#11.5

Federal Emergency Management Agency

Washington, D.C. 20472

MAYOR'S OFFICE

NOV 20 2003

03 NOV 32 AM 8:18

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Martin Chavez
Mayor, City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

IN REPLY REFER TO:

Case Number: **04-06-247P**
Community Name: City of Albuquerque, Bernalillo County, New Mexico
Community Number: 350002
Effective Date of this Revision: NOV 20 2003

Dear Mayor Chavez:

The Flood Insurance Rate Map (FIRM) for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed that provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer (CCO) for your community. If you have any technical questions regarding this LOMR, please contact the Director, Federal Insurance and Mitigation Division of the Federal Emergency Management Agency (FEMA) in Denton, Texas, at (940) 898-5165, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our web site at http://www.fema.gov/nfip.

Sincerely,

Kevin C. Long

Kevin C. Long, CFM, Project Engineer
Hazard Identification Section
Mitigation Division
Emergency Preparedness
and Response Directorate

For: Doug Bellomo, P.E., Acting Chief
Hazard Identification Section
Mitigation Division
Emergency Preparedness
and Response Directorate

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
List of Current Flood Insurance Study Data

cc: Carlos A. Montoya, Floodplain Administrator, City of Albuquerque
Craig W. Hoover, P.E., Bohannan-Huston, Inc.
Community Map Repository

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO	FILL STORM SEWER SYSTEM	REISSUANCE
	COMMUNITY NO.: 350002		
IDENTIFIER	REISSUANCE OF LOMR CASE 03-06-412P, DATED AUGUST 4, 2003	APPROXIMATE LATITUDE & LONGITUDE: 35.084, -106.651 SOURCE: USGS QUADRANGLE DATUM: NAD 27	
FLOODING SOURCES & REVISED REACHES	AN UNNAMED TRIBUTARY TO ARROYO DE DOMINGO BACA, REFERRED TO AS NORTH TRIBUTARY– from just downstream of Pan American Freeway to approximately 500 feet downstream of Pan American Freeway. AN UNNAMED TRIBUTARY TO ARROYO DE DOMINGO BACA, REFERRED TO AS SOUTH TRIBUTARY– from just downstream of Pan American Freeway to approximately 1,000 feet downstream of Pan American Freeway.		

SUMMARY OF REVISIONS

Effective Flooding: Zone A
Revised Flooding: X (Unshaded)
Increases: NONE
Decreases: YES

* BFEs – Base Flood Elevations

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
TYPE: FIRM* NO: 35001C0137 F Date: November 19, 2003	NO REVISION TO THE FLOOD INSURANCE STUDY

* FIRM - Flood Insurance Rate Map

DETERMINATION

This document provides the determination from the Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the FEMA MCC Services, 12101 Indian Creek Court, Beltsville, MD 20705. Additional Information about the NFIP is available on our web site at http://www.fema.gov/nfip.

Kevin C. Long

Kevin C. Long, CFM
Hazard Identification Section
Mitigation Division
Emergency Preparedness
and Response Directorate

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the modified storm sewer system rests with your community. We may request that your community submit a description and schedule of storm sewer system activities.

This revision has met our criteria for removing an area from the 1% annual chance floodplain to reflect the placement of fill. [illegible] community must ensure that any structures placed within the subject area be constructed such that they are "reasonably safe from flooding." "Reasonably safe from flooding" means base flood waters will not inundate the land or damage structures to be removed from the SFHA and that any subsurface waters related to the base flood will not damage existing or proposed buildings. The community and engineers should review and use *FEMA Technical Bulletin 10-01, Ensuring That Structures Built on Fill In or Near Special Flood Hazard Areas Are Reasonably Safe From Flooding*, which may be downloaded directly from the Federal Emergency Management Agency (FEMA) website at http://www.fema.gov/pdf/fima/tb1001.pdf.

COMMUNITY REMINDERS

We based this determination on the 1% annual chance discharges computed in the submitted hydrologic model for LOMR Case 03-06-412P, dated August 4, 2003. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State law have been obtained. State or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the FEMA MCC Services, 12101 Indian Creek Court, Beltsville, MD 20705. Additional Information about the NFIP is available on our web site at http://www.fema.gov/nfip.

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Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

We have enclosed a document, titled *List of Current Flood Insurance Study Data*, which includes this letter, to help your community maintain all information for floodplain management and flood insurance. If any of the items in that document are not filed in your community's map repository, please contact the FEMA Map Assistance Center at the number listed below for information on how to obtain those items.

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Frank Pagano
Director, Federal Insurance and Mitigation Division
Federal Emergency Management Agency, Region VI
Federal Regional Center, Room 206
800 North Loop 288
Denton, Texas 76209-3698
(940) 898-5127

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the FEMA MCC Services, 12101 Indian Creek Court, Beltsville, MD 20705. Additional Information about the NFIP is available on our web site at http://www.fema.gov/nfip.

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Hazard Identification Section
Mitigation Division
Emergency Preparedness
and Response Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

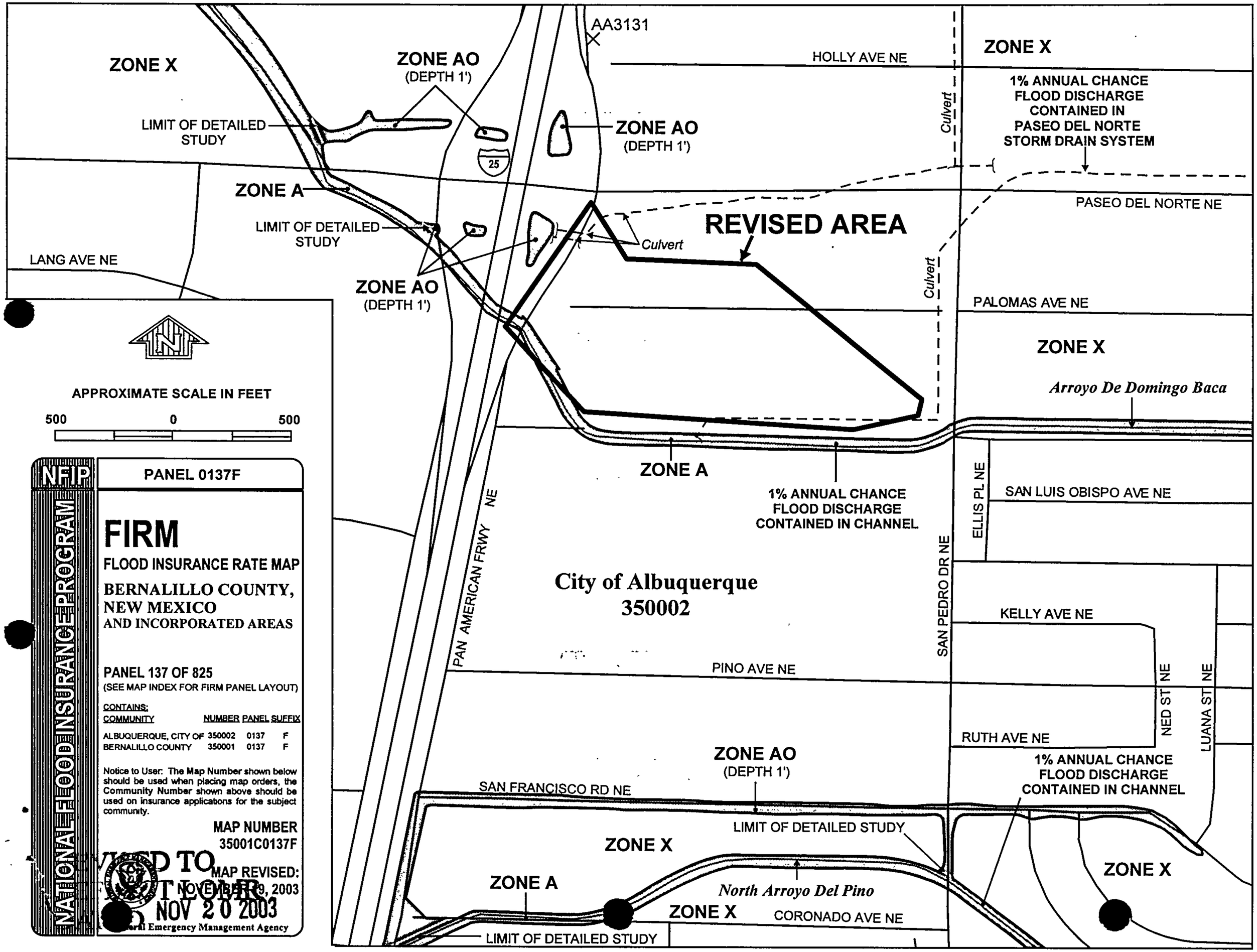
PUBLIC NOTIFICATION OF REVISION

This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the FEMA MCC Services, 12101 Indian Creek Court, Beltsville, MD 20705. Additional Information about the NFIP is available on our web site at http://www.fema.gov/nfip.

Kevin C. Long

Kevin C. Long, CFM
Hazard Identification Section
Mitigation Division
Emergency Preparedness
and Response Directorate


AA3131
ZONE X
ZONE AO
(DEPTH 1')
HOLLY AVE NE
ZONE X
1% ANNUAL CHANCE
FLOOD DISCHARGE
CONTAINED IN
PASEO DEL NORTE
STORM DRAIN SYSTEM
Culvert
LIMIT OF DETAILED
STUDY
ZONE AO
(DEPTH 1')
25
ZONE A
PASEO DEL NORTE NE
LIMIT OF DETAILED
STUDY
REVISED AREA
Culvert
LANG AVE NE
ZONE AO
(DEPTH 1')
Culvert
PALOMAS AVE NE
ZONE X
APPROXIMATE SCALE IN FEET
500
0
500
Arroyo De Domingo Baca
ZONE A
1% ANNUAL CHANCE
FLOOD DISCHARGE
CONTAINED IN CHANNEL
ELLIS PL NE
SAN LUIS OBISPO AVE NE
PAN AMERICAN FRWY NE
City of Albuquerque
350002
SAN PEDRO DR NE
KELLY AVE NE
PINO AVE NE
NED ST NE
LUANA ST NE
RUTH AVE NE
ZONE AO
(DEPTH 1')
1% ANNUAL CHANCE
FLOOD DISCHARGE
CONTAINED IN CHANNEL
SAN FRANCISCO RD NE
LIMIT OF DETAILED STUDY
ZONE X
ZONE X
ZONE A
North Arroyo Del Pino
ZONE X
CORONADO AVE NE
LIMIT OF DETAILED STUDY
NFIP
NATIONAL FLOOD INSURANCE PROGRAM
PANEL 0137F
FIRM
FLOOD INSURANCE RATE MAP
BERNALILLO COUNTY,
NEW MEXICO
AND INCORPORATED AREAS
PANEL 137 OF 825
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
ALBUQUERQUE, CITY OF 350002 0137 F
BERNALILLO COUNTY 350001 0137 F
Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.
MAP NUMBER
35001C0137F
MAP REVISED:
NOVEMBER 19, 2003
NOV 20 2003
Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM
FEMA MAP COORDINATION CONTRACTOR

DEC 27 2002

Craig W. Hoover, P.E.
Bohannan-Huston Inc.
Courtyard I
7500 Jefferson Street NE
Albuquerque, NM 87109

IN REPLY REFER TO:
Case No.: 03-06-412P
Community: City of Albuquerque, New Mexico
Community No.: 350002

316-ACK.FRQ

Dear Mr. Hoover:

This responds to a request, dated December 4, 2002, from Mr. Carlos A. Montoya, Floodplain Administrator for the City of Albuquerque, that the Federal Emergency Management Agency (FEMA) issue a revision to the Flood Insurance Rate Map (FIRM) for the above-referenced community. Pertinent information about the request is listed below.

Identifier:	Domingo Baca Tributaries CLOMR
Flooding Source:	Tributaries to Arroyo de Domingo Baca
FIRM Panel Affected:	Bernalillo County, New Mexico and Incorporated Areas FIRM Number 35001C0137 E, dated April 2, 2002

Effective September 1, 2002, FEMA revised the fee schedule for reviewing and processing requests for conditional and final modifications to published flood information and maps. A copy of the notice summarizing the current fee schedule, which was published in the *Federal Register*, is enclosed for your information. In accordance with this schedule, the fee for your request is $3,800. With your request, you submitted two checks totaling $3,800 to defray the cost of FEMA's review. Because one check, for $2,300, was dated more than 3 months ago, it cannot be deposited in our account. Therefore, we are returning your check under a separate cover and requesting that you prepare a new check or money order in the amount of $2,300, made payable in U.S. funds to the National Flood Insurance Program. For identification purposes, the case number referenced above must be included on the check or money order. We will not perform a detailed technical review of your request until we receive this payment.

Payment must be forwarded to one of the addresses listed below.

Using U.S. Postal Service:
Federal Emergency Management Agency
Fee-Charge System Administrator
P.O. Box 3173
Merrifield, VA 22116-3173

Using overnight service:
Fee-Charge System Administrator
c/o Dewberry & Davis, METS Division
8401 Arlington Boulevard, Stop 19A
Fairfax, VA 22031

We have completed an inventory of the items that you submitted. The items identified below are required before we can begin a detailed review of your request.

1. In compliance with Section 65.6 of the National Flood Insurance Program (NFIP) regulations, the community official responsible for floodplain management must provide in writing a statement that a property or structure, existing or proposed, to be removed from the Special Flood Hazard Area (SFHA) meets minimum floodplain management criteria of Section 60.3 of the NFIP regulations and is reasonably safe from flooding. This statement provides FEMA with assurance that the community has reviewed all development plans and has found them to meet the following requirements:

    a. The lowest floor elevations (including basement) of all residential structures built in the area to be removed from the SFHA are at or above the base flood (Paragraph 60.3(b)).

    b. The area to be removed from the SFHA (including any existing or proposed structures) has been determined to be "reasonably safe from flooding" (Subparagraphs 60.3(a)(3) and 60.3(a)(4), and *Technical Bulletin 10-01*).

    c. All applicable Federal and State permits have been obtained (Subparagraph 60.3(a)(2)).

    d. All applicable local permits have been obtained. This includes a local development permit to grade or place fill in the SFHA, and a permit for all existing or proposed construction (Subparagraph 60.3(b)(1)).

    e. Fill has not been placed in a floodway (Subparagraph 60.3(d)(3)) that causes a rise in flood elevations associated with the base flood discharge.

    To assist communities in determining if a property or structure, existing or proposed, is reasonably safe from flooding, FEMA has published *Technical Bulletin 10-01*. This bulletin outlines safe building practices that, when followed, reduce the risk of flood damage to a property or structure. Community Officials interested in obtaining copies of this bulletin should visit our Internet site at http://www.fema.gov/pdf/fima/tb1001.pdf or by calling the FEMA Map Assistance Center toll free at 1-877-FEMA MAP (1-877-336-2627).

2. Please provide details of the as-built storm drainage system which would contain the 1% annual chance (100-year) flood discharge.

3. Please provide an annotated FIRM at the scale of the effective FIRM showing the location of the as-built storm drainage system as dotted lines.

Please send the required data to us at the address shown at the bottom of the first page. If <u>all</u> required items are not submitted within 90 days of the date of this letter, FEMA will treat any subsequent request as an original submittal, and it will be subject to all submittal/payment procedures as outlined in Paragraph 72.7(a) of the NFIP regulations (44 CFR Parts 59-78).

If you are unable to meet the 90-day deadline for submittal of required items and would like FEMA to continue processing your request, you must request an extension of the deadline. This request must be submitted to us in writing and must provide (1) the reason why the data cannot be submitted within the requested timeframe and (2) a new date for the submittal of the data. FEMA receives a very large volume of requests and cannot maintain inactive requests for an indefinite period of time. Therefore, the fees will be forfeited for any request for which neither the requested data nor a written extension request is received within 90 days.

When you write to us about your request, please include the case number referenced above in your letter. If you have general questions about your case, FEMA policy, or the NFIP, please call FEMA's toll free map assistance line at 1-877-FEMA MAP (1-877-336-2627). If you have specific questions concerning your request, please contact the Engineer assigned to your case, Mr. Rajib De, by phone at 1-800-697-7275 Ext. 391, or by e-mail at rde@pbsj.com.

Sincerely,

Joseph A. Martinenza, Jr.
Program Manager, Region VI

cc: Carlos A. Montoya, Floodplain Administrator, City of Albuquerque

Federal Emergency Management Agency

Washington, D.C. 20472

AUG 04 2003

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Martin Chavez
Mayor, City of Albuquerque
City/County Building 11th Floor
One Civic Plaza NW, P.O. Box 1293
Albuquerque, NM 87103

Follows Conditional Case No.: 99-06-1081R
IN REPLY REFER TO:
Case Number: 03-06-412P
Community Name: City of Albuquerque, Bernalillo County, New Mexico
Community Number: 350002
Effective Date of this Revision: AUG 04 2003

Dear Mayor Chavez:

The Flood Insurance Rate Map (FIRM) for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed that provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer (CCO) for your community. If you have any technical questions regarding this LOMR, please contact the Director, Federal Insurance and Mitigation Division of the Federal Emergency Management Agency (FEMA) in Denton, Texas, at (940) 898-5165, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our web site at http://www.fema.gov/nfip.

Sincerely,

William R. Blanton Jr., CFM
Project Officer
Hazard Study Branch
Emergency Preparedness and Response Directorate

For: Doug Bellomo, P.E., Acting Chief
Hazard Study Branch
Emergency Preparedness and Response Directorate

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
List of Current Flood Insurance Study Data

cc: Carlos A. Montoya, Floodplain Administrator, City of Albuquerque
Craig W. Hoover, P.E., Bohannan-Huston, Inc.
Community Map Repository

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO	FILL STORM SEWER SYSTEM	HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 350002		
IDENTIFIER	DOMINGO BACA TRIBUTARIES CLOMR	APPROXIMATE LATITUDE & LONGITUDE: 35.084, -106.651 SOURCE: USGS QUADRANGLE DATUM: NAD 27	
FLOODING SOURCES & REVISED REACHES	AN UNNAMED TRIBUTARY TO ARROYO DE DOMINGO BACA, REFERRED TO AS NORTH TRIBUTARY– from just downstream of Pan American Freeway to approximately 500 feet downstream of Pan American Freeway. AN UNNAMED TRIBUTARY TO ARROYO DE DOMINGO BACA, REFERRED TO AS SOUTH TRIBUTARY– from just downstream of Pan American Freeway to approximately 1,000 feet downstream of Pan American Freeway.		

SUMMARY OF REVISIONS

Effective Flooding: Zone A
Revised Flooding: X (Unshaded)
Increases: NONE
Decreases: YES

* BFEs – Base Flood Elevations

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
TYPE: FIRM* NO: 35001C0137 E Date: April 2, 2002	NO REVISION TO THE FLOOD INSURANCE STUDY

* FIRM - Flood Insurance Rate Map; ** FBFM – Flood Boundary Floodway Map; *** FHBM - Flood Hazard Boundary Map

DETERMINATION

This document provides the determination from the Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the FEMA MCC Services, 12101 Indian Creek Court, Beltsville, MD 20705. Additional Information about the NFIP is available on our web site at http://www.fema.gov/nfip.

William R Blanton Jr

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Hazard Study Branch
Emergency Preparedness and
Response Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the modified storm sewer system rests with your community. We may request that your community submit a description and schedule of storm sewer system activities.

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COMMUNITY REMINDERS

We based this determination on the 1% annual chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

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William R. Blanton Jr.

William R. Blanton Jr., CFM
Hazard Study Branch
Emergency Preparedness and
Response Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

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Mr. Frank Pagano
Director, Federal Insurance and Mitigation Division
Federal Emergency Management Agency, Region VI
Federal Regional Center, Room 206
800 North Loop 288
Denton, Texas 76209-3698
(940) 898-5127

STATUS OF THE COMMUNITY NFIP MAPS

We are processing a FIRM and FIS report for Bernalillo County, New Mexico and its incorporated areas in our countywide format. The countywide FIRM and FIS report, which include flood hazard information for your community, will become effective on November 19, 2003. Because the effective date has already been established, we will not incorporate the modifications made by this LOMR into the countywide FIRM and FIS report before they become effective. Therefore, the modifications made by this LOMR will be superceded when the countywide FIRM and FIS report become effective. After the effective date, we will issue a letter to revalidate the modifications made by this LOMR and revise the newly effective FIRM and FIS report.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the FEMA MCC Services, 12101 Indian Creek Court, Beltsville, MD 20705. Additional Information about the NFIP is available on our web site at http://www.fema.gov/nfip.

William R Blanton Jr

William R. Blanton Jr., CFM
Hazard Study Branch
Emergency Preparedness and
Response Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

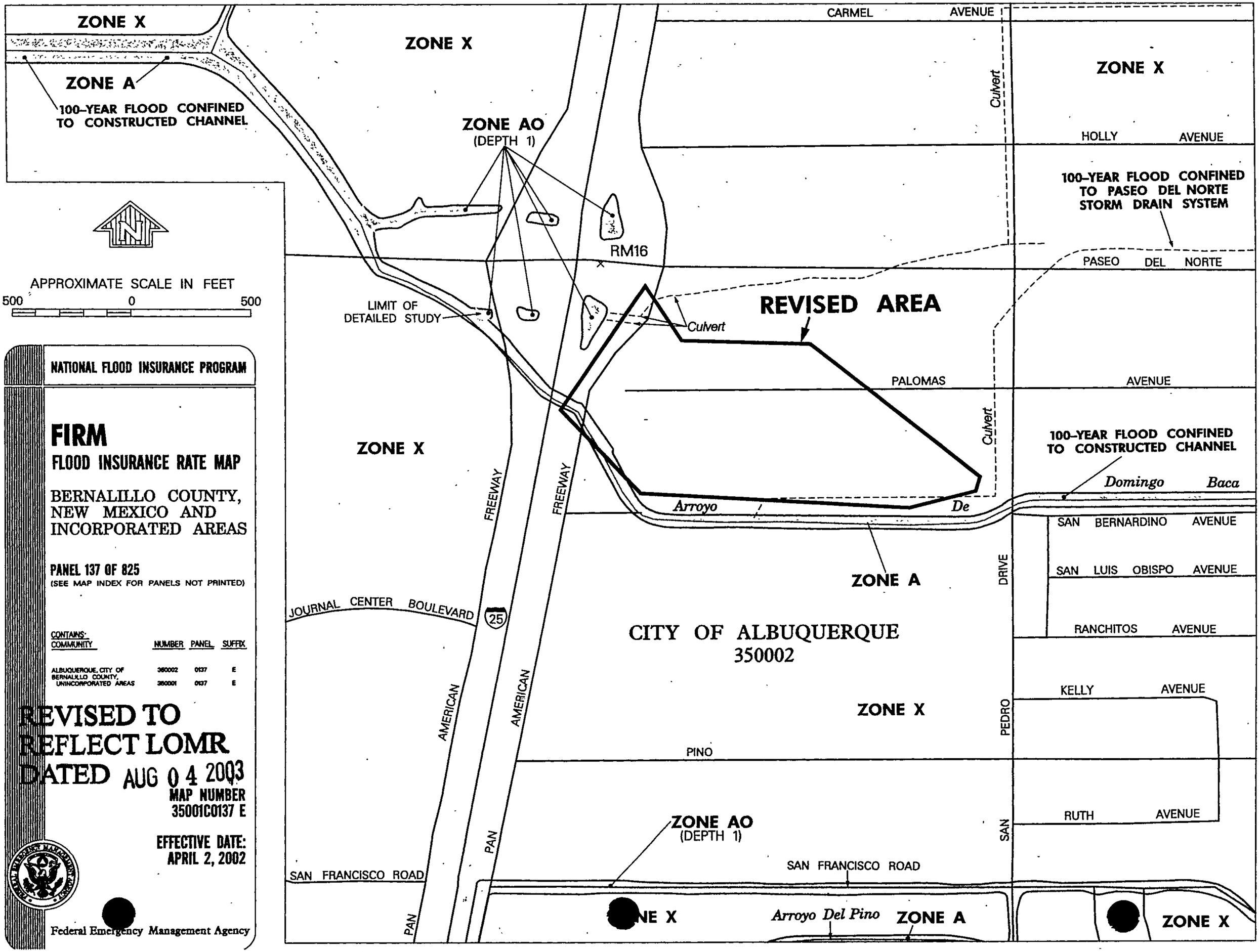
LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the FEMA MCC Services, 12101 Indian Creek Court, Beltsville, MD 20705. Additional Information about the NFIP is available on our web site at http://www.fema.gov/nfip.

William R. Blanton Jr., CFM
Hazard Study Branch
Emergency Preparedness and
Response Directorate



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

BERNALILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS

PANEL 137 OF 825
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS: COMMUNITY	NUMBER	PANEL	SUFFIX
ALBUQUERQUE, CITY OF	350002	0137	E
BERNALILLO COUNTY, UNINCORPORATED AREAS	350001	0137	E

REVISED TO REFLECT LOMR DATED AUG 04 2003

MAP NUMBER
35001C0137 E

EFFECTIVE DATE:
APRIL 2, 2002

Federal Emergency Management Agency

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 4, 2002

Joseph A. Martinenza
PBS&J
12101 Indian Creek Court
Beltsville, Maryland 20705

RE: Request for a Letter of Map Revision for Domingo Baca Tributaries (Lowes)

City of Albuquerque, New Mexico, Community No. 350002, FIRM Panel 35001C0137E Effective Date April 2, 2002

Dear Mr. Martinenza,

The purpose of this submittal is to convey the documents in order to request a Letter of Map Revision based on the construction of a concrete channel to revise the 100-year floodplain. The original CLOMR's FEMA case number is 99-06-1081R.

Enclosed with this letter are the as-built drawings, and two checks in the amount of $3,800.00.

As the City Floodplain Administrator, I have reviewed the response provided with this submittal. Our Community would greatly appreciate your prompt response and approval for this Conditional Letter of Map Revision.

If you have any questions, you can contact me at (505) 924-3982.

Sincerely,

Carlos A. Montoya
City Floodplain Administrator

C: Bill Blanton, Federal Emergency Management Agency Headquarters
Jack Quarles, FEMA Region VI
Craig W. Hoover, Bohannan Huston
Lynn Mazur, AMAFCA
Susan Calongne, Bernalillo County Floodplain Administrator

THE CITY OF ALBUQUERQUE IS AN EQUAL OPPORTUNITY/REASONABLE ACCOMMODATION EMPLOYER

Bohannan Huston INC.

Courtyard I
7500 Jefferson St. NE
Albuquerque, NM
87109-4335

www.bhinc.com

voice: 505.823.1000
facsimile: 505.798.7988
toll free: 800.877.5332

November 5, 2002

Carlos Montoya, P.E.
City of Albuquerque
600 2nd St., NW
Albuquerque, NM 87103

Re: LOMR for Domingo Baca Tributaries, City of Albuquerque, New Mexico, Community No. 35002, FIRM Case No 99-06-1-81R

Dear Mr. Montoya:

We are submitting two (2) sets of the Letter of Map Revision (LOMR) for the above referenced project. Please review the CLOMR and sign Page 2 of Form 1 where indicated. We are enclosing checks in the amount of $3,800.00 for the review fee to be sent to FEMA with the LOMR.

Thank you for your attention to this matter. If you have any questions or require additional information, please call me at 823-1000.

Sincerely,

Craig W. Hoover, P.E.
Vice President and Group Manager
Water Resources Group

CWH/cc
Enclosures

RECEIVED
NOV 06 2002
HYDROLOGY SECTION

ENGINEERING
SPATIAL DATA
ADVANCED TECHNOLOGIES

FU EEE

LOWE'S®

P O BOX 1111
NORTH WILKESBORO, NORTH CAROLINA 28656

66-156
531

FIRST UNION NATIONAL BANK
CHAPEL HILL, NORTH CAROLINA

CHECK NO. **3864045**

PAY

	DATE	AMOUNT
ONE THOUSAND FIVE HUNDRED AND NO/100 * DOLLARS **********	11/04/02	******1,500.00

VOID AFTER 90 DAYS

TO THE ORDER OF

NATIONAL FLOOD INS. PROGRAM
FEDERAL EMERG.MANAG.AGENCY
PO BOX 3173
Merrifield VA 22116

MP

MP

FIBERS MUST BE VISIBLE IN THE PAPER DO NOT NEGOTIATE IF NOT PRESENT.

⑈3864045⑈ ⑆053101561⑆ 2079985166331⑈

LOWE'S® P O Box 1111
North Wilkesboro, NC 28656

▲ Detach Here ▲

Statement of Remittance

STORE	REF.NO.	INVOICE NO.	DATE	VOUCHER	GROSS AMOUNT	DISCOUNT	NET AMOUNT
0998	00000	0756102802	102802	032859	1,500.00		1,500.00

CHECK NO.	DATE	VENDOR NO.		TOTAL GROSS	TOTAL DISC.	TOTAL AMOUNT
3864045	110402	11358	NATIONAL FLOOD INS	1,500.00		1,500.00

THIS CHECK HAS A TRUE WATERMARK WHICH IS VISIBLE FROM BOTH SIDES. HOLD AGAINST A LIGHT SOURCE TO VERIFY. IF ANY SECURITY FEATURES ARE MISSING DO NOT CASH.

FU EEE

LOWE'S®

P O BOX 1111
NORTH WILKESBORO, NORTH CAROLINA 28656

66-156
531

FIRST UNION NATIONAL BANK
CHAPEL HILL, NORTH CAROLINA

CHECK NO. **3704826**

PAY

	DATE	AMOUNT
TWO THOUSAND THREE HUNDRED AND NO/100 DOLLARS **********	09/13/02	******2,300.00

VOID AFTER 90 DAYS

TO THE ORDER OF

NATIONAL FLOOD INS. PROGRAM
FEDERAL EMERG.MANAG.AGENCY
PO BOX 3173
Merrifield VA 22116

MP

MP

FIBERS MUST BE VISIBLE IN THE PAPER. DO NOT NEGOTIATE IF NOT PRESENT.

⑈3704826⑈ ⑆053101561⑆ 2079985166331⑈

LOWE'S® P O Box 1111
North Wilkesboro, NC 28656

▲ Detach Here ▲

Statement of Remittance

STORE	REF NO	INVOICE NO	DATE	VOUCHER	GROSS AMOUNT	DISCOUNT	NET AMOUNT
0998	00000	0756090602	090602	940490	2,300.00		2,300.00

CHECK NO.	DATE	VENDOR NO.	TOTAL GROSS	TOTAL DISC.	TOTAL AMOUNT
3704826	091302	11358 NATIONAL FLOOD INS	2,300.00		2,300.00

Bohannan Huston INC.

Courtyard I
7500 Jefferson St. NE
Albuquerque. NM
87109-4335

www.bhinc.com

voice: 505.823.1000
facsimile: 505.798.7988
toll free: 800.877.5332

October 30, 2002

Alan Johnson
Federal Emergency Management Agency
Hazard Identification & Risk Assessment Division
500 C Street SW, Room 422
Washington, D.C. 20472

RE: Request for a Letter of Map Revision for the Domingo Baca Tributaries, City of Albuquerque, New Mexico, Community No. 350002, FIRM panel 35001C0137D, FEMA CASE No. 99-06-1081R

Dear Mr. Johnson:

This letter is in response to the Conditional Letter of Map Revision from FEMA dated July 2, 1999. The purpose of this submittal is to request a Letter of Map Revision due to the placement of fill along unnamed tributaries of the Arroyo de Domingo Baca, located just north and south of Palomas Avenue, and the installation of additional drainage inlets at the intersection of San Pedro Drive and Palomas Avenue.

A Revision Requester and Community Official form is enclosed with this letter. As-Built drawings of the improvements are also included. Please find checks totaling $3,800.00 enclosed.

The City of Albuquerque has reviewed and approved the analyses and plans provided with this submittal. If you have any questions in regards to this submittal, please call me at (505) 823-1000.

Sincerely,

Craig W. Hoover, P.E.
Vice President and Group Manager
Water Resources Group

CWH/cc
Enclosures

RECEIVED
NOV 06 2002
HYDROLOGY SECTION

ENGINEERING
SPATIAL DATA
ADVANCED TECHNOLOGIES

TABLE OF CONTENTS

Form 1: Revision Requester and Community Official Form

As Built grading and drainage plans

Final Drainage Certification for Lowe's

Grading and Drainage Certification – Lowe's Home Improvement Center

Community acknowledgement of the map revision request

Certification of all fill

RECEIVED
NOV 06 2002
HYDROLOGY SECTION

4. ENCROACHMENT INFORMATION

1. Does the State have jurisdiction over the floodway or its adoption by communities participating in the NFIP?
   ☐ Yes ☒ No

If Yes, attach a copy of a letter notifying the appropriate State agency of the floodway revision and documentation of the approval of the revised floodway by the appropriate State agency.

2. Does the development in the floodway cause the 1% annual chance (base) elevation to increase at any location by more than 0.000 feet? ☐ Yes ☐ No ☒ N/A

3. Does the cumulative effect of all development that has occurred since the effective SFHA was originally identified cause the base flood elevation to increase at any location by more than one foot (or other increase limit if community or state has adopted more stringent criteria - even if a floodway has not been delineated by FEMA)? ☐ Yes ☒ No

If the answer to either items is Yes, please attach documentation that all requirements of Section 65.12 of the NFIP regulations have been met, regarding evaluation of alternatives, notice to individual legal property owners, concurrence of CEO, and certification that no insurable structures are impacted.

5. MAINTENANCE RESPONSIBILITY

The community is willing to assume responsibility for ☒ performing ☐ overseeing compliance with the maintenance and operation plans of the _____
(Name)
flood control structure. If not performed promptly by an owner other than the community, the community will provide the necessary services without cost to the Federal government.

Operation and maintenance plans are attached. ☒ **Yes** ☐ **No** ☐ **N/A**

6. REVIEW FEE

The review fee for the appropriate request category has been included. ☒ Yes Fee amount: $3,800

OR

This request is based on a federally sponsored flood-control project where 50 percent or more of the project's cost is federally sponsored, or the request is based on detailed hydrologic and hydraulic studies conducted by Federal, State, or local agencies to replace approximate studies conducted by FEMA and shown on the effective FIRM; thus the project is fee exempt.
☐ Yes

Please see Instructions for Fee Amounts

7. SIGNATURE

Note: **I understand that my signature indicates that all information submitted in support of this request is correct**

Signature of Revision Requester

Craig W. Hoover P.E. Vice President
Printed Name and Title of Revision Requester

Bohannan Huston, Inc.
Company Name

Telephone No.: (505) 823-1000 Date: _____

Note: **Signature indicates that the community understands, from the revision requester, the impacts of the revision on flooding conditions in the community**

12-4-02

Signature of Community Official

Carlos Montoya, P.E., City/County Floodplain Administrator
Printed Name and Title of Community Official

City of Albuquerque, Bernalillo County, New Mexico
Community Name

Telephone No.: 924-3982 Date: _____

CERTIFICATION BY REGISTERED PROFESSIONAL ENGINEER AND/OR LAND SURVEYOR

This certification is in accordance with 44 CFR Ch. 1, Sect 65.2

Signature

Craig W. Hoover, P.E. Vice President, Water Resources Manager
Printed Name and Title of Revision Requester

Registr No. 11848 Expires (Date) 12/31/02 State NM

Type of License/Expertise: Civil Engineering (Hydrology, Hydraulics)

Check which forms have been included with this request

Form Name and (Number)	Required if .....
☐ **Hydrologic** (3)	new or revised discharges
☐ **Hydraulic** (4)	new or revised water-surface elevations
☐ **Mapping** (5)	floodplain/floodway changes
☐ **Channelization** (6)	channel is modified
☐ **Bridge/Culvert** (7)	addition/revision of bridge/culvert
☐ **Levee/Floodwall** (8)	addition/revision of levee/floodwall
☐ **Coastal** (9)	new or revised coastal elevations
☐ **Coastal Structures** (10)	addition/revision of coastal structure
☐ **Dam** (11)	addition/revision of dam
☐ **Alluvial Fan** (12)	structures proposed on alluvial fan

FEDERAL EMERGENCY MANAGEMENT AGENCY **REVISION REQUESTER AND COMMUNITY OFFICIAL**	O.M.B No. 3067-0148 Expires April 30, 2001

Public reporting burden for this form is estimated to average 2.13 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, S.W., Washington DC 20472; and to the Office of Management and Budget, Paperwork Reduction Project (3067-0148), Washington, DC 20503.

You are not required to respond to this collection of information unless a valid OMB Control Number is displayed in the upper right corner of this form.

1. REQUESTED RESPONSE FROM FEMA

This request is for a:

☐ CLOMR A letter from FEMA commenting on whether a proposed project, if built as proposed, would justify a map revision, or proposed hydrology changes (See 44 CFR Ch. 1, Parts 60,65 & 72).

☒ LOMR A letter from FEMA officially revising the current NFIP map to show the changes to floodplains, floodway or flood elevations. LOMRs typically decrease flood hazards. (See 44 CFR Ch. 1 Parts 60 & 65.)

☐ Other Describe: _____

2. OVERVIEW

1. The basis for this revision request is (are): (check all that apply)

☒ Physical Change ☐ Improved Methodology/Data ☐ Floodway Revision

☒ Other Describe: Revision of the 100-year floodplain
Note: A photograph is not required, but is very helpful during review.

2. Flooding Source: Tributaries to Arroyo de Domingo Baca

3. Project Name/Identifier: Domingo Baca Tributaries CLOMR

4. FEMA zone designations affected: A
(example: A, AH, AO, A1-A30, A99, AE, V, V1-V30, VE, B, C, D, X)

5. The NFIP map panel(s) affected for all impacted communities is (are):

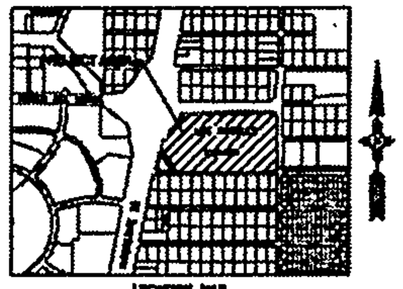
Community No.	Community Name	State	Map No.	Panel No.	Effective Date
Ex: 480301 480287	Katy, City Harris County	TX TX	480301 48201C	0005D 0220G	02/08/83 09/28/90
350002	Albuquerque, City Bernalillo County	NM	35001C	0137	09/20/96

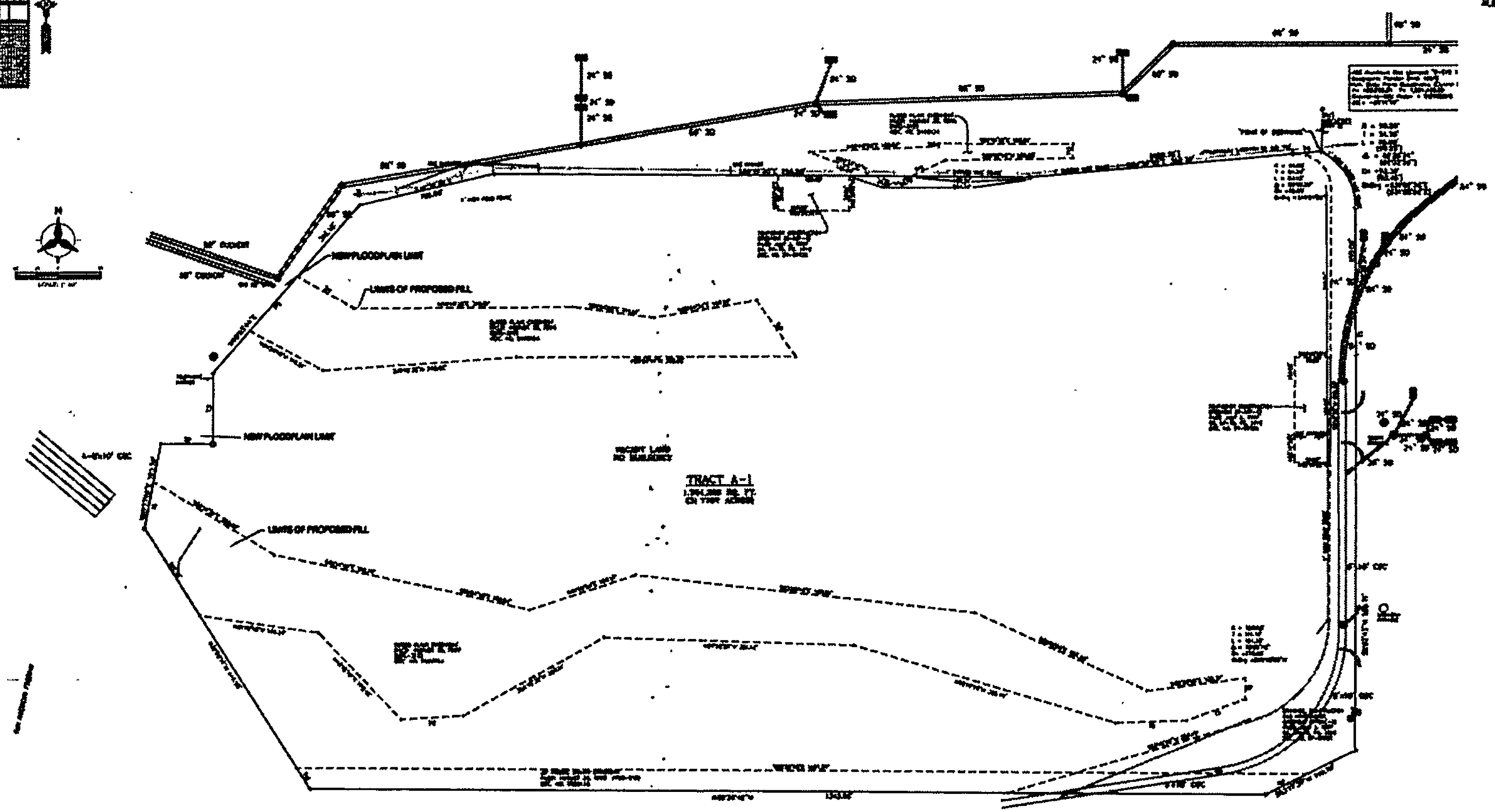
6. The area of revision encompasses the following types of flooding and structures. Check all that apply.

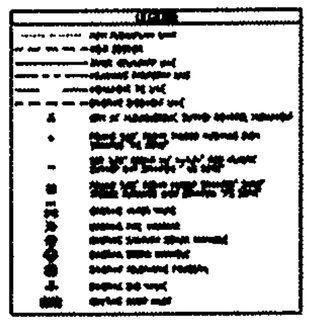
Types of Flooding	Structures
☐ Riverine	☐ Channelization
☐ Coastal	☐ Levee/Floodwall
☐ Alluvial fan	☒ Bridge/Culvert
☒ Shallow Flooding (e.g. Zones AO and AH)	☐ Dam
☐ Lakes	☒ Fill
☐ Other (describe)	☒ Other (describe)

PLEASE REFER TO THE INSTRUCTIONS FOR THE APPROPRIATE MAILING ADDRESS

ALBUQUERQUE LAND SURVEY
TRACT A-1
PLAT OF TRACTS A-1 & A-2
LOS ANGELES CENTER
SITUATE WITHIN PROJECTED SECTION 24, T11N, R2E, N.M.P.M.
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
AUGUST 1995







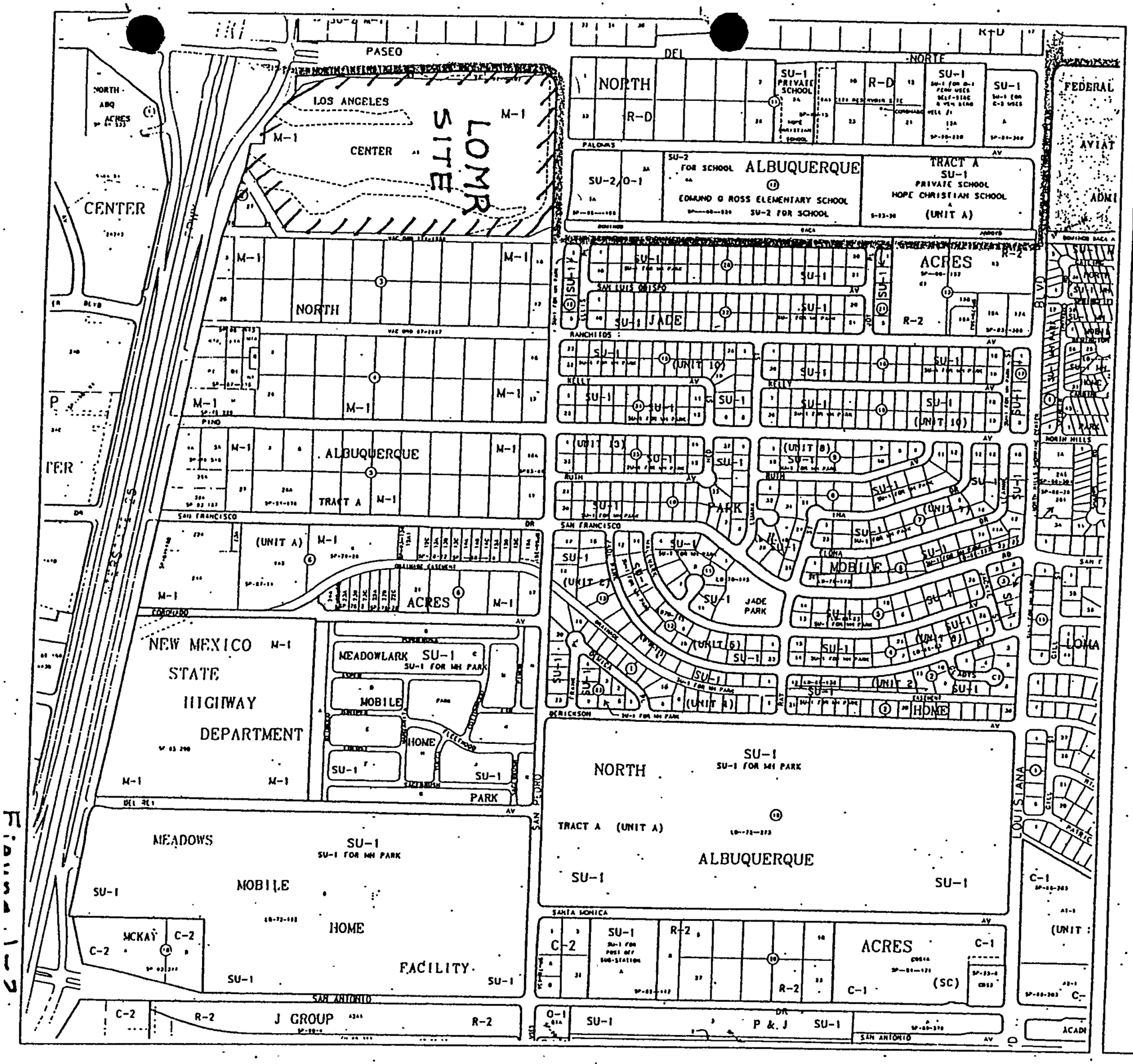
NOTES

SURVEYOR'S CERTIFICATION

DESCRIPTION

DOMINGO BACA
TRIBUTARIES LOMR

FIGURE 2.1



GRAPHIC SCALE IN FEET

250 0 500 1000

N

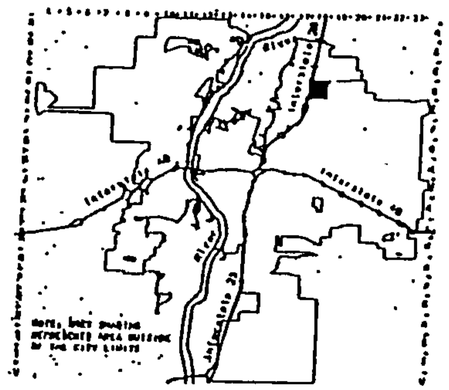
CITY OF Albuquerque

Albuquerque Geographic Information System

PLANNING DEPARTMENT

© Copyright 1997

Map Amended through October 30, 1997



LEGAL DESCRIPTION

T11N

R3E

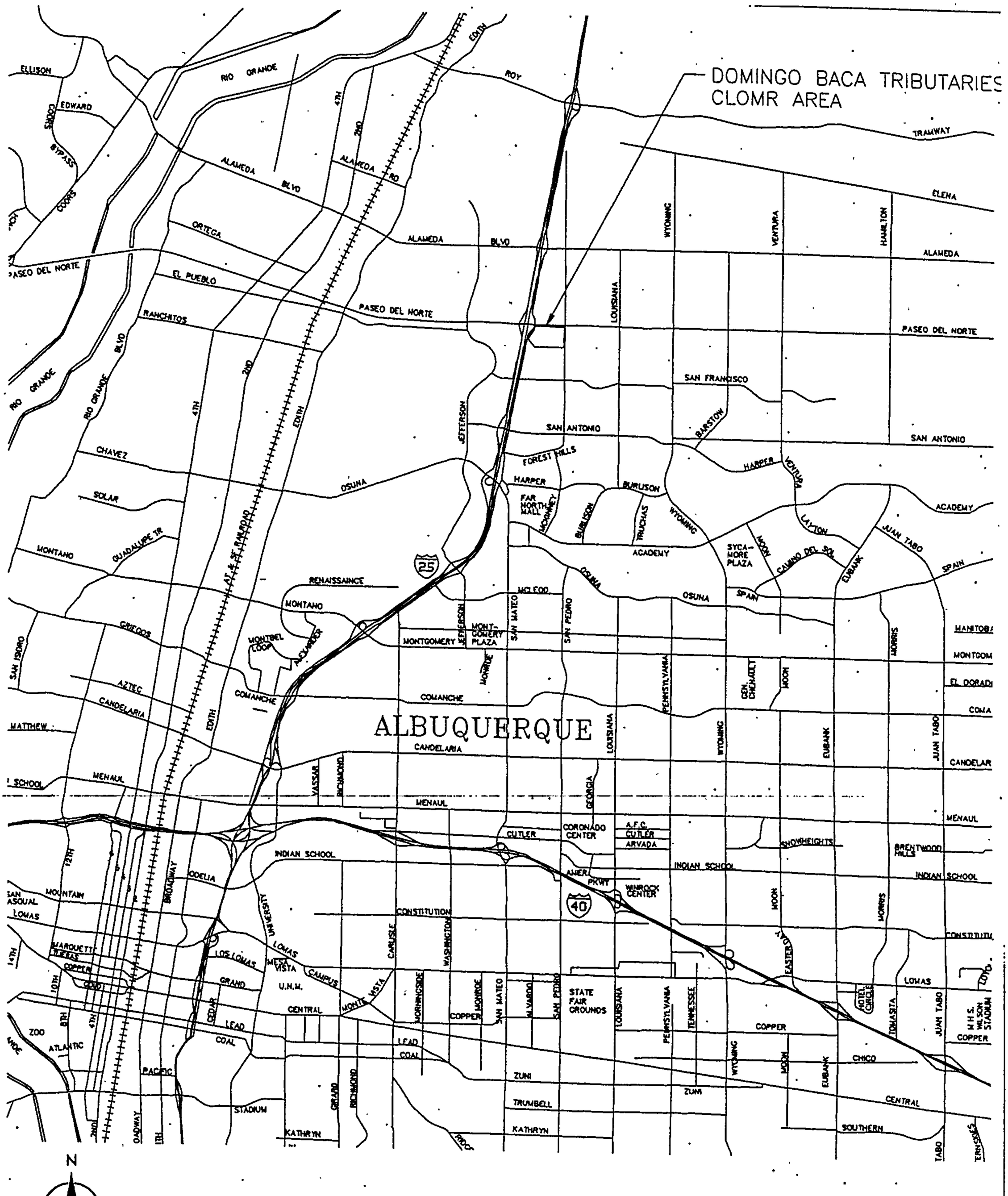
SEC 34

UNIFORM PROPERTY CODE

1-010-043

D-18-Z

Figure 1-2



Bohannan Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

DOMINGO BACA TRIBUTARIES	
REGIONAL VICINITY MAP	
PROJECT NO. 99315A 01	
FIGURE 1-1	
JOB No.: 99315A 01	SHEET 1-1
DRAWN BY: SFO	DATE 2/08/99
CHECKED BY: DJG	SCALE: 1:10,000

DATE / REVISION / BY

\\A_BHI_801\99315\HYDRO\REPORTS\FIG1-1.DWG 2/08/99

December 12, 2000

BOHANNAN-HUSTON, INC.

Courtyard One

7500 JEFFERSON NE

Albuquerque

NM 87109-4335

voice 505.823.1000

fax 505.821.0892

Mr. John P. Murray
Hydrology Division / PWD
City of Albuquerque
P. O. Box 1293
Albuquerque, NM 87103

Re: Final Drainage Certification for Lowe's (City Drainage File D18/D14)

Dear John:

Based on a re-inspection of the site on Tuesday, December 12, 2000, it appears that the grading and drainage at the Lowe's site has been completed in substantial compliance with the grading and drainage plan, engineer's stamp dated 1/3/00. Further, it appears that all of the items identified in my previous letter dated October 6, 2000 have been corrected.

With this final drainage certification submittal, we are requesting permanent Certificate of Occupancy approval from the City of Albuquerque Hydrology Department.

Should you have any questions regarding this submittal, please contact me.

Sincerely,
Bohannan Huston, Inc.

Bruce J. Stidworthy, P.E.
Community Development
and Planning Group

BJS/am
Enclosure

Mailed 12/12/00 A

cc: Tom Brock, McWhorter & Co., Inc.
John Ellis, Franklin's Earthmoving, Inc.

P:\00179\cdp\corres\c219-drain_cert\Murray.ltr.doc

RECEIVED BHI DEC 13 2000

00179 CZ 19

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

CC by Fax
MARC MILLIS
MIKE HUTE
TOM BROCK

December 12, 2000

Bruce Stidworthy, P.E.
Bohannan Huston, Inc
7500 Jefferson NE
Albuquerque, NM 87109

Re: Grading and Drainage Certification – Lowe's Home Improv. Center (D-18/D014)

Engineer's Stamp dated 1-3-2000

Engineering Certification dated 12-12-2000

Dear Mr. Stidworthy:

Based upon the information provided in your submittal dated 12-12-2000, the above referenced site is approved for Certificate of Occupancy.

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

Sincerely,

Bradley L. Bingham

Bradley L. Bingham, PE
Hydrology Review Engineer

C: Teresa Martin
file

RECEIVED BHI MAR 30 1999

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 29, 1999

Mr. Monther S. Madanat
Michael Baker Jr., Inc.
3601 Eisenhower Avenue, Suite 600
Alexandria, Virginia 22304-6439

RE: Request for a Conditional Letter of Map Revision for the Domingo Baca Tributaries, City of Albuquerque, New Mexico, Community No. 350002, FIRM Panel 35001C0137D.

Dear Mr. Madanat:

The purpose of this submittal is to request a Conditional Letter of Map Revision for the tributaries to the Arroyo de Domingo Baca located south of Paseo del Notre, between I-25 and San Pedro Drive. This request is due to current road and storm drain construction in this area.

Enclosed with this letter are the Application and Certification forms for requesting revisions to the National Flood Insurance Program maps, along with the analyses and drawings for the improvements. A check in the amount of $3100.00 for the review is also included.

The City of Albuquerque has reviewed and approved the analyses and plans provided with this submittal. Our Community would greatly appreciate your prompt response and approval for this Conditional Letter of Map Revision. If you have any questions concerning this submittal, please call me at (505) 924-3982.

Sincerely,

Susan Calongne

Susan M. Calongne, P.E.
City/County Floodplain Administrator

Attachments

c: Daniel J. Grochowski, P.E., Bohannan-Huston, Inc. (Letter only)
Alan Johnson, FEMA Headquarters (Letter only)
Jack Quarles, FEMA Region VI (Letter only)

THE CITY OF ALBUQUERQUE IS AN EQUAL OPPORTUNITY/REASONABLE ACCOMMODATION EMPLOYER

Vinyard & Associates, Inc.

8916-A Adams Street, NE
Albuquerque, New Mexico 87113
(505) 797-9743 • Fax: (505) 797-9749

Geotechnical Engineering • Materials Testing • Environmental Engineering

September 26, 2002

Bohannan-Huston, Inc.
7500 Jefferson Street NE
Courtyard One
Albuquerque, NM 87109

Attention: Ms. Margaret Stevenson

Subject: Lowe's Home Center - Earthwork
V&A Project No.: 00-2-150

Gentlemen:

Please find enclosed the soil density tests you requested for the Lowe's Project.

Should you have any questions concerning this letter, please do not hesitate to call.

Sincerely,
Vinyard & Associates, Inc.

Elizabeth Rose

V
&
A

COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 1 — DATE: 3/8/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1	Fill for undeveloped area, 100' E & 100' N of W-most corner	Natural Ground	2	10.6	123.8	99	95
2	Fill for undeveloped area, 75' E of W-most corner	Natural Ground	2	11.4	124.7	99	95
3	Fill for undeveloped area, 100' E & 100' S of W-most corner	Natural Ground	2	9.6	124.5	99	95
4	Fill for undeveloped area, 200' E & 150' N of W-most corner	Natural Ground	2	8.6	124.6	99	95
5	Fill for undeveloped area, 200' E & 100' S of W-most corner	Natural Ground	2	8.4	123.9	99	95
6	Fill for undeveloped area, 200' E & 200' S of W-most corner	Natural Ground	2	9.0	122.7	98	95
7	Fill for undeveloped area, 300' E & 75' N of W-most corner	Natural Ground	2	8.6	124.2	99	95
8	Fill for undeveloped area, 300' E & 50' S of W-most corner	Natural Ground	2	10.6	122.4	98	95
9	Fill for undeveloped area, 350' E & 250' S of W-most corner	Natural Ground	2	10.8	123.7	99	95
10	Fill for undeveloped area, 425' E & 100' N of W-most corner	Natural Ground	2	6.5	123.3	98	95
11	Fill for undeveloped area, 400' E & 75' S of W-most corner	Natural Ground	2	7.8	122.8	98	95
12	Fill for undeveloped area, 400' E & 300' S of W-most corner	Natural Ground	2	7.6	123.5	98	95
13	Fill for undeveloped area, 500' E & 100' N of W-most corner	Natural Ground	3	7.2	114.7	97	95
14	Fill for undeveloped area, 500' E &250' S of W-most corner	Natural Ground	3	8.1	115.2	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
3	Parking lot fill, natural ground from SW corner	13.0	118.5	Clayey SAND

WEATHER: Clear and cool

EQUIPMENT: Steel Drum, Blade, 2 Earthmovers, Sheepsfoot Roller, Water Truck

REMARKS: Contracting personnel informed tests are pending proctor results.

V
&
A

COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 2 — DATE: 3/9/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
15	Fill for undeveloped area, 75' E & 150' N of W-most corner	-5.5' FSG	2	8.1	119.9	96	95
16	Fill for undeveloped area, 100' E & 100' S of W-most corner	-6.5' FSG	2	8.4	123.0	98	95
17	Fill for undeveloped area, 200' E & 100' N of W-most corner	-6.5' FSG	2	10.2	121.9	97	95
18	Fill for undeveloped area, 220' E & 50' S of W-most corner	-6.5' FSG	2	8.5	122.4	98	95
19	Fill for undeveloped area, 200' E & 250' S of W-most corner	-6.5' FSG	2	9.0	121.7	97	95
20	Fill for undeveloped area, 300' E & 300' S of W-most corner	-5.5' FSG	2	9.9	122.7	98	95
21	Fill for undeveloped area, 300' E & 75' N of W-most corner	-4' FSG	2	8.3	122.1	97	95
22	Fill for undeveloped area, 350' E & 50' S of W-most corner	-4.5' FSG	2	10.0	124.1	99	95
23	Fill for undeveloped area, 350' E & 300' S of W-most corner	-4.5' FSG	2	7.8	122.7	98	95
24	Fill for undeveloped area, 400' E & 100' N of W-most corner	-3.5' FSG	2	8.6	122.0	97	95
25	Fill for undeveloped area, 125' E & 100' N of W-most corner	-11' FSG	2	9.7	123.2	98	95
26	Fill for undeveloped area, 50' E of W-most corner	-6' FSG	2	11.4	122.2	97	95
27	Fill for undeveloped area, 200' E & 75' N of W-most corner	-6' FSG	2	10.6	121.6	97	95
28	Fill for undeveloped area, 225' E & 200' S of W-most corner	-4.5' FSG	2	11.3	123.3	98	95
29	Fill for undeveloped area, 300' E & 20' N of W-most corner	-4' FSG	2	11.1	124.0	99	95
30	Fill for undeveloped area, 400' E & 200' S of W-most corner	-5' FSG	2	10.6	125.2	100	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Clear and warm

EQUIPMENT: Sheepsfoot Roller, Blade, Vibratory Roller, Water Truck, 3 Earthmovers

REMARKS: Contracting personnel informed tests are pending proctor results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 3(1of2) — DATE: 3/10/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
31	Fill for undeveloped area, 500' E & 400' S of W-most corner	-2.5' FSG	1	8.9	116.0	97	95
32	Fill for undeveloped area, 500' E & 300' S of W-most corner	-2.5' FSG	1	10.9	118.8	99	95
33	Fill for undeveloped area, 500' E & 200' S of W-most corner	-2.5' FSG	2	8.7	124.6	99	95
34	Fill for undeveloped area, 500' E & 100' S of W-most corner	-2.5' FSG	2	9.8	123.7	99	95
35	Fill for undeveloped area, 500' E & 100' N of W-most corner	-2.5' FSG	2	9.6	120.6	96	95
36	Fill for undeveloped area, 400' E & 100' N of W-most corner	-4' FSG	2	10.1	122.5	98	95
37	Fill for undeveloped area, 400' E of W-most corner	-4' FSG	2	10.6	119.6	95	95
38	Fill for undeveloped area, 400' E & 100' S of W-most corner	-3' FSG	2	12.3	120.5	96	95
39	Fill for undeveloped area, 400' E & 200' S of W-most corner	-3' FSG	2	13.9	119.3	95	95
40	Fill for undeveloped area, 400' E & 300' S of W-most corner	Natural Ground	2	12.6	121.2	97	95
41	Fill for undeveloped area, 550' E & 400' S of W-most corner	Natural Ground	2	11.3	120.7	96	95
42	Fill for undeveloped area, 550' E & 300' S of W-most corner	Natural Ground	2	12.4	121.2	97	95
43	Fill for undeveloped area, 550' E & 200' S of W-most corner	Natural Ground	2	9.6	119.7	95	95
44	Fill for undeveloped area, 550' E & 100' S of W-most corner	Natural Ground	2	8.9	121.8	97	95
45	Fill for undeveloped area, 550' E of W-most corner	Natural Ground	1	13.6	119.1	99	95
46	Fill for undeveloped area, 550' E & 100' N of W-most corner	Natural Ground	1	12.3	116.3	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
1	Parking lot fill, natural ground from E side	11.5	120.0	Poorly graded SAND with silt
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Windy and cool

EQUIPMENT: 2 Earthmovers, Blade, 2 Water Trucks, Sheepsfoot Roller, Steel Drum

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 3(2of2) — DATE: 3/10/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
47	Fill for undeveloped area, 450' E & 400' S of W-most corner	-2.5' FSG	2	12.6	119.6	95	95
48	Fill for undeveloped area, 450' E & 300' S of W-most corner	-2.5' FSG	2	10.3	121.2	97	95
49	Fill for undeveloped area, 450' E & 200' S of W-most corner	-2' FSG	2	11.7	118.8	95	95
50	Fill for undeveloped area, 450' E & 100' S of W-most corner	-2' FSG	2	12.7	123.4	98	95
51	Fill for undeveloped area, 450' E of W-most corner	-2' FSG	2	9.3	125.7	100	95
52	Fill for undeveloped area, 450' E & 100' N of W-most corner	-2' FSG	2	8.1	124.1	99	95
53	Fill for undeveloped area, 350' E & 400' S of W-most corner	-3.5' FSG	2	9.9	123.3	98	95
54	Fill for undeveloped area, 350' E & 300' S of W-most corner	-3.5' FSG	2	9.6	126.1	100	95
55	Fill for undeveloped area, 350' E & 200' S of W-most corner	-3.5' FSG	2	11.4	119.7	95	95
56	Fill for undeveloped area, 350' E & 100' S of W-most corner	-3.5' FSG	2	11.9	122.2	97	95
57	Fill for undeveloped area, 350' E of W-most corner	-3.5' FSG	2	12.3	123.0	98	95
58	Fill for undeveloped area, 350' E & 100' N of W-most corner	-4' FSG	2	10.7	121.7	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Kevin Olson
PROJECT NO.: 00-2-150 — REPORT NO.: 4 — DATE: 3/11/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
59	Grid Line 6 from S to N	Natural Ground	2	10.3	126.2	101	95
60	Grid Line 6 from S to N	Natural Ground	2	10.7	124.5	99	95
61	Grid Line 6 from S to N	Natural Ground	2	9.9	121.6	97	95
62	Grid Line 6 from S to N	Natural Ground	2	10.5	120.9	96	95
63	Grid Line 6 from S to N	Natural Ground	2	10.0	122.7	98	95
64	Grid Line 6 from E to W	Natural Ground	2	9.8	123.3	98	95
65	Grid Line 6 from E to W	Natural Ground	2	10.1	126.7	101	95
66	Grid Line 6 from E to W	Natural Ground	2	10.0	119.7	95	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Sunny and warm, 60 degrees F

EQUIPMENT: 3 Scrapers, 2 Water Trucks, 2 Blades, 2 Rollers

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 5(1of3) — DATE: 3/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
67	Fill for undeveloped area, 500' E & 400' S of W-most corner	-.5' FSG	2	11.3	125.3	100	100
68	Fill for undeveloped area, 500' E & 300' S of W-most corner	-.5' FSG	2	10.5	124.8	99.	100
69	Fill for undeveloped area, 500' E & 200' S of W-most corner	-.5' FSG	2	11.7	126.7	101	100
70	Fill for undeveloped area, 500' E & 100' S of W-most corner	-.5' FSG	2	7.9	127.4	102	100
71	Fill for undeveloped area, 500' E of W-most corner	-.5' FSG	2	8.9	126.6	101	100
72	Fill for undeveloped area, 500' E & 100' N of W-most corner	-1' FSG	2	10.3	125.9	100	100
73	Fill for undeveloped area, 400' E & 400' S of W-most corner	-1.5' FSG	2	10.1	124.9	100	100
74	Fill for undeveloped area, 400' E & 300' S of W-most corner	-1.5' FSG	2	11.6	125.3	100	100
75	Fill for undeveloped area, 400' E & 200' S of W-most corner	-1.5' FSG	2	12.3	126.2	101	100
76	Fill for undeveloped area, 400' E & 100' S of W-most corner	-1' FSG	2	9.8	125.0	100	100
77	Fill for undeveloped area, 400' E of W-most corner	-1' FSG	2	10.8	124.8	99	100
78	Fill for undeveloped area, 400' E & 100' N of W-most corner	-2' FSG	2	10.1	122.7	98	95
79	Fill for undeveloped area, 300' E & 100' N of W-most corner	-3' FSG	2	12.0	121.4	97	95
80	Fill for undeveloped area, 300' E of W-most corner	-2.5' FSG	2	10.1	118.9	95	95
81	Fill for undeveloped area, 300' E & 100' S of W-most corner	-2.5' FSG	2	10.3	119.9	96	95
82	Fill for undeveloped area, 300' E & 200' S of W-most corner	-2.5' FSG	2	10.4	122.6	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Clear and warm

EQUIPMENT: 2 Earthmovers, Water Truck, Sheepsfoot Roller, Blade, Steel Drum, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 5(2of3) — DATE: 3/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
83	Fill for undeveloped area, 300' E & 300' S of W-most corner	-2.5' FSG	2	10.0	124.2	99	95
84	Fill for undeveloped area, 300' E & 400' S of W-most corner	-2' FSG	2	9.8	122.7	98	95
85	Fill for undeveloped area, 200' E & 400' S of W-most corner	-3.5' FSG	2	8.7	127.1	101	95
86	Fill for undeveloped area, 200' E & 300' S of W-most corner	-4.5' FSG	2	9.8	123.7	99	95
87	Fill for undeveloped area, 200' E & 200' S of W-most corner	-5' FSG	2	10.6	123.8	99	95
88	Fill for undeveloped area, 200' E & 100' S of W-most corner	-4' FSG	2	8.7	127.5	102	95
89	Fill for undeveloped area, 200' E of W-most corner	-4' FSG	2	9.2	118.9	95	95
90	Fill for undeveloped area, 200' E & 100' N of W-most corner	-4' FSG	2	14.1	119.6	95	95
91	Fill for undeveloped area, 150' E & 200' S of W-most corner	-4.5' FSG	2	12.6	121.2	97	95
92	Fill for undeveloped area, 150' E & 100' S of W-most corner	-5' FSG	2	13.4	122.4	98	95
93	Fill for undeveloped area, 150' E of W-most corner	-5' FSG	2	11.6	119.7	95	95
94	Fill for undeveloped area, 150' E & 100' N of W-most corner	-10' FSG	2	10.5	123.4	98	95
95	Natural ground on Grid Line 2, 15' S of channel	Natural Ground	2	9.7	119.4	95	95
96	Natural ground on Grid Line 3, 10' S of channel	Natural Ground	2	8.2	121.6	97	95
97	Natural ground on Grid Line 4, 10' S of channel	Natural Ground	2	9.9	122.2	97	95
98	Natural ground on Grid Line 5, 10' S of channel	Natural Ground	2	9.7	124.3	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 5(3of3) — DATE: 3/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
99	Natural ground on Grid Line 6, 15' S of channel	Natural Ground	2	9.0	121.0	96	95
100	Natural ground on Grid Line 2, 20' N of channel	Natural Ground	2	8.7	120.5	96	95
101	Natural ground on Grid Line 3, 20' N of channel	Natural Ground	2	9.1	119.7	95	95
102	Natural ground on Grid Line 4, 10' N of channel	Natural Ground	2	7.9	120.1	96	95
103	Natural ground on Grid Line 5, 5' N of channel	Natural Ground	2	8.7	121.2	97	95
104	Natural ground on Grid Line 6, 10' N of channel	Natural Ground	2	9.6	122.3	97	95
105	Fill for undeveloped area, 250' E & 400' S of W-most corner	-2.5' FSG	2	11.6	124.2	99	95
106	Fill for undeveloped area, 250' E & 300' S of W-most corner	-3.5' FSG	2	12.4	119.7	95	95
107	Fill for undeveloped area, 250' E & 200' S of W-most corner	-4' FSG	2	10.7	123.4	98	95
108	Fill for undeveloped area, 150' E & 100' N of W-most corner	-9' FSG	2	9.4	126.1	100	95
109	Fill for undeveloped area, 150' E & 100' S of W-most corner	-4' FSG	2	10.7	125.0	100	95
110	Fill for undeveloped area, 150' E & 200' S of W-most corner	-3.5' FSG	2	13.6	124.1	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:
EQUIPMENT:
REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 6(1of2) — DATE: 3/14/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
111	Fill for undeveloped area at 450' E & 400' S of W-most corner	-.5' FSG	2	9.6	126.3	101	100
112	Fill for undeveloped area at 450' E & 300' S of W-most corner	-.5' FSG	2	11.7	125.2	100	100
113	Fill for undeveloped area at 450' E & 200' S of W-most corner	-.5' FSG	2	12.3	124.9	100	100
114	Fill for undeveloped area at 450' E 100' S of W-most corner	-.5' FSG	2	10.7	125.8	100	100
115	Fill for undeveloped area at 450' E of W-most corner	-.5' FSG	2	11.6	127.2	101	100
116	Fill for undeveloped area at 450' E & 100' N of W-most corner	-1' FSG	2	11.8	126.4	101	100
117	Fill for undeveloped area at 350' E & 400' S of W-most corner	-1' FSG	2	12.6	127.2	101	100
118	Fill for undeveloped area at 350' E & 300' S of W-most corner	-1' FSG	2	12.4	125.9	100	100
119	Fill for undeveloped area at 350' E & 200' S of W-most corner	-1.5' FSG	2	13.6	125.1	100	100
120	Fill for undeveloped area at 350' E & 100' Sof W-most corner	-1.5' FSG	2	7.9	124.9	100	100
121	Fill for undeveloped area at 350' E of W-most corner	-1.5' FSG	2	11.5	126.8	101	100
122	Fill for undeveloped area at 350' E & 100' S of W-most corner	-2' FSG	2	11.9	121.1	96	95
123	Fill for undeveloped area at 250' E & 400' S of W-most corner	-1.5' FSG	2	8.8	125.2	100	100
124	Fill for undeveloped area at 250' E & 300' Sof W-most corner	-2.5' FSG	2	8.9	118.9	95	95
125	Fill for undeveloped area at 250' E & 200' Sof W-most corner	-3' FSG	2	9.6	120.0	96	95
126	Fill for undeveloped area at 250' E & 100' S of W-most corner	-3' FSG	2	11.5	121.6	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Breezy, clear and warm

EQUIPMENT: 2 Earthmovers, Water Truck, Blade, Sheepsfoot Roller, Steel Drum, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 6(2of2) — DATE: 3/14/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
127	Fill for undeveloped area at 250' E of W-most corner	-3' FSG	2	8.7	120.5	96	95
128	Fill for undeveloped area at 250' E & 100' N of W-most corner	-3' FSG	2	9.5	121.6	97	95
129	Fill for undeveloped area at 150' E & 200' S of W-most corner	-2.5' FSG	2	11.8	123.3	98	95
130	Fill for undeveloped area at 150' E & 100' S of W-most corner	-3' FSG	2	10.3	123.3	98	95
131	Fill for undeveloped area at 150' E of W-most corner	-4' FSG	2	12.7	122.8	98	95
132	Fill for undeveloped area at 150' E & 100' N of W-most corner	-4.5' FSG	2	11.6	119.7	95	95
133	Fill for undeveloped area at 150' E & 200' N of W-most corner	-10' FSG	2	12.4	123.8	99	95
134	Fill for undeveloped area at 50' E of W-most corner	-5' FSG	2	10.0	120.0	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 7(1of2) — DATE: 3/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
135	Fill for undeveloped area at 350' E & 100' N of W-most corner	-1' FSG	2	11.2	127.4	102	100
136	Fill for undeveloped area at 350' E of W-most corner	-1' FSG	2	12.6	126.1	100	100
137	Fill for undeveloped area at 350' E & 100' S of W-most corner	-1' FSG	2	10.3	126.4	101	100
138	Fill for undeveloped area at 350' E & 200' S of W-most corner	-1' FSG	2	10.2	125.9	100	100
139	Fill for undeveloped area at 250' E & 400' S of W-most corner	-1' FSG	2	12.3	125.1	100	100
140	Fill for undeveloped area at 250' E & 300' S of W-most corner	-1.5' FSG	2	9.9	124.9	100	100
141	Fill for undeveloped area at 250' E & 200' S of W-most corner	-2' FSG	2	14.2	126.2	101	95
142	Fill for undeveloped area at 250' E & 100' S of W-most corner	-2' FSG	2	10.6	120.1	96	95
143	Fill for undeveloped area at 250' E of W-most corner	-2' FSG	2	11.4	123.7	99	95
144	Fill for undeveloped area at 250' E & 100' N of W-most corner	-2' FSG	2	12.1	125.2	100	100
145	Fill for undeveloped area at 150' E & 200' S of W-most corner	-1.5' FSG	2	13.4	126.1	100	95
146	Fill for undeveloped area at 150' E & 100' S of W-most corner	-2' FSG	2	12.6	125.1	100	95
147	Fill for undeveloped area at 150' E of W-most corner	-3' FSG	2	11.4	124.3	99	95
148	Fill for undeveloped area at 150' E & 100' N of W-most corner	-3' FSG	2	10.8	122.7	98	95
149	Fill for undeveloped area at 100' E & 100' S of W-most corner	-4' FSG	2	11.2	121.6	97	95
150	Fill for undeveloped area at 100' E of W-most corner	-4' FSG	2	12.0	120.2	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Clear and warm

EQUIPMENT: 2 Earthmovers, Water Truck, Sheepsfoot Roller, Blade, Steel Drum

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 7(2of2) — DATE: 3/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
151	Fill for undeveloped area at 100' E & 100' N of W-most corner	-5' FSG	2	12.1	124.2	99	95
152	Fill for undeveloped area on Gridline 5, 15' S of channel	-7.5' FSG	4	7.3	123.2	97	95
153	Fill for undeveloped area on Gridline 4, 10' S of channel	-8' FSG	2	14.6	121.6	97	95
154	Fill for undeveloped area on Gridline 3, 10' S of channel	-8' FSG	2	10.4	123.0	98	95
155	Fill for undeveloped area on Gridline 2, 15' S of channel	-9' FSG	2	11.6	125.1	100	95
156	Fill for undeveloped area on Gridline 1, 20' S of channel	-9' FSG	2	12.8	124.6	99	95
157	Fill for undeveloped area on Gridline 6, 20' S of channel	-6' FSG	2	12.5	118.8	95	95
158	Fill for undeveloped area on Gridline 5, 20' S of channel	-6' FSG	2	12.4	119.3	95	95
159	Fill for undeveloped area on Gridline 4, 20' S of channel	-6' FSG	2	13.0	119.8	95	95
160	Fill for undeveloped area on Gridline 3, 20' S of channel	-6' FSG	2	9.1	128.6	102	95
161	Fill for undeveloped area on Gridline 2, 20' S of channel	-7' FSG	2	12.0	121.5	97	95
162	Fill for undeveloped area on Gridline 1, 30' S of channel	-8' FSG	2	11.9	119.9	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 8 — DATE: 3/16/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
163	Fill for undeveloped area on Gridline 6 at 30' S of channel	-5' FSG	2	10.3	123.6	98	95
164	Fill for undeveloped area on Gridline 5 at 30' S of channel	-5' FSG	2	9.2	123.2	98	95
165	Fill for undeveloped area on Gridline 4 at 30' S of channel	-5' FSG	2	8.9	124.4	99	95
166	Fill for undeveloped area on Gridline 3 at 30' S of channel	-5' FSG	2	10.1	121.2	97	95
167	Fill for undeveloped area on Gridline 2 at 30' S of channel	-6' FSG	2	10.5	119.1	95	95
168	Fill for undeveloped area on Gridline 1 at 30' S of channel	-7' FSG	2	9.7	121.4	97	95
169	Center of channel at Gridline 5	Natural Ground	4	6.8	129.1	101	95
170	Center of channel at Gridline 4	Natural Ground	4	6.6	125.3	98	95
171	Center of channel at Gridline 3	Natural Ground	4	8.9	122.6	96	95
172	Center of channel at Gridline 2	Natural Ground	4	7.1	123.4	97	95
173	Fill for undeveloped area on Gridline 3, 150' N of channel	Natural Ground	2	11.1	121.3	97	95
174	Fill for undeveloped area on Gridline 4, 175' N of channel	Natural Ground	2	9.6	120.5	96	95
175	Fill for undeveloped area on Gridline 5, 175' N of channel	Natural Ground	4	6.8	128.1	101	95
176	Fill for undeveloped area on Gridline 6, 175' N of channel	Natural Ground	4	10.0	125.1	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Windy, cold and cloudy

EQUIPMENT: 3 Earthmovers, 2 Water Trucks, 2 Blades, Loader, Sheepsfoot Roller, Steel Drum

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 9(1of4) — DATE: 3/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
177	Bottom of footing overexcavation at Gridline 13-4	Natural Ground	4	8.9	128.0	100	95
178	Bottom of footing overexcavation at Gridline E-4	Natural Ground	2	10.1	119.0	95	95
179	Bottom of footing overexcavation at Gridline B-4	Natural Ground	2	10.0	123.2	98	95
180	Bottom of footing overexcavation at Gridline G13-5	Natural Ground	2	9.3	121.6	97	95
181	Bottom of footing overexcavation at Gridline E-5	Natural Ground	2	11.0	121.9	97	95
182	Bottom of footing overexcavation at Gridline B-5	Natural Ground	2	10.9	121.3	97	95
183	Fill for undeveloped area on Gridline 6 40' S of channel	-4' FSG	2	11.9	123.9	99	95
184	Fill for undeveloped area on Gridline 5 40' S of channel	-4' FSG	2	11.6	121.9	97	95
185	Fill for undeveloped area on Gridline 4 40' S of channel	-4' FSG	2	12.6	119.1	95	95
186	Fill for undeveloped area on Gridline 3 40' S of channel	-4' FSG	2	10.6	119.8	95	95
187	Fill for undeveloped area on Gridline 2 40' S of channel	-5' FSG	2	9.3	122.1	97	95
188	Fill for undeveloped area on Gridline 1 60' S of channel	-6' FSG	2	8.7	122.2	97	95
189	Fill for undeveloped area at 250' E & 300' S of W-most corner	-.5' FSG	2	9.5	126.2	101	100
190	Fill for undeveloped area at 250' E & 200' S of W-most corner	-1' FSG	4	7.1	128.2	101	100
191	Fill for undeveloped area at 250' E & 100' S of W-most corner	-1' FSG	2	10.2	124.9	100	100
192	Fill for undeveloped area at 250' E of W-most corner	-1' FSG	2	11.7	126.2	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Breezy and cool

EQUIPMENT: 2 Water Trucks, 4 Earthmovers, 2 Blades, Sheepsfoot Roller, Steel Drum, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 9(2of4) — DATE: 3/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
193	Fill for undeveloped area at 250' E & 100' N of W-most corner	-1' FSG	2	10.6	125.2	100	100
194	Bottom of footing overexcavation at Gridline G 13-6	Natural Ground	2	9.4	123.8	99	95
195	Bottom of footing overexcavation at Gridline E-6	Natural Ground	2	9.1	120.2	96	95
196	Bottom of footing overexcavation at Gridline B-6	Natural Ground	2	10.1	119.6	95	95
197	Natural ground on building pad at Gridline G-6.5	Natural Ground	2	11.5	121.1	96	95
198	Natural ground on building pad at Gridline D-6.5	Natural Ground	2	12.1	119.3	95	95
199	Natural ground on building pad at Gridline B-6.5	Natural Ground	2	13.2	120.9	96	95
200	Natural ground on building pad at Gridline G-5.5	Natural Ground	2	11.1	123.3	98	95
201	Natural ground on building pad at Gridline D-5.5	Natural Ground	2	12.6	121.3	97	95
202	Natural ground on building pad at Gridline B-5.5	Natural Ground	2	11.3	126.7	101	95
203	Natural ground on building pad at Gridline G-4.5	Natural Ground	2	10.3	123.5	98	95
204	Natural ground on building pad at Gridline D-4.5	Natural Ground	4	8.5	128.9	101	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 9(3of4) — DATE: 3/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
205	Natural ground on building pad at Gridline B-4.5	Natural Ground	4	9.8	126.7	99	95
206	Fill on undeveloped area at 150' E & 200' S of W-most corner	-1' FSG	2	10.2	125.0	100	100
207	Fill on undeveloped area at 150' E & 100' S of W-most corner	-1' FSG	2	11.6	126.2	101	100
208	Fill on undeveloped area at 150' E of W-most corner	-2' FSG	2	9.9	122.2	97	95
209	Fill on undeveloped area at 50' E of W-most corner	-2' FSG	2	10.6	123.7	99	95
210	Fill on undeveloped area at 600' E & 400' S of W-most corner	FSG	2	10.7	125.5	100	100
211	Fill on undeveloped area at 600' E & 300' S of W-most corner	FSG	2	11.8	125.5	100	100
212	Fill on undeveloped area at 600' E & 200' S of W-most corner	FSG	2	12.6	125.8	100	100
213	Fill on undeveloped area at 600' E & 100' S of W-most corner	FSG	2	12.2	126.8	101	100
214	Fill on undeveloped area at 600' E of W-most corner	FSG	2	11.0	125.2	100	100
215	Fill on undeveloped area at 500' E & 400' S of W-most corner	FSG	2	13.2	126.5	101	100
216	Fill on undeveloped area at 500' E & 300' S of W-most corner	FSG	4	7.1	127.3	100	100
217	Fill on undeveloped area at 500' E & 200' S of W-most corner	FSG	2	11.2	125.0	100	100
218	Fill on undeveloped area at 500' E & 100' S of W-most corner	FSG	2	14.7	127.1	101	100
219	Fill on undeveloped area at 5000' E of W-most corner	FSG	2	11.6	125.8	100	100
220	Fill on undeveloped area at 400' E & 400' S of W-most corner	FSG	4	6.3	128.1	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 9(4of4) — DATE: 3/17
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
221	Fill on undeveloped area at 400' E & 300' S of W-most corner	FSG	4	6.9	127.7	100	100
222	Fill on undeveloped area at 400' E & 200' S of W-most corner	FSG	2	9.7	125.2	100	100
223	Fill on undeveloped area at 400' E & 100' S of W-most corner	FSG	4	8.1	126.9	100	100
224	Fill on undeveloped area at 400' E of W-most corner	FSG	4	6.6	128.3	101	100
225	Fill on undeveloped area at 300' E & 400' S of W-most corner	FSG	4	7.8	127.7	100	100
226	Fill on undeveloped area at 300' E & 300' S of W-most corner	FSG	4	7.2	129.1	101	100
227	Fill on undeveloped area at 300' E & 200' S of W-most corner	FSG	2	11.6	126.2	101	100
228	Fill on undeveloped area at 300' E 100' S of W-most corner	FSG	2	12.2	125.1	100	100
229	Fill on undeveloped area at 200' E & 300' S of W-most corner	FSG	2	13.6	126.9	101	100
230	Fill on undeveloped area at 200' E & 200' S of W-most corner	FSG	2	11.2	124.9	100	100
231	Fill on undeveloped area at 200' E & 100' S of W-most corner	FSG	2	9.4	125.8	100	100
232	Fill on undeveloped area on Gridline 1, 50' S of channel	-5' FSG	2	12.6	124.7	99	95
233	Fill on undeveloped area on Gridline 2, 50' S of channel	-4' FSG	2	11.4	123.6	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 10(1of3) — DATE: 3/20/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
234	Bottom of footing overexcavation at Gridline G5-8	Natural Ground	4	10.4	124.9	98	95
235	Bottom of footing overexcavation at Gridline E-7	Natural Ground	4	9.5	125.1	98	95
236	Bottom of footing overexcavation at Gridline B-7	Natural Ground	4	11.5	125.0	98	95
237	Natural ground on building pad at Gridline D-8	Natural Ground	2	11.7	123.7	99	95
238	Natural ground on building pad at Gridline B-8	Natural Ground	2	12.2	123.1	98	95
239	Fill for undeveloped area at Gridline 1 60' S of channel	-3' FSG	2	12.6	120.7	96	95
240	Fill for undeveloped area at Gridline 2 50' S of channel	-3' FSG	2	11.6	118.8	95	95
241	Fill for undeveloped area at Gridline 3 50' S of channel	-2.5' FSG	2	10.6	120.9	96	95
242	Fill for undeveloped area at Gridline 4 50' S of channel	-2.5' FSG	2	11.3	120.1	96	95
243	Fill for undeveloped area at Gridline 5 50' S of channel	-2.5' FSG	2	12.6	118.9	95	95
244	Fill for undeveloped area at Gridline 6 50' S of channel	-2.5' FSG	2	8.9	120.7	96	95
245	Bottom of channel at 30' W of Gridline 6	-9' FSG	2	9.7	121.3	97	95
246	Bottom of channel at Gridline 5	-9' FSG	2	9.6	118.8	95	95
247	Bottom of channel at Gridline 4	-10' FSG	2	10.4	120.8	96	95
248	Bottom of channel at Gridline 3	-11' FSG	2	10.2	122.5	98	95
249	Bottom of channel at Gridline 2	-13' FSG	2	11.7	122.7	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Cloudy, breezy and cool

EQUIPMENT: 2 Water Trucks, Steel Drum, Sheepsfoot Roller, 2 Blades, Loader, 3 Earthmovers

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 10(2of3) — DATE: 3/20
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
250	Fill for undeveloped area at 150' E of W-most corner	-1' FSG	2	13.2	125.8	100	100
251	Fill for undeveloped area at 150' E & 100' N of W-most corner	-1.5' FSG	2	12.2	125.3	100	100
252	Fill for undeveloped area at 50' E of W-most corner	-1' FSG	2	12.6	126.2	101	100
253	Fill for footing overexcavation at Gridline B-5	-3' FSG	2	9.3	119.6	95	95
254	Fill for footing overexcavation at Gridline E-5	-3' FSG	2	11.1	119.0	95	95
255	Fill for footing overexcavation at Gridline G-5	-3' FSG	2	11.0	120.1	96	95
256	Fill for footing overexcavation at Gridline G-6	-3' FSG	2	8.9	119.7	95	95
257	Fill for footing overexcavation at Gridline E-6	-3' FSG	2	11.6	123.9	99	95
258	Fill for footing overexcavation at Gridline B-6	-3' FSG	2	9.9	119.1	95	95
259	Fill for footing overexcavation at Gridline B-4	-3' FSG	4	8.6	124.8	98	95
260	Fill for footing overexcavation at Gridline E-4	-3' FSG	2	11.9	121.7	97	95
261	Fill for footing overexcavation at Gridline G-4	-3' FSG	2	10.5	123.6	98	95
262	Natural ground on building pad at Gridline G-3.5	Natural Ground	2	9.6	122.5	98	95
263	Natural ground on building pad at Gridline D-3.5	Natural Ground	2	10.2	123.8	99	95
264	Natural ground on building pad at Gridline B-3.5	Natural Ground	2	10.8	122.2	97	95
265	Natural ground on building pad at Gridline G-32.5	Natural Ground	2	11.9	123.9	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 10(3of3) — DATE: 3/20/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
266	Natural ground at building pad at Gridline D-2.5	Natural Ground	4	9.6	121.1	95	95
267	Natural ground at building pad at Gridline B-2.5	Natural Ground	4	9.8	123.5	97	95
268	Fill for footing overexcavation at Gridline B-4	-2' FSG	2	10.4	124.7	99	95
269	Fill for footing overexcavation at Gridline E-4	-2' FSG	2	10.1	126.2	101	95
270	Fill for footing overexcavation at Gridline G-4	-2' FSG	2	11.6	125.2	100	95
271	Fill for footing overexcavation at Gridline G-5	-2' FSG	2	10.5	119.6	95	95
272	Fill for footing overexcavation at Gridline E-5	-2' FSG	2	11.6	121.7	97	95
273	Fill for footing overexcavation at Gridline B-5	-2' FSG	2	10.8	120.6	96	95
274	Fill for footing overexcavation at Gridline B-6	-2' FSG	2	9.1	123.4	98	95
275	Fill for footing overexcavation at Gridline E-6	-2' FSG	2	12.6	122.7	98	95
276	Fill for footing overexcavation at Gridline G-6	-2' FSG	2	10.5	124.5	99	95
277	Fill for footing overexcavation at Gridline G5-8	-3' FSG	2	13.1	122.7	98	95
278	Fill for footing overexcavation at Gridline G-7	-3' FSG	2	12.0	122.0	97	95
279	Fill for footing overexcavation at Gridline E-7	-3' FSG	4	11.7	127.1	100	95
280	Fill for footing overexcavation at Gridline B-7	-3' FSG	2	9.2	121.5	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 11 — DATE: 3/20/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
282	Fill for footing overexcavation at Gridline B-9	Natural Ground	2	9.8	124.5	99	95
283	Fill for footing overexcavation at Gridline E-9	Natural Ground	2	12.3	123.5	98	95
284	Fill for footing overexcavation at Gridline G-9	Natural Ground	2	11.5	123.8	99	95
285	Fill for footing overexcavation at Gridline B-2	Natural Ground	2	9.1	125.3	100	95
286	Fill for footing overexcavation at Gridline E-2	Natural Ground	2	10.8	125.3	100	95
287	Fill for footing overexcavation at Gridline G-2	Natural Ground	2	13.7	118.9	95	95
288	Fill at bottom of channel at Gridline 2	-10' FSG	2	11.0	125.6	100	95
289	Fill at bottom of channel at Gridline 3	-9' FSG	2	10.2	125.3	100	95
290	Fill at bottom of channel at Gridline 4	-9' FSG	2	12.2	125.8	100	95
291	Fill at bottom of channel at Gridline 5	-7' FSG	2	12.3	125.4	100	95
292	Fill at bottom of channel at Gridline 6	-7' FSG	2	11.4	124.5	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT: 2 Blades, Water Truck, Drum Roller, 2 Scrapers

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 12(1of3) — DATE: 3/20/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
293	Bottom of footing overexcavation at Gridline G-3	Natural Ground	2	11.7	121.5	97	95
294	Bottom of footing overexcavation at Gridline E-3	Natural Ground	2	12.4	121.9	97	95
295	Bottom of footing overexcavation at Gridline B-3	Natural Ground	2	11.4	123.6	98	95
296	Fill for footing overexcavation at Gridline B-4	-1' FSG	2	11.6	122.7	98	95
297	Fill for footing overexcavation at Gridline E-4	-1' FSG	2	11.8	126.1	100	95
298	Fill for footing overexcavation at Gridline G-4	-1' FSG	2	10.2	123.8	99	95
299	Fill for footing overexcavation at Gridline G-5	-1' FSG	2	10.2	120.2	96	95
300	Fill for footing overexcavation at Gridline E-5	-1' FSG	2	11.7	124.9	100	95
301	Fill for footing overexcavation at Gridline B-5	-1' FSG	2	9.9	118.8	95	95
302	Fill for footing overexcavation at Gridline B-6	-1' FSG	2	10.4	123.1	98	95
303	Fill for footing overexcavation at Gridline E-6	-1' FSG	2	10.7	124.4	99	95
304	Fill for footing overexcavation at Gridline G-6	-1' FSG	2	9.4	122.3	97	95
305	Fill for footing overexcavation at Gridline G-7	-2' FSG	2	10.6	121.7	97	95
306	Fill for footing overexcavation at Gridline E-7	-2' FSG	2	10.4	120.8	96	95
307	Fill for footing overexcavation at Gridline B-7	-2' FSG	2	9.4	122.2	97	95
308	Fill for footing overexcavation at Gridline G5-8	-2' FSG	2	10.2	119.6	95	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Cloudy, breezy and cool

EQUIPMENT: 2 Water Trucks, Steel Drum, Sheepsfoot Roller, 2 Blades, Loader, 3 Earthmovers

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 12(2of3) — DATE: 3/20/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
309	Fill for footing overexcavation at Gridline G-9	-3' FSG	2	8.9	123.7	99	95
310	Fill for footing overexcavation at Gridline E-9	-3' FSG	2	10.6	124.9	100	95
311	Fill for footing overexcavation at Gridline B-9	-3' FSG	2	9.3	123.2	98	95
312	Bottom of footing overexcavation at Gridline G-1	Natural Ground	2	9.6	120.0	96	95
313	Bottom of footing overexcavation at Gridline E-1	Natural Ground	2	10.6	122.7	98	95
314	Bottom of footing overexcavation at Gridline B-1	Natural Ground	2	9.5	122.0	97	95
315	Fill for footing overexcavation at Gridline B-3	-3' FSG	2	9.4	121.7	97	95
316	Fill for footing overexcavation at Gridline E-3	-3' FSG	2	10.7	123.8	99	95
317	Fill for footing overexcavation at Gridline G-3	-3' FSG	2	9.9	124.0	99	95
318	Fill for footing overexcavation at Gridline B-1	-3' FSG	2	10.3	123.7	99	95
319	Fill for footing overexcavation at Gridline E-1	-3' FSG	2	10.7	126.2	101	95
320	Fill for footing overexcavation at Gridline G-1	-3' FSG	2	14.6	124.9	100	95
321	Natural ground on building pad at Gridline G-1.5	Natural Ground	4	6.8	128.4	101	95
322	Natural ground on building pad at Gridline E-1.5	Natural Ground	4	7.4	127.2	100	95
323	Natural ground on building pad at Gridline B-1.5	Natural Ground	2	12.3	119.4	95	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 12(3of3) — DATE: 3/20/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
324	Fill for footing overexcavation at Gridline G-2	-3' FSG	2	10.7	121.2	97	95
325	Fill for footing overexcavation at Gridline E-2	-3' FSG	2	9.6	122.7	98	95
326	Fill for footing overexcavation at Gridline B-2	-3' FSG	2	9.8	125.4	100	95
327	Fill for footing overexcavation at Gridline B-2	-1' FSG	2	10.3	122.6	98	95
328	Fill for footing overexcavation at Gridline E-2	-1' FSG	2	11.6	123.2	98	95
329	Fill for footing overexcavation at Gridline G-2	-1' FSG	2	9.3	124.1	99	95
330	Fill for footing overexcavation at Gridline G5-8	-1' FSG	2	9.8	123.5	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 13(1of5) — DATE: 3/21/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
331	Fill for footing overexcavation at Gridline G-9	-2' FSG	2	11.8	124.9	100	95
332	Fill for footing overexcavation at Gridline E-9	-2' FSG	2	9.8	126.1	100	95
333	Fill for footing overexcavation at Gridline B-9	-2' FSG	2	9.6	123.6	98	95
334	Fill for footing overexcavation at Gridline G-6	FSG	2	12.4	120.0	96	95
335	Fill for footing overexcavation at Gridline E-6	FSG	2	11.1	123.8	99	95
336	Fill for footing overexcavation at Gridline B-6	FSG	2	9.7	121.6	97	95
337	Fill for footing overexcavation at Gridline B-1	-2' FSG	2	11.6	122.2	97	95
338	Fill for footing overexcavation at Gridline E-1	-2' FSG	2	12.4	120.9	96	95
339	Fill for footing overexcavation at Gridline G-1	-2' FSG	2	11.7	125.4	100	95
340	Fill for footing overexcavation at Gridline G-2	-2' FSG	2	12.1	124.1	99	95
341	Fill for footing overexcavation at Gridline E-2	-2' FSG	2	13.7	123.7	99	95
342	Fill for footing overexcavation at Gridline B-2	-2' FSG	2	14.4	122.9	98	95
343	Fill for footing overexcavation at Gridline B-3	-2' FSG	2	12.6	124.0	99	95
344	Fill for footing overexcavation at Gridline E-3	-2' FSG	2	11.9	122.7	98	95
345	Fill for footing overexcavation at Gridline G-3	-2' FSG	2	11.0	121.5	97	95
346	Fill for footing overexcavation at Gridline B-9	-1' FSG	2	9.6	120.3	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Cloudy, raining, windy and cold

EQUIPMENT: 3 Earthmovers, 2 Blades, 2 Water Trucks, Steel Drum, Sheepsfoot Roller, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center CLIENT: McWhorter & Company, Inc.
Earthwork TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 13(2of5) DATE: 3/21
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
347	Fill for footing overexcavation at Gridline E-9	-1' FSG	2	11.2	121.6	97	95
348	Fill for footing overexcavation at Gridline G-9	-1' FSG	2	11.9	123.1	98	95
349	Fill for footing overexcavation at Gridline G-1	-1' FSG	2	11.1	126.6	101	95
350	Fill for footing overexcavation at Gridline E-1	-1' FSG	2	11.0	121.9	97	95
351	Fill for footing overexcavation at Gridline B-1	-1' FSG	2	10.8	120.3	96	95
352	Fill for footing overexcavation at Gridline B-2	-1' FSG	2	12.6	123.8	99	95
353	Fill for footing overexcavation at Gridline E-2	-1' FSG	2	11.5	122.0	97	95
354	Fill for footing overexcavation at Gridline G-2	-1' FSG	2	11.8	119.3	95	95
355	Fill for footing overexcavation at Gridline G-3	-1' FSG	2	9.5	124.8	99	95
356	Fill for footing overexcavation at Gridline E-3	-1' FSG	2	10.1	123.0	98	95
357	Fill for footing overexcavation at Gridline B-3	-1' FSG	2	10.3	122.1	97	95
358	Fill for footing overexcavation at Gridline B-4	FSG	2	11.7	124.6	99	95
359	Fill for footing overexcavation at Gridline E-4	FSG	2	12.4	125.2	100	95
360	Fill for footing overexcavation at Gridline G-4	FSG	2	11.2	125.0	100	95
361	Fill for footing overexcavation at Gridline G-5	FSG	2	14.5	123.7	99	95
362	Fill for footing overexcavation at Gridline E-5	FSG	2	10.2	122.6	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 13(3of5)
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 3/21/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
363	Fill for footing overexcavation at Gridline B-5	FSG	2	12.3	123.0	98	95
364	Fill for footing overexcavation at Gridline B-7	FSG	2	11.7	122.5	98	95
365	Fill for footing overexcavation at Gridline E-7	FSG	2	12.3	123.7	99	95
366	Fill for footing overexcavation at Gridline G-7	FSG	2	13.6	124.8	99	95
367	Fill for footing overexcavation at Gridline G-8	FSG	2	13.3	125.1	100	95
368	Fill for footing overexcavation at Gridline G-9	FSG	2	14.1	123.9	99	95
369	Fill for footing overexcavation at Gridline E-9	FSG	2	12.8	124.2	99	95
370	Fill for footing overexcavation at Gridline B-9	FSG	2	12.4	119.8	95	95
371	Bottom of footing overexcavation at Gridline A-8	Natural Ground	2	9.2	120.5	96	95
372	Bottom of footing overexcavation at Gridline A-6	Natural Ground	2	8.7	124.3	99	95
373	Bottom of footing overexcavation at Gridline A-4	Natural Ground	2	9.4	122.3	97	95
374	Bottom of footing overexcavation at Gridline A-2	Natural Ground	2	11.0	121.6	97	95
375	Bottom of footing overexcavation at Gridline A-8	-3' FSG	2	11.0	119.2	95	95
376	Bottom of footing overexcavation at Gridline A-6	-3' FSG	2	14.3	121.6	97	95
377	Bottom of footing overexcavation at Gridline A-4	-3' FSG	2	11.5	118.8	95	95
378	Bottom of footing overexcavation at Gridline A-2	-3' FSG	2	11.0	119.3	95	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 13(4of5) — DATE: 3/21/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
379	Fill for footing overexcavation at Gridline G-3	FSG	2	11.7	123.8	99	95
380	Fill for footing overexcavation at Gridline E-3	FSG	2	12.3	121.6	97	95
381	Fill for footing overexcavation at Gridline B-3	FSG	2	10.3	124.3	99	95
382	Fill for footing overexcavation at Gridline B-2	FSG	2	11.9	124.0	99	95
383	Fill for footing overexcavation at Gridline E-2	FSG	2	12.4	122.8	98	95
384	Fill for footing overexcavation at Gridline G-2	FSG	2	12.6	119.7	95	95
385	Fill for footing overexcavation at Gridline G-1	FSG	2	11.8	125.6	100	95
386	Fill for footing overexcavation at Gridline E-1	FSG	2	9.6	121.1	96	95
387	Fill for footing overexcavation at Gridline B-1	FSG	2	14.3	120.0	96	95
388	Fill for footing overexcavation at Gridline A-8	-2' FSG	2	10.7	120.4	96	95
389	Fill for footing overexcavation at Gridline A-6	-2' FSG	2	12.2	121.8	97	95
390	Fill for footing overexcavation at Gridline A-4	-2' FSG	2	14.3	119.9	96	95
391	Fill for footing overexcavation at Gridline A-2	-2' FSG	2	11.8	119.9	96	95
392	Fill for footing overexcavation at Gridline A-8	-1' FSG	2	12.6	124.7	99	95
393	Fill for footing overexcavation at Gridline A-6	-1' FSG	2	13.1	122.6	98	95
394	Fill for footing overexcavation at Gridline A-4	-1' FSG	2	11.8	121.5	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 13(5of5) — DATE: 3/21/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
395	Fill for footing overexcavation at Gridline A-7	-1' FSG	2	10.2	122.2	97	95
396	Fill for footing overexcavation at Gridline A-8	FSG	2	11.6	121.0	96	95
397	Fill for footing overexcavation at Gridline A-6	FSG	2	11.1	122.7	98	95
398	Fill for footing overexcavation at Gridline A-4	FSG	2	9.6	119.3	95	95
399	Fill for footing overexcavation at Gridline A-2	FSG	2	12.6	122.9	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 14 — DATE: 3/22/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
400	Fill at bottoom of channel, 30' W of Gridline 6	-6' FSG	2	8.8	118.8	95	95
401	Fill at bottoom of channel, Gridline 5	-7' FSG	2	9.3	119.4	95	95
402	Fill at bottoom of channel, Gridline 4	-8' FSG	2	8.9	118.9	95	95
403	Fill at bottoom of channel, Gridline 3	-8' FSG	2	14.1	120.2	96	95
404	Fill at bottoom of channel, Gridline 2	-9' FSG	2	14.4	120.7	96	95
405	Fill for undeveloped area 100' N of channel, on Gridline 6	-1' FSG	2	13.2	125.8	100	100
406	Fill for undeveloped area 100' N of channel, on Gridline 5	-4' FSG	2	11.6	122.6	98	95
407	Fill for undeveloped area 100' N of channel, on Gridline 4	-5' FSG	2	10.4	120.4	96	95
408	Fill for undeveloped area 100' N of channel, on Gridline 3	-7' FSG	2	8.6	123.2	98	95
409	Fill for undeveloped area 50' N of channel, on Gridline 2	-10' FSG	2	9.3	121.0	96	95
410	Fill at bottom of channel, 30' W of Gridline 6	-5' FSG	2	10.6	124.7	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Cloudy with scattered showers, cool and windy

EQUIPMENT: 3 Earthmovers, 2 Water Trucks, Sheepsfoot Roller, Steel Drum, 2 Blades, Roller

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 15 — DATE: 3/23/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
411	Fill at undeveloped area 50' N of channel on Gridline 2	-9' FSG	4	7.5	124.3	98	95
412	Fill at undeveloped area 50' N of channel on Gridline 3	-8' FSG	2	11.5	119.7	95	95
413	Fill at undeveloped area 50' N of channel on Gridline 4	-6' FSG	2	12.6	121.4	97	95
414	Fill at undeveloped area 50' N of channel on Gridline 5	-3' FSG	2	12.9	119.4	95	95
415	Fill at undeveloped area 50' N of channel on Gridline 6	-2' FSG	2	11.4	124.0	99	95
416	Fill at undeveloped area 100' N of channel on Gridline 5	-3' FSG	2	12.7	120.5	96	95
417	Fill at undeveloped area 100' N of channel on Gridline 4	-4' FSG	2	9.4	119.3	95	95
418	Fill at undeveloped area 100' N of channel on Gridline 3	-6' FSG	4	9.5	121.3	95	95
419	Fill at undeveloped area 100' N of channel on Gridline 2	-8' FSG	4	8.7	122.9	96	95
420	Fill at undeveloped area 200' N of channel on Gridline 5	-2.5' FSG	4	9.4	123.0	97	95
421	Fill at undeveloped area 200' N of channel on Gridline 4	-4' FSG	4	10.1	121.2	95	95
422	Fill at undeveloped area 200' N of channel on Gridline 3	-5' FSG	2	13.0	120.9	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Cloudy, warm and breezy

EQUIPMENT: 3 Earthmovers, 2 Water Trucks, Sheepsfoot Roller, Steel Drum, 2 Blades

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 16(1of2) — DATE: 3/24/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
423	Fill for undeveloped area 100' N of channel on Gridline 5	-2' FSG	4	7.3	123.6	97	95
424	Fill for undeveloped area 100' N of channel on Gridline 4	-3' FSG	4	8.8	122.5	96	95
425	Fill for undeveloped area 100' N of channel on Gridline 3	-4.5' FSG	2	8.7	120.6	96	95
426	Fill for undeveloped area 100' N of channel on Gridline 2	-5.5' FSG	2	8.7	120.2	96	95
427	Fill at bottom of channel at 40' W of Gridline 6	-2.5' FSG	2	9.4	119.0	95	95
428	Fill at bottom of channel on Gridline 5	-5' FSG	4	7.1	123.0	97	95
429	Fill at bottom of channel on Gridline 4	-6' FSG	4	7.1	120.7	95	95
430	Fill at bottom of channel on Gridline 3	-7' FG	4	7.7	121.3	95	95
431	Fill at bottom of channel at on Gridline 2	-7.5' FSG	4	7.3	122.7	96	95
432	Fill for undeveloped area 100' N of channel on Gridline 5	-1' FSG	2	11.7	125.3	100	95
433	Fill for undeveloped area 100' N of channel on Gridline 4	-2' FSG	2	9.6	120.8	96	95
434	Fill for undeveloped area 100' N of channel on Gridline 3	-3.5' FSG	4	8.1	127.3	100	100
435	Fill for undeveloped area 100' N of channel on Gridline 2	-4.5' FSG	2	9.8	122.7	98	95
436	Fill at bottom of channel at 30' W of Gridline 6	-1.5' FSG	2	9.7	126.3	101	100
437	Fill at bottom of channel at Gridline 5	-4' FSG	2	12.7	124.1	99	95
438	Fill at bottom of channel at Gridline 4	-5' FSG	2	10.1	120.3	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Clear and cool

EQUIPMENT: 3 Earthmovers, 2 Blades, 2 Water Trucks, Sheepsfoot Roller, Steel Drum, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 16(2of2) — DATE: 3/24/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
439	Fill at bottom of channel at Gridline 3	-6' FSG	2	9.2	120.3	96	95
440	Fill at bottom of channel at Gridline 2	-6.5' FSG	2	9.0	124.5	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Enrico Rubio
PROJECT NO.: 00-2-150 — REPORT NO.: 17 — DATE: 3/25/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
441	Far W end of site, 40' E of manhole	Natural Ground	2	8.4	119.5	95	95
442	Far W end of site, 40' E of manhole	-9' FSG	2	9.1	119.6	95	95
443	Far W end of site, 35' E of manhole	-8.5' FSG	2	8.0	120.3	96	95
444	Far W end of site, 25' E of manhole	-8' FSG	2	8.3	118.9	95	95
445	Far W end of site, 40' E of manhole	-7' FSG	2	9.4	121.4	97	95
446	Far W end of site, 50' E of manhole	-6' FSG	2	9.8	118.7	95	95
447	Far W end of site, 35' E of manhole	-5' FSG	2	9.4	118.6	95	95
448	Gridline 6, 40' W	-1.5' FSG	2	9.5	119.3	95	95
449	Gridline 5, 30' W	-3' FSG	2	8.1	119.5	95	95
450	Gridline 4, 30' W	-4' FSG	2	9.3	120.4	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Clear and warm, 60-65 degrees F

EQUIPMENT: Grader, 4 Scrapers, Roller, 2 Water Wagons

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 18(1of4)
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Frank Avalos
DATE: 3/27/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
451	Footing at Gridline 2 x Gridline H	-2' FSG	2	10.2	119.7	95	95
452	Footing at Gridline 2 x Gridline J	-2' FSG	2	10.9	120.6	96	95
453	Footing at Gridline 3 x Gridline H	-2' FSG	2	10.0	119.5	95	95
454	Footing at Gridline 3 x Gridline J	-2' FSG	2	10.6	121.8	97	95
455	Footing at Gridline 4 x Gridline H	-2' FSG	2	10.9	119.8	95	95
456	Footing at Gridline 4 x Gridline J	-2' FSG	2	10.2	120.2	96	95
457	Footing at Gridline 2 x Gridline M	-4' FSG	2	10.6	123.4	98	95
458	Footing at Gridline 3 x Gridline M	-4' FSG	2	10.2	119.5	95	95
459	Footing at Gridline 4 x Gridline M	-4' FSG	2	10.5	122.1	97	95
460	Pad at Gridline 6 x Gridline G	-1.5' FSG	2	11.4	123.8	99	95
461	Pad at Gridline 6 x Gridline C	-1.5' FSG	2	10.8	123.6	98	95
462	Pad at Gridline 2 x Gridline C	-1.5' FSG	2	10.6	123.4	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: 65 degrees F

EQUIPMENT: Drum Roller, Blade

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 18(2of4) — DATE: 3/27/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
463	Footing at Gridline 5 x Gridline H	-3' FSG	2	10.9	119.6	95	95
464	Footing at Gridline 5 x Gridline J	-3' FSG	2	10.2	119.2	95	95
465	Footing at Gridline 6 x Gridline H	-3' FSG	2	11.2	120.8	96	95
466	Footing at Gridline 6 x Gridline J	-3' FSG	2	10.5	121.5	97	95
467	Footing at Gridline 2 x Gridline M	-5' FSG	2	11.5	122.2	97	95
468	Footing at Gridline 3 x Gridline M	-5' FSG	2	10.9	120.5	96	95
469	Footing at Gridline 4 x Gridline M	-5' FSG	2	10.5	119.8	95	95
470	Footing at Gridline 5 x Gridline L	-5' FSG	2	10.2	119.5	95	95
471	Footing at Gridline 6 x Gridline L	-5' FSG	2	11.1	120.8	96	95
472	Footing at Gridline 7 x Gridline L	-5' FSG	2	10.6	120.5	96	95
473	Footing at Gridline 5 x Gridline H	-2' FSG	2	10.9	119.0	95	95
474	Footing at Gridline 5 x Gridline J	-2' FSG	2	11.2	119.5	95	95
475	Footing at Gridline 6 x Gridline H	-2' FSG	2	11.6	121.2	97	95
476	Footing at Gridline 6 x Gridline J	-2' FSG	2	10.2	119.3	95	95
477	Gridline Line 5 x Gridline M	-2' FSG	2	10.9	121.5	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 18(3of4) — DATE: 3/27/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
478	Footing at Gridline 5 x Gridline H	-4' FSG	2	10.0	119.5	95	95
479	Footing at Gridline 5 x Gridline J	-4' FSG	2	10.5	121.9	97	95
480	Pad at Gridline 5.5 x Gridline J	-3' FSG	2	11.2	119.6	95	95
481	Footing at Gridline 6 x Gridline H	-4' FSG	2	10.6	119.8	95	95
482	Footing at Gridline 6 x Gridline J	-4' FSG	2	10.8	121.4	97	95
483	Pad at Gridline 6.5 x Gridline H	-2.5' FSG	2	11.7	123.1	98	95
484	Pad at Gridline 2 x Gridline C	-1.5' FSG	2	12.7	123.8	99	95
485	Pad at Gridline 6 x Gridline C	-1.5' FSG	2	10.8	123.4	98	95
486	Pad at Gridline 2 x Gridline G	-1.5' FSG	2	10.5	123.2	98	95
487	Footing at Gridline 6 x Gridline G	-1.5' FSG	2	10.6	123.3	98	95
488	Footing at Gridline 2 x Gridline H	-3' FSG	2	10.7	122.8	98	95
489	Footing at Gridline 2 x Gridline J	-3' FSG	2	10.2	121.5	97	95
490	Footing at Gridline 3 x Gridline H	-3' FSG	2	10.5	119.6	95	95
491	Footing at Gridline 3 x Gridline J	-3' FSG	2	10.8	121.2	97	95
492	Footing at Gridline 4 x Gridline H	-3' FSG	2	10.7	122.1	97	95
493	Footing at Gridline 4 x Gridline J	-3' FSG	2	10.0	120.8	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 18(4of4) — DATE: 3/27/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
494	Footing at Gridline 1 x Gridline H	-5' FSG	2	9.2	119.5	95	95
495	Footing at Gridline 1 x Gridline J	-5' FSG	2	9.8	118.7	95	95
496	Footing at Gridline 1 x Gridline K	-5' FSG	2	10.5	118.9	95	95
497	Pad at Gridline 1.5 x Gridline J	-2.5' FSG	2	10.9	122.1	97	95
498	Footing at Gridline 2 x Gridline H	-2.5' FSG	2	10.0	121.5	97	95
499	Footing at Gridline 2 x Gridline J	-4' FSG	2	10.7	120.1	96	95
500	Pad at Gridline 2.5 x Gridline H	-4' FSG	2	10.9	119.8	95	95
501	Pad at Gridline 2.5 x Gridline J	-2.5' FSG	2	11.0	120.0	96	95
502	Pad at Gridline 2.5 x Gridline J	-2.5' FSG	2	10.8	121.4	97	95
503	Footing at Gridline 3 x Gridline H	-4' FSG	2	10.8	121.2	97	95
504	Footing at Gridline 3 x Gridline J	-4' FSG	2	10.2	120.8	96	95
505	Pad at Gridline 3.5 x Gridline H	-2.5' FSG	2	10.0	123.0	98	95
506	Pad at Gridline 3.5 x Gridline J	-2.5' FSG	2	10.9	122.2	97	95
507	Footing at Gridline 4 x Gridline H	-4' FSG	2	10.4	122.4	98	95
508	Footing at Gridline 4 x Gridline J	-4' FSG	2	11.5	121.7	97	95
509	Pad at Gridline 4.5 x Gridline H	Natural Ground	2	10.5	122.3	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 19(1of5) — DATE: 3/28/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
510	Footing at Gridline 9 x Gridline 6	-4' FSG	2	11.6	119.7	95	95
511	Footing at Gridline 9 x Gridline J	-3' FSG	2	10.0	119.5	95	95
512	Footing at Gridline 9 x Gridline L	-3' FSG	2	10.7	120.6	96	95
513	Footing at Gridline 7 x Gridline J	-1' FSG	2	10.4	119.8	95	95
514	Footing at Gridline 8 x Gridline J	-1' FSG	2	10.8	120.2	96	95
515	Footing at Gridline 7 x Gridline L	-1' FSG	2	10.2	119.4	95	95
516	Footing at Gridline 8 x Gridline L	-1' FSG	2	11.4	119.2	95	95
517	Pad at Gridline 2 x Gridline J	-2' FSG	2	10.6	120.7	96	95
518	Pad at Gridline 3 x Gridline J	-2' FSG	2	11.4	119.4	95	95
519	Pad at Gridline 4 x Gridline J	-2' FSG	2	10.8	118.6	95	95
520	Pad at Gridline 5 x Gridline J	-2' FSG	2	10.2	119.5	95	95
521	Footing at Gridline 1 x Gridline J	-4' FSG	2	10.5	122.4	98	95
522	Footing at Gridline 1 x Gridline L	-4' FSG	2	10.3	119.5	95	95
523	Pad at Gridline 5 x Gridline L	-2' FSG	2	11.4	120.4	96	95
524	Pad at Gridline 4 x Gridline L	-2' FSG	2	10.7	119.0	95	95
525	Pad at Gridline 3 x Gridline L	-2' FSG	2	11.1	119.3	95	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Cloudy and breezy, 56 degrees F

EQUIPMENT: Blade, Scrapers, Water Truck, Drum Roller, Sheepsfoot Roller

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 19(2of5) — DATE: 3/28/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
526	Loading dock, footing at Gridline 7 x Gridline L	-3' FSG	2	11.2	120.2	96	95
527	Loading dock, footing at Gridline 8 x Gridline L	-3' FSG	2	11.8	119.5	95	95
528	Loading dock, footing at Gridline 7 x Gridline J	-3' FSG	2	10.9	119.8	95	95
529	Loading dock, footing at Gridline 8 x Gridline J	-2' FSG	2	10.2	119.2	95	95
530	Loading dock, footing at Gridline 7 x Gridline J	-2' FSG	2	10.5	121.1	96	95
531	Loading dock, footing at Gridline 8 x Gridline L	-2' FSG	2	10.8	120.6	96	95
532	Loading dock, footing at Gridline 7 x Gridline L	-2' FSG	2	10.4	119.7	95	95
533	Footing at Gridline 9 x Gridline J	-8' FSG	2	10.6	119.8	95	95
534	Footing at Gridline 9 x Gridline L	-8' FSG	2	11.1	121.5	97	95
535	Footing at Gridline 9 x Gridline J	-7' FSG	2	11.6	120.1	96	95
536	Footing at Gridline 9 x Gridline L	-7' FSG	2	10.4	119.6	95	95
537	Footing at Gridline 9 x Gridline J	-6' FSG	2	10.9	119.4	95	95
538	Footing at Gridline 9 x Gridline L	-6' FSG	2	10.6	121.1	96	95
539	Footing at Gridline 9 x Gridline J	-5' FSG	2	11.5	121.8	97	95
540	Footing at Gridline 9 x Gridline L	-5' FSG	2	10.4	119.2	95	95
541	Footing at Gridline 9 x Gridline J	-4' FSG	2	10.8	120.3	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 19(3of5) — DATE: 3/28/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
542	Staging area, 50' N x 20' S of SW corner, grading adjustment	-1.5' FSG	4	8.5	127.7	100	95
543	Staging area, 40' N x 20' W of SE corner, grading adjustment	-1.5' FSG	4	7.9	127.6	100	95
544	Footing Gridline 7 x Gridline Z	-6' FSG	2	10.2	118.9	95	95
545	Footing Gridline 7 x Gridline J	-6' FSG	2	10.5	119.2	95	95
546	Footing Gridline 8 x Gridline L	-6' FSG	2	11.2	119.8	95	95
547	Footing at Gridline 8 x Gridline J	-6' FSG	2	10.9	120.2	96	95
548	Footing at Gridline 1 x Gridline J	-5' FSG	2	10.4	122.4	98	95
549	Footing at Gridline 7 x Gridline L	-5' FSG	2	10.9	122.1	97	95
550	Footing at Gridline 8 x Gridline J	-5' FSG	2	11.2	119.7	95	95
551	Footing at Gridline 8 x Gridline L	-5' FSG	2	10.4	119.2	95	95
552	Footing at Gridline 7 x Gridline J	-5' FSG	2	10.9	120.5	96	95
553	Footing at Gridline 8 x Gridline L	-4' FSG	2	10.2	119.4	95	95
554	Footing at Gridline 7 x Gridline J	-4' FSG	2	10.5	121.2	97	95
555	Footing at Gridline 8 x Gridline J	-4' FSG	2	11.2	120.1	96	95
556	Footing at Gridline 7 x Gridline L	-4' FSG	2	10.9	120.8	96	95
557	Footing at Gridline 8 x Gridline J	-3' FSG	2	11.5	121.4	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 19(4of5) — DATE: 3/28/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
558	Footing at Gridline 2 x Gridline H	-1' FSG	2	10.5	119.9	96	95
559	Footing at Gridline 2 x Gridline J	-1' FSG	2	10.2	119.8	95	95
560	Footing at Gridline 3 x Gridline H	-1' FSG	2	10.9	121.8	97	95
561	Footing at Gridline 3 x Gridline J	-1' FSG	2	10.4	119.6	95	95
562	Footing at Gridline 4 x Gridline H	-1' FSG	2	11.8	120.3	96	95
563	Footing at Gridline 4 x Gridline J	-1' FSG	2	12.2	121.7	97	95
564	Footing at Gridline 5 x Gridline H	-1' FSG	2	10.1	122.0	97	95
565	Footing at Gridline 5 x Gridline J	-1' FSG	2	10.9	119.7	95	95
566	Footing at Gridline 6 x Gridline H	-1' FSG	2	10.5	119.5	95	95
567	Footing at Gridline 6 x Gridline J	-1' FSG	2	11.2	120.2	96	95
568	Footing at Gridline 7 x Gridline L, loading dock	-7' FSG	2	10.8	121.5	97	95
569	Footing at Gridline 4 x Gridline L, loading dock	-7' FSG	2	10.9	119.5	95	95
570	Footing at Gridline 7 x Gridline J, loading dock	-7' FSG	2	10.0	119.8	95	95
571	Footing at Gridline 8 x Gridline J, loading dock	-7' FSG	2	10.5	118.6	95	95
572	SW corner of staging area, grading adjustment	-1.5' FSG	4	7.9	130.4	102	100
573	SE corner of staging area, grading adjustment	-1.5' FSG	4	8.2	127.9	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 19(5of5) — DATE: 3/28/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
574	Footing at Gridline 9 x Gridline J	-2' FSG	2	10.8	119.6	95	95
575	Footing at Gridline 9 x Gridline L	-2' FSG	2	10.5	119.2	95	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 20(1of3) — DATE: 3/29/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
576	Fill for footing overexcavation at 24' N of Gridline J24-1	-3' FSG	2	10.6	125.1	100	95
577	Fill for footing overexcavation at 24' N of Gridline F33-1	-3' FSG	2	9.9	125.0	100	95
578	Fill for footing overexcavation at 24' N of Gridline D-1	-3' FSG	2	9.7	124.6	99	95
579	Fill for footing overexcavation at 24' N of Gridline B-1	-3' FSG	2	9.6	118.6	95	95
580	Fill for footing overexcavation at 24' N of Gridline J24-1	-2' FSG	4	8.1	125.1	98	95
581	Fill for footing overexcavation at 24' N of Gridline F33-1	-2' FSG	4	9.3	126.4	99	95
582	Fill for footing overexcavation at 24' N of Gridline D-1	-2' FSG	2	10.5	119.3	95	95
583	Fill for footing overexcavation at 24' N of Gridline B-1	-2' FSG	2	10.8	118.9	95	95
584	Fill for footing overexcavation at 24' N of Gridline J24-1	-1' FSG	2	11.7	126.8	101	95
585	Fill for footing overexcavation at 24' N of Gridline F33-1	-1' FSG	2	8.8	120.7	96	95
586	Fill for footing overexcavation at 24' N of Gridline D-1	-1' FSG	4	8.6	121.4	95	95
587	Fill for footing overexcavation at 24' N of Gridline B-1	-1' FSG	4	7.6	124.0	97	95
	***Contractor ran into landfull debris directly under the stage are in parking lot. Contractor will dig down until all debris is removed and hauled off of the site.**						

Proctor Test Utilized

Proctor No	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Cloudy and cool

EQUIPMENT: 3 Earthmovers, Sheepsfoot Roller, SteelDrum, 2 Water Trucks, Blade, Roller

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 20(2of3) — DATE: 3/29/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
588	Building pad fill at Gridline C-1.5	-1' FSG	4	8.0	127.1	100	100
589	Building pad fill at Gridline C-2.5	-1' FSG	4	8.9	128.3	101	100
590	Building pad fill at Gridline C-3.5	-1' FSG	2	11.9	126.2	101	100
591	Building pad fill at Gridline C-4.5	-1' FSG	2	12.5	126.0	100	100
592	Building pad fill at Gridline C-5.5	-1' FSG	4	8.1	127.0	100	100
593	Building pad fill at Gridline C-6.5	-1' FSG	4	6.3	127.9	100	100
594	Building pad fill at Gridline C-8	-1' FSG	2	12.7	128.3	102	100
595	Building pad fill at Gridline K-1.5	-2.5' FSG	2	10.5	118.7	95	95
596	Building pad fill at Gridline M-1.5	Natural Ground	2	10.3	123.5	98	95
597	Building pad fill at Gridline N.5-1.5	Natural Ground	2	11.7	122.3	97	95
598	Building pad fill at Gridline K-2.5	-2.5' FSG	2	9.9	126.4	101	95
599	Building pad fill at Gridline M-2.5	Natural Ground	2	13.8	121.7	97	95
600	Building pad fill at Gridline N.5-2.5	Natural Ground	2	9.5	122.6	98	95
601	Building pad fill at Gridline K-3.5	-2.5' FSG	2	9.0	120.6	96	95
602	Building pad fill at Gridline M-3.5	Natural Ground	2	8.7	122.7	98	95
603	Building pad fill at Gridline N.5-3.5	Natural Ground	2	10.3	125.5	100	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 20(3of3) — DATE: 3/29/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
604	Building pad fill at Gridline K-4.5	-2' FSG	2	10.0	119.4	95	95
605	Building pad fill at Gridline M-4.5	Natural Ground	2	8.6	121.3	97	95
606	Building pad fill at Gridline N.5-4.5	Natural Ground	2	10.7	123.9	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 21(1of4) — DATE: 3/30/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
607	Building pad fill at Gridline K-5.5	-2.5' FSG	2	9.7	124.3	99	95
608	Building pad fill at Gridline M-5.5	Natural Ground	2	10.4	120.5	96	95
609	Building pad fill at Gridline N.5-5.5	Natural Ground	2	11.7	127.0	101	95
610	Building pad fill at Gridline K-6.5	-2.5' FSG	2	8.6	126.0	100	95
611	Building pad fill at Gridline M-6.5	Natural Ground	4	6.5	130.2	102	95
612	Building pad fill at Gridline N.5-6.5	Natural Ground	2	8.7	118.8	95	95
613	Building pad fill at Gridline K-8	-2.5' FSG	4	7.9	128.1	101	95
614	Building pad fill at Gridline M-8	Natural Ground	2	11.8	123.8	99	95
615	Fill for footing overexcavation at Gridline J24-1	FSG	2	11.6	123.7	99	95
616	Fill for footing overexcavation at Gridline F33-1	FSG	2	10.6	125.1	100	95
617	Fill for footing overexcavation at Gridline D-1	FSG	2	9.3	119.3	95	95
618	Fill for footing overexcavation at Gridline B-1	FSG	2	9.9	122.2	97	95
619	Building pad fill at Gridline E-1.5	-1' FSG	2	9.5	124.9	100	100
620	Building pad fill at Gridline E-2.5	-1' FSG	2	12.3	125.8	100	100
621	Building pad fill at Gridline E-3.5	-1' FSG	2	10.4	126.7	101	100
622	Building pad fill at Gridline E-4.5	-1' FSG	2	8.9	126.3	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Cloudy and cool

EQUIPMENT: 3 Scrapers, Sheepsfoot Roller, Blade, Water Truck, Drum, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 21(2of4) — DATE: 3/30/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
623	Building pad fill at Gridline E-5.5	-1' FSG	2	10.6	124.9	100	100
624	Building pad fill at Gridline E-6.5	-1' FSG	4	7.3	129.6	102	100
625	Building pad fill at Gridline E-8	-1' FSG	4	8.6	130.1	102	100
626	Bottom of footing overexcavation at Gridline P-1.25	Natural Ground	4	10.1	126.3	99	95
627	Bottom of footing overexcavation at Gridline N-3	Natural Ground	1	11.2	121.7	101	95
628	Bottom of footing overexcavation at Gridline N-1.5	Natural Ground	1	9.1	123.3	103	95
629	Bottom of footing overexcavation on E-most footing line at Point 1	Natural Ground	1	10.1	121.2	101	95
630	Bottom of footing overexcavation on E-most footing line at Point 3	Natural Ground	1	10.7	122.0	102	95
631	Bottom of footing overexcavation on E-most footing line at Point 5	Natural Ground	1	9.6	121.2	101	95
632	Bottom of footing overexcavation on E-most footing line at Point 7	Natural Ground	1	12.7	117.0	98	95
633	Fill for footing overexcavation on E-most footing line at Point 1	-2' FSG	2	11.4	119.6	95	95
634	Fill for footing overexcavation on E-most footing line at Point 3	-2' FSG	2	9.9	123.5	98	95
635	Fill for footing overexcavation on E-most footing line at Point 5	-2' FSG	2	9.7	121.6	97	95
636	Fill for footing overexcavation on E-most footing line at Point 7	-2' FSG	2	10.9	122.1	97	95
637	Fill for footing overexcavation at Gridline N-1.5	-3' FSG	2	9.5	122.1	97	95
638	Fill for footing overexcavation at Gridline N-3	-3' FSG	2	11.7	120.9	96	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
1	Parking lot fill, natural ground from E side	11.5	120.0	Poorly graded SAND with silt
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 21(3of3) — DATE: 3/30/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
639	Fill for footing overexcavation at Gridline N-1.5	-2' FSG	2	9.3	119.9	96	95
640	Fill for footing overexcavation at Gridline N-3	-2' FSG	2	8.7	125.2	100	95
641	Fill for footing overexcavation at Gridline P-1.25	-3' FSG	2	8.7	121.8	97	95
642	Fill for footing overexcavation on E-most footing at Point 1	-1' FSG	2	8.9	118.8	95	95
643	Fill for footing overexcavation on E-most footing at Point 3	-1' FSG	2	8.9	121.3	97	95
644	Fill for footing overexcavation on E-most footing at Point 5	-1' FSG	2	10.6	122.8	98	95
645	Fill for footing overexcavation on E-most footing at Point 7	-1' FSG	2	11.6	124.9	100	95
646	Fill for footing overexcavation at Gridline P-1.25	-2' FSG	2	12.7	122.2	97	95
647	Fill for footing overexcavation at Gridline N-3	-1' FSG	2	11.6	125.4	100	95
648	Fill for footing overexcavation at Gridline N-1.5	-1' FSG	2	10.4	124.7	99	95
649	Fill for footing overexcavation on E-most footing at Point 1	FSG	2	12.6	123.8	99	95
650	Fill for footing overexcavation on E-most footing at Point 3	FSG	2	11.7	124.2	99	95
651	Fill for footing overexcavation on E-most footing at Point 5	FSG	2	8.7	119.8	95	95
652	Fill for footing overexcavation on E-most footing at Point 7	FSG	2	9.2	123.9	99	95
653	Fill for footing overexcavation at Gridline N-3	FSG	2	11.6	125.8	100	95
654	Fill for footing overexcavation at Gridline N-1.5	FSG	2	12.7	127.2	101	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 21(4of4) — DATE: 3/30/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
655	Fill for footing overexcavatoin at Gridline P-1.25	-1' FSG	2	10.2	125.8	100	95
656	Fill for footing overexcavatoin at Gridline P-1.25	FSG	2	9.4	128.4	102	95
657	Building pad fill at Gridline G-1.5	-1' FSG	2	12.7	127.4	102	100
658	Building pad fill at Gridline G-12.5	-1' FSG	2	11.4	126.6	101	100
659	Building pad fill at Gridline G-3.5	-1' FSG	2	13.9	126.0	100	100
660	Building pad fill at Gridline G-4.5	-1' FSG	2	12.1	125.2	100	100
661	Building pad fill at Gridline G-5.5	-1' FSG	2	11.6	128.1	102	100
662	Building pad fill at Gridline G-6.5	-1' FSG	2	10.7	126.4	101	100
663	Building pad fill at Gridline G-8	-1' FSG	2	13.8	125.9	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 22 — DATE: 3/31/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
664	Building pad fill at Gridline M-1.5	-3' FSG	2	11.6	128.5	102	95
665	Building pad fill at Gridline M-2.5	-3' FSG	2	12.2	124.6	99	95
666	Building pad fill at Gridline M-3.5	-3' FSG	2	10.7	119.9	96	95
667	Building pad fill at Gridline M-4.5	-3' FSG	2	9.8	123.4	98	95
668	Building pad fill at Gridline M-5.5	-3' FSG	2	10.9	121.7	97	95
669	Building pad fill at Gridline M-6.5	-3' FSG	2	11.6	123.8	99	95
670	Building pad fill at Gridline M-8	-3' FSG	2	13.2	125.7	100	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Very windy, cloudy and cool

EQUIPMENT: 3 Scrapers, 2 Blades, 2 Water Trucks, Loader, Sheepsfoot Roller, Steel Drum

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Enrico Rubio
PROJECT NO.: 00-2-150 — REPORT NO.: 23 — DATE: 4/01/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
671	Gridline C-8	-.5' FSG	4	9.1	129.2	101	100
672	Gridline E-5.5	-.5' FSG	4	10.7	128.0	100	100
673	Gridline E-3.5	-.5' FSG	4	9.8	128.7	101	100
674	Gridline C-1.5	-.5' FSG	4	9.1	127.5	100	100
675	Gridline K-2.5	-.5' FSG	4	10.7	127.8	100	100
676	Gridline K-6.5	-.5' FSG	4	9.8	127.5	100	100
677	Gridline G-2.5	-.5' FSG	4	9.1	131.8	103	100
678	Gridline M-3.5	-.5' FSG	4	10.3	129.9	102	100
679	NE corner of building at garden area	Natural Ground	4	9.4	129.6	102	100
680	SE corner of building at garden area	Natural Ground	4	10.1	130.1	102	100
681	NE corner of building at garden area	-4' FSG	4	10.7	128.2	101	100
682	SE corner of building at garden area	-4' FSG	4	9.8	128.0	100	100
683	NE corner of building at garden area	-3' FSG	4	10.6	129.4	102	100
684	SE corner of building at garden area	-3' FSG	4	10.3	129.5	102	100
685	NE corner of building at garden area	-2' FSG	4	10.4	129.2	101	100
686	SE corner of building at garden area	-2' FSG	4	10.5	128.1	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Cloudy and cool, 45-55 degrees F

EQUIPMENT: 2 Graders, 4 Scrapers, 2 Rollers, 2 Water Wagons

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 24(1of4) — DATE: 4/3/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
687	Fill for footing overexcavation at NE corner of garden center	-1' FSG	2	11.1	123.7	99	95
688	Fill for footing overexcavation at SE corner of garden center	-1' FSG	2	12.2	124.2	99	95
689	Building pad fill at Gridline N.5-1.5	-4' FSG	2	9.7	125.3	100	95
690	Building pad fill at Gridline N.5-2.5	-4' FSG	2	11.2	123.3	98	95
691	Building pad fill at Gridline N.5-3.5	-4' FSG	2	12.6	121.6	97	95
692	Building pad fill at Gridline N.5-4.5	-4' FSG	2	9.3	120.4	96	95
693	Building pad fill at Gridline N.5-5.5	-4' FSG	2	8.7	126.1	100	95
694	Building pad fill at Gridline N.5-6.5	-4' FSG	2	9.6	119.9	96	95
695	Building pad fill at Gridline N.5-8	-4' FSG	2	9.1	122.1	97	95
696	Fill for footing overexcavation at NE corner of garden center	FSG	2	11.3	124.3	99	95
697	Fill for footing overexcavation at SE corner of garden center	FSG	2	12.6	122.4	98	95
698	Building pad fill at Gridline N.5-1.5	-3' FSG	4	6.7	123.7	97	95
699	Building pad fill at Gridline N.5-2.5	-3' FSG	4	8.4	129.1	101	95
700	Building pad fill at Gridline N.5-3.5	-3' FSG	2	11.6	123.1	98	95
701	Building pad fill at Gridline N.5-4.5	-3' FSG	2	12.6	122.2	97	95
702	Building pad fill at Gridline N.5-5.5	-3' FSG	4	6.7	124.3	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Clear and warm

EQUIPMENT: 3 Scrapers, 2 Blades, 2 Water Trucks, Sheepsfoot Roller, Steel Drum, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 24(2of4)
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 4/3/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
703	Building pad fill at Gridline N.5-6.5	-3' FSG	4	8.9	127.1	100	95
704	Building pad fill at Gridline N.5-8	-3' FSG	2	10.0	121.3	97	95
705	Building pad fill at Gridline K-8	-.5' FSG	4	8.1	128.6	101	100
706	Building pad fill at Gridline K-6.5	-.5' FSG	4	6.9	127.7	100	100
707	Building pad fill at Gridline K-5.5	-.5' FSG	4	7.7	129.4	102	100
708	Building pad fill at Gridline K-4.5	-.5' FSG	2	9.1	125.6	100	100
709	Building pad fill at Gridline K-3.5	-.5' FSG	4	7.2	127.0	100	100
710	Building pad fill at Gridline K-1.5	-.5' FSG	4	8.3	129.6	102	100
711	Building pad fill at Gridline M-1.5	-1' FSG	2	14.1	126.7	101	100
712	Building pad fill at Gridline M-2.5	-1' FSG	2	13.2	126.1	100	100
713	Building pad fill at Gridline M-4.5	-1' FSG	4	8.7	129.8	102	100
714	Building pad fill at Gridline M-5.5	-1' FSG	2	11.4	126.7	101	100
715	Building pad fill at Gridline M-6.5	-1' FSG	4	8.6	127.3	100	100
716	Building pad fill at Gridline M-8	-1' FSG	4	9.3	130.1	102	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 24(3of4) — DATE: 4/3/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
717	Bottom of N-most pit at stage area	Natural Ground	2	8.7	122.6	98	95
718	Fill for centermost pit at stage area	Natural Ground	2	9.3	121.7	97	95
719	Fill for S-most pit at stage area	Natural Ground	2	8.8	123.8	99	95
720	Fill for N-most pit at stage area	-3' FSG	2	8.5	124.7	99	95
721	Fill for centermost pit at stage area	-3' FSG	2	9.7	119.8	95	95
722	Fill for S-most pit at stage area	-3' FSG	2	9.0	126.3	101	95
723	Fill for N-most pit at stage area	-2' FSG	4	8.5	130.3	102	95
724	Fill for centermost pit at stage area	-2' FSG	2	8.7	119.1	95	95
725	Fill for S-most pit at stage area	-2' FSG	2	10.3	123.6	98	95
726	Fill for N-most pit at stage area	-1' FSG	2	11.6	125.2	100	100
727	Fill for centermost pit at stage area	-1' FSG	4	10.7	127.4	100	100
728	Fill for S-most pit at stage area	-1' FSG	2	9.7	126.1	100	100
729	Fill for N-most pit at stage area	FSG	4	9.0	129.3	101	100
730	Fill for centermost pit at stage area	FSG	2	9.8	125.9	100	100
731	Fill for S-most pit at stage area	FSG	4	9.7	129.1	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center
Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 24(4of4) DATE: 4/3/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
732	Building pad fill at Gridline N.5-1.5	-2' FSG	2	11.6	124.2	99	95
733	Building pad fill at Gridline N.5-2.5	-2' FSG	4	9.7	124.8	98	95
734	Building pad fill at Gridline N.5-3.5	-2' FSG	4	8.3	122.8	96	95
735	Building pad fill at Gridline N.5-4.5	-2' FSG	4	6.9	125.9	99	95
736	Building pad fill at Gridline N.5-5.5	-2' FSG	2	12.6	123.7	99	95
737	Building pad fill at Gridline N.5-6.5	-2' FSG	2	13.1	122.2	97	95
738	Building pad fill at Gridline N.5-8	-2' FSG	4	9.1	126.6	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 25(1if4) DATE: 4/4/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
739	Building pad fill at Gridline N.5-1.5	-1' FSG	2	9.7	127.2	101	100
740	Building pad fill at Gridline N.5-2.5	-1' FSG	2	11.6	126.7	101	100
741	Building pad fill at Gridline N.5-3.5	-1' FSG	2	10.3	125.2	100	100
742	Building pad fill at Gridline N.5-4.5	-1' FSG	2	12.2	125.5	100	100
743	Building pad fill at Gridline N.5-5.5	-1' FSG	2	12.4	127.1	101	100
744	Building pad fill at Gridline N.5-6.5	-1' FSG	2	11.7	126.9	101	100
745	Building pad fill at Gridline N.5-8	-1' FSG	2	10.8	124.9	100	100
746	Building pad fill at Gridline C-8	FSG	2	9.8	125.1	100	100
747	Building pad fill at Gridline C-6.5	FSG	2	9.5	126.4	101	100
748	Building pad fill at Gridline C-5.5	FSG	2	8.9	126.1	100	100
749	Building pad fill at Gridline C-4.5	FSG	2	11.0	124.9	100	100
750	Building pad fill at Gridline C-3.5	FSG	2	10.8	126.4	101	100
751	Building pad fill at Gridline C-2.5	FSG	4	8.5	127.1	100	100
752	Building pad fill at Gridline C-1.5	FSG	4	6.7	129.3	101	100
753	Building pad fill at Gridline E-1.5	FSG	2	9.9	125.8	100	100
754	Building pad fill at Gridline E-2.5	FSG	2	11.7	126.2	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Clear and warm

EQUIPMENT: 2 Scrapers, Loader, Sheepsfoot Roller, Steel Drum, Blade, Water Truck

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 25(2of4)
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 4/4/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
755	Building pad fill at Gridline E-3.5	FSG	4	9.0	128.8	101	100
756	Building pad fill at Gridline E-4.5	FSG	4	8.0	131.5	103	100
757	Building pad fill at Gridline E-5.5	FSG	2	11.2	125.6	100	100
758	Building pad fill at Gridline E-6.5	FSG	2	11.0	126.7	101	100
759	Building pad fill at Gridline E-8	FSG	4	7.6	128.3	101	100
760	Building pad fill at Gridline G-8	FSG	4	8.4	128.7	101	100
761	Building pad fill at Gridline G-6.5	FSG	4	7.4	127.6	100	100
762	Building pad fill at Gridline G-5.5	FSG	2	9.5	124.9	100	100
763	Building pad fill at Gridline G-4.5	FSG	2	9.0	127.2	101	100
764	Building pad fill at Gridline G-3.5	FSG	2	12.2	125.0	100	100
765	Building pad fill at Gridline G-2.5	FSG	2	11.1	126.6	101	100
766	Building pad fill at Gridline G-1.5	FSG	4	6.6	127.0	100	100
767	Building pad fill at Gridline K-1.5	FSG	4	9.1	128.6	101	100
768	Building pad fill at Gridline K-2.5	FSG	4	7.3	130.1	102	100
769	Building pad fill at Gridline K-3.5	FSG	2	9.8	125.0	100	100
770	Building pad fill at Gridline K-4.5	FSG	2	8.6	126.6	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 25(3of4)
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 4/4/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
771	Building pad fill at Gridline K-5.5	FSG	2	11.2	126.8	101	100
772	Building pad fill at Gridline K-6.5	FSG	2	10.0	125.7	100	100
773	Building pad fill at Gridline K-8	FSG	2	10.2	127.1	101	95
774	Bottom of footing overexcavation at Point C.9	Natural Ground	2	8.7	120.1	96	95
775	Bottom of concrete slab overexcavation at 25' N of Gridline C-1	Natural Ground	2	9.6	119.7	95	95
776	Fill for footing overexcavation at Point C-36	-8' FSG	2	10.0	120.7	96	95
777	Fill for footing overexcavation at 25' N of Gridline C-1	-3' FSG	2	11.4	124.3	99	95
778	Fill for footing overexcavation at Point B-10	-7' FSG	2	9.5	121.4	97	95
779	Fill for footing overexcavation at 25' N of Gridline C-1	-2' FSG	2	9.6	118.6	95	95
780	Fill for footing overexcavation at Point A-32	-6' FSG	2	9.2	123.4	98	95
781	Fill for footing overexcavation at Point C-9	-5' FSG	2	8.7	119.3	95	95
782	Fill for footing overexcavation at Point C-36	-4' FSG	2	8.5	119.5	95	95
783	Stage area at 50' SE of NW corner	FSG	4	9.2	130.8	103	100
784	Stage area at 100' E & 40' S of NW corner	FSG	4	7.6	130.2	102	100
785	Stage area at 50' SW of NE corner	FSG	4	7.9	128.6	101	100
786	Stage area at 50' N & 50' W of SE corner	FSG	2	10.7	125.4	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 25(4of4)
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 4/4/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
787	Stage area at 50' N & 100' W of SE corner	FSG	4	9.4	130.3	102	100
788	Stage area at 50' N & 30' E of SW corner	FSG	2	9.2	126.3	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 26 — DATE: 4/5/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
789	Fill for footing overexcavation at Point C-9	-2' FSG	2	10.6	126.1	100	95
790	Fill for concrete slab at 25' N of Gridline C-1	-1' FSG	2	8.7	125.2	100	100
791	Fill for footing overexcavation at Point B-10	-1' FSG	2	8.9	126.6	101	100
792	Fill for concrete slab at 25' N of Gridline C-1	FSG	2	12.5	127.5	102	100
793	Fill for footing overexcavation at Point C-9	FSG	2	12.2	127.2	101	100
794	Base course on building pad at Gridline C-1.5	Base Course Finish Grade	2	12.1	125.5	100	100
795	Base course on building pad at Gridline E-1.5	Base Course Finish Grade	2	12.4	125.4	100	100
796	Base course on building pad at Gridline G-1.5	Base Course Finish Grade	2	12.0	126.7	101	100
797	Base course on building pad at Gridline G-2.5	Base Course Finish Grade	2	10.0	127.1	101	100
798	Base course on building pad at Gridline E-2.5	Base Course Finish Grade	2	11.6	126.4	101	100
799	Base course on building pad at Gridline C-2.5	Base Course Finish Grade	2	9.7	125.4	100	100
800	Base course on building pad at Gridline C-3.5	Base Course Finish Grade	2	12.5	126.7	101	100
801	Base course on building pad at Gridline E-3.5	Base Course Finish Grade	2	11.6	127.3	101	100
802	Base course on building pad at Gridline G-3.5	Base Course Finish Grade	2	12.0	125.6	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Clear and warm

EQUIPMENT: 2 Scrapers, 2 Blades, Water Truck, Loader, Sheepsfoot Roller, Steel Drum

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 27 — DATE: 4/5/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
803	Fill on building pad at Gridline M-3.5	FSG	2	9.8	127.1	101	100
804	Fill on building pad at Gridline M-2.5	FSG	2	10.6	125.2	100	100
805	Fill on building pad at Gridline M-1.5	FSG	2	11.1	125.8	100	100
806	Fill on building pad at Gridline N.5-1.5	FSG	2	11.2	126.0	100	100
807	Fill on building pad at Gridline N.5-2.5	FSG	2	12.9	128.2	102	100
808	Fill on building pad at Gridline N.5-3.5	FSG	4	7.8	128.2	101	100
809	Fill on building pad at Gridline N.5-4.5	FSG	4	8.1	127.8	100	100
810	Fill on building pad at Gridline N.5-5.5	FSG	2	10.7	126.7	101	100
811	Fill on building pad at Gridline N.5-6.5	FSG	4	8.8	127.6	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Clear and warm

EQUIPMENT: 2 Scrapers, 2 Blades, Steel Drum, Sheepsfoot Roller, Water Truck, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 28
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 4/6/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
812	Base course on building pad at Gridline C-4.5	Base Course Finish Grade	5	11.0	125.2	100	100
813	Base course on building pad at Gridline E-4.5	Base Course Finish Grade	5	12.3	126.3	100	100
814	Base course on building pad at Gridline G-4.5	Base Course Finish Grade	5	11.7	127.1	101	100
815	Base course on building pad at Gridline G-5.5	Base Course Finish Grade	5	11.4	128.4	102	100
816	Base course on building pad at Gridline E-5.5	Base Course Finish Grade	5	12.0	126.9	101	100
817	Base course on building pad at Gridline C-5.5	Base Course Finish Grade	5	10.5	125.1	100	100
818	Base course on building pad at Gridline C-6.5	Base Course Finish Grade	5	11.6	127.4	101	100
819	Base course on building pad at Gridline E-6.5	Base Course Finish Grade	5	9.8	125.6	100	100
820	Base course on building pad at Gridline G-6.5	Base Course Finish Grade	5	10.9	127.2	101	100
821	Base course on building pad at Gridline G-8	Base Course Finish Grade	5	12.2	126.6	101	100
822	Base course on building pad at Gridline E-8	Base Course Finish Grade	5	11.6	125.4	100	100
823	Base course on building pad at Gridline C-8	Base Course Finish Grade	5	12.4	128.1	102	100
824	Fill on building pad at Gridline M-8	FSG	2	8.5	126.2	101	100
825	Fill on building pad at Gridline M-6.5	FSG	2	9.3	125.8	100	100
826	Fill on building pad at Gridline M-5.5	FSG	2	8.9	126.6	101	100
827	Fill on building pad at Gridline M-4.5	FSG	2	10.0	124.9	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
5	Stockpile at SE corner of stage area	9.5	125.7	Well graded GRAVEL with silt and sand

WEATHER: Clear and warm

EQUIPMENT: 2 Scrapers, 2 Blades, Steel Drum, Sheepsfoot Roller, Water Truck, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 29 — DATE: 4/10/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
828	Fill at center of channel, Gridline 2	-5.6' FSG	2	9.8	124.5	99	95
829	Fill at center of channel, Gridline 3	-4.5' FSG	2	9.4	121.1	96	95
830	Fill at center of channel, Gridline 4	-4' FSG	2	9.2	121.4	97	95
831	Fill at center of channel, Gridline 5	-3' FSG	2	8.9	125.8	100	95
832	Fill at center of channel, Gridline 6	-1' FSG	2	9.9	126.8	101	100
833	Base course on building pad at Gridline K-1.5	Base Course Finish Grade	5	12.3	126.3	100	100
834	Base course on building pad at Gridline K-2.5	Base Course Finish Grade	5	11.7	125.8	100	100
835	Base course on building pad at Gridline K-3.5	Base Course Finish Grade	5	12.4	128.1	102	100
836	Base course on building pad at Gridline K-4.5	Base Course Finish Grade	5	9.9	127.2	101	100
837	Base course on building pad at Gridline K-5.5	Base Course Finish Grade	5	11.6	126.8	101	100
838	Base course on building pad at Gridline K-6.5	Base Course Finish Grade	5	11.2	125.4	100	100
839	Base course on building pad at Gridline K-8	Base Course Finish Grade	5	10.7	128.6	102	100
	Contractor placed fill at NW corner of site and resumed base course placement on bldg pad.						

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
5	Stockpile at SE corner of stage area	9.5	125.7	Well graded GRAVEL with silt and sand

WEATHER: Clear and warm

EQUIPMENT: Scraper, 2 Blades, Water Truck, Sheepsfoot Roller, Steel Drum, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 30(1of2) — DATE: 4/10/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
840	Base course on building pad at Gridline M-1.5	Base Course Finish Grade	5	10.7	126.7	101	100
841	Base course on building pad at Gridline M-2.5	Base Course Finish Grade	5	11.7	125.5	100	100
842	Base course on building pad at Gridline M-3.5	Base Course Finish Grade	5	11.3	127.3	101	100
843	Base course on building pad at Gridline M-4.5	Base Course Finish Grade	5	9.3	130.4	104	100
844	Base course on building pad at Gridline M-5.5	Base Course Finish Grade	5	12.6	126.6	101	100
845	Base course on building pad at Gridline M-6.5	Base Course Finish Grade	5	11.7	127.1	101	100
846	Base course on building pad at Gridline M-8	Base Course Finish Grade	5	12.0	125.9	100	100
847	Base course on building pad at Gridline N.5-6.5	Base Course Finish Grade	5	10.3	126.2	100	100
848	Base course on building pad at Gridline N.5-5.5	Base Course Finish Grade	5	12.2	127.1	101	100
849	Base course on building pad at Gridline N.5-4.5	Base Course Finish Grade	5	8.7	125.3	100	100
850	Base course on building pad at Gridline N.5-3.5	Base Course Finish Grade	5	8.4	125.8	100	100
851	Base course on building pad at Gridline N.5-2.5	Base Course Finish Grade	5	9.7	129.6	103	100
852	Base course on building pad at Gridline N.5-1.5	Base Course Finish Grade	5	12.3	125.1	100	100
853	Fill at bottom of channel at Gridline 4	-3' FSG	2	12.3	121.7	97	95
854	Fill at bottom of channel at Gridline 3	-3.5' FSG	2	10.7	126.2	101	95
855	Fill at bottom of channel at Gridline 2	-4' FSG	2	11.1	124.1	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND
5	Stockpile at SE corner of stage area	9.5	125.7	Well graded GRAVEL with silt and sand

WEATHER: Clear and warm

EQUIPMENT: Steel Drum, 2 Blades, Water Truck, Sheepsfoot Roller, 2 Scrapers, Loader

REMARKS: Base course on building pad completed ; contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 30(2of2) — DATE: Date test were taken
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
856	Fill for undeveloped area on Gridline 2, 100' N of channel	-4.5' FSG	2	10.7	125.1	100	95
857	Fill for undeveloped area on Gridline 3, 150' N of channel	-3.5' FSG	2	10.9	123.2	98	95
858	Fill for undeveloped area on Gridline 4, 150' N of channel	-1' FSG	2	9.7	126.3	101	100
859	Fill on parking lot at 30' N & 60' E of SE corner	-2' FSG	2	8.4	119.2	95	95
860	Fill on parking lot at 240' N & 60' E of SE corner	-2.5' FSG	2	11.0	120.2	96	95
861	Fill on parking lot at 120' N & 60' E of SE corner	-2' FSG	2	9.8	121.1	96	95
862	Fill on parking lot at 120' N & 120' E of SE corner	-2' FSG	2	10.3	124.5	99	95
863	Fill on parking lot at 240' N & 120' E of SE corner	-1.5' FSG	2	11.2	125.4	100	100
864	Fill on parking lot at 360' N & 120' E of SE corner	-1' FSG	2	10.9	126.1	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 31 — DATE: 4/11/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
865	Fill at bottom of channel at Gridline 2	-3' FSG	2	9.6	126.0	100	95
866	Fill at bottom of channel at Gridline 3	-2.5' FSG	2	10.6	125.7	100	95
867	Fill at bottom of channel at Gridline 4	-2' FSG	2	11.6	123.4	98	95
868	Fill at bottom of channel at Gridline 5	-2' FSG	2	11.4	124.1	99	95
869	Fill for undeveloped area at Gridline 2, 100' N of channel	-3' FSG	2	9.6	120.1	96	95
870	Fill for undeveloped area at Gridline 3, 150' N of channel	-2' FSG	2	10.6	123.6	98	95
871	**No test for this number**						
872	Fill for parking lot at 60' S & 60' E of NW corner	-1' FSG	2	9.7	126.1	100	100
873	Fill for parking lot at 180' S & 60' E of NW corner	-1' FSG	2	11.2	125.7	100	100
874	Fill for parking lot at 300' S & 60' E of NW corner	-1' FSG	2	10.4	127.4	102	100
875	Fill for parking lot at 300' S & 120' E of NW corner	-1' FSG	2	10.1	127.0	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Windy and cool

EQUIPMENT: 2 Scrapers, Steel Drum, Sheepsfoot Roller, 2 Blades, Water Truck, Loader

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 32(2of2) — DATE: 4/12/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
884	Bottom of channel at Gridline 5	-1' FSG	2	10.3	126.1	100	100
885	Bottom of channel at Gridline 4	-1' FSG	2	11.6	125.3	100	100
886	Bottom of channel at Gridline 3	-1' FSG	2	12.7	125.8	100	100
887	Bottom of channel at Gridline 2	-2' FSG	2	10.6	127.1	101	95
888	Fill for undeveloped area on Gridline 2	-2' FSG	2	10.7	126.6	101	95
889	Fill for undeveloped area on Gridline 3	-1' FSG	2	9.9	125.1	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:
EQUIPMENT:
REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 32(1of4) — DATE: 4/12/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
876	Probe test on bottom of footings at Gridline B-7	FSG			255	36720	2000 PSF
877	Probe test on bottom of footings at Gridline C.5-7	FSG			260	37440	2000 PSF
878	Probe test on bottom of footings at Gridline D.5-7	FSG			270	38880	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER: Clear and warm

EQUIPMENT: 2 Tampers, 2 Backhoes

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 32(2of4) — DATE: 4/12/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
879	Density test on bottom of footings at Gridline D.5-7	FSG	2	11.4	125.1	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 32(3of4) — DATE: 4/12/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
880	Probe test on bottom of footings at Gridline E27-7	FSG			260	37440	2000 PSF
881	Probe test on bottom of footings at Gridline F.5-7	FSG			265	38160	2000 PSF
882	Probe test on bottom of footings at Gridline G31-7	FSG			260	37440	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 32(4of4) — DATE: 4/12/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
883	Density test on bottom of footings at Gridline G31-7	FSG	2	13.1	127.1	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-1of23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
890	Probe test on bottom of spot footing at Gridline B-6	FSG			260	37440	2000 PSF
891	Probe test on bottom of spot footing at Gridline B-5	FSG			280	40320	2000 PSF
892	Probe test on bottom of spot footing at Gridline B-4	FSG			280	40320	2000 PSF
893	Probe test on bottom of spot footing at Gridline B 3	FSG			300	43200	2000 PSF
894	Probe test on bottom of spot footing at Gridline B 2	FSG			280	40320	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER: Clear and warm

EQUIPMENT: 2 Backhoes, 2 Tampers

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center CLIENT: McWhorter & Company, Inc.
Earthwork TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 33-2of23DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
895	Density test on bottom of spot footing at Gridline B 2	FSG	2	11.2	126.5	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 33-3of23 DATE: 4/13/00
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
896	Probe test on bottom of spot footing at Gridline C 6				285	41040	2000 PSF
897	Probe test on bottom of spot footing at Gridline C 5				290	41760	2000 PSF
898	Probe test on bottom of spot footing at Gridline C-4				290	41760	2000 PSF
899	Probe test on bottom of spot footing at Gridline C 3				300	43200	2000 PSF
900	Probe test on bottom of spot footing at Gridline C 2				275	39600	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center
Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 33-4of23 DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
901	Density test on bottom of spot footing at Gridline C 2	FSG	2	10.8	127.3	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-5of23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
902	Probe test on bottom of spot footing at Gridline D-6	FSG			300	43200	2000 PSF
903	Probe test on bottom of spot footing at Gridline D-5	FSG			300	43200	2000 PSF
904	Probe test on bottom of spot footing at Gridline D-6	FSG			290	41760	2000 PSF
905	Probe test on bottom of spot footing at Gridline D-5	FSG			295	42480	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-6of23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
906	Density test on bottom of spot footing at Gridline E-5	FSG	2	12.4	125.4	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-7of23 — DATE: 4/12/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
907	Probe test on bottom of spot footing at Gridline E-4	FSG			295	42480	2000 PSF
908	Probe test on bottom of spot footing at Gridline E-3	FSG			285	41040	2000 PSF
909	Probe test on bottom of spot footing at Gridline E-2	FSG			280	40320	2000 PSF
910	Probe test on bottom of spot footing at Gridline D-4	FSG			300	43200	2000 PSF
911	Probe test on bottom of spot footing at Gridline D-3	FSG			295	42480	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-8of23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
912	Density test on bottom of spot footing at Gridline D-3	FSG	2	12.3	126.8	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 33-9of23 DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
913	Probe test on bottom of spot footing at Gridline D-2	FSG			285	41040	2000 PSF
914	Probe test on bottom of spot footing at Gridline F-6	FSG			285	41040	2000 PSF
915	Probe test on bottom of spot footing at Gridline F-5	FSG			290	41760	2000 PSF
916	Probe test on bottom of spot footing at Gridline F-4	FSG			300	43200	2000 PSF
917	Probe test on bottom of spot footing at Gridline F-3	FSG			300	40320	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-10/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
918	Density test on bottom of spot footing at Gridline F-3	FSG	2	12.6	128.2	102	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-11/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
919	Probe test on bottom of spot footing at Gridline F-2	FSG			300	43200	2000 PSF
920	Probe test on bottom of spot footing at Gridline G-6	FSG			300	43200	2000 PSF
921	Probe test on bottom of spot footing at Gridline G-5	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-12/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
922	Probe test on bottom of spot footing at Gridline G-4	FSG			285	41040	2000 PSF
923	Probe test on bottom of spot footing at Gridline G-3	FSG			295	42480	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-13/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
924	Density test on bottom of spot footing at Gridline G-3	FSG	2	11.3	129.3	103	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-14/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
925	Probe test on bottom of spot footing at Gridline G-2	FSG			295	42480	2000 PSF
926	Probe test on bottom of spot footing at Gridline H-8	FSG			300	43200	2000 PSF
927	Probe test on bottom of spot footing at Gridline H-7	FSG			295	41040	2000 PSF
928	Probe test on bottom of spot footing at Gridline H-6	FSG			300	43200	2000 PSF
929	Probe test on bottom of spot footing at Gridline H-5	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-15/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
930	Density test on bottom of spot footing at Gridline H-5	FSG	2	10.9	126.2	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-16/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
931	Probe test on bottom of spot footing at Gridline H-4	FSG			285	41040	2000 PSF
932	Probe test on bottom of spot footing at Gridline H-3	FSG			300	43200	2000 PSF
933	Probe test on bottom of spot footing at Gridline H-2	FSG			300	43200	2000 PSF
934	Probe test on bottom of spot footing at Gridline J-8	FSG			285	41040	2000 PSF
935	Probe test on bottom of spot footing at Gridline J-7	FSG			290	41760	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 33-17/23
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 4/13/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
936	Density test on bottom of spot footing at Gridline J-7	FSG	2	8.9	128.1	102	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-18/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
937	Probe test on bottom of spot footing at Gridline J-6	FSG			280	40320	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-19/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
938	Probe test on bottom of spot footing at Gridline J-5	FSG			285	41040	2000 PSF
939	Probe test on bottom of spot footing at Gridline J-4	FSG			300	43200	2000 PSF
940	Probe test on bottom of spot footing at Gridline J-3	FSG			300	43200	2000 PSF
941	Probe test on bottom of spot footing at Gridline J-3	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-20/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
942	Density test on bottom of spot footing at Gridline J-2	FSG	2	10.8	127.4	102	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-21/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
943	Probe test on bottom of spot footing at Gridline K-8	FSG			300	43200	2000 PSF
944	Probe test on bottom of spot footing at Gridline K-7	FSG			285	41040	2000 PSF
945	Probe test on bottom of spot footing at Gridline K-6	FSG			280	40320	2000 PSF
946	Probe test on bottom of spot footing at Gridline K-5	FSG			290	41760	2000 PSF
947	Probe test on bottom of spot footing at Gridline K-4	FSG			285	41040	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 33-22/23
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
DATE: 4/13/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
948	Density test on bottom of spot footing at Gridline K-4	FSG	2	11.2	126.0	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 33-23/23 — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
949	Probe test on bottom of spot footing at Gridline K-3	FSG			295	42480	2000 PSF
950	Probe test on bottom of spot footing at Gridline K-2	FSG			285	41040	2000 PSF
951	Probe test on bottom of spot footing at Gridline L-2	FSG			300	43200	2000 PSF
952	Probe test on bottom of spot footing at Gridline L-3	FSG			290	41760	2000 PSF
953	Probe test on bottom of spot footing at Gridline L-4	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 34(1of2) DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
954	Density test on bottom of spot footing at Gridline L 4	FSG	2	10.2	127.3	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 34(2of2) — DATE: 4/13/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
955	Bottom of channel at Gridline 2	-1' FSG	2	12.7	127.3	101	100
956	Fill for undeveloped area at Gridline 2, 100' N of channel	-1' FSG	2	11.6	125.8	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT: 2 Scrapers, Water Truck, Blade, Sheepsfoot Roller, Steel Drum, Loader

REMARKS: Contracting personnel informed of the test results.

V
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A

COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 36(1of5) — DATE: 4/14/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
973	Probe test on bottom of footings at Gridline G31-8	FSG			290	41760	2000 PSF
974	Probe test on bottom of footings at Gridline H-9	FSG			300	43200	2000 PSF
975	Probe test on bottom of footings at Gridline K-9	FSG			285	41040	2000 PSF
976	Probe test on bottom of footings at Gridline L-9	FSG			295	42480	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER: Clear and warm

EQUIPMENT: 2 Tampers, 2 Backhoes

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 36(2of5) — DATE: 4/14/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
977	Density test on footings at Gridline L-9	FSG	2	9.7	127.0	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 36(3of5) — DATE: 4/14/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
978	Probe test on bottom of footings at Gridline A-6	FSG			300	43200	2000 PSF
979	Probe test on bottom of footings at Gridline A-5	FSG			290	41760	2000 PSF
980	Probe test on bottom of footings at Gridline A-4	FSG			300	43200	2000 PSF
981	Probe test on bottom of footings at Gridline A-3	FSG			300	43200	2000 PSF
982	Probe test on bottom of footings at Gridline A-2	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 36(4of5) — DATE: 4/14/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
983	Probe test on bottom of footings at Gridline A-2	FSG	2	12.1	126.6	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 36(5of5) — DATE: 4/14/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
984	Probe test on bottom of footings at Gridline A-1	FSG			300	43200	2000 PSF
985	Probe test on bottom of footings at Gridline L-8.14	FSG			295	42480	2000 PSF
986	Probe test on bottom of footings at Gridline L-7	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:
EQUIPMENT:
REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 37(1of8) — DATE: 4/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
987	Gridline M @ 4	FSG	4	7.0	125.8	99	N/A

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Cloudy, 60's F

EQUIPMENT: Tamper, Jumping Jack

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 37(2of8) — DATE: 4/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
988	Gridline M @ 4	FSG			250	36000	2000 PSF
989	Gridline M @ 3	FSG			260	37440	2000 PSF
990	Gridline M @ 2	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
PROJECT NO.: 00-2-150 REPORT NO.: 37(3of8)
COA PROJECT NO.:

CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Robert K. Abeyta
DATE: 4/15/00

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
991	Gridlline 1 @ M	FSG	4	6.9	126.9	100	N/A

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 37(4of8) — DATE: 4/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
992	Gridline 1 @ M	FSG			275	39600	2000 PSF
993	Grildine 1 @ K	FSG			300	43200	2000 PSF
994	Gridline 1 @ H	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 37(5of8) — DATE: 4/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
995	Gridline 1 @ G	FSG	4	7.4	124.6	98	N/A

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center
Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 REPORT NO.: 37(6of8) DATE: 4/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
996	Gridline 1 @ G	FSG			265	38160	2000 PSF
997	Gridline 1 @ F	FSG			270	38880	2000 PSF
998	Gridline 1 @ E	FSG			270	38880	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 37(7of8) — DATE: 4/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
999	Gridline 1 @ D	FSG	4	7.2	126.0	99	N/A

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 37(8of8) — DATE: 4/15/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
1000	Gridline 1 @ D	FSG			300	43200	2000 PSF
1001	Gridline 1 @ C	FSG			290	41760	2000 PSF
1002	Gridline 1 @ B	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 38(1of5) — DATE: 4/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
1003	Probe test on bottom of footings at Point F.10	FSG			300	43200	2000 PSF
1004	Probe test on bottom of footings at Point J.5	FSG			290	41760	2000 PSF
1005	Probe test on bottom of footings at Point K.30	FSG			300	43200	2000 PSF
1006	Probe test on bottom of footings at Gridline L.5-8.4	FSG			285	41040	2000 PSF
1007	Probe test on bottom of footings at Gridline L.5-7	FSG			290	41760	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER: Clear and warm

EQUIPMENT: 2 Tampers, 2 Backhoes

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 38(2of5) — DATE: 4/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1008	Density test on bottom of footings at Gridline L.5-7	FSG	2	10.7	125.7	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 38(3of5) — DATE: 4/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
1009	Probe test on bottom of footings 16' N of Gridline B 1	FSG			300	43200	2000 PSF
1010	Probe test on bottom of footings at Gridline M.2-6	FSG			300	43200	2000 PSF
1011	Probe test on bottom of footings at Gridline N-6	FSG			300	43200	2000 PSF
1012	Probe test on bottom of footings at Gridline P-6	FSG			300	43200	2000 PSF
1013	Probe test on bottom of footings at Gridline P-5.3	FSG			300	43200	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 38(4of5) — DATE: 4/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1014	Density test on bottom of footings at Gridline P-5.3	FSG	2	11.7	128.2	102	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 38(5of5) — DATE: 4/17/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
1015	Probe test on bottom of footings at Gridline N-5.3	FSG			300	43200	2000 PSF
1016	Probe test on bottom of footings at Gridline M.2-5.3	FSG			290	41760	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 39(1of4) — DATE: 4/18/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1017	Footings at 0.56-C36	FSG	4	8.6	127.1	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER: Clear in the 70's F, Windy

EQUIPMENT: Jumping Jack, Backhoe

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 39(2of4) — DATE: 4/18/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
1018	Footings at 0.56-C36	FSG			300	43200	2000 PSF
1019	Footings at 0.56-C36	FSG			250	36000	2000 PSF
1020	Footings at 0.56-C36	FSG			250	36000	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 39(3of4) — DATE: 4/18/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1021	Footings at B10	FSG	4	8.9	127.6	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'	8.8	127.4	Silty SAND

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Robert K. Abeyta
PROJECT NO.: 00-2-150 — REPORT NO.: 39(4of4) — DATE: 4/18/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PSI)	Field Bearing Capacity	Required Bearing Capacity
1022	Footings at 0.56-B10	FSG			300	43200	2000 PSF
1023	Footings at 0.56-B10	FSG			300	43200	2000 PSF
1024	Footings at 0.56-B10	FSG			295	42480	2000 PSF

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description

WEATHER:

EQUIPMENT:

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 40 — DATE: 4/19/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1025	8" SAS on S sewerline at Sta. 6+25	-1' FSG	BP1	9.8	124.7	97	95
1026	8" SAS on S sewerline at Sta. 8+25	-1' FSG	BP1	9.9	125.3	98	95
1027	8" SAS on S sewerline at Sta. 10+25	-1' FSG	BP1	10.3	125.0	98	95
1028	8" SAS on S sewerline at Sta. 12+25	-4.5' FSG	BP1	9.4	120.9	94	90
1029	Manhole base on S sewer line at Manhole #5, Sta. 10+81	FSG	BP1	11.6	124.3	97	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
BP1	Sta. 5+75 sewerline backfill material, -15' FSG (00-621)	8.2	128.0	Clayey SAND with silt

WEATHER: Clear and warm

EQUIPMENT: Steel Drum, Sheepsfoot Roller, Loader, 2 Scrapers, Trackhoe, Water Truck, Blade

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 41 — DATE: 5/8/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1030	8" SAS on E side of building at Sta. 18+00	FSG	BP1	8.9	124.1	97	95
1031	8" SAS on E side of building at Sta. 19+50	FSG	BP1	9.6	125.3	98	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
BP1	Sta. 5+75 sewerline backfill material, -15' FSG (00-621)	8.2	128.0	Clayey SAND with silt

WEATHER: Clear and hot

EQUIPMENT: Loader, Water Truck, Steel Drum

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 42 — DATE: 6-22-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1032	N.E. parking bay at 10ft N. of N. Eastermost median	FSG	2	9.0	127.7	102	95
1033	N.E. parking bay at 20ft N. of 2nd median E. of N. Westermost median	FSG	2	9.9	125.3	100	95
1034	N.E. parking bay at 15ft S.E. of N.W. corner of parking lot	FSG	2	10.6	126.8	101	95
1035	N.E. parking bay at 20ft N. of S. Westermost median	FSG	2	9.8	126.9	101	95
1036	N.E. parking bay at 30ft N. of 1st median E. of S. Westermost median	FSG	2	12.4	126.9	101	95
1037	N.E. parking bay at 40ft N. of 1st median W. of S. Eastermost median	FSG	2	11.0	127.3	101	95
1038	N.E. parking bay at 10ft N. of N. Eastermost median	FSG	2	8.6	129.9	104	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Clear, hot

EQUIPMENT: Blade, Water truck, Loader, Backhoe, Steel drum

REMARKS: Contracting personnel informed of the test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 43 — DATE: 6-23-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1039	N.E. parking bay at 20ft S.E. of N.E. nose of I-shaped median	FSG	2	9.1	127.3	101	95
1040	N.E. parking bay at 15ft N.W. of S.E. corner of parking lot	FSG	2	8.9	125.1	100	95
1041	N.W. parking bay at 30ft N.W. of S.E. corner of parking lot	FSG	2	9.3	126.2	100	95
1042	N.W. parking bay at 30 ft S.W. of N.E. corner of parking lot	FSG	2	10.0	128.3	102	95
1043	N.W. parking bay at center of parking lot	FSG	2	11.2	128.1	102	95
1044	N.W. parking bay at 40ft E. of N.W. corner of pilot & 20ft S.	FSG	2	10.7	127.6	102	95
1045	N.W. parking bay at 20ft N.W. of E. nose of S. Westernmost median	FSG	2	9.4	127.0	101	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: Clear, warm

EQUIPMENT: Steel drum, Blade, Water truck, Loader

REMARKS: Contracting personnel informed of the test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Frank Avalos

PROJECT NO.: 00-2-150 REPORT NO.: 44 DATE: 07/18/00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1046	10' South of NE corner of parking lot	ACBC	147.6	142.7	96.7	96
1047	80' East by 10' South of NE parking lot	ACBC	147.6	142.2	96.3	96
1048	10' South of SE corner of NE parking lot	ACBC	147.6	141.9	96.1	96

WEATHER: 70°

EQUIPMENT: Pneumatic roller, drum roller

REMARKS: Contracting personnel informed of the test results

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 REPORT NO.: 44 DATE: 07/18/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1049	50' West of Paseo entrance - NW parking lot	BCFG	BP2	8.2	120.0	101	100
1050	100' West of Paseo entrance - NW parking lot	BCFG	BP2	8.7	119.0	100	100
1051	100' South by 50' West of Paseo entrance - NW parking lot	BCFG	BP2	9.2	119.8	101	100
1052	100' South by 100' West of Paseo entrance - NW parking lot	BCFG	BP2	8.3	120.2	101	100
1053	25' South of NW parking lot	BCFG	BP2	8.9	120.5	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
BP2	NW parking bay Lafarge CCBC 295200 (00-2-151) Lowe's Home Center - Public Utilities	9.4	119.1	Well graded SAND with gravel

WEATHER: 70°

EQUIPMENT: Pneumatic roller, drum roller

REMARKS: Contracting personnel informed of the test results

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Tim Yatsco
PROJECT NO.: 00-2-150 REPORT NO.: 45 DATE: 07/28/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1054	Parking lot, SE bay West side, 50' East of entry road	FSG	2	7.4	126.4	101	100
1055	Parking lot, Center of SE bay	FSG	2	7.3	130.6	104	100
1056	Parking lot, SE bay, 25' West of East median, Centerline	FSG	2	7.2	130.3	104	100
	* Note - There are a couple of soft spots that should be reworked						

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill natural ground from excavated bldg.	11.5	125.5	Silty SAND

WEATHER: Sunny, hot, 100°F
EQUIPMENT:
REMARKS: Contracting personnel informed of the test results

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - EW CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 46 DATE: 8-7-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1057	SE parking lot at 20' SW of NE corner	BCFG	BP2	10.0	119.7	101	100
1058	SE parking lot at 80' W of NE corner and 10' S	BCFG	BP2	9.2	120.6	101	100
1059	SE parking lot at 175' W of NE corner and 30' S	BCFG	BP2	8.6	121.0	102	100
1060	SE parking lot at 70' E of SW corner and 50' N	BCFG	BP2	9.3	119.6	100	100
1061	SE parking lot at 125' E of SW corner and 10' N	BCFG	BP2	8.0	123.0	103	100
1062	SE parking lot at 5' NW of SE corner	BCFG	BP2	7.6	118.8	100	100
1063	SE parking lot at 40' N of SE corner and 20' W	BCFG	BP2	9.3	120.7	101	100
1064	Road between N and S parking lots on centerline at Sta 9+50	BCFG	BP2	10.6	121.2	102	100
1065	Road subgrade on N entrance to site W of San Pedro on east bound lane at Sta 10+25	FSG	2	11.2	127.0	101	100
1066	Easternmost parking lot at NE corner of parking lot	BCFG	BP2	11.7	121.6	102	100
1067	Easternmost parking lot at SE corner of parking lot	BCFG	BP2	10.3	118.8	100	100
1068	Easternmost parking lot at center of parking lot	BCFG	BP2	9.4	120.7	101	100
1069	Easternmost parking lot at 30' N of SW corner and 10' E	BCFG	BP2	10.6	120.1	101	100
1070	Easternmost parking lot at 20' S of NW corner and 20' E	BCFG	BP2	10.1	118.9	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill natural ground from excavated bldg.	11.5	125.5	Silty SAND.
BP2	NW parking bay LaFarge CCBC 295200. (Lowe's Home Center - Public Utilities)	9.4	119.1	Well graded SAND with gravel.

WEATHER: Clear, hot

EQUIPMENT: Water truck, blade, pneumatic roller

REMARKS: Contracting personnel informed of test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - EW

CLIENT: McWhorter & Company, Inc.

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150 REPORT NO.: 47 DATE: 8-8-00

COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1071	Decelleration lane on W side of San Pedron at Sta 1+25	BCFG	BP2	9.8	119.8	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
BP2	NW parking bay LaFarge CCBC 295200. (Lowe's Home Center - Public Utilities)	9.4	119.1	Well graded SAND with gravel.

WEATHER: Clear, hot

EQUIPMENT: Pneumatic roller, water truck, steel drum, backhoe, loader, auger, blade

REMARKS: Contracting personnel informed of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150 REPORT NO.: 47 DATE: 8-8-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1072	SE parking lot at 20' N of SE corner and 30' W	ACBC	142.7	142.8	100.1	96
1073	SE parking lot at 50' N of SE corner and 6' W	ACBC	142.7	143.0	100.2	96
1074	SE parking lot at 10' S of NE cornr and 40' N	ACBC	142.7	145.0	101.6	96
1075	SE parking lot at 20' S of E radius of first median W of N easternmost median	ACBC	142.7	144.3	101.1	96
1076	SE parking lot at 60' S of E radius of 1st median W of N easternmost median	ACBC	142.7	143.8	100.8	96
1077	SE parking lot at 120' S of E radius of 1st median W of N easternmost median	ACBC	142.7	144.4	101.2	96
1078	SE parking lot at 10' N of E radius of 2nd median W of S easternmost median	ACBC	142.7	142.9	100.1	96
1079	SE parking lot at 70' N of E radius of 2nd median W of S easternmost median	ACBC	142.7	145.5	102.0	96
1080	SE parking lot at 120' N of E radius of 2nd median W of S easternmost median	ACBC	142.7	144.1	101.0	96

WEATHER: Clear, hot

EQUIPMENT: Pneumatic roller, water truck, steel drum, backhoe, loader, auger, blade

REMARKS: Contracting personnel informed of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Zach Bryan

PROJECT NO.: 00-2-150

REPORT NO.: 48

DATE: 8-9-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1081	Decelleration lane, west side of San Pedro, Sta 1+30	1st Lift ACBC	145.3	144.6	99.5	96

WEATHER: Sunny

EQUIPMENT: Water truck, roller, pneumatic roller, steel drum

REMARKS: Contracting personnel informed of test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - EW CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Zach Bryan
PROJECT NO.: 00-2-150 REPORT NO.: 48 DATE: 8-9-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1082	Roadway, directly in front of building, east bound lane, Sta 2+50	Base Course	BP2	8.0	118.9	100	100
1083	Roadway, directly in front of building, west bound lane, Sta 5+00	Base Course	BP2	8.3	118.8	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
BP2	NW parking bay LaFarge CCBC 295200. (Lowe's Home Center - Public Utilities)	9.4	119.1	Well graded SAND with gravel.

WEATHER: Sunny

EQUIPMENT: Water truck, roller, pneumatic roller, steel drum

REMARKS: Contracting personnel informed of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150 REPORT NO.: 49 DATE: 8-10-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1084	Road between N and S parking lots on east bound lane at Sta 10+50	ACBC	146.7	142.9	97.4	96
1085	Road between N and S parking lots on west bound lane at Sta 8+50	ACBC	146.7	143.1	97.5	96
1086	Road between N and S parking lots on centerline at Sta 6+50	ACBC	146.7	143.0	97.5	96
1087	Road between N and S parking lots on east bound lane at Sta 4+50	ACBC	146.7	142.5	97.1	96
1088	Road between N and S parking lots on west bound lane at Sta 2+50	ACBC	146.7	143.7	98.0	96
1089	Road between N and S parking lots on centerline at Sta 0+50	ACBC	146.7	142.0	96.8	96
1090	Decelleration lane on W side of San Pedro at Sta 1+00	ACSC	145.3	143.6	98.8	96
1091	Road between E and W parking lots on north bound lane, 75' S of Paseo del Norte	ACBC	146.7	142.5	97.1	96
1092	Road between E and W parking lots on south bound lane, 100' S of Paseo del Norte	ACBC	146.7	142.3	97.0	96
1093	Road between E and W parking lots on centerline at 250' S of Paseo del Norte	ACBC	146.7	143.6	97.9	96
1094	Roadway directly north of building on east bound lane at Sta 2+00	ACBC	146.7	141.8	96.7	96
1095	Roadway directly north of building on west bound lane at Sta 4+50	ACBC	146.7	142.3	97.0	96
1096	Roadway directly north of building on centerline at Sta 7+00	ACBC	146.7	142.5	97.1	96
1097	Roadway directly north of building on east bound lane at Sta 9+50	ACBC	146.7	144.6	98.6	96
1098	Easternmost parking lot at center of parking lot	ACBC	146.7	145.0	98.8	96

WEATHER: Clear, hot

EQUIPMENT: Pneumatic roller, auger, steel drum

REMARKS: Contracting personnel informed of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Zach Bryan

PROJECT NO.: 00-2-150

REPORT NO.: 50

DATE: 8-16-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1099	NE parking lot at 50' x 15' E of SW corner	ACBC	146.5	143.5	98.0	96
1100	North Access Road to site W of San Pedro at east bound lane, Sta 10+50	ACBC	146.5	143.8	98.2	96

WEATHER: Sunny

EQUIPMENT: Pneumatic roller, steel drum, auger

REMARKS: Contracting personnel informed of test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Kevin Bowen
PROJECT NO.: 00-2-150 — REPORT NO.: 51 — DATE: 8-16-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1101	Curb & gutter at Sta 5+50	FSG	1	10.4	120.8	100	100
1102	Curb & gutter at Sta 7+50	FSG	1	10.0	121.2	101	100
1103	Curb & gutter at Sta 9+00	FSG	1	10.6	120.5	100	100
1104	Curb & gutter at Sta 31+00	FSG	1	10.9	121.4	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
1	Parking lot fill, natural ground from E side	11.5	120.0	Poorly graded SAND with silt

WEATHER: 60 degrees, Partly cloudy

EQUIPMENT: Blade, Roller, Water truck, Loader

REMARKS: Contracting personnel informed of the test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Frank Avalos

PROJECT NO.: 00-2-150 REPORT NO.: 53 DATE: 8-17-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1109	20' S. by 50' E. of NW corner of NE parking lot	ACSC	143.0	139.0	97.2	93-97
1110	50' S. by 70' E. of NW corner of NE parking lot	ACSC	143.0	138.7	96.9	93-97
1111	20' S. by 100' E. of NW corner of NE parking lot	ACSC	143.0	139.1	97.3	93-97
1112	50' S. by 100' E. of NW corner of NE parking lot	ACSC	143.0	137.9	96.4	93-97
1113	10' S. by 20' W. of NE corner of NE parking lot	ACSC	143.0	139.9	97.8	93-97
1114	50' S. by 70' W. of NE corner of NE parking lot	ACSC	143.0	138.9	96.8	93-97

WEATHER: 82 degrees

EQUIPMENT: Pnuematic Roller, Water truck

REMARKS: Contracting personnel notified of test results.

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 52 — DATE: 8-17-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1105	10' S. by 10' N. of NE corner of Lowe's NE parking lot	SGP	5	10.2	125.9	100	100
1106	5' N. by 10' W. of SE corner of Lowe's NE parking lot	SGP	5	9.4	126.2	100	100
1107	10' N. by 15' E. of SW corner of Lowe's NE parking lot	SGP	5	9.9	126.5	101	100
1108	10' S. by 10' E. of NW corner of Lowe's NE parking lot	SGP	5	8.3	125.8	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
5	Stockpile at SE corner of stage area	9.5	125.7	Well graded GRAVEL with silt and sand

WEATHER: 82 degrees

EQUIPMENT: Pnuematic Roller, Water truck

REMARKS: Contracting personnel informed of the test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Frank Avalos

PROJECT NO.: 00-2-150 REPORT NO.: 53 DATE: 8-17-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1109	20' S. by 50' E. of NW corner of NE parking lot	ACSC	143.0	139.0	97.2	93-97
1110	50' S. by 70' E. of NW corner of NE parking lot	ACSC	143.0	138.7	96.9	93-97
1111	20' S. by 100' E. of NW corner of NE parking lot	ACSC	143.0	139.1	97.3	93-97
1112	50' S. by 100' E. of NW corner of NE parking lot	ACSC	143.0	137.9	96.4	93-97
1113	10' S. by 20' W. of NE corner of NE parking lot	ACSC	143.0	139.9	97.8	93-97
1114	50' S. by 70' W. of NE corner of NE parking lot	ACSC	143.0	138.9	96.8	93-97

WEATHER: 82 degrees

EQUIPMENT: Pnuematic Roller, Water truck

REMARKS: Contracting personnel notified of test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Frank Avalos
PROJECT NO.: 00-2-150 — REPORT NO.: 57 — DATE: 8-22-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1138	Curb and gutter on South side of SE entrance Sta 0+45	FSG	2	10.9	125.9	100	100
1139	Road way on SE entrance Sta 0+50	SGP	2	9.8	126.2	101	100
1140	Road way on SE entrance Sta 1+25	SGP	2	9.0	126.7	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill, natural ground from excavated building	11.5	125.5	Silty SAND

WEATHER: 95 degrees

EQUIPMENT: Jumping jack, Water truck

REMARKS: Contracting personnel informed of the test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150

REPORT NO.: 54

DATE: 8-17-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1115	NE parking lot at 50' S. of NW corner & 10' E.	ACSC	146.9	145.0	98.7	97
1116	NE parking lot at 30' S. of E. radius of N. Westernmost median	ACSC	146.9	143.8	97.9	97
1117	NE parking lot at 40' S. o fE. Radius of 1st median E. of N. Westernmost median	ACSC.	146.9	144.0	98.0	97
1118	NE parking lot at 20' S. of W. radius of 1st median W. of N. Easternmost median	ACSC	146.9	144.2	98.2	97
1119	NE parking lot at 50' S. of E. radius of N. Easternmost median	ACSC	146.9	143.6	97.8	97
1120	NE parking lot at 20' NW of SE corner of parking lot	ACSC	146.9	146.0	99.4	97
1121	NE parking lot at 10' N. of W. radius of S. Easternmost median	ACSC	146.9	143.7	97.8	97
1122	NE parking lot at 30' N. of E. radius of 2ndmedian W. of S. Easternmost median	ACSC	146.9	144.5	98.4	97
1123	NE parking lot at 5' N. o fW. Radius of S. Westernmost median	ACSC	146.9	144.0	98.0	97
1124	NE parking lot at 10' NE of SW corner of parking lot	ACSC	146.9	143.2	97.5	97

WEATHER: Clear, hot

EQUIPMENT: Auger, Pneumatic Roller, Steel drum

REMARKS: Contracting personnel notified of test results

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - Earthwork CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150 REPORT NO.: 56 DATE: 8-21-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1129	NW parking lot at 20' SW of NE corner of parking lot	ACSC	148.8	142.7	95.9	97
1130	NW parking lot at 20' N. of E. radius of 1st median W. of N. Westernmost median	ACSC	148.8	145.2	97.6	97
1131	NW parking lot at 15' N. of W. radius of N. Westernmost median	ACSC	148.8	146.0	98.1	97
1132	NW parking lot at 25' S. of E. radius of N. Westernmost median	ACSC	148.8	143.3	96.3	97
1133	NW parking lot at 10' S. of E. radius of 1st median W. of N. Easternmost median	ACSC	148.8	142.7	95.9	97
1134	NW parking lot at 15' NW of SE corner of parking lot	ACSC	148.8	144.6	97.2	97
1135	NW parking lot at 50' N. of SE corner of 5' W.	ACSC	148.8	145.6	97.8	97
1136	NW parking lot at 5'N. of E. radius of S. Easternmost median	ACSC	145.1	145.8	100.5	97
1137	NW parking lot at 10' N. of W. radius of S. Westernmost median	ACSC	145.1	144.1	99.3	93-97

WEATHER: Clear, hot

EQUIPMENT: Steel drum, Pneumatic roller, Auger

REMARKS: Contracting pesonnel notified of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - Earthwork CLIENT: McWhorter & Company,
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 58 DATE: 8-22-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1141	SW parking lot at 15' SW of NE corner of parking lot	ACSC	145.1	143.3	98.8	97
1142	SW parking lot at 10' S. of W. radius of N. Easternmost median	ACSC	145.1	145.1	100.0	97
1143	SW parking lot at 20' S. of W. radius of 1st median E. of N. Westernmost median	ACSC	145.1	144.2	99.4	97
1144	SW parking lot at 30' S. of W. radius of N. Westernmost median	ACSC	145.1	145.4	100.2	97
1145	SW parking lot at 50' S. of E. radius N. Westernmost median	ACSC	145.1	143.2	98.7	97
1146	SW parking lot at center of pad	ACSC	145.1	143.9	99.2	97
1147	SW parking lot at 50' N. of SE corner & 10' W.	ACSC	145.1	144.0	99.2	97
1148	SW parking lot at 10' NW of SE corner of parking lot	ACSC	145.1	145.2	100.1	97
1149	SW parking lot at 15' N. of W. radius of S. Easternmost median	ACSC	145.1	143.9	99.2	97
1150	SW parking lot at 5' N. of E. radius of S. Westernmost median	ACSC	145.1	143.5	98.9	97

WEATHER: Clear, warm
EQUIPMENT: Steel drum, Pneumatic roller, Auger
REMARKS: Contracting personnel notified of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork CLIENT: McWhorter & Company.

TECHNICIAN: Tim Yatsco

PROJECT NO.: 00-2-150 REPORT NO.: 55 DATE: 8-18-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1125	Parking lot SE bay 25' S. of parking road, 125' E. of entry road	ACBC	146.1	141.9	97.1	97
1126	Parking lot SE bay 35' E. of entry road & 30' S. of parking lot road	ACBC	146.1	145.0	99.2	97
1127	Parking lot SE bay 25' E. of entry road & 75' N. of building	ACBC	146.1	140.7	96.3	97
1128	Parking lot Se bay 100' E. of entry road	ACBC	146.1	143.9	98.5	97

WEATHER: Sunny

EQUIPMENT: Steelwheel roller, Pneumatic roller

REMARKS: Contracting personnel notified of test results

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Tim Yatsco
PROJECT NO.: 00-2-150 — REPORT NO.: 59 — DATE: 8-23-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1151	Road on SE side of building E. bound Sta 0+25	BCSG	BP2	7.9	118.9	100	100
1152	Road on SE side of building W. bound Sta 0+25	BCSG	BP2	9.7	119.3	100	100
1153	Road on S. side of building Sta 2+25, E. bound	BCSG	BP2	9.6	119.3	100	100
1154	Road on S. side of building Sta 2+25, W. bound	BCSG	BP2	9.9	119.9	101	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
BP2	NW parking bay Lafarge CCBC 295200	9.4	119.1	Well graded SAND with gravel

WEATHER: Sunny

EQUIPMENT: Water truck

REMARKS: Contracting personnel informed of the test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork CLIENT: McWhorter & Company,

TECHNICIAN: Tim Yatsco

PROJECT NO.: 00-2-150 REPORT NO.: 60 DATE: 8-23-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1155	Parking lot SE bay 25' S. of parking lot road & 50' W. of E. end	ACSC	145.2	143.7	99.0	97
1156	Parking lot SE bay 60' S. of parking lot road & 50' W. of E. end	ACSC	145.2	141.8	97.7	97
1157	Parking lot SE bay 125' W. of E. end & 50' N. of building drive	ACSC	145.2	140.9	97.0	97
1158	Parking lot SE bay 40' S. of parking lot road, 150' W. of E. end	ACSC	145.2	141.5	97.5	97
1159	Parking lot SE bay 70' N. of Inlet	ACSC	145.2	141.6	97.5	97
1160	Parking lot SE bay, 20' N. of S. side 60' E. of W. side	ACSC	145.2	141.1	97.2	97
1161	Parking lot SE bay, centerline, 20' E. of W. side	ACSC	145.2	142.4	98.1	97

WEATHER: Sunny

EQUIPMENT:

REMARKS: Contracting personnel notified of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150 REPORT NO.: 61 DATE: 08/22/00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1162	Easternmost parking lot at center of East parking bay	ACSC	145.3	144.2	99.2	93-97
1163	Easternmost parking lot at 70' East of SW corner and 15' North	ACSC	145.3	145.1	99.9	93-97
1164	Easternmost parking lot at center of parking lot	ACSC	145.3	143.9	99.0	93-97
1165	Easternmost parking lot at 40' East of NW corner and 10' South	ACSC	145.3	144.5	99.4	93-97
1166	Easternmost parking lot at 30' South of NW corner and 5' East	ACSC	145.3	145.0	99.8	93-97
1167	Easternmost parking lot at 10' NE of SW corner	ACSC	145.3	144.4	99.4	93-97

WEATHER: Clear, hot

EQUIPMENT: Steel drum, auger, pneumatic roller

REMARKS: Contracting personnel informed of the test results

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150 REPORT NO.: 62 DATE: 08/24/00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1168	Access Road to loading dock West of San Pedro on East bound land at Sta 00+75'	ACBC	146.1	143.6	98.3	93-97
1169	Access Road to loading dock West of San Pedro on West bound land at Sta 2+75'	ACBC	146.1	144.1	98.6	93-97
1170	Roadway on North side of buildingon East bound lane at Sta 2+00'	ACSC	146.1	143.7	98.4	93-97
1171	Roadway on North side of building on West bound lane at Sta 4+00'	ACSC	146.1	145.0	99.2	93-97
1172	Roadway on North side of building on Centerline at Sta 6+00'	ACSC	146.1	143.3	98.1	93-97
1173	Roadway on North side of building on East bound lane at Sta 8+00'	ACSC	146.1	144.2	98.7	93-97
1174	Roadway between East and West parking lots on North bound lane at 100' South of Paseo del Norte	ACSC	144.2	144.0	99.9	93-97
1175	Roadway between East and West parking lots on South bound lane at 125' South of Paseo del Norte	ACSC	144.2	143.7	99.7	93-97
1176	Roadway between East and West parking lots on Centerline at 100' North of building	ACSC	144.2	145.5	100.9	93-97
1177	Roadway on North side of SW parking lot on North bound lane of 10' North of South end	ACSC	144.2	143.9	99.8	93-97
1178	Roadway on North side of SW parking lot on South bound lane of 10' South of North end	ACSC	144.2	144.2	100.0	93-97

WEATHER: Clear, hot

EQUIPMENT: Steel drum, auger, pneumatic roller

REMARKS: Contracting personnel informed of the test results

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150 REPORT NO.: 63 DATE: 08/25/00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1179	Road between North and South parking lots East bound lane at Sta 2+00'	ACSC	144.2	143.7	99.7	93-97
1180	Road between North and South parking lots West bound lane at Sta 4+00'	ACSC	144.2	144.6	100.3	93-97
1181	Road between North and South parking lots Centerline at Sta 6+00'	ACSC	144.2	145.3	100.8	93-97
1182	Road between North and South parking lots East bound lane at Sta 8+00'	ACSC	144.2	144.7	100.3	93-97

WEATHER: Clear, hot

EQUIPMENT: None on site

REMARKS: Contracting personnel informed of the test results

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COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - EW

CLIENT: McWhorter & Company, Inc.

TECHNICIAN: Frank Avalos

PROJECT NO.: 00-2-150 REPORT NO.: 64 DATE: 9-8-00

COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1183	W side drainage diversion channel, Sta 3+25	SGP	4	8.3	127.7	100	100
1184	W side drainage diversion channel, Sta 2+00	SGP	4	8.7	128.2	101	100
1185	W side drainage diversion channel, Sta 2+95	SGP	4	8.4	127.9	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
4	Material from building overexcavation at N side -3'.	8.8	127.4	Silty SAND.

WEATHER: 75°

EQUIPMENT: Drum roller

REMARKS: Contracting personnel informed of test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT : Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Frank Avalos

PROJECT NO.: 00-2-150 REPORT NO.: 65 DATE: 9-8-00

Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1186	20' E of San Pedro, N side of rear entrance, Sta 0+95	ACSC	143.1	141.4	98.8	93-97
1187	75' E of San Pedro, S side of rear entrance, Sta 2+25	ACSC	143.1	141.7	99.0	93-97
1188	W side drainage diversion channel, Sta 1+75	ACSC	143.5	142.9	99.6	93-97
1189	W side drainage diversion channel, Sta 3+50	ACSC	143.5	142.5	99.3	93-97

WEATHER: 75°

EQUIPMENT: Drum roller

REMARKS: Contracting personnel informed of test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - EW
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150
REPORT NO.: 66
DATE: 9-22-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1190	Sidewalk subgrade on W side of San Pedro at 30' N of S entrance to site	FSG	2	8.7	126.5	101	100
1191	Sidewalk subgrade on W side of San Pedro at 30' S of N entrance to site	FSG	2	8.3	125.1	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill natural ground from excavated bldg.	11.5	125.5	Silty SAND.

WEATHER: Clear, warm

EQUIPMENT: Balde, water truck, trackhoe

REMARKS: Contracting personnel informed of test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - EW
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 REPORT NO.: 67 DATE: 9-25-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1192	Sidewalk subgrade on W side of San Pedro at 50' S of S entrance to site	FSG	2	8.7	125.6	100	100
1193	Drive pad subgrade on W side of San Pedro at 100' S of S entrance to site	FSG	2	9.1	125.1	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
2	Parking lot fill natural ground from excavated bldg.	11.5	125.5	Silty SAND.

WEATHER: Clear, cool
EQUIPMENT: Water truck, tamper, loader, backhoe
REMARKS: Contracting personnel informed of test results.

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - Earthwork
CLIENT: McWhorter & Company, Inc.
TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150
REPORT NO.: 68
DATE: 10/24/00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1194	Retaining wall backfill N. of channel on S. side of wall at 20' West of East, end of wall	-2.0' FSG	2	12.0	125.6	100	100
1195	Retaining wall backfill N. of channel on S. side of wall at 150' West of East, end of wall	-2.0' FSG	2	11.5	125.2	100	100

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
1	Parking lot fill natural ground from E. side	11.5	120.0	Poorly graded SAND with silt

WEATHER: Cloudy, cool

EQUIPMENT: Sheepsfoot, roller, tamper, loader, backhoe

REMARKS: Contracting personnel informed of the test results

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COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center — CLIENT: McWhorter & Company, Inc.
Earthwork — TECHNICIAN: Marcus De la Rosa
PROJECT NO.: 00-2-150 — REPORT NO.: 69 — DATE: 11-8-00
COA PROJECT NO.:

Test No.	Location	Elevation	Proctor Number	Field Moisture (%)	Field Dry Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1196	Base course on bike path N. of channel at 150' W. of San Pedro	BCFG	BP3	10.8	120.6	97	95
1197	Base course on bike path N. of channel at 350' W. of San Pedro	BCFG	BP3	11.0	122.4	99	95
1198	Base course on bike path N. of channel at 550' W. of San Pedro	BCFG	BP3	9.8	122.0	98	95
1199	Base course on bike path N. of channel at 750' W. of San Pedro	BCFG	BP3	10.2	123.6	100	95
1200	Base course on bike path N. of channel at 950' W. of San Pedro	BCFG	BP3	10.8	122.9	99	95

Proctor Test Utilized

Proctor No.	Sample Location	Opt. Moisture Content (%)	Maximum Dry Dens (pcf)	Soil Description
BP3	Lafarge CCBC 295200 from bike trail	8.0	124.0	Well graded SAND with silt and gravel

WEATHER: Cloudy, Cold

EQUIPMENT: Steel drum, Blade, Backhoe

REMARKS: Contracting personnel informed of the test results.

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ASPHALTIC CONCRETE COMPACTION TEST RESULTS

PROJECT: Lowe's Home Center - Earthwork

CLIENT: McWhorter & Company,

TECHNICIAN: Marcus De la Rosa

PROJECT NO.: 00-2-150

REPORT NO.: 70

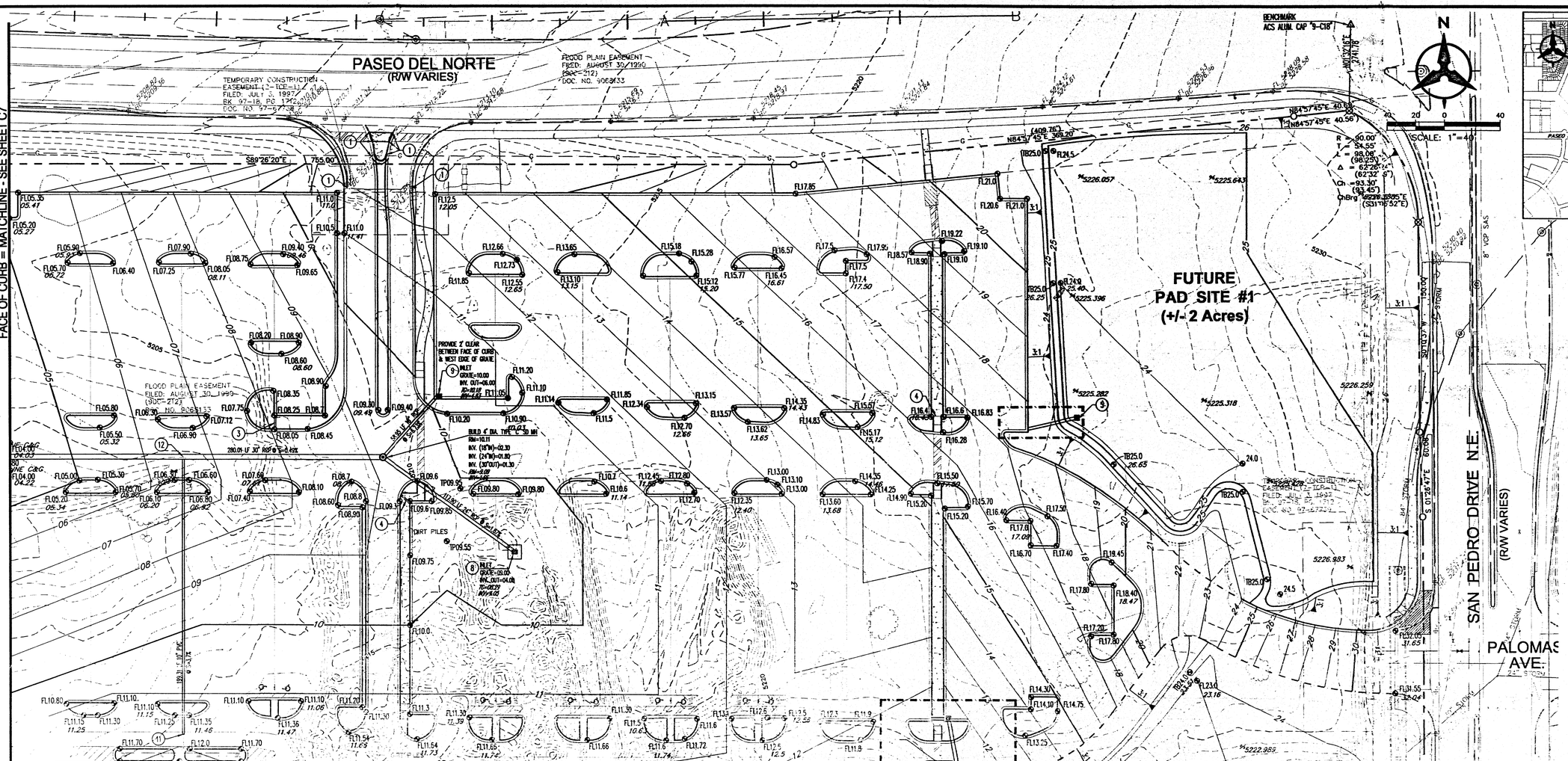
DATE: 11-9-00

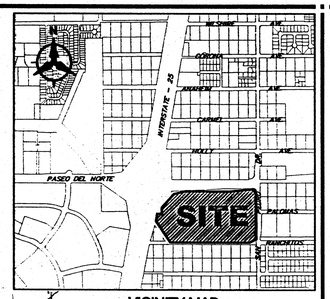
Test No.	Location	Elevation	Maximum Theoretical Density (pcf)	Field Density (PCF)	Relative Compaction (%)	Specified Compaction (%)
1201	Bike path N. of channel at 200' W. of San Pedro	ACSC	146.5	143.4	97.9	97
1202	Bike path N. of channel at 400' W. of San Pedro	ACSC	146.5	144.2	98.4	97
1203	Bike path N. of channel at 600' W. of San Pedro	ACSC	146.5	144.7	98.8	97
1204	Bike path N. of channel at 800' W. of San Pedro	ACSC	146.5	143.0	97.6	97
1205	Bike path N. of channel at 1000' W. of San Pedro	ACSC	146.5	143.5	98.0	97

WEATHER: Clear, Cool

EQUIPMENT: Steel drum, Pneumatic Roller, Auger

REMARKS: Contracting personnel notified of test results.





VICINITY MAP
ZONE ATLAS MAP No. D-18-Z

LEGAL DESCRIPTION

LOS ANGELES CENTER, TRACT A-1

LEGEND

- PROPERTY LINE
- CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
- FOUND 5/8" REBAR TAGGED W/BRASS DISK STAMPED "PS 5978"
- SET 5/8" REBAR W/ 1-1/4" RED PLASTIC SURVEY CAP STAMPED " LS 5978"
- FOUND 5/8" REBAR W/CAP STAMPED" 8478" TAGGED W/BRASS DISK STAMPED "PS 5978"
- SET PROPERTY CORNER IN CONCRETE
- 5301 — EXISTING CONTOURS
- 5305.63 — EXISTING GROUND SPOT ELEVATION
- EXISTING ELECTRICAL POLE
- 75.00 — PROPOSED SPOT ELEVATION TC=TOP OF CURB, FL=FLOW LINE TW=TOP OF WALL, BW=BOTTOM OF WALL EX=EXISTING, TG=TOP OF GRADE TA=TOP OF ASPHALT, TB=TOP OF BERM, TBC=TOP OF BOX CULVERT
- 21.80 — PROPOSED SPOT ELEV. PER CHANNEL PLANS
- S=2.0% — PROPOSED DIRECTION OF FLOW
- PROPOSED RETAINING WALL
- 10 — PROPOSED INDEX CONTOURS
- 02 — PROPOSED INTERMEDIATE CONTOURS
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT CURB
- EASEMENT
- EXISTING TREE
- SD — PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN MANHOLE
- 5202.820 — AS BUILT ELEVATIONS UNDEVELOPED AREA
- 75.00 / 75.00 — AS BUILT ELEVATIONS DEVELOPED AREAS

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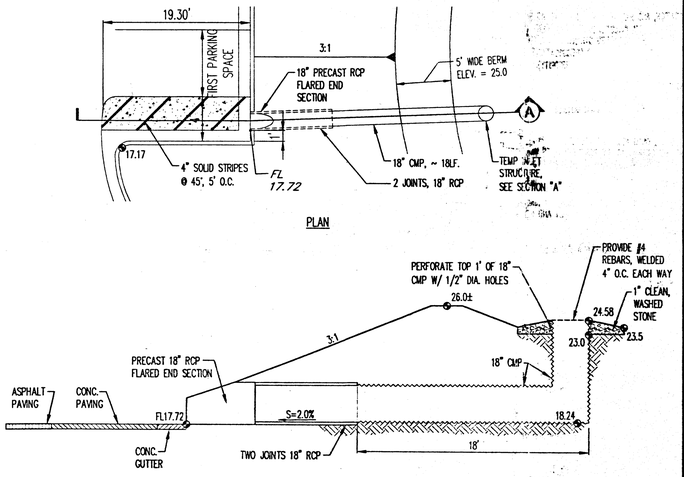
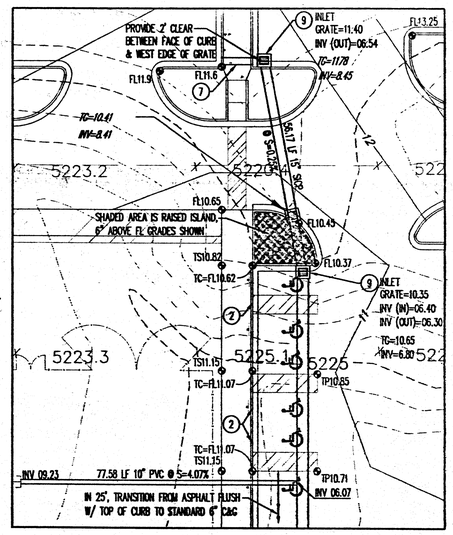


TEMPORARY INLET STRUCTURE
N.T.S.



ENLARGED PLAN
SCALE: 1"=20'

① KEYED NOTES

1. MATCH PROPOSED CURB TO EXISTING PAVEMENT GRADE.
2. ASPHALT SURFACE TO BE FLUSH WITH TOP OF SIDEWALK
3. PROVIDE 1' WIDE x 6" DEEP CONCRETE RIBBON CHANNEL THRU LANDSCAPE ISLAND
4. PROVIDE 2- 4" PVC DRAIN PIPE FROM FACE OF CURB TO FACE OF CURB
5. TEMPORARY INLET STRUCTURE, SEE DETAIL THIS SHEET
6. INSTALL 2' WIDE VALLEY GUTTER PER C.O.A. STD. DWG. 2415.
7. INSTALL 1' WIDE SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236.
8. BUILD TYPE "A" INLET PER DETAIL, SHEET C14
9. BUILD TYPE "B" INLET PER DETAIL, SHEET C14
10. BUILD TYPE "C" INLET PER DETAIL, SHEET C13
11. CONNECT 10" STORM DRAIN TO ROOF DRAIN, SEE SHEET C2 FOR CONTINUATION. ASSUMED INVERT = OB.0 CONTRACTOR SHALL VERIFY INVERT PRIOR TO INSTALLING DOWNSTREAM PIPE.
12. CONNECT 10" PVC DRAIN LINE TO 30" RCP PER DETAIL, SHEET C6. INV OF 30" RCP = 00.59

ROUGH GRADING	(±0.5')
APPROVED FOR ROUGH GRADING	DATE

GRADING & DRAINAGE NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.

2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION" BY WINYARD & ASSOCIATES, AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES PER DETAIL ON SHEET C14 AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.

7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

9. ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.

10. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES & LOWE'S SPECIFICATIONS.

11. ALL CORRUGATED METAL PIPES SHALL BE FULLY ASPHALT COATED OR ALUMINIZED STEEL TYPE-2. 18" & SMALLER TO BE 16 GAUGE, PIPES 24"-30" TO BE 14 GAUGE, PIPES 36"-48" SHALL BE 12 GAUGE, AND ALL PIPES LARGER THAN 48" TO BE 10 GAUGE. ALL CONCRETE PIPES SHALL BE IN ACCORDANCE TO ASTM-C-76 CLASS III.

12. ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST.

13. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.

14. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.

15. CONTRACTOR SHALL PROVIDE 2' x 2' x 8" THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.

16. ALL STORM DRAINAGE STRUCTURES DESIGNED FOR 100 YR., 6 HR. STORM.

17. ALL RCP IS CLASS III EXCEPT WHERE SPECIFICALLY NOTED AS CLASS IV.

18. RCP SHALL BE USED FOR ALL STORM DRAINS EXCEPT AS NOTED BELOW. SICP - SMOOTH INTERIOR CORRUGATED PLASTIC PIPES & FITTINGS MAY BE UTILIZED FOR PIPE SIZES 24" OR SMALLER, FROM THE FOLLOWING MANUFACTURERS:

A.D.S.-N12 MFRD. BY ADVANCED DRAINAGE SYSTEMS, INC.
3300 RIVERSIDE DRIVE, COLUMBUS, OHIO 43221 ph: (614) 457-3051
-OR-
SURE LOCK MFRD. BY HANCOR INC.
P.O. BOX 1047
FINDLAY, OH. 45839-1047 ph: 1-800-537-9520
-OR-
TYPE "S" MFRD. BY LANE ENTERPRISES
34 STROHM ROAD
SHIPPENSBURG, PA 17257 ph: (717) 532-5959

SICP SHALL BE INSTALLED PER MANUFACTURER'S GUIDELINE FOR HEAVY DUTY DRAINAGE APPLICATIONS.

19. CONTRACTOR SHALL ABIDE BY & CONFORM TO LOWE'S STANDARD STORM WATER POLLUTION PREVENTION PLAN & SHALL SUBMIT AN N.O.I. FORM TO THE E.P.A. FOR COVERAGE UNDER THE N.P.D.E.S. PERMIT.

BENCHMARKS

ACS aluminum cap stamped "9-C18 1985" Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 402,255.61 Y= 1,521,435.09 Δα= -00°11'19"
Ground-to-Grid Factor = 0.9996608;
ELEVATION: 5229.79
The station mark is rivited to a 2 1/2" aluminum tube with the cap projecting 0.05' above the ground, located at the southwest corner of San Pedro and Wilshire.

RECEIVED
NOV 06 2002
HYDROLOGY SECTION

ACS 1 3/4" aluminum disk, stamped "ACS BM, 17-D18", epoxied to top of concrete bridge abutment, SE quadrant of San Pedro Dr. NE & South Domingo Baca Channel, 0.10 mi.± north of centerline of Ranchitos Rd., 1.10 mi.± south of centerline of Palomas Ave., 33.9 ft. east of centerline of the bridge, 10.6 ft. west of the east end of said abutment.
ELEVATION: 5236.574

DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN HUSTON INC. PROFESSIONAL LAND SURVEYOR.

NOTES:

I, BRUCE J. STIDWORTHY, OF BOHANNAN HUSTON INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BRUCE J. STIDWORTHY, P.E.
N.M.P.E. NO. 14523
DATE: 12/12/00

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

No:	DATE:	REVISIONS:

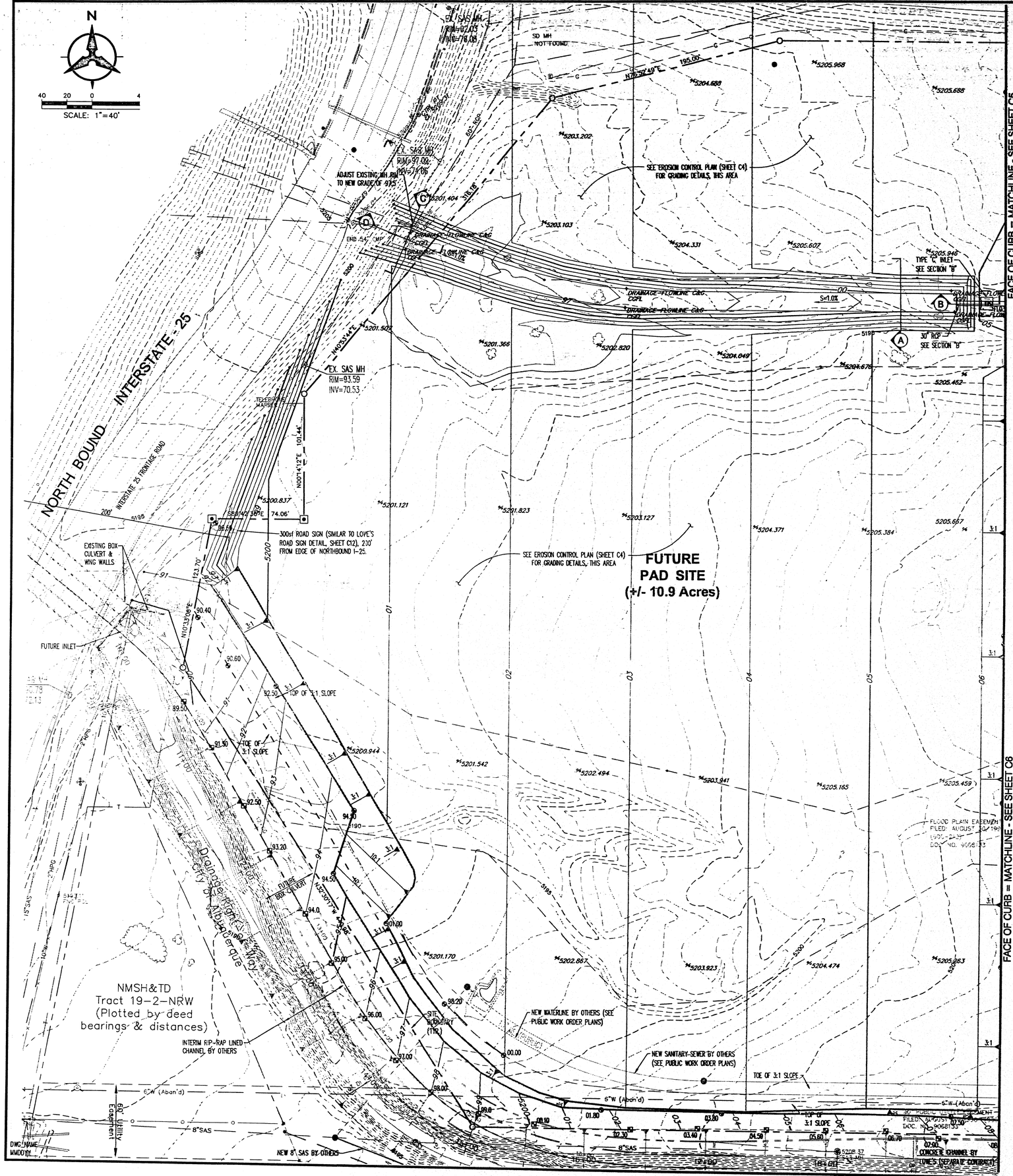
LOWE'S Companies, Inc.
LOWE'S OF NE ALBUQUERQUE, NM.

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
1/3/00

GRADING / DRAINAGE PLAN

Job No:	00 179
Date:	01/03/00
Scale:	1"=40'
Drawn:	RWB
Checked:	BJS
Sheet No:	C5

DWG_NAME
MMDDYY



GRADING & DRAINAGE NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.

2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION" BY VINYARD & ASSOCIATES, AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES PER DETAIL ON SHEET C14 AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.

7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

9. ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.

10. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES & LOWE'S SPECIFICATIONS.

11. ALL CORRUGATED METAL PIPES SHALL BE FULLY ASPHALT COATED OR ALUMINIZED STEEL TYPE-2. 18" & SMALLER TO BE 16 GAUGE, PIPES 24"-30" TO BE 14 GAUGE, PIPES 36"-48" SHALL BE 12 GAUGE, AND ALL PIPES LARGER THAN 48" TO BE 10 GAUGE. ALL CONCRETE PIPES SHALL BE IN ACCORDANCE TO ASTM-C-76 CLASS III.

12. ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST.

13. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.

14. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.

15. CONTRACTOR SHALL PROVIDE 2' x 2' x 8" THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.

16. ALL STORM DRAINAGE STRUCTURES DESIGNED FOR 100 YR., 6 HR. STORM.

17. ALL RCP IS CLASS III EXCEPT WHERE SPECIFICALLY NOTED AS CLASS IV.

18. RCP SHALL BE USED FOR ALL STORM DRAINS EXCEPT AS NOTED BELOW:
SCP - SMOOTH INTERIOR CORRUGATED PLASTIC PIPES & FITTINGS MAY BE UTILIZED FOR PIPE SIZES 24" OR SMALLER, FROM THE FOLLOWING MANUFACTURERS:

A.D.S.-N12 MFRD. BY ADVANCED DRAINAGE SYSTEMS, INC.
3300 RIVERSIDE DRIVE, COLUMBUS, OHIO 43221 ph: (614) 457-3051
-OR-
SURE LOCK MFRD. BY HANCOR INC.
P.O. BOX 1047
FINDLAY, OH. 45839-1047 ph: 1-800-537-9520
-OR-
TYPE "S" MFRD. BY LANE ENTERPRISES
34 STROHM ROAD
SHIPPENSBURG, PA 17257 ph: (717) 532-5959

SCP SHALL BE INSTALLED PER MANUFACTURER'S GUIDELINE FOR HEAVY DUTY DRAINAGE APPLICATIONS.

DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN HUSTON INC., PROFESSIONAL LAND SURVEYOR.

NOTES:

I, BRUCE J. STIDWORTHY, OF BOHANNAN HUSTON INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Bruce J. Stidworthy 12/5/00
BRUCE J. STIDWORTHY, P.E.
N.M.P.E. NO. 14523

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
12/12/00

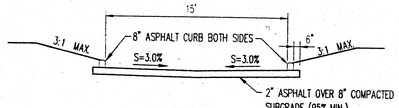
BENCHMARKS

ACS aluminum cap stamped "9-C18 1985" Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 407,255.67 Y= 1,521,435.09
Ground-to-Grid Factor = 0.9996608; Δα= -0071'19"
ELEVATION: 5229.79
The station mark is rivited to a 2 1/2" aluminum tube with the cap projecting 0.05' above the ground, located at the southwest corner of San Pedro and Wilshire.

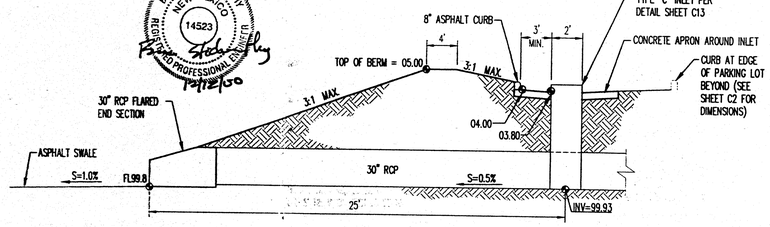
ACS 1 3/4" aluminum disk, stamped "ACS BM, 17-D18", epoxied to top of concrete bridge abutment, SE quadrant of San Pedro Dr. NE & South Domingo Baca Channel, 0.10 mi.± north of centerline of Ranchitos Rd., 0.10 mi.± south of centerline of Palomas Ave., 33.9 ft. east of centerline of the bridge, 10.6 ft. west of the east end of said abutment.
ELEVATION: 5236.574

LEGEND

— — — —	PROPERTY LINE
△	CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
●	FOUND 5/8" REBAR TAGGED W/BRASS DISK STAMPED "PS 5978"
○	SET 5/8" REBAR W/ 1-1/4" RED PLASTIC SURVEY CAP STAMPED " LS 5978"
⊡	FOUND 5/8" REBAR W/CAP STAMPED" 8478" TAGGED W/BRASS DISK STAMPED "PS 5978"
×	SET PROPERTY CORNER IN CONCRETE
—5301—	EXISTING CONTOURS
× 5305.63	EXISTING GROUND SPOT ELEVATION
	EXISTING ELECTRICAL POLE
75.00	PROPOSED SPOT ELEVATION TC=TOP OF CURB, FL=FLOW LINE TW=TOP OF WALL, BW=BOTTOM OF WALL EX=EXISTING, TG=TOP OF GRADE TA=TOP OF ASPHALT, TB=TOP OF BERM, TBC=TOP OF BOX CULVERT
21.80	PROPOSED SPOT ELEV. PER CHANNEL PLANS
S=2.0%	PROPOSED DIRECTION OF FLOW
	PROPOSED RETAINING WALL
—10—	PROPOSED INDEX CONTOURS
—02—	PROPOSED INTERMEDIATE CONTOURS
	PROPOSED CURB & GUTTER
	PROPOSED ASPHALT CURB
	EASEMENT
	EXISTING TREE
SD	PROPOSED STORM DRAIN LINE
	PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	EXISTING STORM DRAIN MANHOLE
*5202.820	AS BUILT ELEVATIONS UNDEVELOPED AREA
75.00 / 75.00	AS BUILT ELEVATIONS DEVELOPED AREA



SECTION "A"
N.T.S.



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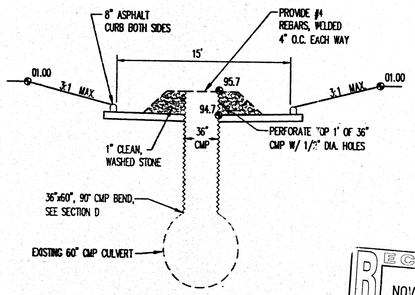

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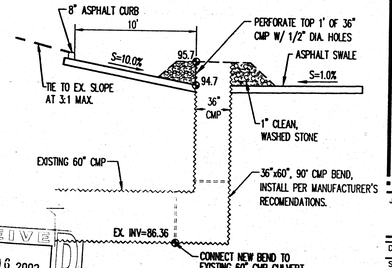

SECTION "D"
N.T.S.

RECEIVED NOV 06 2002 HYDROLOGY SECTION

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

No:	DATE:	REVISIONS:

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LOWE'S Companies, Inc.
LOWE'S OF NE ALBUQUERQUE, NM.

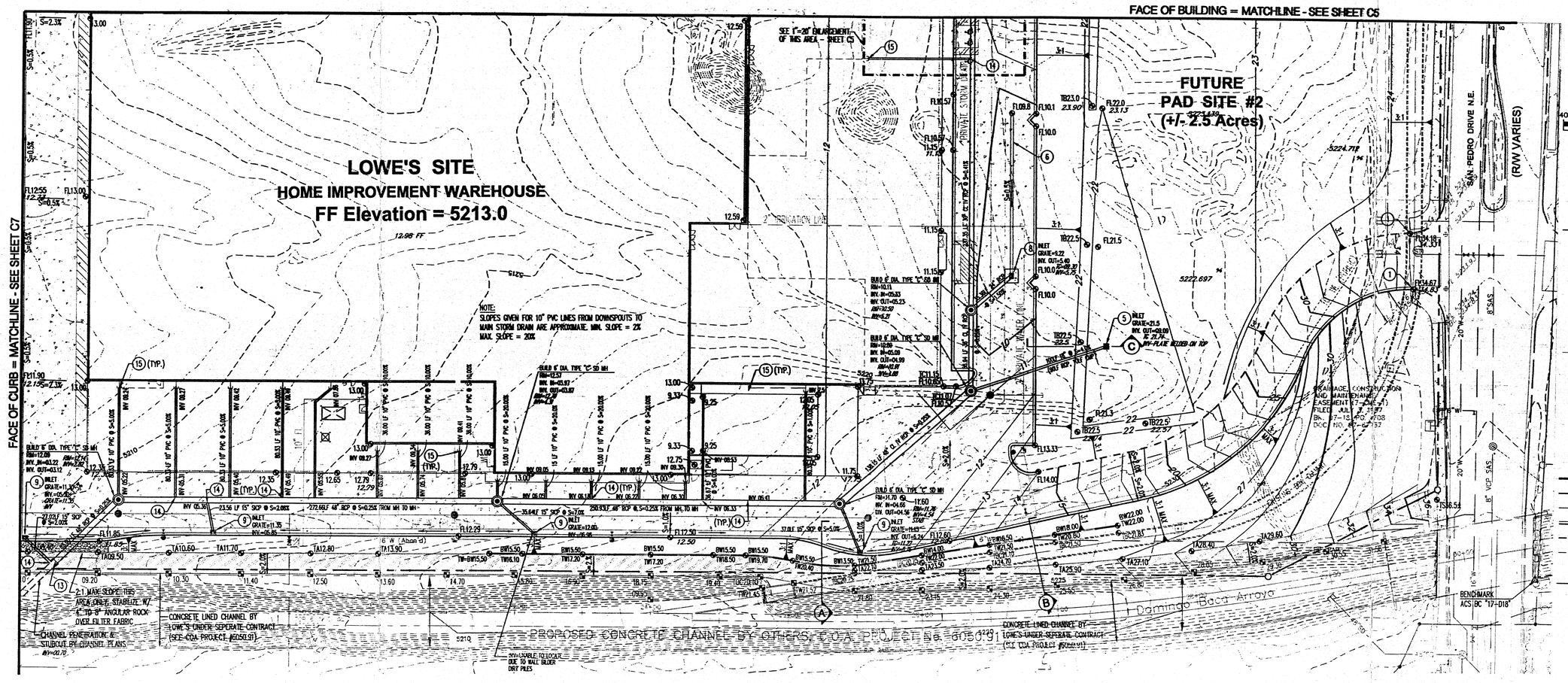
BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
1/3/00

GRADING / DRAINAGE PLAN

Job No: 00 179

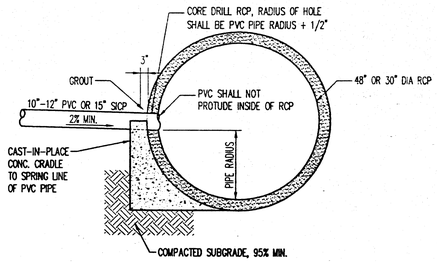
Date:	01/03/00
Scale:	1"=40'
Drawn:	KWB
Checked:	BJS

Sheet No: C7



LEGEND

- PROPERTY LINE
- CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
- FOUND 5/8" REBAR TAGGED W/BRASS DISK STAMPED "PS 5878"
- SET 5/8" REBAR W/ 1-1/4" RED PLASTIC SURVEY CAP STAMPED " LS 5878"
- FOUND 5/8" REBAR W/CAP STAMPED" 8478" TAGGED W/BRASS DISK STAMPED "PS 5878"
- SET PROPERTY CORNER IN CONCRETE
- 5301 — EXISTING CONTOURS
- 5305.63 — EXISTING GROUND SPOT ELEVATION
- EXISTING ELECTRICAL POLE
- 75.00 — PROPOSED SPOT ELEVATION TC=TOP OF CURB, FL=FLOW LINE, TW=TOP OF WALL, BW=BOTTOM OF WALL, EX=EXISTING, TG=TOP OF GRADE, TA=TOP OF ASPHALT, TB=TOP OF BERM, TBC=TOP OF BOX CULVERT
- 21.80 — PROPOSED SPOT ELEV. PER CHANNEL PLANS
- S=2.0% — PROPOSED DIRECTION OF FLOW
- PROPOSED RETAINING WALL
- 10 — PROPOSED INDEX CONTOURS
- 02 — PROPOSED INTERMEDIATE CONTOURS
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT CURB
- EASEMENT
- EXISTING TREE
- SD — PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN MANHOLE
- 5202.820 — AS BUILT ELEVATIONS UNDEVELOPED AREA
- 75.00 / 75.00 — AS BUILT ELEVATIONS DEVELOPED AREA



PVC-RCP CONNECTION DETAIL
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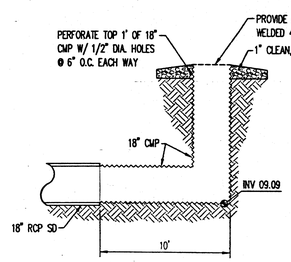
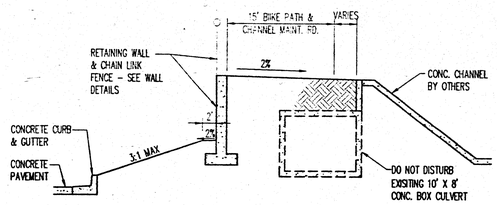
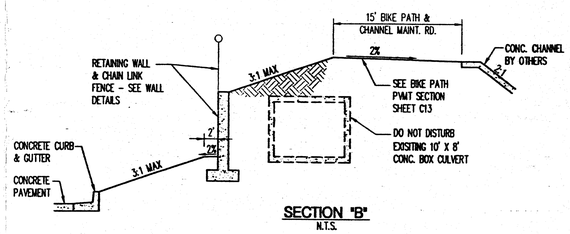


TEMPORARY INLET STRUCTURE
N.T.S.



SECTION "A"
N.T.S.



SECTION "B"
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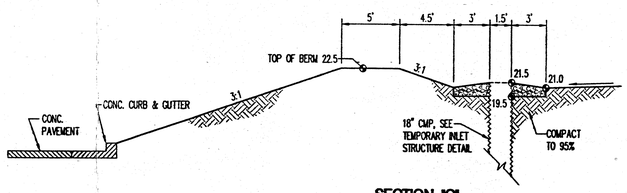

SECTION "C"
N.T.S.

① KEYED NOTES

1. MATCH PROPOSED CURB TO EXISTING
2. ASPHALT SURFACE TO BE FLUSH WITH TOP OF SIDEWALK
3. PROVIDE 1' WIDE x 6" DEEP CONCRETE RIBBON CHANNEL THRU LANDSCAPE ISLAND
4. PROVIDE 2- 4" PVC. DRAIN PIPE FROM FACE OF CURB TO FACE OF CURB
5. TEMPORARY INLET STRUCTURE, SEE DETAIL THIS SHEET
6. INSTALL 2' WIDE VALLEY GUTTER PER C.O.A. STD. DWG. 2415.
7. INSTALL 1' WIDE SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236.
8. BUILD TYPE "A" INLET PER DETAIL, SHEET C14
9. BUILD TYPE "B" INLET PER DETAIL, SHEET C14
10. BUILD TYPE "C" INLET PER DETAIL, SHEET C13
11. CONNECT 10" STORM DRAIN TO ROOF DRAIN, SEE PLUMBING PLANS FOR CONTINUATION. ASSUMED INVERT = 08.0. CONTRACTOR SHALL VERIFY INVERT PRIOR TO INSTALLING DOWNSTREAM PIPE.
12. CONNECT 10" PVC DRAIN LINE TO 30" RCP PER DETAIL, SHEET C6.
13. CONNECT 48" RCP TO THE 48" STUB FROM CHANNEL, INV = 02.96
14. CONNECT PVC OR SICP TO RCP SD PER DETAIL, THIS SHEET. SEE PLAN FOR INV.RT OF PVC.
15. CONNECT DRAIN LINE TO ROOF DRAIN. SEE MECHANICAL PLANS FOR CONTINUATION. VERIFY ROOF DRAIN INVERT BEFORE CONSTRUCTING DOWNSTREAM LINE.

GRADING & DRAINAGE NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.

2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION" BY WINYARD & ASSOCIATES, AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

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7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

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13. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.

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-OR-
SURE LOCK WFRD. BY HANCOR INC.
P.O. BOX 1047
FINDLAY, OH. 45839-1047 ph: 1-800-537-9520
-OR-
TYPE "S" WFRD. BY LANE ENTERPRISES
34 STROHM ROAD
SHIPPENSBURG, PA 17257 ph: (717) 532-5959

SICP SHALL BE INSTALLED PER MANUFACTURER'S GUIDELINE FOR HEAVY DUTY DRAINAGE APPLICATIONS.

ROUGH GRADING	(±0.5'):
APPROVED FOR ROUGH GRADING	DATE

BENCHMARKS

ACS aluminum cap stamped "9-C18 1985" Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 402,255.61 Y= 1,521,435.09
Ground-to-Grid Factor = 0.9996608; Δα= -00°11'19"
ELEVATION: 5229.79
The station mark is rivited to a 2 1/2" aluminum tube with the cap projecting 0.05' above the ground, located at the southwest corner of San Pedro and Wilshire.

ACS 1 3/4" aluminum disk, stamped "ACS BM, 17-D18", epoxied to top of concrete bridge abutment, SE quadrant of San Pedro Dr. NE & South Domingo Baca Channel, 0.10 mi.± north of centerline of Ranchitos Rd., 0.10 mi.± south of centerline of Palomas Ave., 33.9 ft. east of centerline of the bridge, 10.6 ft. west of the east end of said abutment.
ELEVATION: 5236.574

RECEIVED NOV 06 2002 HYDROLOGY SECTION

DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN HUSTON INC. PROFESSIONAL LAND SURVEYOR.

NOTES:

I, BRUCE J. STIDWORTHY, OF BOHANNAN HUSTON INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BRUCE J. STIDWORTHY, P.E.
N.M.P.E. NO. 14523
DATE 10/5/00

BRUCE J. STIDWORTHY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14523 11/2/00

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

No:	DATE:	REVISIONS:

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LOWE'S OF NE ALBUQUERQUE, NM.

BRUCE J. STIDWORTHY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14523 1/3/00

GRADING / DRAINAGE PLAN

Job No:	00 179
Date:	01/03/00
Scale:	1"=40'
Drawn:	RWB
Checked:	BJS
Sheet No:	C6

DWG_NAME
MMDDYY