CITY OF ALBUQUERQUE

June 2, 2011
Bret Gene Wahlen, P.E.
Great Basin Engineering – South
2010 North Redwood Road
Salt Lake City, UT 84116

Re: Smiths Fuel Center #459, 7525 Holly NE
Permanent Certificate of Occupancy – Transportation Development
Engineer's Stamp dated 05-31-11 (C19-D054)
Certification dated 05-31-11

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 06-01-11, Transportation Development has approved your request for a Permanent Certificate of Occupancy (C.O.). This letter serves as a "green tag" from Transportation Development for a **Permanent Certificate of Occupancy** to be issued by the Building and Safety Division.

If you have any questions, you can contact me at 924-3630.

Sincerely,

Nilo Salgado-Fernandez, P.E.
Senior Traffic Engineer, Planning Dept.
Development and Building Services

C: CO Clerk
File

PO Box 1293
Albuquerque
NM 87103
www.cabq.gov

GREAT BASIN ENGINEERING - South

2010 North Redwood Road • P.O. Box 16747 • Salt Lake City, Utah 84116
(801) 521-8529 • (801) 394-7288 • Fax (801) 521-9551

CONSULTING ENGINEERS
AND LAND SURVEYORS

TRAFFIC CERTIFICATION

I, Bret G. Wahlen, NMPE 12972, of the firm Great Basin Engineering, South, hereby verify that this project is in substantial compliance with and in accordance with the design intent of the DRB approved plan dated 9-7-10. The record information edited onto the original design document has been obtained by Andrew S. Medina, NMPS 12649, of the firm Sandia Land Surveying, LLC. I further verify that I have reviewed the site improvements and personnel under my direct supervision observed the project site on 5-10-11 and have determined by visual observation that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This documentation is submitted in support of a request for Certificate of Occupancy (Perm.)

(Describe any exceptions and/or qualifications here in a separate paragraph)

-None

(Describe any deficiencies and/or corrections required here in a separate paragraph)

-The Easterly driveway connection across Lot 17-A is not constructed and will be completed by others.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the traffic 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.

BRET GENE WAHLEN
NEW MEXICO
12972
REGISTERED PROFESSIONAL ENGINEER

Bret G. Wahlen, NMPE 12972

(seal)

5/31/11

Date

JUN 1 2011
SECTION

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(Rev. 06/22/2005)

• PROJECT TITLE: SMITH'S #459 FUEL CENTER ZONE MAP/DRG. FILE # C-19/ D054
DRB#: 1003532 EPC#: 10EPC 40035 & 40036 WORK ORDER#: 796482

LEGAL DESCRIPTION: SO 135' OF LOTS 17 & 18, BLOCK 9, TRACT 2, UNIT 9 NORTH ALBUQUERQUE ACRES
CITY ADDRESS: 7525 HOLLY AVENUE NE

ENGINEERING FIRM: GREAT BASIN ENG. - SOUTH CONTACT: KIRK RANDALL
ADDRESS: 2010 NO. REDWOOD RD. PHONE: 801-521-8529
CITY, STATE: SALT LAKE CITY, UT. ZIP CODE: 84116

OWNER: SMITH'S FOOD & DRUG CENTERS, INC CONTACT: ROGER GOUGH
ADDRESS: 1550 SOUTH REDWOOD ROAD PHONE: 801-974-1529
CITY, STATE: SALT LAKE CITY, UT ZIP CODE: 84104

ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:
- ____ DRAINAGE REPORT
- ____ DRAINAGE PLAN 1st SUBMITTAL
- ____ DRAINAGE PLAN RESUBMITTAL
- ____ CONCEPTUAL G & D PLAN
- ____ GRADING PLAN
- ____ EROSION CONTROL PLAN
- ____ ENGINEER'S CERT (HYDROLOGY)
- ____ CLOMR/LOMR
- ____ TRAFFIC CIRCULATION LAYOUT
- ____ ENGINEER'S CERT (TCL)
- ✓ ENGINEER'S CERT (DRB SITE PLAN)
- ____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:
- ____ SIA/FINANCIAL GUARANTEE RELEASE
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D APPROVAL
- ____ S. DEV. FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ FOUNDATION PERMIT APPROVAL
- ____ BUILDING PERMIT APPROVAL
- ✓ CERTIFICATE OF OCCUPANCY (PERM)
- ____ CERTIFICATE OF OCCUPANCY (TEMP)
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ____ WORK ORDER APPROVAL
- ____ OTHER (SPECIFY)

RECEIVED
JUN 1 2011
HYDROLOGY SECTION

WAS A PRE-DESIGN CONFERENCE ATTENDED:
- ✓ YES
- ____ NO
- ____ COPY PROVIDED

SUBMITTED BY: _____ DATE: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan**: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans

2. **Drainage Plans**. Required for building permits, grading permits, paving permits and site plans less than five (5) acres.

3. **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

CITY OF ALBUQUERQUE

April 26, 2011
Bret Gene Wahlen, P.E.
Great Basin Engineering – South
2010 North Redwood Road
Salt Lake City, UT 84116

Re: Smiths Fuel Center #459, 7525 Holly NE

120-day Temporary Certificate of Occupancy – Transportation Development

Engineer's Stamp dated 04-22-11 (C19-D054)

Certification dated 04-22-11

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 04-25-11, Transportation Development has downgraded your request from a Permanent Certificate of Occupancy (C.O.) **a 120-day Temporary C.O.** This letter serves as a "green tag" from Transportation Development for a **120-day Temporary Certificate of Occupancy** to be issued by the Building and Safety Division.

The following items will need to be addressed prior to issuance of a Permanent Certificate of Occupancy (As a condition for Permanent CO approval): Provide parking bumpers on stalls; Sidewalk connection from Wyoming has a step that was constructed within City ROW it needs to be relocated to Smith's property.

Once these issues have been addressed you'll need to re-submit the total package for Permanent C.O.

If you have any questions, you can contact me at 924-3630.

RECEIVED
JUN 1 2011
HYDROLOGY SECTION

Sincerely,

Nilo Salgado-Fernandez, P.E.
Senior Traffic Engineer, Planning Dept.
Development and Building Services

C: CO Clerk
File

PO Box 1293
Albuquerque
NM 87103
www.cabq.gov

CITY OF ALBUQUERQUE

February 9, 2011

Bret Gene Wahlen, P.E.
Great Basin Engineering – South
2010 North Redwood Rd.
P.O. Box 16747
Salt Lake City, Utah 84116

Re: Smith's Fuel Center # 459, 7525 Holly Ave NE,
Request for Permanent C.O. - Approved
Engineer's Stamp dated: 10-27-10 (C-19/D054)
Certification dated: 04-18-11

Dear Mr. Wahlen,

Based upon the information provided in the Certification received 04-27-11, the above referenced Certification is approved for a release of a Permanent Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3982.

Sincerely,

Timothy E. Sims,
Plan Checker—Hydrology Section
Development and Building Services

C: CO Clerk—Katrina Sigala
File

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(Rev. 06/22/2005)

• PROJECT TITLE: SMITH'S #459 FUEL CENTER ZONE MAP/DRG. FILE # C-19/ D054
DRB#: 1003532 EPC#: 10EPC 40035 & 40036 WORK ORDER#: 796482

LEGAL DESCRIPTION: So 135' of Lots 17 & 18, Block 9, Tract 2, Unit 9 North Albuquerque Acres
CITY ADDRESS: 7525 Holly Avenue NE

ENGINEERING FIRM: GREAT BASIN ENG. - SOUTH CONTACT: KIRK RANDALL
ADDRESS: 2010 No. REDWOOD RD. PHONE: 801-521-8529
CITY, STATE: SALT LAKE CITY, UT. ZIP CODE: 84116

OWNER: SMITH'S FOOD & DRUG CENTERS, INC CONTACT: ROGER GOUGH
ADDRESS: 1550 SOUTH REDWOOD ROAD PHONE: 801-974-1529
CITY, STATE: SALT LAKE CITY, UT ZIP CODE: 84104

ARCHITECT: CONTACT:
ADDRESS: PHONE:
CITY, STATE: ZIP CODE:

SURVEYOR: CONTACT:
ADDRESS: PHONE:
CITY, STATE: ZIP CODE:

CONTRACTOR: CONTACT:
ADDRESS: PHONE:
CITY, STATE: ZIP CODE:

TYPE OF SUBMITTAL:
- ____ DRAINAGE REPORT
- ____ DRAINAGE PLAN 1st SUBMITTAL
- ____ DRAINAGE PLAN RESUBMITTAL
- ____ CONCEPTUAL G & D PLAN
- ____ GRADING PLAN
- ____ EROSION CONTROL PLAN
- ✓ ENGINEER'S CERT (HYDROLOGY)
- ____ CLOMR/LOMR
- ____ TRAFFIC CIRCULATION LAYOUT
- ____ ENGINEER'S CERT (TCL)
- ____ ENGINEER'S CERT (DRB SITE PLAN)
- ____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:
- ____ SIA/FINANCIAL GUARANTEE RELEASE
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D APPROVAL
- ____ S. DEV. FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ FOUNDATION PERMIT APPROVAL
- ____ BUILDING PERMIT APPROVAL
- ✓ CERTIFICATE OF OCCUPANCY (PERM)
- ____ CERTIFICATE OF OCCUPANCY (TEMP)
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ____ WORK ORDER APPROVAL
- ____ OTHER (SPECIFY)

RECEIVED
APR 27 2011
HYDROLOGY SECTION

WAS A PRE-DESIGN CONFERENCE ATTENDED:
- ✓ YES
- ____ NO
- ____ COPY PROVIDED

SUBMITTED BY: Kirk Randall DATE: 4-27-11

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan**: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.

2. **Drainage Plans**: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.

3. **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

CITY OF ALBUQUERQUE

April 26, 2011
Bret Gene Wahlen, P.E.
Great Basin Engineering – South
2010 North Redwood Road
Salt Lake City, UT 84116

Re: Smiths Fuel Center #459, 7525 Holly NE

120-day Temporary Certificate of Occupancy – Transportation Development

Engineer's Stamp dated 04-22-11 (C19-D054)

Certification dated 04-22-11

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 04-25-11, Transportation Development has downgraded your request from a Permanent Certificate of Occupancy (C.O.) **a 120-day Temporary C.O.** This letter serves as a "green tag" from Transportation Development for a **120-day Temporary Certificate of Occupancy** to be issued by the Building and Safety Division.

The following items will need to be addressed prior to issuance of a Permanent Certificate of Occupancy (As a condition for Permanent CO approval): Provide parking bumpers on stalls; Sidewalk connection from Wyoming has a step that was constructed within City ROW it needs to be relocated to Smith's property.

Once these issues have been addressed you'll need to re-submit the total package for Permanent C.O.

If you have any questions, you can contact me at 924-3630.

Sincerely,

Nilo Salgado-Fernandez, P.E.
Senior Traffic Engineer, Planning Dept.
Development and Building Services

C: CO Clerk
File

PO Box 1293
Albuquerque
NM 87103
www.cabq.gov

GREAT BASIN ENGINEERING - South

2010 North Redwood Road • P.O. Box 16747 • Salt Lake City, Utah 84116
(801) 521-8529 • (801) 394-7288 • Fax (801) 521-9551

CONSULTING ENGINEERS
AND LAND SURVEYORS

TRAFFIC CERTIFICATION

I, Bret G. Wahlen, NMPE 12972, of the firm Great Basin Engineering, South, hereby verify that this project is in substantial compliance with and in accordance with the design intent of the DRB approved plan dated 9-7-10. The record information edited onto the original design document has been obtained by Andrew S. Medina, NMPS 12649, of the firm Sandia Land Surveying, LLC. I further verify that I have reviewed the site improvements and personnel under my direct supervision observed the project site on 4-18-11 and have determined by visual observation that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This documentation is submitted in support of a request for Certificate of Occupancy (Perm.)

(Describe any exceptions and/or qualifications here in a separate paragraph)

-None

(Describe any deficiencies and/or corrections required here in a separate paragraph)

-The Easterly driveway connection across Lot 17-A is not constructed and will be completed by others.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the traffic 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.

Bret G. Wahlen, NMPE 12972

(seal)

4/22/11

Date

BRET GENE WAHLEN
NEW MEXICO
12972
REGISTERED PROFESSIONAL ENGINEER

RE[illegible]D
APR 2 5 2011
RYL[illegible]Y
SECTION

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(Rev. 06/22/2005)

PROJECT TITLE: SMITH'S #459 FUEL CENTER ZONE MAP/DRG. FILE # C-19/ D054
DRB#: 1003532 EPC#: 10EPC 40035 & 40036 WORK ORDER#: 796482

LEGAL DESCRIPTION: SO 135' OF LOTS 17 & 18, BLOCK 9, TRACT 2, UNIT 9 NORTH ALBUQUERQUE ACRES
CITY ADDRESS: 7525 HOLLY AVENUE NE

ENGINEERING FIRM: GREAT BASIN ENG. - SOUTH CONTACT: KIRK RANDALL
ADDRESS: 2010 NO. REDWOOD RD. PHONE: 801-521-8529
CITY, STATE: SALT LAKE CITY, UT. ZIP CODE: 84116

OWNER: SMITH'S FOOD & DRUG CENTERS, INC CONTACT: ROGER GOUGH
ADDRESS: 1550 SOUTH REDWOOD ROAD PHONE: 801-974-1529
CITY, STATE: SALT LAKE CITY, UT ZIP CODE: 84104

ARCHITECT: CONTACT:
ADDRESS: PHONE:
CITY, STATE: ZIP CODE:

SURVEYOR: CONTACT:
ADDRESS: PHONE:
CITY, STATE: ZIP CODE:

CONTRACTOR: CONTACT:
ADDRESS: PHONE:
CITY, STATE: ZIP CODE:

TYPE OF SUBMITTAL:
- ____ DRAINAGE REPORT
- ____ DRAINAGE PLAN 1st SUBMITTAL
- ____ DRAINAGE PLAN RESUBMITTAL
- ____ CONCEPTUAL G & D PLAN
- ____ GRADING PLAN
- ____ EROSION CONTROL PLAN
- ____ ENGINEER'S CERT (HYDROLOGY)
- ____ CLOMR/LOMR
- ____ TRAFFIC CIRCULATION LAYOUT
- ____ ENGINEER'S CERT (TCL)
- ✓ ENGINEER'S CERT (DRB SITE PLAN)
- ____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:
- ____ SIA/FINANCIAL GUARANTEE RELEASE
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D APPROVAL
- ____ S. DEV. FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ FOUNDATION PERMIT APPROVAL
- ____ BUILDING PERMIT APPROVAL
- ✓ CERTIFICATE OF OCCUPANCY (PERM)
- ____ CERTIFICATE OF OCCUPANCY (TEMP)
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ____ WORK ORDER APPROVAL
- ____ OTHER (SPECIFY)

RECEIVED
APR 25 2011
HYDROLOGY SECTION

WAS A PRE-DESIGN CONFERENCE ATTENDED:
- ✓ YES
- ____ NO
- ____ COPY PROVIDED

SUBMITTED BY: KIRK RANDALL DATE: 4-21-11

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan**: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.

2. **Drainage Plans**: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.

3. **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

CONSULTING ENGINEERS
AND LAND SURVEYORS

GREAT BASIN ENGINEERING – South

2010 North Redwood Road • P.O Box 16747 • Salt Lake City, Utah 84116
(801) 521-8529 • (801) 394-7288 • Fax (801) 521-9551

LETTER OF TRANSMITTAL

Date: 4-22-11	Job No.:
Attention: Kristal Metro	
Re.	
Smith's #459 Fuel Center	
7525 Holly Ave. NE	

To: City of Albuquerque
600 2nd Street NW, Suite 102
Albuquerque, NM 87103

WE ARE SENDING YOU:

COPIES	DATE	DESCRIPTION
1		Information Sheet. DRB Certification and redlined Development Plan

THESE ARE TRANSMITTED as checked below:

- ☒ For approval
- ☐ For your use
- ☐ As requested
- ☐ For review and comment
- ☐ Approved as submitted
- ☐ Approved as noted
- ☐ Returned for corrections
- ☐ Other _____
- ☐ Please sign and return

REMARKS

Shipping Instructions:

☒ Fed Ex ☐ (Standard) ☒ (Priority overnight)
Phone #:
☐ Priority Mail
☐ U.S. Mail
☐ Hand Delivery
☐ Other _____

Copy to: _____

Received By: _____

Date: _____

From: Kirk Randall

RECEIVED
APR 2 5 2011
HYDROLOGY SECTION

CITY OF ALBUQUERQUE

November 1, 2010

Bret G. Wahlen, P.E.
Great Basin Engineering-South
2010 North Redwood Rd
Salt Lake City, UT 84116

Re: Smith's Fuel Center #459, 7525 Holly Ave NE, Grading Plan Engineer's Stamp dated 10-27-10 (C19/D054)

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 10-28-10, the above referenced plan is approved for Building Permit and Work Order with one comment to be addressed at Work Order.

- The energy dissipator along the western edge of the project should be adjacent to the edge of pavement.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required

This project requires a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharge and a Topsoil Disturbance Permit since it is disturbing ¾ of an acre or more.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: file
Kathy Verhage, DMD

PO Box 1293
Albuquerque
NM 87103
www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(Rev. 06/22/2005)

• PROJECT TITLE: SMITH'S #459 FUEL CENTER ZONE MAP/DRG. FILE # C-19/D054
DRB#: _____ EPC#: 10EPC 40035 & 40036 WORK ORDER#: _____

LEGAL DESCRIPTION: SO 135' OF LOTS 17 & 18, BLOCK 9, TRACT 2, UNIT 9 NORTH ALBUQUERQUE ACRES
CITY ADDRESS: 7525 HOLLY AVENUE NE

ENGINEERING FIRM: GREAT BASIN ENG. - SOUTH CONTACT: KIRK RANDALL
ADDRESS: 2010 NO. REDWOOD RD. PHONE: 801-521-8529
CITY, STATE: SALT LAKE CITY, UT. ZIP CODE: 84116

OWNER: SMITH'S FOOD & DRUG CENTERS, INC CONTACT: ROGER GOUGH
ADDRESS: 1550 SOUTH REDWOOD ROAD PHONE: 801-974-1529
CITY, STATE: SALT LAKE CITY, UT ZIP CODE: 84104

ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:
- ____ DRAINAGE REPORT
- ____ DRAINAGE PLAN 1st SUBMITTAL
- ____ DRAINAGE PLAN RESUBMITTAL
- ____ CONCEPTUAL G & D PLAN
- ✓ GRADING PLAN
- ____ EROSION CONTROL PLAN
- ____ ENGINEER'S CERT (HYDROLOGY)
- ____ CLOMR/LOMR
- ____ TRAFFIC CIRCULATION LAYOUT
- ____ ENGINEER'S CERT (TCL)
- ____ ENGINEER'S CERT (DRB SITE PLAN)
- ____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:
- ____ SIA/FINANCIAL GUARANTEE RELEASE
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D APPROVAL
- ____ S. DEV. FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ FOUNDATION PERMIT APPROVAL
- ✓ BUILDING PERMIT APPROVAL
- ____ CERTIFICATE OF OCCUPANCY (PERM)
- ____ CERTIFICATE OF OCCUPANCY (TEMP)
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ✓ WORK ORDER APPROVAL
- ____ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:
- ✓ YES
- ____ NO
- ____ COPY PROVIDED

RECEIVED
OCT 28 2010
HYDROLOGY SECTION

SUBMITTED BY: _____ DATE: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan**: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.

2. **Drainage Plans**: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.

3. **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

SMITH'S FUEL CENTER #459
7525 Holly Avenue NE

HOLLY AVENUE NE IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
September 2010

INDEX TO DRAWINGS

1 TITLE SHEET

2 GRADING PLAN

3 IMPROVEMENT PLAN

4 UTILITY PLAN

5 DETAIL SHEET

6 SUBDIVISION PLAT

Name	Phones	Business
Blaunkamp, Roland	Office phone: (505) 241-3606 Office fax: (505) 241-0559 Cell Phone: 401-7516	PNM - Electric 4201 Edith Blvd. NE Albuquerque, NM 87107
Hoskins, Earl	Office phone: (505) 697-3140 Office fax: (505) 344-0091 earl.hoskins@nmgco.com	PNM - Gas/Gas Co. of NM District Engineer 4625 Edith Blvd. NE Albuquerque, NM 87107
Stockton, David	Office phone: (303) 620-254 Cell Phone: (720) 219-8746	AT & T Area Manager Denver, Co
Darnell, Andy	Office phone: (505) 346-4470 Office fax: (505) 348-8666 Andy.darnell@verizonbusiness.com	MCI Worldcom Operations Manager 6001 Midway Park NE Albuquerque, NM 87109
Mortus, Mike	Office phone: (505) 761-6235 Office fax: (505) 761-0599 mike_mortus@cable.comcast.com	Comcast Project Manager 4611 Montbel Place NE Albuquerque, NM 87109
Musinski, Nancy	Office phone: (505) 768-2729 Office fax: (505) 768-3629 nmusinski@abcwua.org	Water Utility Authority P.O. Box 1293 Albuquerque, NM 87103
Harrison, Royal	Office phone: (505) 938-7339 Office fax: (505) 938-7380 Royal.Harrison@TWTelecom.com	Time Warner Telecom Plant Manager 3830 Singer Blvd NE, Ste 1000 Albuquerque, NM 87109
Mueller, Rick	Office phone: (505) 244-3161 Office fax: (505) 244-0094 Cell phone: 228-3329 richard.mueller@mcleodusa.com	McLeodUSA Supervisor of Outside Tech. 505 Marquette NW (Compass Bank), Suite 1600 Albuquerque, NM 87102
Jaramillo, Rita	Office phone: (505) 245-8352 Office fax: (505) 245-6733 Cell Phone: (505) 385-4472 rjarami@qwest.com	Qwest Manager - Engineering 201 3rd Street NW 400 Tijeras NW Rm. 710 Albuquerque, NM 87102

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.

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.

Legend

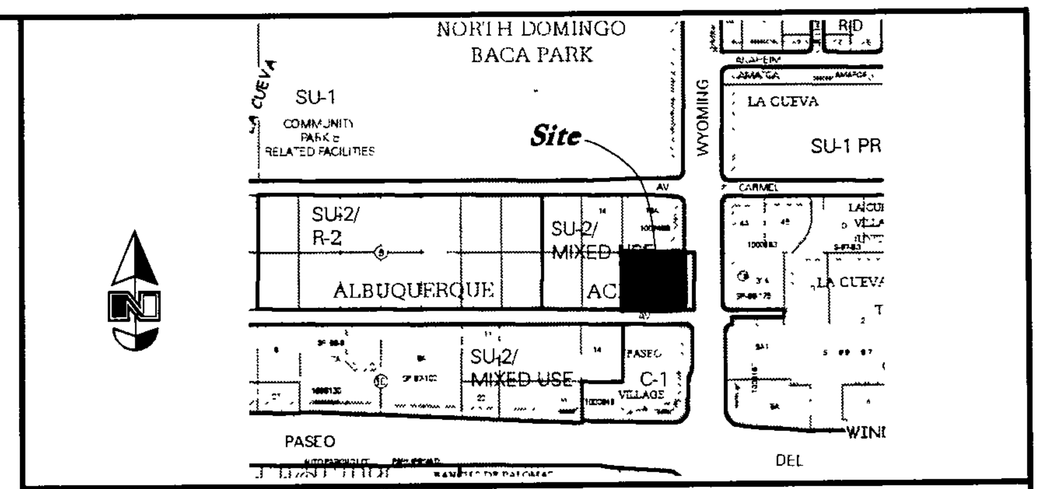
Proposed Curb & Gutter		Existing Improvements	
Proposed Open Face C & G		Existing Asphalt	
Proposed Asphalt		Existing Concrete	
Proposed Concrete		Existing Inlet Box	
Proposed Inlet Box		Existing Catch Basin	
Proposed Catch Basin		Existing Manhole	
Proposed Manhole		Existing Fire Hydrant	
Proposed Fire Hydrant		Existing Water Valve	
Proposed Water Valve		Existing Water	--W--
Proposed PVC SDR-21 Waterline	—W—	Existing Sewer	--S--
Proposed PVC DR-18 Pl Line	—PI—	Existing Sterm Drain	--SD--
Proposed PVC SDR-35 Sewer line	—S—	Existing Light Pole	
Proposed Sterm Drain	—SD—	Existing Street Light	
Proposed Light Pole		Existing Fence	--X--
Proposed Street Light		Existing Spot	+ 78.00TA
Proposed Fence	—X—	Existing Contour	75
Proposed Spot	+ 78.00TA	Existing Telephone Box	TB
Proposed Contour	78	Property Line	
Ridge line	--R--	Existing Building	
Direction of Drainage		Existing Gas	--G--
Proposed Building		Existing Power	--P--
Existing Power Pole		Existing Telephone	--T--
Existing Power Pole w/ Guy		Existing Gas Meter	
Existing Overhead Power Line		Existing Irrig. Control Box	
Existing Power Meter		Existing Bollard	
Existing Electrical Box		Flowline	
Existing Electrical Cabinet		Existing Hose Bib	
Existing Utility Marker		Centerline	
Existing Post		Working Point	
Existing Deciduous Tree			

Abbreviations

RCP	Reinforced Concrete Pipe	BRW	Finish Grade - Bottom of Retaining Wall
TA	Top of Asphalt	FH	Fire Hydrant
EA	Edge of Asphalt	WV	Water Valve
TW	Top of Walk	PP	Power Pole
TP	Top of Concrete	TB	Telephone Box
Lip	Lip of Gutter	EB	Electrical Box
FL	Flowline	ECAB	Electrical Cabinet
TC	Top of Curb	PM	Power Meter
TG	Top of Grate	MH	Manhole
CB	Catch Basin	EMH	Electrical Manhole
TMH	Telephone Manhole	LP	Light Pole
PVC	Poly Vinyl Chloride	CO	Cleanout Box
SD	Storm Drain	Mon	Monument
SMH	Sanitary Sewer Manhole	BOL	Bollard
SDMH	Storm Drain Manhole	G	Ground
TRW	Finish Grade - Top of Retaining Wall	TI	Top of Island

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400

#459
Albuquerque, New Mexico



VICINITY MAP — Zone Atlas Page: C-19-Z

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR 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. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION 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 CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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 ON 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 SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION 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 RAMPS 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

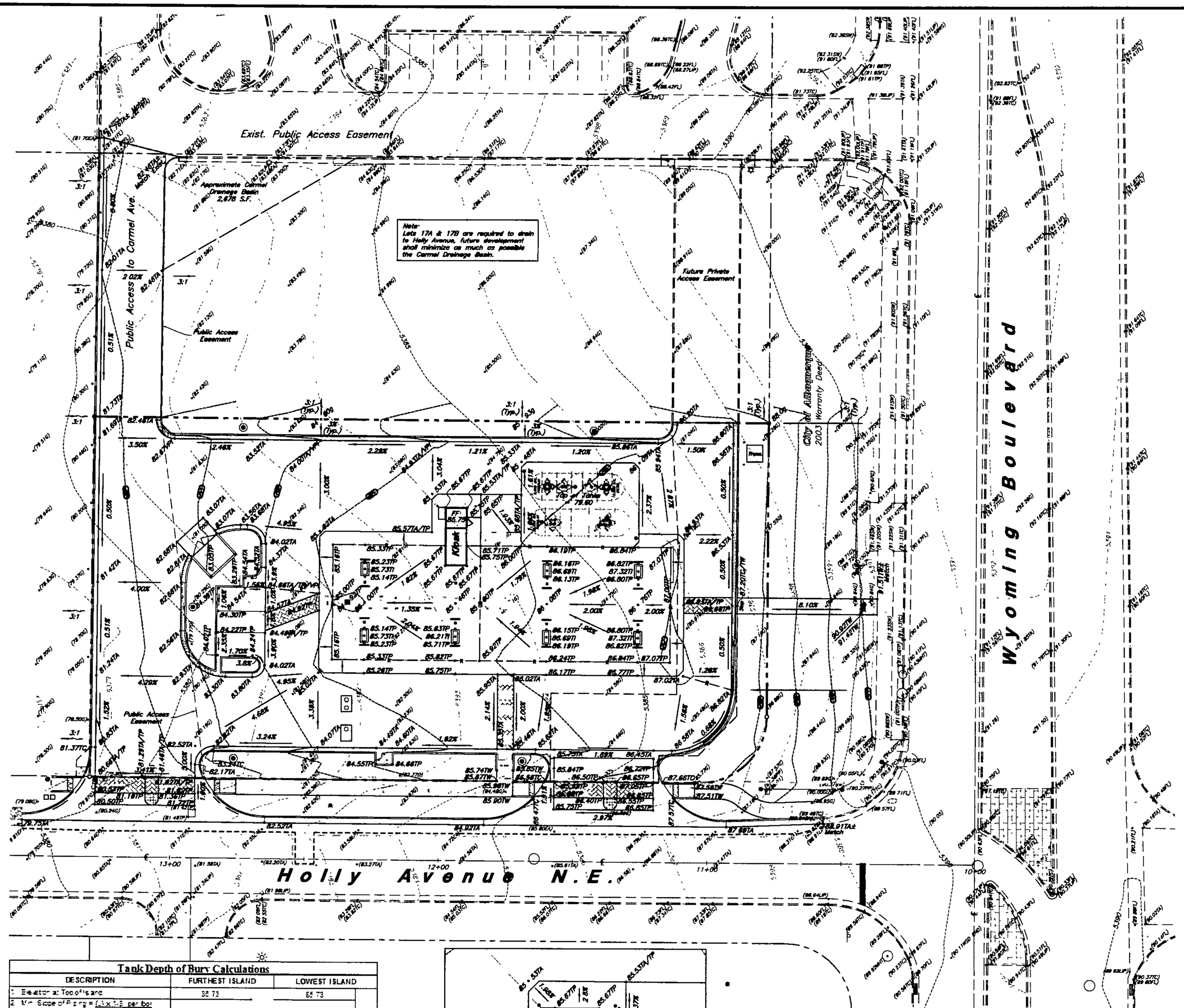
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
BRUCE GENE WAHLEN NEW MEXICO 12972 REGISTERED PROFESSIONAL ENGINEER	DRC Chairman		
	Transportation		
	Water/Wastewater		
	Hydrology		
	C.I.P.		
	Constr. Mngmt.		
	Constr. Coord.		
	CITY PROJECT NO. 796482		

****
APPROVED FOR CONSTRUCTION

City Engineer Date

SHEET **1 of 6**
24 Sep, 2010
SMC459GAS-DRC-CV

DRB# 1003532



Scale : 1" = 20'

20 0 20 40

Tank Installation Notes:

1. Contractor shall verify that a minimum of 1% slope is provided on all vapor recovery lines from the MPD to the tanks.

Filter Fabric Notes:

1. The bottom and all four sides of tank hole are to be lined with Amoco CEF 4545 or equivalent filter fabric.
2. All adjoining filter fabric panel seams are to be overlapped a minimum of 24"
3. All filter fabric is to be properly anchored to prevent movement while backfilling tank hole.

General Grading Notes:

1. All grading shall be in accordance with the project geotechnical study.
2. Cut slopes shall be no steeper than 3 horizontal to 1 vertical
3. Fill slopes shall be no steeper than 3 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 a Geotechnical Engineer.
5. Areas to receive fill shall be properly prepared and approved by a 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 a Geotechnical Engineer
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 a 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 permitee.
12. Approved protective measures and temporary drainage provisions must be used to protect adjoining properties during the grading process.
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 Field 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. The recommendations in the following Geotechnical Engineering Report by Western Technologies Inc. are included in the requirements of grading and site preparation. The Report is titled "Geotechnical Evaluation, Smith's Fuel Center #459."
    Job No.: 32JQU119
    Dated: June 14, 2010
18. 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.

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 the grading plan.
3. It is the responsibility of the surveyor to adjust top of asphalt grades to 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 from open face to standard curb and gutter are to be smooth. Hand form these areas if necessary.

New Mexico One Call, Inc.
NMOC
Professional Resources for Damage Prevention
1-800-321-ALERT

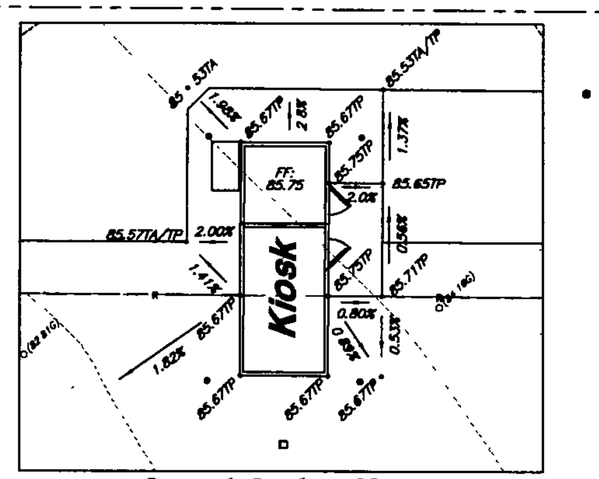
NOTE:
See Plans by Madison Industries for Footing Depth.

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.

ADA Note:
Contractor must maintain a running slope on Accessible routes no steeper than 5.0% (1:20). The cross slope for Accessible routes must be no steeper than 2.0% (1:50). All Accessible routes must have a minimum clear width of 36". If Grades on plans do not meet this requirement notify Consultant immediately.
The Client, Contractor and Subcontractor should immediately notify the Consultant of any conditions of the project that they believe do not comply with the current state of the ADA and/or FHAA.

Tank Depth of Bury Calculations

DESCRIPTION	FURTHEST ISLAND		LOWEST ISLAND	
1. Elevation at Top of Island	85.73		85.73	
2. Min. Slope of Piping = (Lx Min S) per foot				
12	2	ft	2	ft
Where L1 = 200 ft L2 = 200 ft				
3. Dispenser Island	4"			
Concrete Drive Slab	4"			
Pipe Cover	36"			
Pipe Diameter	3"			
Tank Connection	12"			
Total	3.5			
4. Grade Difference = (#2 + #3)	4.75	ft	4.75	ft
5. Top of Tanks = (#1 - #4)	80.98	ft	80.98	ft
6. Top of Tanks = Lowest Calculated Elevation			80.98	
Check Min. / Max. Burial Depth				
7. Lowest Elevation of Slab Above Tank			85.60	
8. Depth of Bury = (#7 - #6)	4.62	ft		ft
NOTE: If #8 < 4 ft Set Top of Tanks at (#7 - 4.0 ft) =			78.60	
If #8 > 7 ft Contact Owner for Certification of Burial Depth with Tank				



General Grading Notes:

Scale : 1" = 10'

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400

#459
Albuquerque, New Mexico

AS BUILT INFORMATION

CONTRACTOR	-	
WORK STAKED BY	-	DATE
FIELD ACCEPTANCE BY	-	DATE
FIELD VERIFICATION BY	-	DATE
DRAWINGS CORRECTED BY	-	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS
Albuquerque Control Station Monument "8-J16"
New Mexico State Plane Coordinate System,
Central Zone (NAD 83) as published:
N= N/A
E= N/A
Delta Alpha= N/A
Ground to grid factor= N/A
Elevation= 5,168.335 (NAVD 1988)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
GENE WAHLEN
NEW MEXICO
(2972)
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	SY

DESIGNED BY: KR DATE:
DRAWN BY: AM DATE: 24 Sep. 2010
CHECKED BY:

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)521-9821

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **Grading Plan**
SMITH'S FUEL CENTER #459
7525 Holly Avenue NE

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

For Information Only

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 796482 | ZONE MAP NO. C-19-Z | SHEET NO. 2 of 6

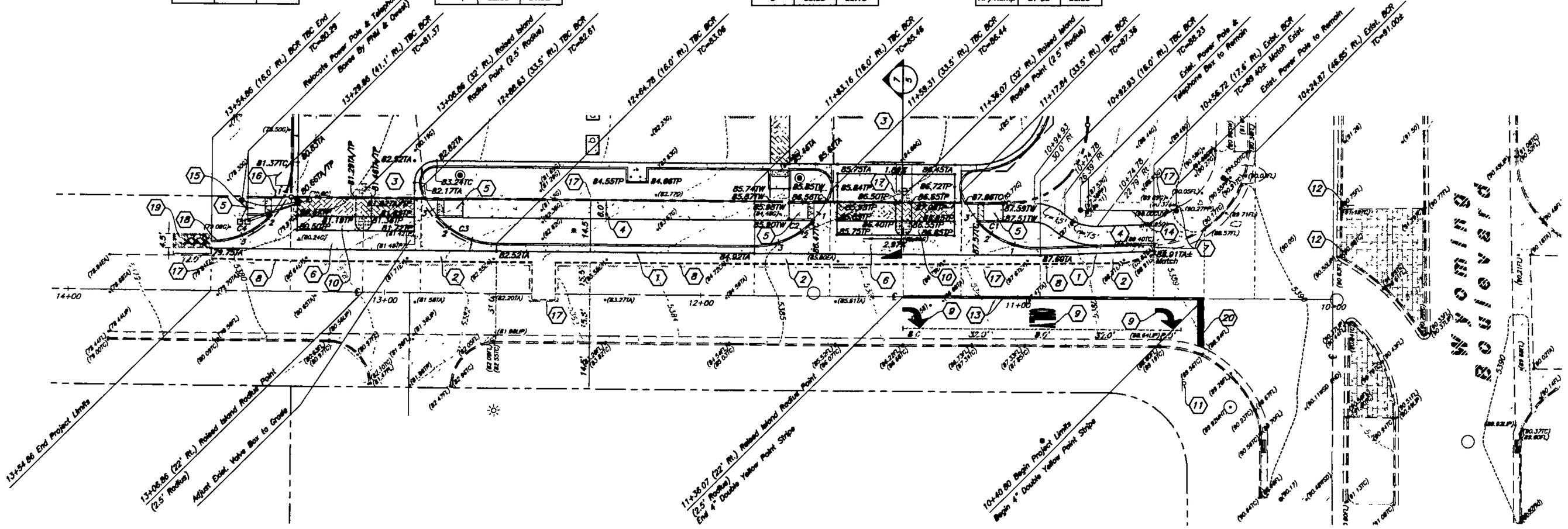
SMC459GAS-DRC-GR

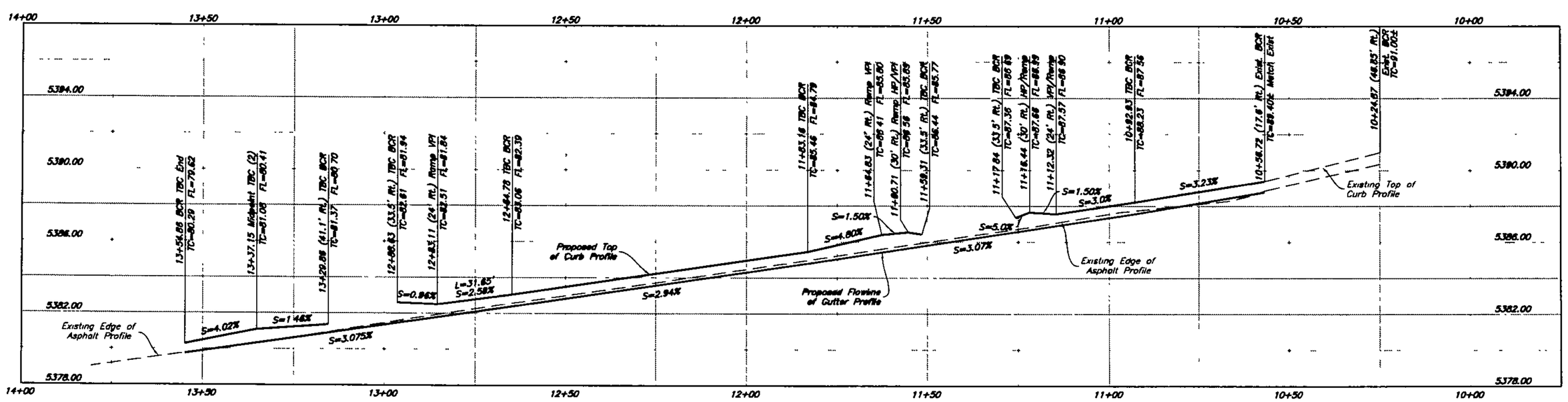
C4	TC	FL
1	81.22	80.55
Ramp	81.20	80.53
Ramp	81.11	80.44
2	81.08	80.41
3	80.69	80.02

C3	TC	FL
1	82.85	82.18
2	82.65	81.98
Ramp	82.51	81.84
3	82.53	81.86
Ramp	82.59	81.92

C2	TC	FL
HP	86.56	85.89
1	86.50	85.83
Ramp	86.47	85.80
2	86.25	85.58
3	85.85	85.18

C1	TC	FL
1	87.98	87.31
2	87.73	87.06
Ramp	87.57	86.90
3	87.60	86.93
HP/Ramp	87.66	86.99





Scale : 1" = 20' Hor.
1" = 4' Ver.

20 0 20 40

Construction Key Notes

1. Const. Standard Curb & Gutter per Albuquerque City Std Dwg 2415A
2. Const. Asphalt Paving, per Albuquerque City Std Dwg 2465. (1/5)
3. Const. Private Entrance per Albuquerque City Std Dwg 2426. (4/5) (1/5) (2/5)
4. Const. 6' Conc. Sidewalk per Albuquerque City Std Dwg 2430
5. Const. Curb Ramp w/Truncated Domes per Albuquerque City Std Dwg 2426 (4/5) (5/5)
6. Const. 6' Concrete Valley Gutter per Albuquerque City Std. Dwg 2420
7. Connect & Match to Existing Improvements
8. Sawcut; Provide Smooth Clean Edge, Remove & Replace 1' Wide Exist. Aphalt
9. Const. Asphalt Markings per MUTCD
10. Const. Conc. Paving (6/5)
11. Existing STOP Sign
12. Existing No Left Turn Sign
13. Const. 4" Solid Double Yellow Paint Stripe
14. Existing Guy Wire to Remain
15. 6:1 Tie In Grade to Existing Surface Elevation
16. Proposed Public Access Easement
17. Project Limit Line
18. Taper Curb
19. Install 6" Minus Crushed Rock Rip-Rap
20. Existing Stop Bar

Curve Data

C1	C2
Δ = 75°2'00"	Δ = 72°32'18"
R = 25.00'	R = 25.00'
L = 32.74'	L = 31.65'
LC = 30.45'	LC = 29.58'
S 54°33'29" E	N 54°04'28" E

C3	C4
Δ = 72°32'15"	Δ = 90°11'07"
R = 25.00'	R = 25.00'
L = 31.65'	L = 39.35'
LC = 29.58'	LC = 35.41'
S 53°23'15" E	N 45°15'03" E

New Mexico One Call, Inc.
NMOC
Professional Resources for Damage Prevention
1-800-321-ALERT

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400

#459
Albuquerque, New Mexico

AS BUILT INFORMATION

CONTRACTOR	-	-
WORK STAKED BY	-	DATE
FIELD VERIFICATION BY	-	DATE
DRAWINGS CORRECTED BY	-	DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
Albuquerque Control Station Monument "8-J16"
New Mexico State Plane Coordinate System, Central Zone (NAD 83) as published.
N= N/A
E= N/A
Delta Alpha= N/A
Ground to grid factor= N/A
Elevation= 5,168.335 (NAVD 1988)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
NEW MEXICO 12972 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY	SY
		REVISIONS		

DESIGN
DESIGNED BY: KR DATE:
DRAWN BY: AM DATE:
CHECKED BY: DATE: 24 Sep. 2010

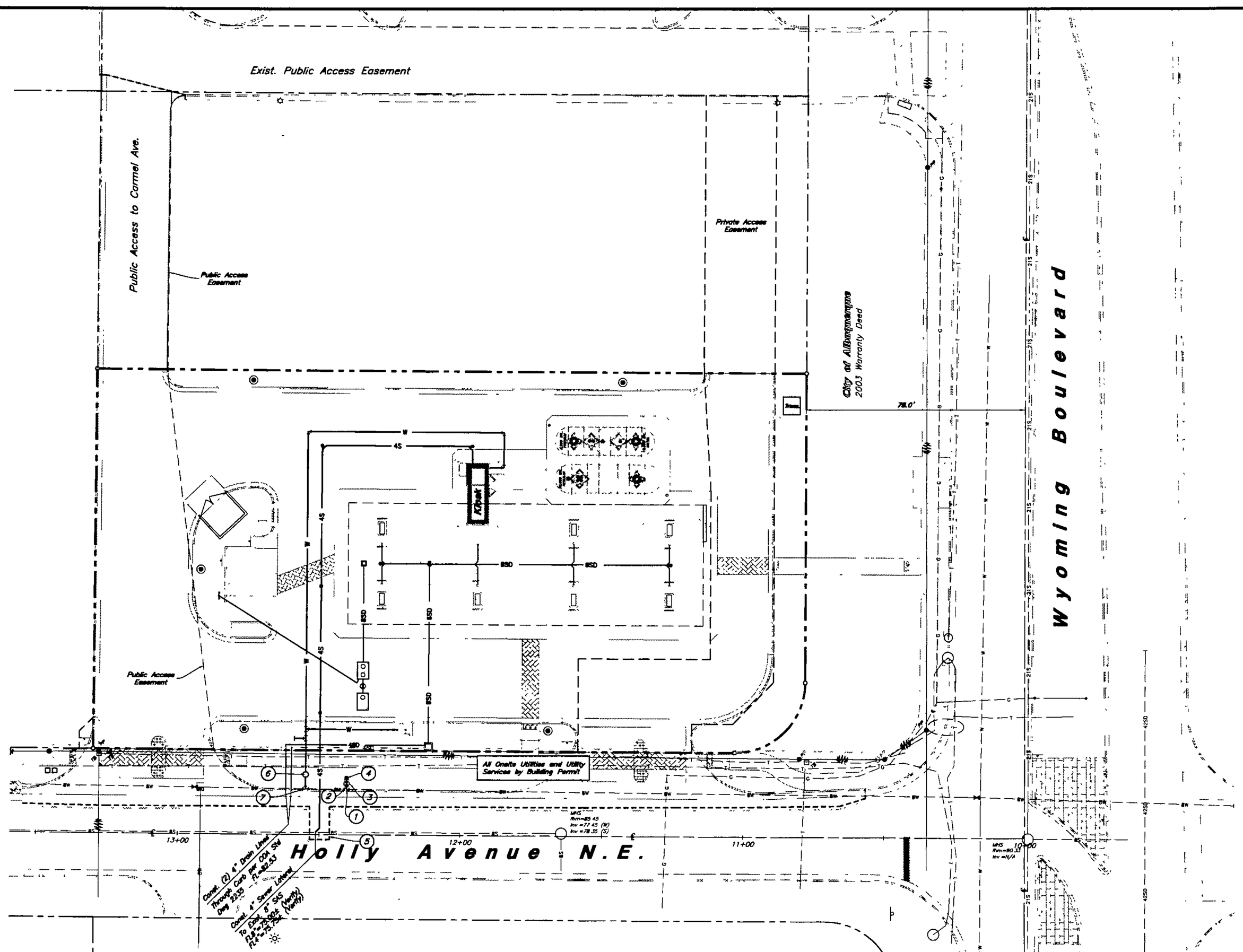
GREAT BASIN ENGINEERING - SOUTH
CONSULTING ENGINEERS and LAND SURVEYORS
2010 North Redwood Road, P.O Box 16747
Salt Lake City, Utah 84116
Salt Lake City (801)521-0925 Ogden (801)394-7288 Fax (801)521-8521

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
Improvement Plan
SMITH'S FUEL CENTER #459
7525 Holly Avenue NE

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

CITY PROJECT NO. 796482
ZONE MAP NO. C-19-Z
SHEET NO. 3 of 6
SMC459GAS-DRC-PP



Scale : 1" = 20'

20 0 20 40

Water Construction Notes

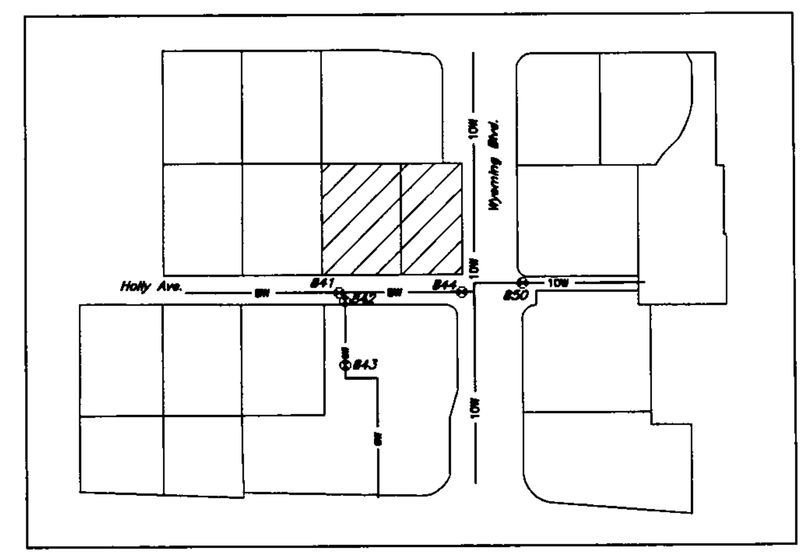
1. Conn. to Existing 8" water Line with 8"x6" Tapping Sleeve, Gate Valve and Valve Box per CDA Dwg 2326 & 2328 with Full Restraints and Blocking per CDA Std Dwg 2320
2. Const. 6" C-900-DR18 Water Line
3. Const. 6" Gate Valve & Valve Box per CDA Std Dwg 2326 (Updated January 2010, See this Sheet)
4. Const Fire Hydrant per CDA Std Dwg 2340. Flange Elevation = 84.12
5. Pavement Work Limits per CDA Std Dwg 2465 – Major Local
6. Const. ¾" Meter per ABCWUA Standards
7. Const. ¾" Service on Existing 8" PVC Water Line

Note.

Contractor shall install all additional Conduits per Gateway Plans.

General Utility Notes:

1. All sewer and water facilities shall be constructed per local jurisdiction standards and specifications. Contractor is responsible to obtain standards and specifications.
2. Verify depth and location of all existing utilities prior to constructing any new utility lines. Notify Civil Engineer of any discrepancies or conflicts prior to any connections being made.

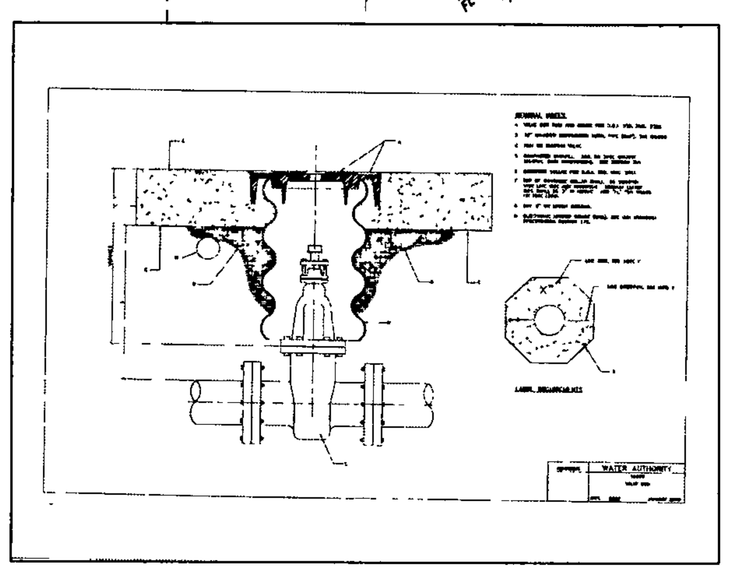


Emergency Water Shutoff Plan

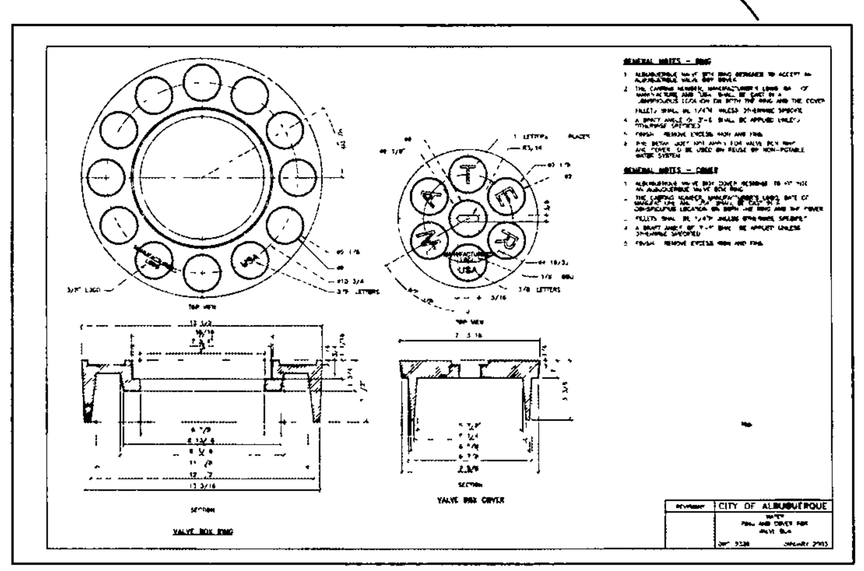
Hot Tap Existing 8" Water Line in Holly Avenue. In case of Emergency, The following valves will be required to be shut – B41, B42, and B44 on Albuquerque City Plan J16

Notify ABCWUA Water Systems Division in the Event Shut Off is Required. Only Water Systems Personnel are authorized to operate valves.

Contact: Anthony Montoya
768-2713



Albuquerque Std Dwg 2326



Albuquerque Std Dwg 2328

CAUTION :

The locations and/or elevations of existing utilities as shown on these plans are based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete.

New Mexico One Call, Inc.
NMOC
Professional Resources for Damage Prevention
1-800-321-ALERT

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400

#459
Albuquerque, New Mexico

AS BUILT INFORMATION

CONTRACTOR	-	
WORK STAKED BY	-	DATE -
INSPECTOR'S AS-BUILT CHECK BY	-	DATE -
FIELD VERIFICATION BY	-	DATE -
DRAWINGS CORRECTED BY	-	DATE -

MICRO-FILM INFORMATION

RECORDED BY DATE

NO

BENCH MARKS

Albuquerque Control Station Monument "9-J16"
New Mexico State Plane Coordinate System, Central Zone (NAD 83) as published:
N= N/A
E= N/A
Delta Alpha= N/A
Ground to grid factor= N/A
Elevation= 5,168.355 (NAVD 1988)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO (12972) REGISTERED PROFESSIONAL ENGINEER GENE WAHLEN

NO.	DATE	REMARKS	BY
		REVISIONS	SY
		DESIGN	BY

DESIGNED BY: KR DATE:
DRAWN BY: AM DATE:
CHECKED BY: DATE: 24 Sep. 2010

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)281-0888 Ogden (801)394-7288 Fax (801)281-0881

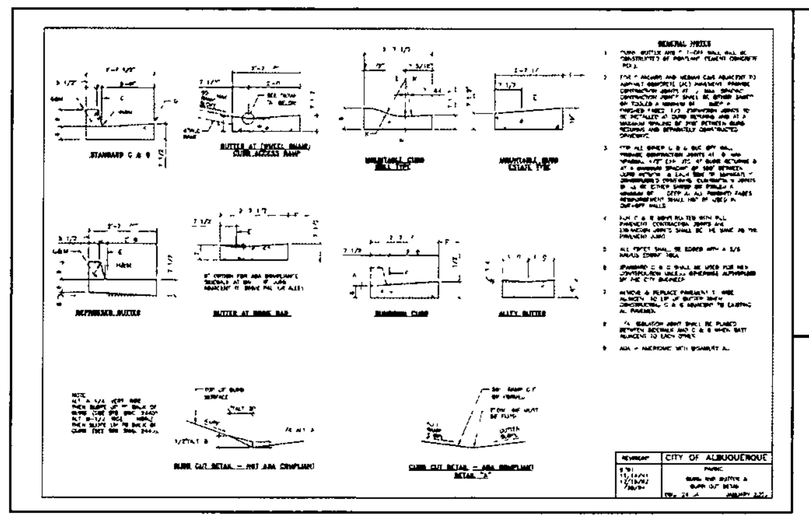
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **Utility Plan**
SMITH'S FUEL CENTER #459
7525 Holly Avenue NE

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

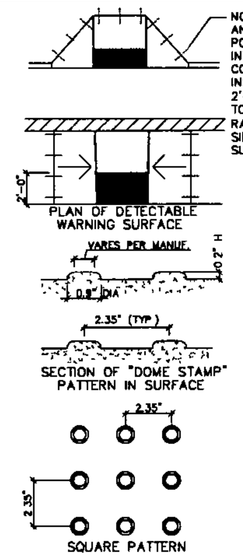
CITY PROJECT NO. 796482 | ZONE MAP NO. C-19-Z | SHEET NO. 4 of 6

SMC459GAS-DRC-UT



Standard C&G Detail per COA Dwg. 2415A

8 — Not to Scale



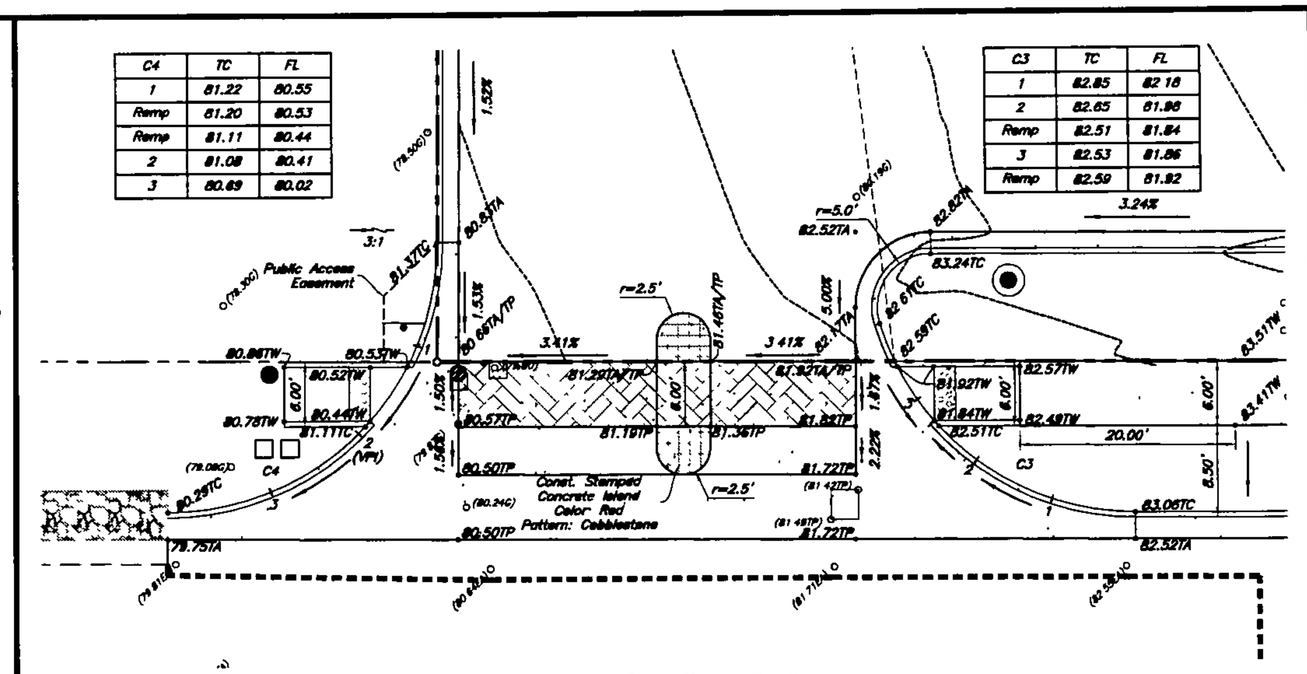
Note
1) Design per ADA guidelines
2) Submit spec's to project construction engineer for evaluation prior to installation

PLAN OF "DOME STAMP" PATTERN IN SURFACE

CURB RAMPS MUST HAVE A DETECTABLE WARNING FEATURE. THE DETECTABLE SURFACE MUST CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER-TO CENTER SPACING OF NOMINAL 2.35 INCHES THE TEXTURE OF THE DETECTABLE WARNING FEATURE MUST CONTRAST WITH THE SURROUNDING SURFACES (EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT) SEE ABOVE

Truncated Dome Detail

5 — Not to Scale

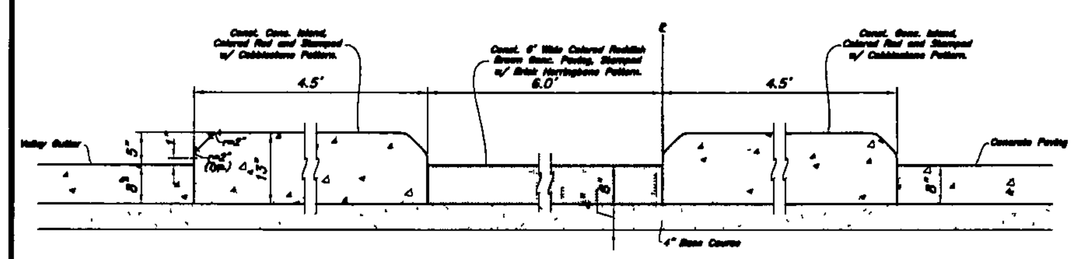


C4	TC	FL
1	81.22	80.55
Ramp	81.20	80.53
Ramp	81.11	80.44
2	81.08	80.41
3	80.69	80.02

C3	TC	FL
1	82.85	82.18
2	82.65	81.98
Ramp	82.51	81.84
3	82.53	81.86
Ramp	82.59	81.92

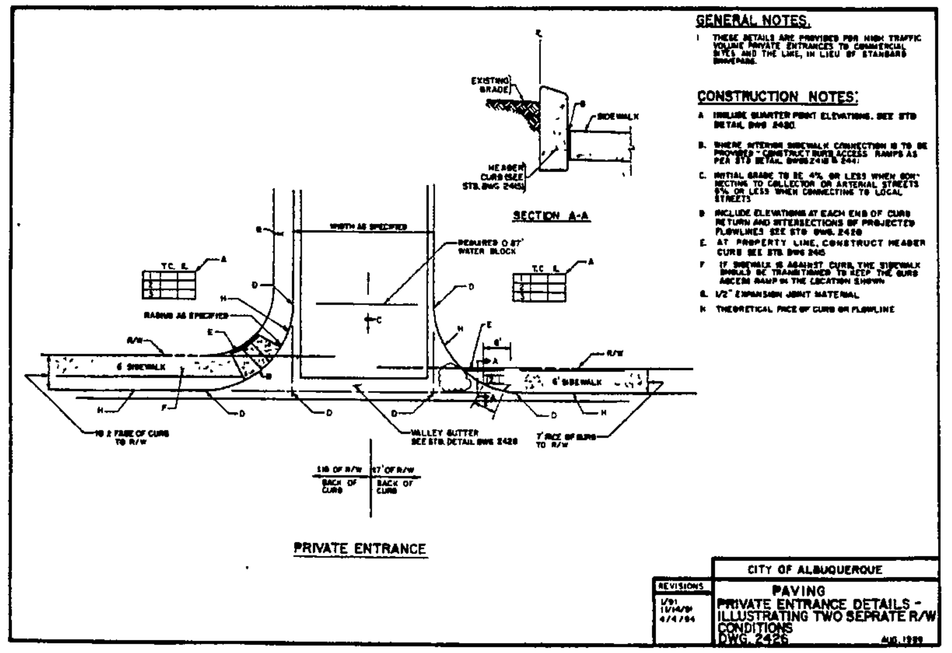
Grading Detail Holly Avenue NE West Driveway

2 — Scale : 1" = 10'



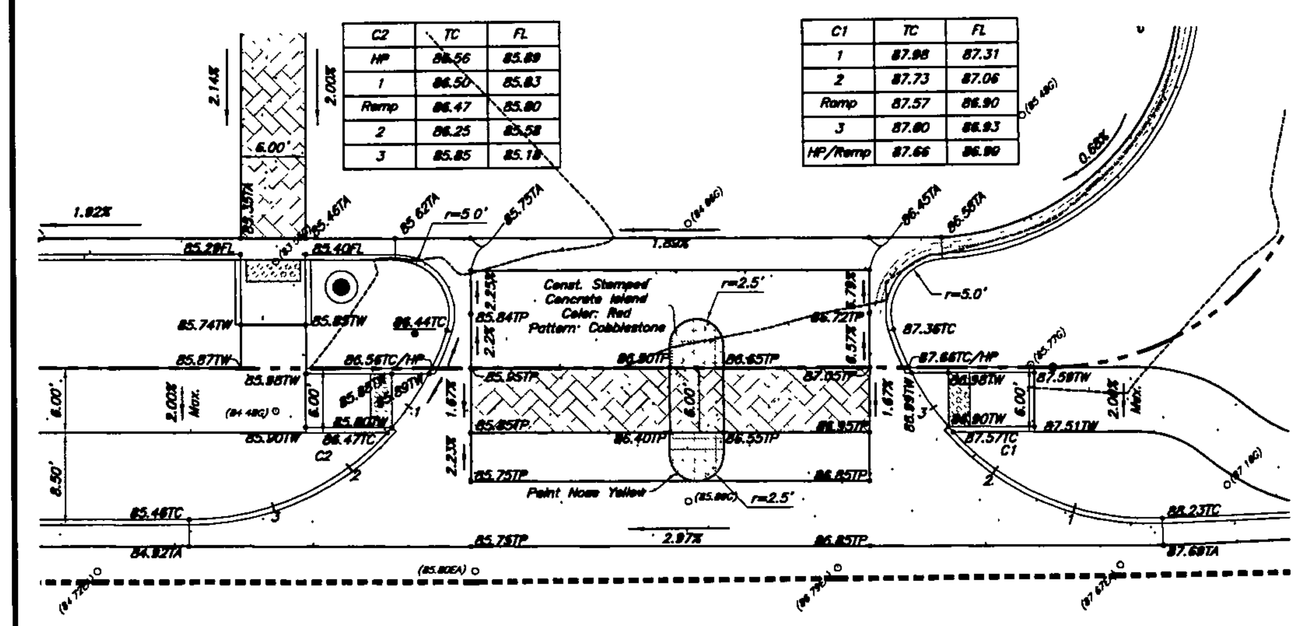
Driveway Section

7 — Not to Scale



Driveway Entrance Per COA DWG. 2426 (Modified)

4 — Not to Scale

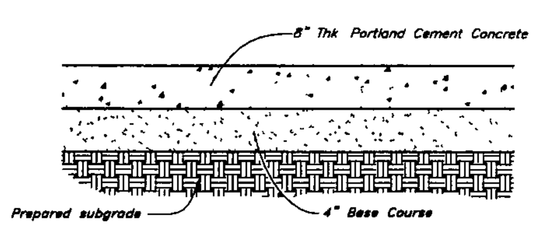


C2	TC	FL
HP	86.56	85.89
1	86.50	85.83
Ramp	86.47	85.80
2	86.25	85.58
3	85.85	85.18

C1	TC	FL
1	87.96	87.31
2	87.73	87.06
Ramp	87.57	86.90
3	87.60	86.93
HP/Ramp	87.66	86.99

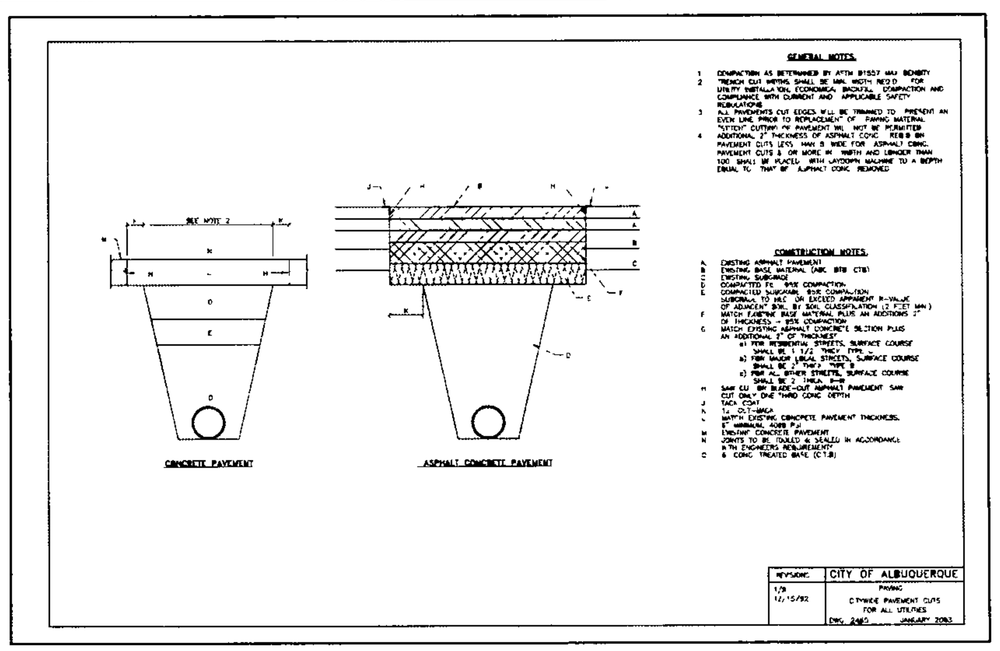
Grading Detail Holly Avenue NE East Driveway

1 — Scale : 1" = 10'



Concrete Paving Section

5 — Not to Scale



Paving Section - Major Local Per COA Dwg. 2465

3 — Not to Scale

New Mexico One Call, Inc.
Professional Resources for Damage Prevention
1-800-321-ALERT

GREAT BASIN ENGINEERING - SOUTH
CONSULTING ENGINEERS and LAND SURVEYORS
2010 North Redwood Road, P.O. Box 16747
Salt Lake City, Utah 84116

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400

#459
Albuquerque, New Mexico

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
Albuquerque Control Station Monument "d-116"
New Mexico State Plane Coordinate System, Central Zone (NAD 83) as published:
N= N/A
E= N/A
Delta Alpha= N/A
Ground to grid factor= N/A
Elevation= 5,168.335 (NAVD 1988)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
RENE MARTINEZ
NEW MEXICO
12972
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY	SY
		REVISIONS		

DESIGNED BY: KR — DESIGN — DATE:
DRAWN BY: AM — DATE:
CHECKED BY: — DATE: 24 Sep. 2010

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **Details**
SMITH'S FUEL CENTER #459
7525 Holly Avenue NE

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 796482 | ZONE MAP NO. C-19-Z | SHEET NO. 5 of 6

SMC459GAS-DRC-DT

CITY OF ALBUQUERQUE

August 16, 2010

Bret G. Wahlen, P.E.
Great Basin Engineering-South
2010 North Redwood Rd
Salt Lake City, UT 84116

Re: Smith's Fuel Center #459, 7525 Holly Ave NE, Preliminary Grading Plan Engineer's Stamp dated 5-26-10 (C19/D054)

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 8-10-10, the above referenced plan is approved for Site Plan action by the DRB with the following comment:

- The north lot is required to drain out to Holly Ave. It appears the 79.35TA point in the northwest corner is too high. This can be addressed with the Building Permit submittal.

If you have any questions, you can contact me at 924-3695.

Sincerely,

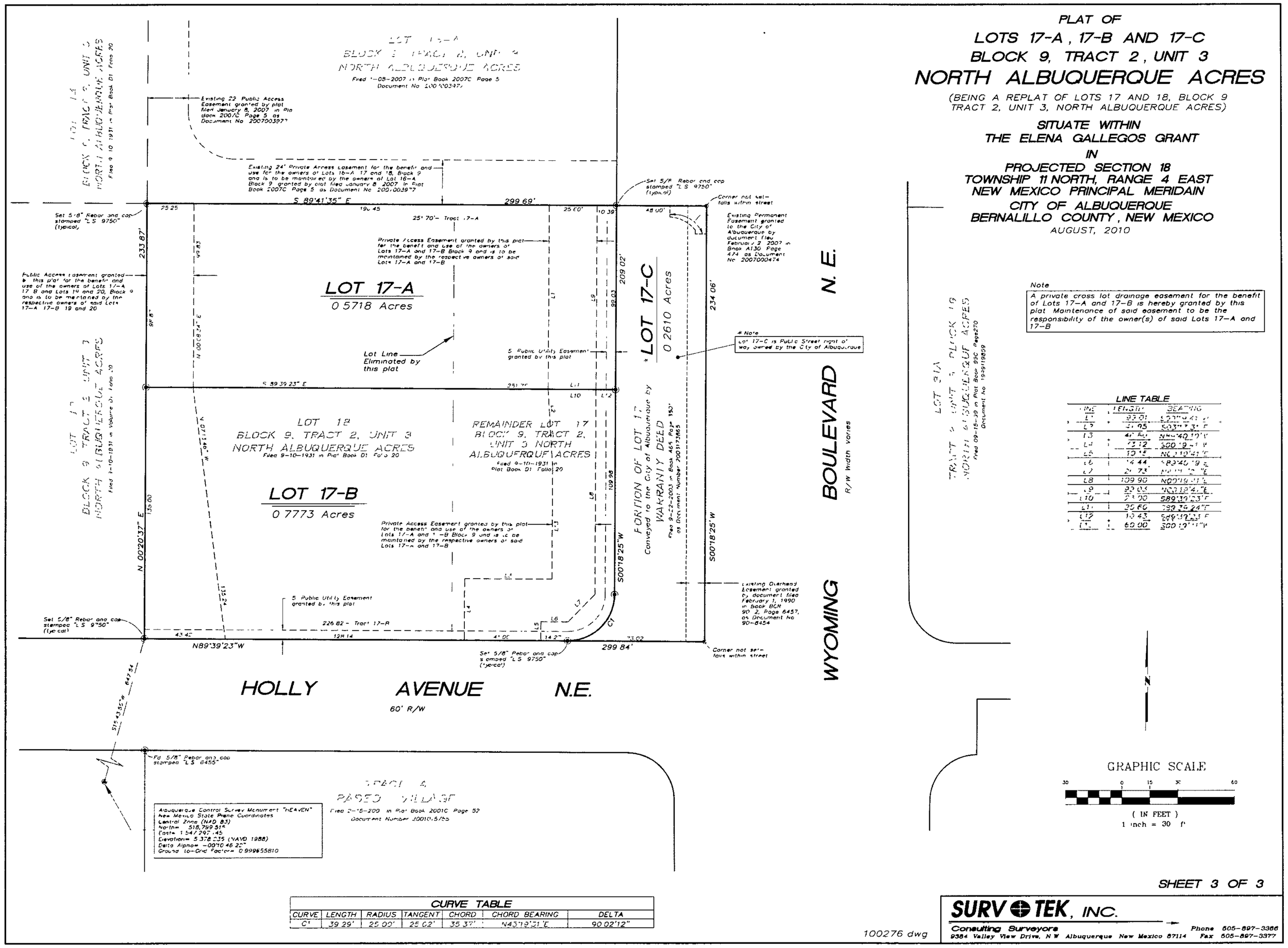
Curtis A. Cherne

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

PO Box 1293
Albuquerque
NM 87103
www.cabq.gov

C: file
Brad Bingham

RECEIVED
SEP 29 2010
HYDROLOGY SECTION



PLAT OF

LOTS 17-A, 17-B AND 17-C

BLOCK 9, TRACT 2, UNIT 3

NORTH ALBUQUERQUE ACRES

(BEING A REPLAT OF LOTS 17 AND 18, BLOCK 9 TRACT 2, UNIT 3, NORTH ALBUQUERQUE ACRES)

SITUATE WITHIN
THE ELENA GALLEGOS GRANT
IN
PROJECTED SECTION 18
TOWNSHIP 11 NORTH, RANGE 4 EAST
NEW MEXICO PRINCIPAL MERIDAIN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
AUGUST, 2010

Note
A private cross lot drainage easement for the benefit of Lots 17-A and 17-B is hereby granted by this plat. Maintenance of said easement to be the responsibility of the owner(s) of said Lots 17-A and 17-B

LINE TABLE

NUMBER	BEARING	DISTANCE
L1	S33°01'41"E	33.01
L2	S1°05'03"E	51.95
L3	N44°40'19"W	41.80
L4	S00°19'41"W	13.12
L5	N89°39'41"W	10.15
L6	N89°39'41"W	14.44
L7	N00°19'41"W	21.73
L8	N00°19'41"W	109.90
L9	N00°19'41"W	33.05
L10	S89°39'23"E	21.90
L11	S89°39'23"E	35.60
L12	S89°39'23"E	10.43
L13	S00°19'41"W	60.00

CURVE TABLE

CURVE	LENGTH	RADIUS	TANGENT	CHORD	CHORD BEARING	DELTA
C1	39.29'	25.00'	25.02'	35.37'	N45°19'21"E	90°02'12"

SHEET 3 OF 3

100276 dwg

SURVTEK, INC.
Consulting Surveyors
9384 Valley View Drive, N.W. Albuquerque New Mexico 87114 Phone 505-897-3366 Fax 505-897-3377

P:\Robbie\100275\dwg\100276_8-12-10.dwg, 9/8/2010 7:01:29 AM

Scale : 1" = 20' Hor.
1" = 4' Ver.
20 0 20 40

AS BUILT INFORMATION
CONTRACTOR - DATE
WORK SUBSTANTIALLY ACCEPTABLE BY - DATE
ENGINEER'S ACCEPTANCE BY - DATE
FIELD VERIFICATION BY - DATE
DRAWINGS CORRECTED BY - DATE

BENCH MARKS
Albuquerque Control Station Monument "8-J16"
New Mexico State Plane Coordinate System,
Central Zone (NAD 83) as published:
N= N/A
E= N/A
Delta Alpha= N/A
Ground to grid factor= N/A
Elevation= 5,168.335 (NAVD 1988)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY: KR DATE:
DRAWN BY: AM DATE:
CHECKED BY: 24 Sep, 2010

New Mexico One Call, Inc.
NMOC
Professional Resources for Damage Prevention
1-800-321-ALERT

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)521-8291

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **Subdivision Plat**
SMITH'S FUEL CENTER #459
7525 and Holly Avenue NE

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL
For Information Only

LAST DESIGN UPDATE | MO./DAY/YR | MO./DAY/YR.

CITY PROJECT NO. 796482
ZONE MAP NO. C-19-Z
SHEET NO. 6 of 6
SMC459GAS-DRC-Plat

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400

#459
Albuquerque, New Mexico

CITY OF ALBUQUERQUE

August 16, 2010

Bret G. Wahlen, P.E.
Great Basin Engineering-South
2010 North Redwood Rd
Salt Lake City, UT 84116

Re: Smith's Fuel Center #459, 7525 Holly Ave NE, Preliminary Grading Plan Engineer's Stamp dated 5-26-10 (C19/D054)

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 8-10-10, the above referenced plan is approved for Site Plan action by the DRB with the following comment:

- The north lot is required to drain out to Holly Ave. It appears the 79.35TA point in the northwest corner is too high. This can be addressed with the Building Permit submittal.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: file
Brad Bingham

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

City Of Albuquerque
Treasury Division

9/29/2010 9:25AM LOC: ANNX
WS# 008 TRANS# 0003
RECEIPT# 00122816-00122816
PERMIT# 2010060077 TRSDMG
Trans Amt $50.00
REV Actions $50.00
CK $50.00
CHANGE $0.00

Thank You

City of Albuquerque Planning Department

One Stop Shop – Development and Building Services

09/29/2010 Issued By: E08375 88958

Permit Number: **2010 060 077** **Category Code 970**

Application Number: 10REV-60077, Review:Drain Plan-Lomr-Traffic Impact

Address:

Location Description: SMITHS #459 FUEL CENTER; C-19

Project Number: null

Applicant
SMITHS FOOD AND DRUG

1550 SOUTH REDWOOD ROAD
SALT LAKE CITY UT 84104
801-974-8529

Agent / Contact
Great Bason Eng South

2010 No Redwood Rd
Salt Lake City UT 84116
801-521-8529

Application Fees

441008/4983000	REV Actions	$50.00
	TOTAL:	**$50.00**

City Of Albuquerque
Treasury Division

9/29/2010 9:25AM LOC: ANNX
WS# 008 TRANS# 0003
RECEIPT# 00122816-00122816
PERMIT# 2010060077 TRSDMG
Trans Amt $50.00
REV Actions $50.00
CK $50.00
CHANGE $0.00

Thank You

GREAT BASIN ENGINEERING - South

2010 North Redwood Road • P.O. Box 16747 • Salt Lake City, Utah 84116
(801) 521-8529 • (801) 394-7288 • Fax (801) 521-9551

CONSULTING ENGINEERS
AND LAND SURVEYORS

City of Albuquerque
Planning Department
Development and Building Services
600 2nd St. NW, Room 201
Albuquerque, New Mexico 87103

October 25, 2010

RE: Smith's #459 Fuel Center, 7525 Holly Ave. (C19/D054)

Attn: Curtis A. Cherne, P.E.

The following is our response to your comment letter dated October 4, 2010. Plans have been modified or information provided as follows:

- *This plan proposes grading West of the site. Approval from that property owner is required.*

  Attached is a copy of the Access and Development Agreement between Smith's Food & Drug Centers, Inc. and V-Mod, LLC which grants Smith's approval to perform grading work on V-Mod property which borders the site to the North and West.

- *Provide proposed contours.*

  Finish contours have been shown on the attached grading plan.

- *A higher water block should be proposed at the drive entrances off Holly Avenue. A water block of 0.33 ft from the South edge of the new sidewalk to the flow line elevation would work.*

  The attached calculations for the drainage area contributing water to Holly Avenue indicate that 2.13 cfs will be generated in a 100 year storm. Assuming a normal valley gutter section this will generate a flow that is 0.17 ft (2 inches) deep. However it should be noted that Holly Avenue does not appear to have a crown and all water will flow to the Southerly side of the road which means when the water reaches 0.15 ft deep it will spill across Holly Avenue. The sidewalk is proposed at a grade approximately 1" above this high water mark and therefore will not be flooded during a large event. We would request that we be allowed to keep the water block as designed as any change in this elevation has a direct impact on critical grades and design of the entire site. JL

- *Provide spot elevations at the South corners of the cut-out in the landscaping near Holly Ave.*

  Spot elevation have been provided as requested. This concrete slab will drain to the gutter.

- *The drain lines through the curb will be built by Work Order.*

  The drain line has been added to the work order plans as requested.

CITY OF ALBUQUERQUE

October 4, 2010

Bret G. Wahlen, P.E.
Great Basin Engineering-South
2010 North Redwood Rd
Salt Lake City, UT 84116

Re: Smith's Fuel Center #459, 7525 Holly Ave NE, Grading and Utility Plan Engineer's Stamp dated 9-22-10 (C19/D054)

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 9-29-10, the above referenced plans cannot be approved for Building Permit until the following comments area addressed:

- This plan proposes grading west of this site. Approval from that property owner is required.
- Provide proposed contours.
- A higher water block should be proposed at the drive entrances off Holly Ave. A water block of 0.33 ft from the south edge of the new sidewalk to the flow line elevation would work.
- Provide spot elevations at the south corners of the cut-out in the landscaping near Holly Ave.
- The drain lines through the curb will be built by Work Order.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

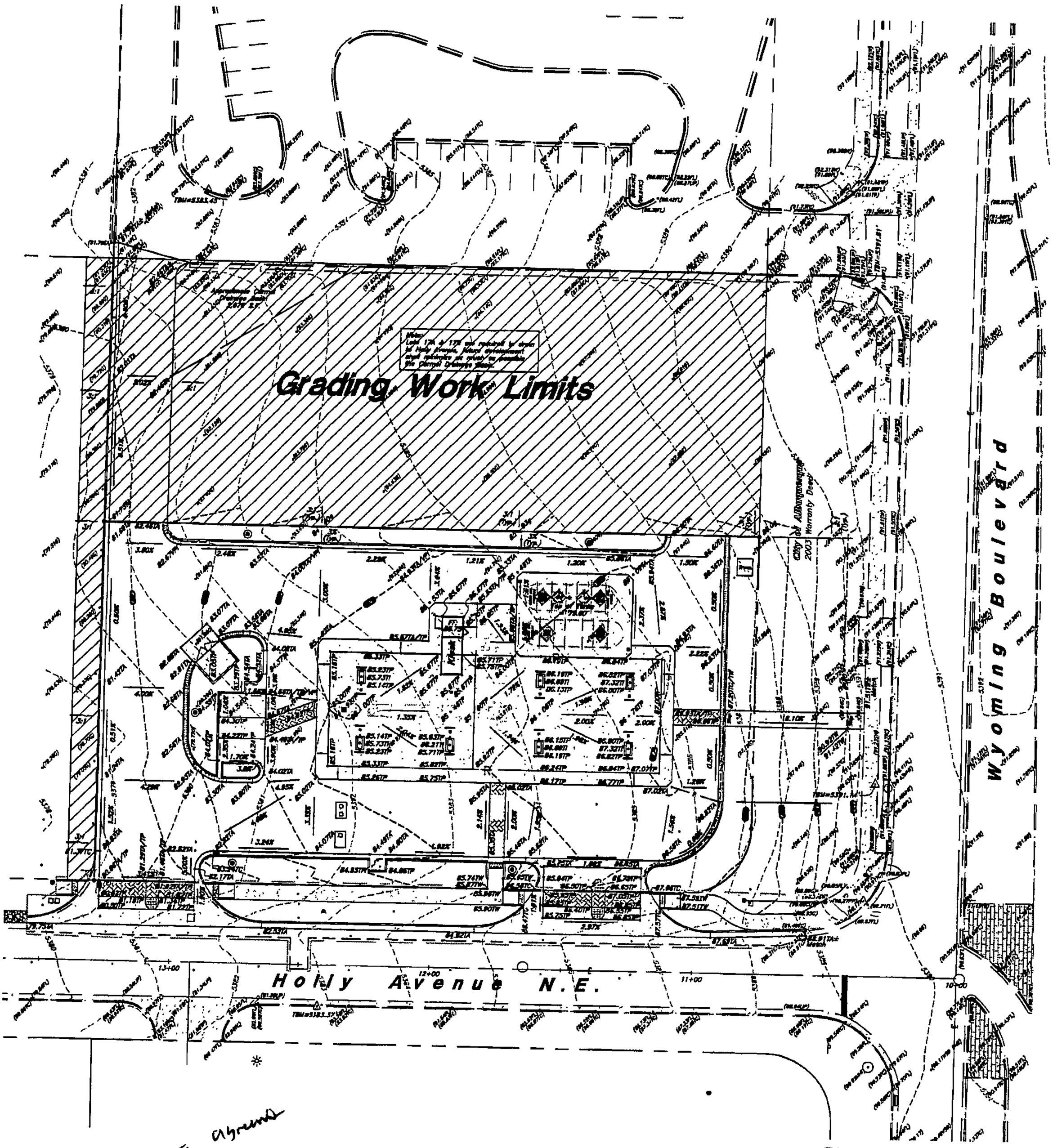
C: file

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



Developer agreement

'Exhibit C'

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400

#459
Albuquerque, New Mexico

SMC 459 - Holly Ave (North Side Only)

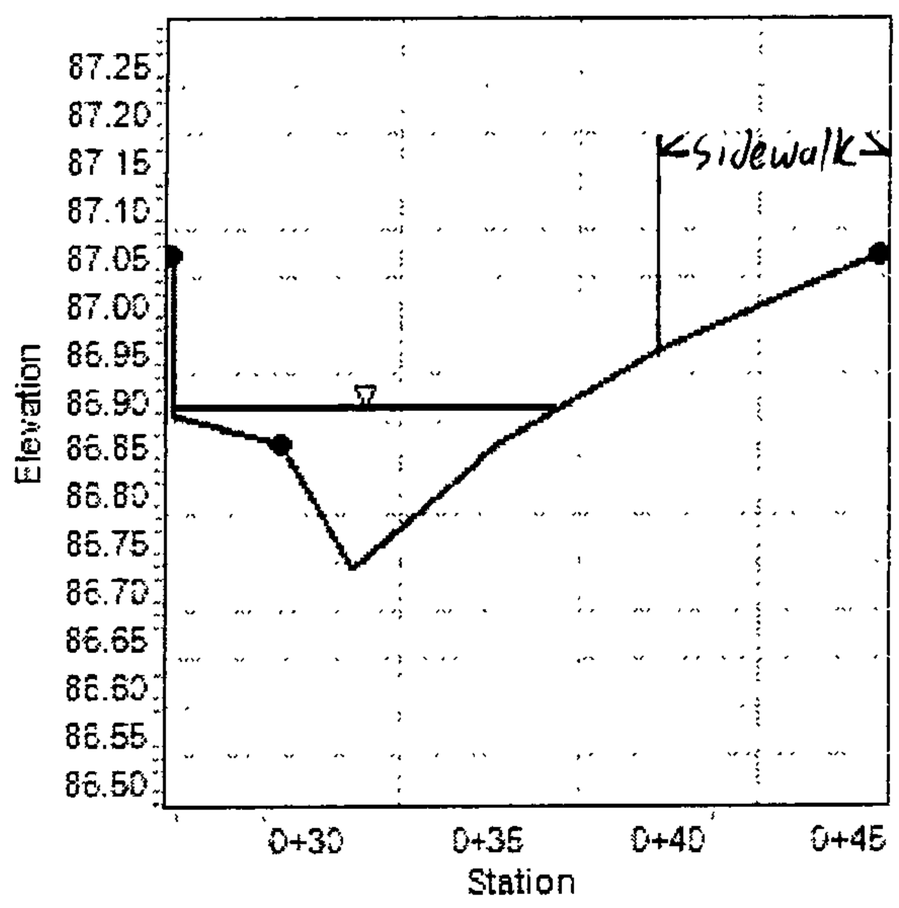
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	0.02970	ft/ft
Normal Depth	0.17	ft
Discharge	2.13	ft^3/s

Cross Section Image



Smc459 - Holly Ave Capacity

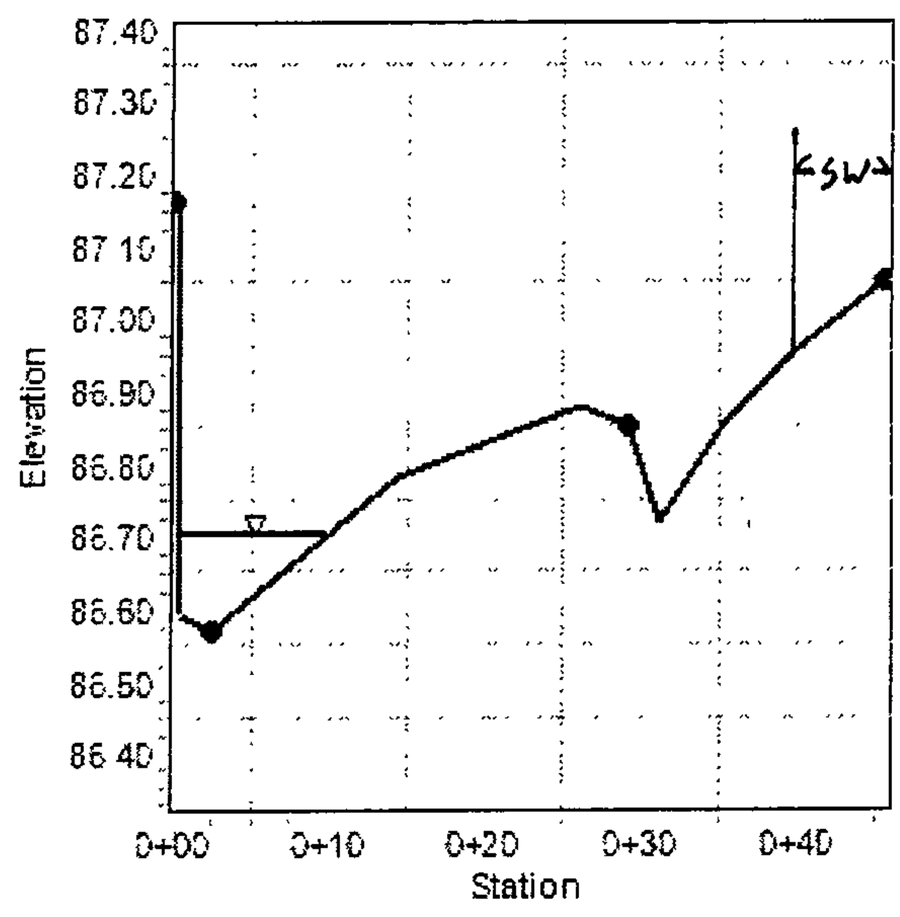
Project Description

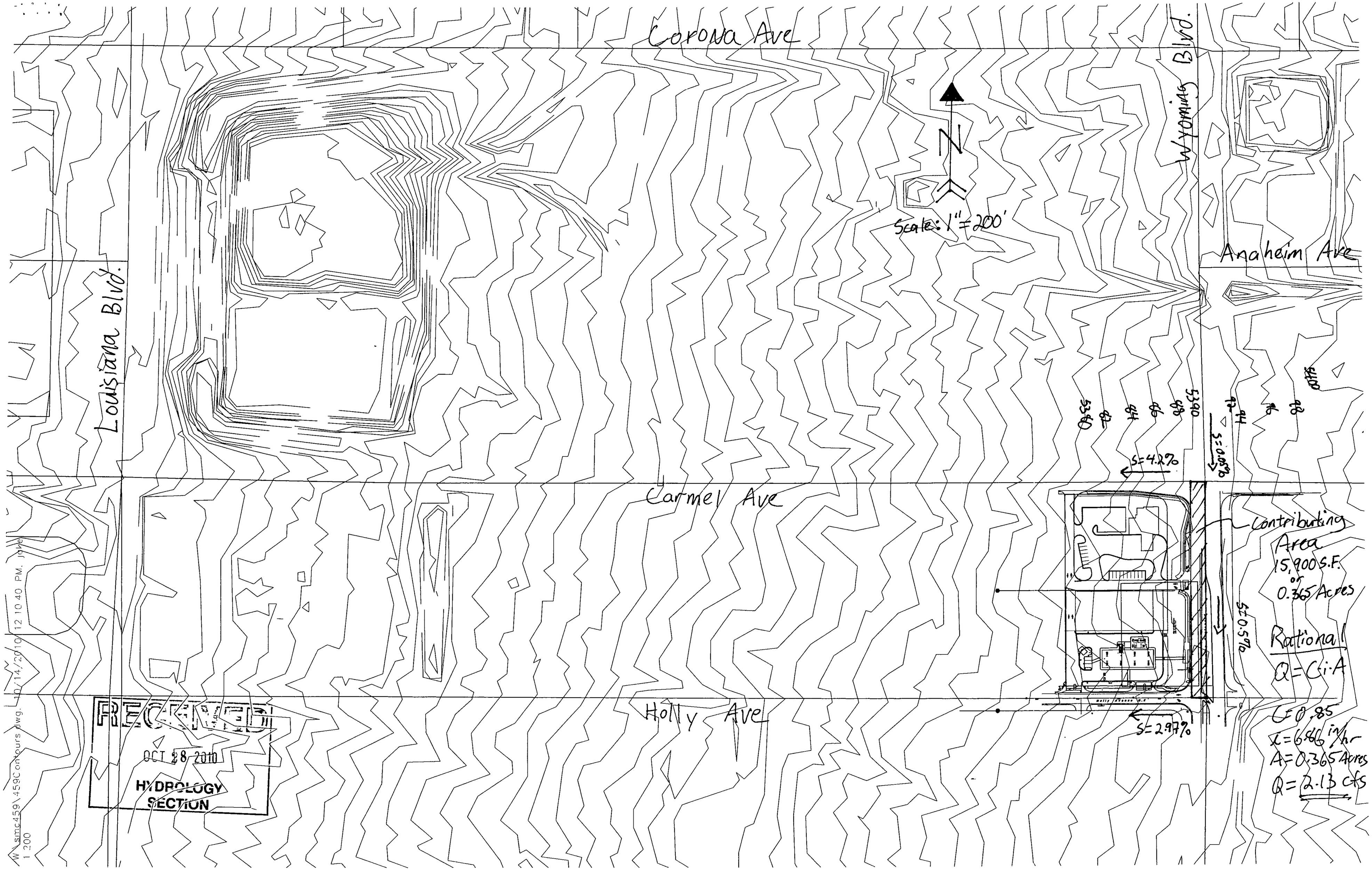
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	0.02970	ft/ft
Normal Depth	0.13	ft
Discharge	2.13	ft^3/s

Cross Section Image





W:\smc459\459Contours.dwg, 10/14/2010 12:10:40 PM, jpye
1:200

POINT PRECIPITATION FREQUENCY ESTIMATES FROM NOAA ATLAS 14

New Mexico 35.1761 N 106.5603 W 5406 feet

from "Precipitation-Frequency Atlas of the United States" NOAA Atlas 14, Volume 1, Version 4
G.M Bonnin, D. Martin, B Lin, T Parzybok, M Yekta, and D Riley
NOAA, National Weather Service, Silver Spring, Maryland, 2006

Extracted Thu Sep 16 2010

Confidence Limits Seasonality Related Info GIS data Maps Docs Return to State Map

Precipitation Intensity Estimates (in/hr)

AEP* (1-in-Y)	5 min	10 min	15 min	30 min	60 min	120 min	3 hr	6 hr	12 hr	24 hr	48 hr	4 day	7 day	10 day	20 day	30 day	45 day	60 day
2	2.40	1.83	1.51	1.02	0.63	0.38	0.27	0.16	0.09	0.05	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00
5	3.50	2.66	2.20	1.48	0.92	0.54	0.38	0.22	0.12	0.07	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.00
10	4.25	3.23	2.67	1.80	1.11	0.66	0.46	0.26	0.14	0.08	0.04	0.02	0.02	0.01	0.01	0.01	0.00	0.00
25	5.26	4.00	3.31	2.23	1.38	0.81	0.56	0.32	0.17	0.09	0.05	0.03	0.02	0.01	0.01	0.01	0.01	0.00
50	6.05	4.60	3.80	2.56	1.58	0.94	0.65	0.36	0.19	0.10	0.06	0.03	0.02	0.02	0.01	0.01	0.01	0.01
100	6.86	5.22	4.31	2.90	1.80	1.07	0.73	0.40	0.21	0.12	0.06	0.04	0.02	0.02	0.01	0.01	0.01	0.01
200	7.72	5.87	4.85	3.27	2.02	1.20	0.83	0.45	0.24	0.13	0.07	0.04	0.02	0.02	0.01	0.01	0.01	0.01
500	8.88	6.76	5.59	3.76	2.33	1.39	0.96	0.51	0.27	0.14	0.08	0.04	0.03	0.02	0.01	0.01	0.01	0.01
1000	9.81	7.47	6.18	4.16	2.57	1.55	1.06	0.57	0.29	0.16	0.08	0.05	0.03	0.02	0.01	0.01	0.01	0.01

Intensity used

* These precipitation frequency estimates are based on an annual maxima series. AEP is the Annual Exceedance Probability.
Please refer to NOAA Atlas 14 Document for more information. NOTE: Formatting forces estimates near zero to appear as zero

*** Upper bound of the 90% confidence interval Precipitation Intensity Estimates (in/hr)**

AEP** (1-in-Y)	5 min	10 min	15 min	30 min	60 min	120 min	3 hr	6 hr	12 hr	24 hr	48 hr	4 day	7 day	10 day	20 day	30 day	45 day	60 day
2	2.86	2.17	1.80	1.21	0.75	0.47	0.33	0.19	0.10	0.06	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00
5	4.15	3.17	2.62	1.76	1.09	0.68	0.47	0.27	0.14	0.08	0.04	0.02	0.01	0.01	0.01	0.01	0.00	0.00
10	5.05	3.84	3.17	2.14	1.32	0.82	0.56	0.32	0.17	0.09	0.05	0.03	0.02	0.01	0.01	0.01	0.01	0.00
25	6.24	4.75	3.92	2.64	1.63	1.01	0.69	0.39	0.20	0.11	0.06	0.03	0.02	0.02	0.01	0.01	0.01	0.01
50	7.16	5.45	4.51	3.03	1.88	1.16	0.80	0.44	0.22	0.12	0.06	0.03	0.02	0.02	0.01	0.01	0.01	0.01
100	8.12	6.18	5.11	3.44	2.13	1.32	0.90	0.49	0.25	0.14	0.07	0.04	0.02	0.02	0.01	0.01	0.01	0.01
200	9.12	6.94	5.74	3.86	2.39	1.48	1.02	0.55	0.28	0.15	0.08	0.04	0.03	0.02	0.01	0.01	0.01	0.01
500	10.51	8.00	6.61	4.45	2.75	1.72	1.17	0.63	0.31	0.17	0.09	0.05	0.03	0.02	0.01	0.01	0.01	0.01
1000	11.61	8.83	7.29	4.91	3.04	1.91	1.30	0.69	0.34	0.18	0.10	0.05	0.03	0.02	0.01	0.01	0.01	0.01

* The **upper** bound of the confidence interval at 90% confidence level is the value which 5% of the simulated quantile values for a given frequency are **greater** than
** These precipitation frequency estimates are based on an annual maxima series. AEP is the Annual Exceedance Probability

Please refer to NOAA Atlas 14 Document for more information. NOTE: Formatting prevents estimates near zero to appear as zero

*** Lower bound of the 90% confidence interval Precipitation Intensity Estimates (in/hr)**

AEP** (1-in-Y)	5 min	10 min	15 min	30 min	60 min	120 min	3 hr	6 hr	12 hr	24 hr	48 hr	4 day	7 day	10 day	20 day	30 day	45 day	60 day
2	2.02	1.54	1.27	0.85	0.53	0.31	0.22	0.13	0.07	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00
5	2.94	2.23	1.85	1.24	0.77	0.44	0.31	0.18	0.10	0.06	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00
10	3.55	2.71	2.24	1.51	0.93	0.54	0.37	0.22	0.12	0.07	0.04	0.02	0.01	0.01	0.01	0.01	0.00	0.00
25	4.38	3.33	2.75	1.85	1.15	0.66	0.46	0.26	0.14	0.08	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.00
50	5.01	3.81	3.15	2.12	1.31	0.75	0.52	0.29	0.16	0.09	0.05	0.03	0.02	0.01	0.01	0.01	0.01	0.00

CITY OF ALBUQUERQUE

October 4, 2010

Bret G. Wahlen, P.E.
Great Basin Engineering-South
2010 North Redwood Rd
Salt Lake City, UT 84116

Re: Smith's Fuel Center #459, 7525 Holly Ave NE, Grading and Utility Plan Engineer's Stamp dated 9-22-10 (C19/D054)

Dear Mr. Wahlen,

Based upon the information provided in your submittal received 9-29-10, the above referenced plans cannot be approved for Building Permit until the following comments area addressed:

- This plan proposes grading west of this site. Approval from that property owner is required.
- Provide proposed contours.
- A higher water block should be proposed at the drive entrances off Holly Ave. A water block of 0.33 ft from the south edge of the new sidewalk to the flow line elevation would work.
- Provide spot elevations at the south corners of the cut-out in the landscaping near Holly Ave.
- The drain lines through the curb will be built by Work Order.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne

Curtis A. Cherne, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: file

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov