July 3, 2019

Mr. David Shamasian 1752 W Ave K Lancaster, CA 93534



RE: PRECONSTRUCTION BIOLOGICAL SURVEY REPORT FOR PROPOSED CHEVRON SERVICE STATION AND EXTRAMILE CONVENIENT STORE IN LANCASTER, LOS ANGELES COUNTY, CA

Dear David:

INTRODUCTION

Per your request, a preconstruction biological survey was conducted on June 27, 2019, on an approximately 4.34 acre area on the corner of 10th Street W and W Avenue K-8, in Lancaster, Los Angeles County, CA. The proposed project includes the construction of four buildings, a rest area, and a parking lot. The completed proposed plans for the new development project are in Appendix A.

Land uses in the surrounding area include residential development, business, and commercial development, vacant lots, and paved and dirt roads. There is an active residential apartment complex to the northeast. Directly north of the project, on the corner of 10th Street West and W Avenue K-8, there is a car lot called HW Hunter, RAM of the West. To the south of the proposed project there is Tom's Tire and Auto Repair, to the east is a vacant field, and Sgt. Steve Owen Memorial Park's parking lot is located to the west (Figure 2).

The potential project area is located in Section 27, Township 7N and Range 12W of the USGS Lancaster West Quadrangle map. The soils are Rosamond fine sandy loam, sunrise loam, and Rosamond loam with flat to gently sloping landscape, ranging in elevations from +/- 2430-2450 feet. On the northeast corner of the lot for the proposed project will be Pad C, which will become a retail/restaurant commercial building. The northwest corner will become an ExtraMile gas station and store with 6 gas pumps. Connected to the ExtraMile store to the south will be a drive-thru restaurant (Pad B). The southeast corner of the project site will have another drive-thru restaurant (Pad A) with an entrance to 10th street West between it and Pad B. The rest of the southeastern portion of the lot will be a parking lot with scattered ornamental trees.

METHODS

Two Biological Field Technicians surveyed the project area using pedestrian transects on June 27, 2019. The use of pedestrian transects helps to ensure 100 percent coverage of the project site. The survey included a variable width buffer zone of 75-150 m (approx. 250-500 ft.) beyond the

Mr. David Shamasian Preconstruction Biological Survey Report July 3, 2019 Page 2 METHODS (continued)

boundaries of the project site where possible. However, concrete with metal fencing around a commercial lot and traffic on 10th Street W and W Avenue K-8 prevented the team from conducting a complete survey of the entire buffer zone in several areas of the project. For safety reasons, paved roads and private properties were not surveyed by conducting transects; however, binoculars were used to survey those areas from a safe distance. Presence of wildlife, particularly sensitive species, or their sign was recorded. Field notes were used to record habitat features and animal activity during the survey. A photographic record was made of specific site features and wildlife evidence.

A search was conducted for sensitive species previously documented within the USGS Lancaster West quadrangle map in the proposed project using the California Natural Diversity Database (2019). The Federally and state endangered least Bell's vireo (Vireo bellii pusillus) could be observed in the area. State threatened Swainson's hawk (Buteo swainsoni), tricolored blackbird (Agelaius tricolor), and the Mohave ground squirrel (Xerospermophilus mohavensis) are found in the Lancaster West Quadrangle. Species of special concern in the area include the loggerhead shrike (Lanius ludovicianus), burrowing owl (Athene cunicularia), cave myotis (Myotis velifer), northern California legless lizard (Anniella pulchra), and coast horned lizard (Phrynosoma blainvillii). No protected plant species were identified by the CNDDB.

RESULTS

The proposed retail, commercial buildings, and parking lot of this project would be developed on an already highly disturbed and undeveloped areas (Figure 3). Due to the high level of disturbance there are large areas that have little plant life and the soil has become compacted. The eastern portion of the project is adjacent to a disturbed vacant lot (Figure 4). The south side of the project is along a 6 foot concrete and metal fence for a commercial tire shop. The north and west portions of the project are along busy city roads. Other than horticultural plants that are in the commercial areas surrounding the vacant lots, there are not very many places for birds to roost. Many California ground squirrels (*Otospermophilus beechyii*) were also observed in various segments of the project area, including a colony located within a pile of concrete debris on the southern side of the site. (Figure 5). There was also a pile of concrete in the southern buffer zone and trash along the fence line on the south side of the proposed project area.

No evidence of the least Bell's vireo or other threatened or endangered species were observed throughout the potential project area. However, many birds which are protected by the federal Migratory Bird Treaty Act were observed on and adjacent to the project work area. A complete list of plants and wildlife observed are included in Appendices B and C, respectively.

Only a few mammals and their sign observed during the survey. However, the California ground squirrel was exceedingly prevalent on the project area. Desert cottontail (*Sylvilagus audubonii*) and coyote (*Canis latrans*) scat were also observed in the proposed project area.

Mr. David Shamasian Preconstruction Biological Survey Report July 3, 2019 Page 3 RESULTS (continued)

The most common birds observed or heard during the field survey included house sparrows (Passer domesticus), American crow (Corvus brachyrhynchos), Brewer's blackbird (Euphagus cyanocephalus), mourning dove (Zenaidura macroura), and western kingbird (Tyrannus bverticalis). No sign of listed and/or any other special status wildlife species were observed on the project site. However, this project does occur within the known range of sensitive wildlife species, and they could potentially move onto the project site at any time.

Plant species observed were mostly horticultural, non-native annuals, and often invasive species. The most dominant non-native plant species observed include: Russian thistle (Salsola tragus), filaree (Erodium cicutarium), tumble mustard (Sisymbrium altissimum), and red brome (Bromus madritensis ssp. rubens). Rattlesnake sandmat (Euphorbia albomarginata) and turkey mullein (Croton setiger) are all common native plant species observed. No suitable habitat for listed and/or other special status plant species were observed on the proposed project area.

CONCLUSIONS

The western burrowing owl, as well as other bird species, are highly mobile, some are migratory and have been known to inhabit previously disturbed areas. The burrowing owl, and other raptor species including the northern harrier, the golden eagle, and the prairie falcon, as well as the federally protected desert tortoise and the state threatened Mohave ground squirrel, could range throughout the project at any time. New nests, dens, or burrows could be constructed or excavated at any time and dens or burrows have been known to be dug overnight in the middle of ongoing construction projects. The burrowing owl has also been known to inhabit open piping or culverts or loose piles of concrete or other construction rubble or debris. Any wildlife may also hide, sleep or rest among machinery, equipment, buildings, parked trailers or vehicles and among stockpiled materials during construction and/or operations.

Although not observed, according to the CNDDB, both the Mohave ground squirrel and desert tortoise are known to inhabit the general area in the Lancaster West quadrangle and could range throughout the site at any time. Should a Mohave ground squirrel, a Mohave ground squirrel burrow, desert tortoise, or any other sensitive species be spotted on the site during construction, to ensure regulatory compliance, it must be avoided, and a qualified biologist will be contacted to determine the proper course of action. Harassment of listed species is prohibited and unlawful.

Several species of birds, such as the mourning dove, and others, which are protected by the federal Migratory Bird Treaty Act, prefer to nest in barren open ground or small shrubs. If any bird nests, eggs or young are encountered during the project, they will be avoided, and a qualified biologist contacted to determine the course of action.

An employee training session will be conducted to inform employees of the species which may occur on the site and the take avoidance measures, particularly pertaining to the appearance of

Mr. David Shamasian Preconstruction Biological Survey Report July 3, 2019 Page 4 CONCLUSIONS (continued)

potential burrows in the work area, observation of listed species, speed limits and food related trash. Any new employees arriving on site throughout the duration of the project should receive environmental training before commencing work.

To prevent accidental take of any protected wildlife species, standard agency take avoidance measures and protection measures are required to be implemented. The requirement to comply with environmental laws, regulations and their related guidelines and polices should be included in the contract of each contractor. A summary of the take avoidance measures to be implemented to help prevent take include, but are not limited to:

- Training of contractors and employees regarding take avoidance and protection measures
- Inspecting trenches and excavations to prevent entrapment of tortoises and other wildlife
- Providing ramps or coverings of all excavations to prevent entrapment
- Covering of openings such as found on pipes, poles and vaults to prevent entrapment
- Inspecting piles of pipe prior to construction every day to ensure none are occupied; if either desert tortoise or burrowing owl are encountered, contact a qualified biologist to ascertain the course of action. Harassment is prohibited by both federal and state law
- Keeping garbage and food stuffs contained and removed daily from the project site
- Keeping vehicles and equipment on surveyed site only
- Inspecting in and underneath vehicles, equipment and materials prior to moving
- If any protected species are found, all work must stop, and a qualified wildlife biologist must be contacted.
- Using slow speed limits of 15-20 mph or less; and avoiding night work.

If you have any questions or need further assistance, please do not hesitate to contact us.

Sincerely,

Marcia H. Wolfe

Mallecoope

Certified Senior Ecologist, Ecological Society of America

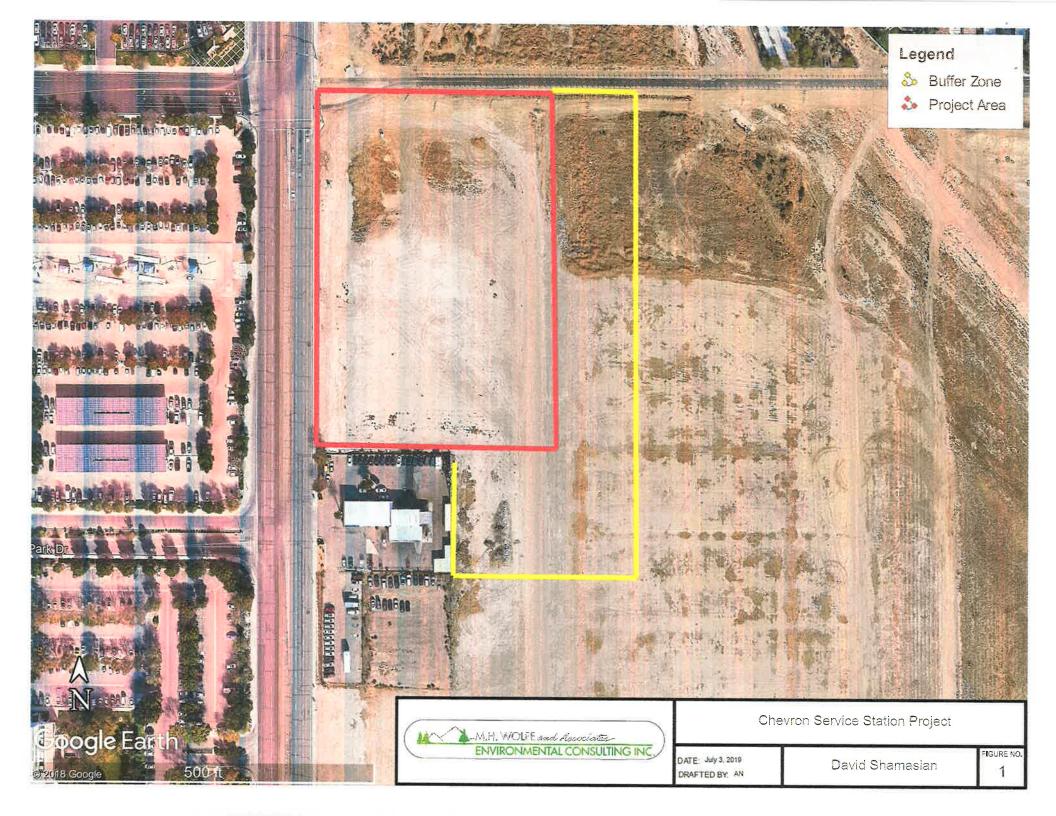






Figure 2. Looking west to the area to be developed into the project's commercial buildings and parking lots.

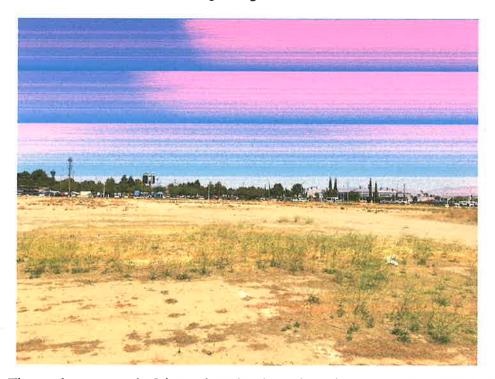


Figure 3. The northeastern end of the project site shows how the area has been disturbed by both vehicle traffic and human presence.

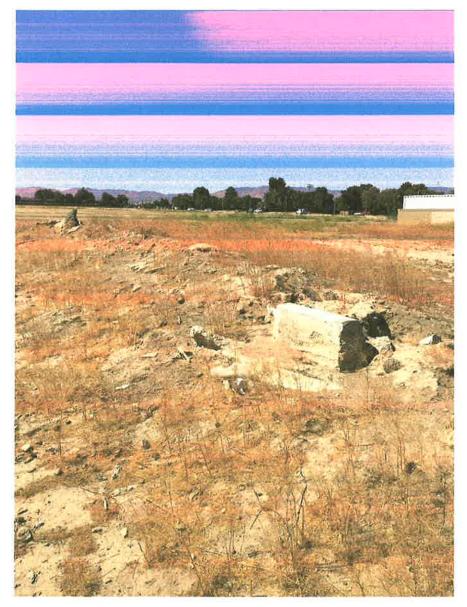


Figure 4. This pile of concrete construction debris and trash is home to California ground squirrels.



Figure 5. The area to the west of the project site is open and the ground has been disturbed by humans.



Figure 6. This is the entrance to a California ground squirrel burrow.

References

California Natural Diversity Data Base (CNDDB). 2019. Lancaster West Quadrangle. Accessed June 27, 2019 from: https://apps.wildlife.ca.gov/bios/

Fish and Wildlife Service. June 2019. Official Species List. Carlsbad Fish and Wildlife Office.

United States Department of Agriculture (USDA). 2019. Custom Soil Resource Report for Antelope Valley Area, City of Lancaster in Los Angeles county California. https://websoilsurvey.sc.egov.usda.gov/App/ WebSoilSurvey.aspx

Appendix A. Plot plan for a Chevron Service Station and ExtraMile Convenient Store.





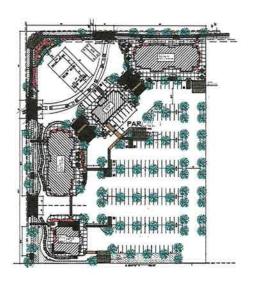
AVE K8

ST WEST

10TH



EXISTING LOT PLAN



PROPOSED PLAN

COVER SHEET

ESIGNING THE WORLD

("CHEVRN EXTRAMILE STORE"

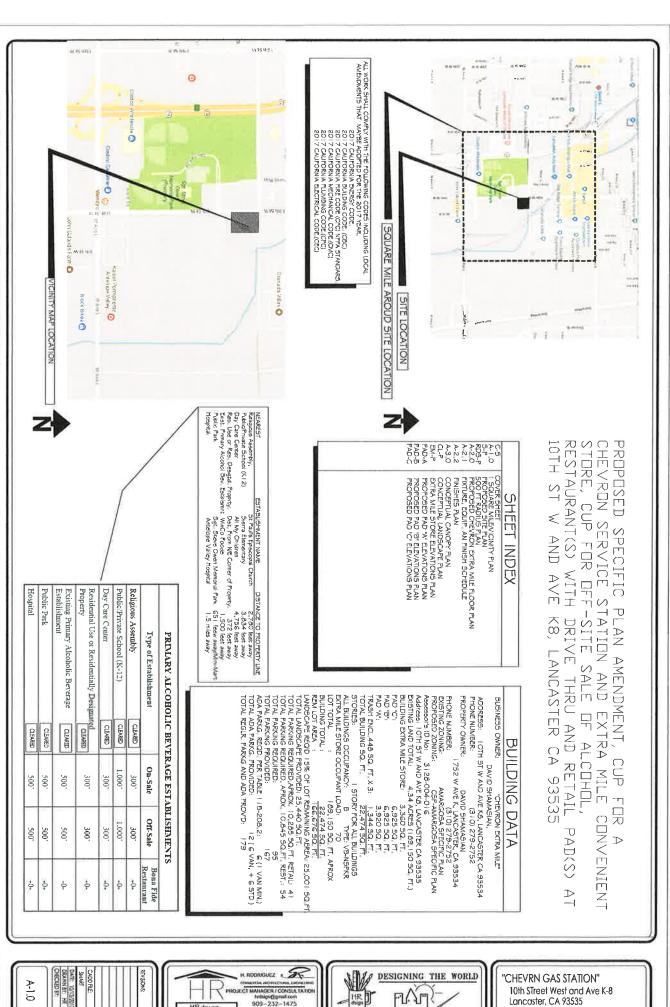
10th Street West and Ave K-8

Lancaster, CA 93336



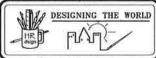




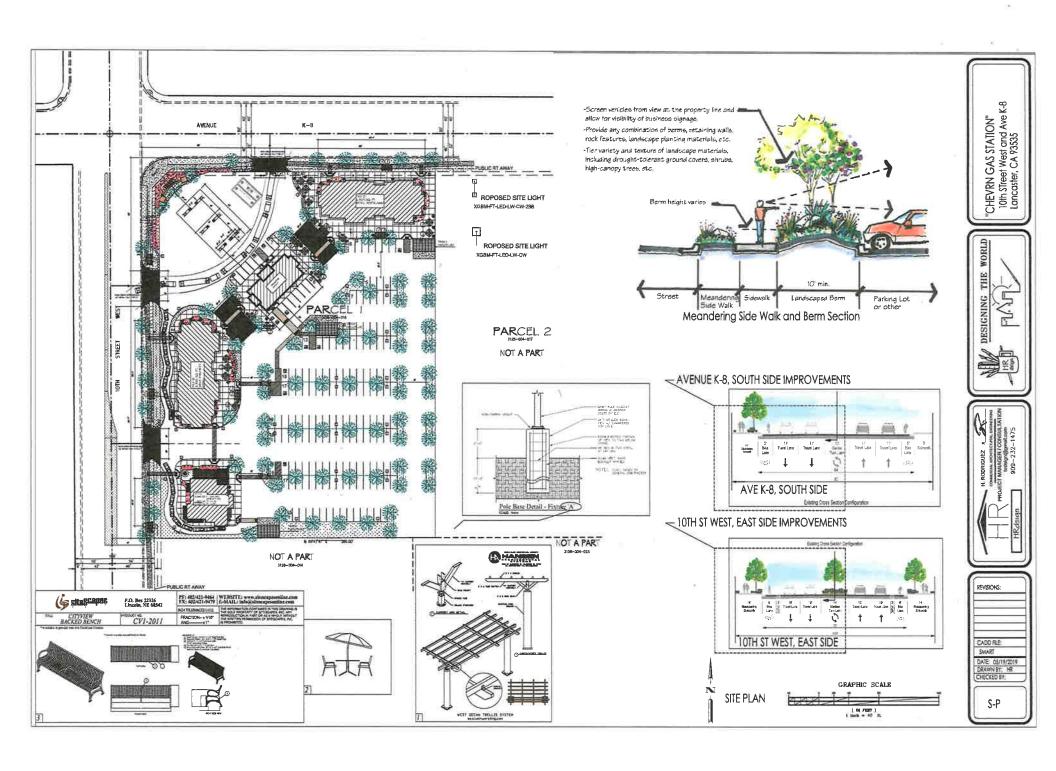








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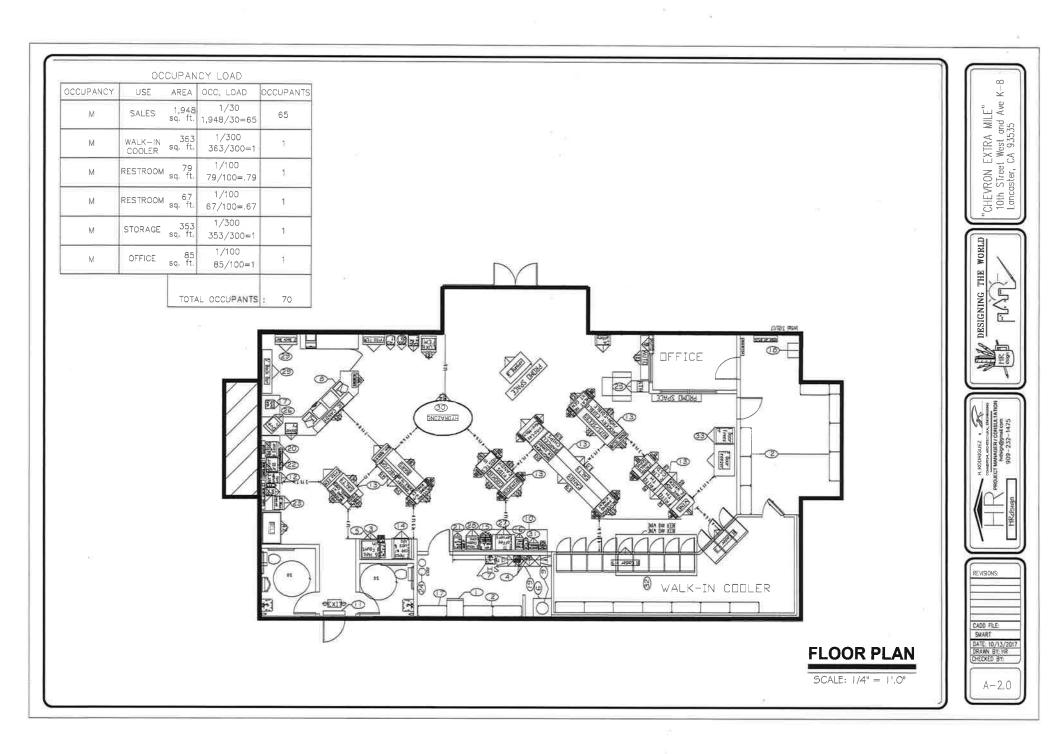






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ROOM FINISH SCHEDULE							
ROOM OR AREA		FLOOR	FLOOR BASE OR COVE	WALLS	CEILINGS	REMARKS	
A	CUSTOMER SALES AREA	DALTILE BRIXTON BXOS (MUSHROOM) & DALTILE BRIXTON BXO I (BONE)	CONTINUES WITH FLOOR 4" UP THE WALL WITH %" RADIUS COVE	DALTILE SEMI-GLOSS SERIES 48" UP THE WALL AND NON-ASSORBENT SEMI - GLOSS PAINT	DROP CEILING; VINYL FACE PANEL; SMOOTH; WHITE	SEE A-2.2 SHEET FOR WALL TILE INSTALLATION PATTERN	
B	SERVICE & CASHIERS AREA	DALTILE DRIXTON BX03 (MUSHROOM) \$ DALTILE BRIXTON BX0 I (BONE)	DALTILE 53419T 4" UP THE WALL WITH %" RADIUS COVE	FIBERGLASS REINFORCED PANEL (FRS) 4' UP THE WALL (SEMI-GLOSS WHITE PAINT	SMOOTH & WASHABLE NON-FISSURED GRIDSTONE GYP_CEILING PANELS		
(C)	WALK-IN COOLER AREA	SMOOTH NON-ABSCREENT DURABLE AND EASY TO CLEAN SEALED SMOOTH CONCRETE FLOOR	STAINLESS STEEL 6" HIGH AND 3/8" RADIUS SANITARY COVE BASE	SMOOTH PANEL PRE-FABRICATED STAINLESS STEEL	SMOOTH FANEL PRE-FABRICATED STAINLESS STEEL		
D	RESTROOM AREA	DALTILE BRIXTON BXO I (BONE)	DALTILE 534 I ST 4" UP THE WALL WITH %" RADIUS COVE	FIBERGLASS REINFORCED FALL SEMI-GLOSS WHITE PAINT	SMOOTH & WASHABLE NON-FISSURED GRIDSTONE GYP, CEILING PANELS		
Ē	OFFICE AREA	SMOOTH NON-ABSORBENT SEALED CONCRETE FLOOR "AQUA MIX-SEALERS CHOICE GOLD"	CONTINUS WITH FLOOR 4" UP THE WALL WITH %" RADIUS COVE	SEMI-GLOSS NON-ABSORBENT WHITE PAINT.	DROP CEILING; VINYL FACE PANEL; SMOOTH; WHITE		
F	STORAGE ROOM 3 COMP SINK AREA	SMOOTH NON-ABSORBENT SEALED CONCRITE FLOOR 'AQUA MIK-SEALERS CHOICE GOLD'	DAL-TILE, 53619T SUMFOOT CERAMIC TILE	FIRE URTH # UP THE WALL	SMOOTH 4 WASHABLE NON-FISSURED GRIDSTONE GYP. CLUING PANALS		

	FIXTURE	AND	EQUIP	MENT	SCHEDULE
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TEM ITEM / EQUIPMENT MANUFACTURER MODEL NUMBER & & & & & & & & & & & & & & & & & & &					Money Mary	COMMENT			
ITEM NUMBER	ITEM / EQUIPMENT	MANUFACTURER	MODEL NUMBER	13	8/8	1/\$	13/		COMMENT
0	FREEZER I DOOR	TRUE	T-23			f	((1	SELF CONTAINED
2	WIRE SHELVING 5 TIER HIGH 18" X 48"	ADVANCE TABCO	ECC-1836	•				_	
3	FOUNTAIN MACHINE	LANCER	F5-30			1			ROOT SISK
4	WATER FILTER SYSTEM FOR ICE MACHINE	3M	DP190/DP195	•					MOUNTED TO WALL SEALED TO WALL
(3)	ICE MAKER	SCOSTMAN	NME954-32A						REQUIRES
©	MOT THE MOTORICAL TIME! AND RECOVER HIS FORCE.	ADVANCE TABCO				1		_	FLOOR SHK
7	HAND SINK	ADVANCE TABCO						_	
(8)	CASH REGISTER COUNTER	CUSTOM	CUSTOM		\neg	1			WITH P.O.S. SYSTEM AND OTTO SCRATCHERS WINDO
(9)	ELECTRIC COMMERCIAL WATER HEATER	RHEEM	LIGHT DUTY		\neg			_	44849567444250
00	BEVERAGE COUNTER	CU5TOM	СИЅТОМ						ROUND NOOT SHK
(D)	AIR CURTAIN W/ MICRO SWITCH	MAR5				-		_	FLOCKSAK
(12)	REPROGERATED COUNTER FOR	APW	RTR-8		_	-			5ELF CONTAINED
(3)	TOPPING UNIT GONDOLAS	ROYSTON	KIK-0				_		
(14)	ICEE MACHINE	PBO	562D		_	_		\neg	Press water, 30 29 nm
(15)	DUAL COFFE BREWER	BUNN	ICB TWIN TALL					_	
(E)	CREAM DISPENSER	CREMAISER			_	1	-	_	-
(7)	BAG-IN-BOX RACK (SYRUP RACK)	CORNELYUS	VIPER 3	•		1		_	
(10)	LOCKERS 12" W X 18" D X 36" H MIN	CORNELYUS	VIPER 3		_	-			
(19)	3 COMF, SINK WITH 2 DRAIN BOARDS	ADVANCE TABCO			_				REGUNES
20)	24' SELF SERVE FOOD MERCHINDISER	VendoSANDEN	IMPULSE						PLOOK SINK
@D	ICE COLD COFFEE	CORNELIUS	EUTE 2000		\neg			_	
(23)	ROLLER GRILL (HOT DOG5)	APW	HR-315		_	\vdash		_	
23)	MICROWAVE	SHARP	R-21HT						
(24)	CO2 TANKS				_				
25)	ATM MACHINE	BY OWNER	BY OWNER	•					
29	COMMERCIAL OVEN	MENUMASTER	MCE 4			-			
27)	MECHANICAL BASELESS SERVERS	BUNN	BUNN		_				
(28)	CAPUCCINO MACHINE	CURTIS	PCGT3						
(29)	6' BACK BAR CABINET	BY OWNER							
30	HYDRA ZONE REACH-IN REFRIG.	TRUCTURAL CONCI	PTS OASIS						SELF CONTAINED
(31)	CONDIMENTS TRAY				-			-	Jan Committee
32	WALK-IN COOLER W/GLASS DOORS	BY OWNER							REDUKES
(33)	24° WIDE MINI UPRIGHT FREEZER	Dreyer's Grand			_	177		Ť	SELF CONTAINED

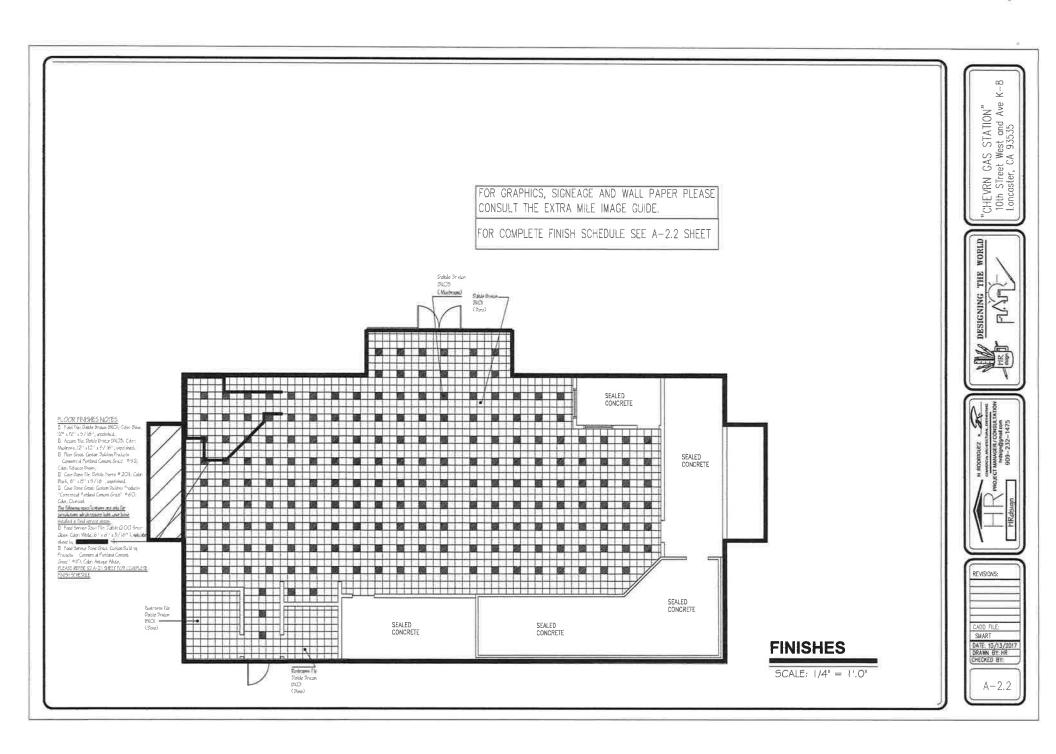
THE MINIMUM WIDTH OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD THEREOF AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES. THE HEIGHT OF DOORS SHALL NOT BE LESS THAN 80 INCHES. BUILDING CODE 1008, 1, 1

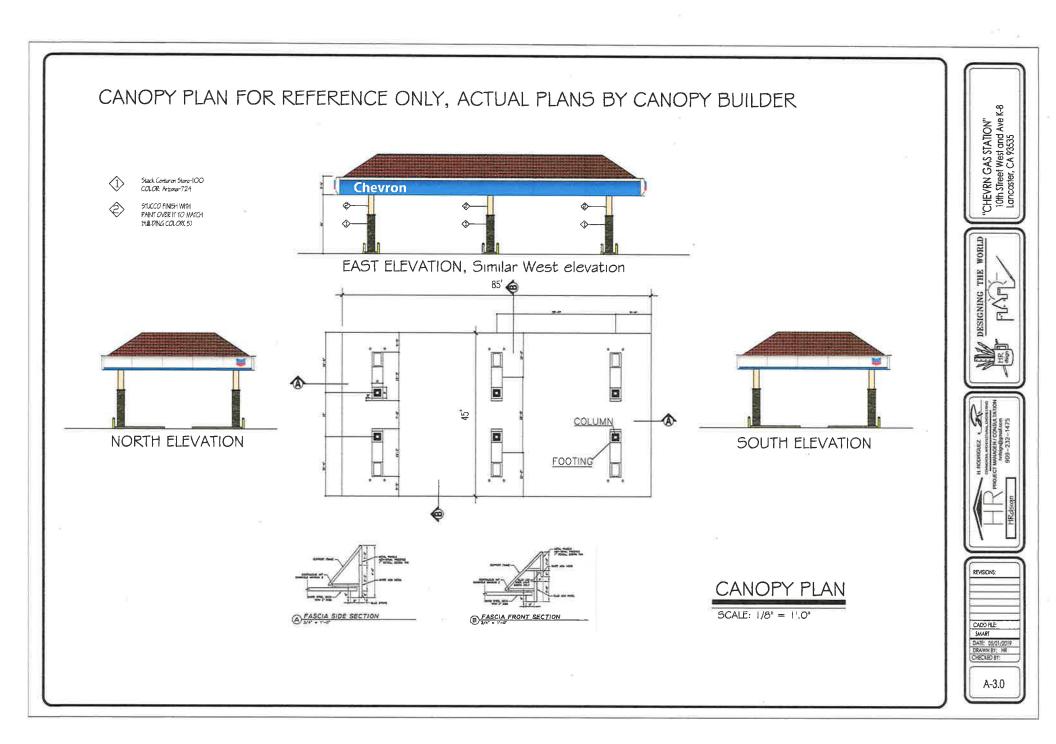
"CHEVRN GAS STATION" 10th STreet West and Ave K-8 Lancaster, CA 93535

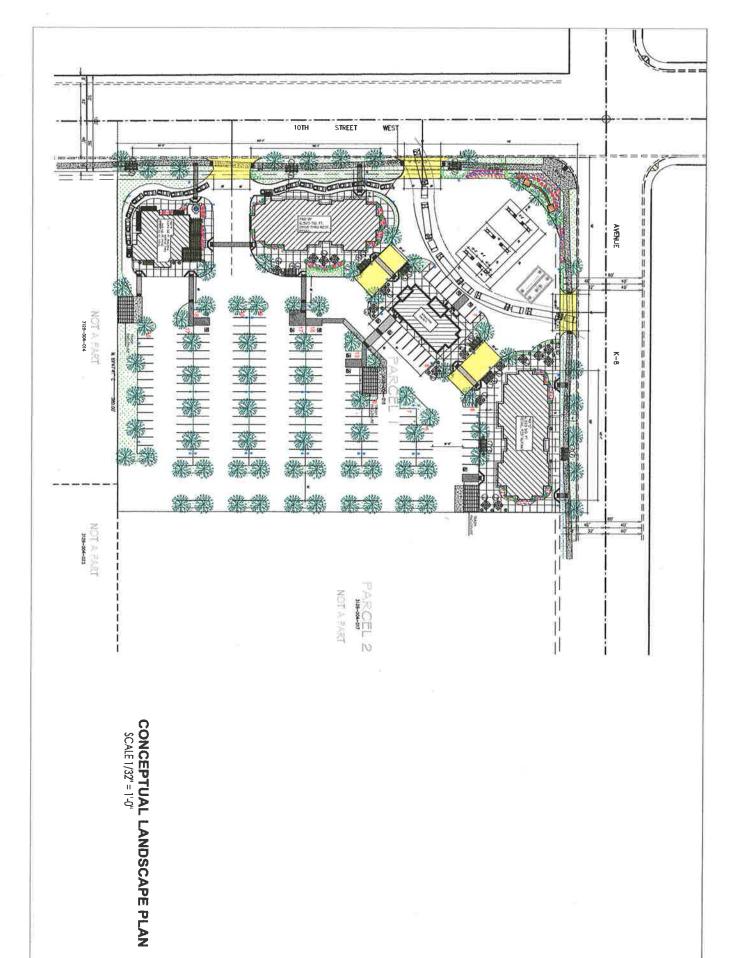




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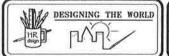




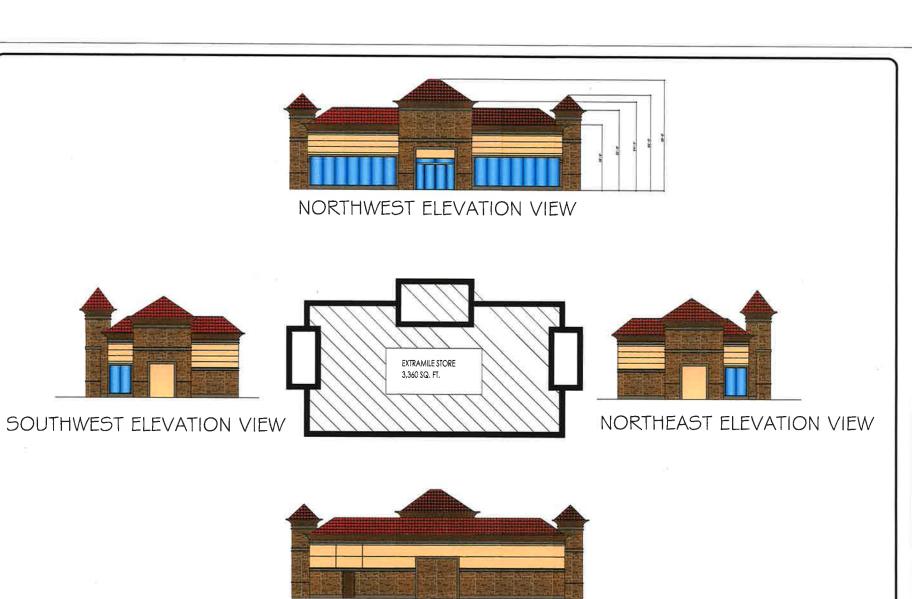


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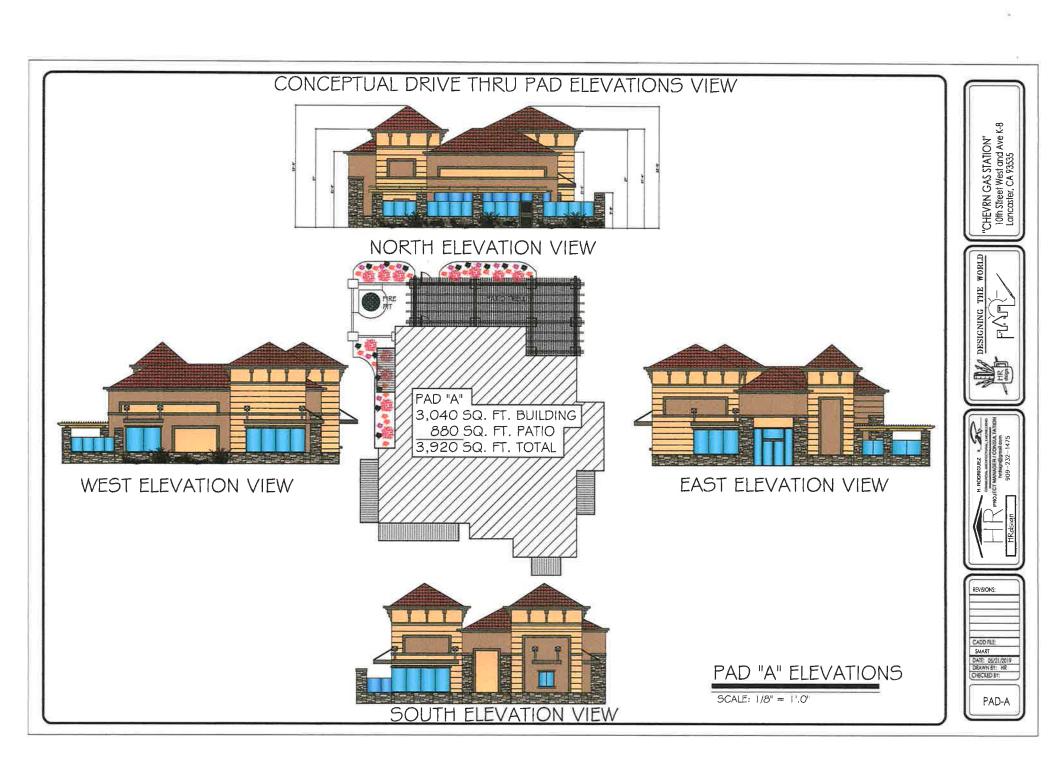


EXTRA MILE STORE ELEVATION

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EM-P

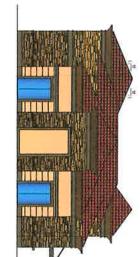




EAST ELEVATION 100000

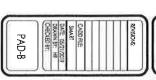
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NORTH ELEVATION



WEST ELEVATION

SCALE: 1/8" = 1'-0" PAD "B" ELEVATIONS







"CHEVRN GAS STATION" 10th Street West and Ave K-8 Lancaster, CA 93535





SOUTH ELEVATION

WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION

PAD "C" ELEVATIONS

SCALE: 1/8" = 1'-0"

"CHEVRN GAS STATION"
10th Street West and Ave K-8
Lancaster, CA 93535





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Appendix B. Plant species observed on the site during the field survey.

SPECIES

COMMON NAME

GRASSES/OTHER MONOCOTS

Avena fatua Bromos brome Bromus madritensis ssp. rubens Hordeum murinum Schismus barbatus

foxtail barley Mediterranean grass

wild oat

ripgut brome

red brome

FORBS

Amaranthus albus
Chenopodium album
Croton setiger
Erodium cicutarium
Euphorbia albomarginata
Helianthus annuus
Mentha pulegium
Salsola tragus
Sisymbrium altissimum
Sisymbrium irio
Tribulus terrestris

tumbleweed
lambs' quarters
turkey mullein
filaree
rattlesnake sandmat
sunflower
pennyroyal
Russian thistle
tumble mustard

rocket mustard

puncture vine

SHRUBS/TREES

Atriplex confertifolia Platanus occidentalis shadscale sycamore

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Appendix C. A list of wildlife and other animal species observed on the site during the field survey.

COMMON NAME	SPECIES	COMMENTS		
BIRDS				
American crow	Corvus brachyrhynchos	observed, call, carcass		
Brewer's blackbird	Euphagus cyanocephalus	observed, call		
House sparrow	Passer domesticus	observed, nest, call		
Mourning dove	Zenaidura macroura	observed, call		
Western kingbird	Tyrannus bverticalis	observed, call		
<u>MAMMALS</u>				
California ground squirrel	Otospermophilus beechyii	observed, burrows, scat		
Coyote	Canis latrans	scat		
Desert cottontail	Sylvilagus audubonii	scat, observed		
<u>INSECTS</u>				
Black-and-yellow mud dauber	Sceliphron caementarium	observed		
California harvester ant	Pogonomyrmex rugosus	observed, colonies		
Honey bees	Apis mellifera	observed		
Pale swallowtail butterfly	Papilio eurymedon	observed		