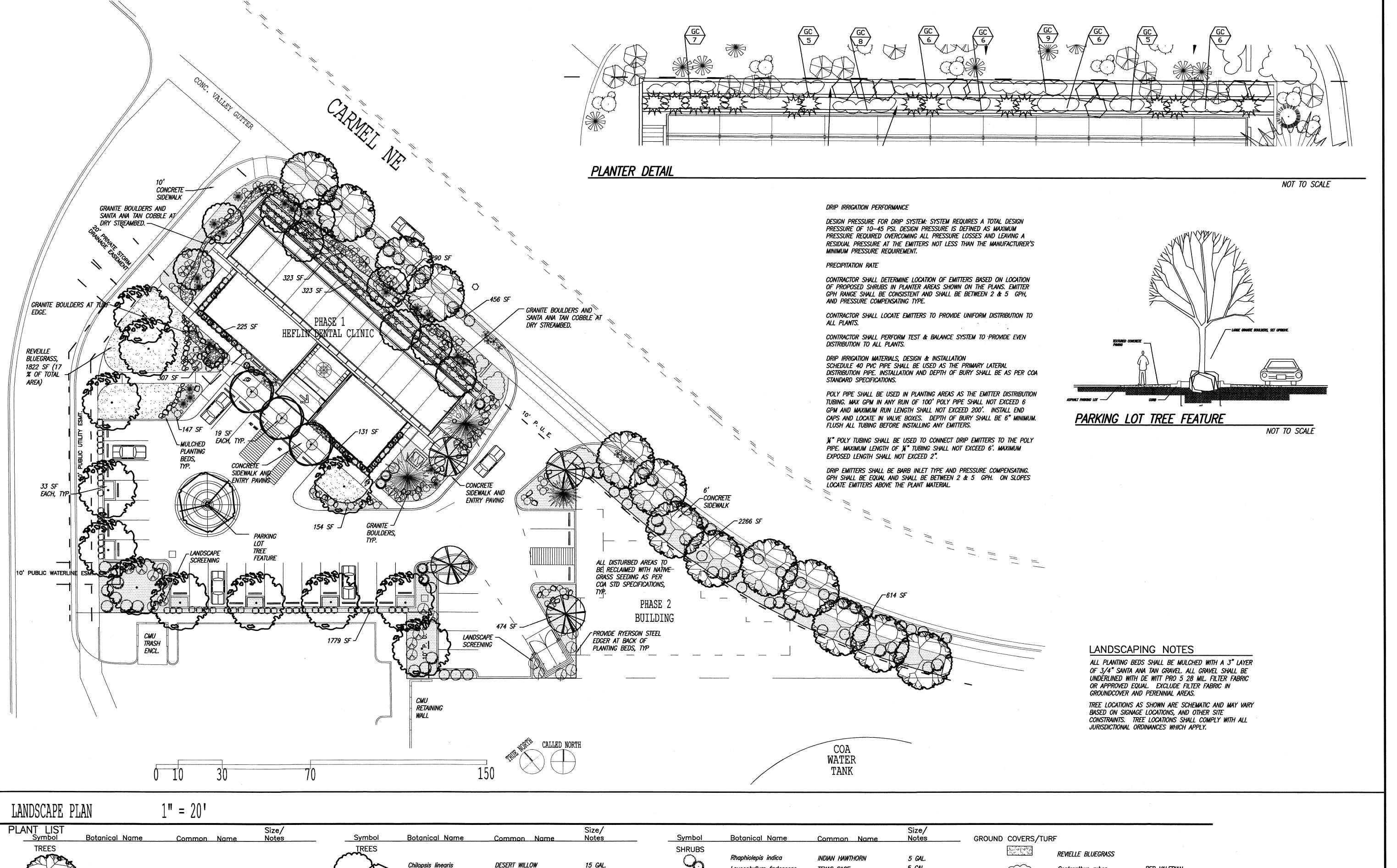


MAHLMAN

DENT
NE - ALBUC
SECEMBER HEFLIN CARMEL N

AS-1



2 1/2" CAL.

3" CAL.

Gleditsia triacanthos

HONEY LOCUST

PURPLE ROBE LOCUST

Crataegus crus galli "Inermis" THORNLESS HAWTHORN

5 GAL.

5 GAL.

5 GAL.

5 GAL.

1 GAL. 5 GAL.

5 GAL.

1 GAL.

2 GAL.

2 GAL. 1 GAL.

TEXAS SAGE

GRAYLEAF COTONEASTER

ARIZONA ROSEWOOD

BEAVERTAIL CACTUS

REGAL MIST/DEER GRASS

MAIDEN GRASS

**BEARGRASS** 

CHERRY SAGE

LAVENDER

SUMMER BROOM

Cotoneaster buxifolius

Vauquelinia californica

Opuntia basilaris

"Gracilimus"

Miscanthus sinensis

Nolina microcarpa

NEW MEXICO REDWOOD

ESCARPMENT LIVE OAK

OR CHINESE PISTACHE

36" BOX

15 GAL.

BB / 5-7' HT.



RED VALERIAN

SCARLET BUGLAR

CARDINAL PENSTEMON

BLUE AVENA

LAVENDER

Centranthus ruber

Penstemon cardinalis

Lavandula angustifolia

Penstemon barbatus

Helictotrichon sempervirens

1. PLANT IN GROUPS OF 3'S OR 5'S.

GRANITE BOULDERS, 12-27 CF AVG

2. SUBMIT SHOP DRAWINGS FOR APPROVAL.

PLAN

口

LANDSCAP

DENTA.

口二 

### **CIVIL CONSTRUCTION NOTES:**

#### A. GENERAL

- 1. The contractor shall be responsible for verifying the existence and location of all underground or concealed utilities in advance of any construction.
- 2. The contractor shall repair any and all infrastructure damaged during the course of construction in accordance with New Mexico Standard Specifications for Public Works Construction.
- 3. The job site, at the completion of construction, shall be cleaned of any debris or spoils resulting from the construction.
- 4. It is the contractor's responsibility to inspect the job site to familiarize herself/himself with all the existing conditions that could affect the installation of any work set forth in these plans.
- 5. All work on this project shall be performed in accordance with applicable Federal. State and Local laws, rules and regulations concerning construction safety and health.
- 6. The contractor shall not install items as shown on the plans when it is obvious that field conditions are different than shown in the design. Such conditions should be brought to the attention of the Construction Manager. In the event the Contractor does not notify the Construction Manager, the Contractor assumes full responsibility and expense for any revisions necessary.
- 7. Existing site improvements which are damaged or displaced by the contractor shall be removed and replaced by the contractor at the contractor's expense.
- 8. Existing fencing that is not designated for removal shall not be disturbed. Any fencing that is disturbed or altered by the contractor shall be restored to its original condition at the contractor's expense. If the contractor would like to remove fencing to facilitate construction operations, this may be done with the owner's permission and the contractor shall restore the fence to its original condition prior to the close of the project. Contractor is responsible for security of the site until the fence is
- 9. All existing mainline utilities are to remain in place and are to be protected during demolition and construction.
- 10. Neither the owner, Construction Manager, nor the Architect or Engineer of Record will enforce any safety measure or regulation. The contractor shall design, construct and maintain all safety devices, including traffic control, shoring, and shall be solely responsible for conforming to all local, state and federal safety and health standards, laws and regulations. If anyone in as authority or supervisory position sees anything wrong or a serious life threatening situation caused by the contractor, that person shall have the right to stop the job and demand that the contractor immediately corrects the wrong-doing.
- 11. Contractor will be responsible for any monumentation and/or benchmarks which will be disturbed or destroyed by construction. Such points shall be referenced and replaced with appropriate monumentation by a licensed land surveyor.
- 12. Any work done without inspection or testing is subject to removal or correction. The contractor shall provide a signed document showing proof of inspection and/or testing.
- 13. The Engineer of Record shall not be responsible for the contractor's failure to carry out the construction work in accordance with the contract documents, nor shall he/she be required to supervise the conduct of the work or the construction procedures and safety procedures followed by the contractor or the subcontractor or their respective employees or by any other person at the job site other than that of the Engineer's employees.
- 14. Contractor agrees that he/she shall assume sole and complete responsibility for the job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply 24 hours a day and not be limited to normal working hours; and that the contractor shall defend, indemnify and hold the owner, construction manager and engineer harmless of any and all liability, real or alleged, in connection with the performance of work on his/her project, excepting liability arising from the sole negligence of the owner or the Engineer.
- 15. All existing topo, existing boundary, existing easement information, & existing utilities shown on the plans drawings were obtained from the boundary & topographic surveys provided by Way John Surveying Co.
- 16. The contractor shall notify all applicable utility companies at the New Mexico One Call two (2) working days prior to any digging or excavation.

## B. DEMOLITION

- Protect the existing waterline mains on the site as shown on the plans.
- 2. Remove and dispose of any adjacent sidewalks, steps, asphalt pavement, drivepads, sheds, fences, debris and other nonclassified material, etc. If any item appears to be questionable, the Architect/Engineer shall be notified for
- 3. For demolition of the site electrical, see the electrical demolition plans.

## C. PAVING

heli72-117 Haffin Danflet/Chilliff2-113CC 1 June 17/17/2004 1-20-51 Dis

- When abutting new pavement to existing, sawcut the existing pavement to a neat, straight line as required to remove any broken or cracked pavement and match new paving to existing.
- 2. All utilities and utility service lines shall be installed and approved prior to paving.
- 3. All existing water valve boxes, electrical, telephone, tv and sewer manholes in the construction area shall be adjusted to finished grade.

#### C. PAVING (CONT)

- 4. All stationing is to construction baselines unless otherwise noted.
- 5. All slopes and grades are in feet/foot unless otherwise
- 6. All surfaces along accessible routes and for handicap ramps shall be stable, firm, slide-resistant, and shall comply with uniform federal accessibility standards, paragraph 4.5.
- 7. Longitudinal slopes along accessible route sidewalks, except at handicap ramps, shall not be steeper than 1:20. Cross slopes along accessible route sidewalks except at handicap ramps, shall not be steeper than 1:48. Slopes in accessible parking spaces, access aisles, and passenger loading zones shall not be steeper than 1:48 in all directions.
- 8. The contractor shall provide all required traffic control plans. All signs, barricades, channelization devices, sign frames and erection of such devices shall conform to the requirements of City of Albuquerque (COA) Traffic Control Departments.

#### D. UTILITIES

- If any utility lines, pipelines, or underground utility lines are shown on these drawings, they are shown in an approximate manner only, and such lines may exist where none are shown. If any such existing lines are shown, the location is based upon information provided to the engineer by others, and the information may be incomplete, or may be obsolete by the time construction commences. The contractor shall verify the location of any utility line, pipeline or underground utility line in or near the area of the work.
- The existing utilities depicted on these plans were derived from information provided to the engineer by others. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of pertinent utilities. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay. Contractor is to exercise due care to avoid disturbing any existing underground utilities. It shall be the contractor's responsibility to coordinate any potential disruptions in utility service with the utility companies affected at least 48 hours prior to the disruption.
- Contractor shall expose and verify invert elevations of relevant sanitary sewer lines before setting any new inverts. Should inverts differ more than 0.20' from those shown on the plans, the engineer shall be notified to determine any resulting changes in design.
- Reference made to APWA refers to American Public Works Association.
- 5. All new and existing frames, covers, valve boxes, etc. shall be adjusted to new finished grade prior to placing of asphalt concrete surface course by the contractor.
- 6. The contractor shall notify all applicable utility companies at the New Mexico One Call two (2) working days prior to any digging or excavation.
- AND STORM WATER. POLLUTION PREVENTION PLAN 1. The contractor shall conform to all City, County, State, and

contractor shall prepare and obtain any necessary dust or

E. EROSION CONTROL, ENVIRONMENTAL PROTECTION,

erosion control permits from regulatory agencies. 2. The contractor shall promptly remove any material excavated within the Right-Of-Way to keep it from washing off the

Federal dust and erosion control regulations. The

The contractor shall ensure that no soil erodes from the site by constructing temporary erosion control berms or installing silt fences at the project boundary lines and wetting the soil to keep it from blowing.

project site.

- Watering, as required for construction and dust control, shall be considered incidental to construction and no measurement or payment shall be made therefore. Construction areas shall be watered for dust control in compliance with government ordinances. The contractor shall be responsible for locating and supplying water as required.
- 5. Any areas disturbed by construction and not covered by landscaping or an impervious surface shall be revegetated with reclamation seeding.
- 6. The contractor shall properly handle and dispose of all asphalt removed on the project by hauling to an approved landfill in accordance with the requirements of the State of New Mexico, and City of Albuquerque (COA).
- 7. All waste products from the construction site, including items designed for removal, construction waste, construction equipment waste products (oil, gas, tires, etc.), garbage, grubbing, excess cut material, vegetative debris, etc. shall be appropriately disposed of off-site at no additional cost to the owner. It shall be the contractor's responsibility to obtain any permits required for haul or disposal of waste products. It shall be the contractor's responsibility to ensure that the waste disposal site complies with government regulations regarding the environment, endangered species, and archaeological resources.
- 8. The contractor shall be responsible for the immediate clean-up and reporting of spills of hazardous materials associated with the construction operations. Hazardous materials include gasoline, diesel fuel, motor oil, solvents, chemicals. paint, etc. which may be a threat to the environment.

#### E. EROSION CONTROL, ENVIRONMENTAL PROTECTION,

- 9. The contractor shall comply with all applicable regulations concerning surface and underground water. Contact with surface water by construction and personnel shall be minimized. Equipment maintenance and refueling operations shall be performed in an environmentally safe manner in compliance with government regulations.
- 10. The contractor shall apprise himself of all air pollution control regulations of Bernalillo County and City of Albuquerque (COA) prior to bidding and performing the work
- 11. The contractor shall comply with all applicable regulations concerning construction noise and hours of operations.
- 12. The contractor shall comply with all applicable regulations for storm water pollution prevention and make all such applications, notice of intents and pollution prevention plans as required by the Environmental Protection Agency (EPA).

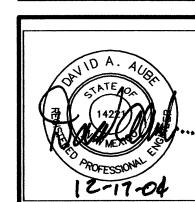
#### F. TRAFFIC CONTROL

1. The contractor shall coordinate with the School District and the City of Albuquerque (COA) Junction for all traffic control, both vehicular and pedestrian. Contractor shall comply with all Traffic Control guidelines and shall maintain all Traffic Control devices during extent of project.

## **CIVIL MASTER LEGEND:**

Property line	EXISTING:	<b>DEMOLITION:</b>	NEW:
Building			
Edge of pavement			
Curb & gutter			
Pavement striping			
Fence	X	x	· · · · · · · · · · · · · · · · · · ·
CMU or block wall			
Utility easement			
Underground electric line	EUG	EUG	EUG
Overhead electric line	EOH	——ЕОН——	
Water line		W	6" WL
Sanitary sewer line	SAS		4" SAS
Storm drain line	SD	SD	———12" SD—
Index contours	25	30	25
Intermediate contours	25		24
Power pole	0	<b>•</b>	24
Light pole	•		
Traffic light	☑ TL	J	<b>U</b>
Electrical transformer			Π
Water valve	<b>₩</b>	<b>∐</b> ⋈	<b></b>
Fire hydrant	À		•
Water meter	<b>=</b>	a m	
Post indicator valve	•⊗	<b>=</b>	-6
Siamese connection	D	•⊗	30
Post hydrant	٥P	ID.	~ •P
Backflow preventor	B.F.P.	B.F.P.	B.F.P.
Sanitary sewer manhole	One	(R.F.Ъ.)	•
Sanitary sewer single cleanout	•	•	•
Sanitary sewer double cleanout	00	••	• • •
Storm drain manhole	⊙ SD	<u>o</u>	<b>©</b>
Single storm drain inlet		<b></b>	•
Grading spot elevations	× 6779.2	_	TC=25.00 FL=24.50
Electric/Communications spots	O ELEC/COMM	ê	OE/C
Communications pedestal	☐ CP	U	
Unidentified feature	<u> </u>		
Post/sign	• os		
i usiy sigii	- V3		

	<b>ABBREVIATIONS:</b>		
Bottom of footing	BOF	Top of curb	TC
Bottom of wall	BOW	Top of footing	TOF
Existing ground	EG	Top of concrete	TCO
Finish grade	FG	Top of retaining wall	TOR
Finish floor	FF	Top of sidewalk	TSW
Flowline	FL	Top of wall	TW
Invert	INV	Rim	RIM
Top of asphalt	TA	Not in contract	NIC

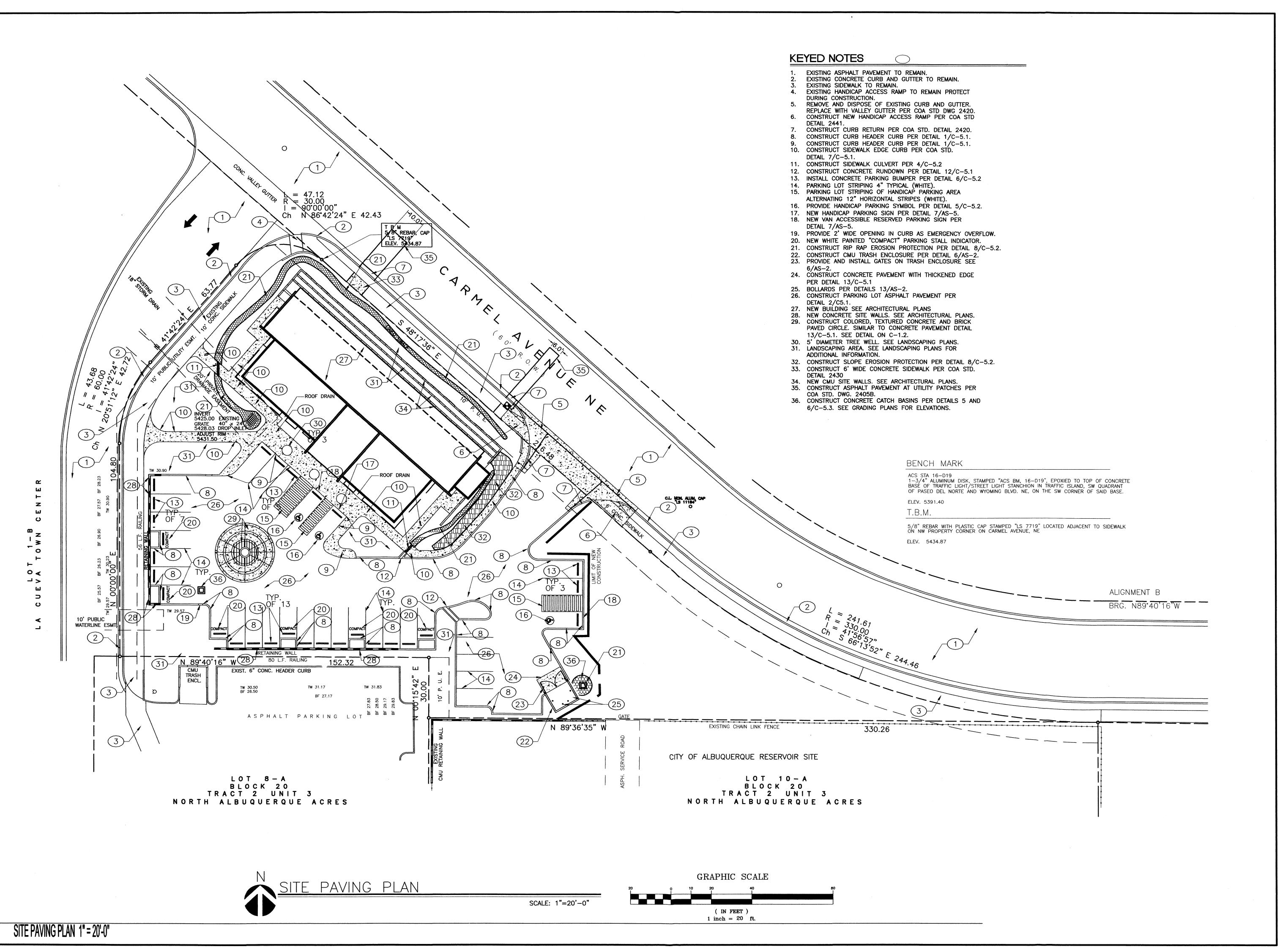


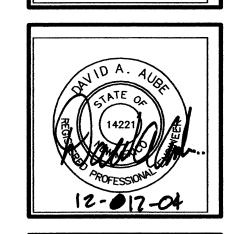
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ENERAL (J CIVIL

N DENTAL
E - ALBUQUERQU
DECEMBER, 2004 g HEFLIN

CARMEL



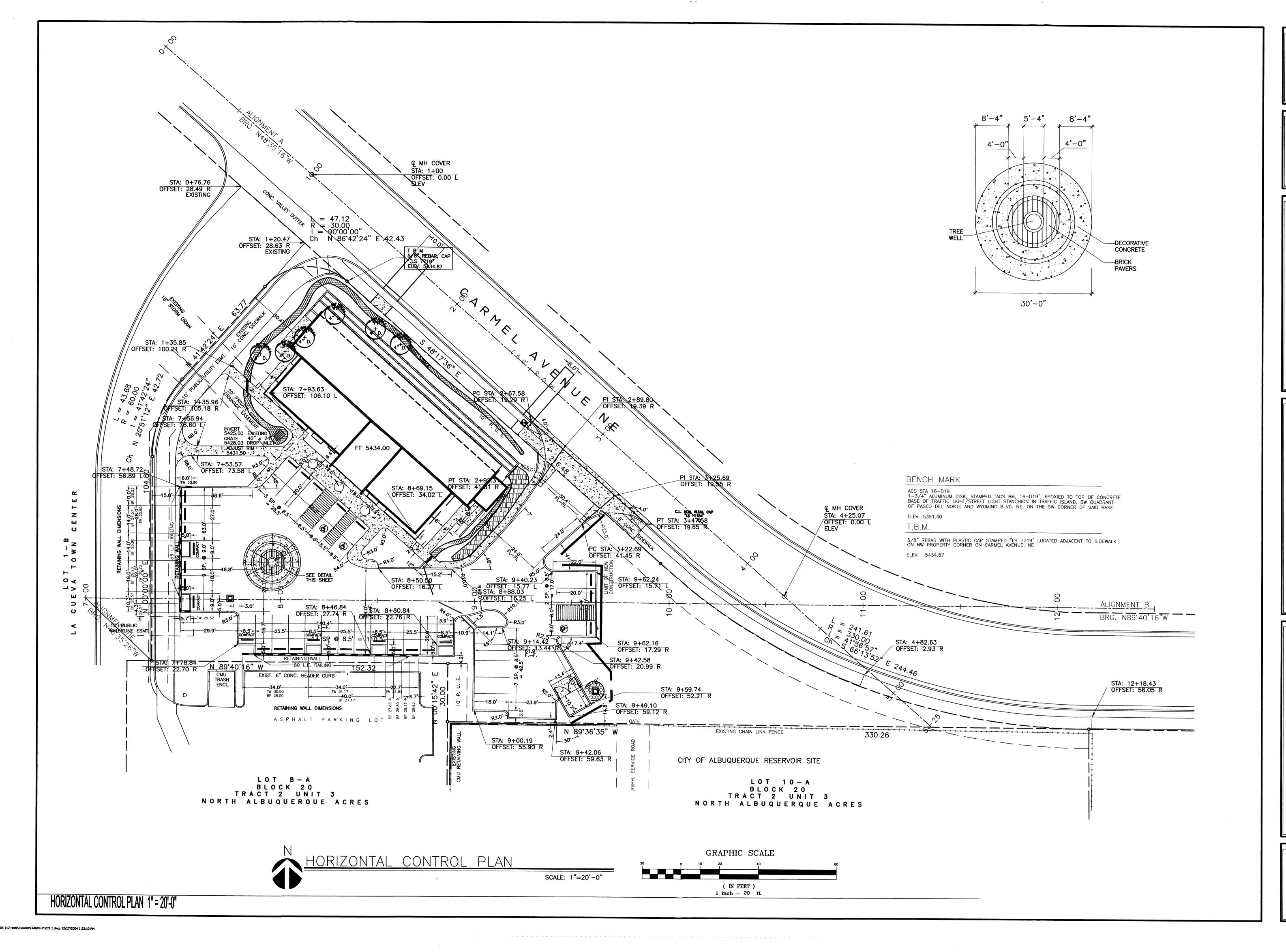


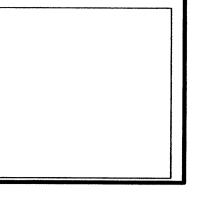
SITE PAVING PLAN

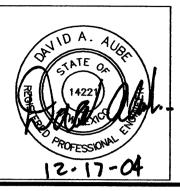
HEFLIN DENTAL CLINIC CARMEL NE - ALBUQUERQUE, NM

ARCHITECTS
ALBUQUERQUE, NEW MEXICO 87102

C-1.1





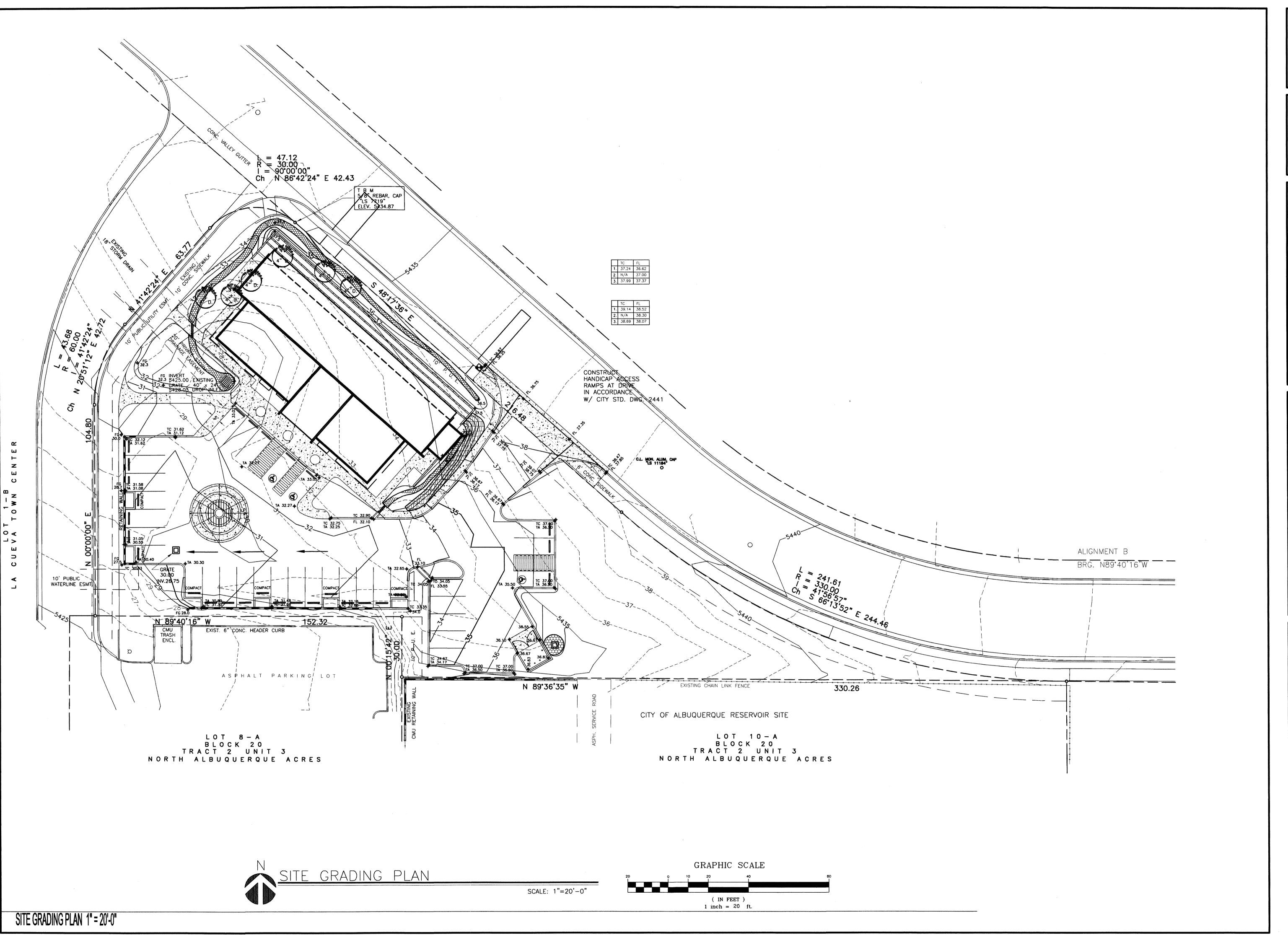


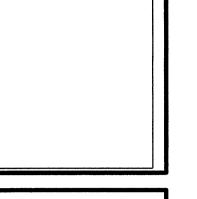
HORIZONTAL CONTROL PLAN

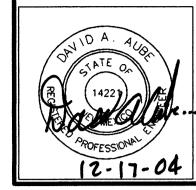
HEFLIN DENTAL CLINIC CARMEL NE - ALBUQUERQUE, NM DECEMBER, 2004

ARCHITECTS
ALBUQUERQUE, NEW MEXICO 87102

C-1.2







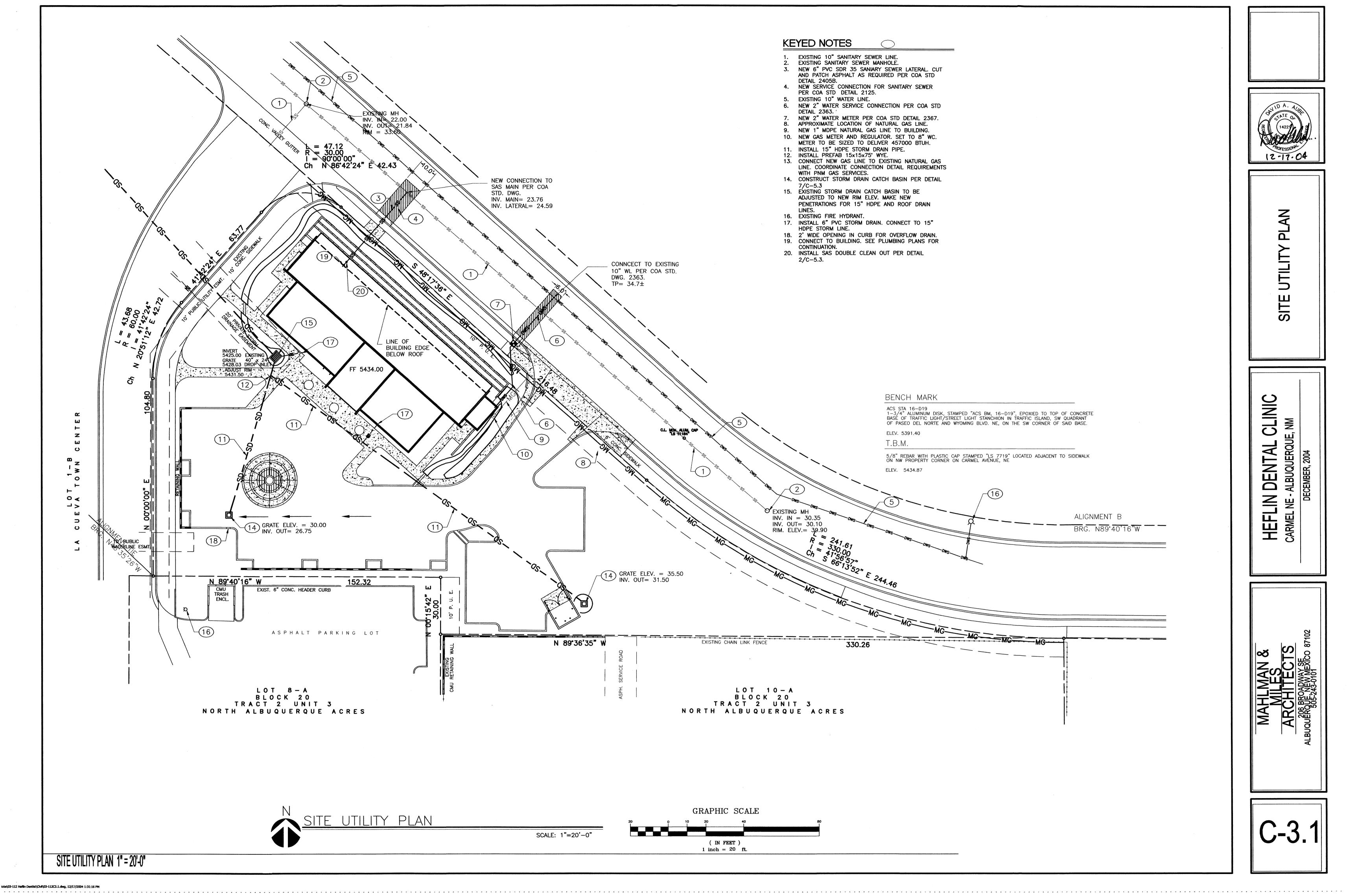
SITE GRADING PLAN

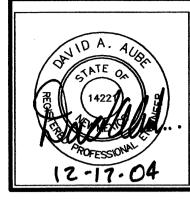
HEFLIN DENTAL CLINIC
CARMEL NE - ALBUQUERQUE, NM
DECEMBER, 2004

MAHLMAN &
MILES
ARCHITECTS

ALBUQUERQUE, NEW MEXICO 87102

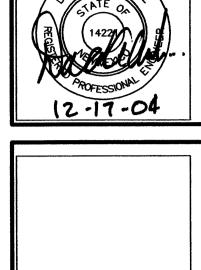
C-2.1





P SITE

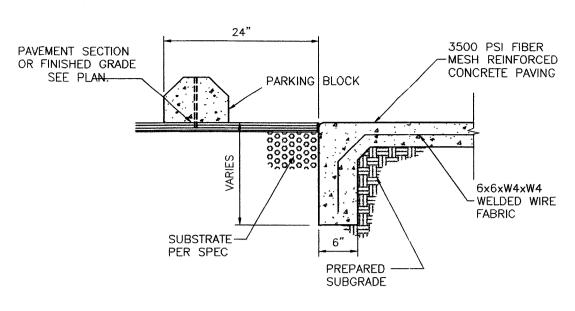
CLINIC IA HEFLIN DEN CARMEL NE - ALBUQU



DETAILS PAVING

CLINC RQUE, A ALBUQUEF HEFLIN DENT

MA



#3 NOSING BAR

<sup>7</sup>" MAX./4"MIN.

-1/2" EXP. JT.

(2)#4 CONT.

NOTE: SEE 12/AS-2 FOR HANDRAIL

iobs\03-112 Heffin Dentist\Civi\03-112C5.1.dwg, 12/17/2004 1:36:06 PM

#4 @ 12"<sup>-</sup> O.C. E.W.

EXTERIOR CONCRETE STAIR SECTION

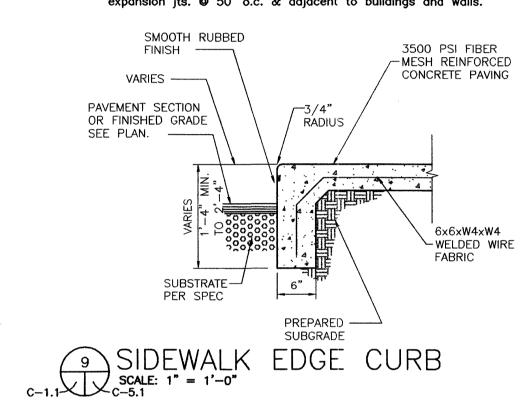
NOT TO SCALE

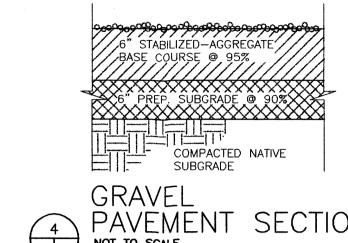
C-1.1

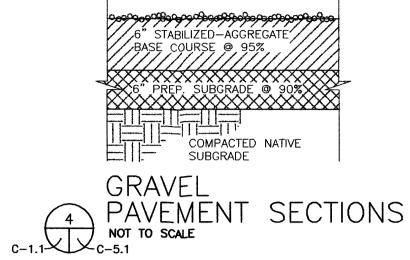
SIDEWALK EDGE OF CURB AT HANDICAP PARKING AREA

## CURB & GUTTER CONSTRUCTION NOTES:

- Curbs, gutters & cut-off walls to be constructed of 3500 psi P.C.C. unless otherwise noted.
- Edges not specifically dimensioned shall be edged with a 3/8" Remove & replace 12" wide strip of pavement beyond lip of
- gutter when constructing curb & gutter adjacent to existing a.c. pavement. Dimensions at rounded corners measured to intersection
- For all other curbing provide control jts. @ 10' o.c., provide expansion jts. © 50' o.c. & adjacent to buildings and walls.

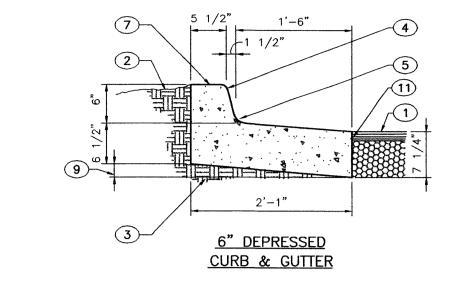






TYPE "A" PLAN

TYP. CURB RAMP PLAN

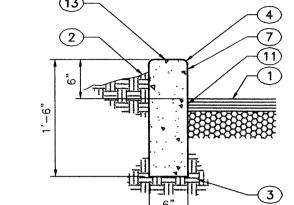


## KEYED NOTES:

- Finished grade.
- 3. Prepared subgrade 4. 3/4" radius. 5. 1 1/2" radius. 6. Not used. Concrete curb.

8. Not used.

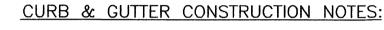
11. Tack coat. 13. Smooth rubbed



2'-1"

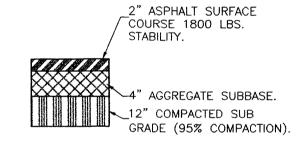
6" CURB & GUTTER

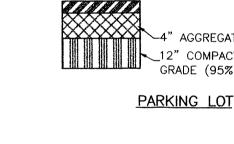
6" HEADER CURB

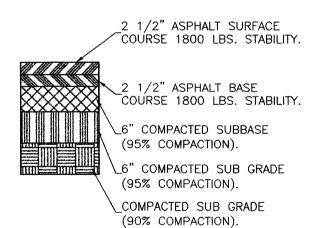


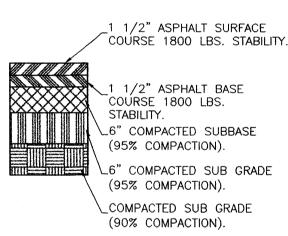
- A. Curbs, gutters & cut-off walls to be constructed of 3500 psi P.C.C. unless otherwise noted.
- B. Edges not specifically dimensioned shall be edged with a 3/8"
- C. Remove & replace 12" wide strip of pavement beyond lip of gutter when constructing curb & gutter adjacent to existing a.c. pavement.
- D. Dimensions at rounded corners measured to intersection of straight lines.
- E. For 6" curb & gutter provide control jts. @ 6' o.c. max, also provide 1/2" expansion jts. at 30' o.c. max, at curb returns, & at each side of driveways.
- F. For all other curbing provide control jts. @ 10' o.c., provide expansion its. @ 50' o.c. & adjacent to buildings and walls.







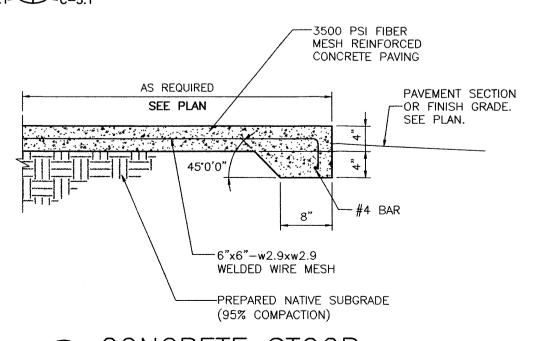




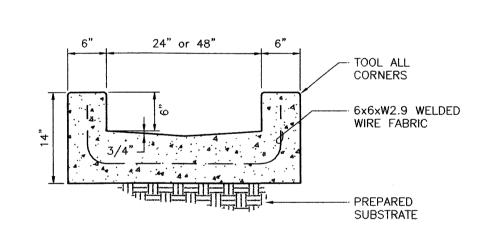
MAIN DRIVE





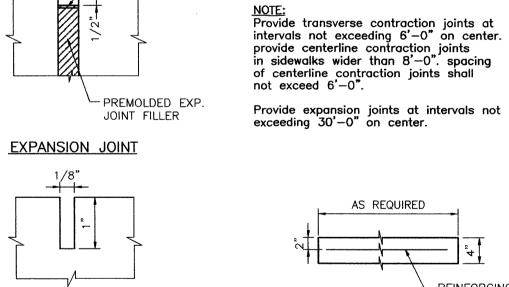


CONCRETE STOOP NOT TO SCALE



NOTE: See plan for elevations @ weir opening, & sidewalk culvert (top of wall, invert, Top of concrete, top of curb, etc.).





KEYED NOTES:

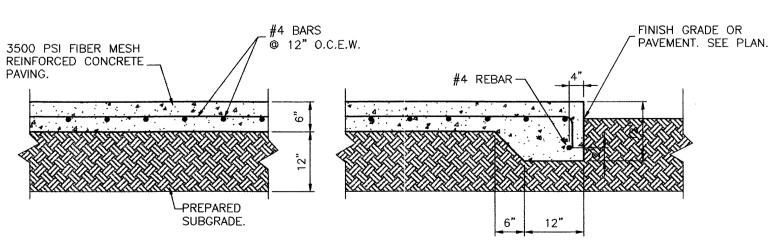
1. LEVEL LANDING AREA

CONC. CURB, SEE

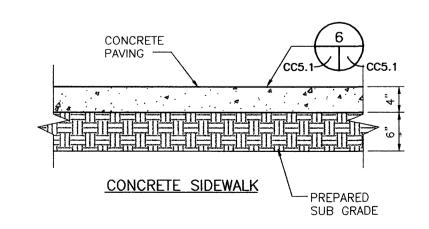
PLANS

-REINFORCING AS REQUIRED **SECTION** 

CONTRACTION JOINT TYP. SIDEWALK AND JOINT DETAILS

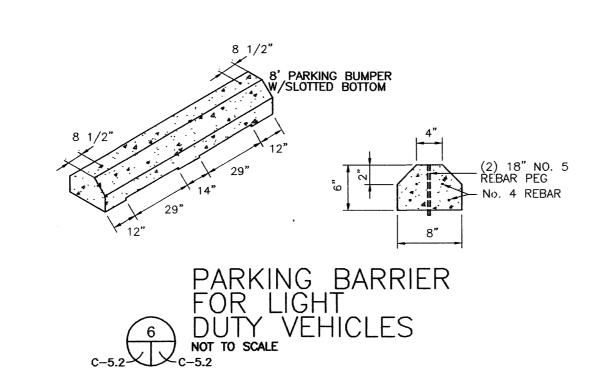


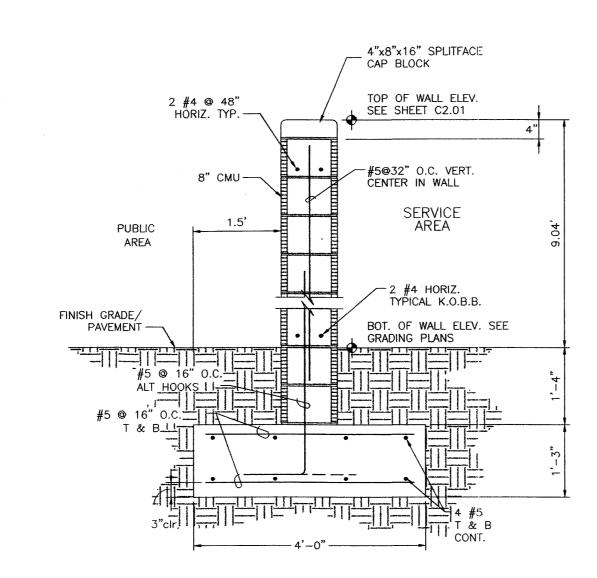
CONCRETE PAVEMENT



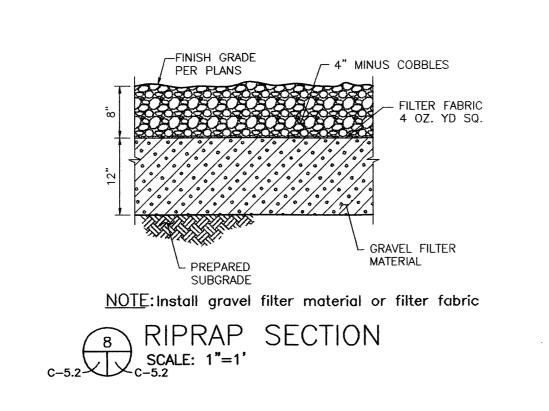
TYPICAL SIDEWALK PAVING

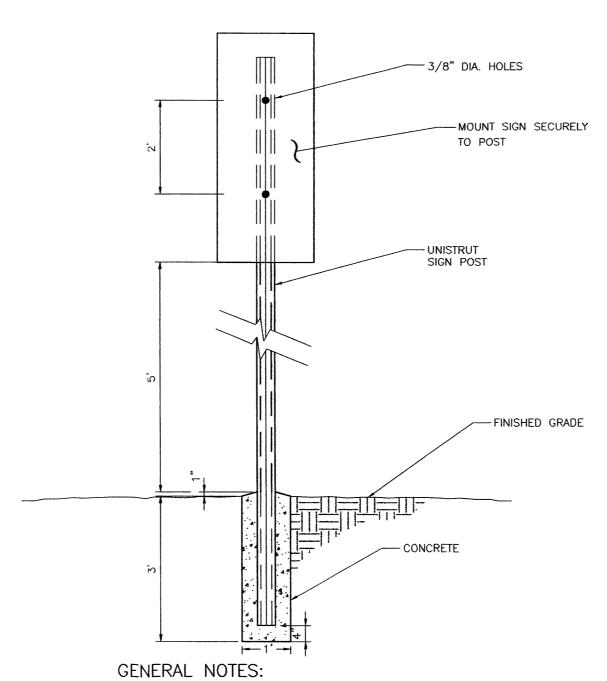
scale: 1" = 1'-0"





CMU SCREEN WALL DETAIL
C-1.1 CMU SCREEN WALL DETAIL



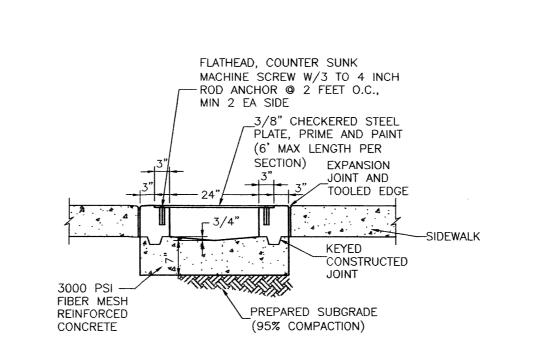


 SET POSTS IN CONCRETE TO A MINIMUM DEPTH OF 3'-0". USE
 A 2" STEEL FLANGED CHANNEL FOR SIGN POSTS. FABRICATE SIGN PANELS
 OF .063 ALUMINUM. PAINT POST POSTAL BLUE, (MATTE FINISH). 2. LOCATE POSTS 2'-0" BACK FROM ADJACENT CURBS, UNLESS NOTED OTHERWISE. ALL 2" FLANGED CHANNEL SIGN POSTS TO BE INSTALLED WITH WITH BREAK AWAY CONNECTION.
 ALL SIGNS TO HAVE AN ANTI GRAFFITI COATING, BOTH SIDES. TRAFFIC SIGN MOUNTING DETAIL

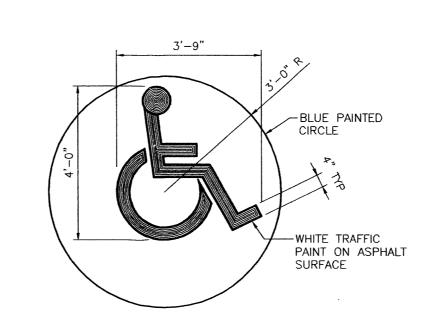
C-5.2

TRAFFIC SIGN MOUNTING DETAIL

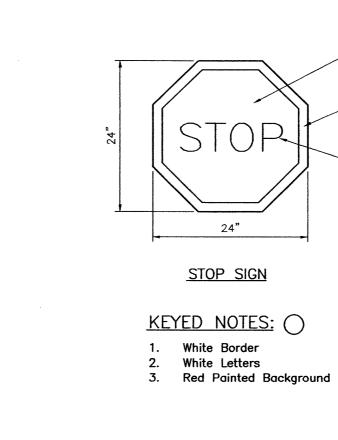
C-5.2







RESERVED PARKING
SPACE SYMBOL
SCALE: 1/2" = 1'-0"



For Sign Installation Refer To Detail 11/C-5.2.

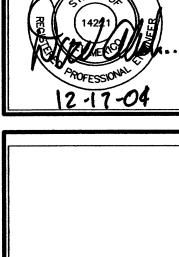
TYPICAL TRAFFIC SIGNS

2.35"

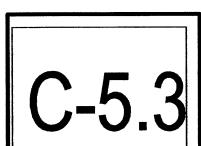
DETECTABLE WARNING

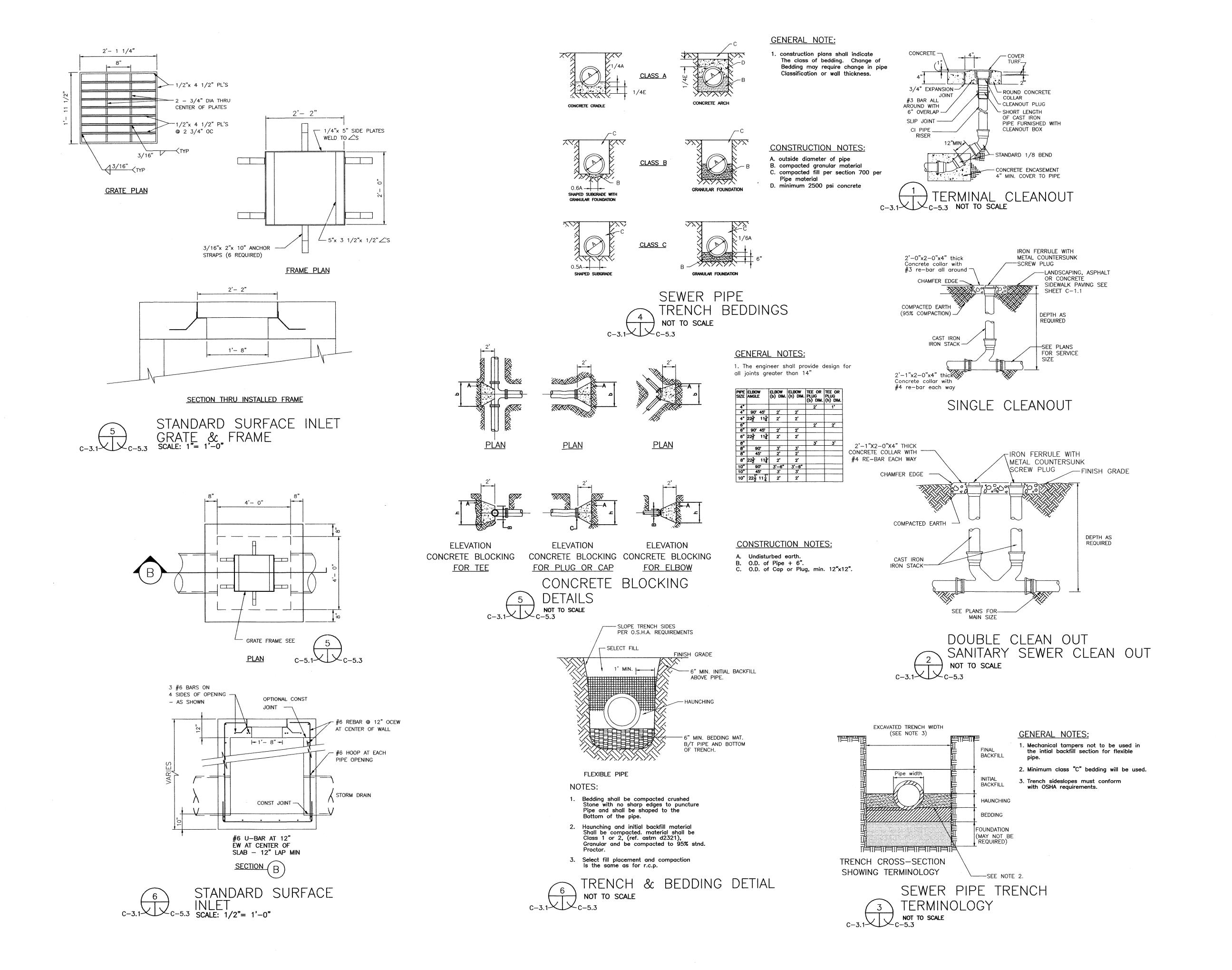
SURFACE SECTION

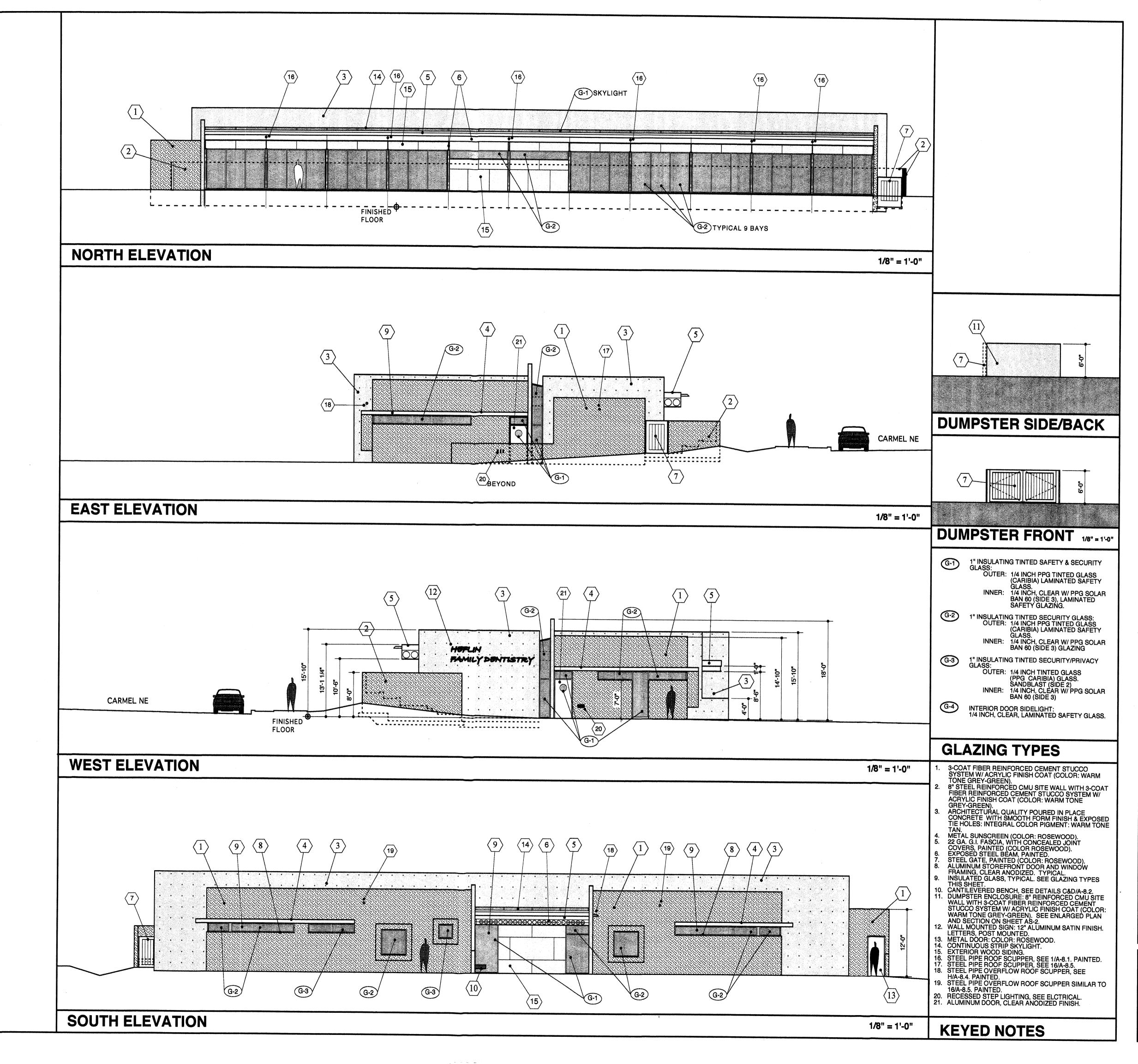
C-5.2 SUINI, NOT TO SCALE

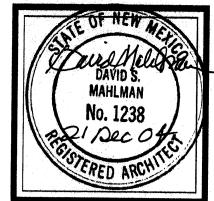


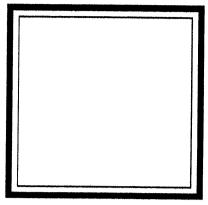
DECEMBER, 2004









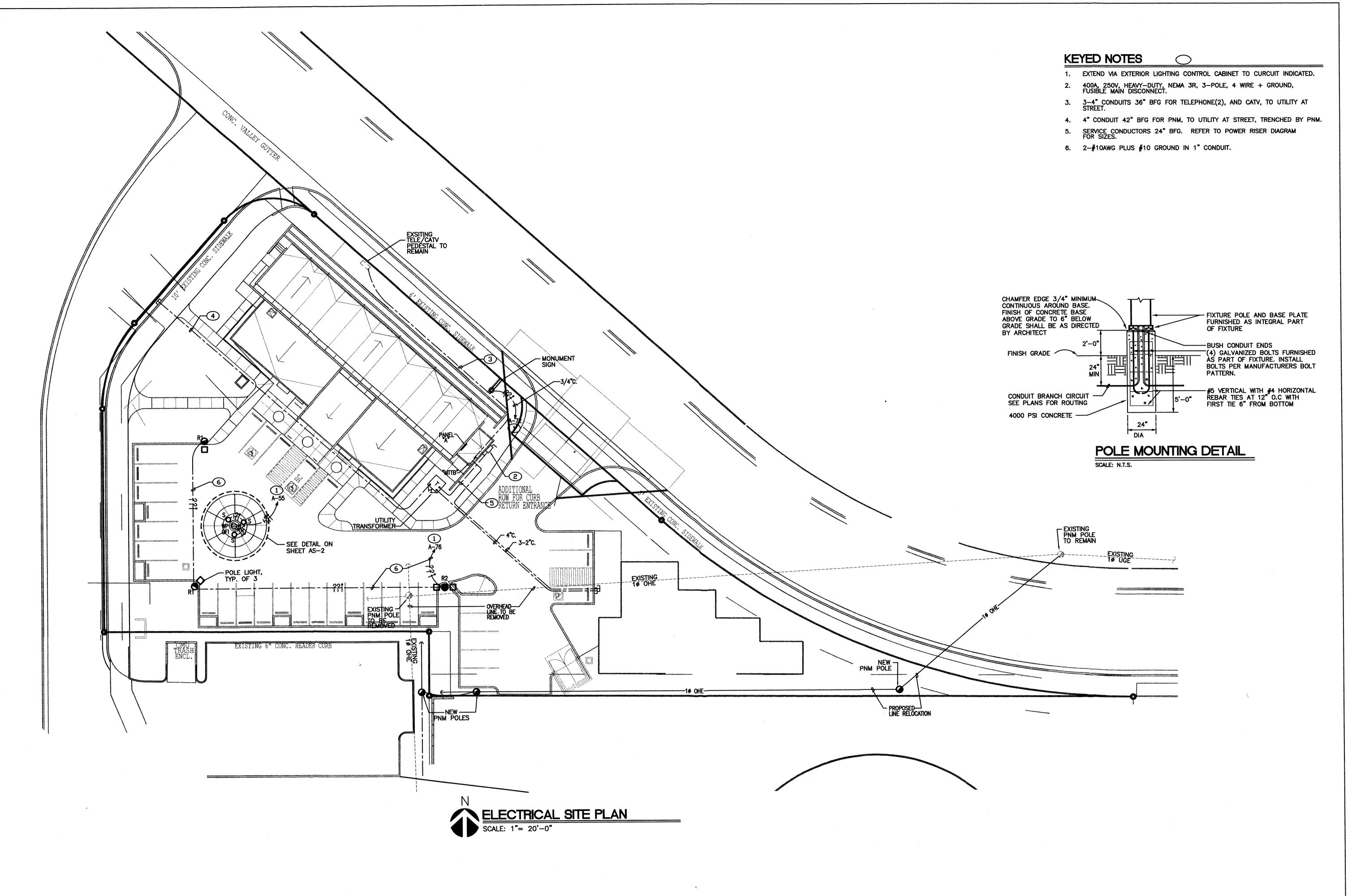


(TERIOR ELEVATIONS

HEFLIN DENTAL CLINIC
CARMEL NE - ALBUQUERQUE, NM
DECEMBER 2004

MILES
ARCHITECTS
206 BROADWAY SE
ALBUQUERQUE, NEW MEXICO 87102
505-243-0101

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# TELCK-HENSLEY ENGINEERING GROUP

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RECK SELECT AND ARCHESSION ARCHES

ELECTRICAL SITE PLAN

HEFLIN DENTAL CLINIC 9999 CARMEL NE - ALBUQUERQUE, NM

ARCHITECTS
206 BROADWAY SE
ALBUQUERQUE, NEW MEXICO 87102

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