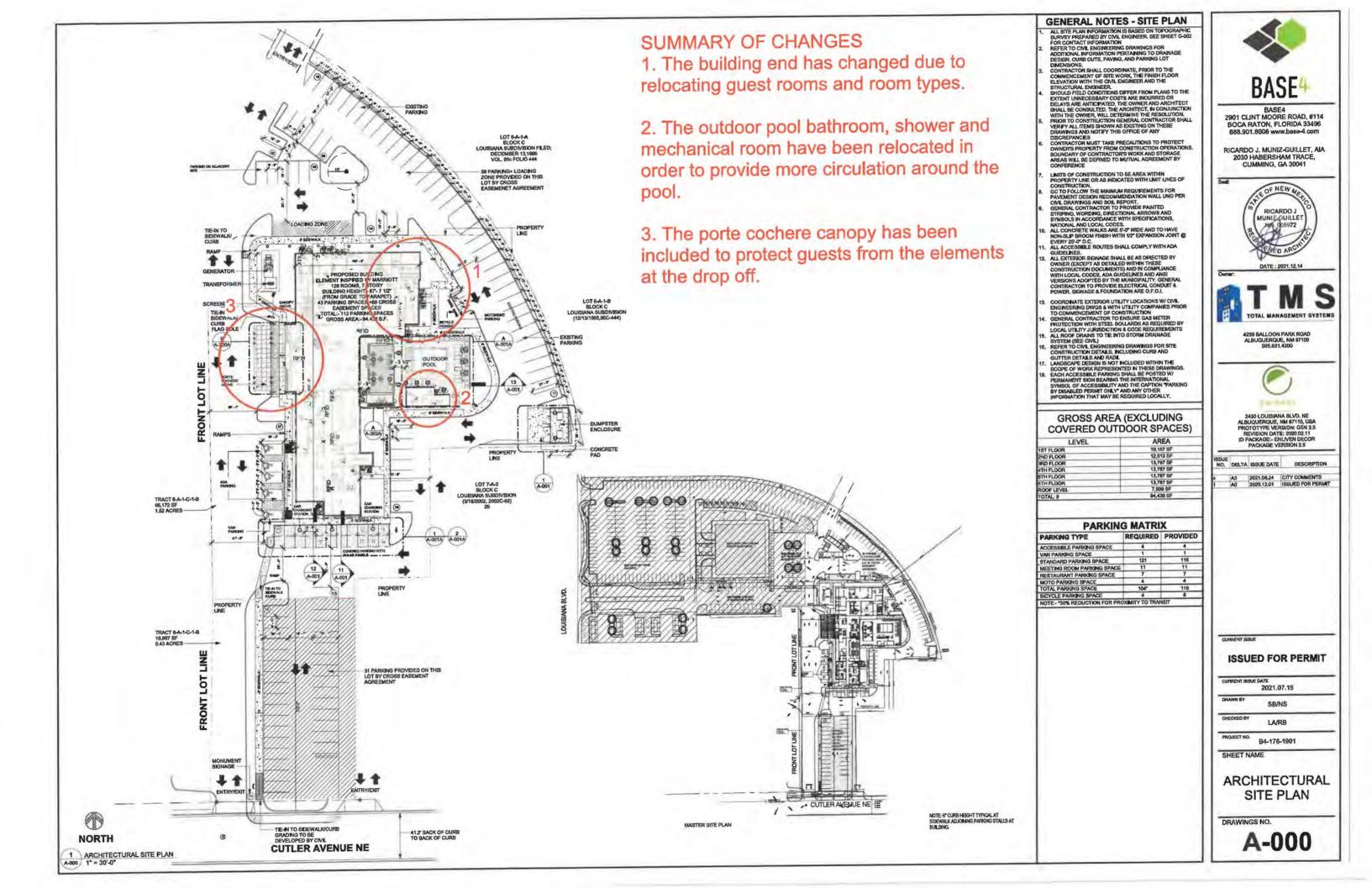
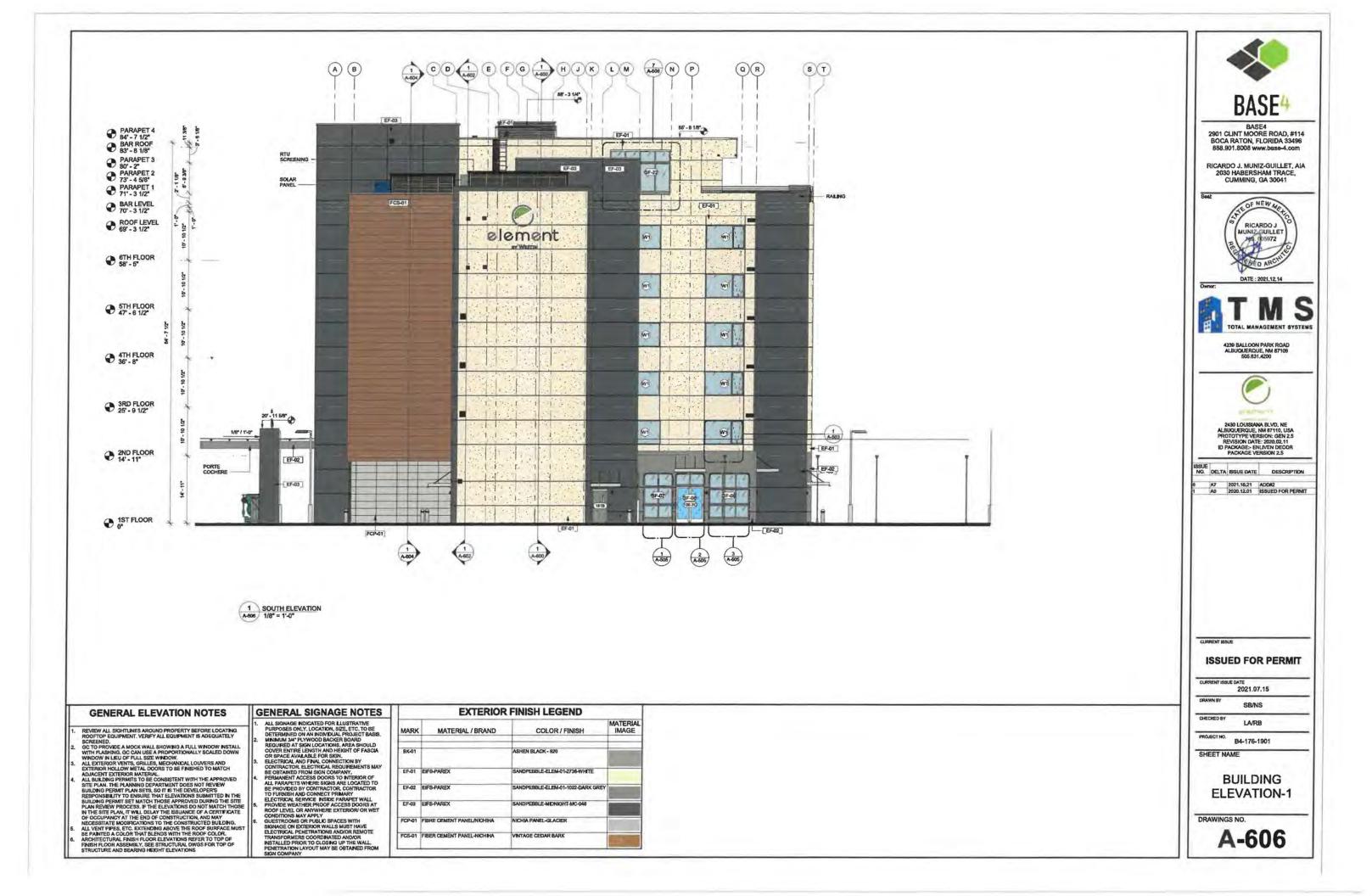
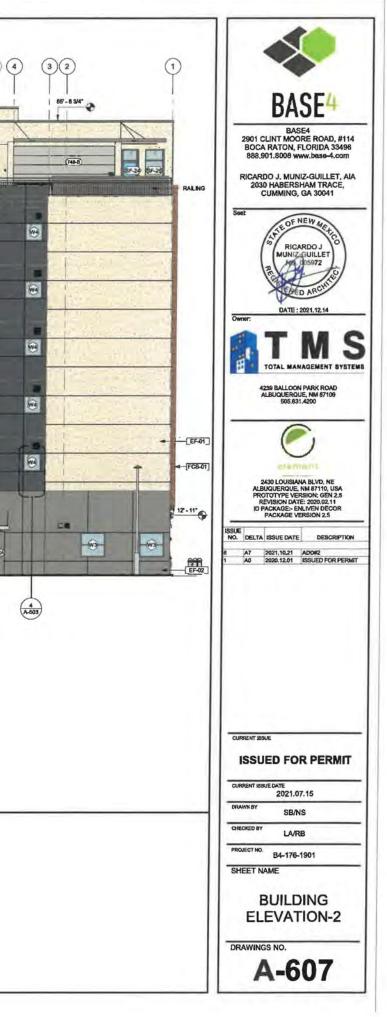
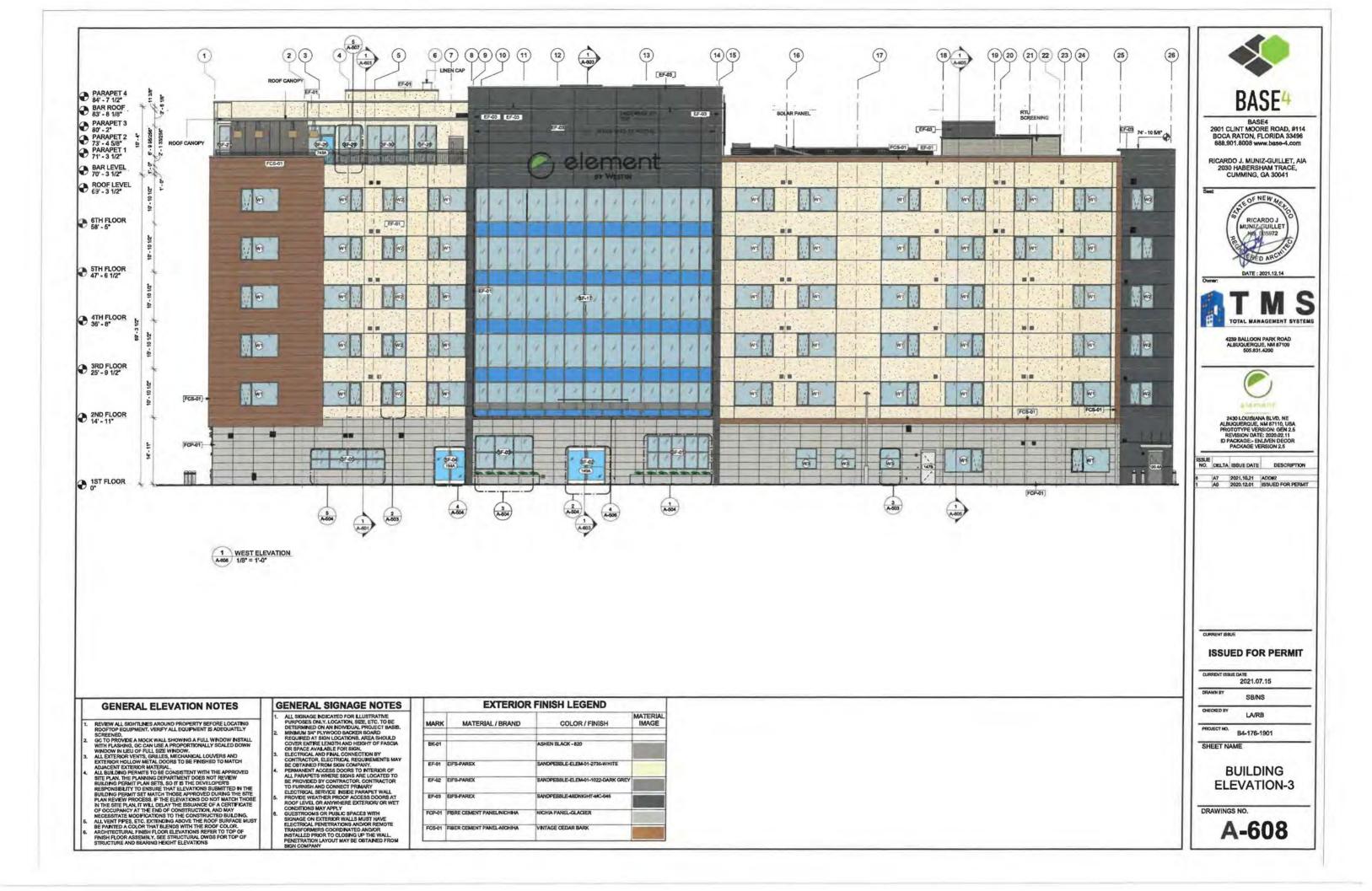
ADMINISTRATIVE AMENDMENT					
FILE #:	PROJECT #:				
APPROVED BY	DATE				

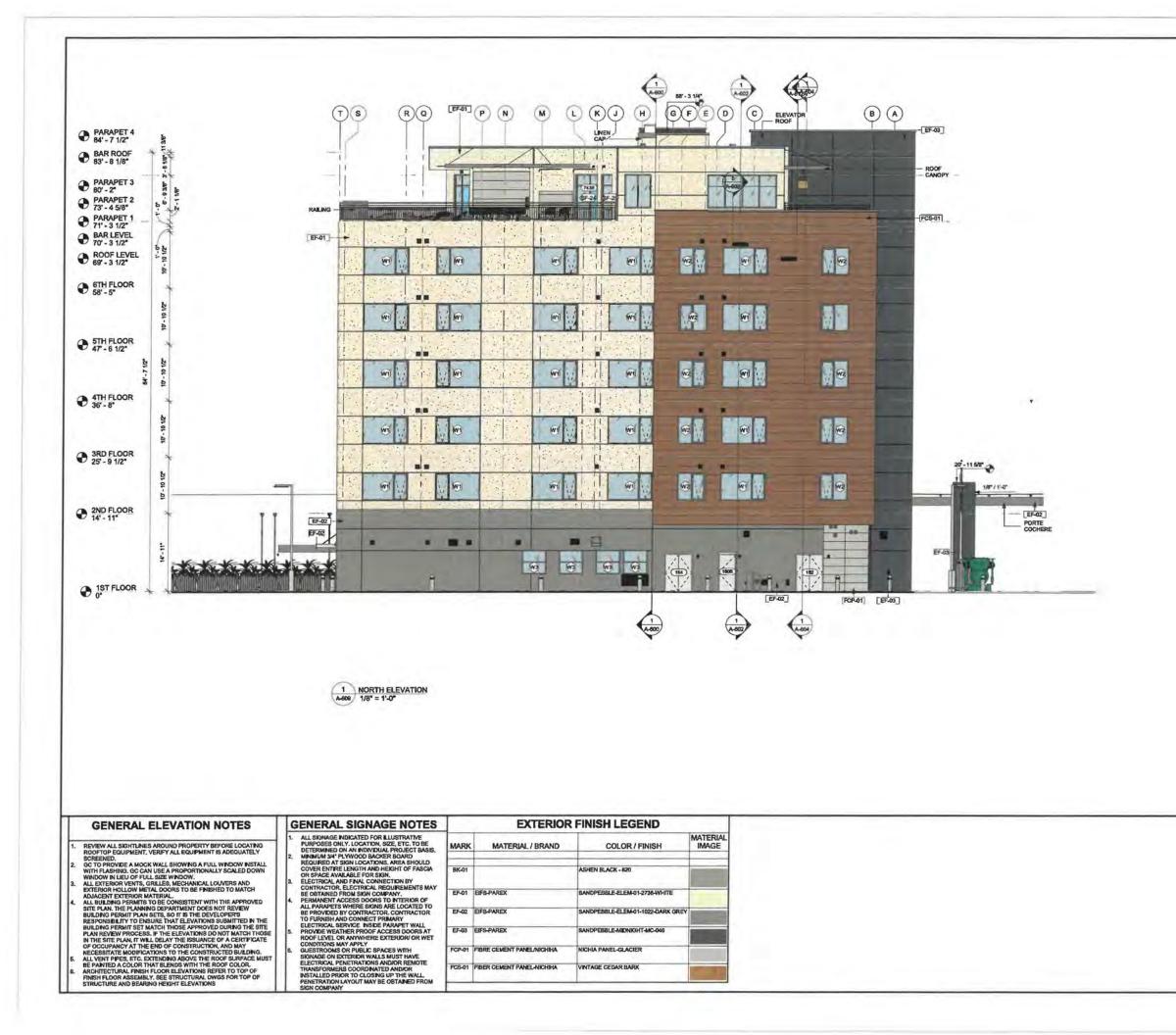


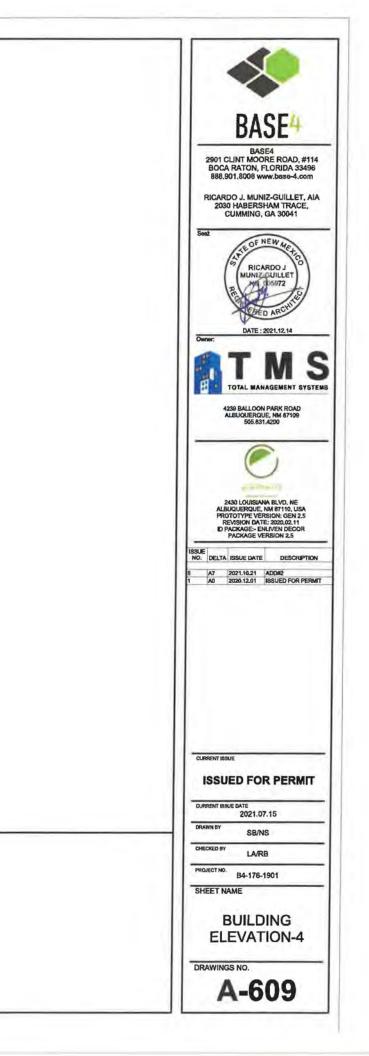


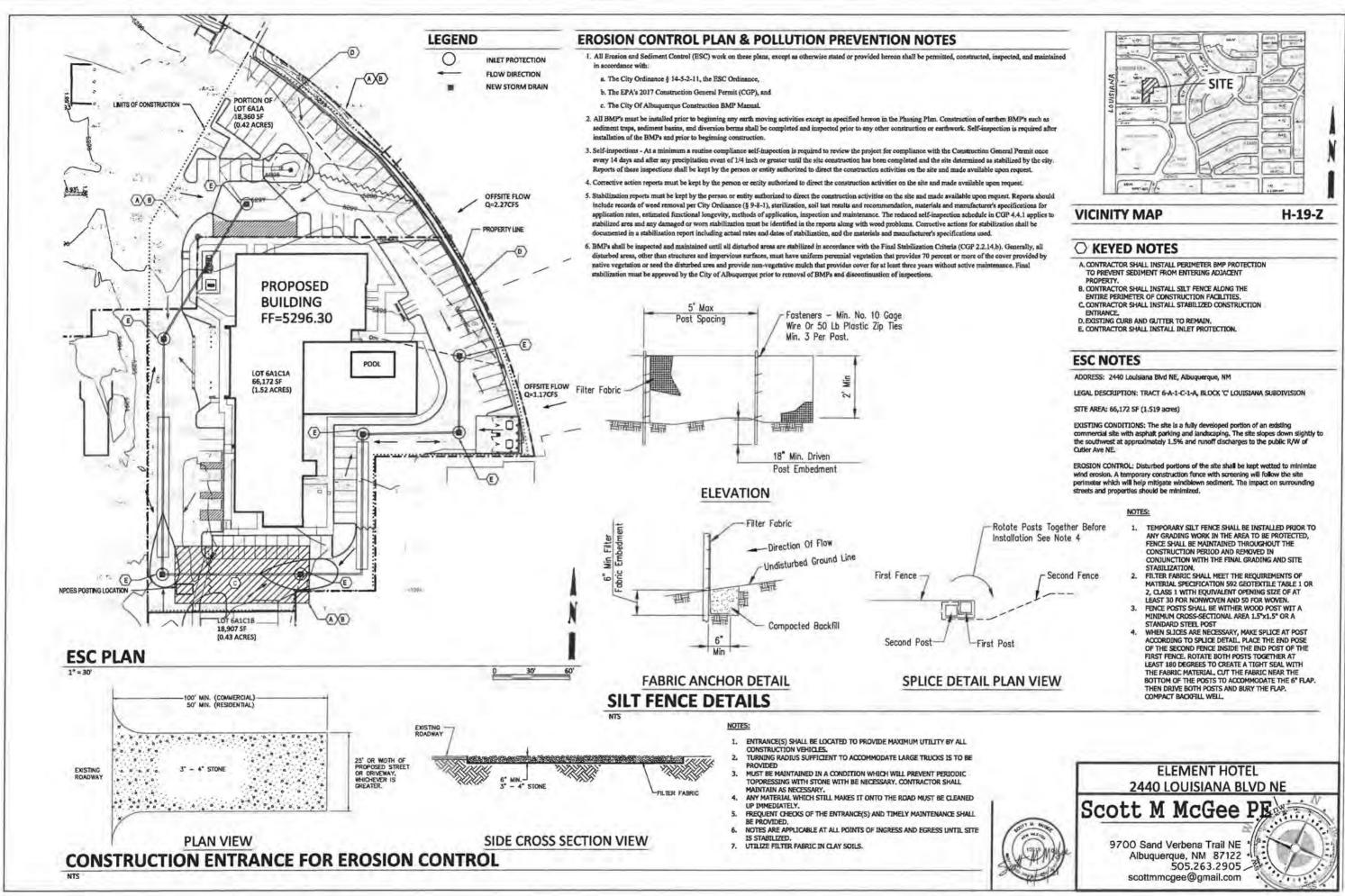
PARAPET 1 71'-3 1/2"			BOLAR PANELS		
BAR LEVEL					
800F LEVEL 69'-3 1/2" 58'-5"					
5TH FLOOR +					
사 다 다 다 다 다 다 다 다 다 다 다 다 다 다 다 다 다 다 다					<b>0</b>
1010 1/2					
3RD FLOOR 25' - 9 1/2'					
2ND FLOOR 14'-11'					
1ST FLOOR +	[EF-02]	(F4)		EF-62	
1	EAST ELEVATION 1/8" = 1'-0"	(Leon		(1-403)	
$\sim$					
GENERAL ELEVATION	1. ALL SIGNAGE INDICATED F PURPOSES ONLY. LOCATING DETERMINED ON AN INDIV	FOR ILLUSTRATIVE ON, SIZE, ETC. TO BE IDUAL PROJECT BASIS. MARK MATERIAL		ATERIAL	
GENERAL ELEVATION REVIEW ALL SIGHTLINES AROUND PROPERTY E ROOFTOP EQUIPMENT SCREENED. GO TO PROVIDE A MOCK WALL SHOWING A FUL WINDOW IN LIEU OF FULL SZE WINDOW. ALL EXTERIOR VENTS, GRILLES, MECHANICAL L	I. ALL SKINAGE INDICATED F PURPOSES CNLY. LOCATI IS ADEQUATELY LI WIDOW INSTALL LLY SCALED DOWN OR SPACE AVAILABLE FOR OR SPACE AVAILABLE FOR OR SPACE AVAILABLE FOR	OR LLUSTRATIVE ON, BIZE, ETC. TO BE MOUAL PROJECT BASIS, ACKER BOARD INDS. AREA SHOULD ND HEXAFT OF FASCIA S RKIN.	M		

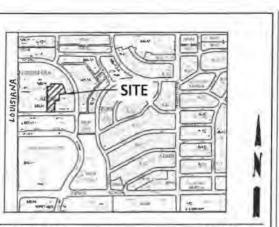


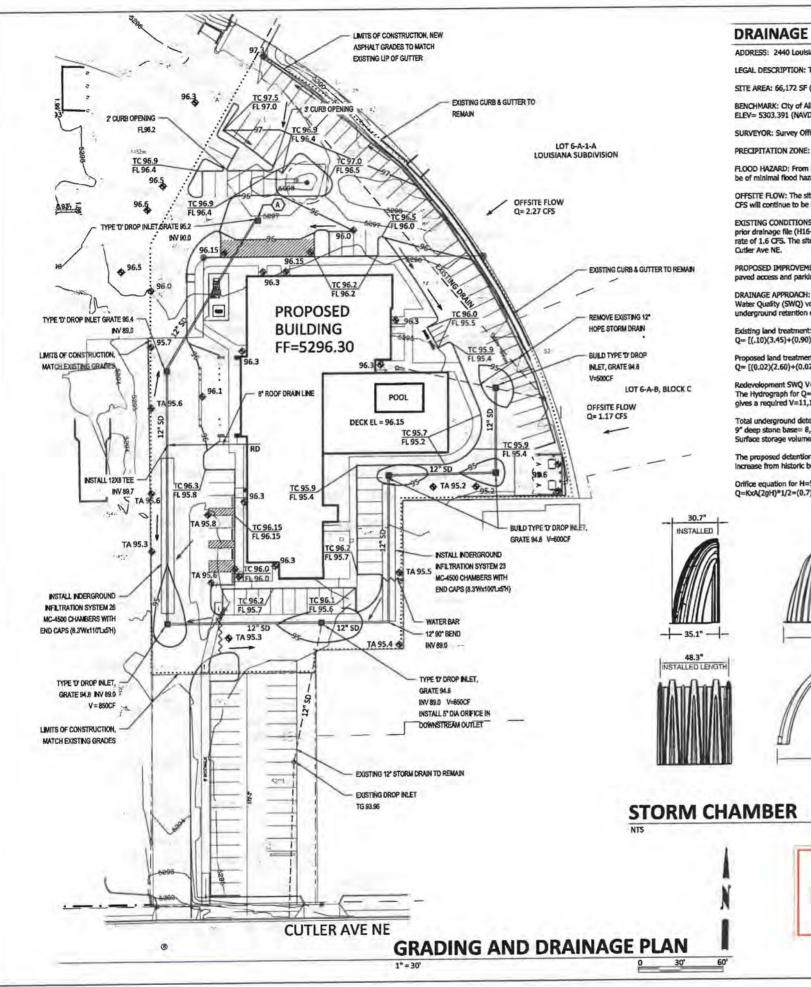












# DRAINAGE ANALYSIS

ADDRESS: 2440 Louisiana Blvd NE, Albuquerque, NM

LEGAL DESCRIPTION: TRACT 6-A-1-C-1-A, BLOCK 'C' LOUISIANA SUBDIVISION

SITE AREA: 66,172 SF (1.519 acres)

BENCHMARK: City of Albuquerque Station '15-H18' being a brass cap, ELEV= 5303.391 (NAVD 1988)

SURVEYOR: Survey Office LLC, dated July 2019

PRECIPITATION ZONE: 3

FLOOD HAZARD; From FEMA Map 3500100352H (8/16/12), this site is identified as being within Zone X' which is determined to be of minimal flood hazard.

OFFSITE FLOW: The site does accept offsite flows from two tracks adjacent to the east as shown on the plan. The total Q=3.44 CFS will continue to be accepted onsite and carried south toward Cutier per the historic flow pattern.

EXISTING CONDITIONS: The site is a fully developed portion of an existing site with asphalt parking and some landscaping. The prior drainage file (H16-D1) was revised by BHI in 1984 and again by Larry Read in 2004, This site has an allowable discharge rate of 1.6 CFS. The site slopes down slightly to the southwest at approximately 1.5% and runoff discharges to the public R/W of

PROPOSED IMPROVEMENTS: The proposed redevelopment of the site includes a new 7-story hotel, a swimming pool, associated paved access and parking, and landscaping,

DRAINAGE APPROACH: The site drainage pattern will follow historic conditions and include the onsite retention of the Storm Water Quality (SWQ) volume. Private storm drains will be extended onsite to provide for catch basins to intercept site runoff with underground retention chambers proposed

Existing land treatment: 10% C and 90% D Q= [(.10)(3.45)+(0.90)(5.02)](1.52)= 7.4 CFS

Proposed land treatment: 2% B, 2% C and 96% D Q= [(0.02)(2.60)+(0.02)(3.45)+(0.96)(5.02)](1.52)= 7.5 CFS

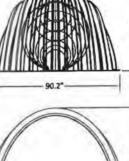
nent SWQ V= (63,525)(0.26/12)= 1,376 CF The Hydrograph for Q=3.44+7.5=10.94 CFS and allowable Q=1.6 CFS (peak time of 11.4 mins and base time of 24.7 mins) gives a required V=11,124 CF.

Total underground detention volume provided onsite is 8,428 CF (49 chambers x 162.6 CF/EA)+(4 end caps x 115.3 CF/EA) using 9" deep stone base= 8,248.6 CF

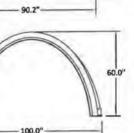
Surface storage volume is 2,700 CF at water surface elevation 5295.1

The proposed detention (8,428+2,700)=11,128 CF will contain the SWQ volume and restrict discharge to 1.7 CPS. Site runoff will Increase from historic but the proposed onsite retention storage will reduce runoff rate to the allowable rate.

Orifice equation for H=5.0' and 5" diameter orifice: Q=KxA(2gH)\*1/2=(0.7)(0.136)(17.9)= 1.7 OFS

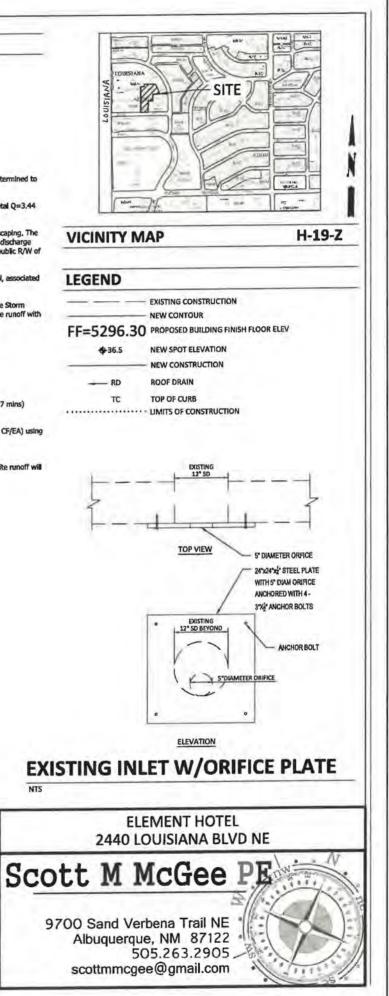


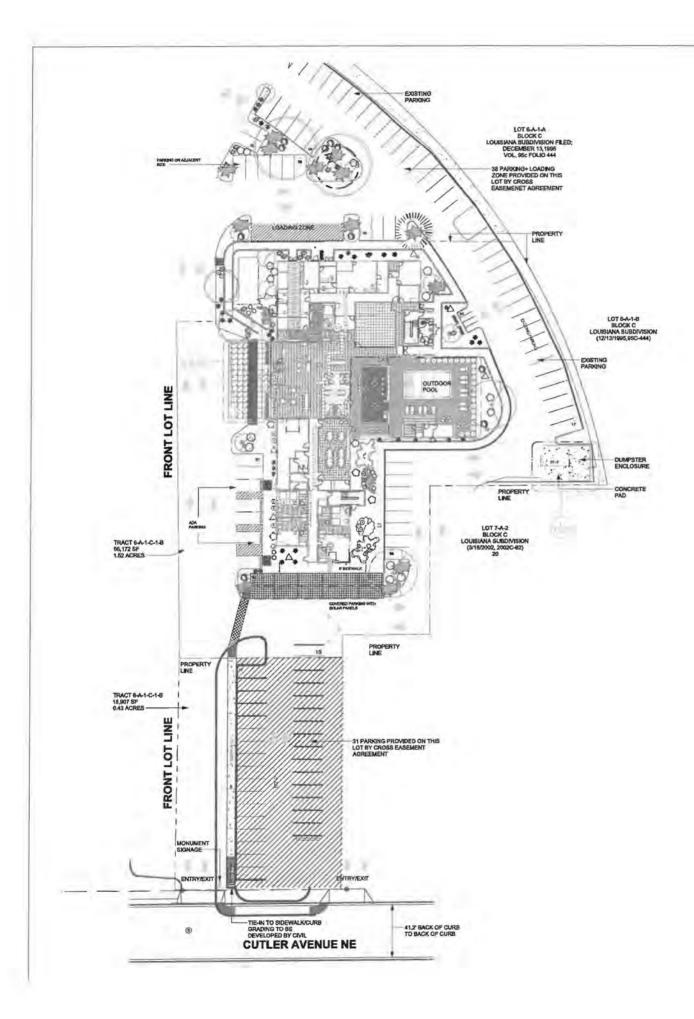




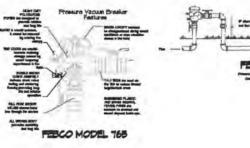








ar	Y 60	Æ	CETHONBOTAN	CAL			HDO	USE
1	Trees	Б						
2	24	c81	Chinese Pistache Pistocia chine	35x35 Insis	1225	2450	M.	LANDECAPE NOTES: Landecape nationance shall be the responsibility of the Property Curror. The Property Curror shall maintain stress trace and strube in a living, healthy, and
2	2*	cal	Honey Locust Gladitsia triac	50x45 anthas	2025	4050	рн	attractive condition. Water nanagement is the sole responsibility of the Property Onner. All landscaping util be in conformance with the City of Absugueque Zoning Code. In general,
Ť.	6	- B <sup>i</sup>	Austrian Pine Pinus nigra	35%25	625	675	н	uctor contervetive, environmentally sound landscape principles still be followed in design and installation.
								Landecape Gravel over Riter Fabric to a intinue depth of 3' shall be placed in all landecape areas unless otherwise specified.
2	5	Gal	Crape Hyrle Logarstroemla	20:00 Indica	400	200	Ħ	
ŋ	Б	Gal	Oklehome Recibud Cercis renifori		HA	5675	M	ReligATION NOTES: Integration system satisfances and operation whall be the sole responsibility of the owner. Is shall be the owners responsibility to answe that highly subtract does not leave the site due to oversatiering.
2		Gel	Desert Wilco Chilopsis linea	200,25 ris	625	1612 5-822	M	Irrigation shall be a complete underground system with Trace to receive i Natafin spiral (50° length) with 3 loops at a Thai ractus
	Shrub	5 4	Groundcon	ers				of 45' from trea trunk, pimed in place. Netefin shell have emitters 2° oc. eith a files of a gph. Simbs to receive (2) L0 GPH Orig Emitters, Drip and Bubbler systems to be tied to (2° polypipe with
4	4-	6'	Pain Yucca Yucca faxoniai	10 Bx6	36	144	м	eystems to be tied to 1/2" polypips with Fuch cape at each and
iø	50	581	Raphiolepis ind	30 lica	25	250	M	Run time per each shub drip valve util be approximately 5 silutes per day. Tree drip valve shall no 15 hours, 3 times per
34	5 0	ia)	Feather Reed Grad Calomograstis	arudin	4	136	м	seek. Run time util be adjusted according to the sessor.
в	5.0	iel	Greylest Coloness Coloneaster gi	tar 5x5 aucophy	2B Allus	380	н	Foint of connection for imigation system is unknown at current time and still be coordinated in the field. Imigation still be
7	50	581	Butterily Bush Buddleia david	5xT	49	343	м	operated by automatic controller. Location of controller to be field
2	50	ia)	Unter Jaseine Josminum nud	4x2 florum	144	288	м	determined and power source for controller to be provided by othere.
в	56	ial	Buitalo Juniper Juniperus sabir	a N2 Bufi	144 Talo	1728	H	Irrigation maintenance shall be the responsibility of the Property Owner.
Б	5 G	is!	Cherry Bege SalMo greggii	2x3	ė	<b>162</b>	м	liatar and Power source shall be the responsibility of the Developer/Builder.
22	56	al	Blue Hiel Caryoptaris x clar	Sx3 clonerate	9	80	H	LANDSCAPE CALCULATIO
1	5 G	al	Fam Bush Chanaobatlaria mil	5x6 lefoliun	36	288	L	TOTAL LOT AREA (at) 66291 TOTAL BUILDING AREA (at) -19488 TOTAL LOT AREA (at) 4680
2	36	al	Knock Out Roses Roso 'Knock (	3x4 Dut'	2	80	L	LANDSCAPE REQUIREMENT X 15 TOTAL LANDSCAPE REQUIRED ( 154.) 1071
24	2-3	et	Boulders Seat Height E	Boulders		4049 d 1/	3	TOTAL ON-SITE LANDSCAPE PROVIDED 8483 TOTAL LIVE GROUNDCOVER REQUIRED 2465
61			Landacape Gravel Santa Fe Bro	/ Filer F		-		TOTAL LIVE GROUNDCOVER PROVIDED 404





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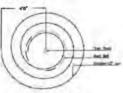
PESCO MODEL 165



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## NISH PLANTING CETAL



Netafim Spiral Detail

