

SCANNED BY
PLANNING

Golf Course Marketplace

STREET IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
January 2006

INDEX TO DRAWINGS

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Mueller, Rick	Office phone: (505) 244-3161 Office fax: (505) 244-0094 Cell phone: 228-3329 rdmueller@mcleadusa.com	McLeadUSA Supervisor of Outside Tech. 505 Marquette NW (Compass Bank), Suite 1600 Albuquerque, NM 87102
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- 1 TITLE SHEET
- 2 PLAT
- 3 GRADING PLAN A
- 4 GRADING PLAN B
- 5 GRADING PLAN C
- 6 DEMOLITION PLAN
- 7 IMPROVEMENT PLAN
- 8 STRIPING PLAN

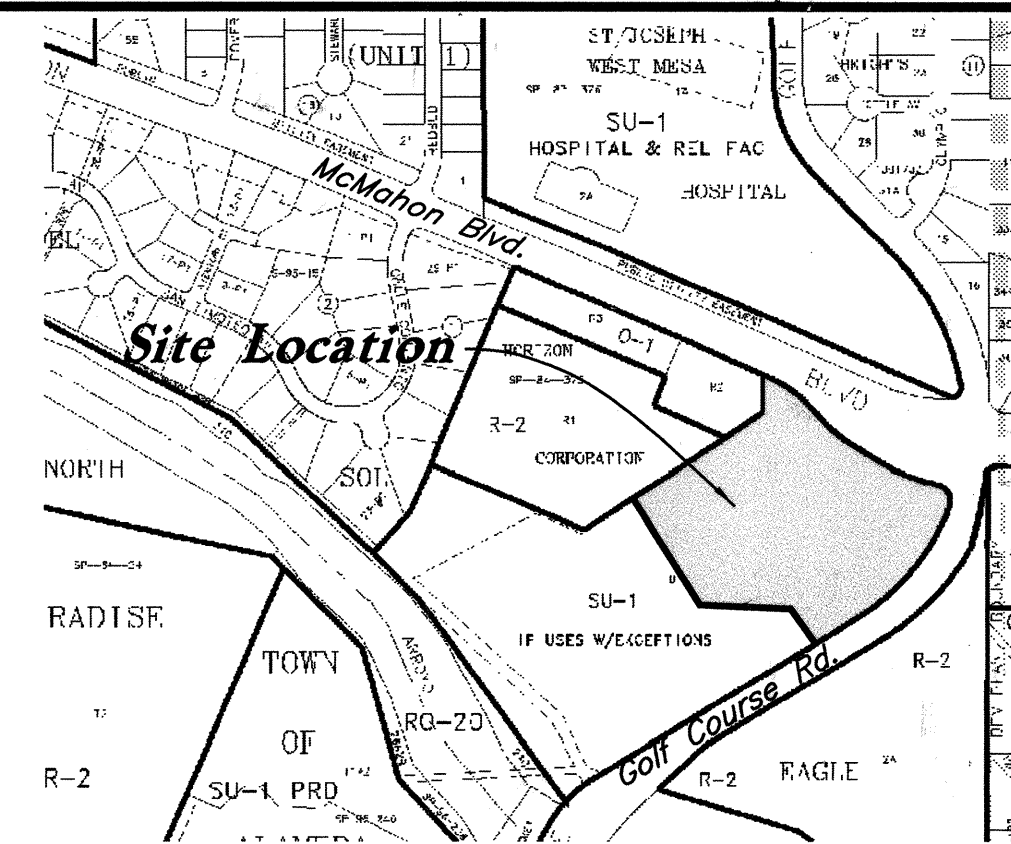
APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Paul Olson
DATE: 10-09-2008

Record Drawing

Smith's
FOOD & DRUG STORES
#463

Golf Course Road & McMahon Boulevard
Albuquerque, New Mexico

I, Bret G. Wahlen, of the firm Great Basin Engineering - South, a registered professional engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed accordance with the plans approved by the City Engineer and that the original design intent of the approved plans have been met, except as noted by me on the As-Built construction drawings. The certification is based on site inspections by me or personnel under my direction. Survey information provided by Ronald L. Hibdon, NMPLS No. 7436, of the firm R2W and Associates.



VICINITY MAP

Zone Atlas Page: A-12-Z

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #7) INCLUDING AMENDMENT #1.
 2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS.
 6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN.
 7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.
 8. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
 9. CONTRACTOR SHALL MAINTAIN A GRAFFITI FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 10. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
 11. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO, HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
 12. PERMANENT PAVING STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 13. ALL WATER VALVE BOX MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
 14. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED
- ☐ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING
 - ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
 - ☒ SIDEWALKS AND WHEELCHAIR RAMP WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

GREAT BASIN ENGINEERING - SOUTH

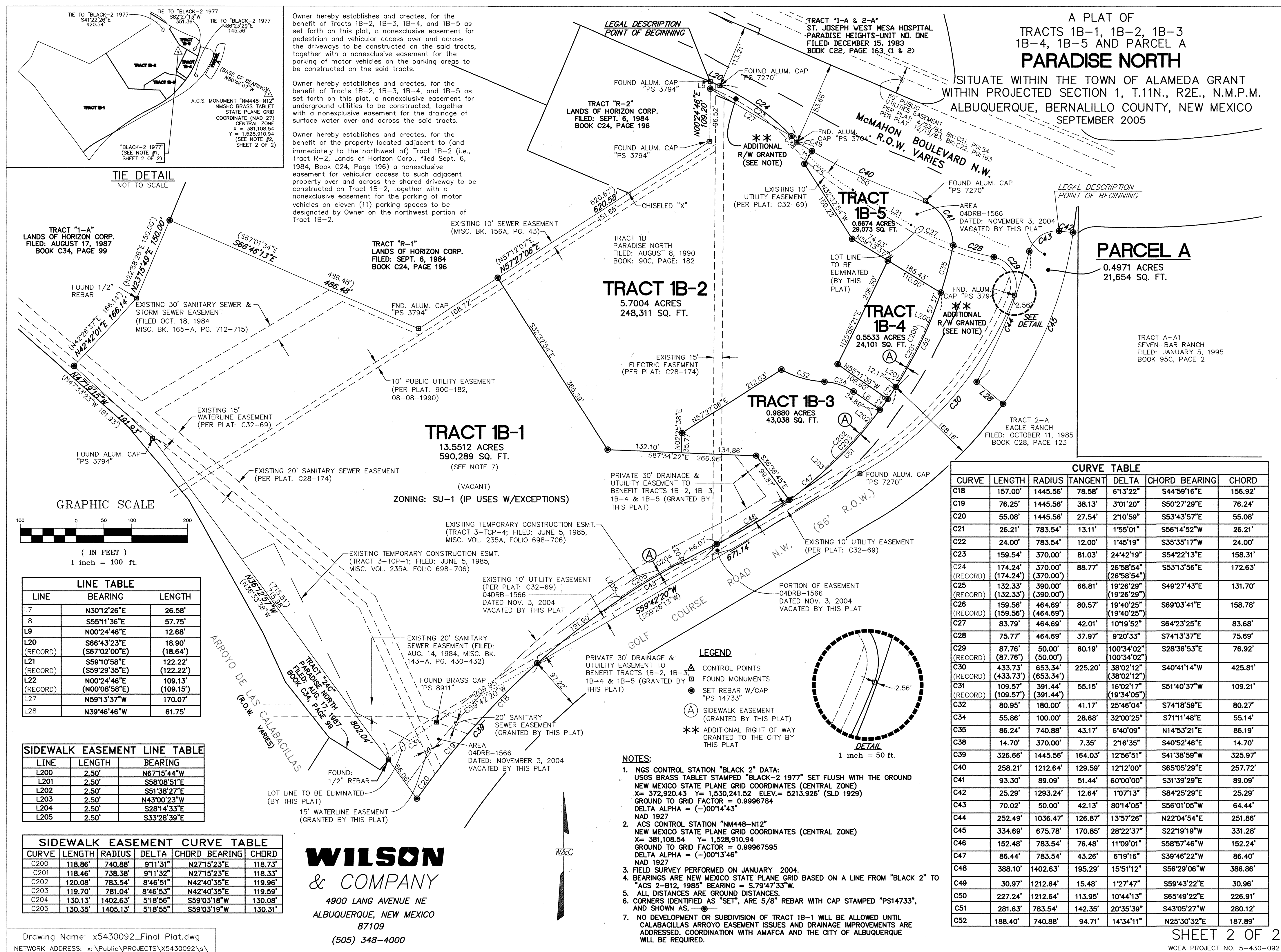
CONSULTING ENGINEERS and LAND SURVEYORS


2010 North Redwood Road, P.O. Box 16747

Salt Lake City, Utah 84116

Salt Lake City (801)521-8529 Ogden (801)394-7288 Fax (801)521-9551

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		<i>Wahlan G. Wahlen</i>		7/17/06	
		Transportation		<i>William G. Wahlen</i>		7/17/06	
		Water/Wastewater		<i>William G. Wahlen</i>		7/17/06	
		Hydrology		<i>Bradley G. Bingham</i>		7/17/06	
		C.I.P.					
		Constr. Mngmt.					
		Constr. Coord.					
		CITY PROJECT NO.		781781			
		SHEET		1 of 8			
				18 May, 2006			
				SMC#63CVC			



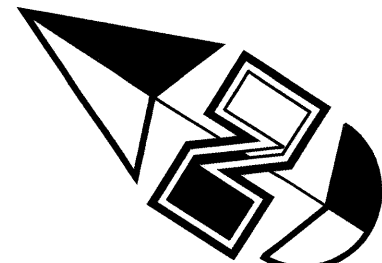
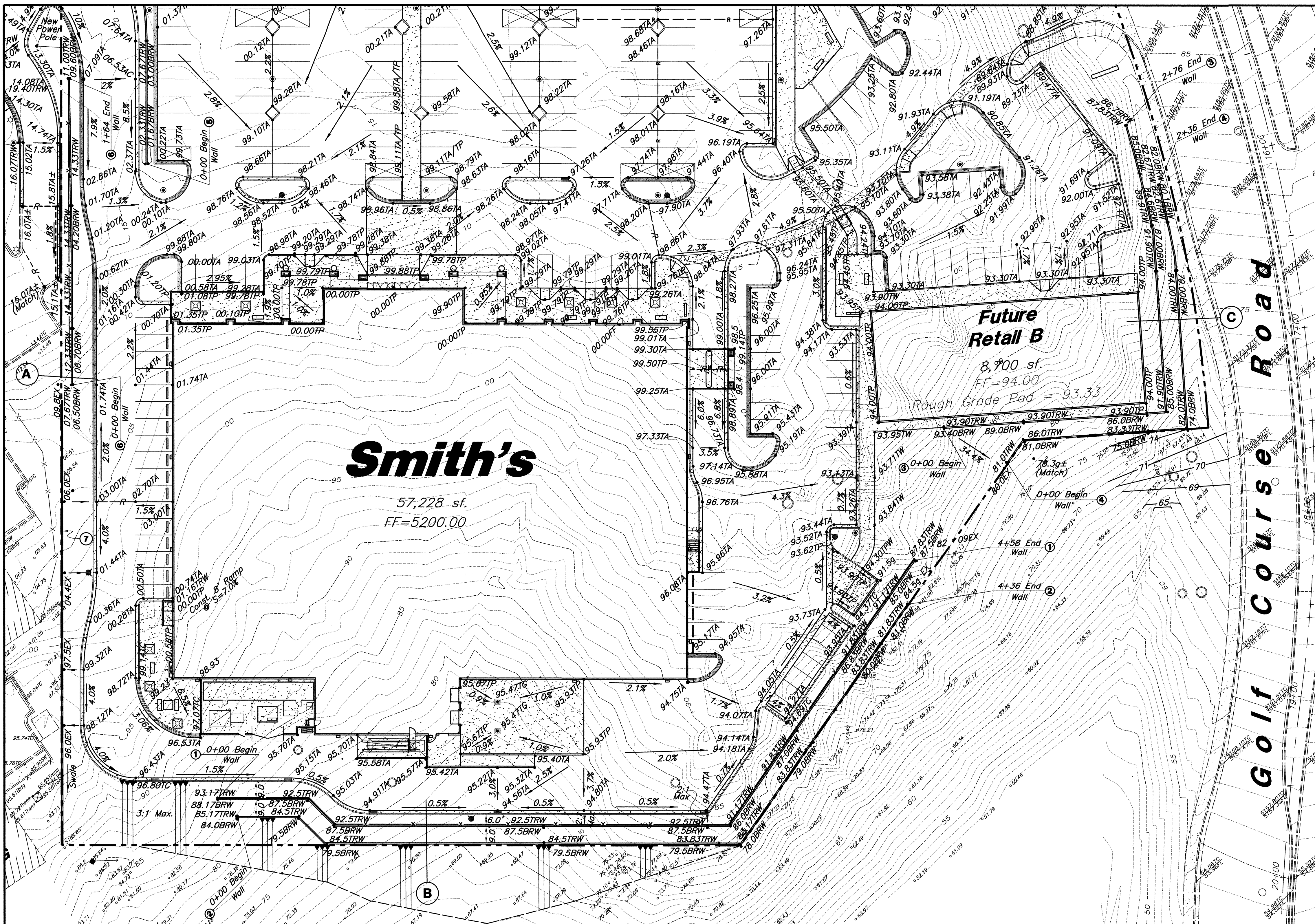
ENGINEER'S SEAL			SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
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			NO.	DATE				
			REMARKS					
			BY					
DESIGNED BY: --			DATE: 18 May, 2006					
DRAWN BY: --			DATE: 18 May, 2006					
CHECKED BY:			DATE:					

[illegible]

Smith's
FOOD & DRUG STORES
#463
Golf Course Road & McMahon Boulevard
Albuquerque, New Mexico

Match Line Sheet 5 of 8

Match Line Sheet 4 of 8



Scale : 1" = 30'



Key Map

Not to Scale

General Grading Notes:

1. All work shall be in accordance with the City of Albuquerque Public Works Standards.
2. Cut slopes shall be no steeper than 2 horizontal to 1 vertical.
3. Fill slopes shall be no steeper than 2 horizontal to 1 vertical.
4. Fills shall be compacted per the recommendations of the geotechnical report prepared for the project and shall be certified by the geotechnical engineer.
5. Areas to receive fill shall be properly prepared and approved by the City inspector and Geotechnical Engineer prior to placing fill.
6. Fills shall be benched into competent material as per specifications and geotechnical report.
7. All trench backfill shall be tested and certified by the site geotechnical engineer per the grading code.
8. A geotechnical engineer shall perform periodic inspections and submit a complete report and map upon completion of the rough grading.
9. The final compaction report and certification from the geotechnical engineer shall contain the type of field testing performed. Each test shall be identified with the method of obtaining the in-place density, whether sand cone or drive ring and shall be so noted for each test. Sufficient maximum density determinations shall be performed to verify the accuracy of the maximum density curves used by the field technician.
10. Dust shall be controlled by watering.
11. The location and protection of all utilities is the responsibility of the permittee.
12. Approved protective measures and temporary drainage provisions must be used to protect adjoining properties during the grading project.
13. All public roadways must be cleared daily of all dirt, mud and debris deposited on them as a result of the grading operation. Cleaning is to be done to the satisfaction of the city engineer.
14. The site shall be cleared and grubbed of all vegetation and deleterious matter prior to grading.
15. The contractor shall provide shoring in accordance with OSHA requirements for trench walls.
16. Aggregate base shall be compacted per the geotechnical report prepared for the project.
17. Elevations shown on this plan are finish grades. Rough grades are the subgrades of the improvements shown hereon.
18. The recommendations in the following Geotechnical Engineering Report by are included in the requirements of grading and site preparation. The report is titled "
19. As part of the construction documents, owner has provided contractor with a topographic survey performed by manual or aerial means. Such survey was prepared for project design purposes and is provided to the contractor as a courtesy. It is expressly understood that such survey may not accurately reflect existing topographic conditions.

Project No.:

Dated:

Legend

Direction of Drainage	Std. Curb & Gutter
Top of Asphalt	TA
Top of Walk	TW
Edge of Asphalt	EA
Flowline	FL
Top of Curb	TC
Top of Grate	TG
Top of Pavement	TP
Ridge line	---
Ground	g
	Open Face C & G
	Finish Grade - TRW
	Top of Retaining Wall
	Finish Grade - BRW
	Bottom of Retaining Wall
	Existing 5' Contour
	Existing 1' Contour

Flood Zone Determination

The subject property (as shown hereon) lies within Zone "X" (areas determined to be outside 0.2 accordance with the National Flood Insurance Program Rate Map No. 35001C0108 E, Effective Date 11-19-03.

Notice to Contractors

1. 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.
2. 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, 1986.
3. Two working days prior to any excavation, contractor must contact New Mexico One Call System, 260-1990, for location of existing utilities.

Curb and Gutter Construction Notes:

1. Open face gutter shall be constructed where drainage is directed away from curb.
2. Open face gutter locations are indicated by shading and notes on site and grading plan.
3. It is the responsibility of the surveyor to adjust top of curb grades at the time of construction staking.
4. Refer to the typical details for a standard and open face curb and gutter for dimensions.
5. Transitions between open face and standard curb and gutter are to be smooth. Hand Form these areas necessary.

Erosion Control Plan and Pollution Prevention Notes:

1. Contractor is responsible for obtaining a topsoil disturbance permit prior to beginning work.
2. Contractor is responsible for cleaning all sediment out of existing right-of-way.
3. Contractor is responsible for maintaining all storm run off on site.
4. Repair of damaged facilities and cleanup of sediment accumulation on adjacent properties and in public facilities is the responsibility of the contractor.
5. All exposed earth surfaces must be protected from wind and water erosion prior to final acceptance of any project.

Legal Description

That certain parcel of land situate within the Town of Alameda Grant in projected Section 1, Township 11 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, comprising a Northerly portion of Tract 1-B, Paradise North as the same is shown and designated on the plat entitled "VACATION AND REPLAT OF PARADISE NORTH SITUATE WITHIN THE TOWN OF ALBUQUERQUE GRANT IN PROJECTED SECTIONS 1, 2, 11 & 12, T 11 N, R 2 E, N.M.P.M., CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO" filed in the office of the County Clerk of Bernalillo County, New Mexico, on August 17, 1985, in Volume C34, Folio 99.

Smith's
FOOD & DRUG STORES
#463

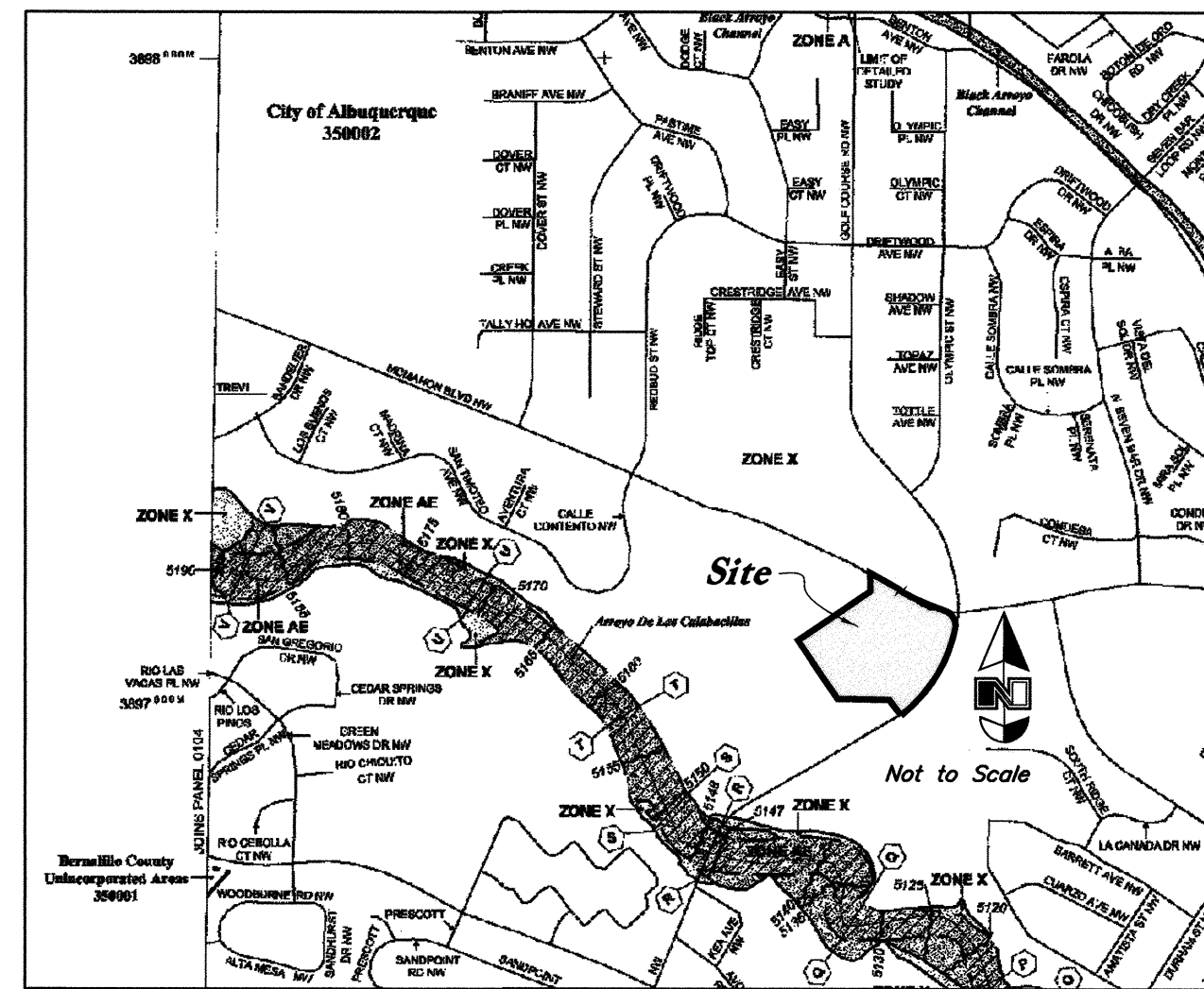
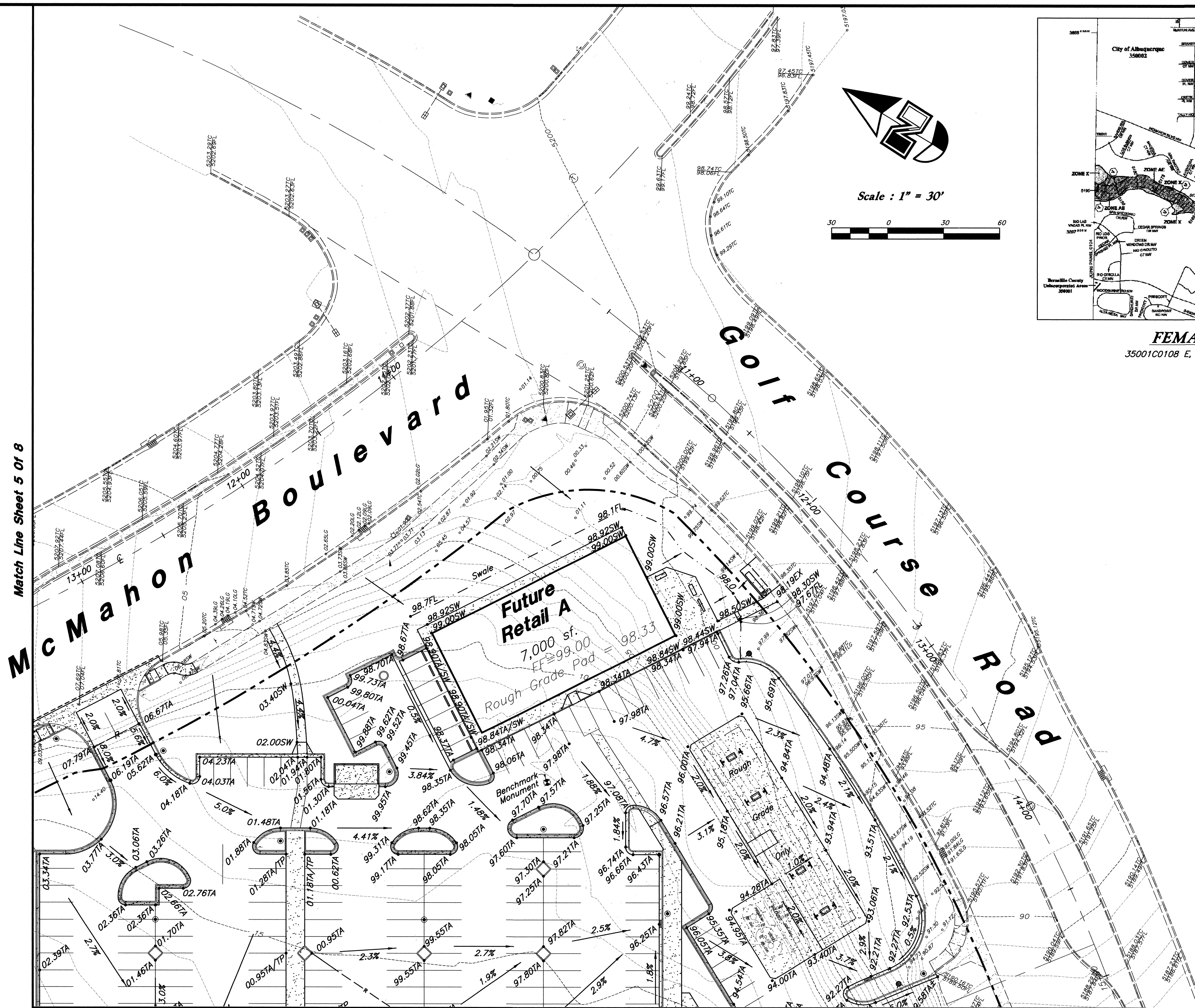
Golf Course Road & McMahon Boulevard
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GREAT BASIN ENGINEERING - SOUTH
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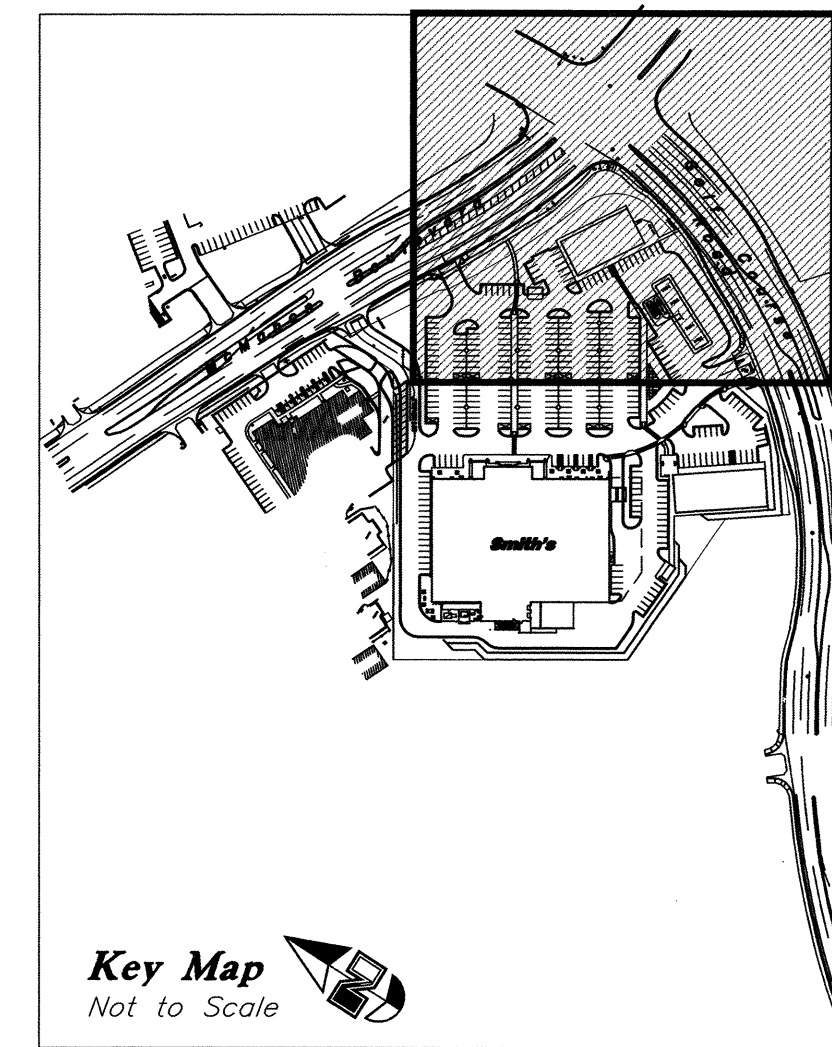
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: Grading Plan A	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
FOR INFORMATION ONLY	
CITY PROJECT NO. 781781	ZONE MAP NO. A-12-Z
SHEET NO. 3 of 8	

BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
Albuquerque Control Survey Monument "BLACK 2"		FIELD NOTES			
New Mexico State Plane Coordinate System. Central Zone (NAD 27) as published: Y= 1,530,241.52 X= 372,920.43 Delta Alpha= -00°14'43" Ground to grid factor= 0.9996784 Elevation= 5213.926 (MVD 29)		NO.	DATE		
		BY		REMARKS	DESIGN
				DATE: 18 May, 2006	DESIGNED BY: KR
				DATE: 18 May, 2006	DRAWN BY: BP
					CHECKED BY:



FEMA Map
35001C0108 E, Effective Date 11-19-03.



Key Map
Not to Scale

Legend

Direction of Drainage

Top of Asphalt

Top of Walk
Edge of Asphalt

Edge of Asphalt
Flowline

Flowline
Top of Curb

Top of Grate

Top of Pavement

Ridge line

Ground

Std. Curb & Gutter

Open Face C & G

Open Face C & G

Finish Grade -

Top of Retaining Wall

Finish Grade -

Bottom of Retaining

Existing 5' Contour

Existing 1' Contour

Existing 1 contour

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Rough Grading Approval

Date _____

***Erosion Control Plan and
Pollution Prevention Notes:***

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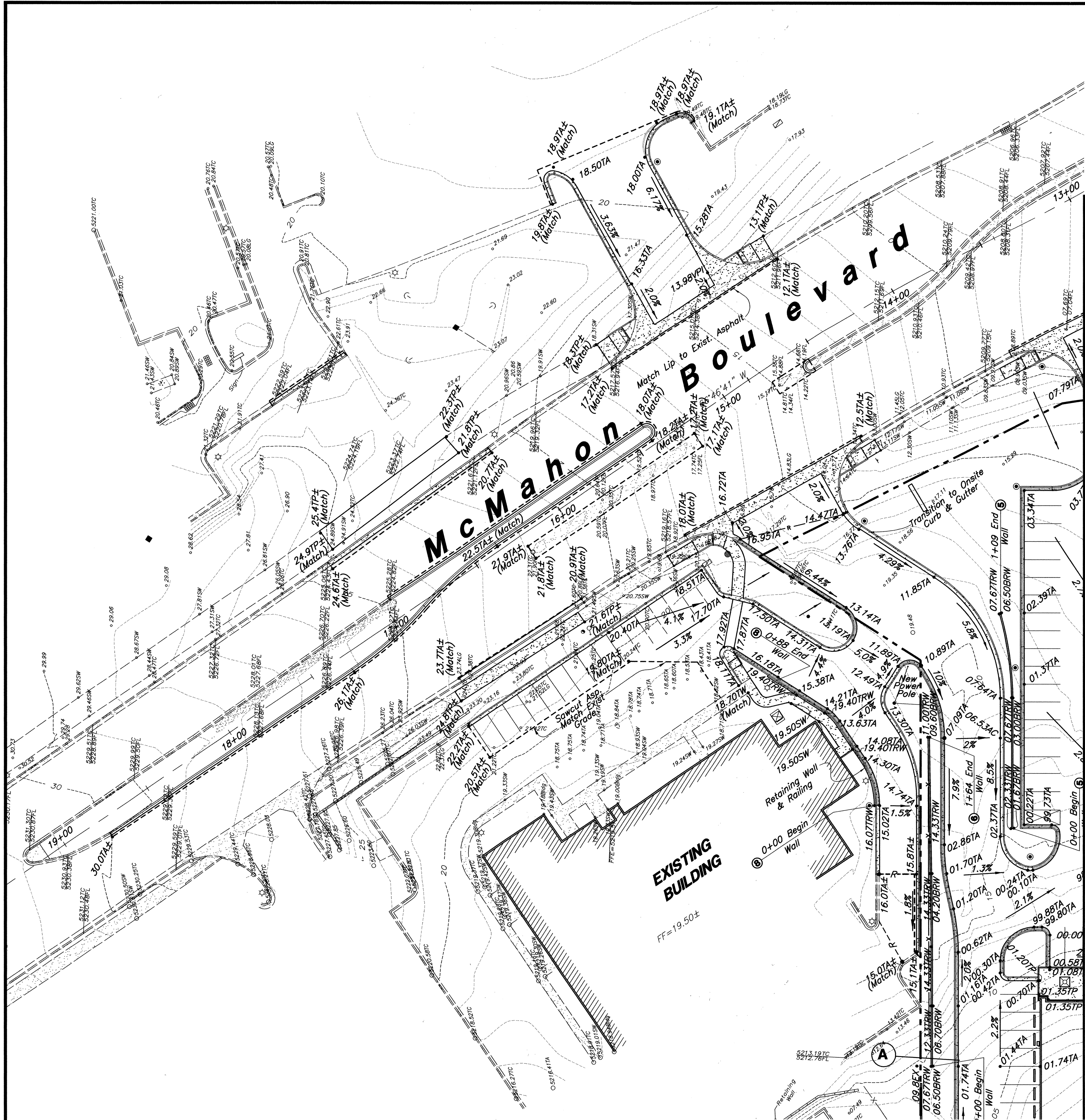
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Smith's
FOOD & DRUG STORES
#463

***Golf Course Road & McMahon Boulevard
Albuquerque, New Mexico***

 <p>GREAT BASIN ENGINEERING - SOUTH CONSULTING ENGINEERS AND LAND SURVEYORS 2010 North Redwood Road, P.O. Box 16747 Salt Lake City, Utah 84116 Salt Lake City (801)521-4829 Ogden (801)346-7268 Fax (801)521-8551</p>	NO. _____ DATE _____	DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____
<p align="center">CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP</p>		
<p><i>TITLE:</i></p> <p align="center"><i>Grading Plan B</i> GOLF COURSE MARKETPLACE GOLF COURSE ROAD AND MCMAHON BOULEVARD</p>		
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR. _____ _____ _____ _____ _____ _____ SHEET NO.
<p align="center"><i>FOR INFORMATION ONLY</i></p>		<p align="center">4 of 8</p>
CITY PROJECT NO.	ZONE MAP NO.	SMC463-GR
781781	A-12-Z	



Match Line Sheet 3 and 4 of 8

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Legend

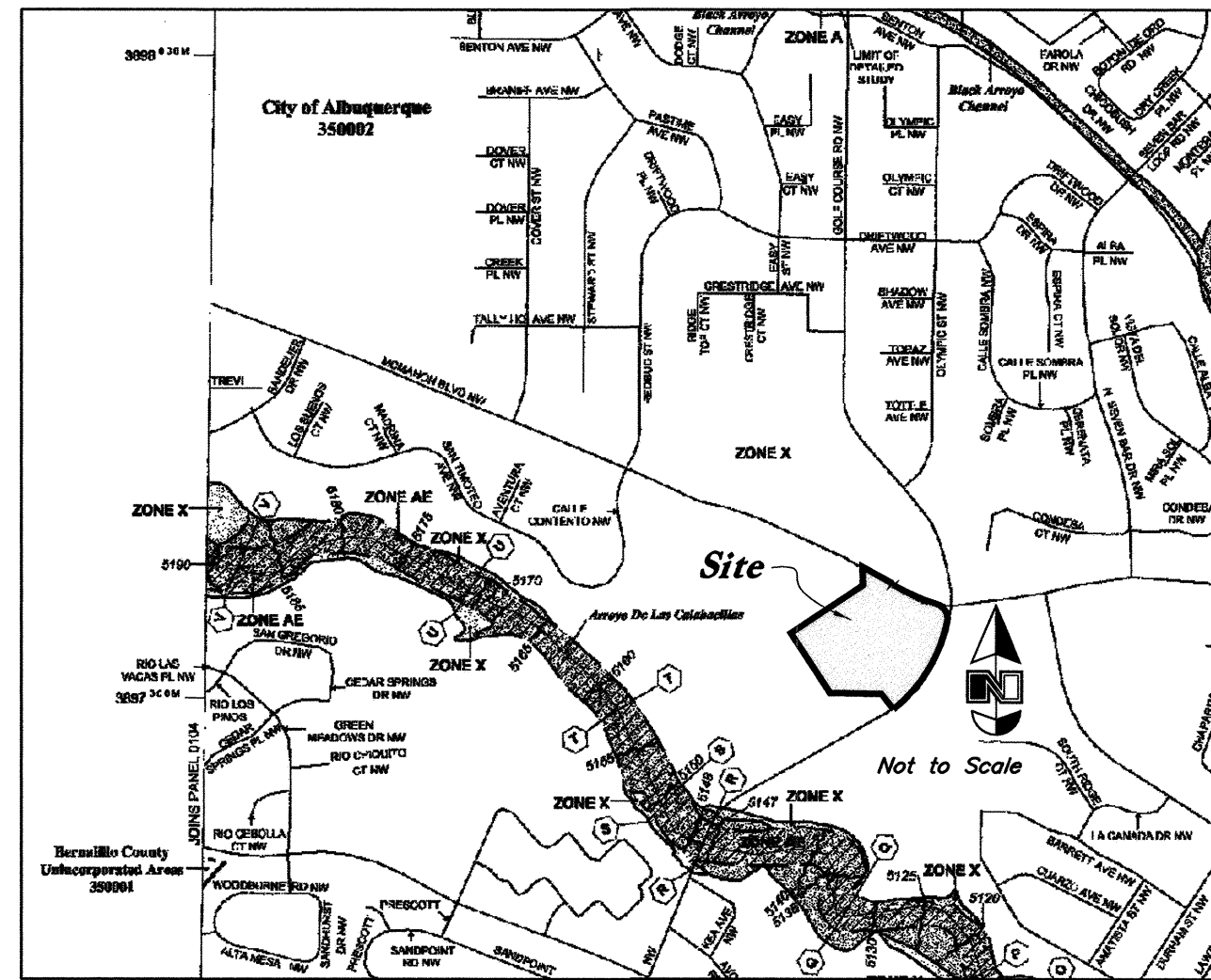
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Top of Asphalt	TW
Top of Walk	EA
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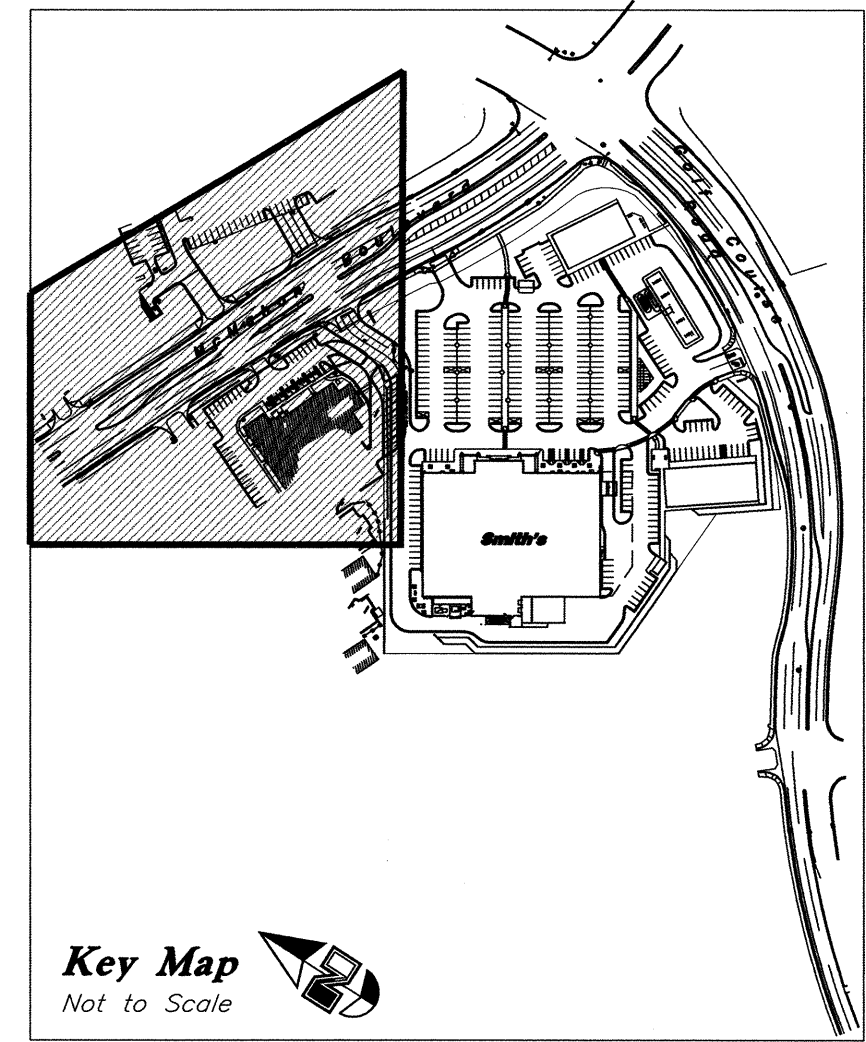
Rough Grading Approval

Date



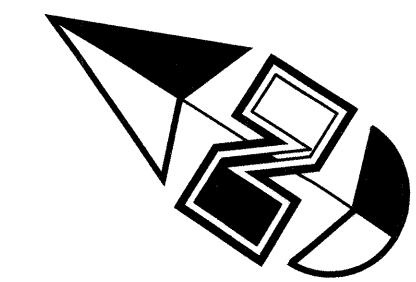
FEMA Map

35001C0108 E, Effective Date 11-19-03.



Key Map

Not to Scale



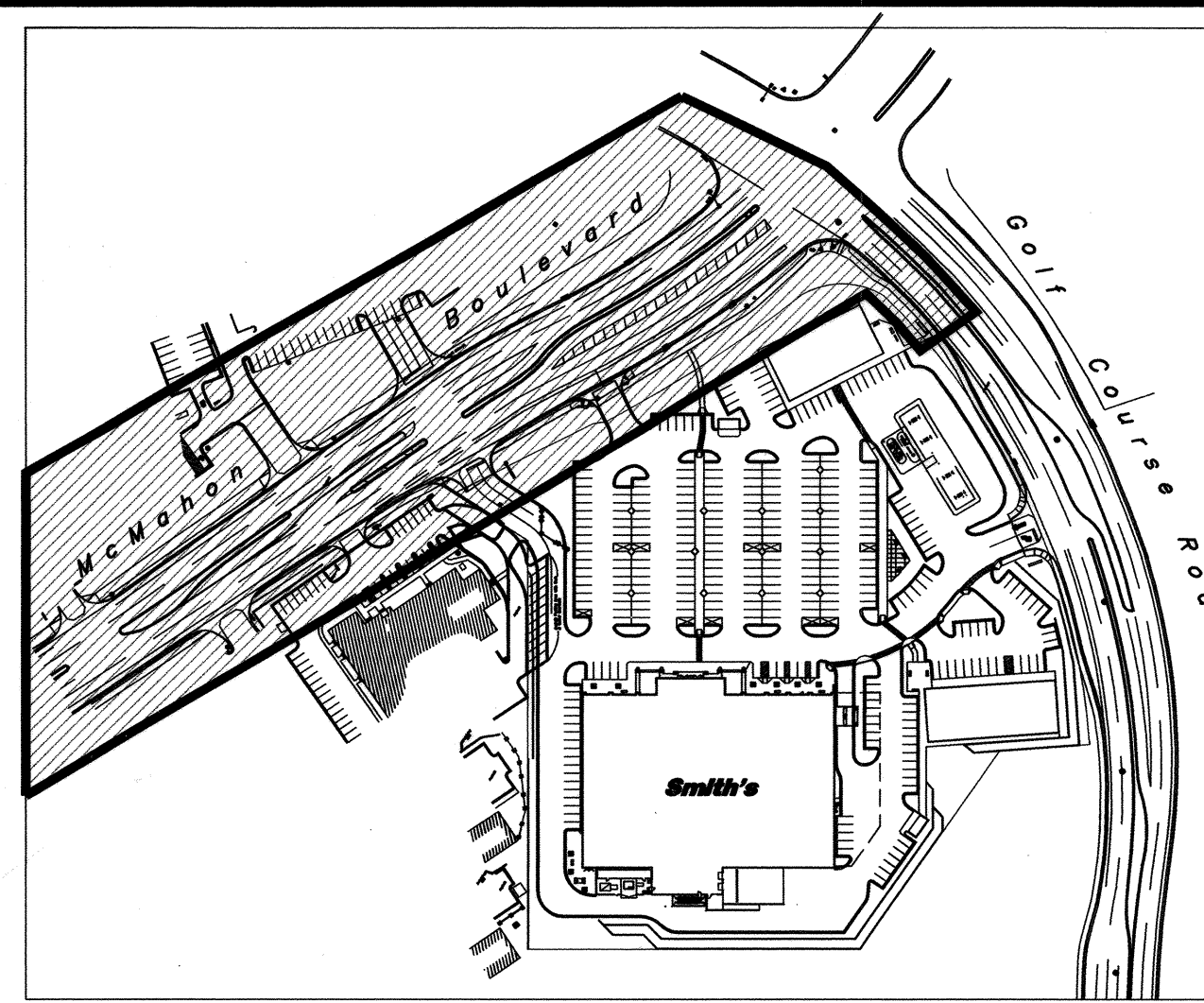
Scale : 1" = 30'



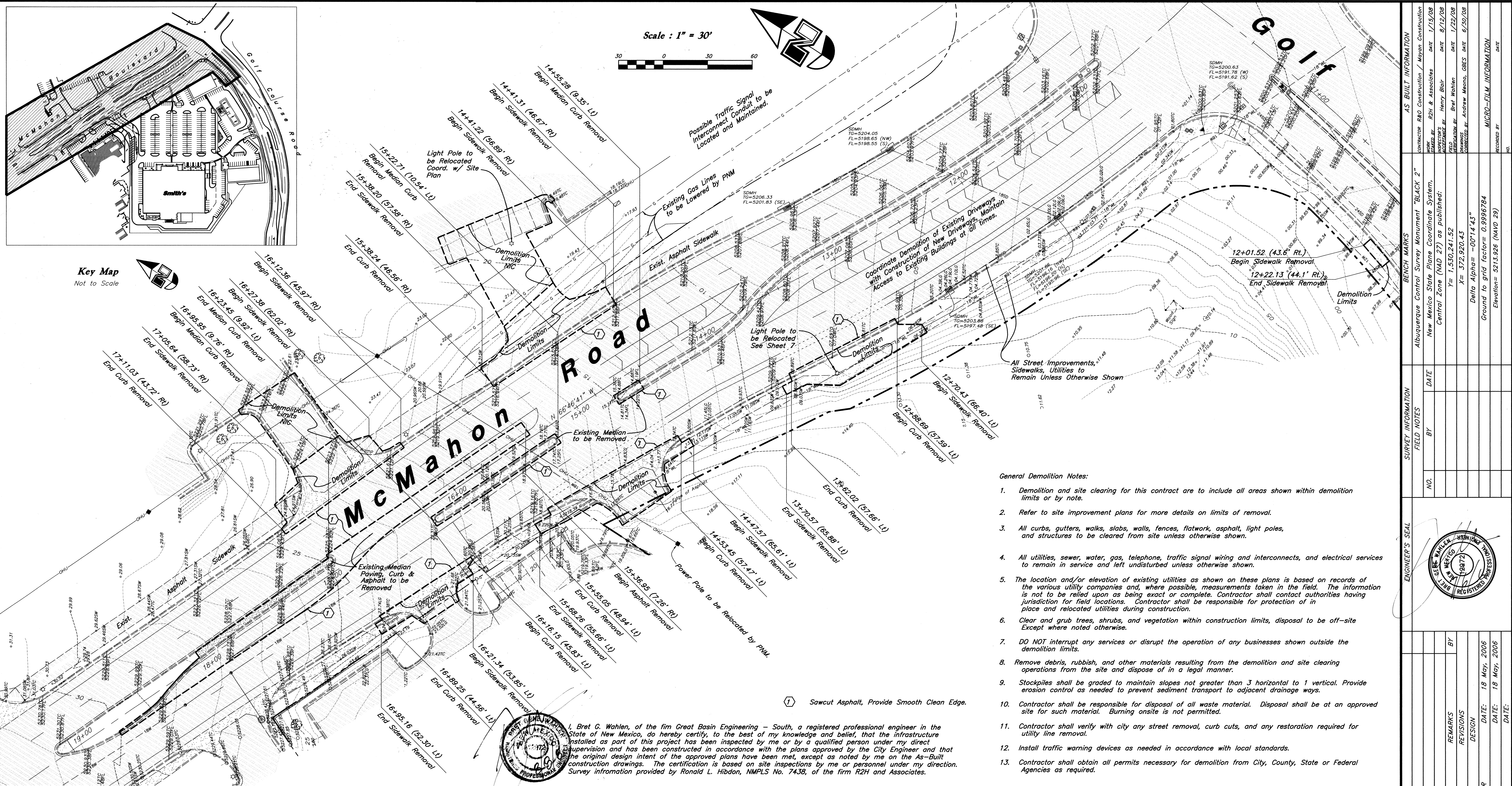
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
Albuquerque Control Survey Monument "Black 2"		Albuquerque Control Survey Monument "Black 2"		FIELD NOTES		NO. DATE	
New Mexico State Plane Coordinate System, Central Zone (NAD 27) as published:		New Mexico State Plane Coordinate System, Central Zone (NAD 27) as published:		BY		REMARKS	
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Delta Alpha = -001'4.43"		Delta Alpha = -001'4.43"		DATE		DATE	
Ground to grid factor = 0.9996784		Ground to grid factor = 0.9996784		DATE		DATE	
Elevation = 5213.926 (NAVD 29)		Elevation = 5213.926 (NAVD 29)		DATE		DATE	

GREAT BASIN ENGINEERING - SOUTH CONSULTING ENGINEERS and LAND SURVEYORS 2010 North Redwood Road, P.O. Box 16747 Salt Lake City, Utah 84116 Salt Lake City (801)321-8529 Ogden (801)394-7288 Fax (801)321-9551	
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FOR INFORMATION ONLY	
CITY PROJECT NO.	ZONE MAP NO.
781781	A-12-Z
SHEET NO. 5 of 8	

Smith's
FOOD & DRUG STORES
#463
Golf Course Road & McMahon Boulevard
Albuquerque, New Mexico



Key Map
Not to Scale



Scale : 1" = 30'



Possible Traffic Signal
Interconnect Conduit to be
Located and Maintained.

Existing Gas Lines
to be Lowered by PNM

Coordinate Demolition of Existing Driveways
with Construction of New Driveways. Maintain
Access to Existing Buildings at all times.

All Street Improvements,
Sidewalks, Utilities to
Remain Unless Otherwise Shown

General Demolition Notes:

- Demolition and site clearing for this contract are to include all areas shown within demolition limits or by note.
- Refer to site improvement plans for more details on limits of removal.
- All curbs, gutters, walks, slabs, walls, fences, flatwork, asphalt, light poles, and structures to be cleared from site unless otherwise shown.
- All utilities, sewer, water, gas, telephone, traffic signal wiring and interconnects, and electrical services to remain in service and left undisturbed unless otherwise shown.
- The location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied upon as being exact or complete. Contractor shall contact authorities having jurisdiction for field locations. Contractor shall be responsible for protection of in place and relocated utilities during construction.
- Clear and grub trees, shrubs, and vegetation within construction limits, disposal to be off-site except where noted otherwise.
- DO NOT interrupt any services or disrupt the operation of any businesses shown outside the demolition limits.
- Remove debris, rubbish, and other materials resulting from the demolition and site clearing operations from the site and dispose of in a legal manner.
- Stockpiles shall be graded to maintain slopes not greater than 3 horizontal to 1 vertical. Provide erosion control as needed to prevent sediment transport to adjacent drainage ways.
- Contractor shall be responsible for disposal of all waste material. Disposal shall be at an approved site for such material. Burning onsite is not permitted.
- Contractor shall verify with city any street removal, curb cuts, and any restoration required for utility line removal.
- Install traffic warning devices as needed in accordance with local standards.
- Contractor shall obtain all permits necessary for demolition from City, County, State or Federal Agencies as required.

1 Sawcut Asphalt, Provide Smooth Clean Edge.

I, Bret G. Wahlen, of the firm Great Basin Engineering - South, a registered professional engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans approved by the City Engineer and that the original design intent of the approved plans have been met, except as noted by me on the As-Built construction drawings. The certification is based on site inspections by me or personnel under my direction. Survey information provided by Ronald L. Hibdon, NMPLS No. 7438, of the firm R2H and Associates.

I, Ronald L. Hibdon, a New Mexico Professional Surveyor, Number 7438, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Legend

- | | | | |
|-----------------------------------|---|----------------------------------|-------|
| EXISTING WATER VALVE = | • | EXISTING TELEPHONE MANHOLE = | ① |
| EXISTING WATER METER = | □ | EXISTING WATER MANHOLE = | ② |
| EXISTING HYDRANT = | ⋈ | EXISTING METAL POST = | ☆ |
| EXISTING STORM DRAIN MANHOLE = | ⊙ | EXISTING LIGHT POLE = | ○ |
| EXISTING STORM DRAIN INLET = | ■ | EXISTING TRAFFIC SIGNAL BOX = | ■ |
| EXISTING TRANSFORMER = | ⊠ | EXISTING TRAFFIC SIGNAL LIGHTS = | ◀ — ▶ |
| EXISTING GUY WIRE = | → | EXISTING TREE = | ⊗ |
| EXISTING POWER POLE = | ■ | EXISTING ASPHALT PAVING = | ▨ |
| EXISTING TELEPHONE PEDESTAL = | ⊞ | | |
| EXISTING CONCRETE AREA = | ▤ | | |
| EXISTING SANITARY SEWER MANHOLE = | ⊙ | | |

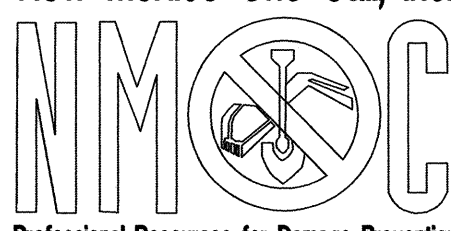
Surv-Tek Inc. is the licensed Surveyor responsible for providing surveying services for this project. Great Basin Engineering has relied upon Surv-Tek Inc. for professional services in preparing this drawing. Great Basin Engineering makes no claims to the accuracy of the information provided by Surv-Tek Inc..

Survey Control Note:

The contractor or surveyor shall be responsible for following the National Society of Professional Surveyors (NSPS) model standards for any surveying or construction layout to be completed using Survey or Great Basin Engineering's construction improvement plans. Prior to proceeding with construction staking, the surveyor shall be responsible for verifying horizontal control from the survey monuments and for verifying any additional control points shown on an ALTA survey or improvement plan or on electronic data provided by Surv-Tek Inc. and Great Basin Engineering. The Surveyor shall also use the benchmarks as shown on the plan, and Verify them against no less than three existing hard improvement elevations included on these plans or on electronic data provided by Great Basin Engineering. If any discrepancies are encountered, the surveyor shall immediately notify the engineer and resolve the discrepancies before proceeding with any construction staking.



New Mexico One Call, Inc.



Professional Resources for Damage Prevention
1-800-321-ALERT

Record Drawing

Smiths
FOOD & DRUG STORES

#463

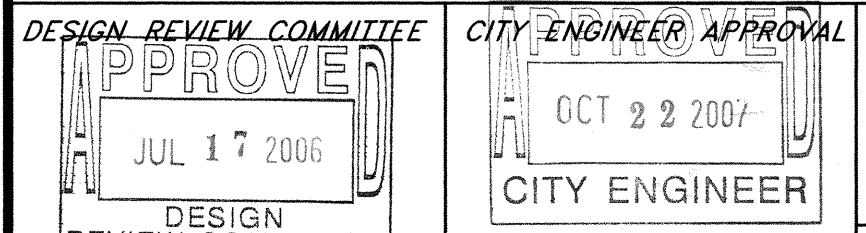
Golf Course Road & McMahon Boulevard
Albuquerque, New Mexico



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

Demolition Plan

GOLF COURSE MARKETPLACE
GOLF COURSE ROAD AND MCMAHON BOULEVARD



CITY ENGINEER APPROVAL
OCT 2 2 2007
CITY ENGINEER

CITY PROJECT NO.
781781

ZONE MAP NO.
A-12-Z

SHEET NO.
SMC463-DEMO

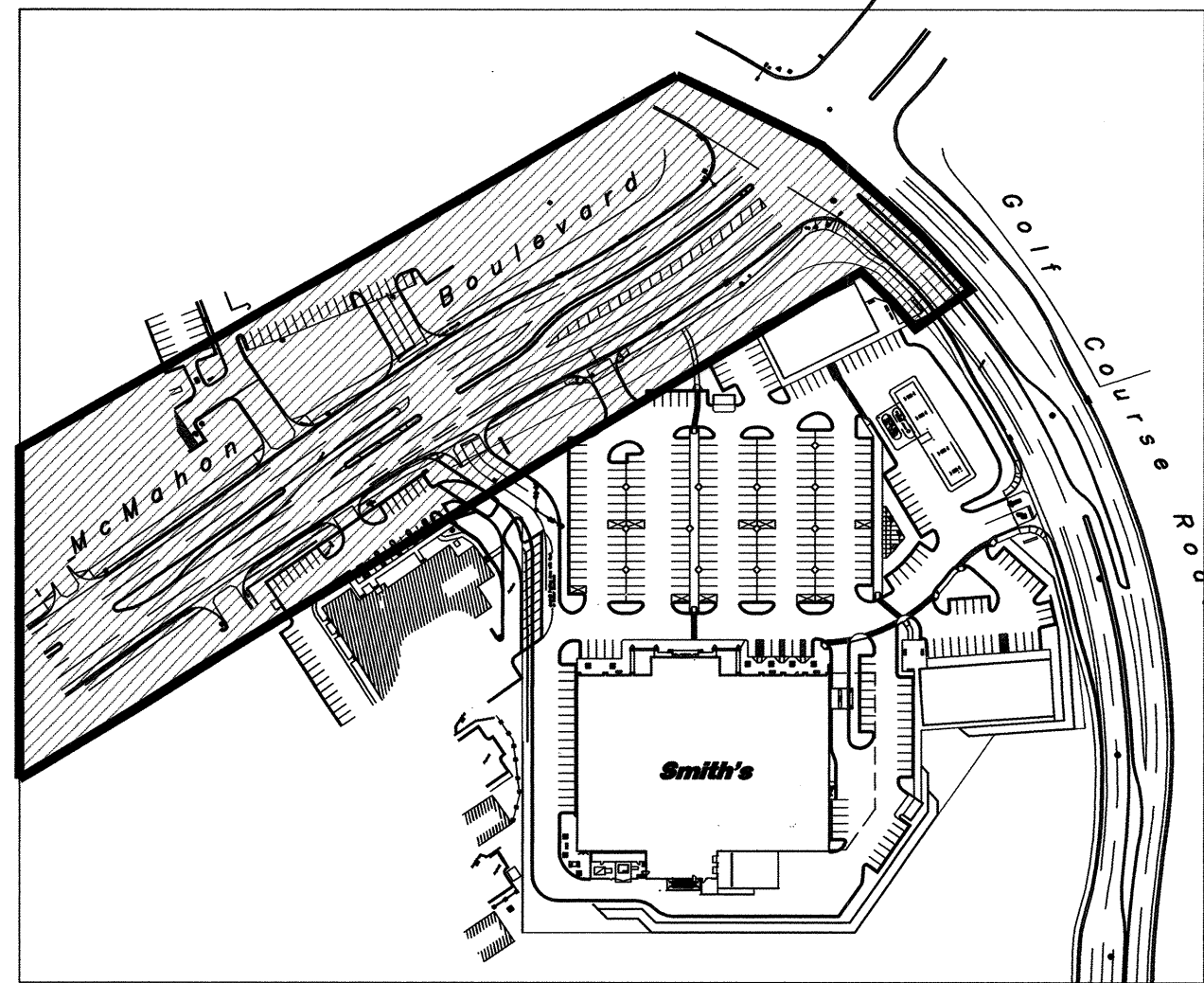
6 of 8



REVISIONS		DESIGN	
NO.	DATE	BY	DATE
1	18 May, 2006	BP	18 May, 2006
2	18 May, 2006	BP	18 May, 2006

REVISIONS		DESIGN	
NO.	DATE	BY	DATE
1	18 May, 2006	BP	18 May, 2006
2	18 May, 2006	BP	18 May, 2006

CHECKED BY: DATE:



Key Map
Not to Scale



I, Ronald L. Hibdon, a New Mexico Professional Engineer, No. 7438, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

CAUTION:

The location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where possible, measurements taken in the field. No underground explorations were performed.

Curve Data Table

C1 Δ = 8°09'59" R = 1000.00' L = 142.53' LC = 142.41' N 62°41'42" W	C5 Δ = 90°41'21" R = 25.00' L = 39.57' LC = 35.57' N 15°08'14" W	C9 Δ = 14°53'29" R = 185.00' L = 48.08' LC = 47.95' N 48°19'29" E
C2 (To Int.) Δ = 13°38'49" R = 1118.50' L = 422.58' LC = 420.07' S 69°26'07" E	C6 Δ = 87°31'24" R = 25.00' L = 38.19' LC = 34.58' S 73°58'08" W	C10 Δ = 14°53'29" R = 185.00' L = 48.08' LC = 47.95' S 48°19'29" W
C3 Δ = 60°30'32" R = 25.00' L = 26.40' LC = 25.19' N 29°50'30" W	C7 Δ = 92°32'41" R = 30.00' L = 48.46' LC = 43.36' S 17°57'52" E	C11 Δ = 180°00'00" R = 2.50' L = 7.85' LC = 5.00' N 34°13'46" W
C4 Δ = 115°27'33" R = 25.00' L = 50.38' LC = 42.28' S 58°08'32" W	C8 Δ = 84°48'47" R = 30.00' L = 44.41' LC = 40.46' N 70°42'52" E	C12 Δ = 180°00'00" R = 1.88' L = 5.93' LC = 3.76' S 25°26'04" W

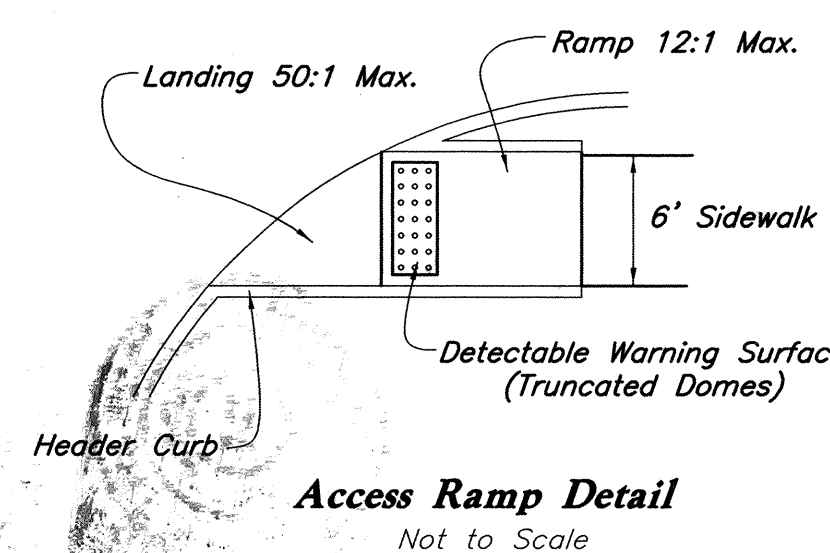
Construction Key Notes

- Sawcut Asphalt, Provide Smooth Clean Edge.
- Const. Standard Curb & Gutter per COA Std. Dwg. 2415A
- Const. 6" Concrete Valley Gutter per COA Std. Dwg. 2420.
- Const. 6" Concrete Sidewalk Per COA Std. Dwg. 2430
- Const. Curb Ramp per COA Std. Dwg. 2441, case II w/ truncated domes
- Const. Median Curb & Gutter per COA Std. Dwg. 2415B
- Const. Median Landscaping to Match Existing.
- Const. Asphalt Paving, 3" A.C. / 8" Base / Prepared Subgrade.
- Const. Sidewalk Transition per COA Std. Dwg. 2432.
- Const. Asphalt Paving per COA Std. Dwg. 2407 & 2408. See Asphalt Section
- Const. 10" Bicycle Path w/ 2" AC, Type B on 8" Base Per COA Std. Dwg. 2415 B.
- Const. Bus Shelter & Trash Receptacle "Type C" Per COA Std Dwg. 2535
- Const. Curb Ramp per COA Std. Dwg. 2426, case X w/ Detectable Warning Surface (Truncated Domes) See Detail.
- Const. Concrete Median Paving Section per COA Std. Dwg. 2408, 2501 & 2502. Pattern to Match Exist. Color = Natural

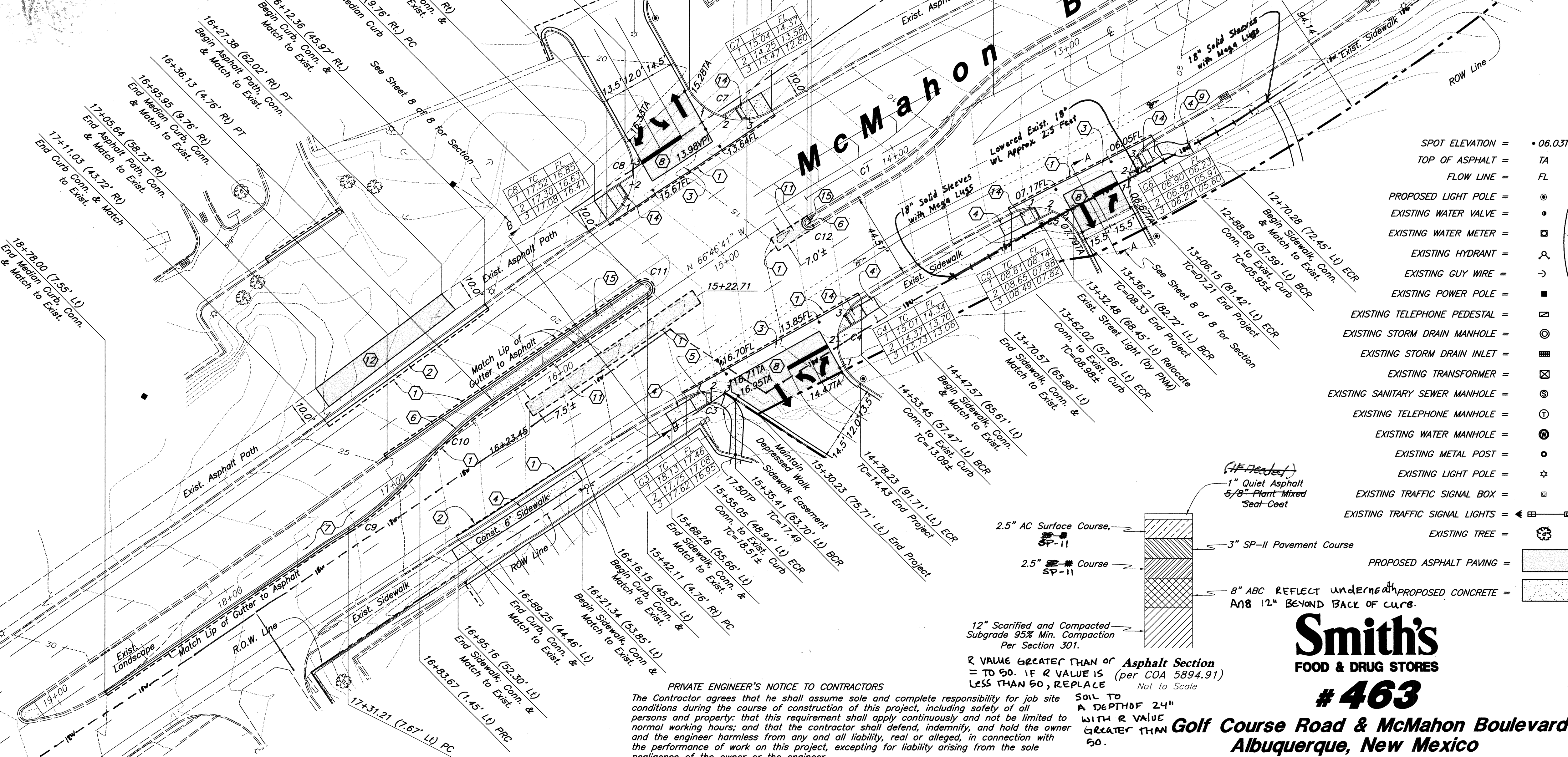
I, Bret G. Wahlen, of the firm Great Basin Engineering - South, a registered professional engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans approved by the City Engineer and that the original design intent of the approved plans have been met, except as noted by me on the As-Built construction drawings. The certification is based on site inspections by me or personnel under my direction. Survey information provided by Ronald L. Hibdon, NMPLS No. 7438, of the firm R2H and Associates.



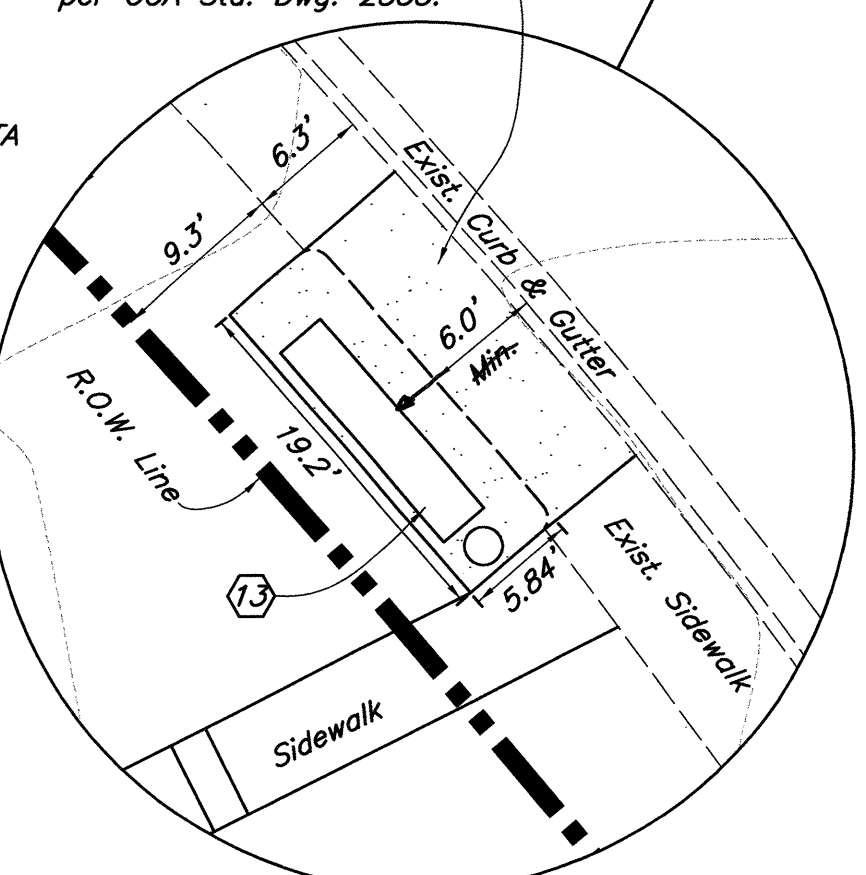
Scale: 1" = 30'



Access Ramp Detail
Not to Scale



- SPOT ELEVATION = 06.03TA
- TOP OF ASPHALT = TA
- FLOW LINE = FL
- PROPOSED LIGHT POLE =
- EXISTING WATER VALVE =
- EXISTING WATER METER =
- EXISTING HYDRANT =
- EXISTING GUY WIRE =
- EXISTING POWER POLE =
- EXISTING TELEPHONE PEDESTAL =
- EXISTING STORM DRAIN MANHOLE =
- EXISTING STORM DRAIN INLET =
- EXISTING TRANSFORMER =
- EXISTING SANITARY SEWER MANHOLE =
- EXISTING TELEPHONE MANHOLE =
- EXISTING WATER MANHOLE =
- EXISTING METAL POST =
- EXISTING LIGHT POLE =
- EXISTING TRAFFIC SIGNAL BOX =
- EXISTING TRAFFIC SIGNAL LIGHTS =
- EXISTING TREE =
- PROPOSED ASPHALT PAVING =
- PROPOSED CONCRETE =



Bus Stop Detail
Scale: 1" = 10'

Record Drawing



GREAT BASIN ENGINEERING - SOUTH
CONSULTING ENGINEERS AND LAND SURVEYORS
2010 North Redwood Road, P.O. Box 18747
Salt Lake City, Utah 84118
Salt Lake City (801)521-8521 Ogden (801)394-7288 Fax (801)521-8521

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **Improvement Plan**
GOLF COURSE MARKETPLACE
GOLF COURSE ROAD AND MCMAHON BOULEVARD

DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL
MO./DAY/YR.
MO./DAY/YR.

CITY PROJECT NO. 781781
ZONE MAP NO. A-12-Z

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS		DESIGNED BY: KR		DRAWN BY: BP		CHECKED BY:		MICRO-FILM INFORMATION	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	BY	NO.	BY	NO.	BY	NO.	BY	NO.	BY
Albuquerque Control Survey Monument "BLACK 2"	1/15/08	Albuquerque Control Survey Monument "BLACK 2"	1/15/08														
New Mexico State Plane Coordinate System, Central Zone (NAD 27) as published:	8/12/08	New Mexico State Plane Coordinate System, Central Zone (NAD 27) as published:	8/12/08														
Y = 1,530,241.52	1/22/08	Y = 1,530,241.52	1/22/08														
X = 372,920.43	6/30/08	X = 372,920.43	6/30/08														
Delta Alpha = -00°14'43"		Delta Alpha = -00°14'43"															
Ground to grid factor = 0.9996784		Ground to grid factor = 0.9996784															
Elevation = 5213.926 (NAVD 29)		Elevation = 5213.926 (NAVD 29)															

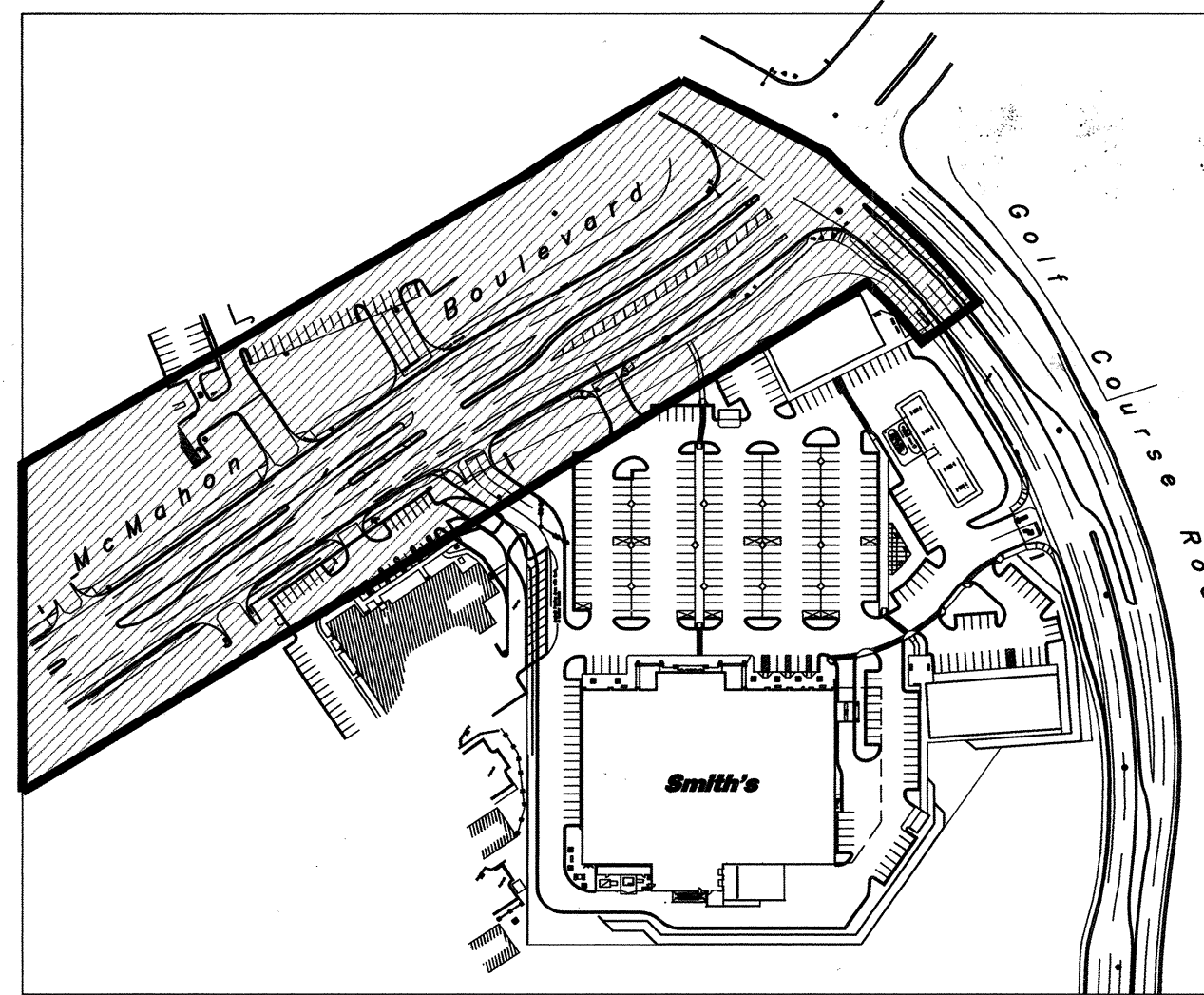
PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

The Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify, and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.

SOIL TO A DEPTH OF 24" WITH R VALUE GREATER THAN 50.

Smith's
FOOD & DRUG STORES
#463

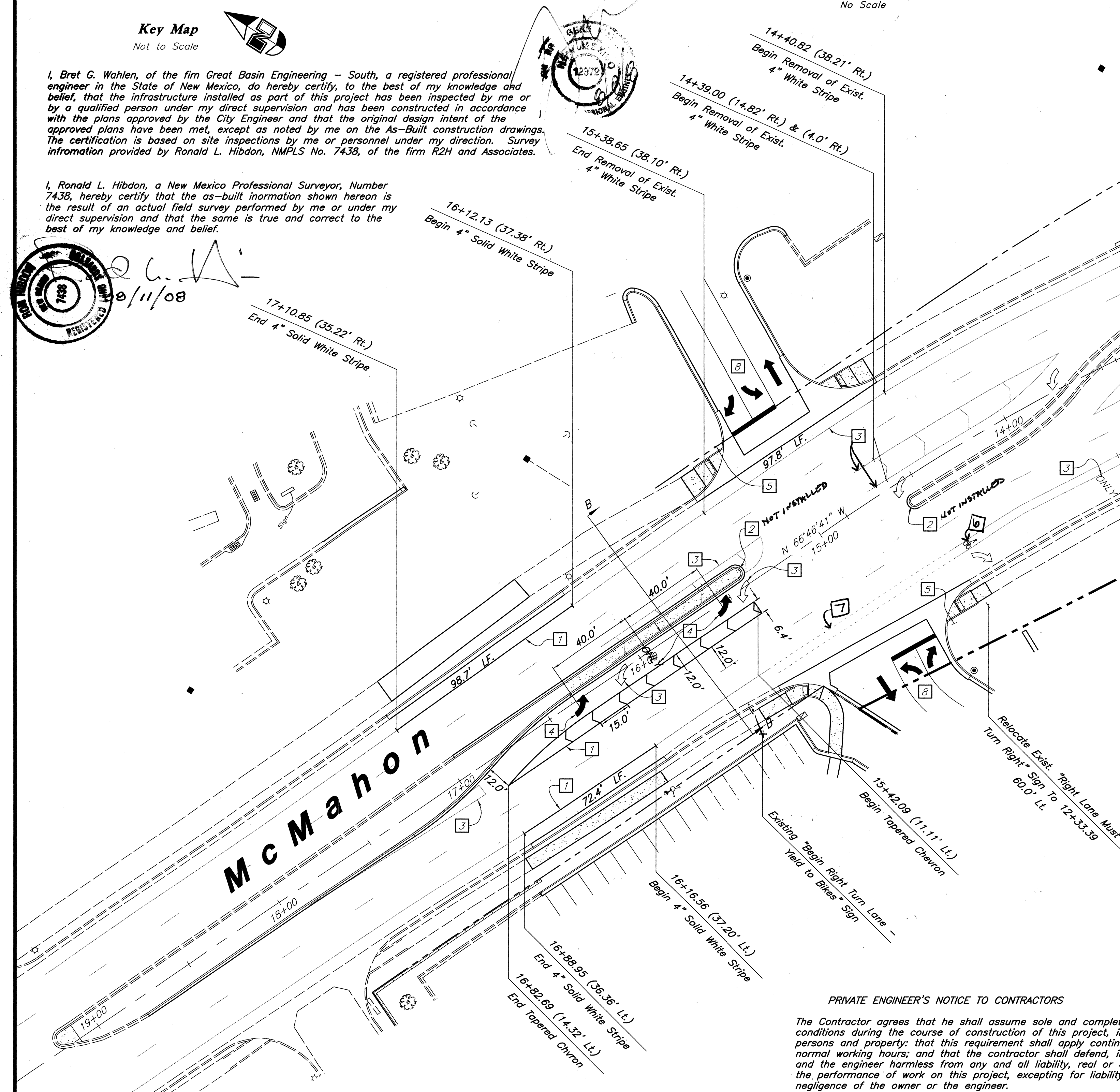
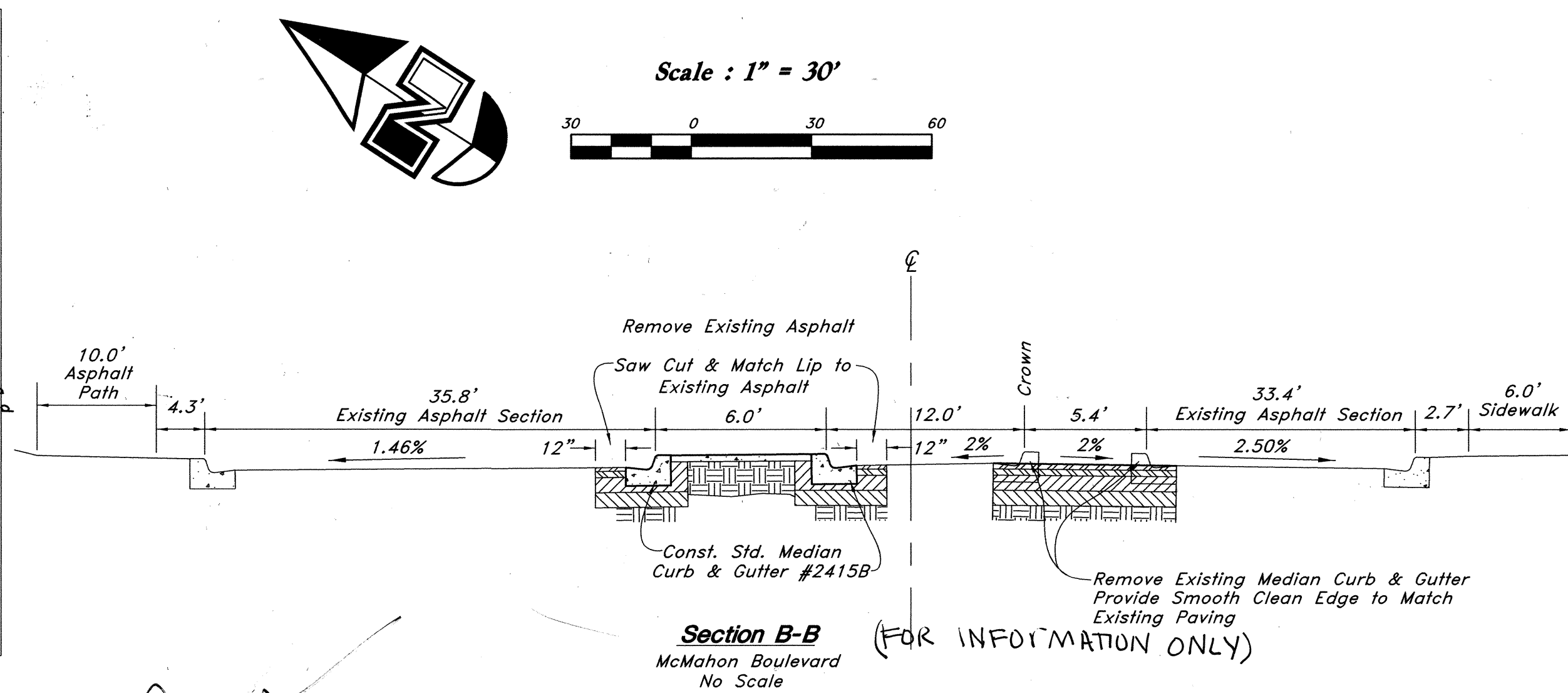
Golf Course Road & McMahon Boulevard
Albuquerque, New Mexico



Key Map
Not to Scale

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- 1 Const. 4" Solid White Stripe
- 2 Paint Median Nose Yellow & Const. Reflector Post
- 3 Remove Exist. Paint Stripe or Arrow, See Striping Eradication Note.
- 4 Const. 8.0" Turn Arrow, & "ONLY" Solid White @ 40.0" O.C. (Preformed Thermoplastic)
- 5 Const. 30" x 30" R1-1 Stop Sign
- 6 Const. Bike Symbol, Solid White
- 7 Remove Exist. Paint Stripe to Provide 4" Dashed Stripe (3' Stripe, 7' Gap)
- 8 Lane Striping, Arrows & Stop Bars NIC (See Building Permit)

Existing Striping (Thin Shaded Line)

———— Proposed Striping
CONTACT TRAFFIC OPERATIONS PRIOR TO ANY
SIGNING AND STRIPING (ANDREW GALLAGOS
Note: 505-857-8004)

Striping eradication shall be accomplished by water blasting or surface planing of the roadway to a maximum depth of 0.25" and a width equal to two times the width of the stripe or marking to be removed.

Section A-A
No Scale

A-A
ale

**Record
Drawing**

Smith's
FOOD & DRUG STORES

#463

***Golf Course Road & McMahon Boulevard
Albuquerque, New Mexico***

BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL	
NO.	BY	DATE	CONTRACTOR	DATE	REVISIONS	DESIGNED BY	DATE
			Albuquerque Central Survey Monument "BLACK 2"			KR	18 May, 2006
			New Mexico State Plane Coordinate System,			BP	18 May, 2006
			Central Zone (NAD 27) as published:				
			Y= 1,530,241.52				
			X= 372,920.43				
			Delta Alpha= -00°14'43"				
			Ground to grid factor= 0.9996784				
			Elevation= 5213.926 (NAVD 29)				

Const. 4" Solid White Stripe

Paint Median Nose Yellow & Const. Reflector Post

Remove Exist. Paint Stripe or Arrow, See Striping Eradication Note.

Const. 8.0' Turn Arrow, & "ONLY" Solid White @ 40.0' O.C. (Preformed Thermoplastic)

Const. 30" x 30" R1-1 Stop Sign

Const. Bike Symbol, Solid White

Remove Exist. Paint Stripe to Provide 4" Dashed Stripe (3' Stripe, 7" Gap)

Lane Striping, Arrows & Stop Bars NIC (See Building Permit)

Existing Striping (Thin Shaded Line)

Proposed Striping

CONTACT TRAFFIC OPERATIONS PRIOR TO ANY LANE CHANGING AND STRIPING (ANDREW GALLEGOS 905-857-8004)

Striping eradication shall be accomplished by water blasting or surface planning of the roadway to a maximum depth of 0.25" and a width equal to two times the width of the stripe or marking to be removed.

GREAT BASIN ENGINEERING - SOUTH
CONSULTING ENGINEERS AND LAND SURVEYORS
2010 North Redwood Road, P.O. Box 16747
Salt Lake City, Utah 84116
Salt Lake City: (801)521-8529 Ogden: (801)394-7288 Fax: (801)521-9551

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **Striping Plan**
GOLF COURSE MARKETPLACE
GOLF COURSE ROAD AND MCMAHON BOULEVARD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

SHEET NO. **8 of 8**

CITY PROJECT NO. **781781**

ZONE MAP NO. **A-12-Z**

SMC4630RC-SP2