

Circular Channel Analysis & Design Solved with Manning's Equation

Worksheet Name: HEFLIN

Solve For Full Flow Capacity, 8" drains

Given Constant Data:
Diameter: 0.67
Slope: 0.0200
Manning's n: 0.013
Discharge: 1.73 CFS

COMPUTED

Diameter ft	Channel ft	Manning's n	Discharge cfs	Depth ft	Velocity fps	Full cfs
0.67	0.0200	0.013	1.73	0.67	4.81	1.73

Open Channel Flow Models, Version 3.12 (6)
Hewlett-Packard, Inc. 377 Broadway St., Waltham, MA 02455

NOTICE TO CONTRACTOR

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION, AS AMENDED THROUGH UPDATE #5.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 280-1980 FOR LOCATION OF EXISTING UTILITIES.
- BACKFILL AND COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER(S) OF THE PROPERTY SERVED.

PROPOSED COMPOUSERS SHOWN ARE TO FINISH SURFACES AND ARE PROVIDED FOR THE PURPOSE OF SHOWING FLOW ROUTING.
CONTRACTOR IS RESPONSIBLE FOR THE ABATEMENT OF SEDIMENT ONTO ADJOINING PUBLIC RIGHTS-OF-WAY DURING CONSTRUCTION AND FOR THE REMOVAL OF ALL SEDIMENT DEPOSITED IN PUBLIC RIGHT-OF-WAY.

CONTRACTOR SHALL OBTAIN A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO ANY GRADING OR CONSTRUCTION.

BENCH MARK

ACS STA 16-019
1-3/4" ALUMINUM DISK, STAMPED "ACS BM 16-019", EPOXY TO TOP OF CONCRETE BASE OF TRAFFIC LIGHT/SWEEPER LIGHT STANCHION IN TRAFFIC ISLAND, SW QUADRANT OF PASEO DEL NORTE AND WYOMING BLVD. NE, ON THE SW CORNER OF SAID BASE.

ELEV. 5391.40

T.B.M.

5/8" REBAR WITH PLASTIC CAP STAMPED "LS 7719" LOCATED ADJACENT TO SIDEWALK ON NW PROPERTY CORNER ON CARMEL AVENUE, NE.

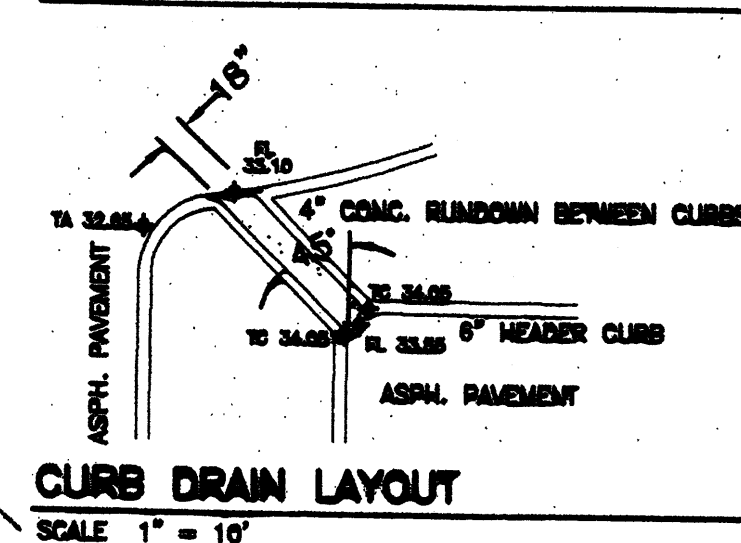
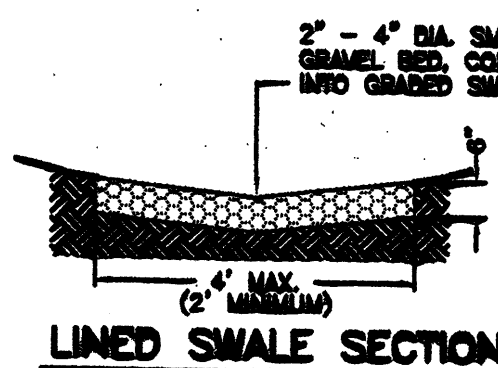
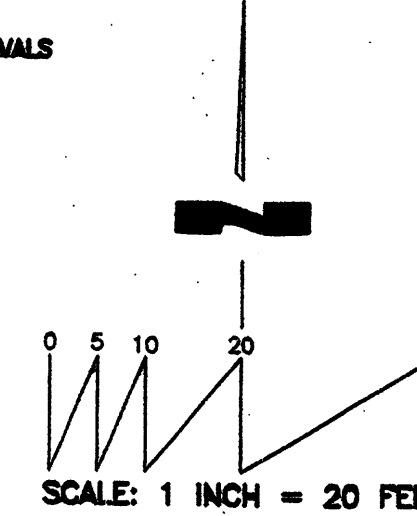
ELEV. 5434.87

LEGAL DESCRIPTION

Lot numbered Nine-A (9-A), LA CUEVA TOWN CENTER, as the same is shown and designated on a Map entitled "Lot 9-A, La Cueva Town Center and Lot 10-A, Block 20, Tract 2, Unit 3, North Albuquerque Acres", within the Basin Gallardo Grant, Albuquerque, Bernalillo County, New Mexico, filed in the office of the County Clerk of Bernalillo County, New Mexico on March 24, 2003 in Map Book 2003C, page 74.

LEGEND

- 5565- EXISTING INDEX CONTOURS @ 5' INTERVALS
- 85- EXISTING INTERMEDIATE CONTOURS @ 1' INTERVALS
- PROPOSED CONTOURS @ 1.0' INTERVALS
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- FLOW LINE
- PROPOSED CONCRETE SURFACING
- PROPOSED BUILDING
- EXISTING CHAIN LINK FENCE
- GRAVEL LINING - WIDTH VARIES
- 5' RADIUS AROUND INLET. SMALES MAY BE REINFORCED FOR SOFTER LANDSCAPING EFFECT.
- PROPOSED GARDEN WALL
- PROPOSED RETAINING WALL
- EXISTING CMU RETAINING WALL
- PERIMETER ROOF DRAIN LOCATIONS
- PLACE CONCRETE SPLASH BLOCK FLUSH TO GRADE
- AT UP BENEATH ALL CANALES DRAINING TO NON-PAVED SURFACES



EXISTING ON-SITE CONDITIONS

THIS SITE IS CURRENTLY A PARTIALLY IMPROVED LOT. THERE ARE NO BUILDINGS OR PAVED SURFACING. SITE HAS BEEN GRADED TO DRAIN TO A CONSTRUCTED DROP INLET FEEDING AN 18-INCH DRAIN. DRAIN WAS CONSTRUCTED AS PART OF MASTER PLAN FOR LA CUEVA TOWN CENTER AND LIES WITHIN A PLATTED 20-FOOT PRIVATE STORM DRAINAGE EASEMENT. ENTIRE LOT AND 0.15 ACRE OF ADJOINING CITY WELL SITE DRAIN TO THIS STRUCTURE. 40 ACRE OF THIS SITE EXCEEDS 10 PER CENT SLOPE, EXISTING.

TOTAL AREA OF SITE: 1.07 ACRES.

PROPOSED DEVELOPMENT

PROPOSED NEW DEVELOPMENT WILL CONSIST OF A DENTAL OFFICE, ASPHALT PAVED PARKING LOT/DRIVE AND LANDSCAPING. EASTERLY .30 ACRE OF LOT 9-A IS EXCLUDED FROM DEVELOPMENT, THIS PHASE.

STORMWATER ROUTING

ALL INTERNAL STORMWATER GENERATED WITHIN WILL BE DIRECTED TO AN EXISTING BOX DROP INLET LOCATED NEAR THE WEST LINE OF THIS PARCEL VIA BOTH SURFACE AND SUBSURFACE DRAIN LINES. THE BOX DRAINS AN AREA IDENTIFIED AS BASIN "D", LA CUEVA TOWN CENTER BASIN MAP AS INCLUDED IN THE MASTER DRAINAGE PLAN OF "WINDOW G", PREPARED BY TERRA WEST LLC, DATED APRIL 1990. (C19/D11)
BOX FEEDS AN EXISTING 18-INCH PVC LINE, BEING EASTERMOST EXTENSION OF THE PRIVATE STORM DRAIN SYSTEM FOR LA CUEVA TOWN CENTER. SYSTEM CONNECTS WITH PUBLIC STORMWATER DRAIN AT THE SOUTHEAST INTERSECTION OF CARMEL AVENUE AND WYOMING BOULEVARD, NE. PUBLIC DRAIN IS A 36" RCP WHICH DAYLIGHTS TO THE NORTH DOMINGO BACK ARROYO APPROXIMATELY 1/4 MILE NW OF THIS DEVELOPMENT. CALCULATIONS IN REPORT SHOW A Q_4 OF 5.26 CFS FOR ON-SITE DRAIN.

DRAINAGE DATA

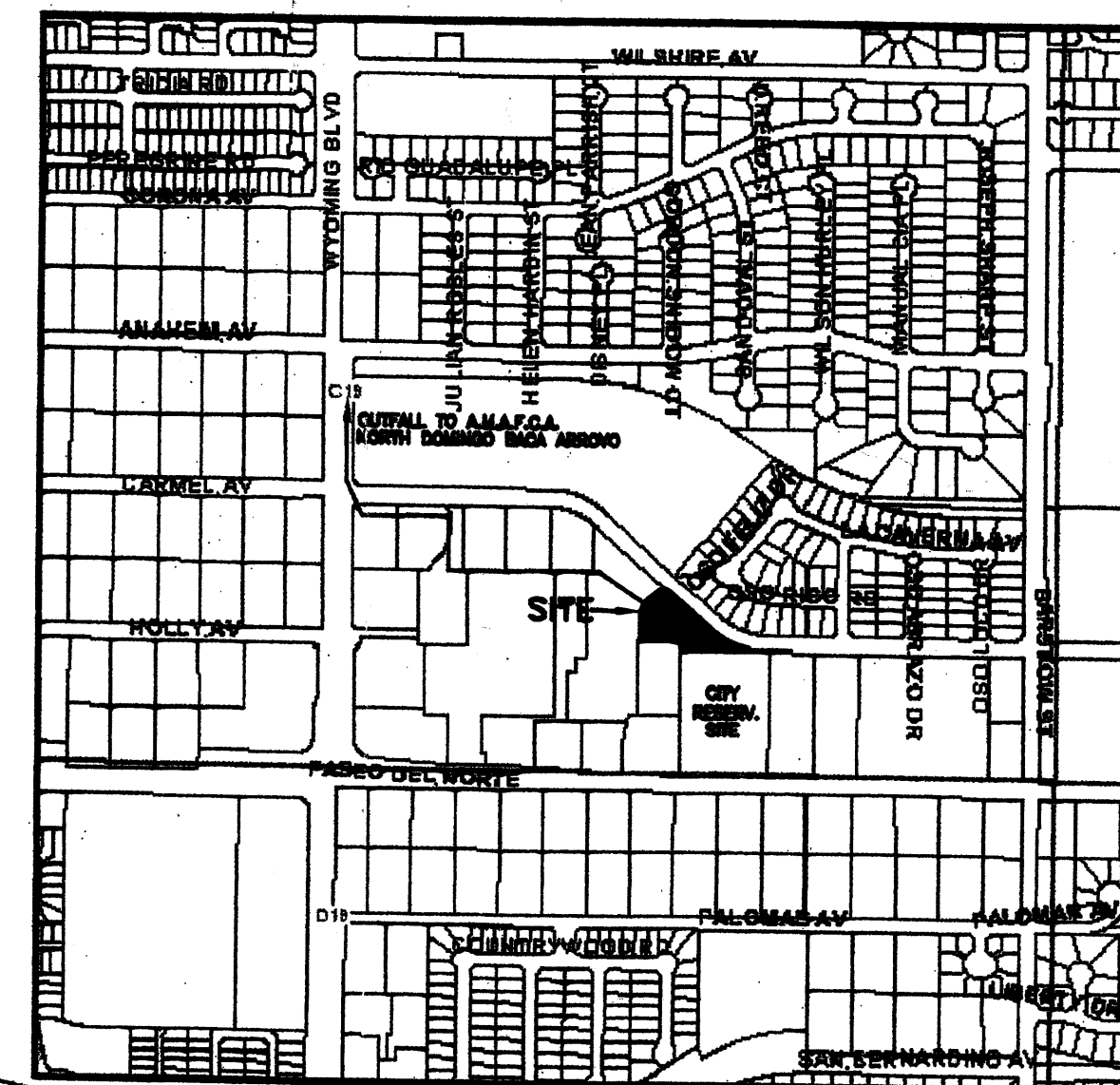
PRECIPITATION ZONE 3
ON-SITE CONDITIONS

CONDITION	STORM RETURNS PERIOD TABLE 4 YEAR	TREATMENT TYPE	AREA(AC.)	EXCESS PRECIP. TAB.9 IN.	PEAK RUNOFF CFS/AC TAB.9	RUNOFF VOLUME CU.FT. TAB.9	RUNOFF RATE CFS
EXISTING	100	B	0.87	0.82	2.80	2238	1.74
EXISTING	100	C	0.40	1.29	3.45	1873	1.38
EXISTING	10	B	0.87	0.38	1.19	876	0.80
EXISTING	10	C	0.40	0.82	2.00	900	0.80
TOTAL	100		1.07			4111	3.12
	10		1.07			1776	1.80

DEVELOPED	100	B	0.42	0.82	2.80	1403	1.09
DEVELOPED	100	C	0.09	1.29	3.45	421	0.31
DEVELOPED	100	D	0.56	2.38	5.02	4797	2.81
DEVELOPED	10	B	0.42	0.38	1.19	549	0.50
DEVELOPED	10	C	0.09	0.82	2.00	203	0.18
DEVELOPED	10	D	0.56	1.50	3.39	3049	1.80
TOTAL	100		1.07			8821	4.21
	10		1.07			3801	2.58

NOTES

- A flow rate increase of 1.09 CFS and 0.88 CFS for the 100-year and 10-year storms, respectively, may be expected. The 6-hour runoff volumes will increase by 2510 cubic feet for the 100-year storm and 2025 cubic feet for the 10-year storm.
- This site accepts a peak flow of 0.55 CFS from an adjoining City Reservoir Site. Total 4.76 CFS draining into existing storm line is less than the 5.26 CFS listed capacity.



VICINITY MAP

NO SCALE

C-19

DRAINAGE CERTIFICATION

I, RAYMOND W. MACY, NMPE No. 6414, OF TELCK HENSLEY ENGINEERING GROUP LLC, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED DRAINAGE PLAN DATED DECEMBER 21, 2004. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY.

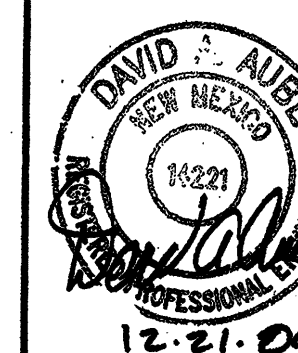
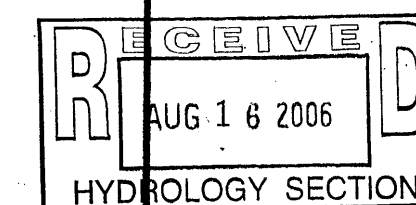
EXCEPTIONS AND/OR QUALIFICATIONS: INTERIOR TERRACED RETAINING WALLS IN THE COURTYARD AT THE SOUTH SIDE OF CARMEL AVENUE WERE DELETED FROM THE PROJECT. A SINGLE RETAINING WALL/SCREEN WALL WAS BUILT TO ENCLOSE THE COURTYARD PERIMETER. THE COURTYARD WAS GRADED TO DRAIN FROM SE TO NW AND DISCHARGE TO THE RIPRAP LINED SMALE AT THE NW CORNER OF THE SITE. THERE ARE NO OTHER KNOWN EXCEPTIONS AND/OR QUALIFICATIONS.

DEFICIENCIES AND/OR REQUIRED CORRECTIONS: THERE ARE NO KNOWN DEFICIENCIES OR REQUIRED CORRECTIONS.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

RAYMOND W. MACY, NMPE No. 6414

DATE 8/10/06



JOB NO. X
DATE 10/29/04
OWN BY EWK
CHD BY REH
REVISIONS

SHEET NO.
CC1.1

HEFLIN DENTAL CLINIC
DRAINAGE PLAN

THE Group

THE Group
1000 University Avenue, Suite 100
Albuquerque, NM 87102
505.263.1111
www.thegroupinc.com

LOT 1-B
LA CUEVA TOWN CENTER

LOT 8-A
BLOCK 20
TRACT 2 UNIT 3
NORTH ALBUQUERQUE ACRES

CITY OF ALBUQUERQUE RESERVOIR SITE

LOT 10-A
BLOCK 20
TRACT 2 UNIT 3
NORTH ALBUQUERQUE ACRES

OFFSITE AREA DRAINING
THROUGH EXISTING GATE
APPROX. .15 ACRE
 $Q_{100} = (.13 \times 3.45) + (.02 \times 5.02) = 0.55 \text{ CFS}$
SEE CALCULATIONS NOTE 2

Circular Channel Analysis & Design Solved with Manning's Equation

Worksheet Name: HEFLIN

Solve For Full Flow Capacity, 8" drain

Given Constant Data:
Diameter..... 0.67
Slope..... 0.0200
Manning's n..... 0.013
Discharge..... 1.73 CFS

COMPUTED

Diameter ft	Slope ft/ft	Manning's n	Discharge cfs	Depth ft	Velocity fps	Full cfs
0.67	0.0200	0.013	1.73	0.67	4.91	1.73

Open Channel Flow Models, Version 3.12 (a)
Heald Methods, Inc. • 37 Brookside Rd • Waterbury, CT 06708

NOTICE TO CONTRACTOR

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BENCH MARK

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1-3/4" ALUMINUM DISK, STAMPED "ACS BM 15-019", EXPOSED TO TOP OF CONCRETE BASE OF TRAFFIC LIGHT/STREET LIGHT STANCHION IN TRAFFIC ISLAND, SW QUADRANT OF PASEO DEL NORTE AND WYOMING BLVD. NE, ON THE SW CORNER OF SAID BASE.
ELEV. 5391.40

T.B.M.

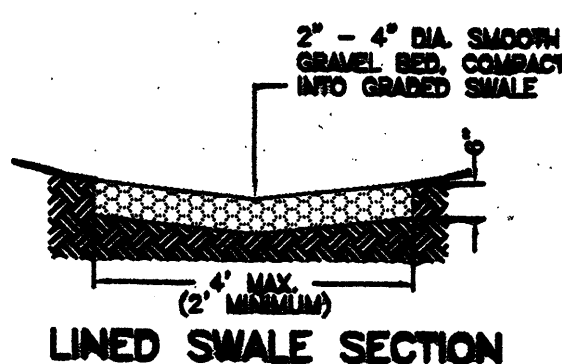
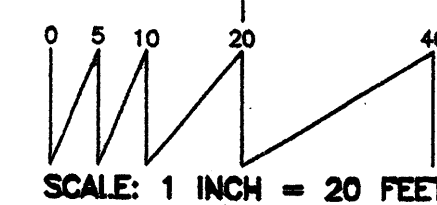
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LEGAL DESCRIPTION

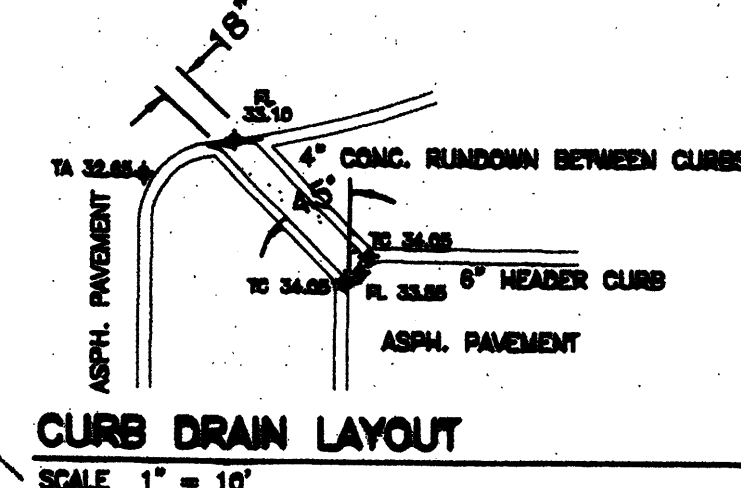
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LEGEND

- 55.55 EXISTING INDEX CONTOURS @ 5' INTERVALS
- 65 EXISTING INTERMEDIATE CONTOURS @ 1' INTERVALS
- PROPOSED CONTOURS @ 1.0' INTERVALS
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- FLOW LINE
- PROPOSED CONCRETE SURFACING
- PROPOSED BUILDING
- EXISTING CHAIN LINK FENCE
- GRAVEL LINING - WIDTH VARIES
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- PLACE CONCRETE SPLASH BLOCK FLUSH TO GRADE AT UP BENEATH ALL CANALES DRAINING TO NON-PAVED SURFACES



LINED SWALE SECTION



CURB DRAIN LAYOUT
SCALE 1" = 10"

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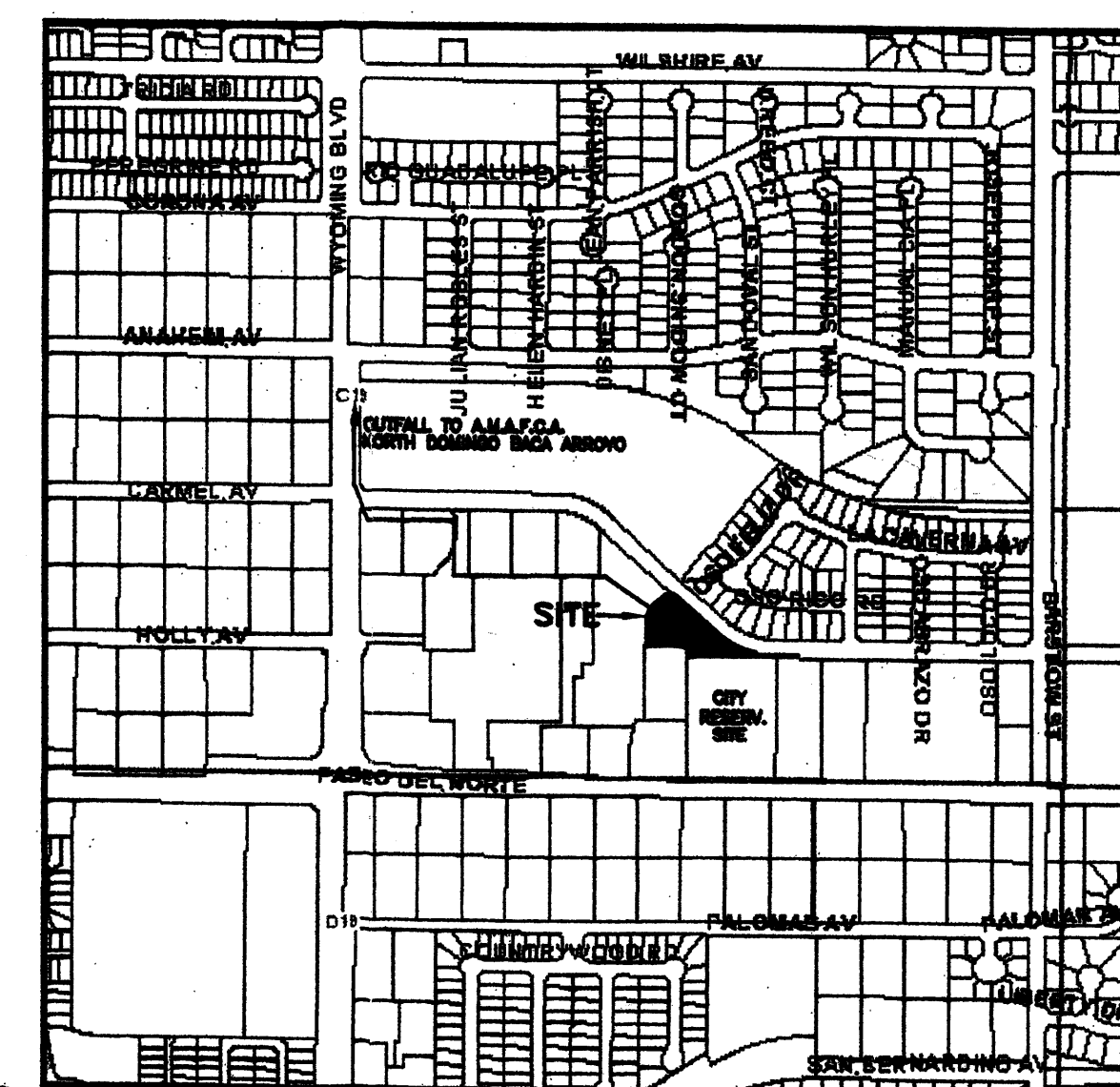
DRAINAGE DATA

PRECIPITATION ZONE 3
ON-SITE CONDITIONS

CONDITION	STORM RETENTION PERIOD YEAR	TREATMENT TYPE	AREA(AC.)	EXCESS PRECIP. IN.	PEAK RUNOFF TAB.9 CFS/AC	RUNOFF VOLUME CU.FT.	RUNOFF RATE CFS
EXISTING	100	B	0.67	0.92	2.60	2238	1.74
	100	C	0.40	1.29	3.45	1873	1.38
	10	B	0.87	0.36	1.19	876	0.80
EXISTING	100	C	0.40	0.82	2.00	900	0.80
	10	B	0.87	0.36	1.19	876	0.80
	10	C	0.40	0.82	2.00	900	0.80
TOTAL	100		1.07			4111	3.12
	10		1.07			1776	1.60
DEVELOPED	100	B	0.42	0.92	2.60	1403	1.09
	100	C	0.09	1.29	3.45	421	0.31
	100	D	0.56	2.38	5.02	4797	2.81
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	10	C	0.09	0.82	2.00	203	0.18
	10	D	0.56	1.50	3.39	3049	1.90
TOTAL	100		1.07			8621	4.21
	10		1.07			3901	2.58

NOTES

1. A flow rate increase of 1.09 CFS and 0.98 CFS for the 100-year and 10-year storms, respectively, may be expected. The 6-hour runoff volumes will increase by 2510 cubic feet for the 100-year storm and 2025 cubic feet for the 10-year storm.
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VICINITY MAP

NO SCALE

C-19

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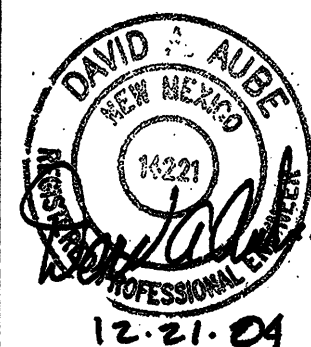
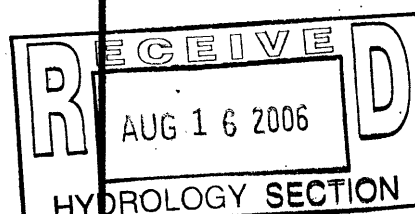
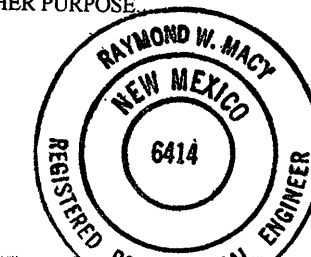
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RAYMOND W. MACY, N.M.P.E. No. 6414

DATE 8/10/06



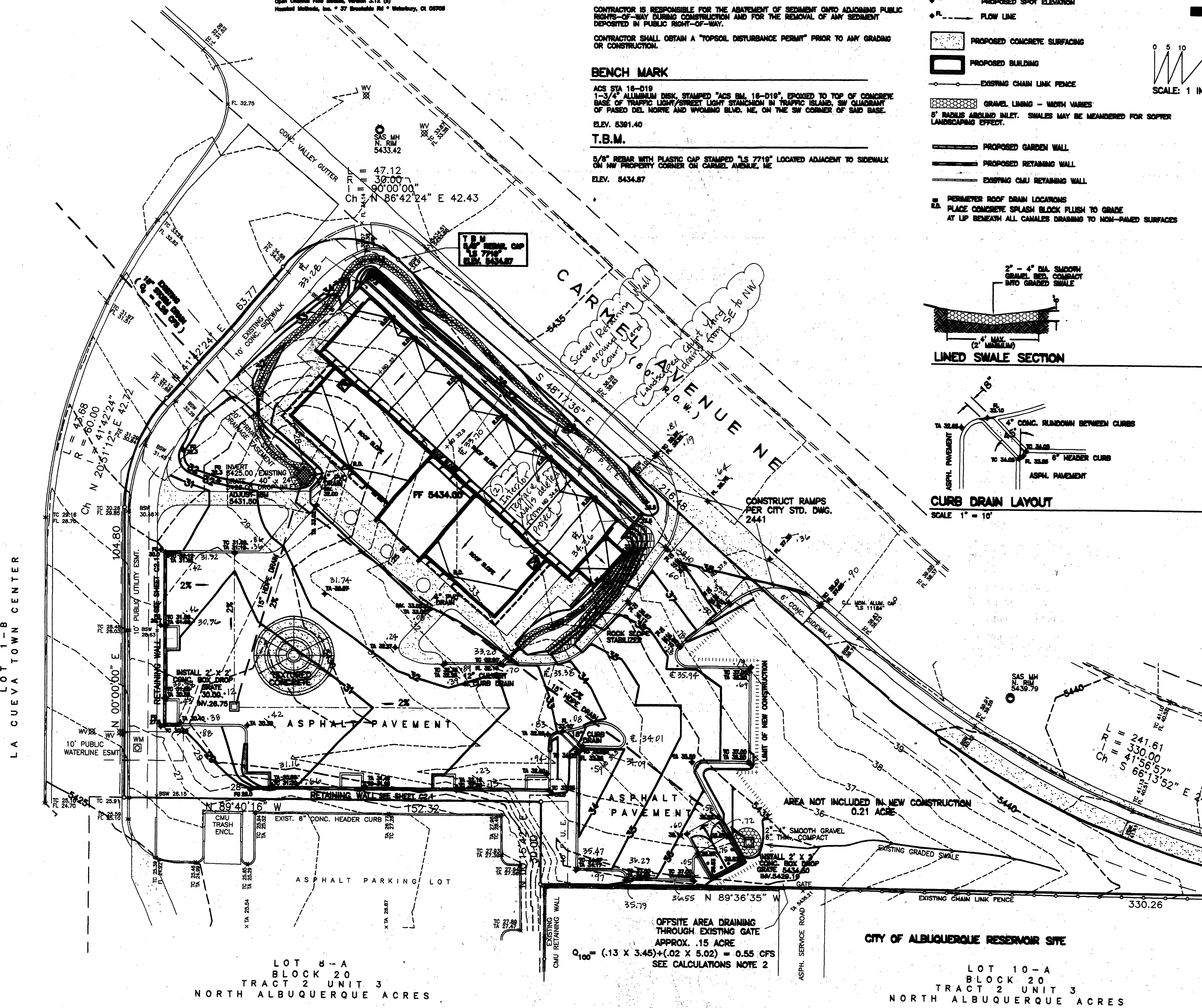
JOB NO. X
DATE 10/29/04
DRAWN BY EWK
CHKD BY REH
REVISIONS

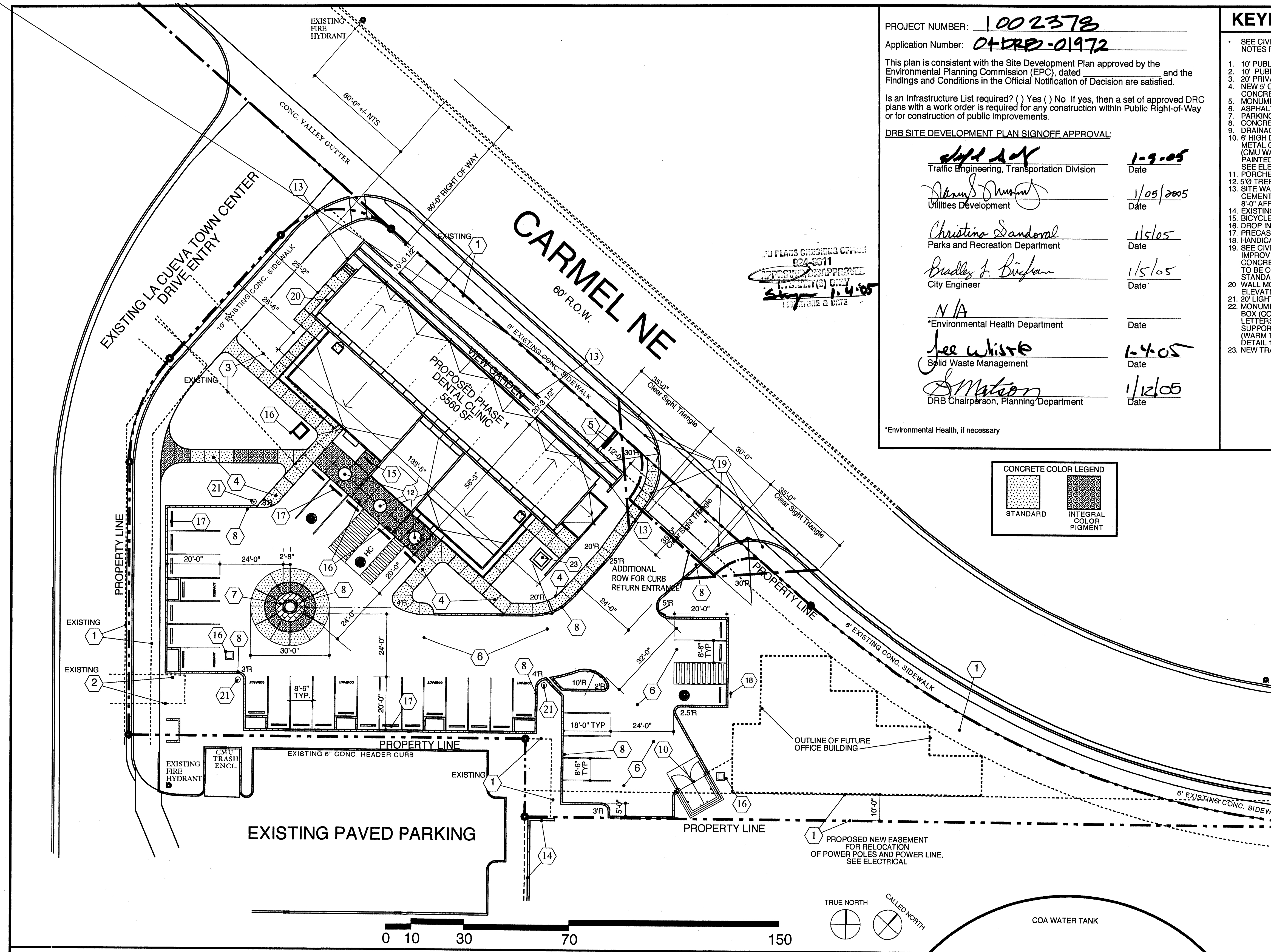
SHEET NO.
CC1.1

HEFLIN DENTAL CLINIC
DRAINAGE PLAN



TELCK HENSLEY ENGINEERING GROUP
10000 10TH AVENUE NW
SUITE 200
ALBUQUERQUE, NM 87113
(505) 261-1111





PROJECT NUMBER: 1002378
Application Number: 04DRB-01972

This plan is consistent with the Site Development Plan approved by the Environmental Planning Commission (EPC), dated 1-9-05 and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? () Yes () No If yes, then a set of approved DRC plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

<u>[Signature]</u> Traffic Engineering, Transportation Division	Date <u>1-9-05</u>
<u>[Signature]</u> Utilities Development	Date <u>1/05/2005</u>
<u>[Signature]</u> Parks and Recreation Department	Date <u>1/5/05</u>
<u>[Signature]</u> City Engineer	Date <u>1/5/05</u>
<u>N/A</u> *Environmental Health Department	Date
<u>[Signature]</u> Solid Waste Management	Date <u>1-4-05</u>
<u>[Signature]</u> DRB Chairperson, Planning Department	Date <u>1/12/05</u>

*Environmental Health, if necessary

- ### KEYED NOTES
- SEE CIVIL DRAWINGS AND GENERAL MATERIALS NOTES FOR ITEMS NOT FULLY DESCRIBED BELOW.
 - 10' PUBLIC UTILITY EASEMENT.
 - 10' PUBLIC WATERLINE EASEMENT.
 - 20' PRIVATE STORM DRAINAGE EASEMENT, SEE CIVIL.
 - NEW 5" CONCRETE SIDEWALK. SEE LEGEND FOR CONCRETE COLOR.
 - MONUMENT SIGN. SEE ELEVATION THIS SHEET.
 - ASPHALT PAVING.
 - PARKING AISLE CIRCLE. SEE 10/AS-2 FOR SECTION.
 - CONCRETE STANDUP CURB.
 - DRAINAGE INLET AND GRATE.
 - 6" HIGH DUMPSTER ENCLOSURE WITH SOLID PANEL METAL GATE.
 - CMU WALLS WITH CEMENT STUCCO FINISH WITH PAINTED STEEL SOLID PANEL DOUBLE LEAF GATE. SEE ELEVATIONS ON SHEET A-2.
 - PORCHED ENTRY WITH BENCH SEATING FOR 4.
 - 5/8" TREE GRATE.
 - SITE WALL ENCLOSING VIEW GARDEN, CMU WITH CEMENT STUCCO FINISH TOP OF WALL ELEVATION = 8'-0" AFF. EL. SEE SECTION ON ELEVATION SHEET.
 - EXISTING CMU RETAINING WALL.
 - BICYCLE RACK (CAPACITY 5 BIKES).
 - DROP INLET. SEE CIVIL.
 - PRECAST CONCRETE PARKING BUMPERS, TYP.
 - HANDICAP PARKING SIGNS. SEE AS-2.
 - SEE CIVIL FOR RIGHT OF WAY INFRASTRUCTURE IMPROVEMENTS: NEW RADIUS ENTRY DRIVE AND CONCRETE VALLEY; NEW CONCRETE SIDEWALK. ALL TO BE CONSTRUCTED PER CITY OF ALBUQUERQUE STANDARDS.
 - WALL MOUNTED 12" METAL LETTERING, SEE ELEVATIONS SHEET A-3.
 - 20' LIGHT POLE. SEE ELECTRICAL.
 - MONUMENT SIGN: INTERNALLY LIGHTED METAL SIGN BOX (COLOR: ROSEWOOD), WITH 7" CUT OUT LETTERS (WHITE TRANSLUCENT ACRYLIC) SUPPORTED ON 12" Ø TINTED CONCRETE POSTS (WARM TONE TAN INTEGRAL COLOR TINT) SEE DETAIL 11/AS-2.
 - NEW TRANSFORMER AND PAD, SEE ELECTRICAL.

DESIGN DATA

ZONING: C-2 -SC
OCCUPANCY TYPE: B-2
CONSTRUCTION TYPE: 2-N
CODE: UNIFORM BUILDING CODE, 1997 EDITION

AREA / PARKING RECAP

PHASE 1 - DENTAL CLINIC

HEATED BUILDING AREA - CLINIC 1ST FLOOR	5560 SF
TOTAL	5560 SF

PHASE 1 PARKING

REGULAR SPACES	15
HANDICAP SPACES	2

TOTAL PARKING PROVIDED: 17 SPACES (REQUIRED 5 PER DOCTOR = 10)

BICYCLE RACK: 3 SPACES PROVIDED

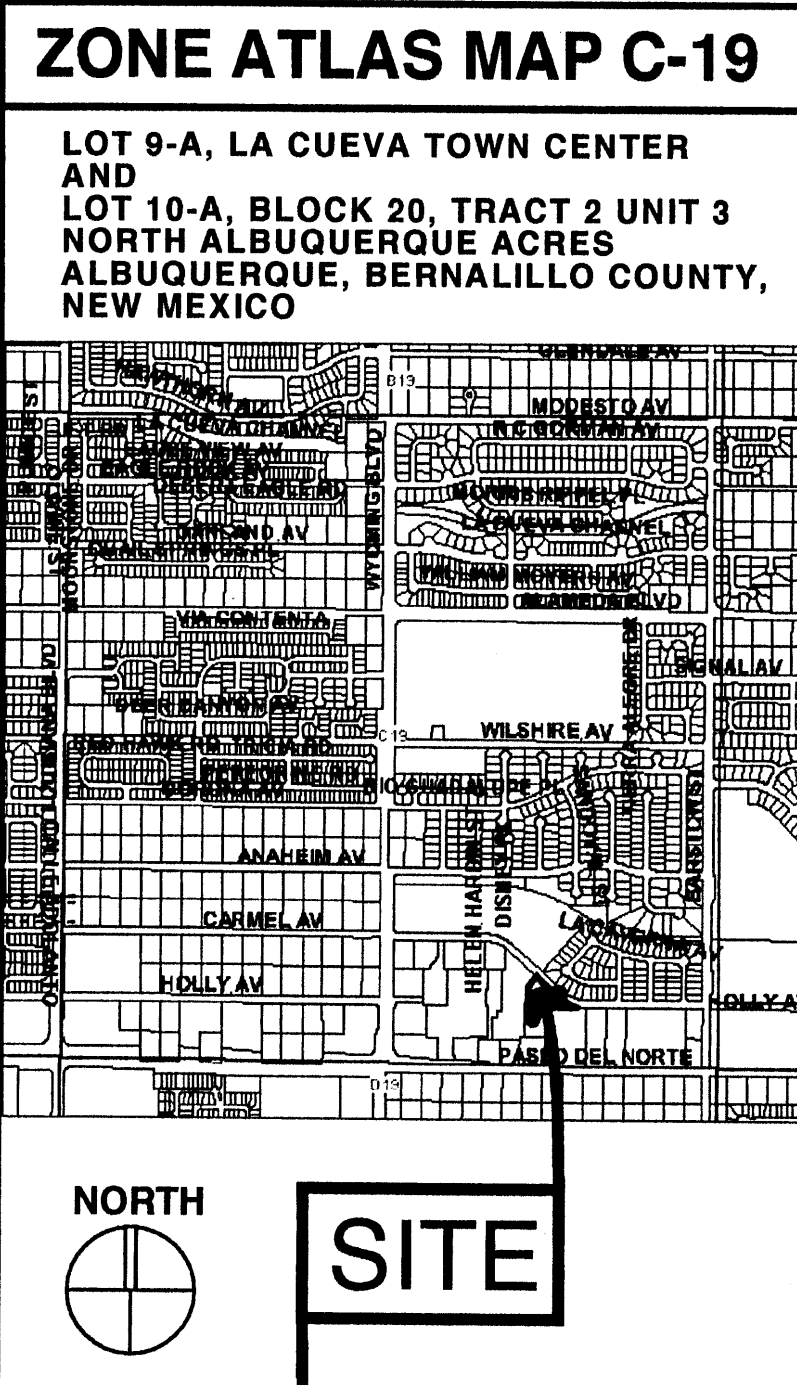
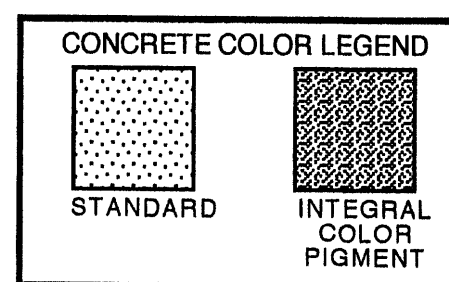
FUTURE PHASE 2 - BUILDING

HEATED BUILDING AREA - OFFICE 1ST FLOOR	3200 SF
TOTAL	3200 SF

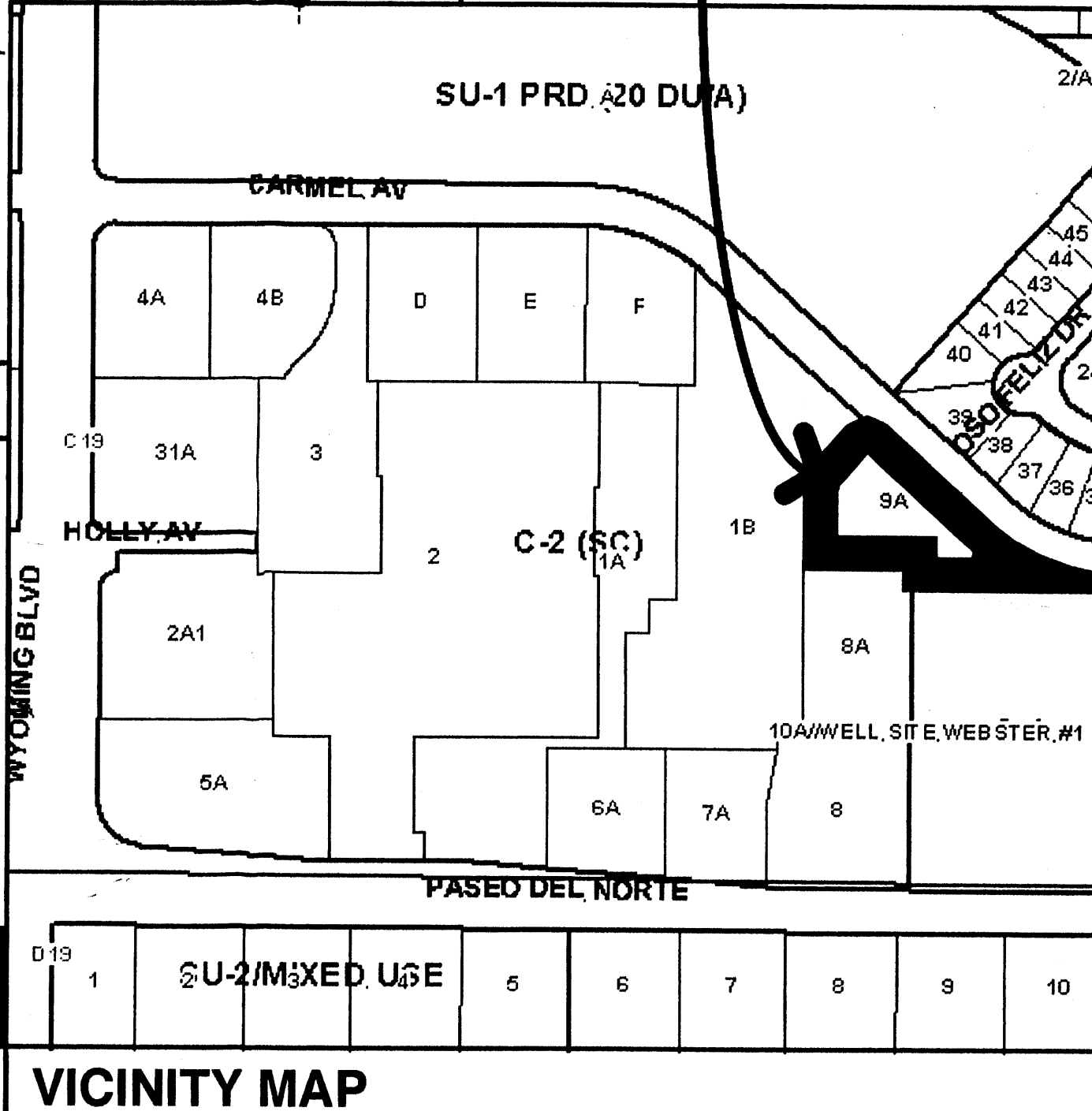
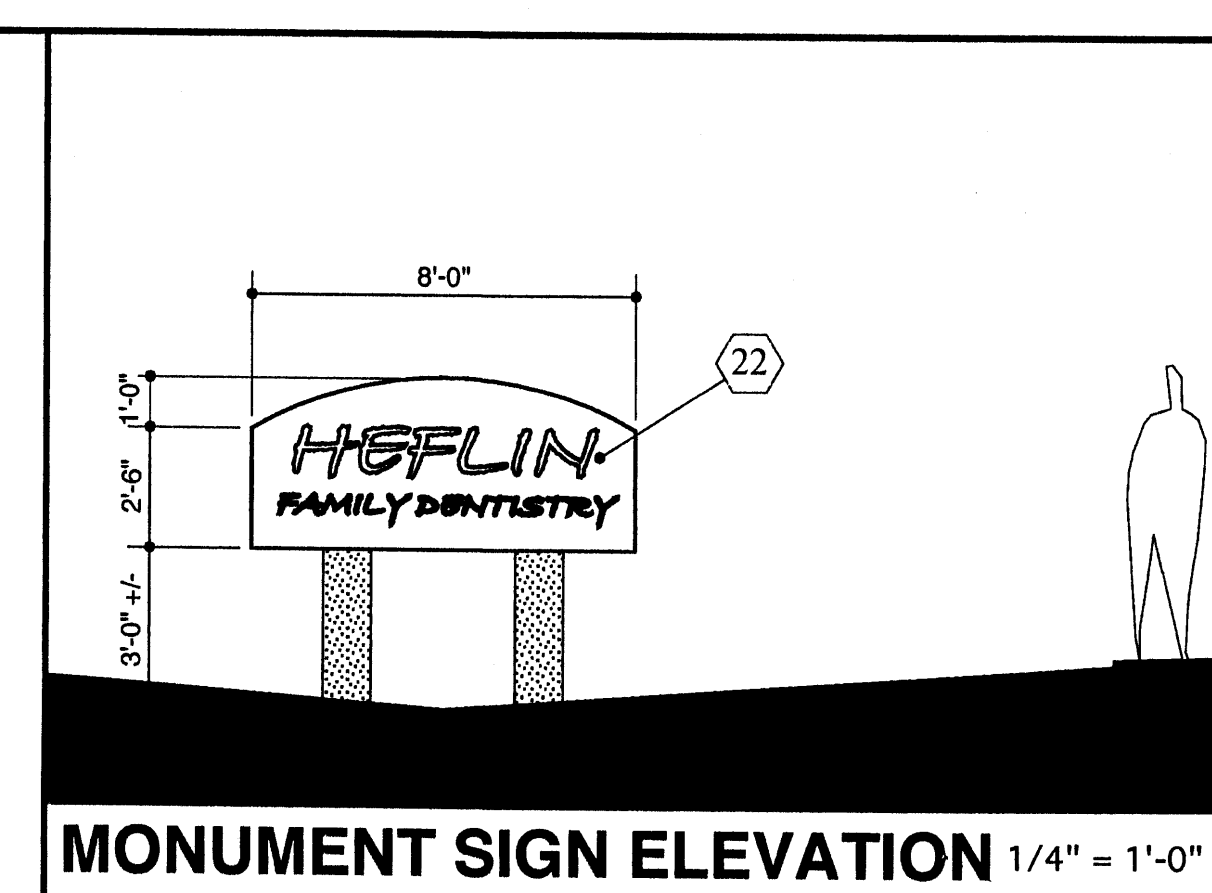
PHASE 2 PARKING (TO BE BUILT AS PART OF PHASE 1 CONSTRUCTION)

REGULAR SPACES	15
HANDICAP SPACES	1

TOTAL PARKING PROVIDED: 16 SPACES (REQUIRED 1 PER 200SF = 16)



SITE PLAN 1" = 20'

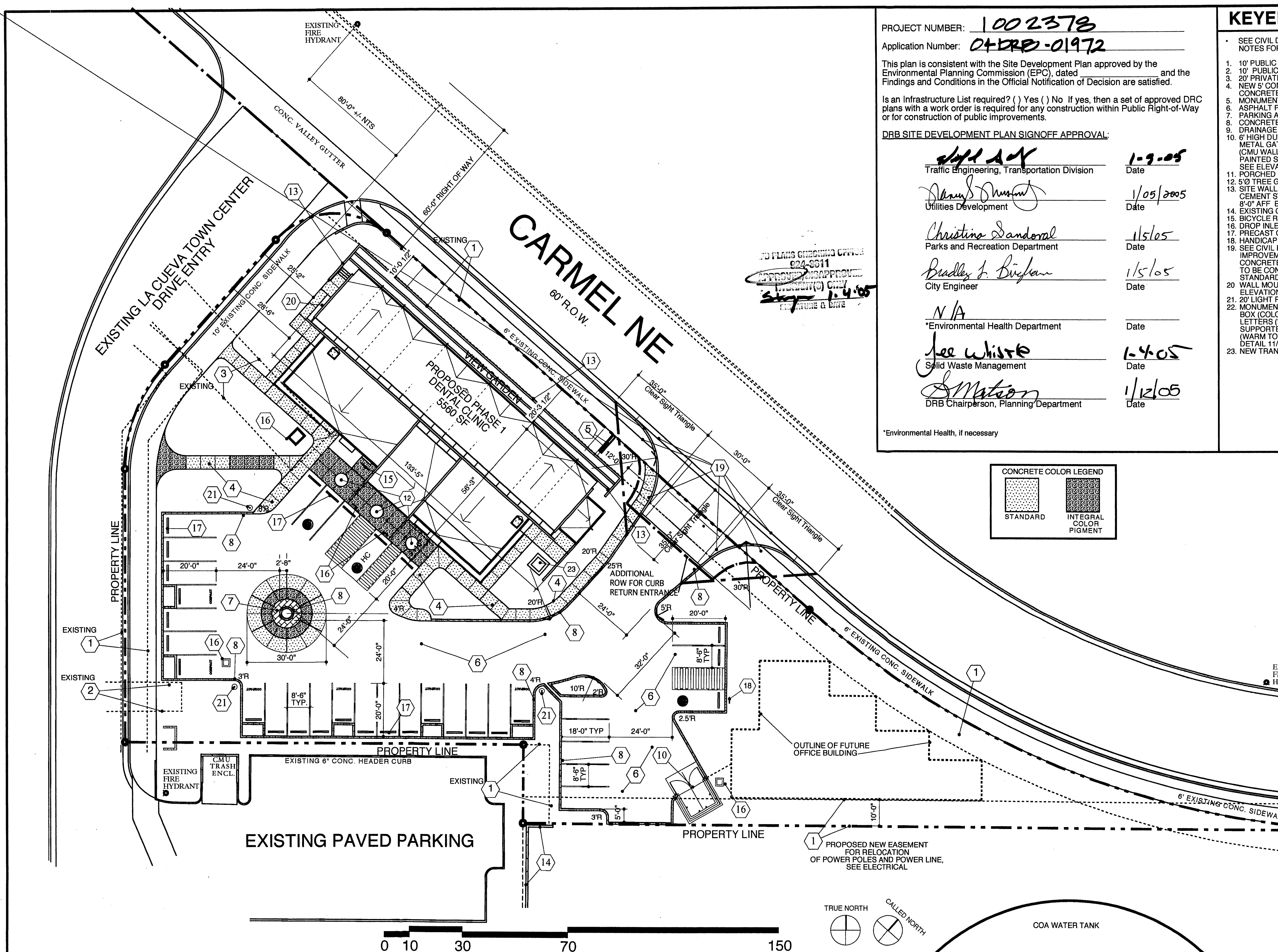


ARCHITECTURAL SITE PLAN FOR BUILDING PERMIT

HEFLIN DENTAL CLINIC
CARMEL NE - ALBUQUERQUE, NM
DECEMBER 2004

MAHLMAN & MILES ARCHITECTS
208 BROADWAY SE
ALBUQUERQUE, NEW MEXICO 87102
505-243-0101

AS-1



PROJECT NUMBER: 1002378
Application Number: 04-DRD-01972

This plan is consistent with the Site Development Plan approved by the Environmental Planning Commission (EPC), dated _____ and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? () Yes () No If yes, then a set of approved DRC plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

<i>[Signature]</i> Traffic Engineering, Transportation Division	<u>1-9-05</u> Date
<i>[Signature]</i> Utilities Development	<u>1/05/2005</u> Date
<i>[Signature]</i> Parks and Recreation Department	<u>1/5/05</u> Date
<i>[Signature]</i> City Engineer	<u>1/5/05</u> Date
<u>N/A</u> *Environmental Health Department	 Date
<i>[Signature]</i> Solid Waste Management	<u>1-4-05</u> Date
<i>[Signature]</i> DRB Chairperson, Planning Department	<u>1/12/05</u> Date

*Environmental Health, if necessary

- ### KEYED NOTES
- SEE CIVIL DRAWINGS AND GENERAL MATERIALS NOTES FOR ITEMS NOT FULLY DESCRIBED BELOW.
 - 10' PUBLIC UTILITY EASEMENT.
 - 10' PUBLIC WATERLINE EASEMENT.
 - 20' PRIVATE STORM DRAINAGE EASEMENT, SEE CIVIL.
 - NEW 5" CONCRETE SIDEWALK. SEE LEGEND FOR CONCRETE COLOR.
 - MONUMENT SIGN, SEE ELEVATION THIS SHEET.
 - ASPHALT PAVING.
 - PARKING AISLE CIRCLE, SEE 10/AS-2 FOR SECTION.
 - CONCRETE STANDUP CURB.
 - DRAINAGE INLET AND GRATE.
 - 6' HIGH DUMPSTER ENCLOSURE WITH SOLID PANEL METAL GATE.
 - CMU WALLS WITH CEMENT STUCCO FINISH WITH PAINTED STEEL SOLID PANEL DOUBLE LEAF GATE. SEE ELEVATIONS ON SHEET A-2.
 - PORCHED ENTRY WITH BENCH SEATING FOR 4.
 - 12' 6" TREE GRATE.
 - SITE WALL ENCLOSING VIEW GARDEN, CMU WITH CEMENT STUCCO FINISH TOP OF WALL ELEVATION = 8'-3" AFF. EL. SEE SECTION ON ELEVATION SHEET.
 - EXISTING CMU RETAINING WALL.
 - BICYCLE RACK (CAPACITY 5 BIKES).
 - DROP INLET, SEE CIVIL.
 - PRECAST CONCRETE PARKING BUMPERS, TYP.
 - HANDICAP PARKING SIGNS, SEE AS-2.
 - SEE CIVIL FOR RIGHT OF WAY INFRASTRUCTURE IMPROVEMENTS: NEW RADIUS ENTRY DRIVE AND CONCRETE VALLEY, NEW CONCRETE SIDEWALK. ALL TO BE CONSTRUCTED PER CITY OF ALBUQUERQUE STANDARDS.
 - WALL MOUNTED 12" METAL LETTERING, SEE ELEVATIONS SHEET A-3.
 - 20' LIGHT POLE, SEE ELECTRICAL.
 - MONUMENT SIGN: INTERNALLY LIGHTED METAL SIGN BOX (COLOR: ROSEWOOD), WITH 7" CUT OUT LETTERS (WHITE, TRANSLUCENT ACRYLIC) SUPPORTED ON 12" Ø TINTED CONCRETE POSTS (WARM TONE TAN INTEGRAL COLOR TINT) SEE DETAIL 11/AS-2.
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DESIGN DATA

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TOTAL	5560 SF

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HANDICAP SPACES	2

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FUTURE PHASE 2 - BUILDING

HEATED BUILDING AREA - OFFICE	
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TOTAL	3200 SF

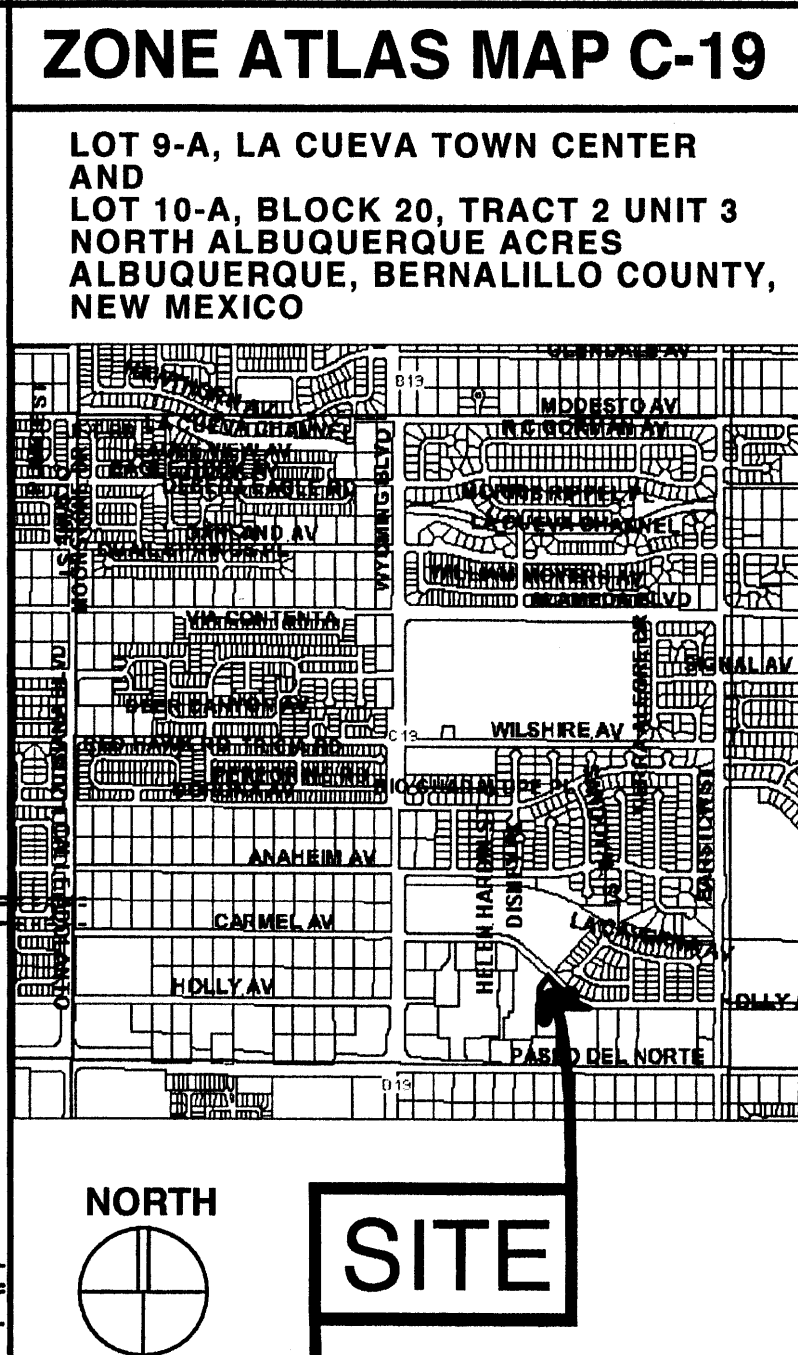
PHASE 2 PARKING (TO BE BUILT AS PART OF PHASE 1 CONSTRUCTION)

REGULAR SPACES	15
HANDICAP SPACES	1

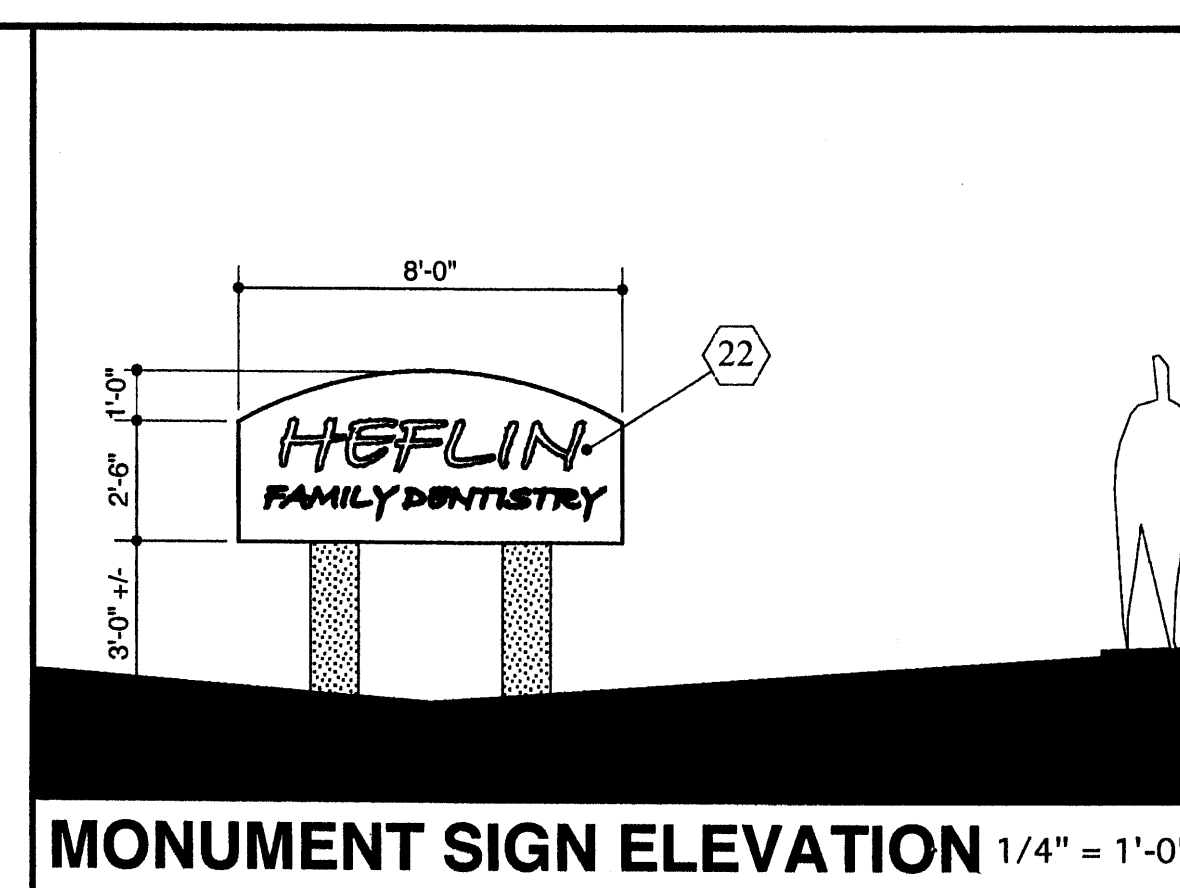
TOTAL PARKING PROVIDED: 16 SPACES
(REQUIRED 1 PER 200SF = 16)

CONCRETE COLOR LEGEND

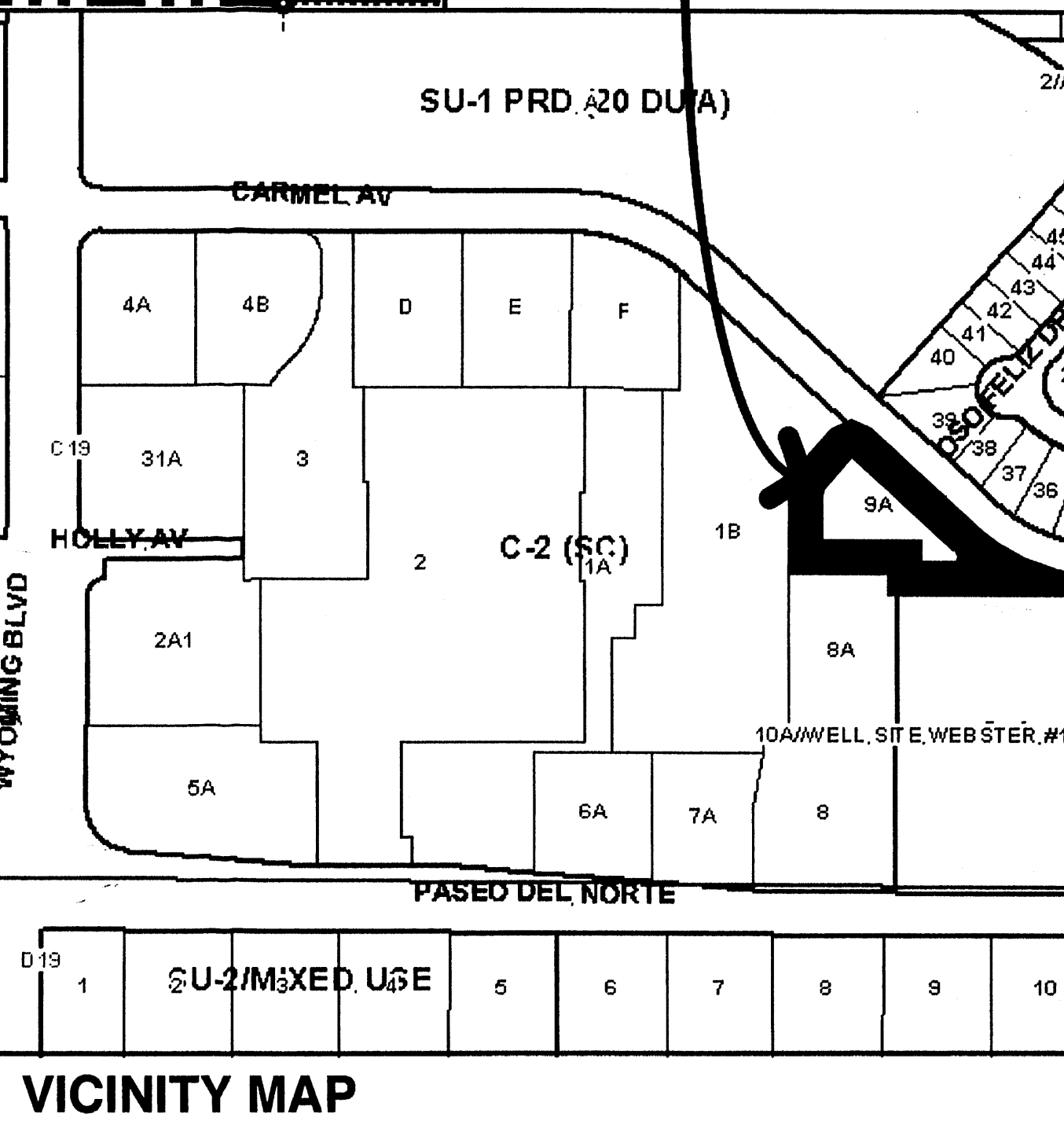
	STANDARD
	INTEGRAL COLOR PIGMENT



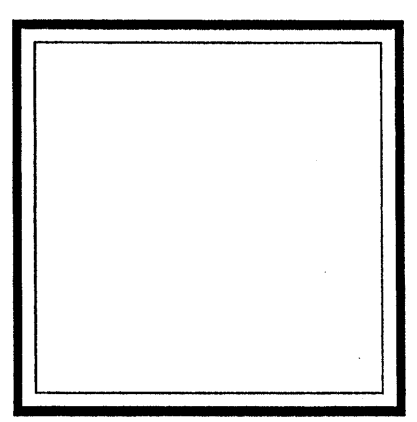
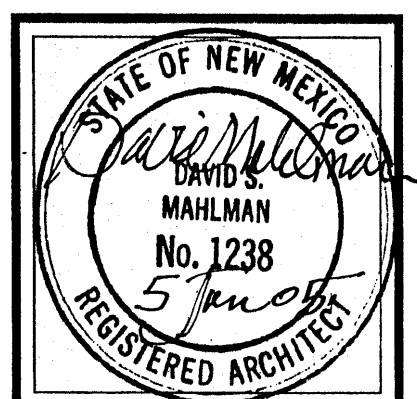
SITE PLAN 1" = 20'



MONUMENT SIGN ELEVATION 1/4" = 1'-0"



VICINITY MAP



ARCHITECTURAL SITE PLAN FOR BUILDING PERMIT

HEFLIN DENTAL CLINIC
CARMEL NE - ALBUQUERQUE, NM
DECEMBER 2004

MAHLMAN & MILES ARCHITECTS
206 BROADWAY SE
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AS-1