



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 3, 2001

Thomas F. Southgate, P.E.
SOUTHGATE ASSOCIATES, LIMITED
4385 N. 75th Street, Suite 100
Scottsdale, Arizona 85251

**Re: Grading and Drainage Certification – TGI Friday's
(B-14/D004D) (Coors & Coors-by-pass)
Engineer's Stamp dated 7/14/2000
Engineering Certification dated 11/29/2000**

Dear Mr. Southgate:

Based upon the information provided in your submittal dated November 30, 2000, the above referenced site is approved for Permanent Certificate of Occupancy.

Please note that SO #19 approval from the City's Storm Drainage Maintenance was received 1/3/2001.

If I can be of further assistance, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Senior Civil Engineer, PWD

C: Vickie Chavez
Teresa Martin
file

GENERAL NOTES TO CONTRACTOR -

- ALL WORK SHALL COMPLY WITH THE LATEST STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND ALL APPLICABLE ORDINANCES OF THE CITY OF ALBUQUERQUE AND TOGETHER WITH ANY AND ALL REGULATIONS OF ANY AUTHORITIES HAVING JURISDICTION. WHENEVER INCONSISTENCIES OR CONFLICTS ARISE THE MOST STRINGENT SHALL APPLY.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL NOTIFY ALL REQUIRED AGENCIES AT LEAST 48 HOURS IN ADVANCE OF WORK.
- CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS.
- ALL GRADING, PAVING AND RELATED WORK SHALL BE DONE IN CONFORMANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS AND DETAILS, LATEST EDITION AND SOILS REPORT PREPARED BY WESTERN TECHNOLOGIES INC., DATED MARCH 3, 2000.
- NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL, AND OTHER DELETERIOUS MATERIAL.
- CONTRACTOR SHALL SCHEDULE ALL REQUIRED INSPECTIONS AND TESTING AND PROVIDE ALL NECESSARY SOILS TESTING TO VERIFY THAT ALL SITE WORK HAS BEEN COMPLETED IN COMPLIANCE WITH THE SOILS REPORT AND SOILS ENGINEER.
- CALL NEW MEXICO ONE CALL HELP TWO WORKING DAYS BEFORE YOU DIG: 1-505-280-1990.
- DURING ROUGH GRADING OPERATIONS AND PRIOR TO CONSTRUCTION OF PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHOULD BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES.
- DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS.
- ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST CONTINUE TO FUNCTION, ESPECIALLY DURING STORM CONDITIONS. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT ADJOINING PROPERTIES DURING GRADING OPERATIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT AND MAKE NECESSARY ARRANGEMENTS WITH APPROPRIATE UTILITY COMPANIES PRIOR TO THE BEGINNING OF CONSTRUCTION.
- ANY DEVIATION FROM THESE PLANS NOT APPROVED IN WRITING BY THE JURISDICTIONAL AUTHORITY, THE OWNER/DEVELOPER, OR THE DESIGN ENGINEER, SHALL BE AT THE SOLE RESPONSIBILITY OF THE CONTRACTOR IF THERE IS ANY QUESTION REGARDING THESE PLANS, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ALL WORK BY CALLING THE ENGINEER OF WORK AT 602-970-6862.
- ANY UNDERGROUND UTILITY LINES SHOWN IN THE WORK AREA ARE TAKEN FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO OBSTRUCTIONS AND UTILITY LINES ENCOUNTERED DURING CONSTRUCTION AND SHALL DETERMINE THE EXACT LOCATION AND DEPTH OF UTILITIES IN ADVANCE OF HIS WORK. IF EXISTING UTILITY LINES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, CONTRACTOR TO NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
- NOTHING CONTAINED IN THE PLANS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS, OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND HE WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THESE PLANS.
- ANY AND ALL EXISTING ITEMS, EXCEPT THOSE THAT ARE TO BE REMOVED, SHALL BE PROTECTED BY THE CONTRACTOR. CONTRACTOR SHALL REPLACE ANY AND ALL ITEMS THAT ARE REMOVED OR DAMAGED DURING THE COURSE OF HIS WORK TO THE SAME OR BETTER CONDITION AT HIS EXPENSE.
- PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, QUANTITIES, AND REQUIREMENTS OF THE WORK, AND EXCESS OR DEFICIENCY IN QUANTITIES, IF ANY. NO CLAIM SHALL BE MADE AGAINST THE OWNER/DEVELOPER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
- CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND THE ENGINEER FROM ALL SUITS, ACTIONS OR CLAIMS OF ANY CHARACTER BROUGHT FOR, OR ON ACCOUNT OF ANY INJURIES TO, OR DAMAGES RECEIVED BY ANY PERSON, PERSONS OR PROPERTY RESULTING FROM THE OPERATIONS OF THE CONTRACTOR OR ANY OF HIS SUBCONTRACTORS IN PROSECUTING THE WORK UNDER THIS PROJECT, EXCEPT ONLY SUCH DAMAGE, OR INJURY AS SHALL HAVE BEEN OCCASIONED BY THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- ALL TOP OF CURBS ARE 0.5' ABOVE GIVEN PAVEMENT GRADES UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECT'S PLANS FOR BUILDING DIMENSIONS, SITE LAYOUT AND COMPLETE SITE DIMENSIONS.
- ALL ACCESSIBLE RAMPS AND PARKING SPACES SHALL COMPLY WITH A.D.A. AND CITY OF ALBUQUERQUE STANDARDS/REQUIREMENTS.
- ALL ONSITE PAVING AND CURBING MATERIALS AND CONSTRUCTION SHALL BE DONE IN CONFORMANCE WITH C. OF ALBUQUERQUE STANDARD SPECIFICATIONS AND DETAILS, LATEST EDITION AND SOILS REPORT PREPARED BY WESTERN TECHNOLOGIES, INC. DATED MARCH 3, 2000.
- ALL HORIZONTAL AND VERTICAL CONTROL TAKEN FROM A.L.T.A. SURVEY PREPARED BY SOUTHWATE ASSOCIATES, LTD. AND DATED APRIL 14, 2000. FOR ADDITIONAL INFORMATION REFER TO THIS DOCUMENT.
- COMPACTED BUILDING PAD SHALL EXTEND 5 FEET BEYOND OUTER EDGE OF BUILDING AND BUILDING SIDEWALK.
- PROPOSED SITE PLAN TAKEN FROM ELECTRONIC MEDIA PREPARED BY SCHUSS-CLARK.
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LEGAL DESCRIPTION -

THAT CERTAIN PARCEL OF LAND SITUATE WITHIN THE TOWN OF ALAMEDA GRANT IN PROJECTED SECTION 8, TOWNSHIP 11 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, COMPRISING ALL OF TRACT C-4, OF THE COTTONWOOD MALL, AS SAME IS SHOWN AND DESIGNATED ON THE PLAT ENTITLED "REPLAT OF TRACTS H-1 AND H-2, SEVEN-BAR RANCH, NOW COMPRISING COTTONWOOD MALL, ALBUQUERQUE, NEW MEXICO", FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON JANUARY 6, 1995 IN VOLUME 95C, FOLIO 5.

CONTAINING 1.54 ACRES

PROJECT BENCH MARK -

NORTHEAST CORNER OF STORM DRAIN MANHOLE AT NE CORNER OF COORS BOULEVARD AND COORS BOULEVARD BYPASS.

ELEVATION = 5048.63 (C.O.A. DATUM)

EARTHWORK QUANTITIES -

CUT (ESTIMATED QUANTITY-PURE VOLUME) 1,037 C.Y.
FILL (ESTIMATED QUANTITY-PURE VOLUME) 209 C.Y.

NOTE: THE QUANTITIES SHOWN ABOVE ARE FOR PERMIT AND/OR BONDING PURPOSES ONLY, AND ARE NOT TO BE USED FOR BIDDING OR FINAL PAY QUANTITIES.

DEVELOPER -

MAIN STREET AND MAIN INCORPORATED
5050 N. 40TH STREET, SUITE 200
PHOENIX, ARIZONA 85016
602 / 852-9000

DRAINAGE CHARACTERISTICS -

EXISTING CONDITIONS:

THE SITE IS A 1.54 ACRE VACANT PARCEL LOCATED ON THE COTTONWOOD MALL PROPERTY AT THE SOUTHEAST CORNER. THE APPROVED MASTER DRAINAGE REPORT (MDR) FOR THE COTTONWOOD MALL, PREPARED BY BOHANNAN-HUSTON INC., INCLUDES THE SUBJECT PROPERTY DESIGNATED AS A BASIN C-2 ON PLATE 1 OF THE MDR. ACCORDING TO THE MDR, THIS SITE, BASED ON THE DESIGNATED LAND TREATMENTS, HAS A DEVELOPED RUNOFF RATE OF 4.37 CFS/ACRE. THE RUNOFF FROM THIS AREA IS TRIBUTARY TO THE EXISTING STORM DRAIN SYSTEM AND ADJACENT BASIN.

OFFSITE FLOWS:

NO OFF-SITE STORM FLOWS ENTER ONTO OR PASS THROUGH THE SITE.

FLOOD HAZARD:

THE SITE IS IN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN, WHICH IS NOT A SPECIAL FLOOD HAZARD AREA ACCORDING TO PANEL 35001C10109D, DATED SEPTEMBER 20, 1996. (SEE MAP THIS SHEET)

ONSITE STORM WATER CALCULATIONS -

THE RUNOFF FLOWS SHOWN BELOW WERE COMPUTED FOR 100-YEAR, 6-HOUR EVENT BASED ON CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL STANDARDS. THE PIPES WERE SIZED BY ADDING THE PEAK FLOWS FROM THE CONTRIBUTING CATCHMENTS.

THE DESIGN AND ACTUAL FLOW CAPACITIES FOR THE PROPOSED STORM DRAINS ARE NOTATED BELOW AND IN THE CONSTRUCTION NOTES FOR EACH SEGMENT OF PIPE ON SHEET 2.

STORM DRAIN LINES							
LINE	MATERIAL	SIZE (INCHES)	SLOPE (%)	100-YR FLOW RATE (CFS)	CAPACITY (CFS)	INLET CAPACITY REQUIRED/PROVIDED (CFS AT 0.2' DEEP)	
SDL-1	P.V.C. C-900, CLASS 200	10"	0.30	1.20	2.20	1.20/4.90	
SDL-2	P.V.C. C-900, CLASS 200	10"	0.30	1.58	2.20	1.58/4.90	
SDL-3	R.C.P. CLASS III	12"	2.50	4.82	5.63	2.04/4.90	

NOTE - ALL CALCULATIONS ARE BASED ON A MANNING'S N VALUE OF 0.015.

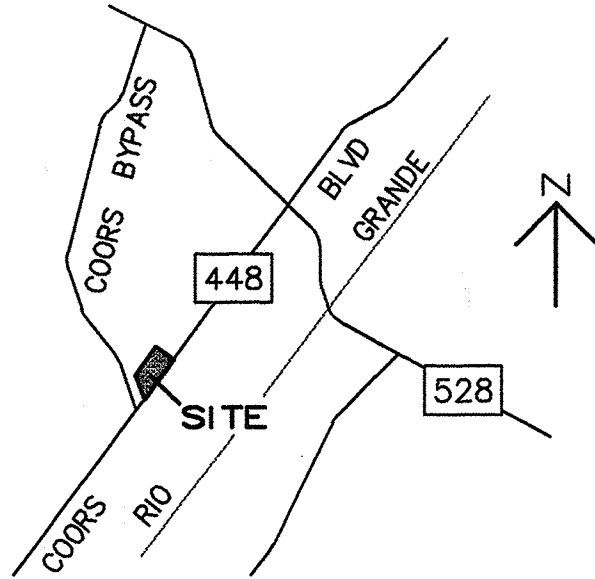
RUNOFF VOLUMES								
CATCHMENT	AREA (ACRES)	%A	%B	%C	%D	100-YR RUNOFF (CFS)	10-YR RUNOFF (CFS)	
①	0.28	0	0	6	94	1.20	0.80	
②	0.53	0	19	4	77	2.04	1.37	
③	0.38	0	5	5	90	1.58	1.06	
④	0.18	0	20	0	80	0.70	0.48	
⑤	0.10	0	100	0	0	0.20	0.11	
⑥	0.07	0	100	0	0	0.14	0.09	
TOTAL	1.54					5.86	3.91	

BASIN C-2: 4.37 CFS/ACRE X 1.54 ACS = 6.73 CFS (ALLOWABLE) > 5.86 CFS (ACTUAL)

PROPOSED DRAINAGE CONDITIONS:

THE IMPROVED SITE WILL CONSIST OF A SIT DOWN RESTAURANT, PARKING AND LANDSCAPING. THE STORM RUNOFF IS COLLECTED INTO AN ONSITE STORM DRAIN SYSTEM AND DISCHARGED INTO THE ADJACENT EXISTING 60-INCH STORM DRAIN IN CONFORMANCE WITH THE PLANS AND DRAINAGE REPORT FOR THE MALL. A SMALL PORTION OF THE SITE WILL DRAIN INTO THE PROPOSED STORM SYSTEM FOR THE RED ROBIN. ANOTHER 0.07 ACRES OF THE SITES LANDSCAPING WILL CONTINUE TO DRAIN INTO COORS BOULEVARD.

BASED ON CRITERIA IN THE MDR THE DEVELOPED RUNOFF RATE FOR THIS SITE IS 4.37 CFS/ACRE X 1.54 ACRES = 6.73 CFS. THE CALCULATED PEAK FLOWS FROM ABOVE IS 6.73 CFS. THIS IS A DECREASE OF 0.87 CFS OR 12.9% SINCE THE RUNOFF FLOWS WERE NOT ROUTED THE GENERATED PEAK FLOWS ARE THEREFOR CONSERVATIVE IN NATURE.



VICINITY MAP
C.O. ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
NTS

LEGEND -

BOTT.	BOTTOM	x 46.04	EXISTING GRADE
B/C	BACK OF CURB	- O.H. -	OVERHEAD SERVICE
B/W	BACK OF WALK	P.	PAVEMENT
C.	CONCRETE	P.P.	POWER POLE
- - -	CONTROL JOINT	P.U.E.	PUBLIC UTILITY
CO.	CLEANOUT		EASEMENT
C.O.	CURB OPENING	R/W	RIGHT-OF-WAY
→	DRAINAGE ARROW	SD	RIP-RAP
□	ELECTRIC METER BOX	- S -	SEWER LINE
- E -	ELECTRIC LINE	SD	STORM DRAIN LINE
E/P	EDGE OF PAVEMENT	S/W	SIDEWALK
F.F.	FINISH FLOOR	□	STREET LIGHT
F.G.	FINISH GRADE	□	TELEPHONE RISER
F.H.	FIRE HYDRANT	- T -	TELEPHONE LINE
EL	FLOW LINE	T/B	TOP OF BERM
G.V.	GAS VALVE	T/C	TOP OF CURB
- G -	GAS LINE	T/W	TOP OF WALK
G.B.	GRADE BREAK	T/WALL	TOP OF WALL
G.	GUTTER	→	TRAFFIC SIGN
←	GUY WIRE	→	TRAFFIC SIGNAL
H.W.	HIGH WATER LEVEL	- U.G. -	UNDERGROUND SERVICE
- IRR -	IRRIGATION LINE	V.G.	VALLEY GUTTER
M.H.	MANHOLE	- W -	WATER LINE
(M)	MEASURED DISTANCE	W.M.	WATER METER
(R)	RECORD DISTANCE	W.V.	WATER VALVE
00	EXIST. CONTOUR	☐	TRAFFIC SIGNAL BOX
○	TREE		

NOTE:

- ADD 5000 TO ALL ELEVATIONS.
- VERTICAL CONTROL BASED ON NEW MEXICO STATE HIGHWAY COMMISSION MONUMENT "NM-448-N12" HAVING AN ELEVATION OF 5023.41 FT. (SLD 1929).

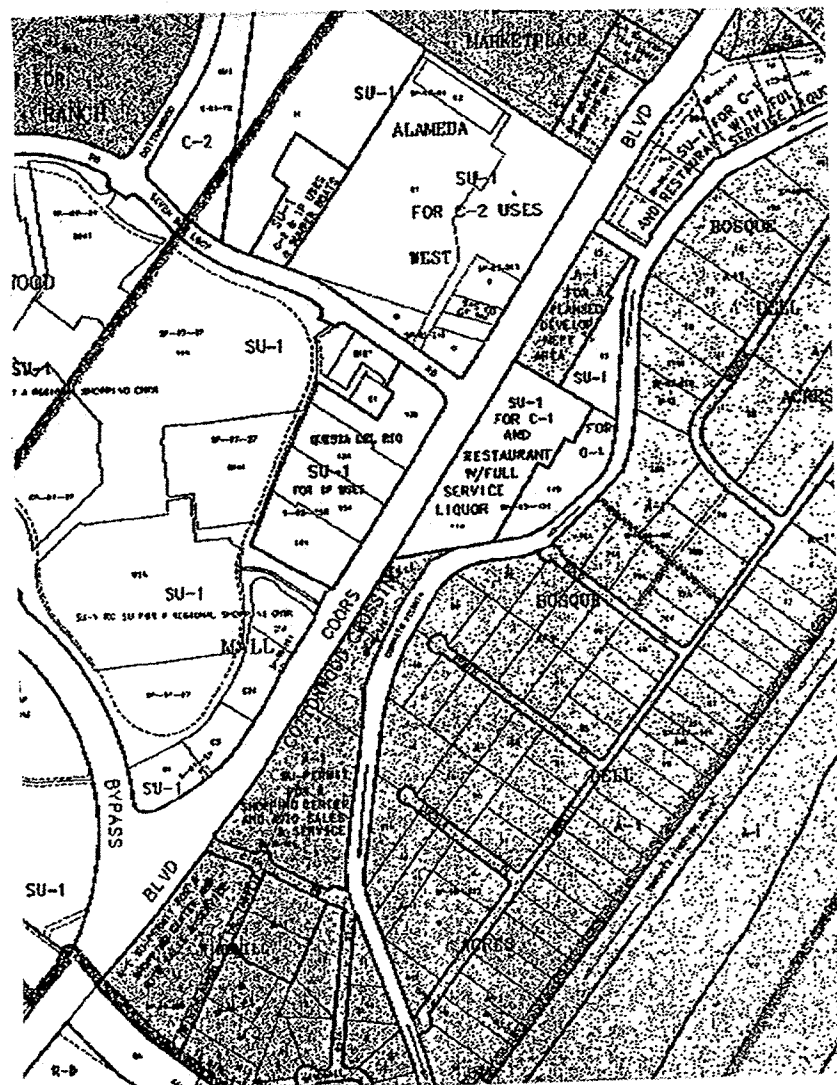
CONSTRUCTION NOTES --- STORM DRAIN LINE CONNECTION TO EXISTING MANHOLE:

- CORE DRILL INTO EXISTING STORM DRAIN TO INSTALL PROPOSED STORM DRAIN LINE. DIAMETER OF CORE DRILLED HOLE SHALL BE 2" LARGER THAN THE OUTSIDE DIAMETER OF THE STORM DRAIN LINE. CUT HOLE FOR STORM DRAIN LINE SHALL BE ALIGNED SUCH THAT A PROJECTION OF THE DRAIN LINE CENTERLINE INTERSECTS THE CENTER OF THE MANHOLE. GROUT WITH NONSHRINK, NONMETALLIC GROUT.
- STORM DRAIN LINE IN CITY RIGHT OF WAY SHALL BE REINFORCED CONCRETE PIPE CLASS IV.
- THE CITY DOES NOT ACCEPT RESPONSIBILITY FOR MAINTENANCE FOR ANY DRAIN LINES INSTALLED BY OR FOR PRIVATE PROPERTY OWNERS.

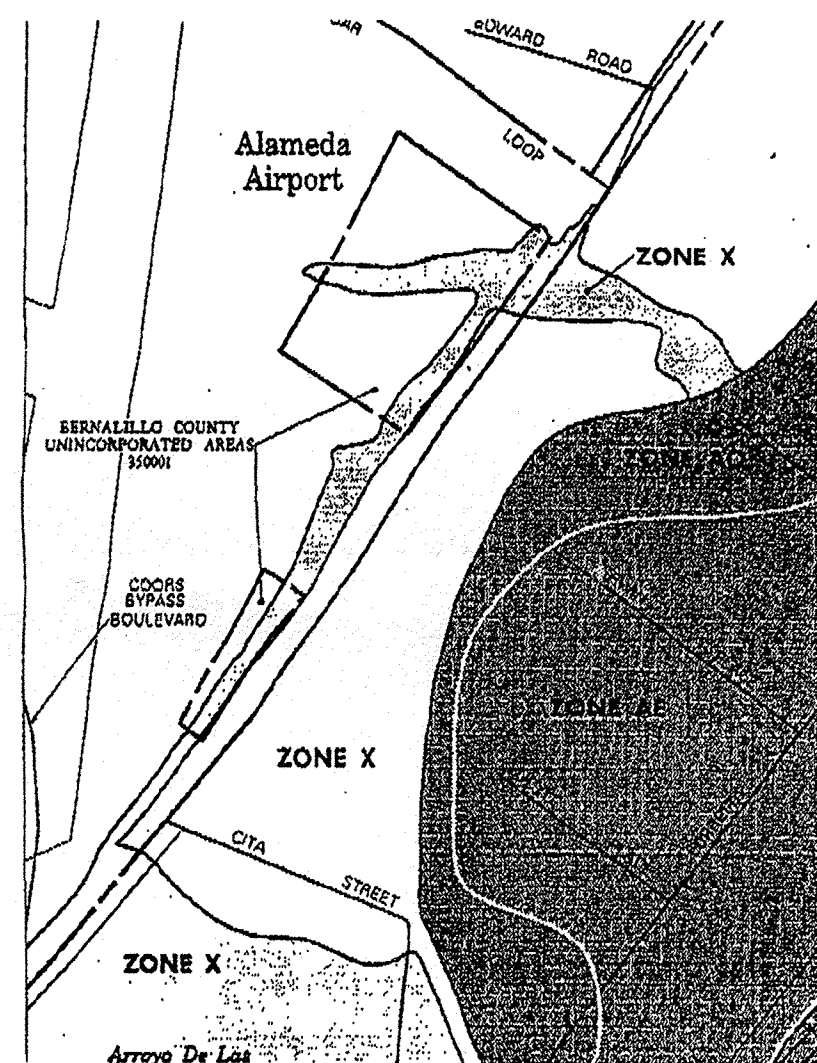
NOTICE TO CONTRACTORS -

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

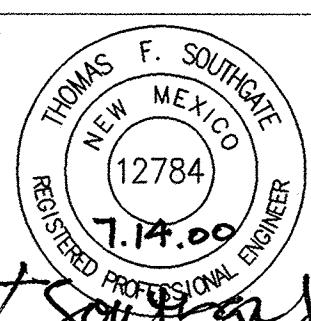
APPROVALS	NAME	DATE
INSPECTOR		



LOCATION MAP
ZONE ATLAS B-14-Z



FEMA FLOOD INSURANCE RATE MAP PANEL
35001C109DD DATED SEPTEMBER 20, 1996.



MAIN STREET & MAIN INCORPORATED
5050 North 40th St., Suite 200, Phoenix, Arizona 85016
Tele. (602) 852-9000 Fax (602) 852-9094

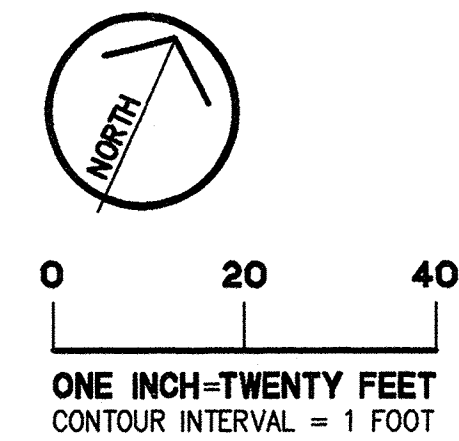
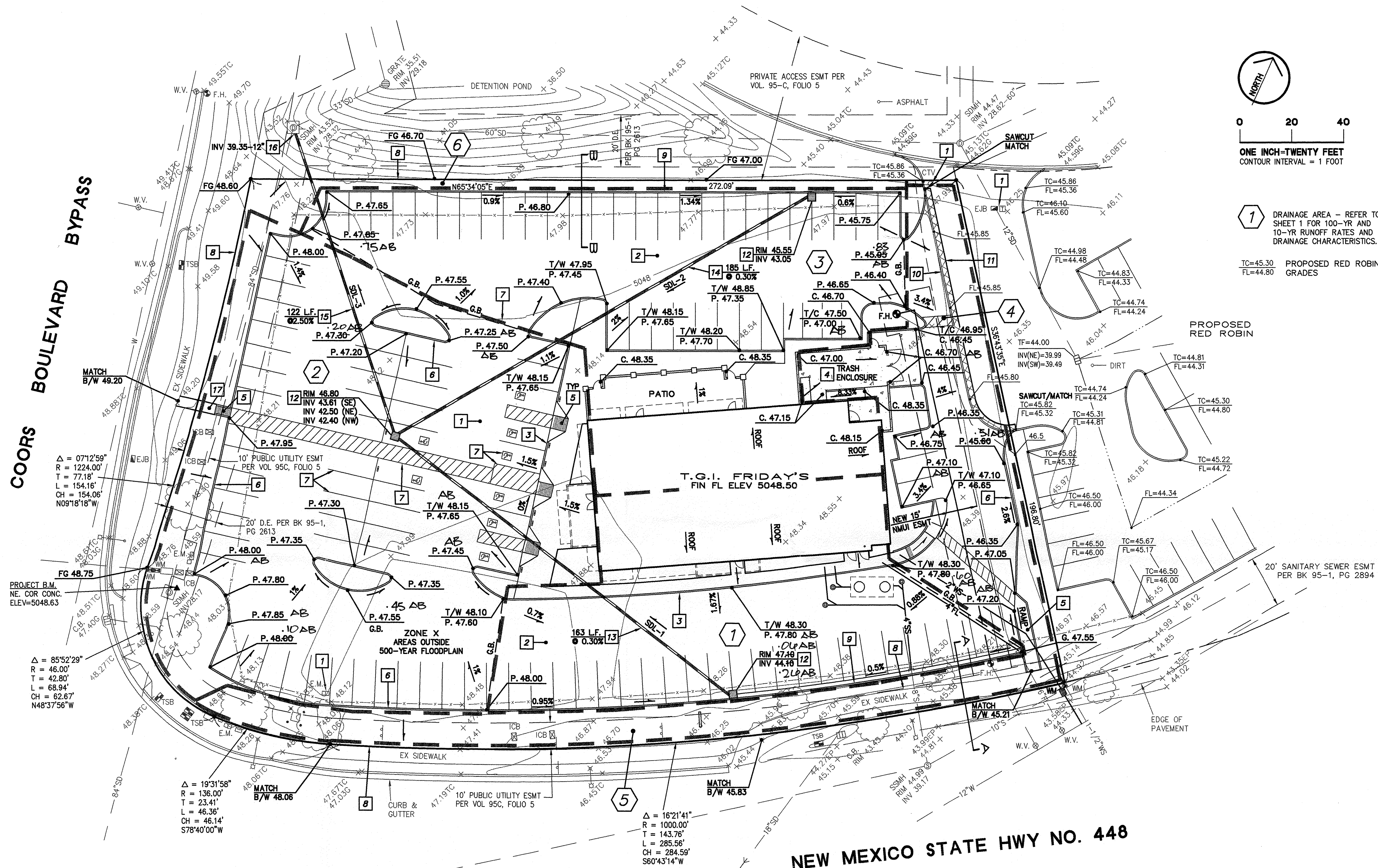
10001 COORS BOULEVARD, NW
TRACT C-4 COTTONWOOD MALL
ALBUQUERQUE, NEW MEXICO

SOUTHWATE ASSOCIATES, LIMITED
4385 N. 75th Street, Suite 100, Scottsdale, Arizona 85251
T. (480) 970-6862 F. (480) 970-3984 sgateassoc@aol.com
Civil Engineering Consultants

PROJECT NO. 99-43CV REVISIONS JULY00
DATE APRIL00

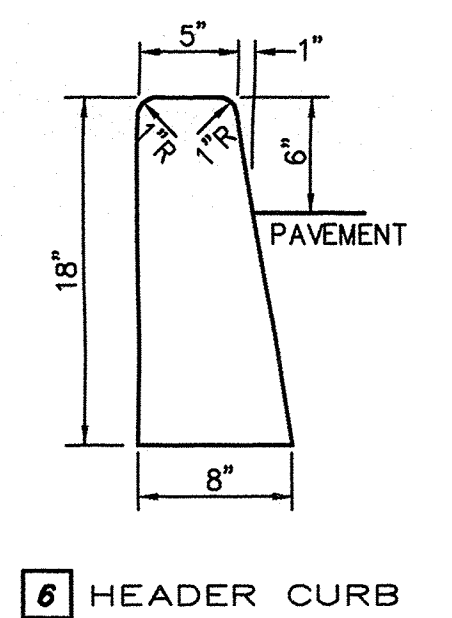
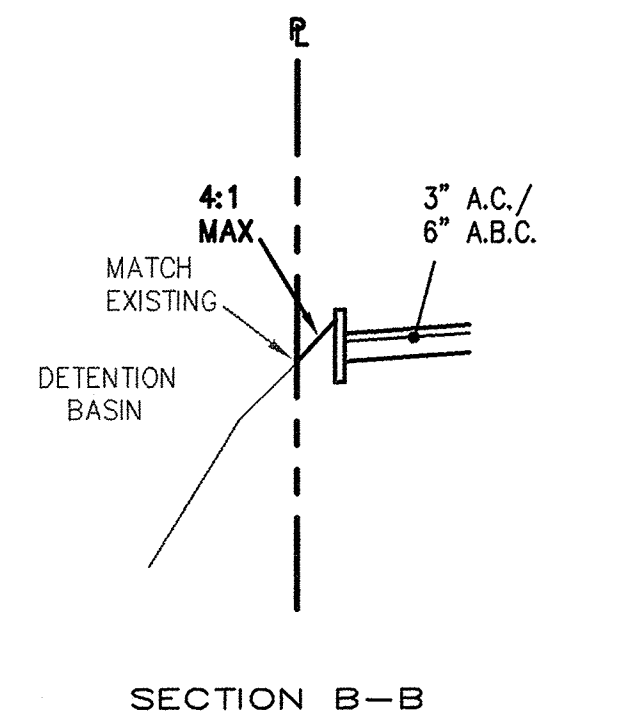
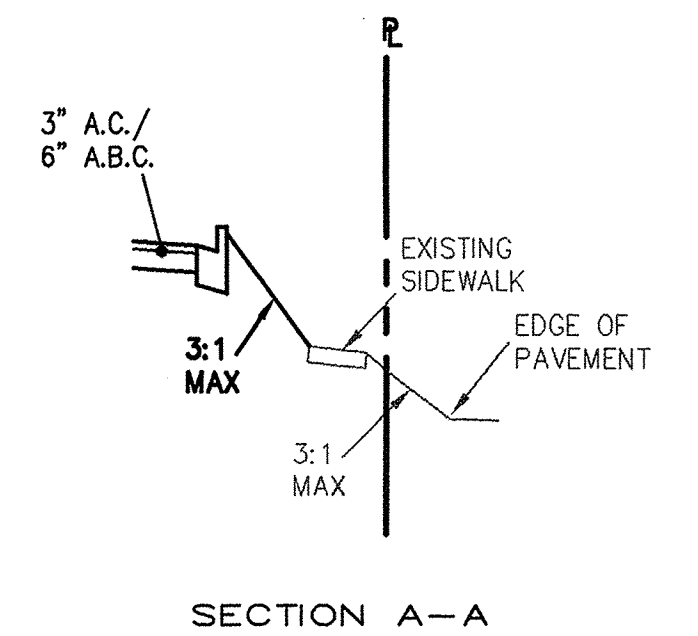
A PORTION OF SECTION 8, TOWNSHIP 11 N, RANGE 3 E,
N.M. P.M., BERNALILLO COUNTY, NEW MEXICO

CIVIL -
GRADING AND DRAINAGE PLAN 1/2



1 DRAINAGE AREA - REFER TO SHEET 1 FOR 100-YR AND 10-YR RUNOFF RATES AND DRAINAGE CHARACTERISTICS.

TC=45.30
FL=44.80 PROPOSED RED ROBIN GRADES

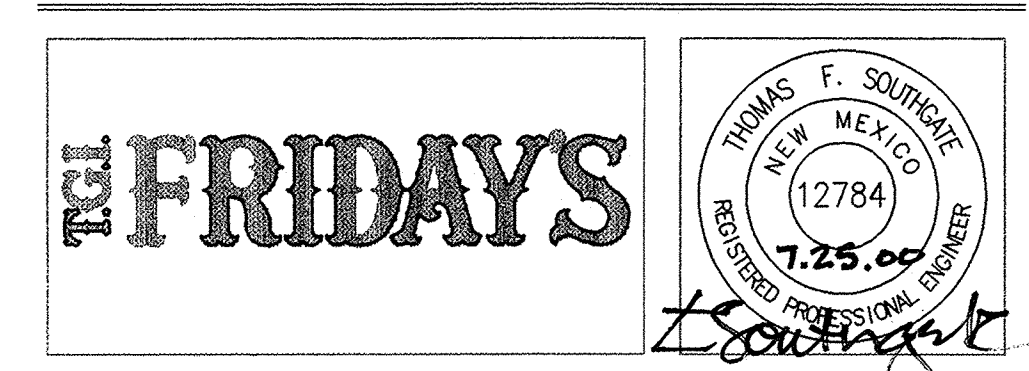
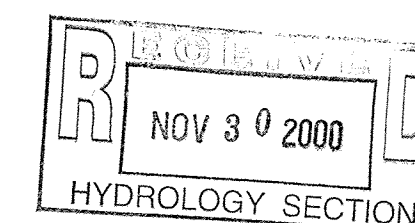


ONSITE CONSTRUCTION NOTES -

- 1 CLEAR WORK AREA OF EXISTING IMPROVEMENTS, AND ANY MISCELLANEOUS ITEMS AS REQUIRED. COORDINATE ANY RELOCATIONS AND ABANDONMENTS OF UTILITIES WITH RESPECTIVE UTILITY COMPANIES. REFER TO ARCHITECT'S DEMOLITION PLANS.
- 2 CONSTRUCT 3" A.C. / 6" AGG. BASE COURSE PAVEMENT PER SOILS REPORT.
- 3 CONSTRUCT TURNDOWN SIDEWALK - SEE ARCHITECTURAL PLANS FOR DETAILS AND C. OF ALBUQUERQUE DRAWING NO. 2430.
- 4 CONSTRUCT TRASH ENCLOSURE - SEE ARCHITECTURAL PLANS FOR DETAILS.
- 5 CONSTRUCT ACCESSIBILITY RAMP PER A.D.A. AND CITY REQUIREMENTS/STANDARDS. SEE ARCHITECTURAL PLANS FOR DETAILS. RAMP SHALL HAVE 1:12 MAXIMUM SLOPE.

- 6 CONSTRUCT 6" CONC HEADER CURB PER CITY OF ALBUQUERQUE DRAWING NO. 2415, MODIFIED PER DETAIL THIS SHEET.
- 7 INSTALL ALL PARKING BAY, ACCESSIBLE STRIPING AND SIGNAGE. PAINTED ACCESS ROUTE WITH MAXIMUM 1:20 SLOPE AND 1:50 CROSS SLOPE, WIDTH PER ARCHITECTURAL PLANS.
- 8 MATCH EXISTING GRADES ALONG PROPERTY LINES AND WHERE INDICATED.
- 9 CONSTRUCT 6" MEDIAN CURB AND GUTTER PER CITY OF ALBUQUERQUE DRAWING NO. 2415 WITH STANDARD GUTTER SLOPE.
- 10 SAWCUT AND REMOVE EXISTING CURB. MATCH SAWCUT LINES WITH NEW.
- 11 2" MINIMUM PAVEMENT SAWCUT TO A NEAT CLEAN EDGE, REMOVE AND REPLACE. MATCH WITH NEW PAVEMENT.

- 12 CONSTRUCT SINGLE STORM INLET PER C. OF ALBUQUERQUE DRAWING NO'S 2206 AND 2220. PROVIDE 1.5' SUMP BELOW OUTLET ELEVATION FOR SILTATION.
- 13 INSTALL 10" P.V.C., C-900, CLASS 200 PIPE. LENGTH AND SLOPE PER PLANS. (100-YR FLOW RATE = 1.20 CFS - PIPE CAPACITY = 2.20 CFS)
- 14 INSTALL 10" P.V.C., C-900, CLASS 200 PIPE. LENGTH AND SLOPE PER PLANS. (100-YR FLOW RATE = 1.58 CFS - PIPE CAPACITY = 2.20 CFS)
- 15 INSTALL 10" R.C.P., CLASS III. LENGTH AND SLOPE PER PLANS. (100-YR FLOW RATE = 4.82 CFS - PIPE CAPACITY = 5.63 CFS)
- 16 CORE DRILL INTO EXISTING STORM DRAIN MANHOLE PER C. OF ALBUQUERQUE REQUIREMENTS AND NOTES ON SHEET 1 - STORM DRAIN LINE CONNECTION TO EXISTING MANHOLE.
- 17 CONSTRUCT SIDEWALK, WIDTH PER ARCHITECTURAL PLANS, PER C. OF ALBUQUERQUE DRAWING NO. 2430.



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T. (480) 970-6862 F. (480) 970-3984 sgateassoc@aol.com
Civil Engineering Consultants

PROJECT NO.	99-43GD4	REVISIONS	MAY00
DATE	APRIL00		JUNE00

A PORTION OF SECTION 8, TOWNSHIP 11 N, RANGE 3 E, N.M. P.M., BERNALILLO COUNTY, NEW MEXICO

CIVIL - GRADING AND DRAINAGE PLAN 2/2