

SOUTH YPHIS, 123 正

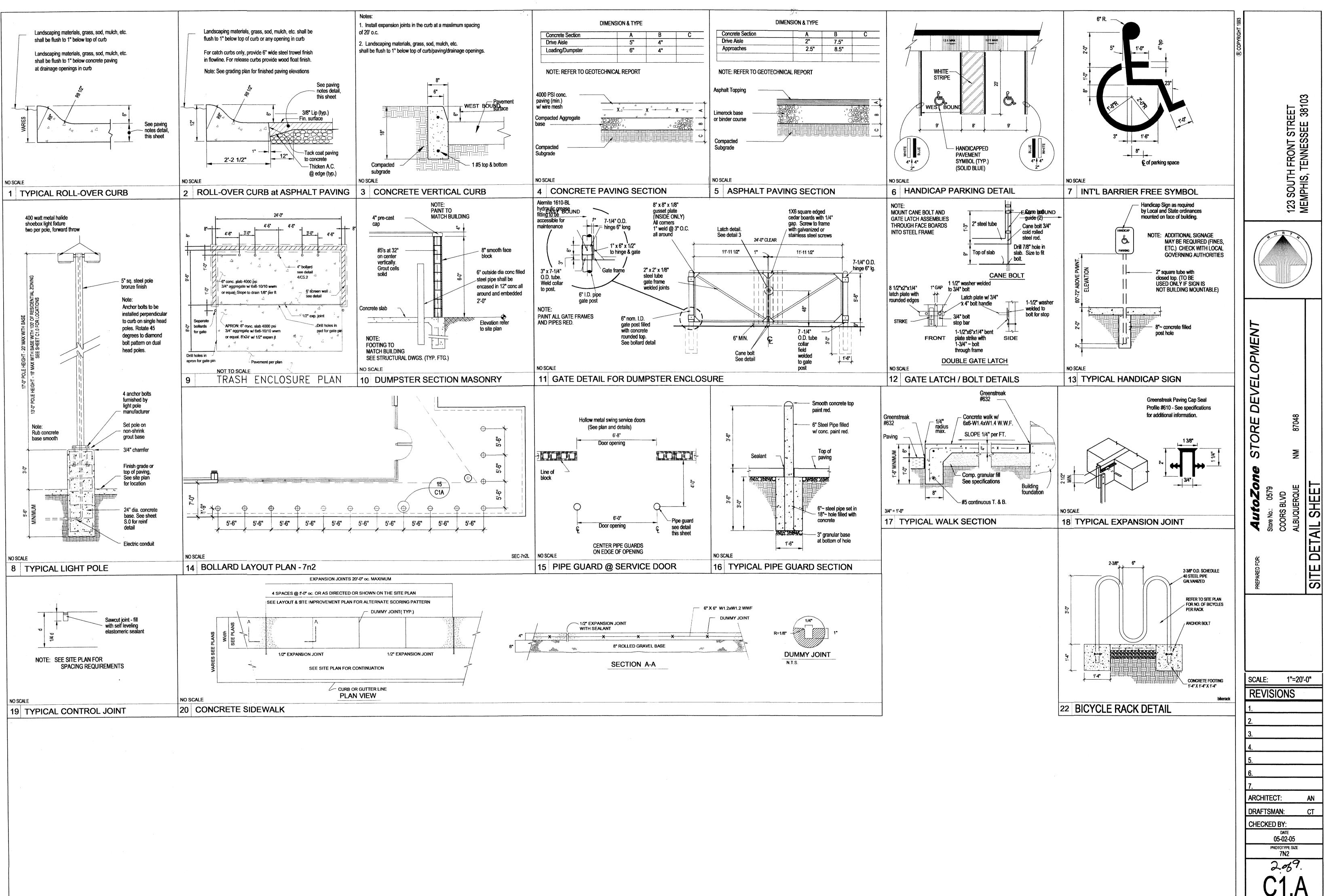
| 5TR

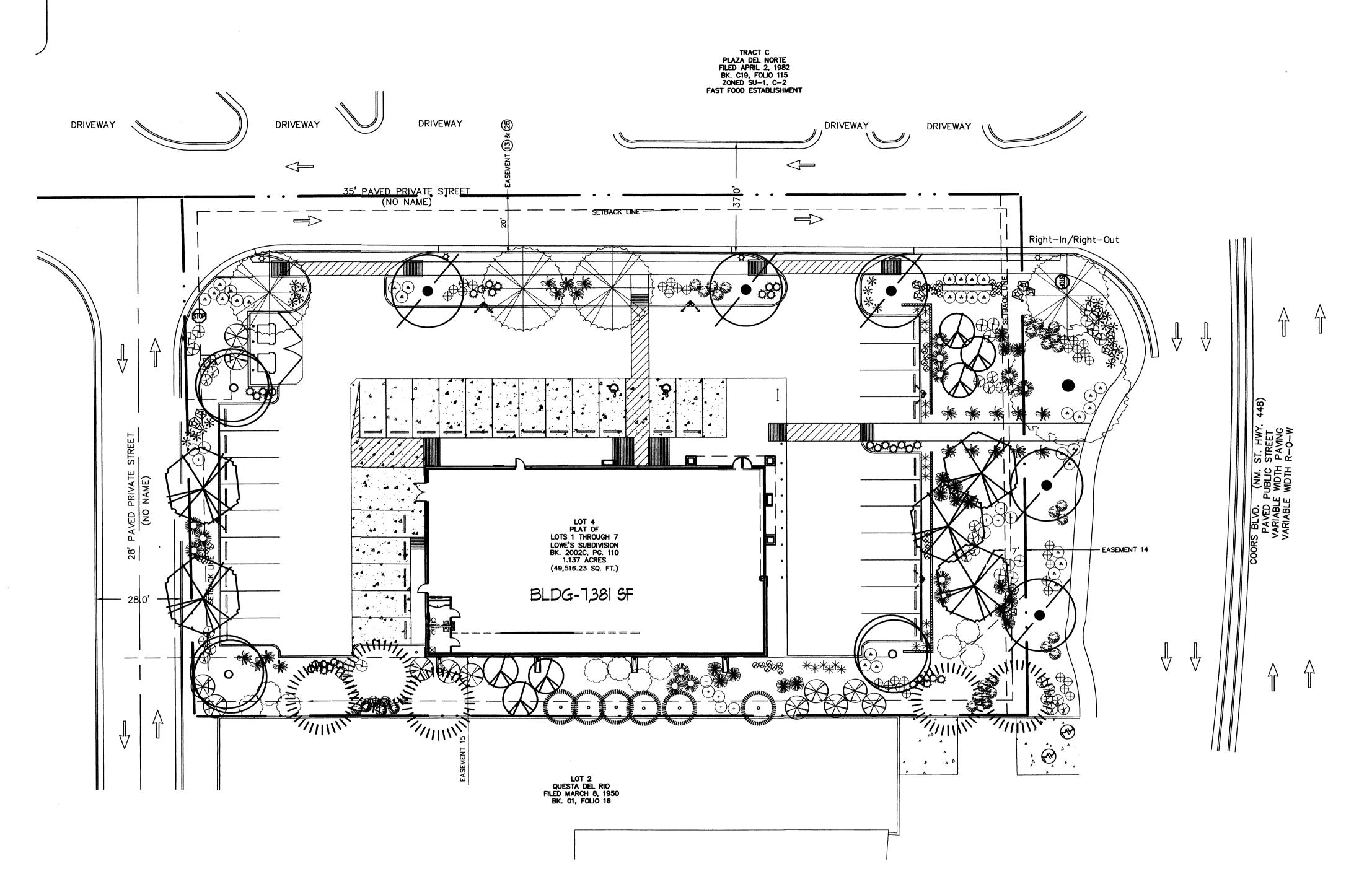
FRONT TENNE

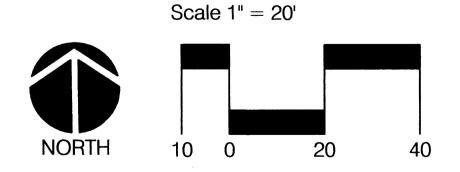
1"=20'-0"

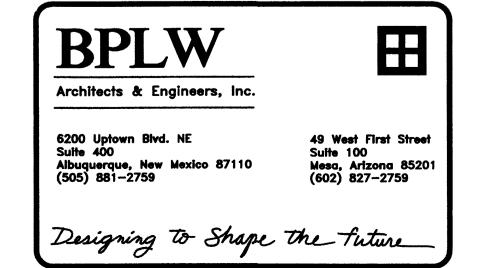
REVISIONS

PERMIT DATE PROTOTYPE SIZE









PLANT LEGEND

Qty.	Symbol	Scientific Name Common Name	Size	Installed Size Mature Size	Water Us
	Trees				
6	0	Existing Juniper (to remain) Juniperus species	n/a	n/a 20' ht. x 12' spr.	Lon+
4		Existing Locust (to remain) Robinia species	n/a	n/a 30' ht. x 30' spr.	Lom+
I	()	Existing Elm (to remain) Ulmus species	n/a	n/a 60' ht. x 40' spr.	Lom+
5	\otimes	Chilopsis linearis 'Luc. Ham.' Desert Willow	15-Gal.	10' ht. × 6' spr. 20' ht. × 25' spr.	Lon
5	\bigcirc	Fraxinus oxycarpa 'Raymood' Raymood Ash	2" B \$ B	14' ht. x 6' spr. 35' ht. x 30' spr.	Medium
3	<u>•</u>	Koelreuteria paniculata Goldenrain Tree	2" B \$ B	14' ht. x 6' spr. 25' ht. x 25' spr.	Mediu
5	The state of the s	Pinus nigra Austrian Pine	B \$ B	10' min. ht. 35' ht. x 25' spr.	Mediu
6	\bigcirc	Robinia neomexicana New Mexico Locust	2" B\$B	10' ht. x 6' spr. 15' ht. x 12' spr.	Lon+
	Shrubs/Grou	undcovers			
10		Caesalpina gilliesii Bird of Paradise	5- <i>G</i> al.	8'o.c. 10' ht. x 8' spr.	Lon
13	+	Chrysothamnus nauseosus Chamisa	I-Gal.	5' o.c. 4' ht. × 4' spr.	Lon
31		Cotoneaster apiculatus Cranberry Cotoneaster	5-Gal.	4' o.c. 3' ht. x 4' spr.	Mediu
23		Fallugia paradoxa Apache Plume	I-Gal.	5' o.c. 4' ht. x 4' spr.	Lon
19		Helichrysum augustifolium Curry Plant	I-Gal.	3' o.c. 2' ht. x 3' spr.	Mediu
32 34	Ø	Nandina domestica 'Nana' Dwarf Heavenly Bamboo Oenothera speciosa	1-Gal. 1-Gal.	2' o.c. 2' ht. x 2' spr. 4' o.c.	Med Low
33	(A) 3 ¹⁴⁴ 2	Mexican Evening Primrose Potentilla fruticosa	I-Gal.	1' ht. x 4' spr. 3' o.c.	Med
33	O	Shrubby Cinquefoil Salvia greggii	1-Gal.	3' ht. x 3' spr. 3' o.c.	Mediu
	\oplus	Cherry Sage	i oui.	3' ht. x 3' spr.	riedio
12	\bigotimes	Spartium junceum Spanish Broom	l-Gal.	5' o.c. 8' ht. × 8' spr.	Mediu
	Desert A	ccents			
17	\bigoplus	Agave hardiana Harvard's Century Plant	I-Gal.	4' o.c. 4' ht. × 4' spr.	Low
13		Dasylirion wheeleri Desert Spoon	I-Gal.	4' o.c. 5' ht. × 6' spr.	Lon+
	*	Hesperaloe parviflora Red Yucca	I-Gal.	3' o.c. 3' ht. x 3' spr.	Lont
	Ornamental	Grasses			
24	*	Muhlenbergia capillaries Regal Mist Muhly Grass	I-Gal.	3' <i>o.c.</i> 3' ht. x 3' spr.	Med
20		Nolina microcarpa Beargrass	5-Gal.	5' o.c. 4' ht. x 5' spr.	Low
13	Pa	Moss Rock Boulder (3' min. c	dia.)		

MULCHE

All shrub planting areas shall be top dressed with 3/4" Santa Fe Brown Rock Mulch and 2" - 4" Santa Ana Tan Cobble (3:1 ratio).

IRRIGATION SYSTEM

Irrigation system standards outlined in the Water Conservation Landscaping and Water Waste Ordinance shall be strictly adhered to. A fully automated irrigation system will be used to irrigate tree, shrub and groundcover planting areas. The landscape irrigation system shall be underground as required by the Lowe's subdivision design guidelines.

MAINTENANCE RESPONSIBILITY

Maintenance of the landscaping and irrigation system, including those areas within the public ROW, shall be the responsibility of the Owner.

STATEMENT OF WATER WASTE

The Landscape Plan for this site shall limit the provision of high water use turf to a maximum of 20 percent of the required landscape area.

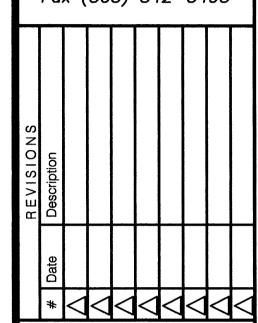
LANDSCAPE REQUIREMENTS

Site Area: 1.14 acres	49,516 SF
Building Footprint:	7,381 SF
Total Area:	42,135 SF
Required Landscape %:	.15
Landscape Area Required:	6,32Ø SF
Landscape Area Provided:	(32%) 13,485 SF



Landscape Architecture Urban Design Planning Services

924 Park Avenue SW Albuquerque, NM 87102 Phone (505) 764–9801 Fax (505) 842–5495



uto Zone

Landscape Architect's Seal:

Designed By: LF
Drawn By: LF
Checked By: CG
Date: July, 2005

Sheet Title:

3 of 8

1388-3

DRAINAGE PLAN **EXECUTIVE SUMMARY** THIS PROJECT, LOCATED AT THE SOUTHWEST CORNER OF THE ALAMEDA AND COORS BLVD. INTERSECTION SOUTH OF THE EXISTING WENDY'S RESTARUANT, CONSISTS OF NEW CONSTRUCTION OF AN 7381 SF, SINGLE STORY -AUTOZONE STORE, PARKING LOT AND ASSOCIATED LANDSCAPING. THE SITE IS CURRENTLY UNDEVELOPED, BUT IS WITHIN A LARGELY DEVELOPED INFILL AREA. THE PURPOSE OF THIS DRAINAGE PLAN IS TO OBTAIN SITE PLAN FOR BUILDING PERMIT APPROVAL. REFERENCES THE DRAINAGE ANALYSIS INCLUDES REFERENCES FROM THE MASTER DRAINAGE REPORT PREPARED FOR THE LOWES HOME IMPROVEMENT CENTER OF NW ALBUQUERQUE DATED 12/20/01. **PROJECT DESCRIPTION**

AS SHOWN ON VICINITY MAP B-14, THE SITE IS LOCATED AT THE SOUTHWEST CORNER OF THE ALAMEDA AND COORS BLVD. INTERSECTION TO THE SOUTH OF THE EXISTING WENDY'S RESTARUANT. ACCORDING TO THE ALTA SURVEY PREPARED BY RICHARD J. TRESISE, DATED MARCH 18, 2005, THE SITE IS CURRENTLY ZONED SU-1. THE ALTA SURVEY DESCRIBES THE CURRENT LEGAL DESCRIPTION AS: LOT NUMBERED FOUR (4) OF LOWES SUBDIVISION, AS THE SAME SHOWN AND DESIGNATED ON THE PLAT ENTITLED, "PLAT 1 THROUGH 7, LOWE'S SUBDIVISION, WITHIN PROJECTED SECTIONS 5 AND 8, T11N, R3E, N.M.P.M, TOWN OF ALAMEDA GRANT, CITY OF ALBUQUERQUE, BERNAILLO COUNTY, NEW MEXICO". AS SHOWN BY PANEL 109 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS, BERNALILLO COUNTY, NEW MEXICO, AND INCORPORATED AREAS, DATED SEPTEMBER 20, 1996, THIS SITE LIES WITHIN DESIGNATED FLOOD HAZARD ZONE X. ZONE X IS CHARACTERIZED BY AREAS DETERMINED TO BE OUTSIDE THE 500-YR FLOODPLAIN.

EXISTING CONDITIONS AND DRAINAGE PATTERNS THE SITE IS RELATIVELY FLAT WITH SLOPES AROUND 2%. THE SITE APPEARS TO MOSTLY DRAIN FROM THE WEST TO THE EAST INTO THE COORS BLVD. STORM DRAIN SYSTEM. ACCORDING TO THE USCS -SOIL SURVEY FOR BERNALILLO COUNTY, THE SITE SOILS ARE BCC (BLUEPOINT) WHICH ARE CLASSIFIED AS WELL DRAINED SOILS WITH HYDROLOGIC SOIL GROUP 'B'. THE SITE CONSISTS OF TWO ONSITE BASINS WITH THE COMBINED AREA OF 1.23 ACRES. BASIN 1 IS BORDERED BY CURB AND GUTTER TO THE NORTH AND WEST LIMITING OFFSITE FLOWS FROM ENTERING THIS BASIN. ONSITE BASIN 1 IS APPROXIMATELY 1.02 ACRES IN SIZE AND IS CURRENTLY UNDEVELOPED. BASIN 1 FLOWS FROM THE WEST TO THE EAST WERE IT SURFACE FLOWS INTO THE COORS BLVD RIGHT OF WAY. THE TOTAL HISTORIC UNDEVELOPED 100YR-6HR RUNOFF FROM BASIN 1 IS 2.14 CFS. BASIN 2 IS LOCATED AT THE NORTHERN PORTION OF THE SITE AND CONTAINS APPROXIMATELY 0.13 ACRES. BASIN 2 CONSISTS OF A DEVELOPED PRIVATE ASPHALT ROAD WHICH RECIEVES FLOW FROM TWO OFFSITE BASIN WHICH ARE ALSO PART OF THE PRIVATE ASPHALT ROAD. ALL THREE OF THESE BASINS SURFACE FLOW FROM THE WEST TO THE EAST AND INTO COORS BLVD. RIGHT OF WAY. THE TOTAL HISTORIC DEVELOPED 100YR-6HR RUNOFF BASIN 2, OFFSITE BASIN 1, AND OFFSITE 2 IS 1.31 CFS.

DEVELOPED CONDITIONS AND DRAINAGE PATTERNS THE PROPOSED GRADING OF THE SITE WILL SPLIT THE EXISTING ONSITE BASIN 1 INTO TWO DIFFERENT SUBBASINS, DEVELOPED ONSITE BASIN 1 AND ONSITE BASIN 3. SINCE NO IMPROVEMENTS ARE PLANNED FOR THE PRIVATE ROAD, ONSITE BASIN 2, OFFSITE BASIN 1 AND OFFSITE BASIN 2 WILL CONTINUE TO FLOW FROM THE WEST TO THE EAST AND DISCHARGE THEIR COMBINED HISTORIC FLOW RATE OF 1.31CFS INTO COORS BLVD. RIGHT OF WAY.

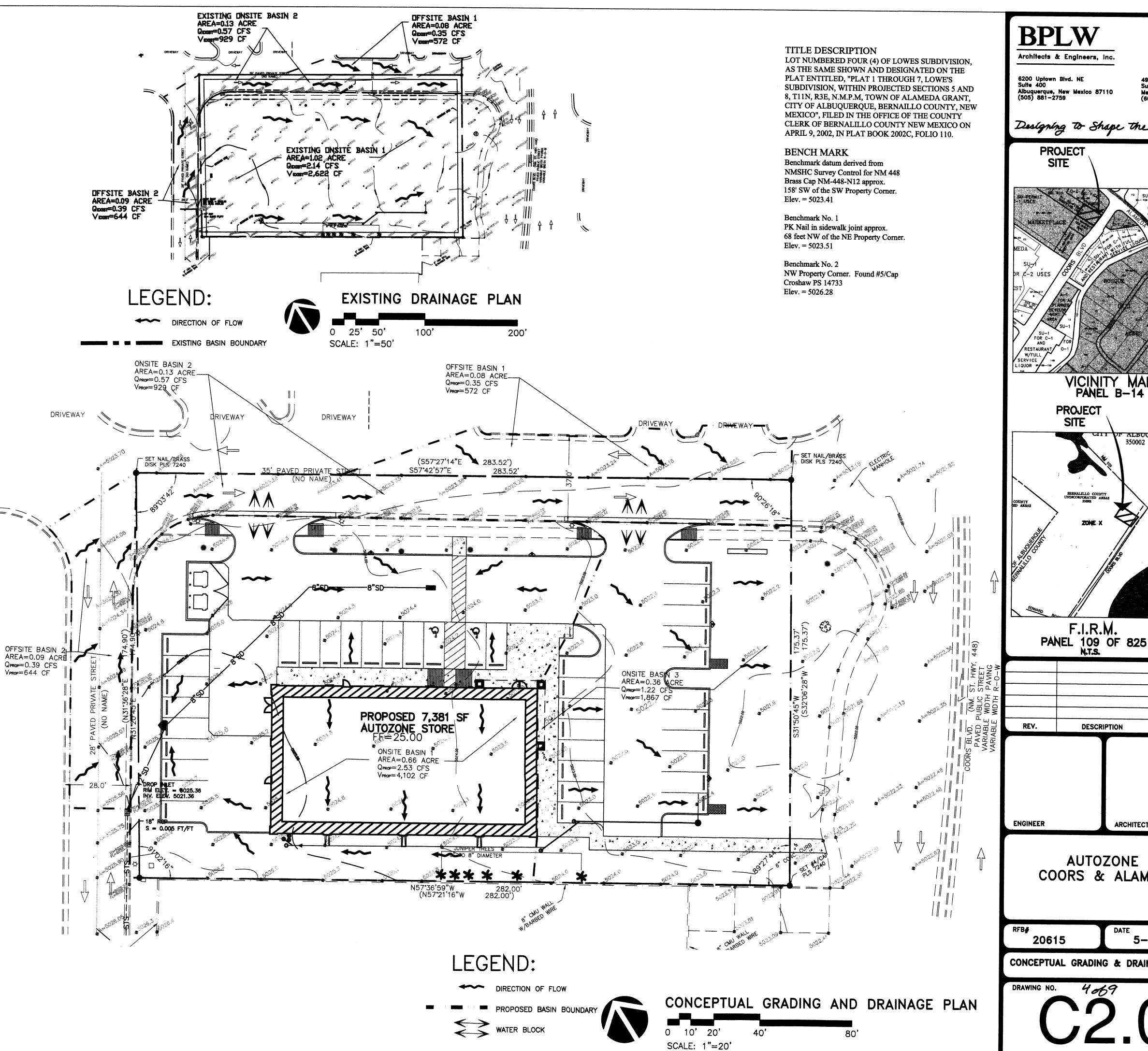
THE NEW ONSITE BASIN 1, APPROXIMATELY 0.66 ACRES, WILL FLOW FROM THE EAST TO THE WEST VIA SUBSURFACE FLOW IN A NEW STORM DRAIN SYSTEM TO THE EXISTING INLET LOCATED ON THE WESTERN BORDER OF THE SITE. FROM THE INLET, THE DISCHARGE WILL FLOW OFFSITE WEST VIA AN EXISTING 18" STORM DRAIN AND INTO THE DETENTION POND LOCATED ON THE ADJACENT LOWES HOME IMPROVEMENT PROPERTY. THE PROPOSED AUTOZONE SITE WAS INCORPORATED INTO THE MASTER DRAINAGE PLAN FOR THE LOWES HOME IMPROVEMENT CENTER DUE TO THIS THE PROPOSED AUTOZONE SITE WILL BE ALLOWED FREE DISCHARGE INTO THE DETENTION POND AT A RATE NOT TO EXCEED THE 4.82CFS 100YR-6HR DISCHARGE. THE PROPOSED 100YR-6HR DISCHARGE FROM BASIN 1 INTO THE DETENTION POND WILL BE 2.53CFS. THE NEW ONSITE SUBBASIN 3, APPROXIMATELY 0.36 ACRES WILL FLOW FROM THE WEST TO THE EAST. DUE TO GRADING CONSTRAINTS, THE BASIN WILL DISCHARGE INTO THE COORS BLVD RIGHT OF WAY AT A RATE OF 1.22CFS. HOWEVER, FROM EXISTING TO PROPOSED CONDITIONS, THE DISCHARGE INTO THE COORS RIGHT OF WAY WILL BE REDUCED FROM FROM 3.45 CFS TO 2.53CFS AND THE DISCHARGE INTO THE DETENTION POND LOCATED ON THE LOWES PROPERTY WILL BE AT 52%, THE ALLOWED DISCHARGE AS DICTATED IN THE LOWES MASTER GRADING PLAN.

CALCULATIONS

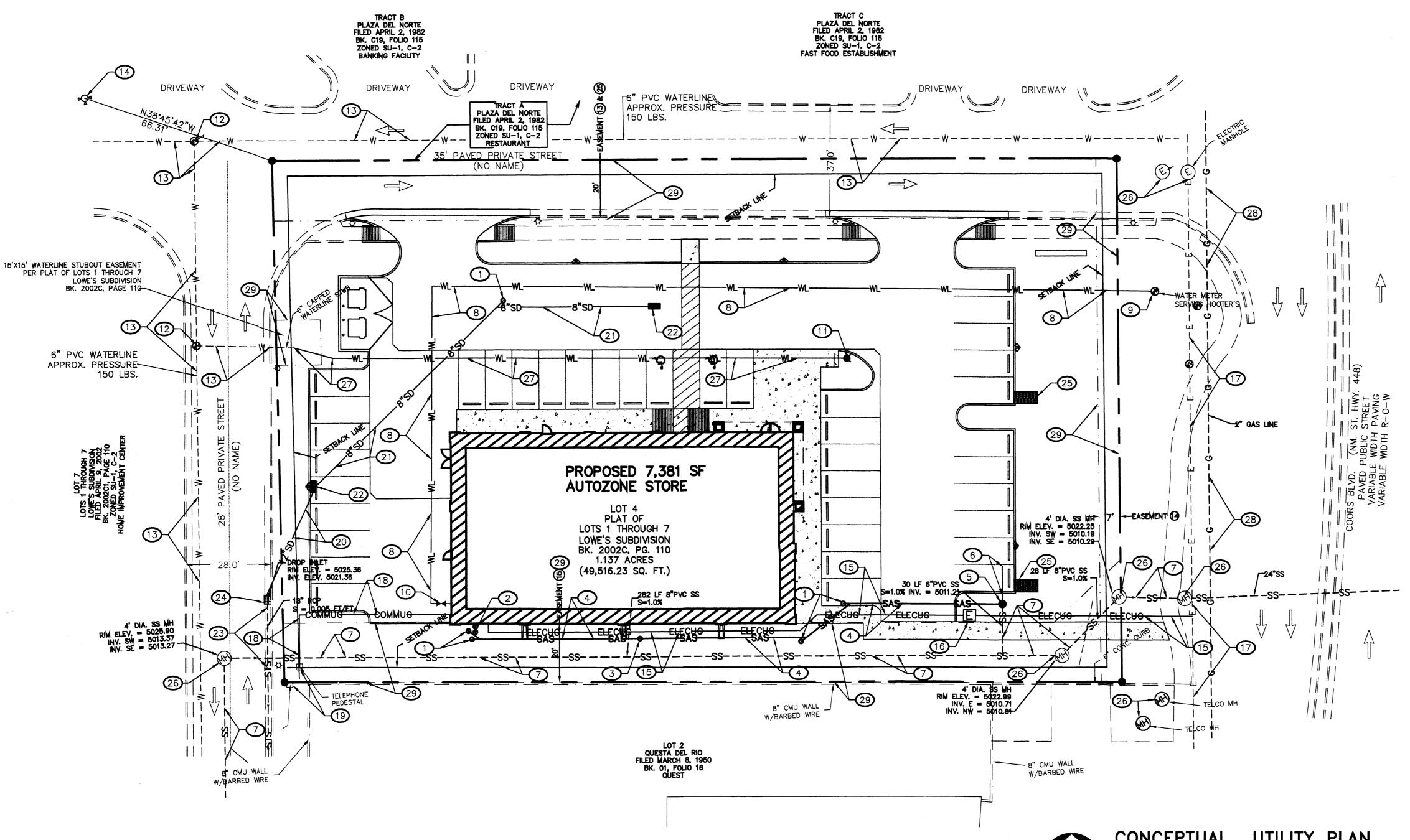
THE CALCULATIONS ANALYZE BOTH THE EXISTING AND DEVELOPED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT. THE PROCEDURE FOR 40-ACRE AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY, 1993, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME OF RUNOFF GENERATED.

CONCLUSION

AS STATED ABOVE, FROM EXISTING TO PROPOSED CONDITIONS, THE DISCHARGE INTO THE COORS RIGHT OF WAY WILL BE REDUCED FROM FROM 3.45 CFS TO 2.53CFS AND THE DISCHARGE INTO THE DETENTION POND LOCATED ON THE LOWES PROPERTY WILL BE AT 52%, THE ALLOWED 100 YR-6HR DISCHARGE RATE AS DICTATED IN THE LOWES MASTER GRADING PLAN.



H 49 West First Street Mesa, Arizona 85201 (602) 827-2759 Designing to Shape the future VICINITY MAP ALBUQUERQUE PANEL 109 OF 825 DATE ARCHITECT COORS & ALAMEDA 5-2-05 CONCEPTUAL GRADING & DRAINAGE PLAN



EASEMENTS (Per Schedule B)

- (13) A twenty foot (20') Private Access and Public Utility, Sewer and Water Easement, and incidental purpose thereto, reserved along the northerly lot line of the insured premises, as shown on the recorded plat, recorded in Plat Book 2002C, Page 110, records of Bernalillo County, New Mexico. Affects subject property and is plotted hereon.
- A seven foot (7') PNM Easement, and incidental purpose thereto, reserved along the easterly lot line of the insured premises, as shown on the recorded plat, recorded in Plat Book 2002C, Page 110, records of Bernalillo County, New Mexico. Affects subject property and is plotted hereon.
- (15) A twenty foot (20') Exclusive Easement granted to NM Utilities, Inc., for sewer purposes, and incidental purpose thereto, reserved along the southerly lot line of the insured premises, as shown on the recorded plat, recorded in Plat Book 2002C, Page 110, records of Bernalillo County, New Mexico. Affects subject property and is plotted hereon.
- Reciprocal Easements and Common Areas recorded March 11, 2002, in Book A33, Page 1958, as Doc. No. 2002032043, records of Bernalillo County, New Mexico. Affects subject property and is plotted hereon.

UTILITY PLAN CONCEPTUAL

AFD PLANS CHECKING OFFICE 924-3611 APPROVED DISAPPROVED

HYDRANT(S) ONLY

UTILITY **PLAN KEYED NOTES:**

- 1. New SAS terminal cleanout.
- 3. New single SAS cleanout.
- 4. New sanitary sewer line.
- 5. New SAS manhole.
- 8. New water service line.
- 9. Existing water meter to be connected
- 10. New waterline control valve.

- 14. Existing fire hydrant.
- 15. Proposed electrical service alignment.
- 16. Proposed electrical equipment location.
- 17. Existing electrical underground line to remain.
- 19. Existing communication equipment to remain.
- 20. New 12" storm drain line.
- 21. New 8" storm drain line.
- 22. New storm drain inlet.
- 23. Existing storm drain line to remain.
- 24. Existing storm drain inlet to remain.
- 25. New rip-rap erosion protection pads.
- 27. New 6" waterline.
- 28. Existing natural gasline to remain.
- 29. Existing easment to remain.



- 2. New SAS double cleanout.
- 6. Remove 11' of existing 6" SAS stub out.
- 7. Existing SAS line to remain.

- 11. New fire hydrant.
- 12. Existing waterline control valve to remain.
- 13. Existing waterline to remain.

- 18. Proposed communication service alignment.

- 26. Existing manhole to remain.

Designing to Shape the future LEGEND: NEW FIRE HYDRANT WATER METER NEW ELECTRICAL EQUIPMENT EXISTING EASEMENTS NEW WATER CONTROL VALVE REV. **DESCRIPTION** DATE **ENGINEER ARCHITECT AUTOZONE** COORS & ALAMEDA DATE 5-2-05

A04029

CONCEPTUAL UTILITY PLAN

5089

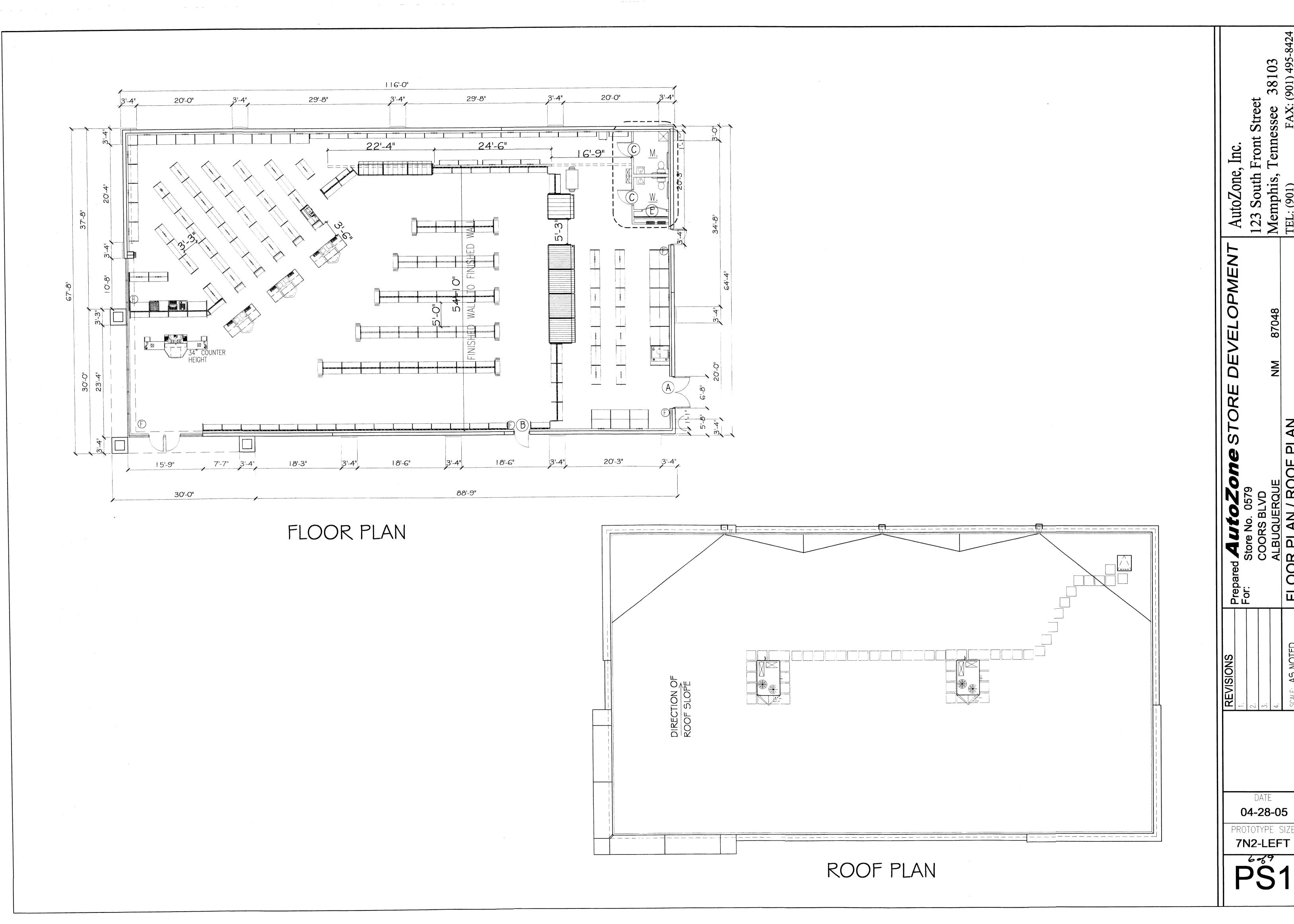
BPLW

Architects & Engineers, Inc.

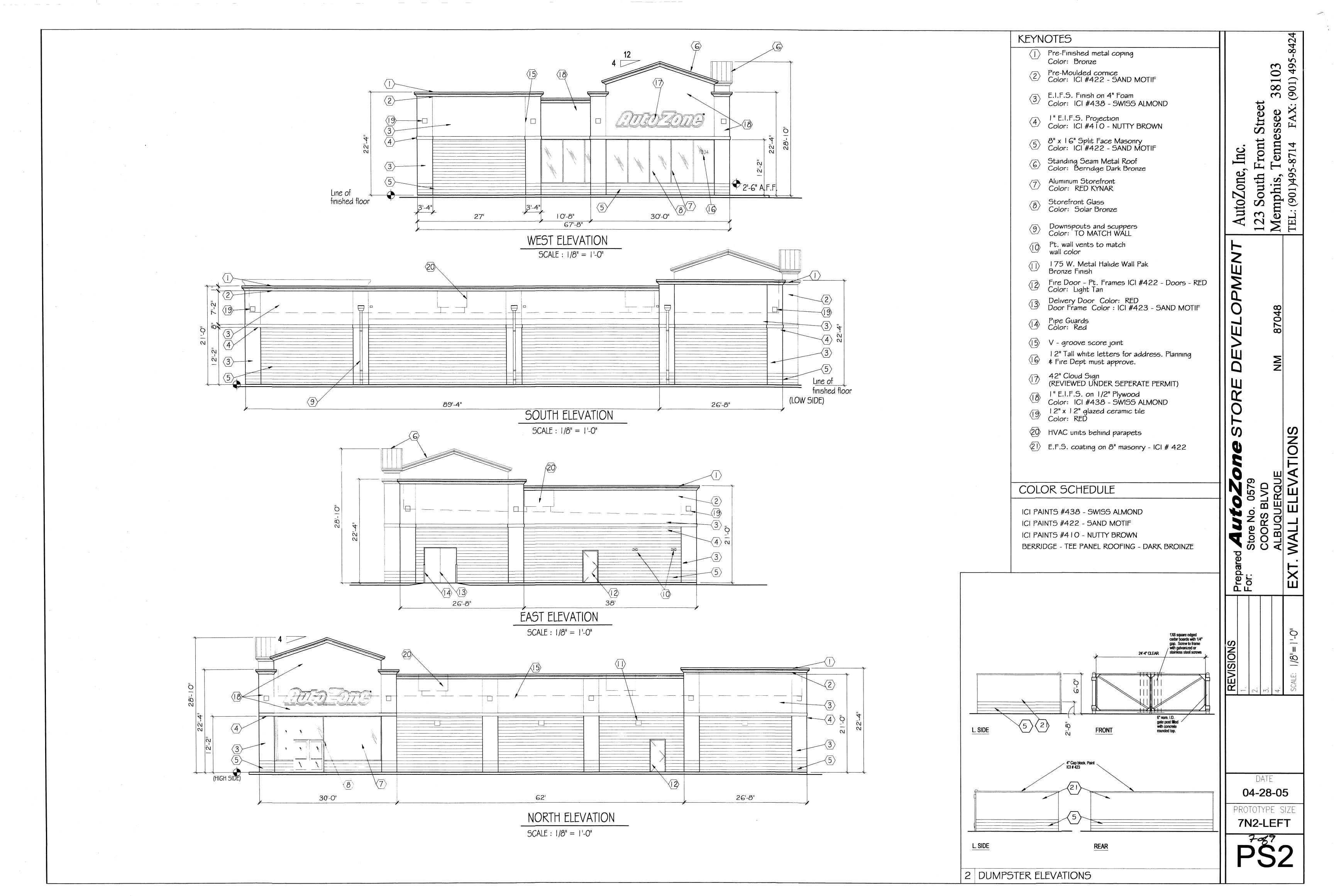
Albuquerque, New Mexico 87110 (505) 881-2759

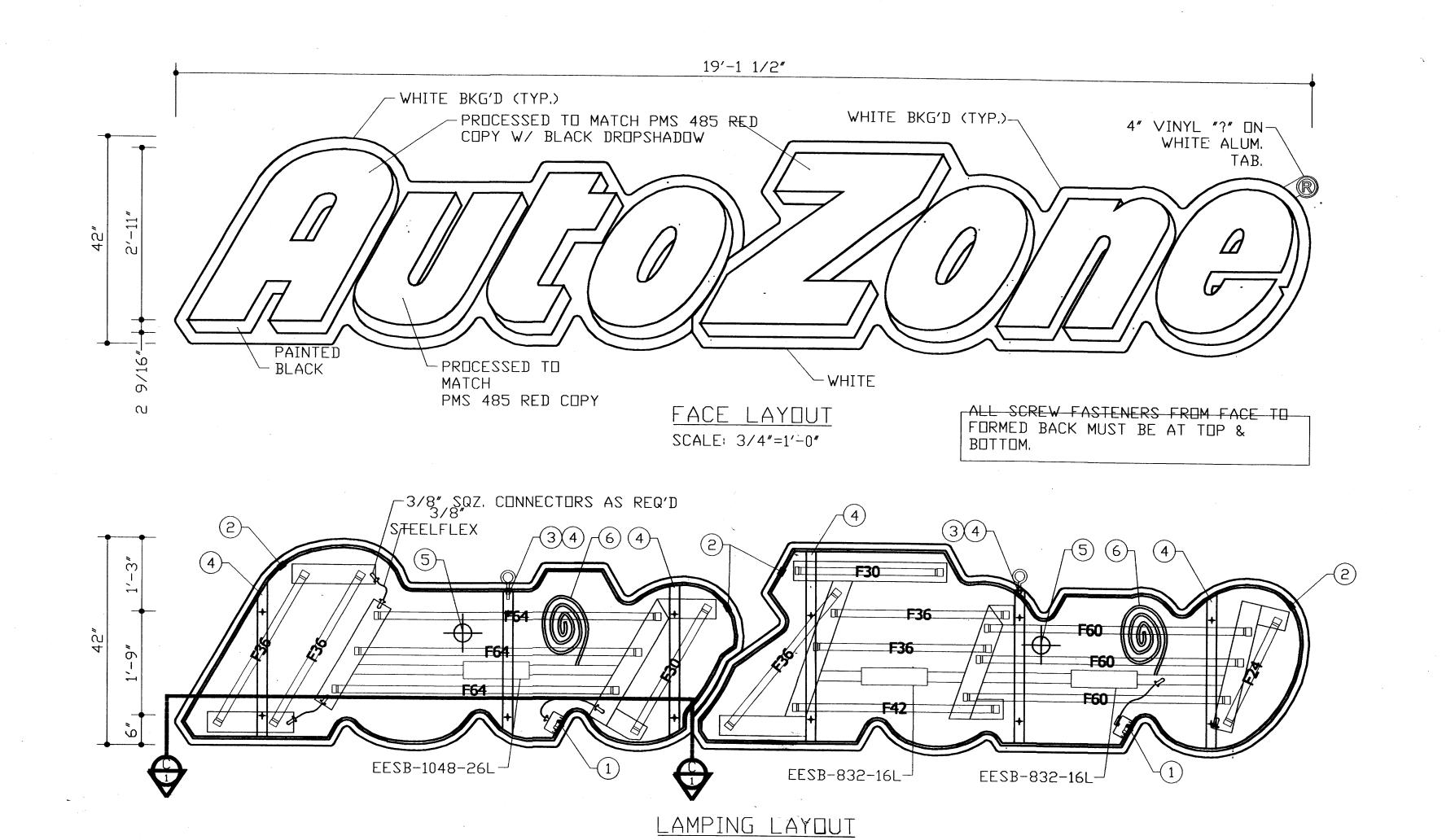
H

49 West First Street Suite 100 Mesa, Arizona 85201 (602) 827—2759

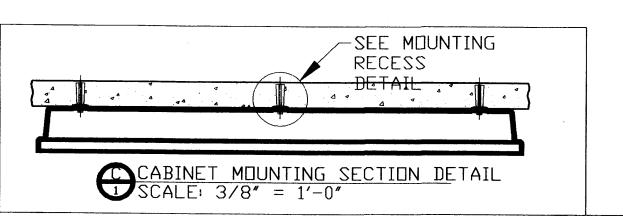


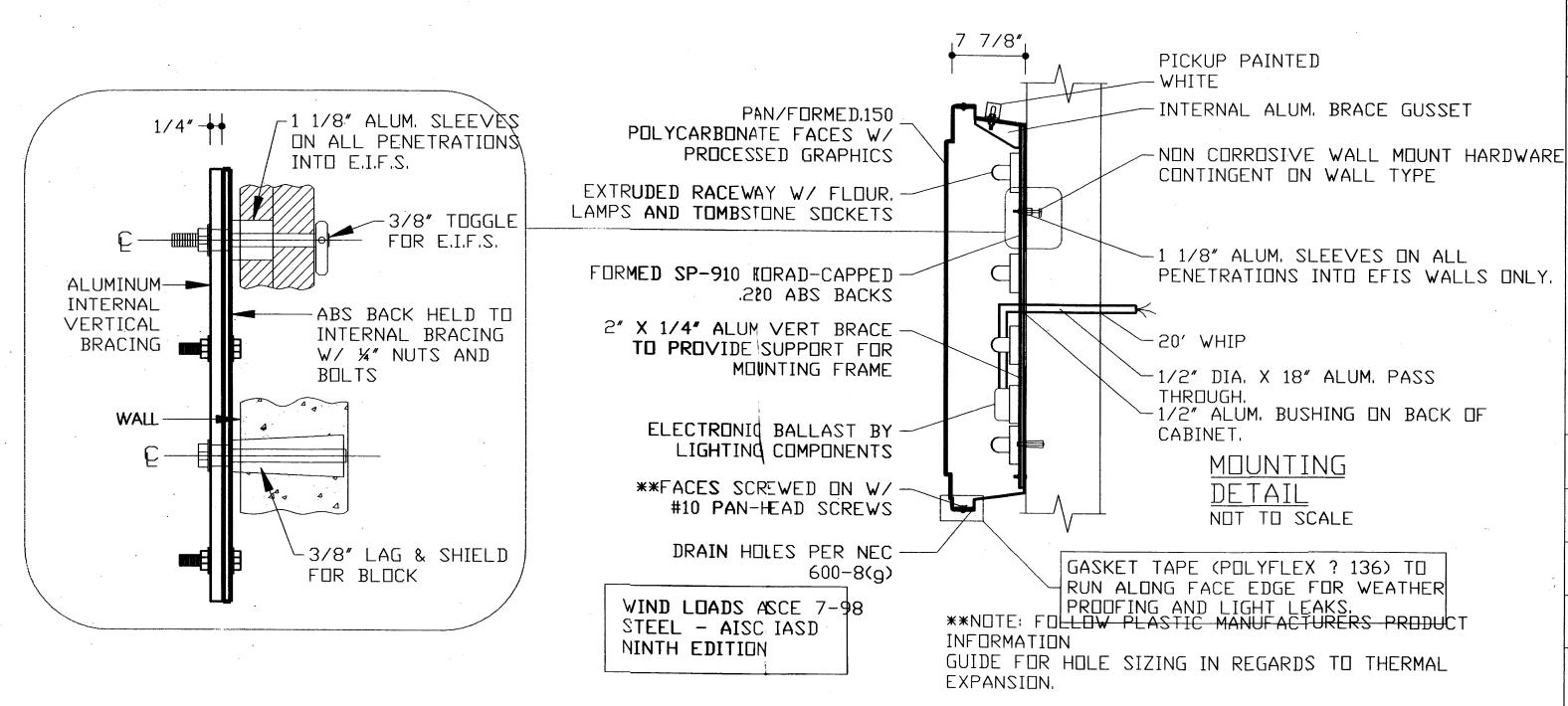
04-28-05





SCALE: 3/4"=1'-0"





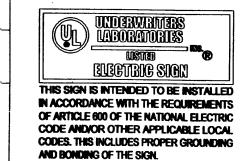
SQUARE FOOTAGES TOTAL: 66.93 SQ. FT. W/SQUARE TOTAL: 60.2271 SQ. FT. W/SECTION ! BOXKEY NOTES:

(1) VISIBLE DISCONNECT SWITCH EXACT LOCATION CONTINGENT UPON UL REQUIREMENTS.

- (2) 1" ALUM, VENT TYP,
- (3) 3/8" EYE BOLT PICKUP, TYP.
- (4)MDUNTING RECESS, SEE DETAIL.
- ALUMINUM INTERNAL VERTICAL BRACING. (5) APPROXIMATE LOCATION OF HOLE TO BE
- DRILLED THROUGH WALL FOR ELECTRICAL CONNECTION. EXACT LOCATION OF HOLE TO BE DETERMINED ON-SITE BY SIGN INSTALLER.
- (6) 20' WHIP

WINDLOADS	BULT QTY. PER SECTION	BOLT SIZE SPECS.			
100 MPH	4	3/8" x 2 ½" (MIN.)			
130 MPH	6	LAG BOLTS* 3/8" × 2 ½" (MIN,) LAG BOLTS* 3/8" × 2 ½"			
150 MPH	6	3/8" x 2 ½" (MIN.) LAG BDLTS*			

*NOTE: FOR CONCRETE BLOCK APPLICATIONS, USE NON-CORROSIVE EXPANDING SHIELDS. MIN. 2" EMBEDDED INTO STRUCTURAL BLOCKING PER



"AUTO" CABINET (292 WATTS) (1) F30T12 D/HO FLUORESCENT (2) F36T12 D/HO FLUORESCENT LAMPS (3) F64T12 D/HD FLUORESCENT LAMPS (6) PAIR -TOMBSTONE SOCKETS 15' FT. DF 1" X 4" EXT. ALUM RACEWAY (1) EESB-1048-26L - 2.5 AMPS "ZONE" CABINET (396 WATTS) (1) F24T12 D/HO FLUORESCENT (1) F30T12 D/HO FLUORESCENT (3) F36T12 D/HO FLUORESCENT

AutoZone, Inc.
123 South Front Street
Memphis, Tennessee 38103
TEL: (901) 495-8890 FAX: (901) 495-8424

STRIPES

TH NO

(1) F42T12 D/HO FLUORESCENT (3) F60T12 D/HD FLUDRESCENT LAMPS (9) PAIR -TOMBSTONE SOCKETS 15' FT. DF 1" X 4" EXT. ALUM RACEWAY (2) EESB-832-16L - 1.7 AMPS EA

ed **AutoZ**Store No. 0579
COORS BLVD
ALBUQUERQUE CLOUD-**BACK** 4 INTERNAL VERTICAL BRACING MOUNTING RECESS DETAIL NOT TO SCALE CLOUD BACKS-----WHITE FACE BACKGROUND-----WHITE

AUTOZONE-----PROCESSED TO MATCH PMS 485 RED STRIPES----PROCESSED TO MATCH PMS 165 DRANGE DROP SHADOW-----PAINTED BLACK "?"-----MATCH PMS 485 RED FEE FACEX OF TABLE SINGLEL PRIFTED POLYETHYLENE TAPE TECHNICAL PROPERTIES: TOTAL THICKNESS (NOT INCLUDING LINER) 9.0 mils (.229mm)ATF ADHESIVE THICKNESS SYNTHETIC RUBBER) 3.5 mils (089mm) ADHESIVE TEST DATA:

PEEL ADHESION (PSTC 1 MOD.) $\square Z./INCH (N/25mm)$ INITIAL TO S.S. (20 MIN @ RT)

BACKING ADHESION (PSTC 1 MOD.) INITIAL TO BACKING SUBSTRATE

ELECTRONIC

BALLANTS

_ TOTAL

"AUTO"-----120 LBS

"ZONE"-----120 LBS

TENSILE STRENGTH

UNIT WEIGHTS:

COLORS:

(ASTM <u>IL-BISDOUNC</u>H (N/25mm) 22 ELONGATION (ASTM D-1000)

04-28-05

PROTOTYPE SIZE

