

RENOVATIONS 8601 LOMAS BOULEVARD N.E.

ALBUQUERQUE, NEW MEXICO

SITE DEVELOPMENT PLAN SUBMITTAL FOR E.P.C. MAY 30, 2001

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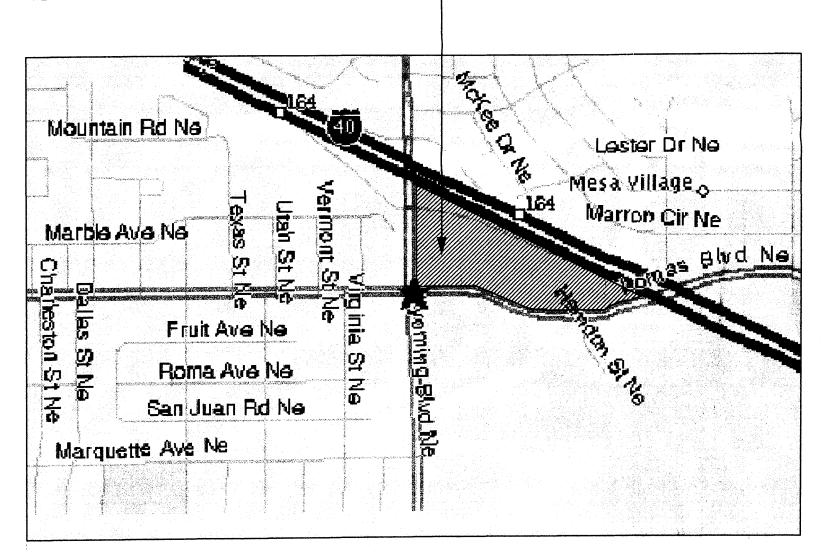
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DRAWING INDEX

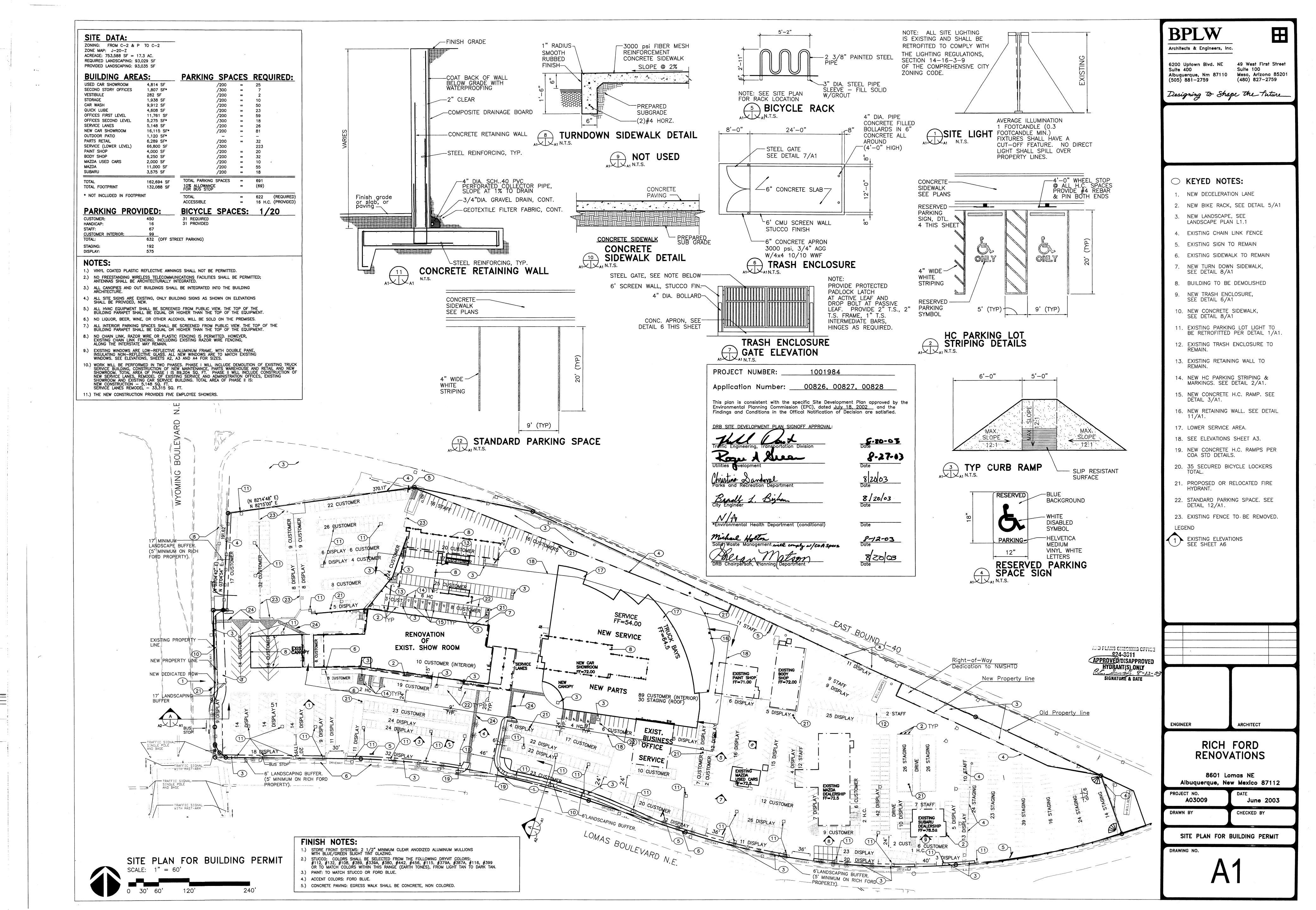
SHEET NO.	SHEET TITLE
A1 SP	SITE PLAN FOR BUILDING PERMIT SITE PLAN FOR SUBDIVISION
C2.1 C3.1 L1	CONCEPTUAL GRADING & DRAINAGE PLAN CONCEPTUAL UTILITY PLAN LANDSCAPE PLAN
A2 A3	EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS
A4 A5	EXTERIOR ELEVATIONS EXISTING SIGN PHOTOS
A6 ESP	EXISTING ELEVATION PHOTOS EXISTING SITE PLAN

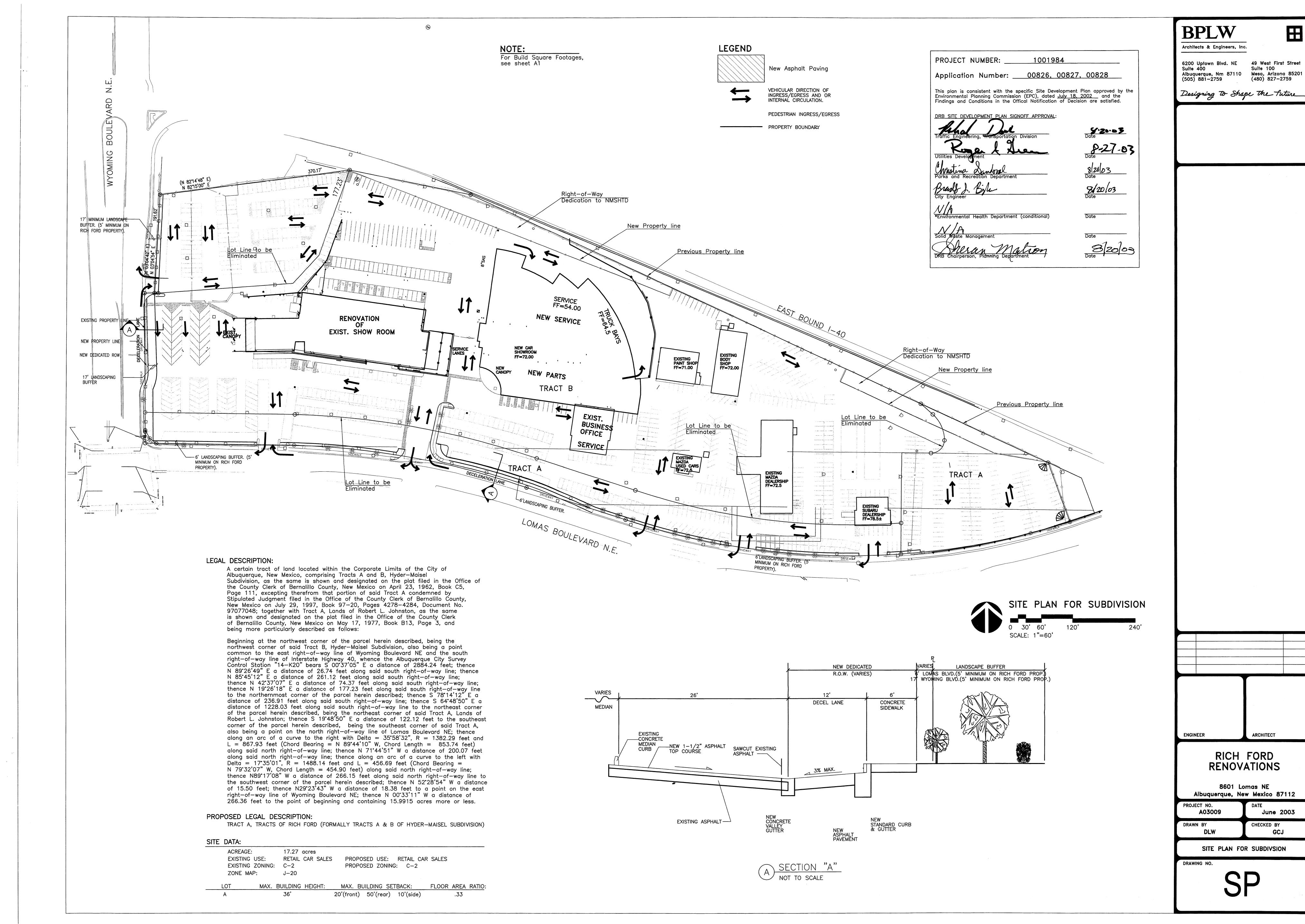
VICINITY MAP

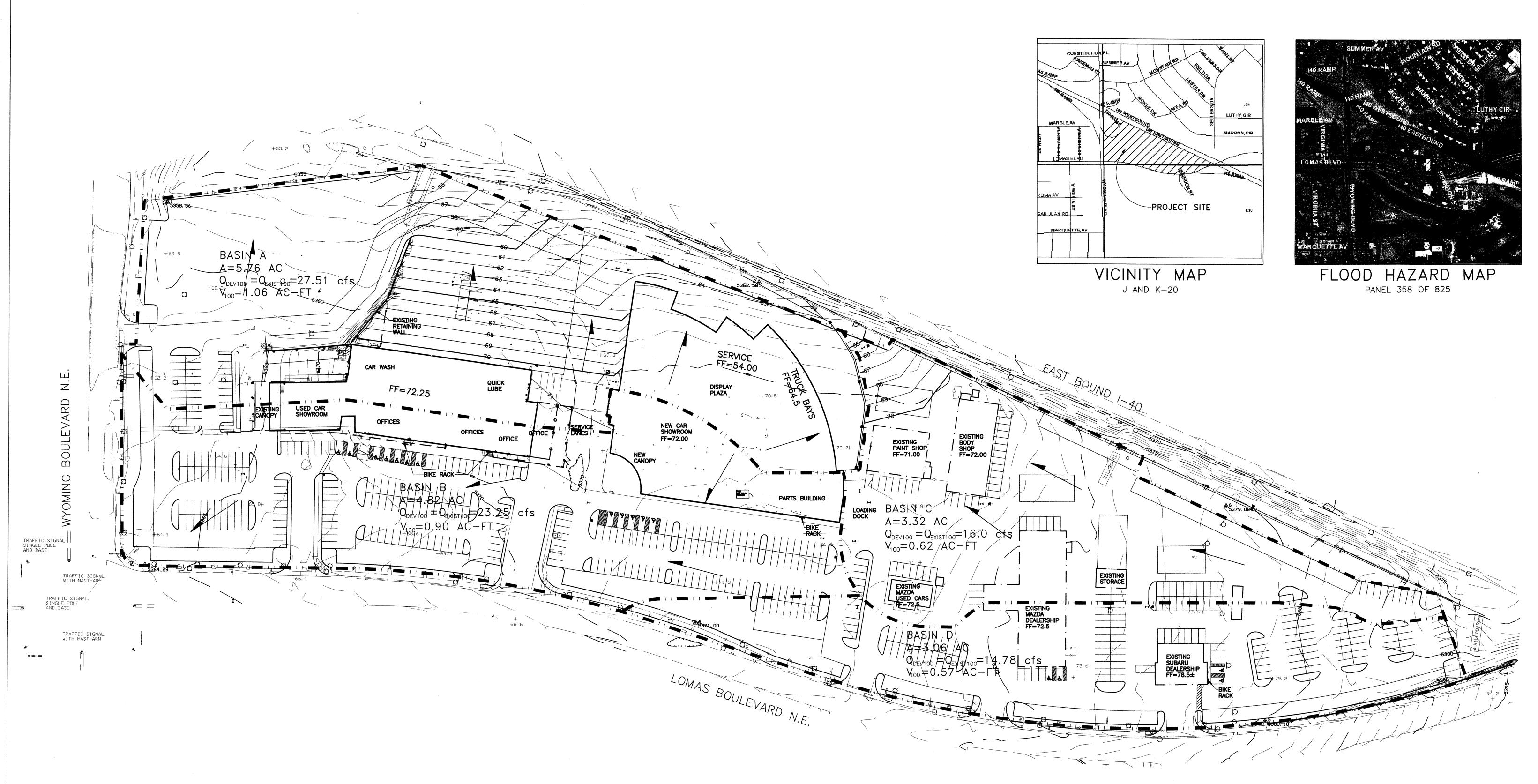
SITE LOCATION ¬



RICH FORD RENOVATIONS EPC APPLICATION NO. 1001984







DRAINAGE PLAN

This Drainage Plan is submitted in conjunction with the Conceptual Grading Plan for the Rich Ford property in support of Site Development for Subdivision Approval as well as Site Development for Building Permit Approval. This project consists of the demolition of several existing buildings, construction of building additions to existing buildings, construction of a new building as well as various site improvements and associated landscaping improvements. There will be an overall decrease in the amount of impervious areas due to the addition of landscaping features to a site currently developed almost entirely of impervious features. The hydrology of the site will be impacted as illustrated in the Drainage Calculations transmitted herewith with a minor decrease in peak discharge from the overall site. The following items concerning the Rich Ford Conceptual Drainage Plan are contained herein: 1) Vicinity Map; 2) Grading Plan; 3) Calculations 4)Floodplain Map and Drainage Information Sheet.

As shown by the Vicinity Map, the site is at the southeast corner of the intersection of Wyoming Blvd. and Lomas Blvd, between Lomas Blvd. NE and Interstate 40 in Albuquerque's Northeast Heights. The current Legal Description is: Tracts A and B, Hyder-Maisel Subdivision and Tract A. Lands of Robert L. Johnston.

Per flood insurance rate map Panel 358 of 825 for Bernalillo County New Mexico and Incorporated Areas, dated September 20, 1996, the site does not within a flood hazard zone. The site does however lie adjacent to, on the south side of, the Interstate 40 channel which is designated as Zone A with the 100 year flood contained to the constructed channel. In both the existing and developed scenarios, this site contributes developed runoff to the aforementioned channel.

The Conceptual Grading Plan shows existing grades indicated by spot elevations and contours at 1'-0" intervals as taken from the topographic survey prepared by Jeff Mortensen & Associates, Inc., proposed grades indicated by spot elevations and contours at 1'-0" intervals, the limit and character of existing improvements, the limit and character of the proposed improvements as well as continuity between existing and proposed improvements.

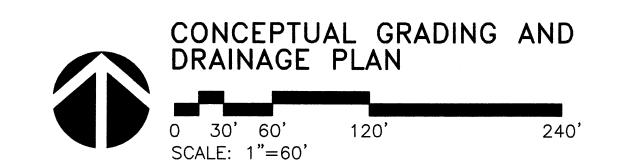
In the existing condition and developed conditions, the site generally flows east to west with a portion being conveyed in a southerly direction to existing storm drain improvements within Lomas and Wyoming Boulevards and the remainder being conveyed in a northerly direction to NMSHTD right of way and ultimately into the Interstate 40 channel. All runoff across the site is in the form of sheet flow. The site is characterized by four basins, A,B,C and D. Basins A and C contribute runoff to the NMSHTD right-of-way to the north while basins B and D contribute runoff to the storm drain improvements within Lomas and Wyoming to the south and west respectively.

Offsite flows do not enter the site from the south and west due to Lomas and Wyoming Boulevards which are improved with curb and gutter conveying developed runoff to the aforementioned storm drain improvements therein. Offsite flows do not enter the site from the west which lies topographically lower, and offsite runoff does not enter the site from the east due to existing improvements conveying runoff to outfalls other than the subject site.

The calculations which appear herein analyzes the developed conditions for the 100-year, 6-hour rainfall event. Ther procedure for 40 acre and smaller basins set by Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, dated January 1993, has been used to quantify the peak rate of discaharge and volume of runoff generated. As shown by these calculations, there will be a minor decrease in both runoff and peak discharge rates from the site under ther developed conditions versus the existing condition.

Drainage Summary

Project Number: Date: By:	99068 08/16/02 Jeff Peterson					
Site Location						
Precipitaion Zone	3 Per Table A-1 COA DPM Section 22.2					
Existing summary						
Basin Name	Ex A	Ex B	Ex C	Ex D		
Soil Treatment (acres)						
Area "A"	0.00	0.00	0.00	0.00		
Area "B"	0.00	0.02	0.00	0.02		
Area "C"	0.00	0.00	0.00	0.00		
Area "D"	5.76	4.80	3.32	3.04		
Excess Runoff (acre-fe	et)					
400	4.40				(Overall Site	
100yr. 6hr.	1.13	0.95	0.65	0.60	3.33	
10yr. 6hr.	0.72	0.60	0.42	0.38	2.1156	
2yr. 6hr.	0.43	0.36	0.25	0.23	5.4456	
100yr. 24hr.	1.37	1.15	0.79	0.73	4.03	
Peak Discharge (cfs)						
100 yr.	28.92	24.14	16.67	15.31	85.03	
10yr.	19.53	16.29	11.25	10.32	57.39	
2yr.	11.75	9.79	6.77	6.20	34.51	
Proposed summary	<u>/</u>					
Basin Name	Pro A	Pro B	Pro C	Pro D		
Soil Treatment (acres)						
Area "A"	0.00	0.00	0.00	0.00		
Area "B"	0.09	0.38	0.04	0.28		
Area "C"	0.00	0.00	0.00	0.00		
Area "D"	5.67	4.44	3.28	2.78		
Excess Runoff (acre-fe	et)					
400				Sum (Overall Site)		
100yr. 6hr.	1.12	0.90	0.65	0.57	3.24	
10yr. 6hr.	0.71	0.57	0.41	0.36	2.0441	
2yr. 6hr.	0.42	0.33	0.24	0.21	5.2836	
100yr. 24hr.	1.36	1.09	0.78	0.68	3.91	
Peak Discharge (cfs)	00.00	00.00				
100 yr.	28.69	23.27	16.57	14.68	83.20	
10yr. Ovr	19.32	15.50	11.16 6.70	9.75 5.72	55.74	
2yr.	11.59	9.13	6.70	5.72	33.14	
		_	Change	0.09acre-feet	decrease	



Architects & Engineers, Inc.

Albuquerque, Nm 87110 (505) 881–2759 Mesa, Arizona 85201 (480) 827-2759

Designing to Shape the future

LEGEND

PROPOSED DIRECTION OF FLOW

PROPOSED INLET

PROPOSED INLET

 $\uparrow_{73.58}$ EXISTING SPOT ELEVATION

______ EXISTING CONTOURS PROPOSED CONTOURS

FF= FINISHED FLOOR ELEVATION

EXISTING AND PROPOSED DIRECTION OF FLOW

BASIN BOUNDARY

LEGAL DESCRIPTION
Tracts A and B, Hyder—Maisel
Subdivision and Tract A, Lands of Robert L. Johnston.

BENCHMARK ACS 1 3/4" Aluminum disk, stamped "ACS BM, 12-J20" epoxied to top of concrete drop inlet, ENE quadrant of Lomas Blvd. N.E. and Wyoming Blvd. N.E. centered on said drop inlet.

A mag nail in the pavement south of the car wash and detail building as shown on the survey. Elevation = 5371.40

ARCHITECT

RICH FORD **RENOVATIONS**

8601 Lomas NE Albuquerque, New Mexico 87112

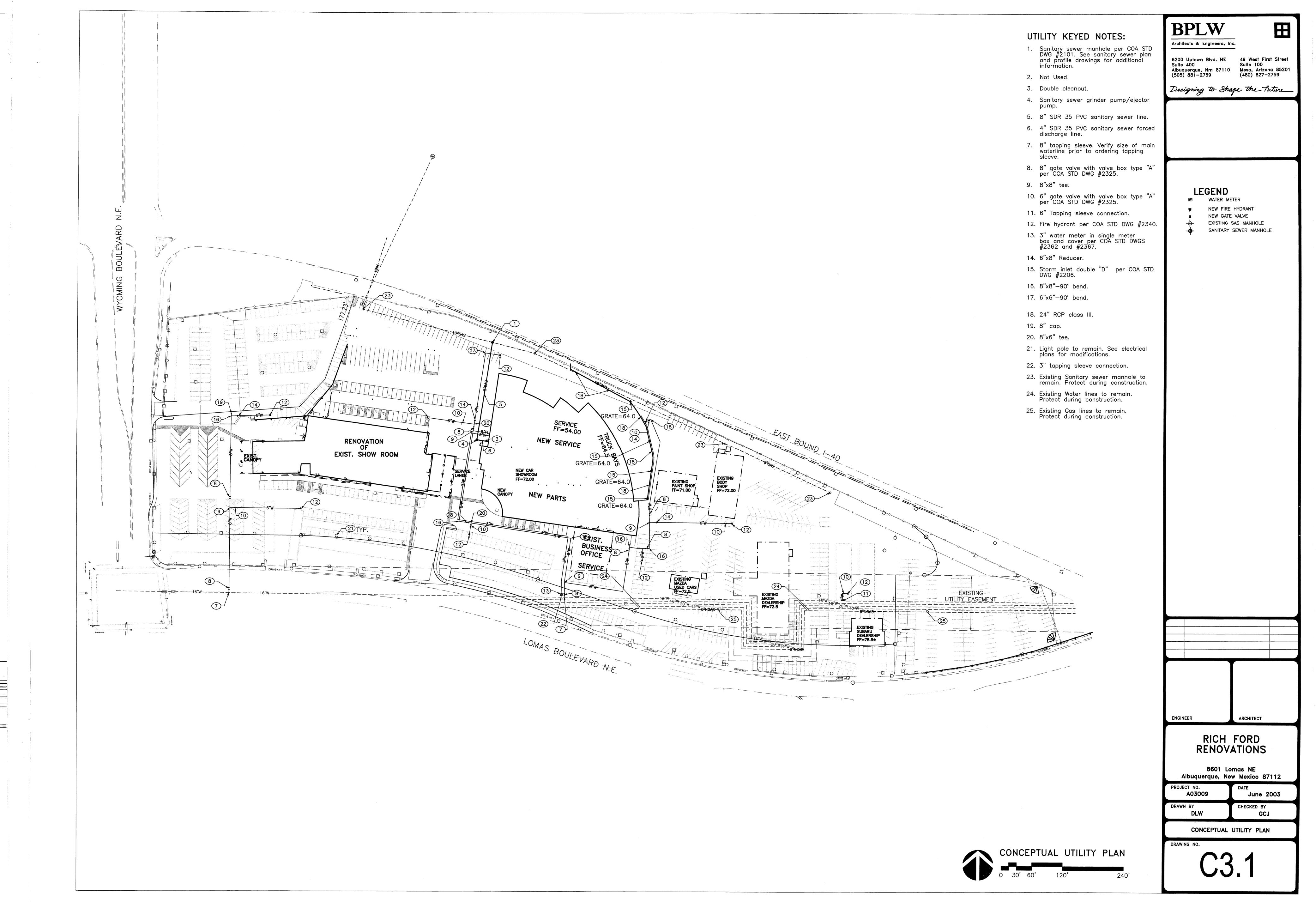
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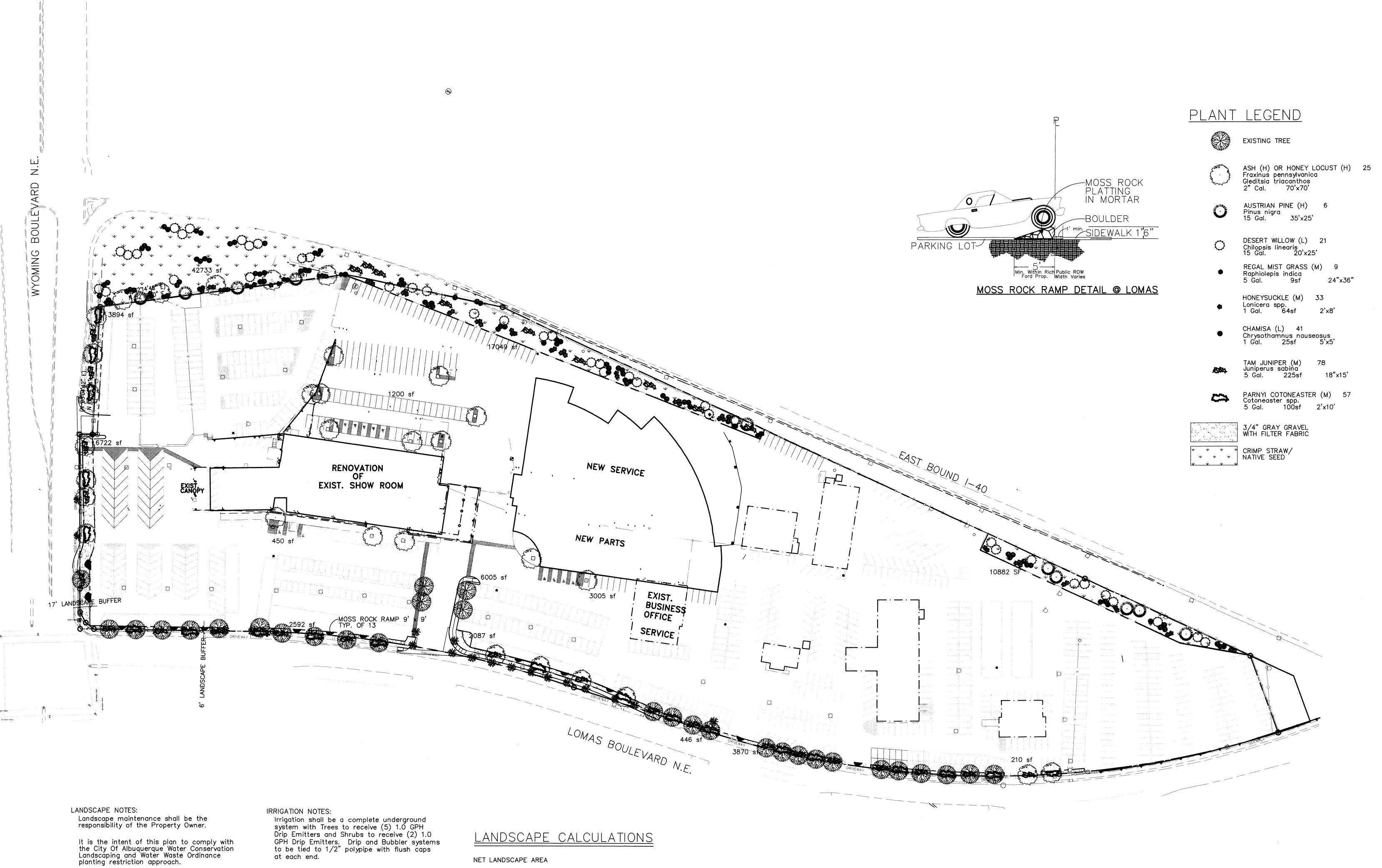
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AUGUST 20, 2002 CHECKED BY GCJ

CONCEPTUAL GRADING AND DRAINAGE PLAN





Approval of this plan does not constitute or imply exemption from water waste provisions of the Water Conservation Landscaping and Water Waste Ordinance. Water management is the sole responsibility of the Property Owner.

All landscaping will be in conformance with the City of Albuquerque Zoning Code, Street Tree Ordinance, Pollen Ordinance, and Water Conservation Landscaping and Water Waste Ordinance. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

Plant beds shall achieve 75% live ground cover at maturity.

Grey Gravel over Filter Fabric shall be placed in all landscape areas which are not designated to receive native seed.

No plantings shall be placed in a 8' radius around

The Plant Legend shown reflects The City of Albuquerque Water Conservation Office's approved plants for low maintenance and water use.

Irrigation will be operated by automatic controller. Location of controller to be field determined and power source for controller to be provided by others.

in the field.

Irrigation maintenance shall be the responsibility of the Property Owner.

Point of connection for irrigation system is unknown at current time and will be coordinated

Run time per each drip valve will be

adjusted according to the season.

approximately 15 minutes per day, to be

TOTAL LOT AREA _____752,284 ___ square feet TOTAL BUILDINGS AREA <u>132,088</u> square feet OFFSITE AREA ____ o ____ square feet <u>620,196</u> square feet NET LOT AREA 15% LANDSCAPE REQUIREMENT TOTAL LANDSCAPE REQUIREMENT 93,029 square feet TOTAL LANDSCAPE PROVIDED <u>93,035</u> square feet _________ square feet TOTAL BED PROVIDED ____ square feet TOTAL SOD PROVIDED ____70604 square feet TOTAL NATIVE SEED PROVIDED

NOTE: The offsite area included in the total landscape provided area is property of the NMSHTD that has been approved with permit issued for the landscape and maintenece to the owner of Rich Ford. The use of NMSHTD land for this purpose was approved by EPC.



GRAPHIC SCALE

SCALE: 1"=60'

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LANDSCAPE PLAN DRAWING NO.

ENGINEER

PROJECT NO.

DRAWN BY

CMD

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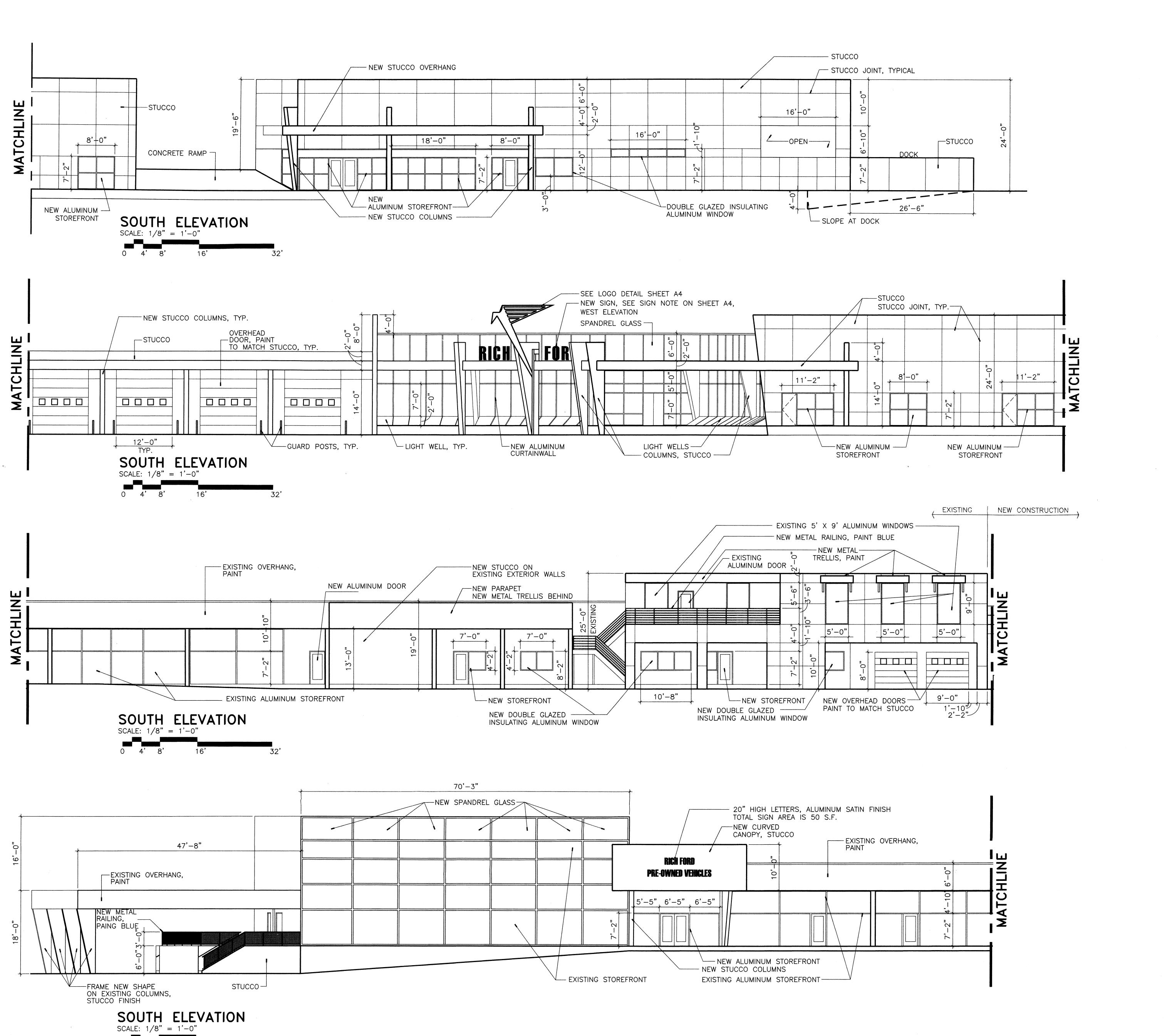
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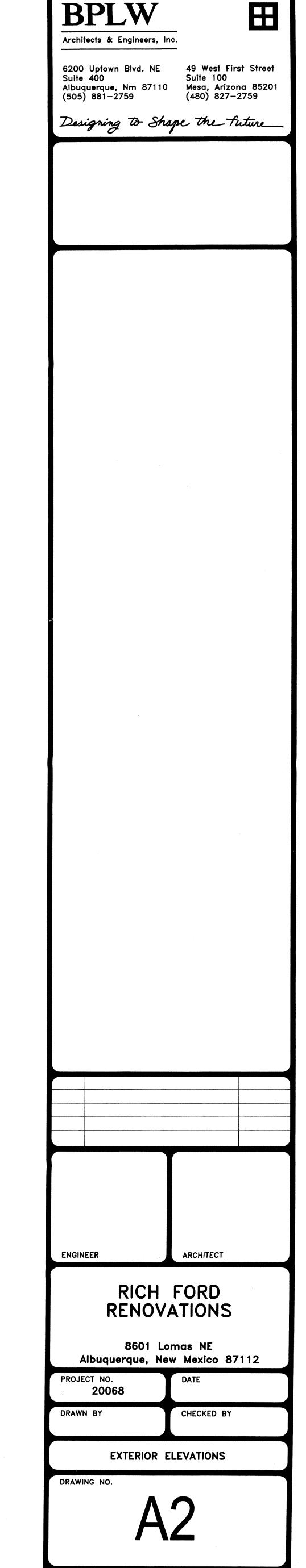
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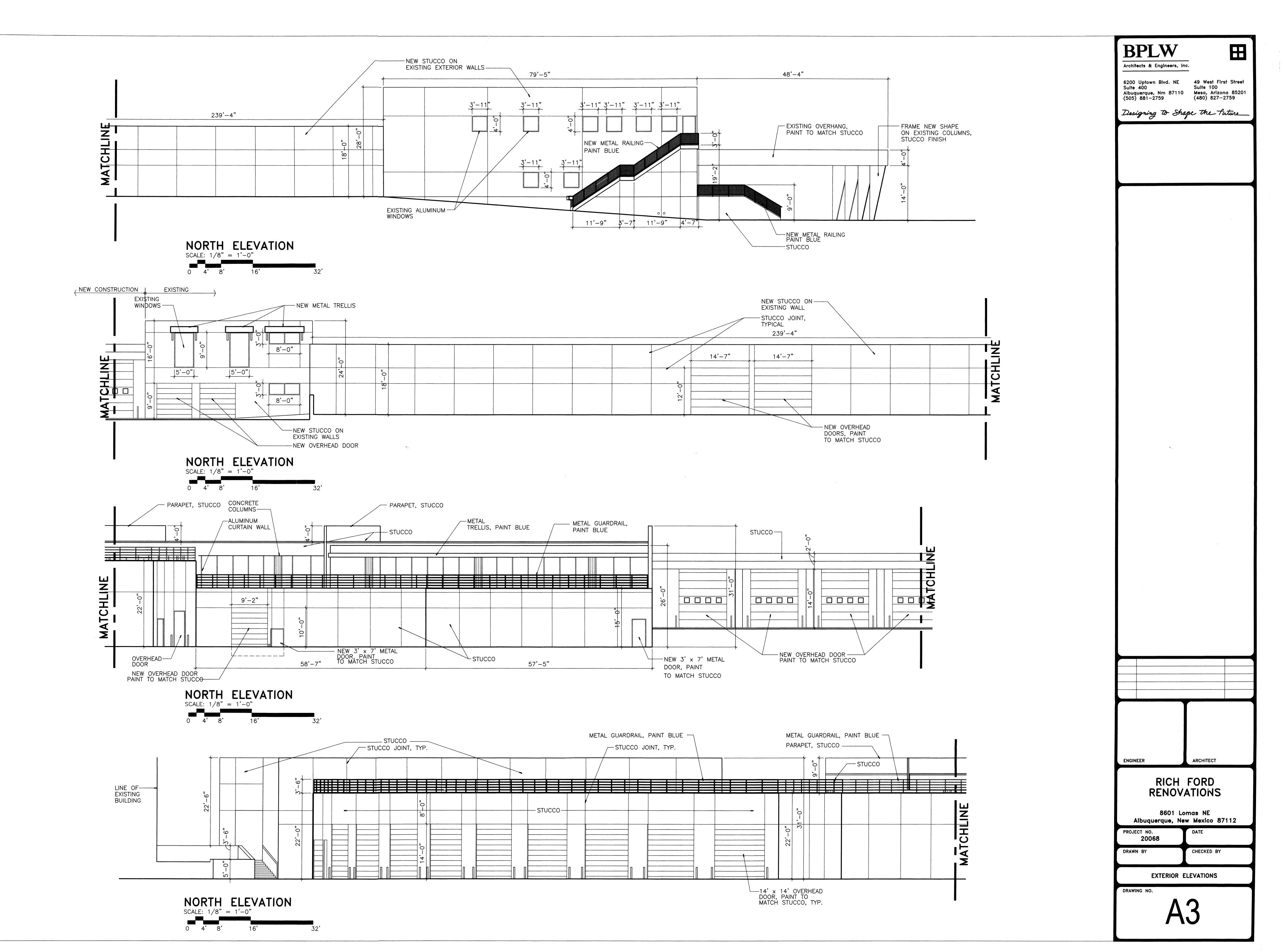
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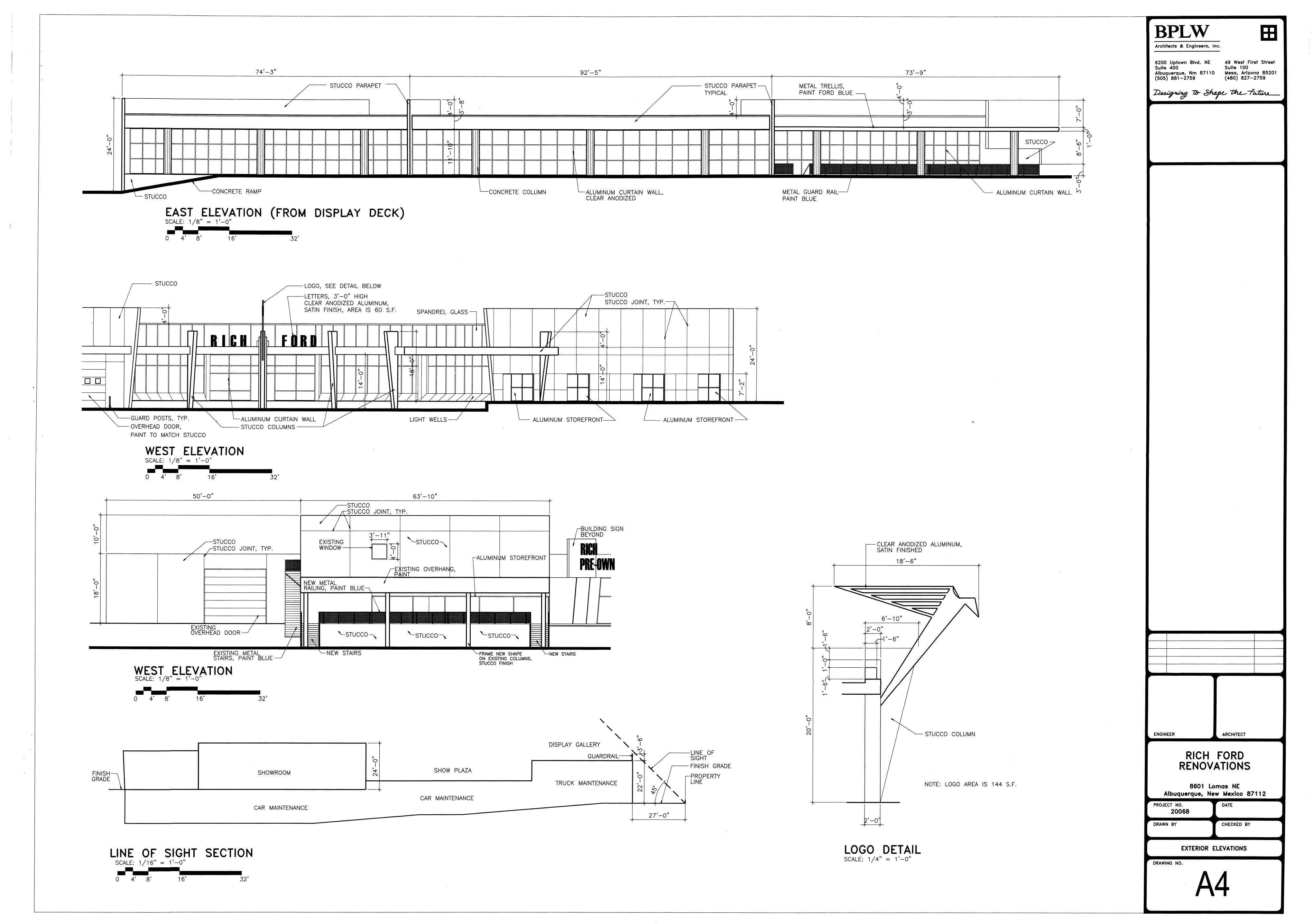
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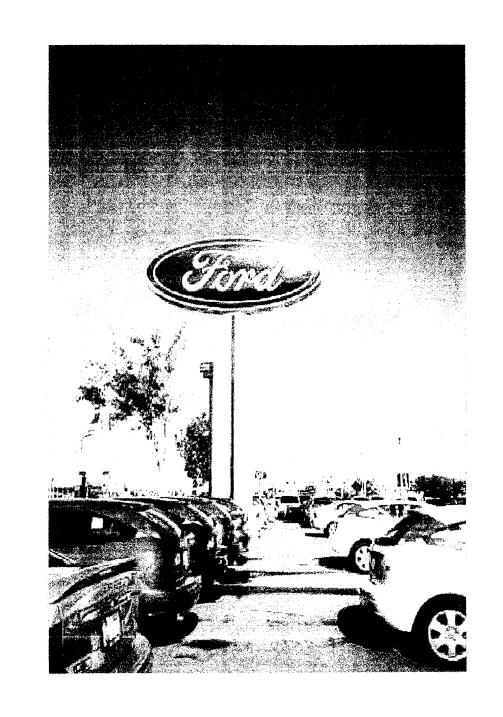
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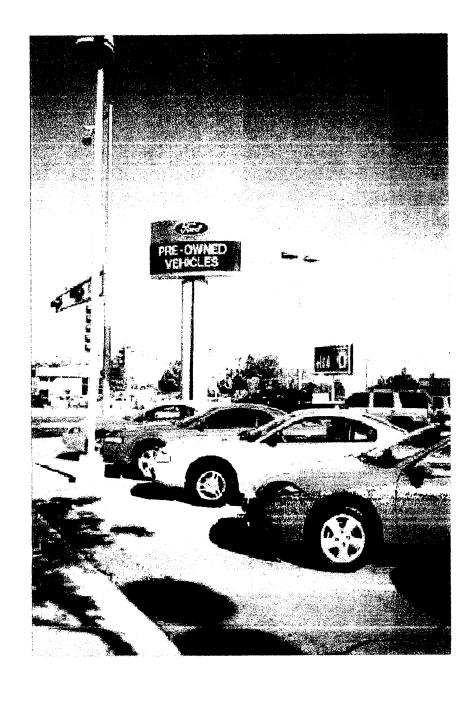




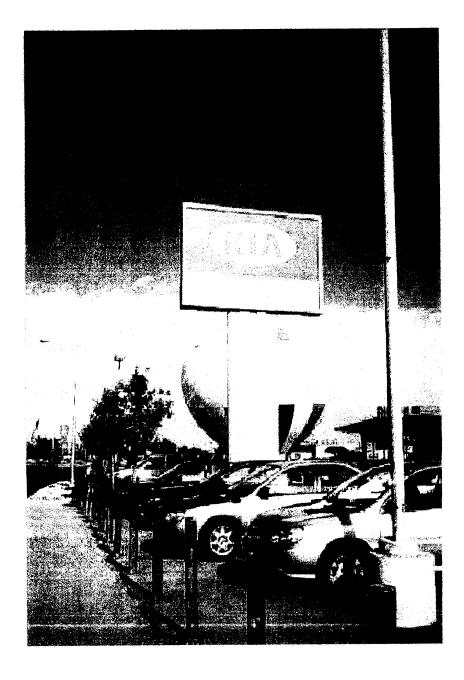




SIGN HEIGHT: 21'-0" SIGN FACE: 72 SF



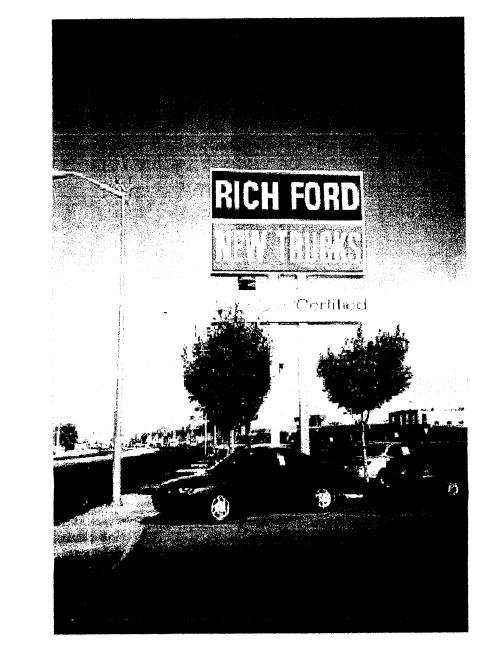
2 SIGN HEIGHT: 21'-0" SIGN FACE: 60 SF



3 SIGN HEIGHT: 18'-0" SIGN FACE: 40 SF



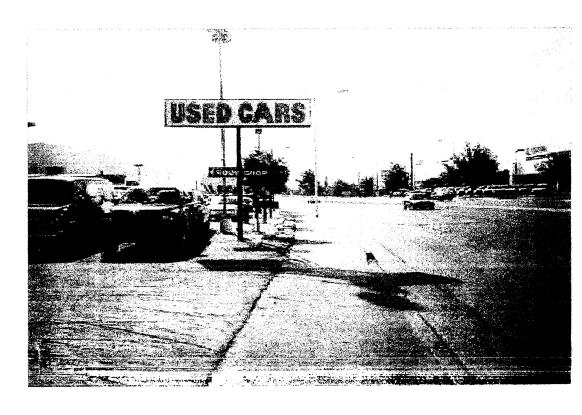
4 SIGN HEIGHT: 15'-0" SIGN FACE: 24 SF



5 SIGN HEIGHT: 21'-0" SIGN FACE: 60 SF 20 SF



6 SIGN HEIGHT: 11'-0"
SIGN FACE: 18 SF



7 SIGN HEIGHT: 15'-0" SIGN FACE: 20 SF



8 SIGN HEIGHT: 12'-0" SIGN FACE: 10 SF



9 SIGN HEIGHT: 21'-0" SIGN FACE: 50 SF



10 SIGN HEIGHT: 30'-0" SIGN FACE: 72 SF



SIGN: 4'-0" X 8'-0"



12 SIGN: 4'-0" X 8'-0"





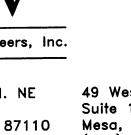


BILLBOARD





BILLBOARD



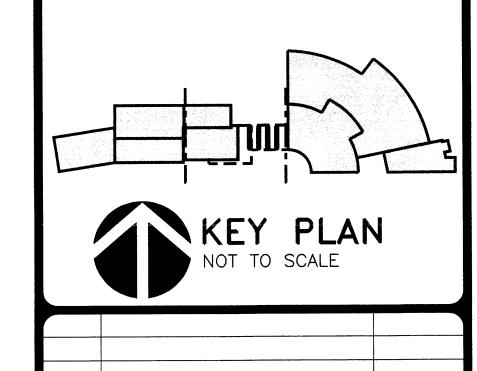
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RICH FORD RENOVATIONS

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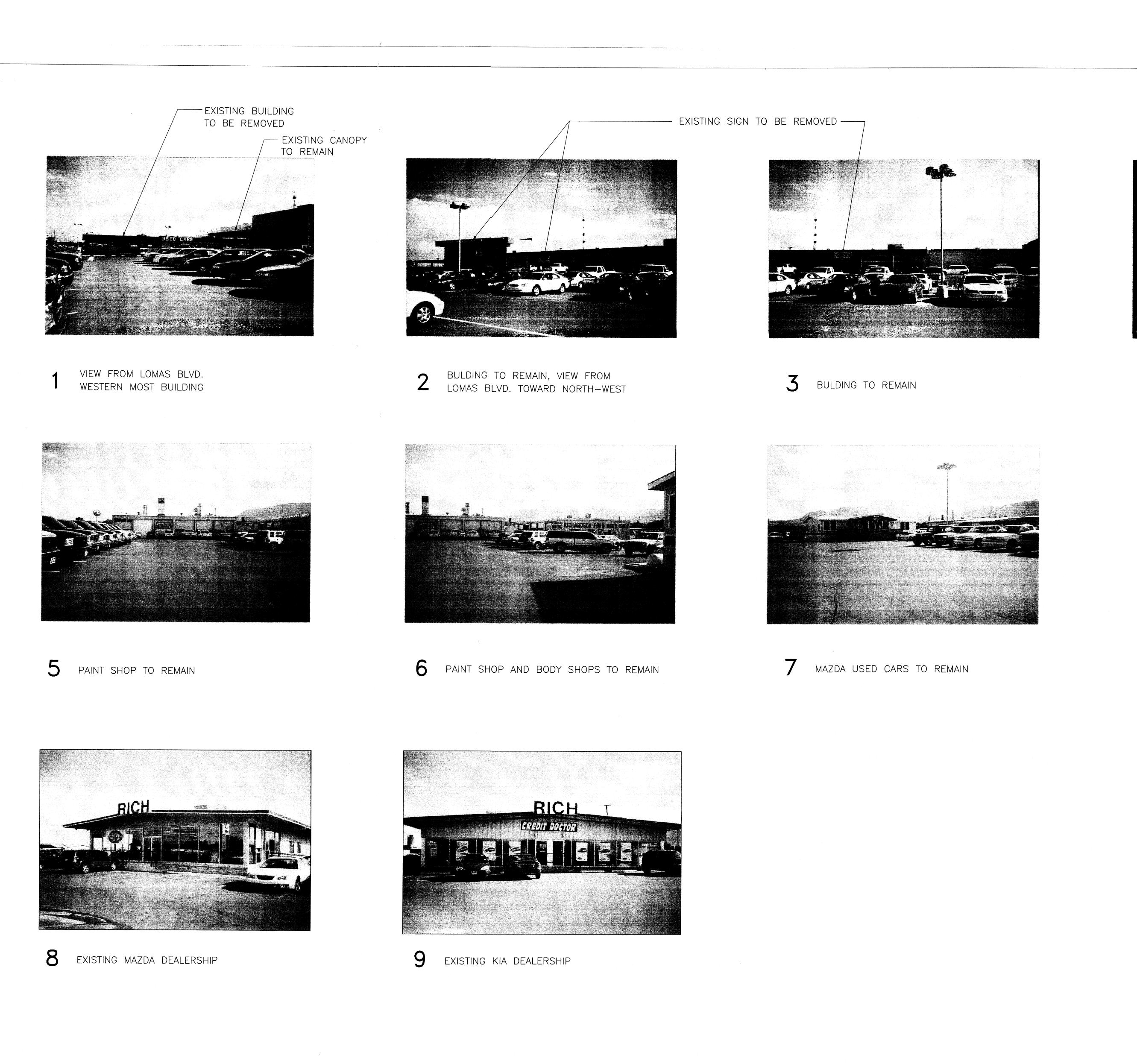
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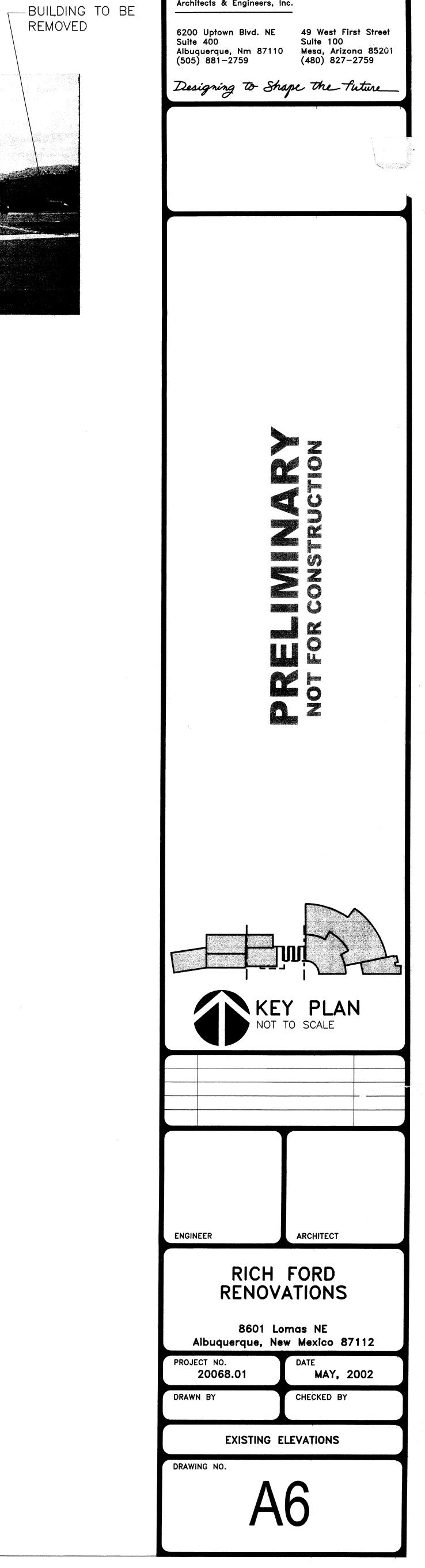
CHECKED BY

MAY, 2002

EXISTING SIGN PHOTOS

DRAWING NO.





BPLW

CANOPY TO BE REMOVED-

4 BULDING TO REMAIN

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