

CITY OF ALBUQUERQUE



December 13, 2016

Verlyn Miller, PE
Miller Engineering Consultants
3500 Comanche NE Bldg. F
Albuquerque, NM 87110

**Re: Sts. Peter and Paul Church School Addition
5800 Ouray NW
Request for Permanent C.O. - Accepted
Engineer's Stamp dated: 4-16-15 (H11D062)
Certification dated: 12-9-16**

Dear Mr. Miller,

Based on the Certification received 12/9/2016, the site is acceptable for release of a permanent Certificate of Occupancy by Hydrology.

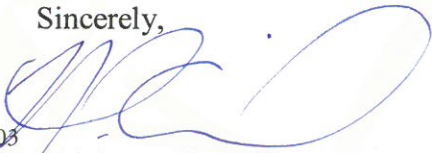
PO Box 1293

If you have any questions, you can contact me at 924-3986 or Totten Elliott at 924-3982.

Albuquerque

Sincerely,

New Mexico 87103


Abiel Carrillo, P.E.
Principal Engineer, Planning Department
Development and Review Services

www.cabq.gov

TE/AC

C: email, Cordova, Camille C.; Connor, Miranda, Rachel; Sandoval, Darlene M.;
Blocker, Lois



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: ST. PETER AND PAUL CHURCH SCHOOL ^{ADDITION} Building Permit #: _____ City Drainage #: _____
DRB#: _____ EPC#: _____ Work Order#: _____
Legal Description: PORTION OF TRACT 360 UNIT 8 (336D186P267) ZONE SU-1
City Address: 5800 OURAY N.W., ALBUQUERQUE, NM.
Engineering Firm: MILLER ENGINEERING CONSULTANTS, INC Contact: JOHN JACQUEZ
Address: 3500 CONNOR NE, BLDG. F, ALBUQUERQUE, NM 87107
Phone#: 505-888-7500 Fax#: 505-888-3800 E-mail: JJACQUEZ@MECNM.COM
Owner: THE SOCIETY OF SAINT PETER Contact: FR. PATRICK RUTLEDGE
Address: 2331 MAIDEN GRASS RD NW, ALBUQUERQUE, NM 87120
Phone#: 816-753-0073 Fax#: _____ E-mail: _____
Architect: ORCUTT WINSLOW Contact: TIM SCHWARTZ
Address: 3003 N. CENTRAL AVE., 16TH FLOOR, PHOENIX, AZ 85012
Phone#: 602-257-1764 Fax#: _____ E-mail: _____
Other Contact: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

Check all that Apply:

DEPARTMENT:

☐ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

☒ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY

TYPE OF SUBMITTAL:

☒ ENGINEER/ ARCHITECT CERTIFICATION

☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☐ OTHER (SPECIFY) _____

☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR

☐ PRE-DESIGN MEETING

☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: 12-9-2016 By: [Signature]

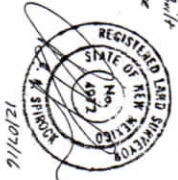
COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

GRADING AND DRAINAGE NARRATIVE

THE EXISTING PROPERTY HAS AN EXISTING CHURCH AND EXISTING FELLOWSHIP HALL WITH ASSOCIATED CONCRETE AND ASPHALT PARKING LOT ON THE NORTHERN PORTION OF THE PROPERTY. THESE EXISTING BUILDINGS ARE ACCESSIBLE FROM THE NORTH FROM OURAY ROAD. THE PROPOSED DEVELOPMENT IS LOCATED TO THE SOUTH OF THE EXISTING BUILDINGS AND PARKING AREA. THE LAND IS GENERALLY FLAT AND SLOPES FROM THE NORTH TO THE SOUTH. THERE IS AN EXISTING POND JUST SOUTH OF THE EXISTING PARKING AREA AND JUST EAST OF THE WESTERN PROPERTY LINE. THERE IS AN EXISTING DRAINAGE CHANNEL THAT IS JUST SOUTH OF THE EXISTING POND. THE CHANNEL RUNS PARALLEL TO THE WEST PROPERTY LINE AND DISCHARGES INTO THE EXISTING DRAIN INLET AT THE SOUTHERN CORNER OF THE PROPERTY. THE PROPOSED DEVELOPMENT IS LOCATED TO THE SOUTH OF THE EXISTING BUILDINGS AND PARKING AREA. THE PROPOSED DEVELOPMENT IS BOUNDED BY OURAY ROAD ON THE NORTH SIDE. THE PROPERTY IS BOUNDED BY MIAMI ROAD ON THE SOUTH SIDE. THE PROPERTY IS BOUNDED BY MIAMI ROAD ON THE SOUTH SIDE. THE PROPERTY IS BOUNDED BY MIAMI ROAD ON THE SOUTH SIDE.

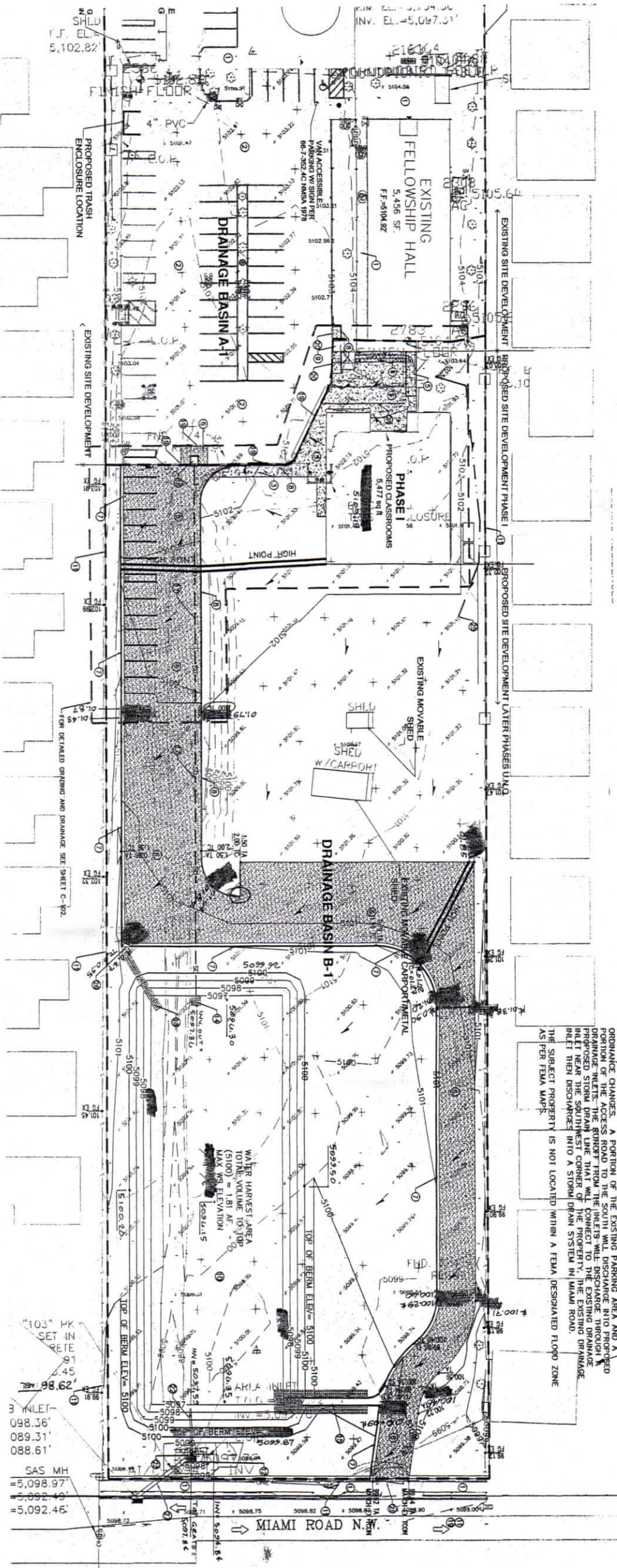
THE PROPOSED GRADING IMPROVEMENTS WILL INCLUDE STANDARD CURB AND GUTTER, WITH CURB CUTS AND RUNDOWNS ALLOWING STORMWATER INTO A PROPOSED WATER HARVESTING AREA. THIS WATER HARVESTING AREA WILL BE USED TO MANAGE THE BOTH PERCENTAGE STORM EVENTS (100% AND 200% OF 5485 SF/12" = 1510 CF. WATER HARVESTING AREA ALTERNATIVE DRAINAGE 1510 CF) AS REQUIRED BY PORTION OF THE EXISTING PARKING AREA AND A PORTION OF THE ACCESS ROAD TO THE SOUTH WILL DISCHARGE INTO PROPOSED DRAINAGE INLETS. THE RUNOFF FROM THE INLETS WILL DISCHARGE THROUGH A PROPOSED STORM DRAIN LINE THAT WILL CONNECT TO THE EXISTING DRAINAGE INLET NEAR THE SOUTHWEST CORNER OF THE PROPERTY IN MIAMI ROAD. THE INLET THEN DISCHARGES INTO A STORM DRAIN SYSTEM IN MIAMI ROAD.

THE SUBJECT PROPERTY IS NOT LOCATED WITHIN A FEMA DESIGNATED FLOOD ZONE AS PER FEMA MAPS.



Revised for As-Built
grading and drainage
11/21/16

DATE 12/4/16



LEGEND:

PROPOSED SPOT ELEVATIONS (FINISHED GRADE)	GR	GRADE BREAK
MATCH EXISTING ELEVATIONS (65.19)	SD	STORM DRAIN LINE
TOP OF CONCRETE FLOW LINE, CURB		
INVERT		
FINISH GRADE		
TOP OF WALL		
TOP OF CURB		
TOP OF GRATE		
PROPOSED DRAIN BASIN		
PROPOSED MANHOLE		
FLOW ARROW		

KEYED NOTES:

- EXISTING CONCRETE SIDEWALK/FLATWORK TO REMAIN.
- EXISTING ASPHALT SURFACE TO REMAIN.
- NEW CONCRETE FLATWORK. SEE ARCHITECTURAL PLANS FOR DETAILS.
- NEW CONCRETE STAIRS. SEE ARCHITECTURAL PLANS FOR DETAILS.
- NEW TYPE A HANDICAP RAMP WITH PEDESTRIAN HAND RAIL (MAX GRADE 12.1%). SEE ARCHITECTURAL PLANS FOR DETAILS.
- NEW HOT MIX ASPHALT SURFACE. SEE SHEET C-500 FOR DETAIL.
- NEW CONCRETE CURB AND GUTTER. SEE SHEET C-500 FOR DETAIL.
- NEW CONCRETE HEAD CURB. SEE SHEET C-500 FOR DETAIL.
- NEW HANDICAP RAMP. SEE SHEET C-500 FOR DETAIL.
- NEW WATER HARVEST AREA. (PONDING REQUIRED TO MANAGE 90 PERCENTILE STORM EVENTS). SEE SHEET C-500 FOR DETAIL. VOL. AT BOTTOM OF NEW 12" OUTFLOW PIPE=0.192 AF=83.64 CF.
- APPROXIMATE LOCATION OF PROPERTY LINE
- EXISTING STORM DRAIN DROP INLET TO REMAIN. INV(OUT)=91.78
- NEW CLASS B LOOSE RIP RAP RUNDOWN. SEE SHEET C-500 FOR DETAIL. INV=97.72
- NEW CLASS B LOOSE RIP RAP PAD. SEE SHEET C-500 FOR DETAIL.
- NEW CONCRETE AND RIP RAP RUNDOWN. SEE SHEET C-500 FOR DETAIL.
- NEW TYPE DOUBLE D STORM DRAIN DROP INLET. TOP OF GRATE = 5100.70, INV = 5098.28, AS PER COA STD DWG. 2206.
- NEW 2" - 12" STORM DRAIN PIPE. INV(IN) = 5098.28 INV(OUT) = 5097.00
- NEW TRASH ENCLOSURE. SEE ARCHITECTURAL PLANS FOR DETAILS.
- SAW CUT EXISTING HOT MIX ASPHALT SURFACE TO CLEAN STRAIGHT EDGE. AS NECESSARY TO INSTALL NEW HEADER CURB OR NEW HOT MIX ASPHALT. SLOPE CUTS ARE NOT ALLOWED.
- SAW CUT EXISTING HEADER CURB. MATCH TOP OF CONCRETE SIDEWALK ELEVATION WITH EXISTING TOP OF ASPHALT ELEVATION.
- MATCH TOP OF NEW HOT MIX ASPHALT SURFACE WITH EXISTING TOP OF CONCRETE SIDEWALK ELEVATION.
- NEW 12" STORM DRAIN PIPE. INV(IN) = 5098.28 INV(OUT) = 5097.00
- CONNECT NEW 12" STORM DRAIN PIPE TO EXISTING STORM DRAIN INLET.
- GROUT AROUND NEW STORM DRAIN PIPE.
- NEW CONCRETE SWALE.
- NEW EARTHENED SWALE. GRADE SWALE TO DRAIN TO NORTH SIDE OF PROPOSED CLASSROOMS. SEE DETAIL SHEET C-500.

- NEW 3" WIDE CURB CUT.
- EXISTING 24" ROP CONNECTING TO BACK OF EXISTING CURB INLET.



SCALE: 1"=30'
CONTOUR INTERVAL: 1'



Engineers & Planners
3000 GARDNER, NE
ALBUQUERQUE, NM 87107
(505) 265-7200
WWW.MECN.COM

Society of St Pius X
Sts. Peter & Paul Church School
5800 OURAY RD NW, ALBUQUERQUE, NM
87120

CLIENT CONTACT
Steve O'Dell 816-733-2573
11485 N. Fairway 816-753-3660
P.O. Box 10000
Pleasant City, MO 64079

PROJECT NO. 2014_003
DATE OF ISSUE 4.16.2015

REVISION NO. DATE
1. 3.20.2015
2. 4.16.2015

PROJECT TEAM
PROJECT MANAGER: KR
DRAWN BY: KR

BUILDING PERMIT
SHEET NO. C-101

OVERALL GRADING AND DRAINAGE PLAN

orcutt winslow

3003 n central ave
albuquerque, nm 87112
orcutt@orcutt.com
602.257.1764
602.257.9029
www.owp.com

2

5,477 sq ft

PROPOSED CLASSROOMS

5103,19

THIS DOCUMENT IS THE PROPERTY OF THE UNITED STATES GOVERNMENT. IT IS LOANED TO YOUR AGENCY OR ORGANIZATION AND IS TO BE RETURNED TO THE NATIONAL ARCHIVES AT COLLEGE PARK, MARYLAND 20740-6001. IT IS TO BE REPRODUCED AND DISTRIBUTED IN UNLIMITED QUANTITIES FOR OFFICIAL USE ONLY. IT IS TO BE KEPT IN A SAFE PLACE AND NOT BE LOANED TO OTHERS. IT IS TO BE PROTECTED FROM FIRE, WATER, AND OTHER DAMAGE. IT IS TO BE KEPT IN A SAFE PLACE AND NOT BE LOANED TO OTHERS. IT IS TO BE PROTECTED FROM FIRE, WATER, AND OTHER DAMAGE.

THE INFORMATION CONTAINED HEREIN IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND CHAINAGE 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.

12/9/16
/DATE

EXISTING MOVABLE
SHED

3003 n central ave
sixteenth floor
phoenix az 85012
mail@owp.com
602.257.1764 t
602.257.9029 f
www.owp.com

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Society of St Pius X
Sts. Peter & Paul Church School
5800 OURAY RD NW, ALBUQUERQUE, NM
87120

Steve O'Dell
11485 N. Farley
Rd.
816-733-2573 t
816-753-3560 f
sodell@sapx.org

REVISION NO.	DATE

comments

Scolaro **KR**

SHEET CONTENTS

SHEET NO.

C-102

A1 DETAILED GRADING AND DRAINAGE PLAN

SCALE: 1"=2'

Diagram illustrating a cross-section of a proposed spot elevation (finished) and match existing elevations. The diagram shows the relationship between various elevations and structures:

- PROPOSED SPOT ELEVATIONS (FINISHED)**: Indicated by a dashed line.
- MATCH EXISTING ELEVATIONS**: Indicated by a solid line.
- TOP OF WALL**: Labeled as TW.
- TOP OF CURB**: Labeled as TC.
- TOP OF GRADE**: Labeled as TO.
- FINISH GRADE**: Labeled as FG.
- TOP OF CONCRETE FLOW LINE**: Labeled as FL.
- INVERT**: Labeled as IV.
- GRADE BREAK**: Indicated by a vertical line.
- SWALE**: Indicated by a horizontal line.
- PROPOSED MAJOR CONTOUR**: Indicated by a dashed line.
- PROPOSED MINOR CONTOUR**: Indicated by a solid line.
- EXISTING MAJOR CONTOUR**: Indicated by a dashed line.
- EXISTING MINOR CONTOUR**: Indicated by a solid line.

The diagram also shows a **TOUR DRAIN LINE** and a **SWALE** area. The elevation of the top of the wall is 51.02, and the elevation of the top of the curb is 50.95. The elevation of the top of the grate is 50.80. The elevation of the finish grade is 50.70. The elevation of the top of the concrete flow line is 50.60. The elevation of the invert is 50.50. The elevation of the grade break is 50.40. The elevation of the swale is 50.30. The elevation of the proposed major contour is 50.20. The elevation of the proposed minor contour is 50.10. The elevation of the existing major contour is 50.00. The elevation of the existing minor contour is 49.90.

PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR

PROPOSED DRAIN BASIN
PROPOSED MANHOLE

FLOW ARROW

[illegible]

SCALE: 1 = 10
CONTINUOUS INTERVAL

SCALE: 1 = 10
CONTINUOUS INTERVAL = 1'



MILLER ENGINEERING CONSULTANTS

Engineers • Planners
1500 CONANT ST.

ALBUQUERQUE, NM 87102

(505) 888-7500
(505) 888-7500 (TAX)

FOR GRADING SEE OVERALL
GRADING PLAN SHEET C-101

✓
C. B. for THIS AREA
TO BE RECONSTRUCTED
FOR ACCESS BUREAU
FOR