

LANDSCAPE CALCULATIONS

33655	square feet
6729	square feet
26926	square feet
15%	
4039	square feet
10900	square feet
75%	square feet
IT 8175	square feet
8251 (75%)	square feet
704 (6%)	square feet

11604 (43%) square feet
	6729 26926 15% 4039 10900 75% IT 8175 8251 (75%)

STREET TREE REQUIREMENTS

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

HARDSCAPES

OVERSIZED GRAVEL

FESCUE SOD WITH POP UP SPRINKLERS

SANTA FE BROWN GRAVEL

MITH FILTER FABRIC TO A MINIMUM DEPTH OF 3"

SANTA FE BROWN CRUSHER FINES WITH FILTER FABRIC TO A MINIMUM DEPTH OF 3"

& 6 BOULDERS

Name of Street: Alameda Blvd. NE Required #5 Provided #5

PARKING LOT TREE REQUIREMENTS

Shade trees required under the City Of Albuquerque Parking Lot Tree Ordinance are as follows:

1 Shade tree per 10 spaces Required #3 Provided #4

NOTE TO CLIENT:
Should The Hilltop not receive a Grading and
Drainage plan during the design process or the
on-site grades differ from the Grading and
Drainage plan received, The Hilltop reserves the
right to apply slope stabilization materials where the
specified gravel will not be suitable. Gravel smaller
than 2-4" cobblestone will not stay on a slope
greater than 3:1. If the grades are greater than what
was originally designed, we will request an infield
change-order to lay cobblestone or rip-rap, in lieu
of the specified gravel, to stabilize the slope. All
vegetative material shall remain per plan.

PLANT LEGEND

	A Correction A	All plants shall be sized per merican Standard for Nursery			SQUARE		
	5	Stock	INSTALLED SIZE	MATURE SIZE	WATER USE	FOOT COVERAGE	ALLERGY POTENTIAL
3	A STANDARD S	S AUTUMN PURPLE ASH 9 Fraxinus americana 'Autumn Purple'	12'-14' 2" Cal.	60' × 60'	M	-	Н
WIND WINDS	The state of the s	BUR OAK 3 Quercus macrocarpa	12'-14' 2" Cal.	50' × 60'	. M	-	м
The state of the s	THE THE PARTY OF T	VITEX 11 Vitex agnus-castus	5' 15 Gal.	20' × 20'	М	225	L
	DESERT ACCENTS	5					
	*	BEARGRASS 5 Nolina microcarpa	18"-3' 5 Gal.	4' × 5'	L+	36	L
	SHRUBS/ORNAME	ENTAL GRASSES					
	FIVE GAL.		4011 01				
	が発	BROOM BACCHARIS 1 Baccharis sarothroides	18"-3' 5 <i>Ga</i> l.	10' x 10'	L+	100	L
		LITTLELEAF SUMAC 4 Rhus microphylla	18"-3' 5 Gal.	8' × 9'	L+	81	L
		APACHE PLUME 13 Fallugia paradoxa	18"-3' 5 <i>G</i> al.	6' × 7'	L	49	L
	*	MAIDENGRASS 3 Miscanthus sinensis	18"-3' 5 Gal.	5' × 5'	М	25	L
	ONE GAL .						
		CHAMISA 9 Chrysothamnus nauseosus	3"-15" 1 <i>G</i> al.	5' × 5'	L	25	L
		PONIS CASTLE SAGE 10 Artemisia X Powis Castle	3"-15" 1 <i>Ga</i> l.	2' × 5'	L+	25	L
		TURPENTINE BUSH 8 Ericameria laricifolia	3"-15" 1 <i>G</i> al.	3' × 4'	L+	16	L
	₹ 3	POTENTILLA 5 Potentilla fruticosa	3"-15" 1 <i>Ga</i> l.	3' × 3'	м	9	M+
	*	THREADGRASS 27 Stipa tennuisima	3"-15" 1 <i>Ga</i> l.	2' × 2'	м	4	L
		MILDFLOWER 26	3"-15" 1 <i>Ga</i> l.	2' × 2'	Varies	4	L
GR	OUNDCOVERS						
		HONEYSUCKLE 25 Lonicera japonica 'Halliana' Unstaked-Groundcover	3"-15" 1 <i>Ga</i> l.	3' × 12'	М	144	L

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SO Figure 1600 riogrande

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NEW OFFICES FOR:

DR. JAMES TWOHIG D.D.S.

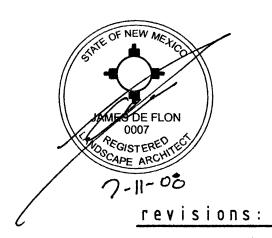
DR. MARYROSE TWOHIG D.D.S.

ALBUQUERQUE, NEW MEXICO

7441 ALAMEDA BLVD. NE

1600 riogrande nwalbuque rque new mexico 87104 5052460870 fax 5052460437 slagle herr.com

LANDSCAPING PLAN



5 7-11-08 rmc revised site plan

4 5-29-08 rmc comment & revised site plan

5-8-08 rmc comments

4-30-08 cmj comments

 $\sqrt{1}$ 4-28-08 rmc comments

LANDSCAPE ARCHITECTS & CONTRACTORS

Cont. Lic. #26458

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cmj@hilltoplandscaping.com
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date: 07/15/08 sheet: L001

STREET TREE REQUIREMENTS

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Name of Street: Alameda Blvd. NE Required #5 Provided #5

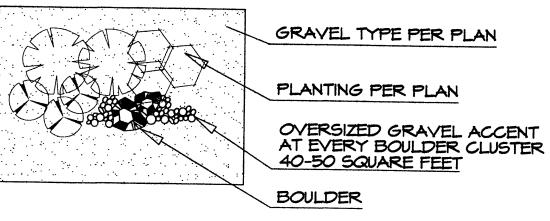
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GENERAL NOTES:

TO PREVENT TREE FROM SETTLING.

2. TOP OF ROOTBALL INDICATED LEVEL AT WHICH TREE WAS GROWN AND DUG; THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE INSTALLED; THAT LEVEL MAY BE EXCEEDED BY ONLY A ONE INCH LAYER OF SOIL. 3. PRIOR TO BACKFILLLING TREE, ALL MIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE

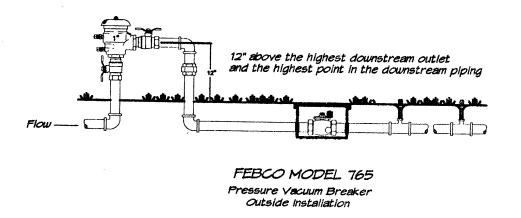
CONSTRUCTION NOTES:

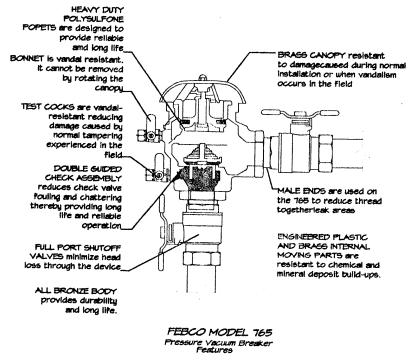
- A. TREE
- B. BACKFILL WITH EXISTING SOIL.

GRAVEL ACCENT DETAIL

Tree Trunk Root Ball Emitter-12" o.c.

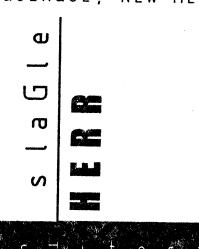
Netafim Spiral Detail





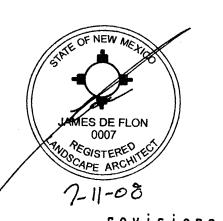
NEW OFFICES FOR: DR. JAMES TWOHIG D.D.S. DR. MARYROSE TWOHIG D.D.S.

7441 ALAMEDA BLVD. NE ALBUQUERQUE, NEW MEXICO

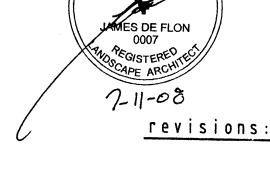


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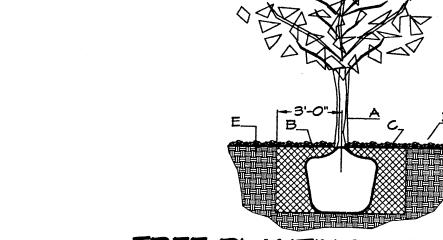
LANDSCAPING DETAILS



LANDSCAPE ARCHITECTS & CONTRACTORS Cont. Lic. #26458 7909 Edith N.E. Albuquerque, NM 87184 Ph. (505) 898-9690 Fax (505) 898-7737 cm j@hilltoplandscaping.com All creative ideas contained Herein remains the property of The Hilltop Landscape Architects and Contractors and are protected by copyright laws. This is an original design and must not be released or copied



date: 07/15/08 sheet:



TREE PLANTING DETAIL

1. ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL

TREE AND THE PLANTING PIT.

4. PRIOR TO BACKFILLING ALL BURLAP SHALL BE CUT AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.

- C. 3" DEPTH OF GRAVEL MULCH.
- D. UNDISTRUBED SOIL.

1. THE OUTSIDE DIAMETER OF THE WATER RETENTION BASIN SHALL BE TWICE THE DIAMETER OF THE SHRUB

PLANTING PIT. CONSTRUCTION NOTES:

SHRUB PLANTING DETAIL

A. SHRUB.

GENERAL NOTES:

- B. BACKFILL WITH EXISTING SOIL.
- C. EARTH BERM AROUND WATER RETENTION BASIN. D. 3" DEPTH OF GRAVEL MULCH.
- E. FINISH GRADE.
- F. UNDISTURBED SOIL.

LANDSCAPE NOTES:

Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain street trees in a living, healthy, and attractive condition.

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 Albuquerque Zoning Code, Street Tree Ordinance, Pollen Ordinance, and Water Conservation Landscaping and Water Maste 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.

Santa Fe Brown Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all landscape areas which are not designated to receive native seed.

IRRIGATION NOTES:

Irrigation shall be a complete underground system with Trees to receive 1 Netafim spiral (50' length) with 3 loops at a final radius of 4.5' from tree trunk, pinned in place. Netafim shall have emitters 12" o.c. with a flow of .6 gph. Shrubs to receive (2) 1.0 GPH Drip Emitters. Drip and Bubbler systems to be tied to 1/2" polypipe with flush caps at each end. Trees and shrubs shall be on separate

Run time per each shrub drip valve will be approximately 15 minutes per day. Tree drip valve shall run 1.5 hours, 3 times per week. Run time will 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.

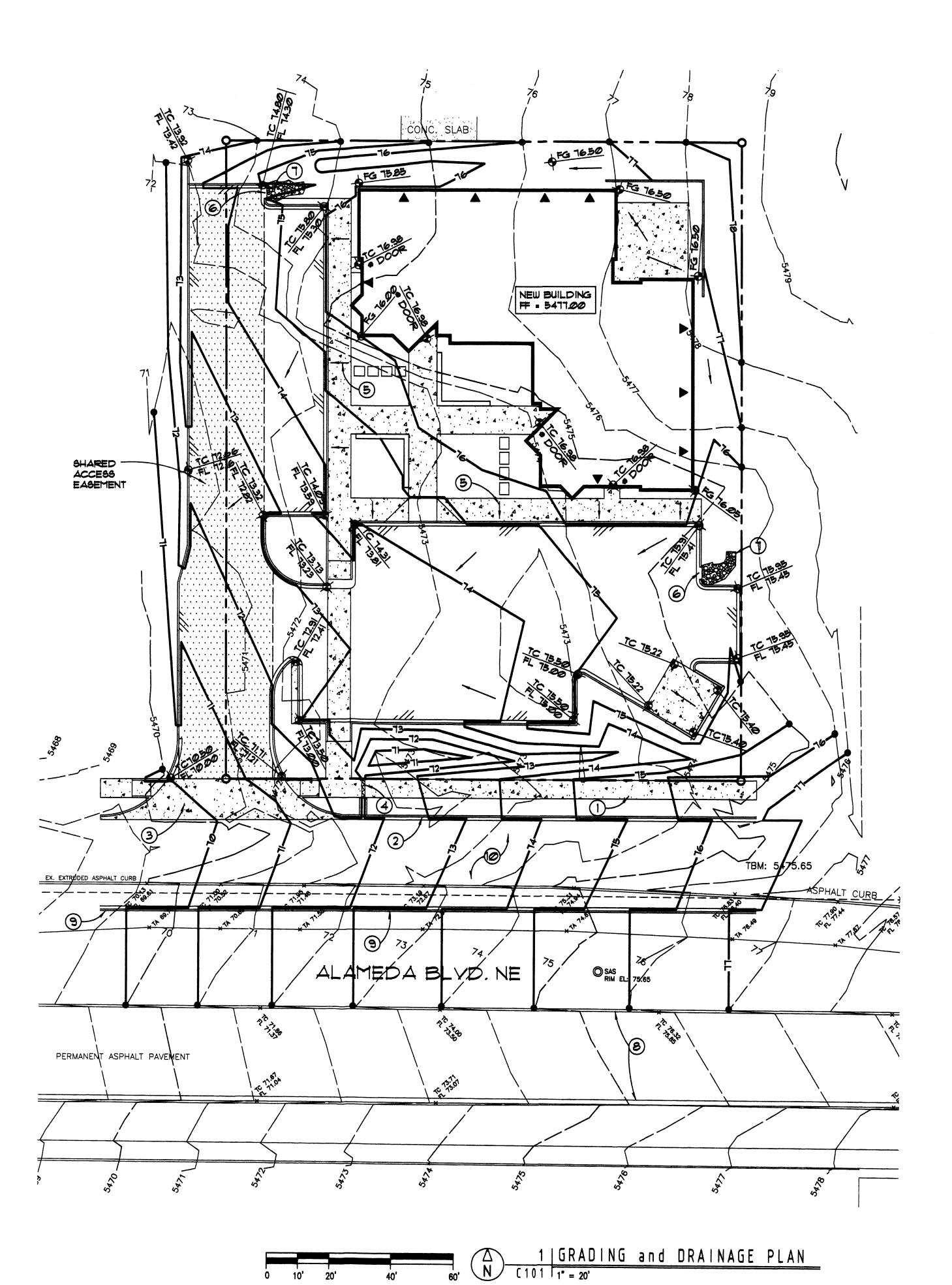
Water and Power source shall be the responsibility of the Developer/Builder.

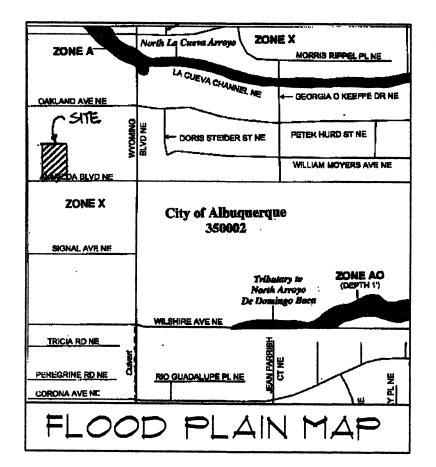
7-11-08 rmc revised site plan

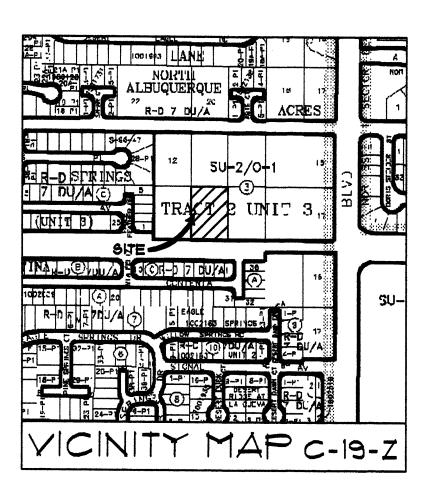
5-29-08 rmc comment & revised site plan 5-8-08 rmc comments

4-30-08 cmj comments

unless applicable fees have been paid or job order placed. All plants shall be sized per American Standard 4-28-08 rmc comments







LEGEND

	PROPERTY LINE
	NEW BUILDING LINE
- - 5473 - -	EXISTING CONTOUR
32.48	PROPOSED SPOT ELEVATI
x 75.31	EXISTING SPOT ELEVATION
	FLOW DIRECTION ARROW
F	FINISH FLOOR
tc	TOP OF CONCRETE
FG	FINISHED GRADE
	NEW CONCRETE PAYING
	EXTENT OF NEW PAYING

ROOF DRAIN LOCATION

GENERAL NOTES

THE SITE PROPERTY BOUNDARY REFLECTS APPROXIMATELY 32 FEET OF ADDITIONAL RIGHT OF WAY GIVEN UP BY THE OWNER ALONG ALAMEDA BLVD.

KEYED NOTES

- 4000 PSI CONCRETE SIDEWALK PER C.O.A. STANDARD DRAWING
- 4000 PSI CONCRETE CURB & GUTTER PER C.O.A. STANDARD DRAWING 12415.
- 4000 PSI CONCRETE DRIVE PAD PER C.O.A. STANDARD DRAWING
- 4 12" SIDEWALK CULVERT PER C.O.A. STANDARD DRAWING *2236
- 5 2% CROSS SLOPE AT SIDEWALKS
- 6 4' WIDE BREAK IN THE CURB TO ALLOW DRAINAGE INTO THE PAVED
- 7 5'x15'x8" DEEP DESILTING GRAVEL (4"-6") RUNDOWN.
- 8 EXISTING CURB & GUTTER IN ALAMEDA BLYD.
- 9 FUTURE MEDIAN CURB TO BE INSTALLED THRU SEPARATE CONTRACT PER WORK ORDER PROCESS.
- 10 ARTERIAL PAVING 4 OTHER IMPROVEMENTS IN THE PUBLIC RIGHT OF WAY WILL BE CONSTRUCTED THROUGH THE C.O.A. WORK ORDER PROCESS. THE GRADES INDICATED ON THIS PLAN CONFORM 4
 COMPLY WITH THE ESTABLISHED AND CONSTRUCTED PROFILE
 PREPARED BY ISAACSON 4 ARTMAN IN 2003.



LEGAL DESCRIPTION

LOT NUMBERED TWENTY (20) IN BLOCK NUMBERED THREE (3) OF NORTH ALBUQUERQUE ACRES, TRACT 2, UNIT 3, ALBUQUERQUE, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON SEPTEMBER 10, 1931 IN PLAT BOOK DI, FOLIO 20.

BENCHMARK

BASIS OF ELEVATIONS: ACS MONUMENT "1-B20" LOCATED AT THE NORTHEAST CORNER OF BARSTOW STREET, NE AND MODESTO AVENUE, NE ELEVATION: 5477,179 (NAVD 88)

TBM: SE CORNER OF PROPERTY, *4 REBAR W/CAP "WAYJOHN 14269", ELEY. 5475.65

DESIGN NARRATIVE

THIS SITE IS CURRENTLY AN UNIMPROVED, 0.777 ACRE SITE THAT SLOPES FROM NORTHEAST TO SOUTHWEST WITH A TOTAL ELEVATION DIFFERENCE OF APPROXIMATELY 1 FEET. THERE IS A SMALL AMOUNT OF OFFSITE RUNOFF THAT IS CONVEYED ACROSS THE PROPERTY FROM THE EAST. SURCHARGE RUNOFF, BOTH OFFSITE AND FLOWS DEVELOPED ONSITE, CURRENTLY RUNS TO ALAMEDA BLVD. AND IS DIRECTED TO DOWNSTREAM FACILITIES WHICH INCLUDE SURFACE CURB AND GUTTER IN THE ARTERIAL ROAD WEST OF THIS SITE. THE PROPOSED DEVELOPMENT WILL MAINTAIN THIS DRAINAGE SCHEME, DIRECTING SURFACE RUNOFF TO FACILITIES IN ALAMEDA BLYD. NO SIGNIFICANT RUNOFF DEVELOPED ONSITE WILL BE DIRECTED TO ADJACENT PROPERTY BUT WILL BE DEPOSITED INTO ALAMEDA BLVD. VIA THE SHARED ACCESS DRIVE ENTRANCE ON THE WEST SIDE OF THE SITE. ONSITE PONDING AT THE SOUTH END OF THE SITE WILL INTERCEPT OFFSITE FLOWS AND REDUCE DEVELOPED RUNOFF IMPACT IN ALAMEDA BLVD. THIS DESIGN COMPLIES WITH THE STREET PROFILE OF ALAMEDA BLVD. PREPARED BY ISAACSON & ARFMAN FOR THE TREMENTINA SUBDIVISION IN 2003. RECENT DRAINAGE IMPROVEMENTS IN WYOMING BLVD. ELIMINATE UPSTREAM FLOWS AFFECTING ALAMEDA AND THEREFORE ALLOW FOR FREE DISCHARGE FROM THE SUBJECT SITE TO FACILITIES IN ALAMEDA BLYD. THERE IS NO NEED TO EXTEND FURTHER STORM DRAIN LINES IN ALAMEDA BLVD. TO SERVICE THIS

HYDROLOGY CALCULATIONS

DESIGN	STORM: (II	4)			lhr	6hr	24hr	4day	10day
	CONDITION				2.14	2.60	3.10	3.95	4.90
LAND TRIMNT	AREA (ACRE)	AREA %	P6 (1	Q CF6/AC)	Q (CF5)	V6 (CF)	V24 (CF)	V4DAY (CF)	VIODAY (CF)
4 5 C D	0.000 0.777 0.000 0.000	0% 100% 0% 0%	0.66 0.92 1.29 2.36	1.87 2.60 3.45 5.02	0.00 2.02 0.00 0.00	0 2,595 0 0	0 2,595 0 0	0 2,595 0 0	0 2,595 0 0
TOTALS	דרד.ס	100%			2.02	2,595	2,595	2,595	2,595
PROPOS	ED COND	ITIONS							·
LAND TRIMNT	AREA (ACRE)	AREA %	P6	Q CF8/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4DAY (CF)	VIØDAY (CF)
A B C D	0.000 0.216 0.000 0.561	0% 28% 0% 72%	0.66 0.92 1.29 2.36	1.87 2.60 3.45 5.20	0.00 056 0.00 2.82	0 721 0 4,806	0 721 0 5,824	0 721 0 6,537	0 721 0 6,741
TOTALS	ררד.ס	100%			3.38	5,527	6,546	7,258	7,462

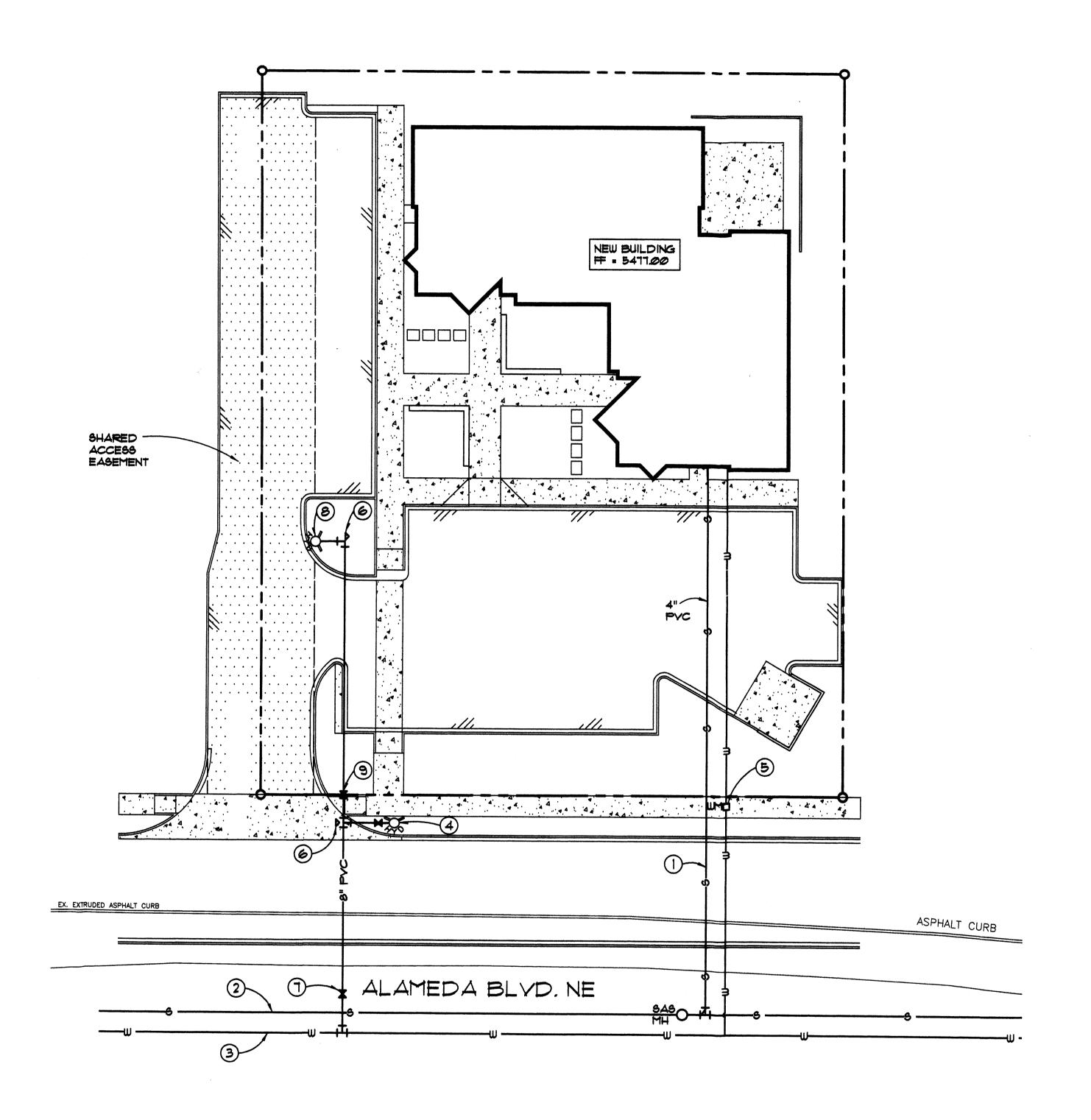


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GRADING and DRAINAGE PLAN



date: 09/03/08 sheet:



0 10' 20' 40' 60' N C 10 2 1" = 20'

KEYED NOTES

- NEW SEWER SERVICE
- 2 EXISTING 10" SANITARY SEWER LINE
- 3 EXISTING 8" WATER LINE
- 4 NEW FIRE HYDRANT WITH 6" & GATE VALVE PER C.O.A. STANDARD DRAWING *2326 AND *2333
- 5 NEW WATER METER PER C.O.A. STANDARD DRAWING 12361 AND 12362
- 6 BLOCKING AT MJ. FITTING PER C.O.A. STANDARD DRAWING *2320
- 7 8" OATE VALVE AND VALVE BOX PER C.O.A. STD. DRAWING *2340 4 *2333.
- 8 NEW FIRE HYDRANT.
- 9 NEW 6"+ GATE VALVE.



SANITARY SEWER MANHOLE

---- PROPERTY LINE



TWOHIG DENTAL OFFICE COMPLEX

7501 ALAMEDA BLVD. NE ALBUQUERQUE, NEW MEXICO



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SITE UTILITIES PLAN



date: 09/12/08 sheet: C102

