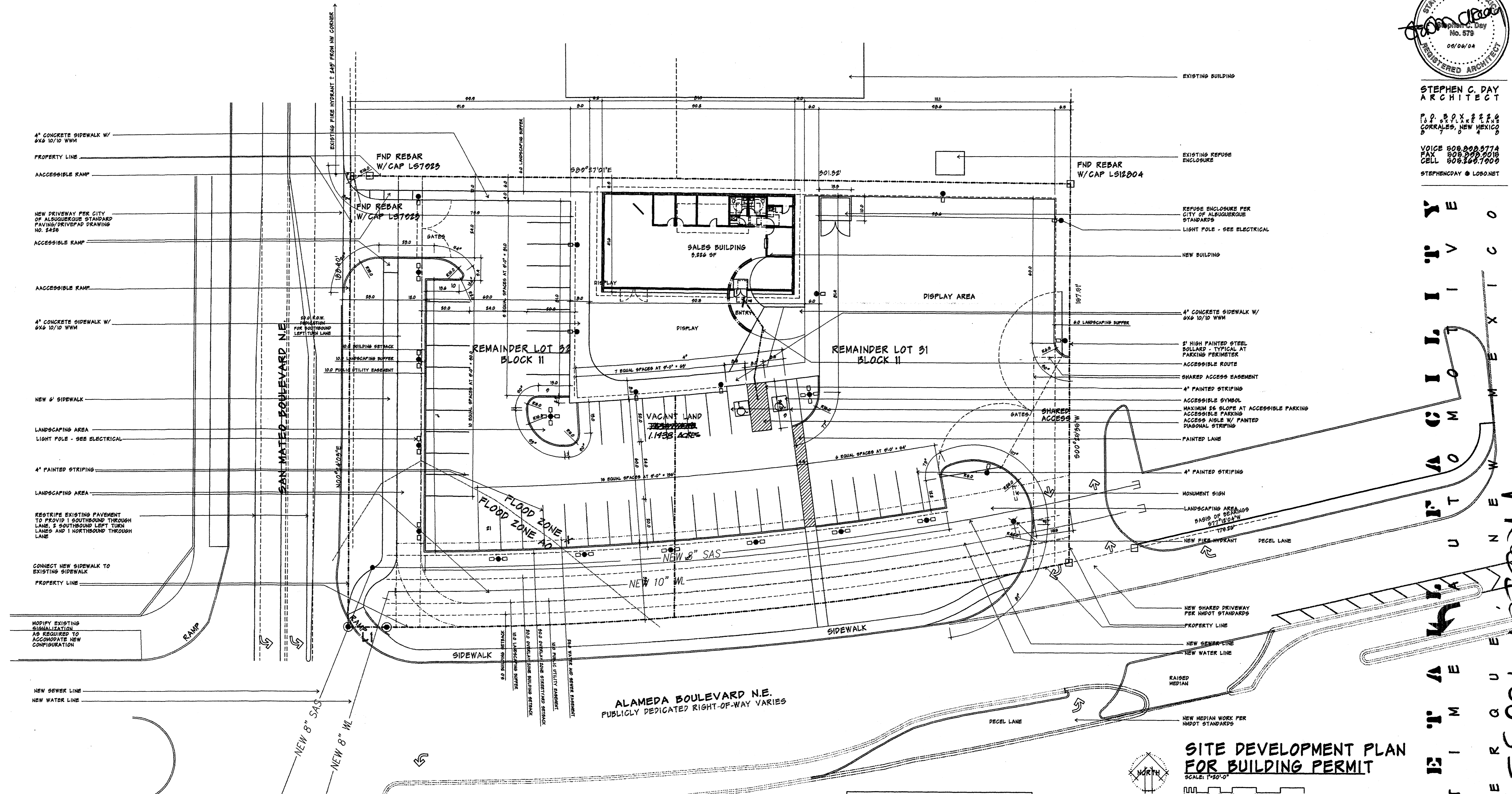
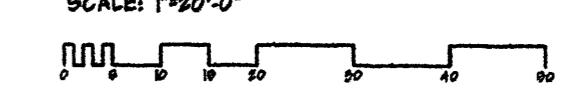


**STEPHEN C. DAY**  
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STEPHENDAY@LOSONET



**SITE DEVELOPMENT PLAN FOR BUILDING PERMIT**  
SCALE: 1"=20'-0"

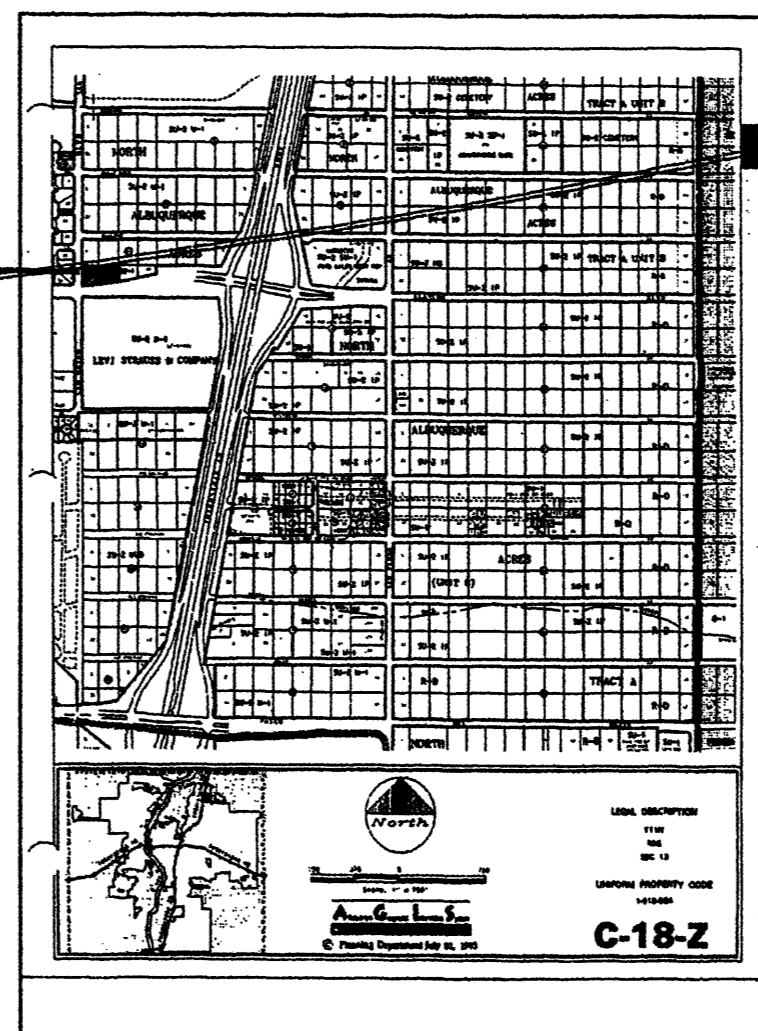


NOTE:  
ALL OFFSITE IMPROVEMENTS ARE APPROXIMATE  
PENDING DETAILED DESIGN

PROJECT NUMBER 1003371  
APPLICATION NUMBER 04 DRB 01184  
IS AN INFRASTRUCTURE LIST REQUIRED? ( ) YES ( ) NO IF YES, THEN A SET OF APPROVED DRG PLANS WITH A WORK ORDER IS REQUIRED FOR AND CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS.

**DRB SITE DEVELOPMENT PLAN APPROVAL**

<i>[Signature]</i>	9/1/04
TRAFFIC ENGINEERING, TRANSPORTATION DIVISION	DATE
<i>[Signature]</i>	9/8/04
UTILITIES DEVELOPMENT	DATE
<i>[Signature]</i>	9/8/04
PARKS AND RECREATION DEPARTMENT	DATE
<i>[Signature]</i>	1-21-05
CITY ENGINEER	DATE
N/A	
ENVIRONMENTAL HEALTH DEPARTMENT (CONDITIONAL)	DATE
<i>[Signature]</i>	9-8-04
SOLID WASTE MANAGEMENT	DATE
<i>[Signature]</i>	1-21-05
DRB CHAIRPERSON, PLANNING DEPARTMENT	DATE
ENVIRONMENTAL HEALTH, IF NECESSARY	



**VICINITY PLAN**  
SCALE: 1"=100'

**GENERAL NOTES**

1/ ADDRESS:  
BLOCK II, TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES, BERNALILLO COUNTY, NEW MEXICO

2/ THE AS-BUILT SUBMITTAL BY THE DESIGNER OF RECORD, AS REQUIRED BY TRANSPORTATION DEVELOPMENT, MUST ALSO INCLUDE A LETTER OF CERTIFICATION THAT THE SITE HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE TOL BEFORE A CERTIFICATE OF OCCUPANCY.

3/ CONTRACTOR SHOULD BE AWARE THAT ANY AGREEMENT WITH THE OWNER STATING THAT ANY PORTION OF PRESENT CONSTRUCTION COMPLETED BY OTHER THAN THAT CONTRACTOR, WILL PROBABLY CAUSE DELAY. THEREFORE, CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL ALL WORK IS FINISHED.

4/ THE RESPONSIBLE PARTY MUST RECTIFY ALL UNAPPROVED CONSTRUCTION RESULTING FROM ERRORS ON THE APPROVED SITE PLAN.

5/ THIS SITE PLAN HAS BEEN APPROVED AND ACCEPTED BY ALL PARTIES. ANY FIELD CHANGES NOT ACCEPTED BY TRAFFIC ENGINEER AFTER APPROVAL OF BUILDING PERMIT WILL RESULT IN (1) DELAYED DELAY OF CERTIFICATION FOR FINAL OCCUPANCY IN ORDER TO CORRECT UNAPPROVED WORK, AND (2) INCREASE IN CONSTRUCTION COST TO RESPONSIBLE PARTIES.

6/ EXISTING STREET SIDEWALK AND C&G AFFECTING SAFE VEHICULAR OR PEDESTRIAN TRAVEL WILL BE REMOVED AND REPLACED.

7/ INSPECTIONS OF CONSTRUCTION FOR C.O. FOR TRANSPORTATION WILL BE DONE FROM THIS SHEET.

8/ WORK BEING DONE ON CITY PROPERTY AS PART OF THIS DEVELOPMENT MUST BE COMPLETE BEFORE ISSUANCE OF C.O. OR FINANCIAL GUARANTEE MUST BE ON FILE WITH DESIGN REVIEW OFFICE.

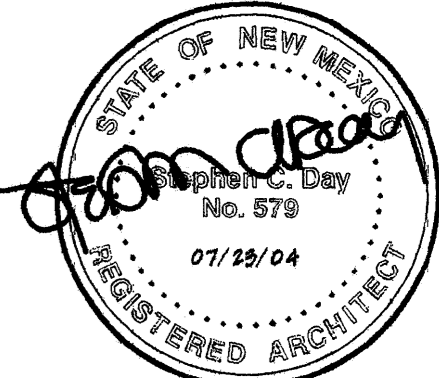
**PARKING REQUIREMENTS**

BUILDING AREA	9,226 SF
PARKING REQUIRED AT 1/500 SF	18.45 SPACES
LESS 10% (BUS ROUTE)	< 1.60
PARKING REQUIRED	14.85 - 19 SPACES
PARKING PROVIDED	49 SPACES
ACCESSIBLE SPACES REQUIRED	1 SPACE
ACCESSIBLE SPACES PROVIDED	2 SPACES

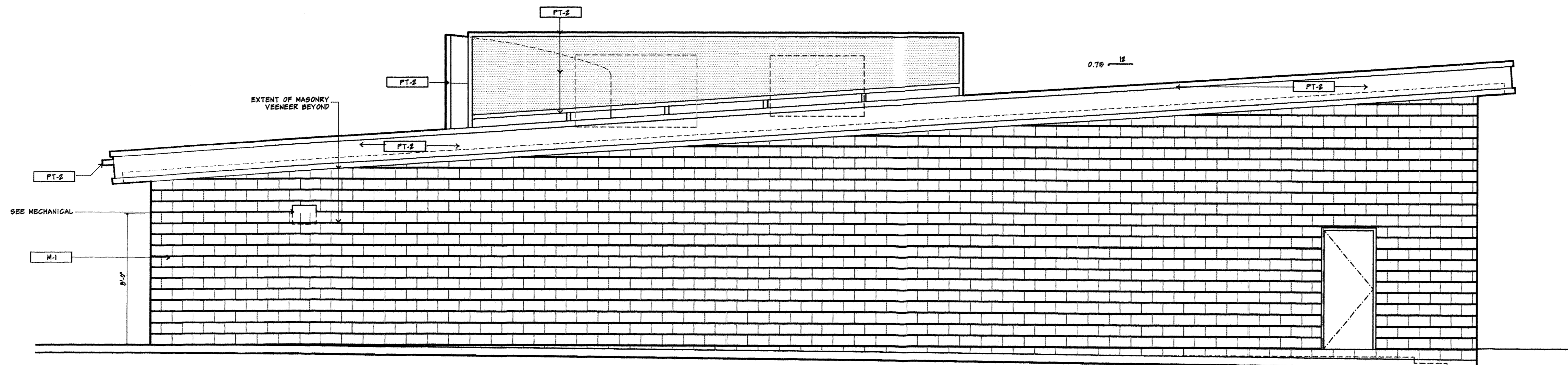
**LANDSCAPING AREA CALCULATIONS**

SITE AREA	47,004 SF
LESS BUILDING	(9,226 SF)
NET AREA	44,529 SF
LANDSCAPING AREA REQUIRED AT 10%	6,640 SF
LANDSCAPING AREA PROVIDED	14,000 SF

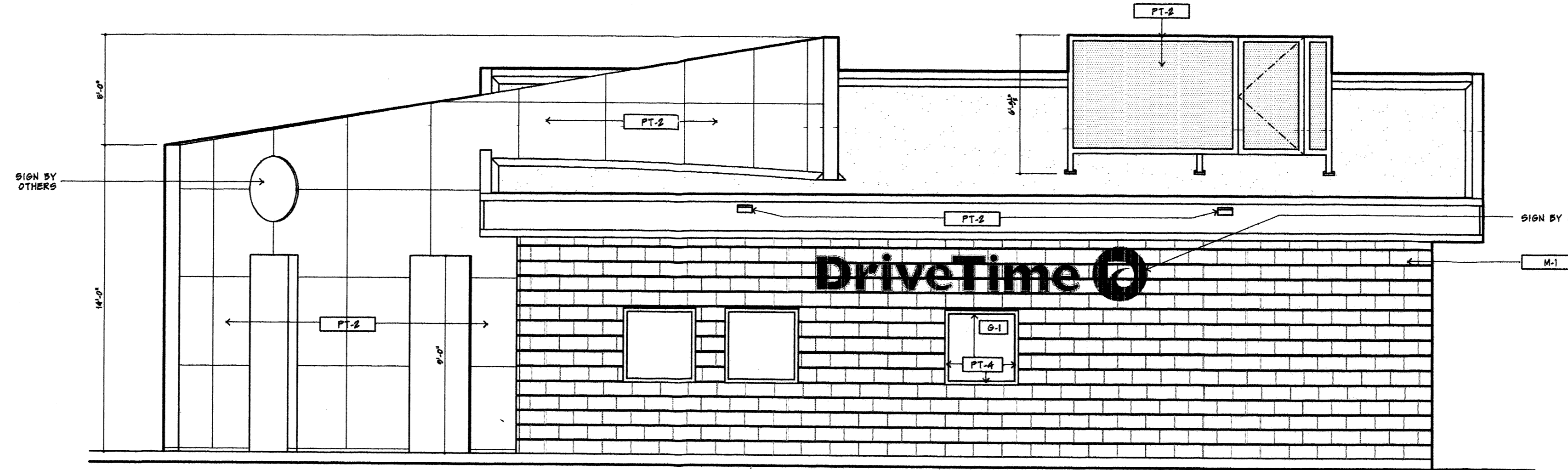
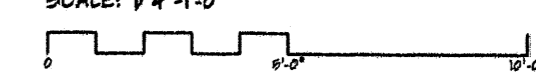
PROJECT 1003371  
 ALBUQUERQUE  
 NEW MEXICO  
 CITY ENGINEER  
 DATE 08/08/2004  
 SHEET NUMBER C11



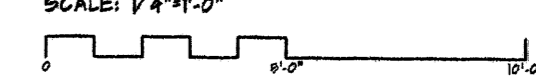
STEPHEN C. DAY ARCHITECT  
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FAX 808.860.9016  
CELL 808.409.7009  
STEPHENDAY@LOBO.NET



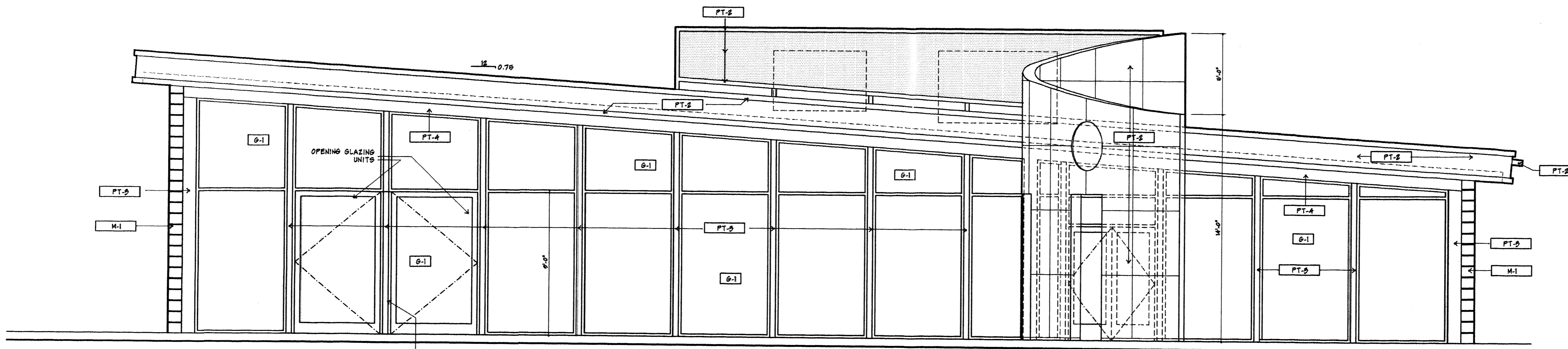
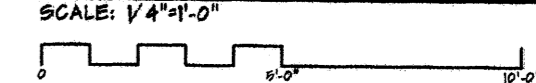
NORTH ELEVATION  
SCALE: 1/4"=1'-0"



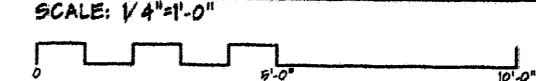
EAST ELEVATION  
SCALE: 1/4"=1'-0"



WEST ELEVATION  
SCALE: 1/4"=1'-0"



SOUTH ELEVATION  
SCALE: 1/4"=1'-0"



NEW MEXICO  
COMMERCIAL  
FIXTURES  
INDUSTRIAL  
RESIDENTIAL  
COMMERCIAL  
TRAFFIC LIGHTS  
SIGNS  
PAINTS  
METALS

EXTERIOR COLOR AND MATERIAL

MASONRY VENEER  
M-1  
EXTERIOR MASONRY VENEER  
MFG: TENDRYTH INDUSTRIES  
SERIES: MESASTONE  
SIZE: 8"x16"x16" LHM  
COLOR: METROTICH WHITE  
FINISH: EXPOSED AGGREGATE  
LOCATION: REFER TO FLOOR PLAN, ELEVATIONS  
  
PT-2  
ITEM: AUTO BODY STYLE PAINT  
MFG: CUSTOM  
SHEEN: HIGH GLOSS  
COLOR: MATCH DRIVE TIME STANDARD GREEN  
LOCATION: REFER TO FLOOR PLANS  
NOTE: PAINT TO BE AN SHAMLED FINISH BAKED ONTO METAL PANELS  
NOTE: REFER TO DIVISION 9 METALS FOR ADDITIONAL INFORMATION  
  
DRIVE TIME STANDARD GREEN PAINT  
NOTE: ALL PAINT SHALL MATCH FORMULA AS SPECIFIED  
MFG: PITTSBURGH PAINTS  
STYLE: PTH 20-477  
GALLON FORMULATION:  
S-36  
D-3584  
G-9726  
W-25  
NOTE: COORDINATE PAINT SHEEN WITH DRIVE TIME TENANT  
  
PT-3  
ITEM: ACCENT  
MFG: ICI  
SHEEN: GLOSS BLACK  
LOCATION: REFER TO FLOOR PLAN AND EXTERIOR ELEVATIONS  
  
PT-4  
ITEM: ACCENT  
MFG: ICI  
SHEEN: LIGHT GRAY  
MATCH EXTERIOR CMU  
LOCATION: REFER TO FLOOR PLAN AND EXTERIOR ELEVATIONS  
EXTERIOR GLAZING  
G-1  
ITEM: EXTERIOR WINDOW GLAZING  
MFG: PFG INDUSTRIES  
PRODUCT: PFG SOLARCOOL GRAY (S)  
FLOAT GLASS

DATE REVISIONS

SHEET NUMBER  
A1

START TIME=0.0  
 DRIVE TIME ON ALAMEDA GFD PLAN  
 FILE: C:\HYDRO\DRIVE.DAT JULY 20, 2004 BY:AMY  
 100-YEAR 6-HOUR STORM EVENT  
 RAINFALL TYPE=1 RAIN QUARTER=0.0 IN  
 RAIN ON=2.10 IN RAIN SIX=2.45 IN  
 RAIN DAY=2.80 IN DT=0.03333 HR  
 PROPOSED CONDITIONS - BASIN A  
 COMPUTE NH HYD ID=1 HYD NO=100.00 AREA=0.00153 SQ MI  
 PER A=00.00 PER B=38.00 PER C=00.00 PER D=62.00  
 TP=0.1333 HR MASS RAINFALL=1  
 ID=1 CODE=1  
 PRINT HYD \*\*\*\*\*  
 EXISTING OFFSITE CONDITIONS - BASIN B  
 COMPUTE NH HYD ID=2 HYD NO=200.00 AREA=0.00021 SQ MI  
 PER B=100.00 PER B=00.00 PER C=00.00 PER D=0.00  
 TP=0.1333 HR MASS RAINFALL=1  
 ID=2 CODE=1  
 PRINT HYD \*\*\*\*\*  
 ADD HYD ID=3 HYD=300 ID I=1 ID II=2  
 ID=3 CODE=1  
 PRINT HYD \*\*\*\*\*  
 ROUTE RESERVOIR ID=4 HYD NO=400.00 INFLOW=1 CODE=5  
 OUTFLOW(CFS) STORAGE(AC FT) ELEV(FT)  
 0.0 0.0 56.6  
 0.44 0.025 57.0  
 1.27 0.076 57.5  
 1.74 0.106 58.0  
 PRINT HYD ID=4 CODE=1  
 \*\*\*\*\*

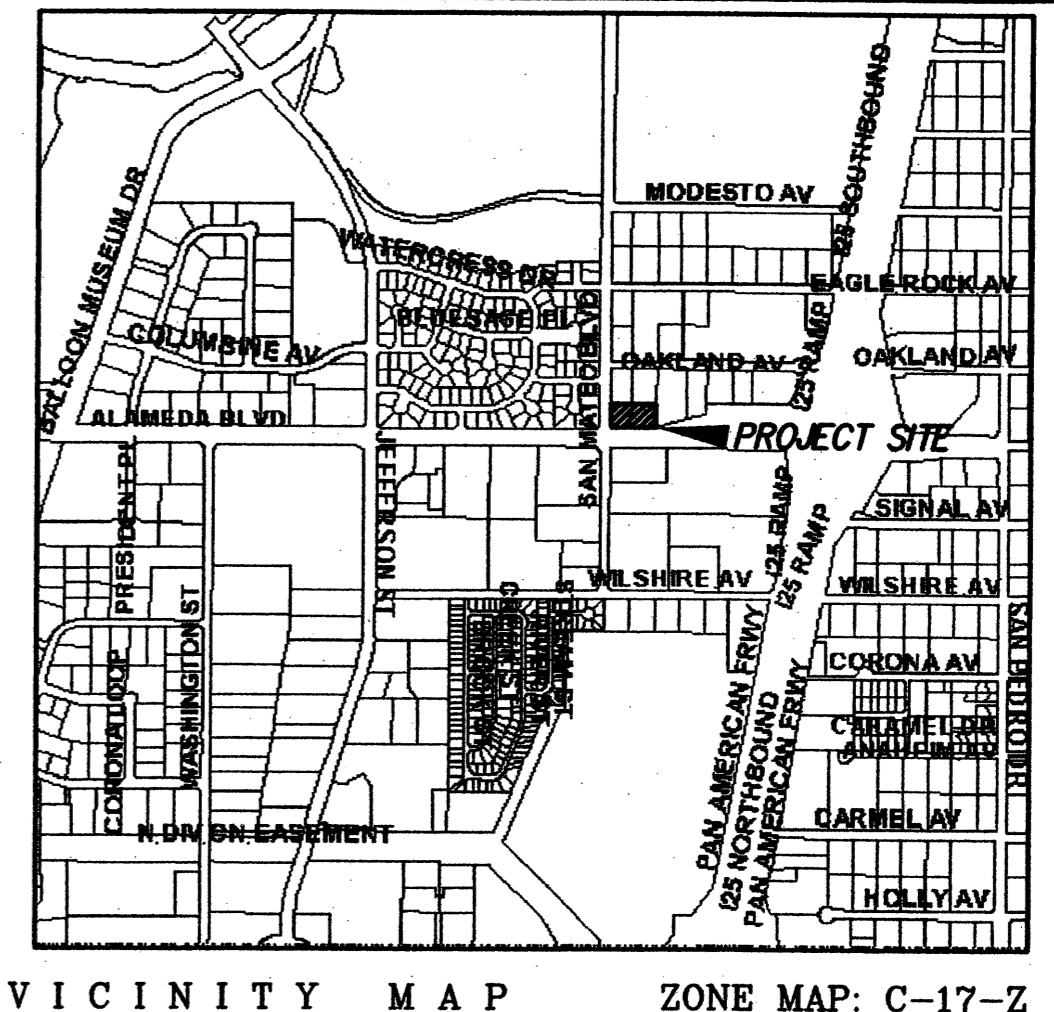
COURSE	HYDROGRAPH ID	ID	NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	ROOF TOP VOLUME (AC-FT)	ROOF TOP (ELEV)	TIME TO PEAK (HOURS)	CFS PER AC	PAGE
START										
COMPUTE NH HYD		1	1	0.00153	4.93	275	1.69762	1.500	3.287	PER THP
ADD HYD		2	2	0.00021	0.24	0.001	0.89284	1.533	1.792	PER THP
ROUTE RESERVOIR		4	4	0.00193	1.14	1.81	1.58916	1.500	1.769	AC-FT

**HYDROLOGY NOTES**

THE SOUTHWEST CORNER OF THIS SITE IS IN THE 100 YEAR FLOOD PLAIN, ZONE AG, PER F.L.R.M. MAP PANEL 137 DATED 11/19/03. THE BUILDING WILL NOT BE WITHIN THE FLOODPLAIN. A DETENTION POND WILL BE ALONG THE WEST & SOUTH SIDES OF THE SITE.  
 THIS SITE ( BASIN "A") IS 1.23 AC. PER AHYMO, THE DEVELOPED FLOW IS 4.93 cfs FOR 62% TYPE "D" & 38% TYPE "B". NO FLOW IS COMING FROM THE NORTH, SOUTH, OR WEST. 0.24 cfs IS COMING FROM THE EAST (BASIN "B") FOR 100% TYPE "A".  
 PER THE "OAKLAND AVENUE DRAINAGE PLAN" BY JEAN BORDENAVE, 1996, THIS SITE IS IN BASIN "A3", WHICH IS ALLOWED TO DISCHARGE 1.78 cfs/AC. AS A RESULT, THE TOTAL ALLOWABLE DISCHARGE FOR THE COMBINED BASINS IS 2.42 cfs.  
 PONDING IS NECESSARY TO KEEP THE DISCHARGE BELOW 2.19 cfs. THE ACTUAL DISCHARGE TO SAN MATEO IS 1.47 cfs. THE POND WILL DISCHARGE THRU AN 8" PVC PIPE TO A SIDEWALK CULVERT, TO A 1.5' WIDE CONCRETE CHANNEL, AND FINALLY TO SAN MATEO. THE WATER WILL FLOW NORTH TO INLETS IN SAN MATEO.

**NOTES**

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND METTING THE SOIL TO KEEP IT FROM BLOWING.
- THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.



VICINITY MAP ZONE MAP: C-17-Z

**LEGAL DESCRIPTION**

LOT 31-A, BLOCK 11, TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES, SITUATE WITHIN THE ELENA GALLEGOS GRANT, PROJECTED SECTION 13, TOWNSHIP 11 NORTH, RANGE 3 EAST, N.M.P.M., CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

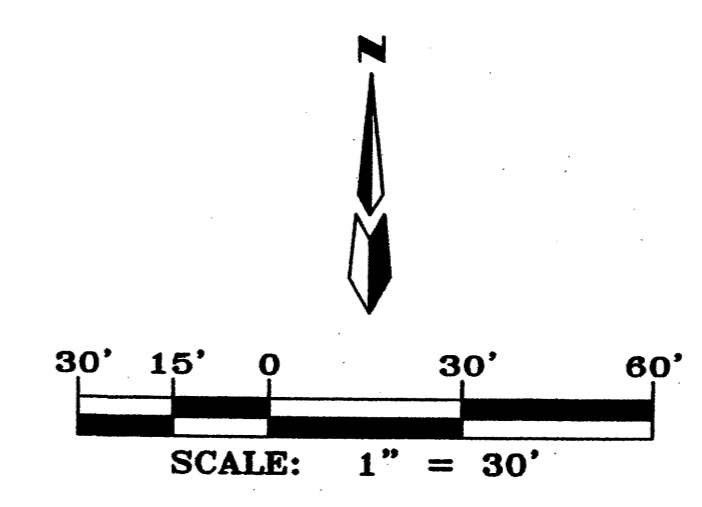
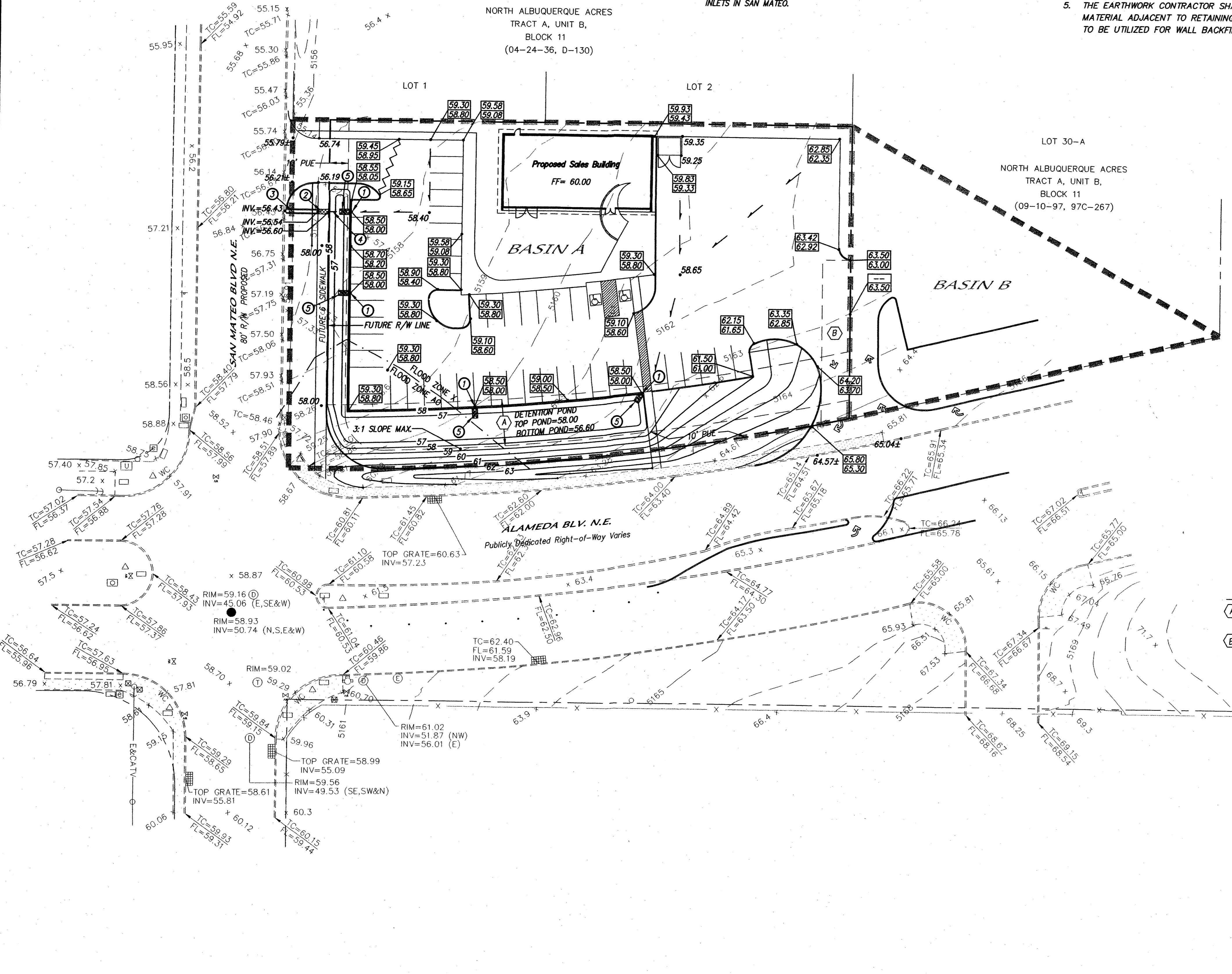
**KEYED NOTES**

- PROPOSED 1' WIDE CURB OPENING.
- PROPOSED 1.5' WIDE SIDEWALK CURVEVERT.
- PROPOSED 1.5' WIDE CONCRETE RUNDOWN.
- PROPOSED 4' LONG, 8" PVC PIPE.
- 3' WIDE x 6' LONG x 1' DEEP, 4"-6" RIP-RAP PAD.

**LEGEND**

	489.3	EXISTING CONTOUR (MAJOR)
	489.5	EXISTING CONTOUR (MAJOR)
	00.00	EXISTING SPOT ELEVATION
		EXISTING CONCRETE CURB
	TC=64.77 FL=64.30	EXISTING TOP OF CURB ELEVATION EXISTING FLOWLINE ELEVATION
		EXISTING CONCRETE/SIDEWALK
		EXISTING FENCE
		EXISTING SIGN
		EXISTING STREET LIGHT
		EXISTING TRAFFIC LIGHT
		EXISTING SIGNAL PULLBOX
		EXISTING STORM SEWER MANHOLE
		EXISTING DROP INLET (38' LONG)
	48.00	PROPOSED SPOT ELEVATION
	47.50	PROPOSED TOP CURB ELEVATION PROPOSED FLOWLINE ELEVATION
	5.0%	PROPOSED FLOW DIRECTION
		NEW CONCRETE CURB
		NEW BASIN BOUNDARY LINE

- EASEMENTS**
- (A) 25' PUBLIC WATER & SANITARY SEWER EASEMENT.
  - (B) 15' WIDE PRIVATE ACCESS EASEMENT GRANTED TO LOT 30-A FOR THE BENEFIT OF LOT 30-A.

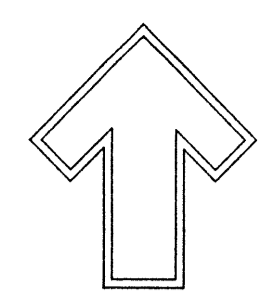


AS BUILT INFORMATION		
CONTRACTOR	DATE	NO.
BENCH MARKS		
WORK REFERRED TO	DATE	NO.
SURVEY INFORMATION		
FIELD NOTES	DATE	NO.
ENGINEER'S SEAL		
NO.	DATE	REVISIONS
DESIGNED BY	DATE	
DRAWN BY	DATE	
CHECKED BY	DATE	

	MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539
<b>CITY OF ALBUQUERQUE</b> <b>PUBLIC WORKS DEPARTMENT</b>	
<b>TITLE:</b> <b>DRIVETIME GRADING &amp; DRAINAGE PLAN</b>	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.
SHEET	OF
C-17-Z	1 1





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7909 Edith N.E.  
Albuquerque, NM 87184  
Ph. (505) 886-9690  
Fax (505) 886-7737  
j@hilltoplandscaping.com

LANDSCAPE ARCHITECT'S SEAL

JAMES DE FLON #0007

DRIVE TIME  
LANDSCAPE PLAN











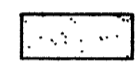
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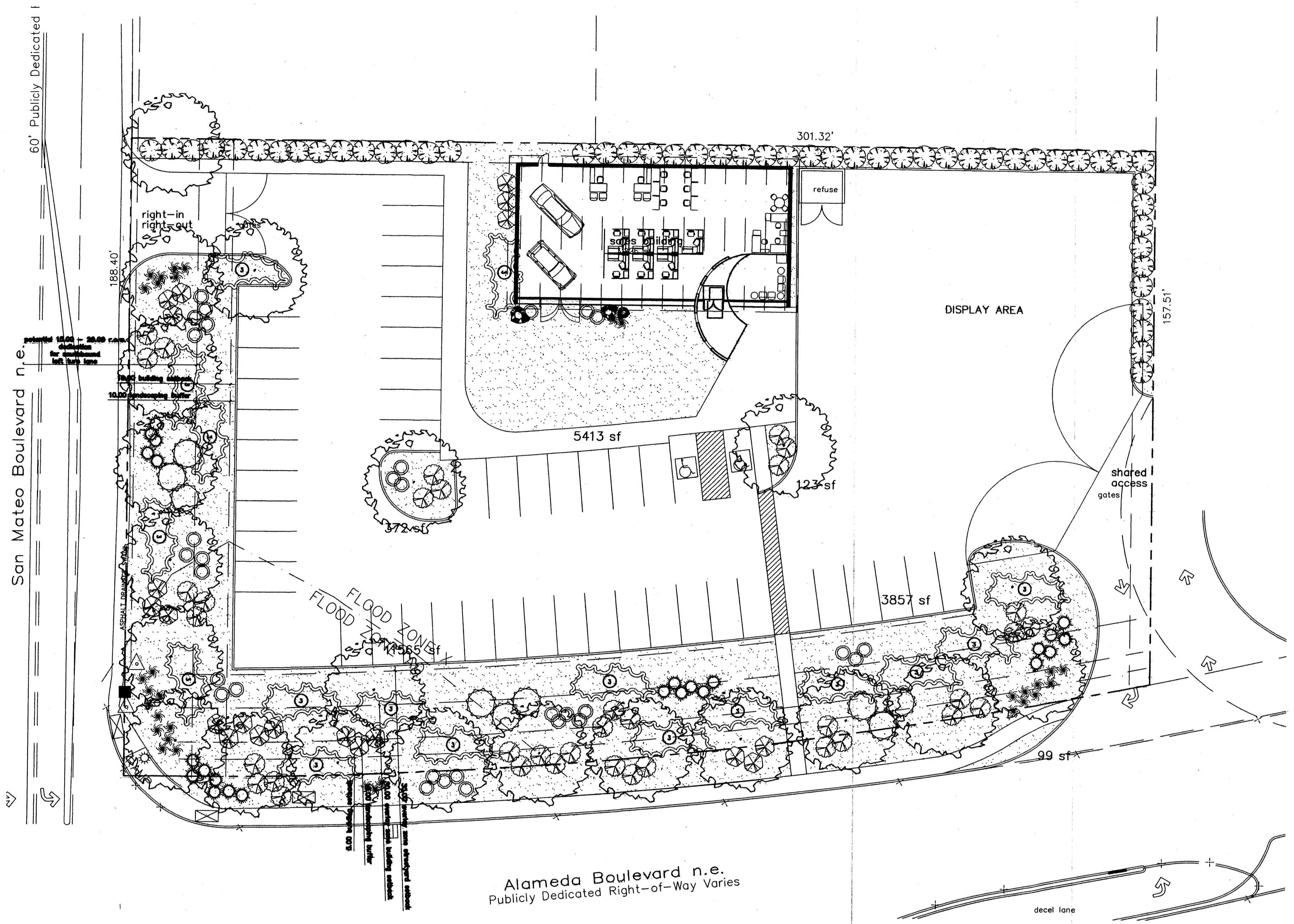


DRAWN BY js  
REVISION # 1  
DATE 9-18-03

SHEET #  
L1 OF L1

### PLANT LEGEND

-  HONEY LOCUST (H) 21  
*Gleditsia triacanthos*  
2" Gal.
-  BIRD OF PARADISE (L) 9  
*Caesalpinia gilliesii*  
5 Gal. 100sf
-  INDIAN HAWTHORN (M) 20  
*Raphiolepis indica*  
5 Gal.
-  LENA BROOM (M) 24  
*Cytisus x 'Lena'*  
5 Gal.
-  COMPACT NANDINA 53  
CRANBERRY COTONEASTER  
*Nandina domestica 'Harbor dwarf'*  
*Cotoneaster apiculatus*  
5 Gal.  
Symbol indicates 3 plants
-  ROSEMARY (M) 31  
*Rosmarinus officinalis*  
2 Gal. 36sf
-  CHAMISA (L) 51  
*Chrysothamnus nauseosus*  
1 Gal. 25sf
-  HONEYSUCKLE (M) 36  
*Lonicera sempervirens*  
1 Gal. 144 sf  
Unstaked-Groundcover
-  THREADGRASS (L) 33  
*Stipa tenuisima*  
1Gal. 4sf
-  BOULDERS
-  3/4" GRAY GRAVEL WITH FILTER FABRIC



Alameda Boulevard n.e.  
Publicly Dedicated Right-of-Way Varies

**LANDSCAPE NOTES:**  
Landscape maintenance shall be the responsibility of the Property Owner.

It is the intent of this plan to comply with the City Of Albuquerque Water Conservation Landscaping and Water Waste Ordinance planting restriction approach.

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 Rio Rancho 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.

3/4" Gray Gravel over Filter Fabric shall be placed in all landscape areas which are not designated to receive native seed.

#### STREET TREE REQUIREMENTS

Street trees required under the City Of Albuquerque Street Tree Ordinance are as follows:

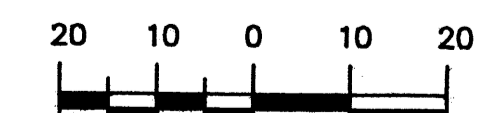
Name of Alameda Blvd.	Required 10	Provided 10
San Mateo Blvd.	Required 6	Provided 6

FINAL LANDSCAPING LAYOUT AND DESIGN TO BE DETERMINED UPON RECEIPT OF FINAL GRADING PLAN.

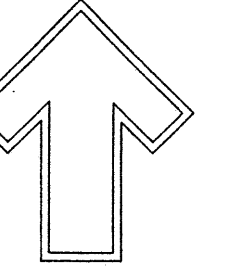
### LANDSCAPE CALCULATIONS

TOTAL LOT AREA	53735	square feet
TOTAL BUILDINGS AREA	3367	square feet
OFFSITE AREA	2397	square feet
NET LOT AREA	47971	square feet
LANDSCAPE REQUIREMENT	15%	
TOTAL LANDSCAPE REQUIREMENT	7196	square feet
CAR DISPLAY AREA	2523	square feet
TOTAL BED PROVIDED	18906	square feet
GROUNDCOVER REQ.	75%	square feet
TOTAL GROUNDCOVER REQUIREMENT	14180	square feet
TOTAL GROUNDCOVER PROVIDED	14220	square feet
TOTAL SOD PROVIDED	0	square feet
TOTAL NATIVE SEED PROVIDED	0	square feet
TOTAL LANDSCAPE PROVIDED	18906	square feet

#### GRAPHIC SCALE



SCALE: 1"=20'



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 Fax: (505) 898-7737  
 It@hilltoplandscaping.com

LANDSCAPE  
 ARCHITECT'S  
 SEAL

JAMES DE FLON  
 #0007

DRIVE TIME  
 IRRIGATION PLAN

All creative ideas contained herein remain the property of The Hilltop Landscaping Architects and Contractors and are protected by copyright laws. This is an original design and must not be released or copied unless applicable fees have been paid or job order placed.

**The Hilltop**  
 LANDSCAPE ARCHITECTS & CONTRACTORS

DRAWN BY  
 js  
 REVISION #  
 1  
 DATE  
 9-18-03

SHEET #  
 L1 OF L1

**IRRIGATION LEGEND**

- C CONTROLLER, LOCATION TO BE DETERMINED IN FIELD
- PGA VALVE, LOCATION TBD IN FIELD
- LATERAL, SIZE PER PLAN (UNSIZE PIPE TO BE 3/4").
- ~~~~ DRIP LINE, SIZE PER PLAN (UNSIZE DRIP LINE TO BE 1/2").
- == SLEEVE, 2X PIPE TO BE SLEEVED.

**IRRIGATION NOTES:**

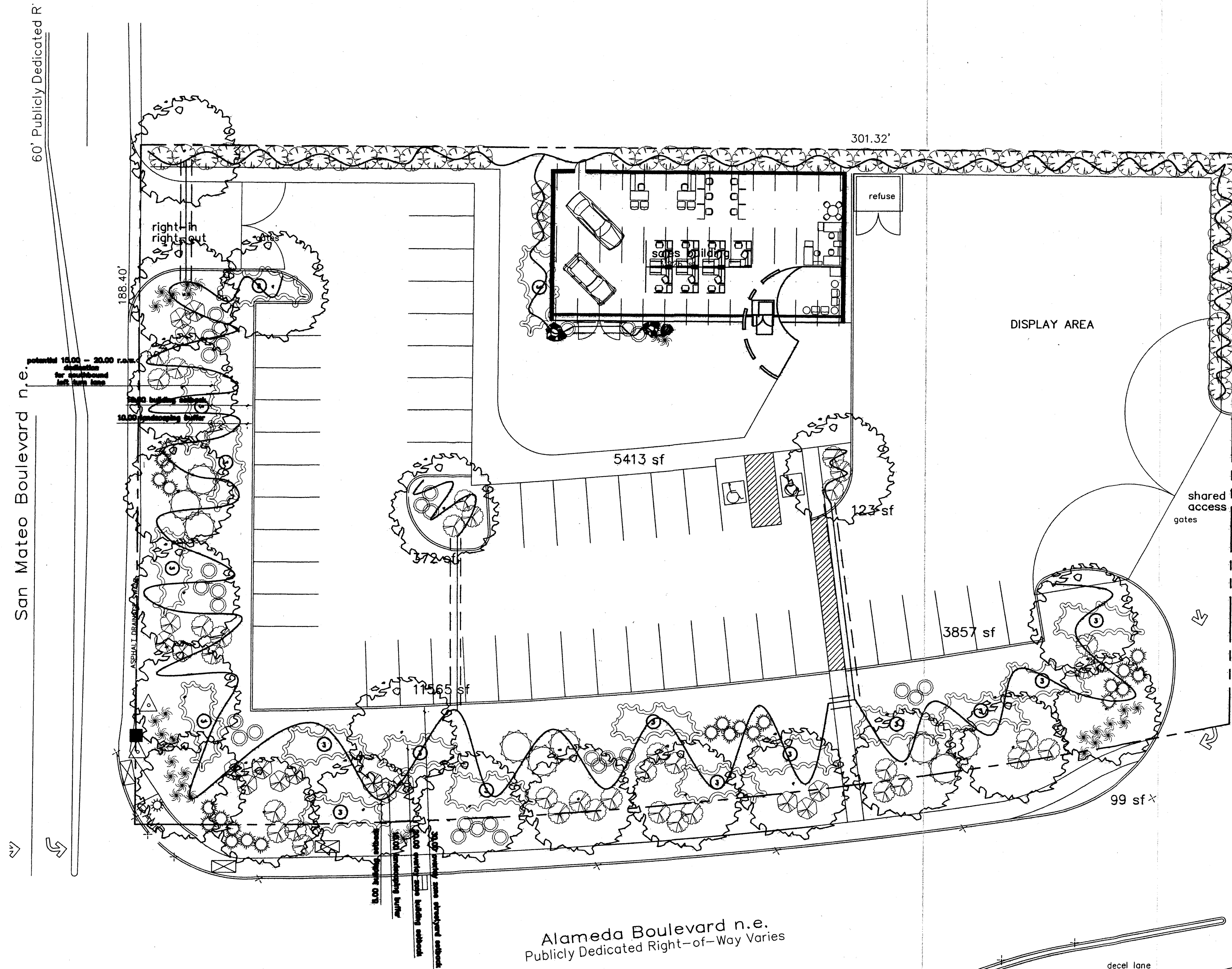
Irrigation shall be a complete underground system with Trees to receive (5) 1.0 GPH Drip Emitters and Shrubs to receive (2) 1.0 GPH Drip Emitters. Drip and Bubbler systems to be tied to 1/2" poly pipe with flush caps at each end.

Run time per each drip valve will be approximately 15 minutes per day, to be adjusted according to the season.

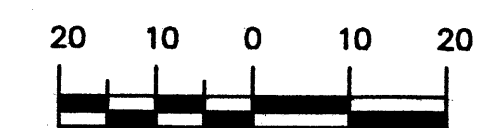
Point of connection for irrigation system is unknown at current time and will be coordinated in the field.

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

Irrigation maintenance shall be the responsibility of the Property Owner.



GRAPHIC SCALE



SCALE: 1"=20'

7/21/04

**Arm-Mounted Drop or Flat Lens Cutoff**

**Intended Use**  
For parking areas, street lighting, walkways and car lots.

**Features**  
Housing - Rugged, die-cast, soft-corner aluminum housing with 0.12" nominal wall thickness. Extruded 4" soft corner arm for pole or wall mounting is standard.

Door Frame - KAD die-cast door frame has impact-resistant, tempered glass lens which is fully gasketed with one-piece bonded tubular silicone. KAC die-cast aluminum door frame has prismatic, impact-resistant, tempered glass, drop dish acrylic lens or drop dish polycarbonate lens. Door frame is fully gasketed with one-piece tubular silicone.

Optics - KAD reflectors are anodized hydroformed and segmented aluminum. Four cutoff distributions available: R2 (Roadway), R3 (Asymmetric), R4 (Forward Throw) and R5 (Symmetric). Segmented reflectors are rotatable and field-interchangeable.

KAC reflector is optical-quality aluminum that works in tandem with a light-diffusing prismatic lens.

Electrical - Ballast is high-reactance, high power factor (70-150W HPS, 100M & 150M); or high power factor constant-wattage autotransformer (175-400W MH & HPS). Ballast is copper wound and 100% factory tested.

Finish - Dark bronze (DDB); corrosion-resistant polyester powder finish (DDB), with other architectural colors available.

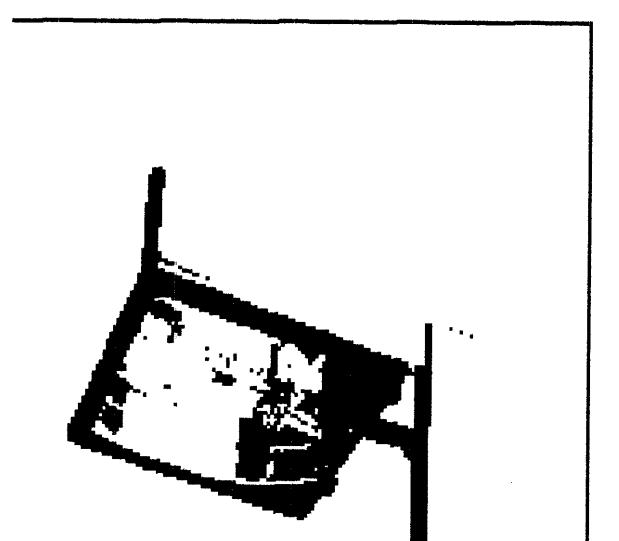
Socket - Porcelain, horizontally (position); oriented mogul-base socket (100M & 150M) are medium-base; with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W-600V, 4KV pulse rated.

Listings - UL Listed (standard), CSA Certified or NOM Certified (see Options). UL listed for wet locations. IP65 certified.

**Area Lighting**

**KAD**

**Contour®**



Example: KAD 400M R3 120 SPD09

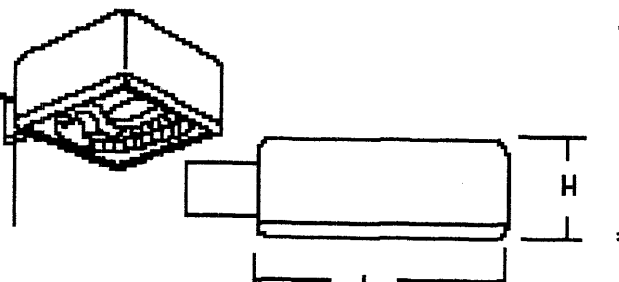
**Ordering Information**

Designation	Distribution	Voltage	Mounting	Options/Accessories
<b>High Pressure Sodium</b>	<b>KAD-Hydroformed Reflectors</b>	120	<b>Included</b>	<b>Installed</b>
KAD 70S	R2 Type II roadway	208 <sup>2</sup>	SPD04 4" square pole arm <sup>1</sup> std.	LPI Lamp included
KAD 100S	R3 Type III asymmetric	240 <sup>2</sup>	SPD09 9" square pole arm	SF Single fuse, 120V, 277V, 347V 1/2" TB1
KAD 150S	R4 Type IV forward throw, sharp cutoff	277	RPD04 4" round pole arm <sup>1</sup>	DF Double fuse, 208V, 240V, 480V 1/2" TB1
KAD 250S	R5S Type V square	347	RPD09 9" round pole arm <sup>1</sup>	PER NEMA twist-lock receptacle only, no photocutoff
KAD 400S	R5S Type V square	480 <sup>2</sup>	WWD04 4" wood pole or wall <sup>1</sup>	QRS Quartz retrace system 125W max., 120V lamp not included <sup>2</sup>
<b>Metal Halide</b>	<b>Segmented Reflectors</b>	78 <sup>2</sup>	WWD09 9" wood pole or wall <sup>1</sup>	PD Power trap
KAD 100M	SR2 Type II asymmetric		WBD04 4" wall bracket	WTB Terminal block
KAD 150M	SR3 Type III asymmetric		WBD09 9" wall bracket	EC Emergency circuit
KAD 175M	SR4SC Type IV forward throw, sharp cutoff			SCWA Super CWA pulse start ballast 1/2" with any HPS, 100M or 175M
KAD 200M				CSA CSA Certified
KAD 250M				NOM NOM Certified (consult factory) For optional architectural colors, see page 48.
KAD 320M				<b>Shipped separately:</b>
KAD 350M				PE1 NEMA twist-lock PE 120V-240V
KAD 400M				PE3 NEMA twist-lock PE 1247V
				PE4 NEMA twist-lock PE 1400V
				PE7 NEMA twist-lock PE 1277V
				SC Shorting cap for PER option
				HS House-side shield (R2, R3, R4) (SR2, SR3)
				KADVG Vandal guard
				KADWG Wireguard

**NOTES:**  
1. Must be ordered with SCWA.  
2. Consult factory for availability in Canada.  
3. Optional ballast options: 120V, 208V, 240V, 277V, In Canada 120V, 277V, 347V. All options 120V/240V.  
4. SPD09, RPD09 or WWD09 must be used when luminaires are oriented down, down or down & side lighting pattern.  
5. CRST is available in select wattages. Consult factory.  
6. Only available with SPD, SR2, SR3, SR4 (S option).  
7. Must be ordered as an accessory.  
8. Includes mounting arm.

Dimensions are shown in inches (centimeters) unless otherwise noted.

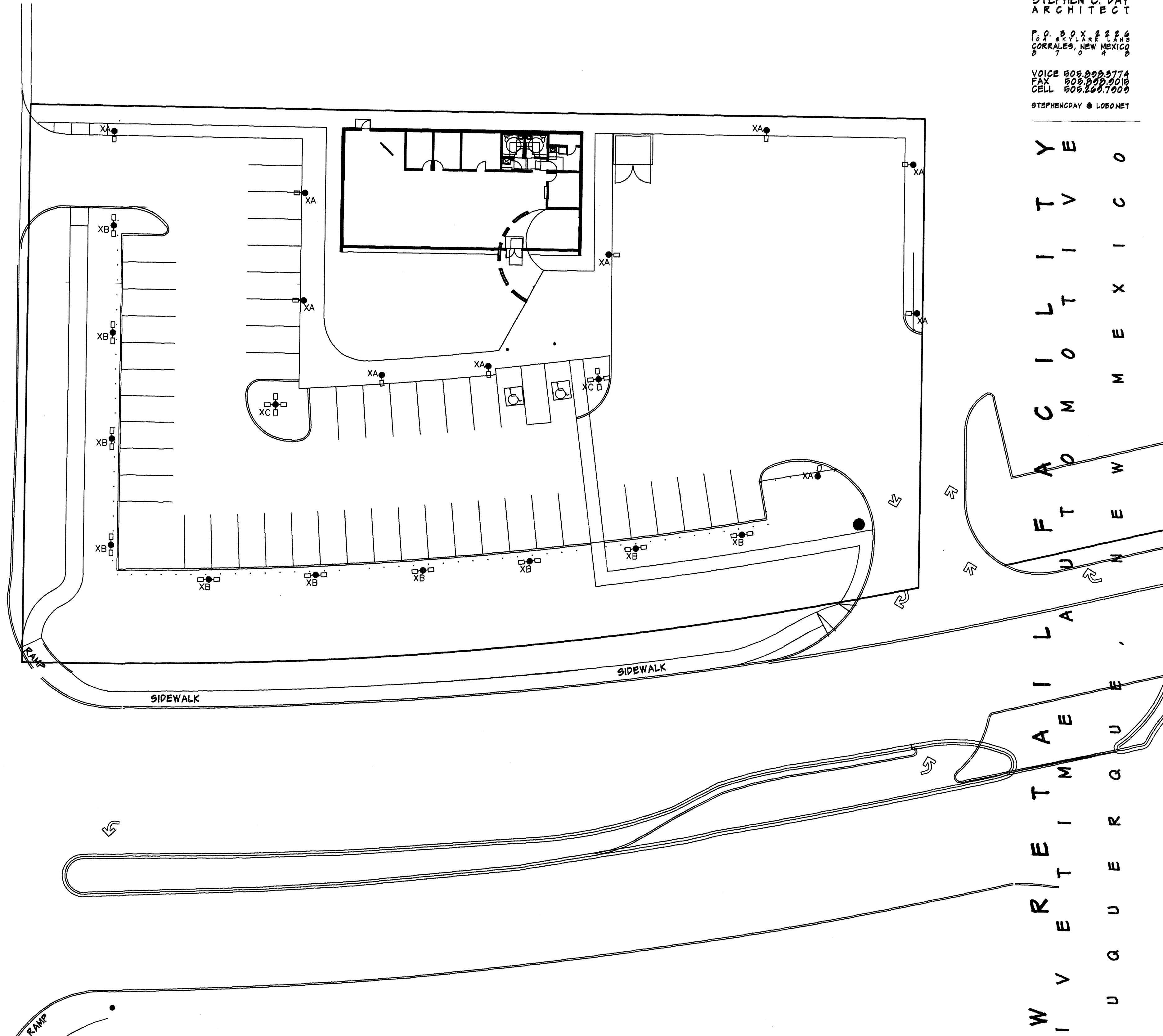
Designation	Height (H)	Width (W)	Weight
KAD	1.2 (31.1 mm)	17.1 (433 mm)	7.5 (18.1 lb)
SPD04	1.2 (31.1 mm)	4.1 (104 mm)	4.2 (9.3 lb)



Outdoor / PS08 431

LITHONIA LIGHTING

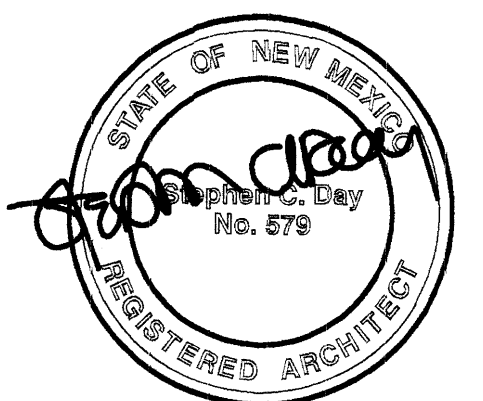
www.lithonia.com  
keyword: KAD-KAC



**LIGHT FIXTURE SCHEDULE**

FIXT. REF.	LAMPS (OSRAM/SYLVANIA) *			AMPS	FIXTURE MNFR.	CATALOG NO.	MOUNTING	DESCRIPTION
	TYPE	QTY.	VOLTS					
XA	MS400/HOR/BT28	1	208	2.30	LITHONIA	KAD 400M R3 208 DF LPI DDB HSS	CONCRETE BASE	METAL HALIDE POLE LIGHT, TYPE III WITH HOUSE SIDE SHIELD, SIDE ARM POLE MOUNT SHOEBOX LIGHT WITH FLAT GLASS CUTOFF LENS, BRONZE POWDER COAT FINISH, 18 FT. x 4" SQ. STEEL POLE
XB	MS400/HOR/BT28	2	208	4.60	LITHONIA	(2) KAD 400M R4 208 DF LPI DDB	CONCRETE BASE	(2) METAL HALIDE POLE LIGHTS @ 180 DEG. TYPE IV FORWARD THROW, SIDE ARM POLE MOUNT SHOEBOX LIGHTS WITH FLAT GLASS CUTOFF LENS, BRONZE POWDER COAT FINISH, 18 FT. x 4" SQ. STEEL POLE
XC	MS400/HOR/BT28	4	208	9.20	LITHONIA	(4) KAD 400M R5S 208 DF LPI DDB	CONCRETE BASE	(4) METAL HALIDE POLE LIGHTS @ 90 DEG. TYPE V SQUARE, SIDE ARM POLE MOUNT SHOEBOX LIGHT WITH FLAT GLASS CUTOFF LENS, BRONZE POWDER COAT FINISH, 18 FT. x 4" SQ. STEEL POLE

**SITE LIGHTING PLAN FOR BUILDING PERMIT**  
SCALE: 1/8"=1'-0"



STEPHEN C. DAY ARCHITECT

1000 P.O. Box 2222  
CORRALES, NEW MEXICO

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FAX 505.899.9018  
CELL 505.899.7000  
STEPHENDAY @ LOBO.NET

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