CITY OF ALBUQUERQUE



January 17, 2014

David A. Guetig, P.E.

bryanreid@gallowayus.com

Galloway

5300 DTC Parkway Ste. 100 Greenwood Village, CO 80111

Re: Murphy's Express, 2707 Carlisle Blvd. NE,

Request for Permanent C.O. –Accepted

Engineer's Stamp dated: 12-17-13, (H16D083A3)

Certification dated: 01-10-14

Dear Ms. Guetig,

Based upon the information provided in the Certification received 01-13-14, the above referenced Certification is acceptable for a release of a Permanent Certificate of Occupancy by Hydrology.

All future certifications will require the Engineer's Certification Language on the approved/ as-built plan.

Sincerely,

PO Box 1293

If you have any questions, you can contact me at 924-3986.

Albuquerque

ant.

Curtis A. Cherne, P.E.

New Mexico 87103

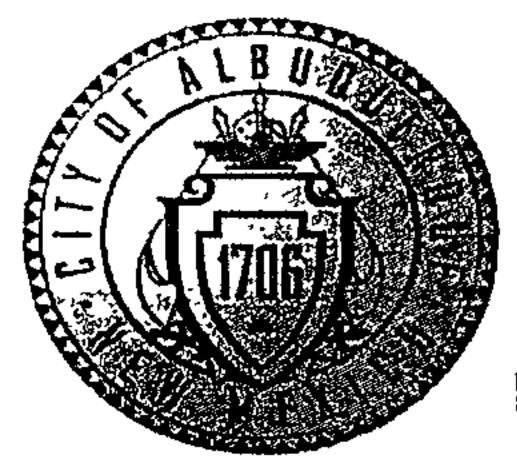
Principal Engineer—Hydrology Section

Development and Building Services

www.cabq.gov

C: CO Clerk—Katrina Sigala

File e-mail



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 02/2013)

Project Title: Murphy Express		City Drainage #: 17/6/0083 A.
DRB#: 13DRB-70551	EPC#: 12EPC-40078, 12EPC-40079	Work Order#: 714882
Legal Description: Lot 1, American Square Su	ubdivision	•
City Address: 2707 Carlisle Blvd. NE, Alb	ouquerque, NM, 87110	
Engineering Firm: Galloway		Contact: Bryan Reid
Address: 5300 DTC Parkway, Suite 100, Gre	enwood Village, CO 80111	
Phone#: 303.770.8884	Fax#: 303.770.3636	E-mail: bryanreid@gallowayus.com
Owner: Murphy Oil USA, Inc.		Carrana Buety Coan
Owner: Murphy Oll USA, Inc. Address: 422 N. Washington, El Dorado, AR,	71730	Contact: Rusty Coan
Phone#: 870.875.7629	Fax#:	E-mail: rusty.coan@murphyusa.com
Architect: BRR Architechture, Inc.	Le,	Contact: Michael Rucereto
Address: 6700 Antioch Plaza, Suite 300, Mer	riam. KS. 66204	Contact: Iniciael Ixaceleto
Phone#: 913.236.3352	Fax#:	E-mail: michael.rucereto@brrarch.com
Surveyor: Precision Survey		Contact: Larry Medrano
Address: P.O. Box 90636, Albuquerque, NM,	, 87199	Contact Lany Wediano
Phone#: 505.856.5700	Fax#:	E-mail: larry@presuv.com
Contractor: Harco Services, LLC		Contact: Wayne Graham
Address: P.O. Box 2347, Kennesa, Georgia	30156	
Phone#: 770.917.8846	Fax#: 770.917.0921	E-mail: wayne.graham@harcoservices.com
TYPE OF SUBMITTAL:	CHECK TVP	E OF APPROVAL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT		CIAL GUARANTEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL	<u> </u>	ARY PLAT APPROVAL
DRAINAGE PLAN RESUBMITTAL	├	AN FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN	<u></u>	R BLDG. PERMIT APPROVAL
GRADING PLAN	}	LAN APPROVAL
EROSION & SEDIMENT CONTROL	 	T APPROVAL
✓ ENGINEER'S CERT (HYDROLOGY		
· <u> · · · · · · · · · · · · · · · · ·</u>		TE OF OCCUPANCY (PERM)
CLOMR/LOMR TRACTIC CIRCUIT ATTONIA ANGUIT		TE OF OCCUPANCY (TCL TEMP)
TRAFFIC CIRCULATION LAYOUT		ION PERMIT APPROVAL
ENGINEER'S CERT (TCL)	The state of the s	PERMIT APPROVAL
ENGINEER'S CERT (DRB SITE PL		PERMIT APPROVAL SO-19 APPROVAL
ENGINEER'S CERT (ESC)		ERMIT APPROVAL — ESC PERMIT APPROVAL -
SO-19		DER APPROVAL ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	LGRADING	CERTIFICATION OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE AT	<u> </u>	No Copy Provided
DATE SUBMITTED: 1/10/14	By: Bryan Reid	
scope to the proposed development defines the defines the Conceptual Grading and Drainage Place 2 Drainage Plans: Required for building posterior and Drainage Report: Required for subdivisor	degree of drainage detail. One or more of the Required for approval of Site Developments, grading permits, paving permits and sion containing more than ten (10) lots or calculated for any new development and rede	· ·



January 10, 2014

Mr. Shahab Biazar
Principal Engineer, Planning Dept.
Development Review Services
City of Albuquerque
600 2nd St. NW, Suite 201
Albuquerque, NM 8701

Re: Murphy Express – 2707 Carlisle Blvd NE – Grading and Drainage Certification

Dear Mr. Biazar,		
approved plan dated8/8/design document has been design Surveys, Inc Precision Surveys, Inc Galloway working under my _11/15/13, 11/26/13, 12/12/1 determined by visual inspect	oliance with and in accordance of the second in the survey data part of the correct to the best of many data part of the correct to the best of many data part of the correct to the best of many data part of the correct to the best of many data part of the correct to the best of many data part of the best of the	this project has been graded and ance with the design intent of the information edited onto the original no, NMPS of the firm that a representative from ally visited the project site on and 1/3/14 and has provided is representative of actual by knowledge and belief. This
to verify substantial complian	nce of the traffic aspects of to obtain independent v	ssarily complete and intended only of this project. Those relying on the erification of its accuracy before
Date	John	JAN 13 2014 LAND DEVELOPMENT SECTION

CITY OF ALBUQUERQUE



Planning Department Transportation Development Services Section

January 17, 2014

David A. Guetig, P.E. Galloway 5300 DTC Parkway, Suite 100 Greenwood Village, CO 80111

Re: Certification for Permanent Certificate of Occupancy (C.O.)

Murphy's Express

2707 Carlisle Blvd NE, Albuquerque, NM 87110 Engineer's Stamp dated 01/10/2014

Dear Mr. Guetig,

Based upon the information provided in your submittal received 01/13/2014, Transportation Development has no objection to the issuance of a <u>Permanent Certificate</u> of Occupancy. This letter serves as a "green tag" from Transportation Development for a <u>Permanent Certificate of Occupancy</u> to be issued by the Building and Safety Division.

PO Box 1293

If you have any questions, please contact me at (505)924-3991.

Albuquerque

Sincerely,

New Mexico 87103

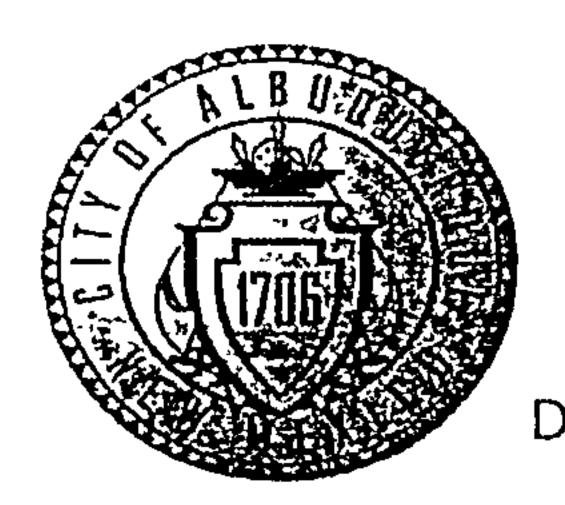
Kristal D. Metro, P.E.

Traffic Engineer, Planning Dept. Development Review Services

www.cabq.gov

c:

Engineer
Hydrology file
CO Clerk



City of Albuquerque

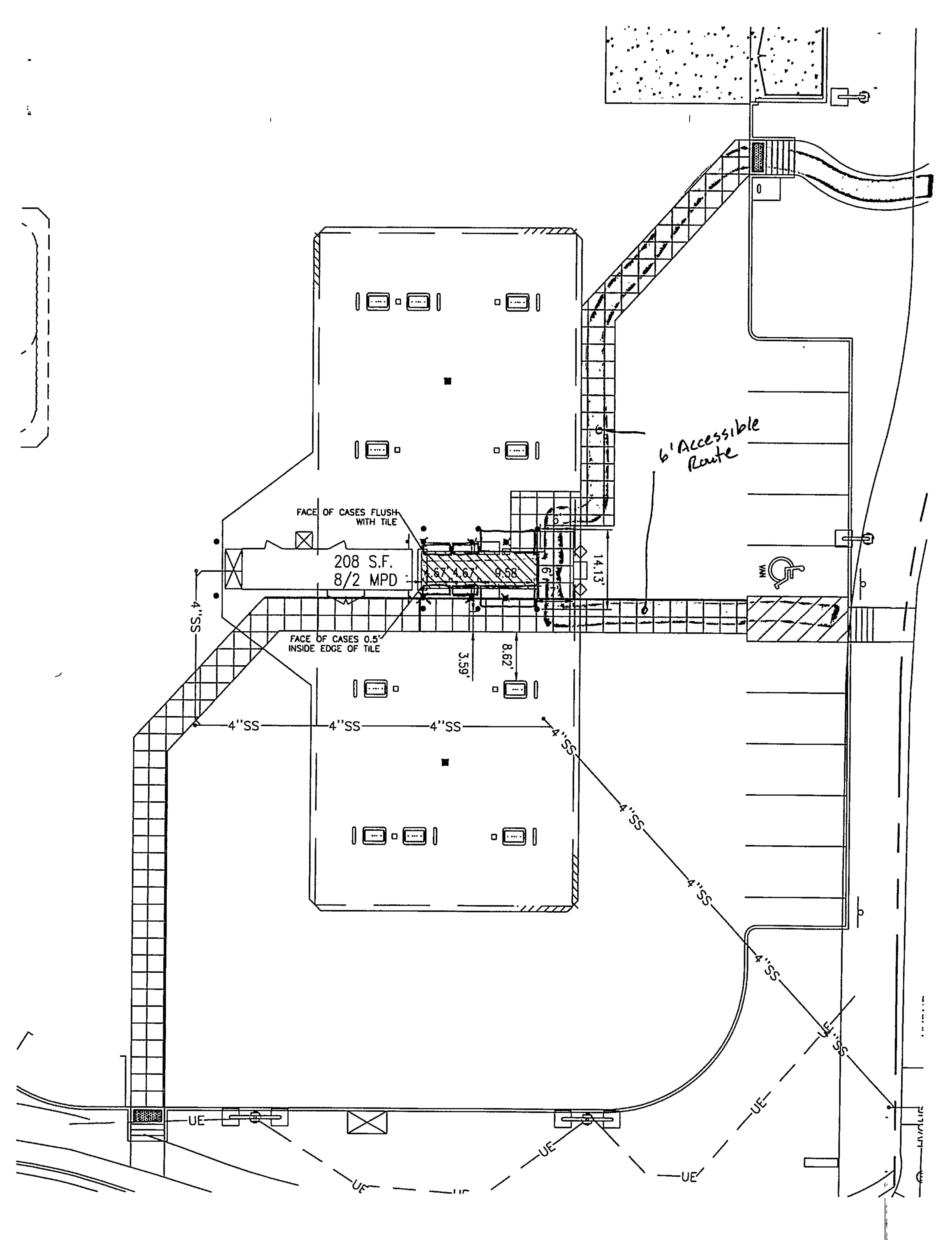
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 02/2013)

Project Title: Murphy Express	City Drainage #: 17/6/008574
	-40078, 12EPC-40079 Work Order#: 714882
Legal Description: Lot 1, American Square Subdivision	•
City Address: 2707 Carlisle Blvd. NE, Albuquerque, NM, 8	7110
Engineering Firm: Galloway	Contact: Bryan Reid
Address: 5300 DTC Parkway, Suite 100, Greenwood Village, CO	
Phone#: 303.770.8884 Fax#: 303.77	0.3636 E-mail: bryanreid@gallowayus.com
Owner Murphy Oil HSA Inc	O . Ducty Coop
Owner: Murphy Oil USA, Inc. Address: 422 N. Washington, El Dorado, AR, 71730	Contact: Rusty Coan
Phone#: 870.875.7629 Fax#:	E maile meter coop@murnhywco.com
	E-mail: rusty.coan@murphyusa.com
Architect: BRR Architechture, Inc.	Contact: Michael Rucereto
Address: 6700 Antioch Plaza, Suite 300, Merriam, KS, 66204	T *1
Phone#: 913.236.3352 Fax#:	E-mail: michael.rucereto@brrarch.com
Surveyor: Precision Survey	Contact: Larry Medrano
Address: P.O. Box 90636, Albuquerque, NM, 87199	······································
Phone#: 505.856.5700 Fax#:	E-mail: larry@presuv.com
Contractor: Harco Services, LLC	Contact: Wayne Graham
Address: P.O. Box 2347, Kennesa, Georgia 30156	
Phone#: 770.917.8846 Fax#: 770.9	7.0921 E-mail: wayne.graham@harcoservices.com
TYPE OF SUBMITTAL: DRAINAGE REPORT DRAINAGE PLAN 1st SUBMITTAL DRAINAGE PLAN RESUBMITTAL CONCEPTUAL G & D PLAN GRADING PLAN EROSION & SEDIMENT CONTROL PLAN (ESC) ENGINEER'S CERT (HYDROLOGY) CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) ENGINEER'S CERT (TCL) ✓ ENGINEER'S CERT (DRB SITE PLAN) ENGINEER'S CERT (ESC) SO-19 OTHER (SPECIFY)	CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT: SIA/FINANCIAL GUARANTEE RELEASE PRELIMINARY PLAT APPROVAL S. DEV. PLAN FOR SUB'D APPROVAL S. DEV. FOR BLDG. PERMIT APPROVAL SECTOR PLAN APPROVAL FINAL PLAT APPROVAL CERTIFICATE OF OCCUPANCY (PERM) CERTIFICATE OF OCCUPANCY (TCL TEMP) FOUNDATION PERMIT APPROVAL BUILDING PERMIT APPROVAL GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL WORK ORDER APPROVAL GRADING CERTIFICATION OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED: DATE SUBMITTED: 1/10/14	Yes ✓ No Copy Provided By: Bryan Reid
Requests for approvals of Site Development Plans and/or Subdivision scope to the proposed development defines the degree of drainage de l Conceptual Grading and Drainage Plan. Required for app 2 Drainage Plans: Required for building permits, grading perm 3. Drainage Report: Required for subdivision containing more	Plats shall be accompanied by a drainage submittal. The particular nature, location, and tail. One or more of the following levels of submittal may be required based on the following toval of Site Development Plans greater than five (5) acres and Sector Plans its, paving permits and site plans less than five (5) acres than ten (10) lots or constituting five (5) acres or more development and redevelopment site with 1-acre or more of land disturbing area, including





Beck, Cynthia

From:

Bryan Reid [BryanReid@gallowayus.com]

Sent:

Friday, January 10, 2014 4:10 PM

To:

Beck, Cynthia

Subject:

Murphy Express Carlisle

Attachments: Murphy Express Carlisle - Revised Walk.pdf; 8124 Agency Comments.doc

Good afternoon Cynthia...

I just left a rambling voice message for you about the Murphy Express site on Carlisle and I thought I would follow up with an email.

It appears that we've run into an issue with the coolers and sales racks being proposed in front of the cashier window. They are a lot larger than we had anticipated. The largest cooler is 3'-7 1/2"W x 9'-7"L. As a result, it will encroach into the 6' wide walkway that we have constructed on the south side of the kiosk.

I have a two part question. First, this project went through EPC and DRB and the comments that came back in regards to accessible pathways were that we needed a 6' accessible path from Carlisle to the building and a 6' wide accessible path from the ADA parking to the building. It seems to me that we are meeting both of those criteria even without the walk that is being encroached upon south of the building. This path leads to a private side walk on the south side of the property. I took this project over toward the end of the DRB approval process, so I don't know why the walk to the south side of the property was added in the first place. It seems to be in excess of what the DRB comments recommended, so I wanted to know if it is even needed?

The second part to my question, is, if this walk is required by the City, does it need to be 6' in width? Looking through the TCL criteria, it appears that the city standard accessible walkway width is 4' instead of 6'.

I have attached a sketch of what we would like to propose as a fix and I've also attached the DRB comments that we received. Please give me a call to discuss when you get a chance. At this point, I'm trying to figure out what options we have and since we are trying to wrap these projects up as soon as possible, time is of the essence.

Thanks for your help! Bryan



BRYAN REID, PE, SENIOR CIVIL PROJECT ENGINEER

5300 DTC Parkway, Suite 100 | Greenwood Village, CO 80111 303.770.8884 O | 303.770.3636 F BryanReid@GallowayUS.com www.GallowayUS.com

Licensed in more than 40 states to better serve you.

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CITY OF ALBUQUERQUE AGENCY COMMENTS

PLANNING DEPARTMENT

Zoning Enforcement

- Provide 1 -4'x8' Motorcycle parking space w/ 12"x18" sign visible from the entrance of the building and mounted @ a min. 48" AFG.
- Provide a 6ft wide pedestrian connection to the public sidewalk.
 - Provide a bicycle rack with a minimum of 2 spaces.
 - A note should be added that the development shall comply with the General Building and Site Design Regulations section 14-16-3-18
 - Provide overall height of parking lot light poles to comply with section 14-16-3-9 Area Lighting Regulations.
 - Are any of the 3 existing street trees scheduled to be removed going to be replaced? If not, please demonstrate how project will comply with the Street Tree ordinance.

Office of Neighborhood Coordination

Bel Air Neighborhood Association (NA) District 7 Coalition of Neighborhoods

Long Range Planning

Metropolitan Redevelopment

CITY ENGINEER

Transportation Development Services

Site Development Plan for Building Permit:

- Clearly show the heavy vehicle pathway for this site. The pathway cannot cross into incoming traffic.
- A separate Site Plan for Building Permit must be provided.
- Portions of the existing access easement are encumbered by sidewalk, curb & gutter, and landscaping. Provide clarification.
- A six-foot wide, ADA accessible, pedestrian pathway is required from Carlisle to the building.
- A six-foot wide, ADA accessible, pedestrian pathway is required from the ADA parking to the building.
- Provide/label/detail all dimensions, classifications and proposed infrastructure within the site.
- All easements must be shown and labeled on Site Plan. Provide recording information.
- Site plan shall comply and be in accordance with DPM (Development Process Manual) and current ADA standards/ requirements.

Site Development Plan for Subdivision:

- Provide the previously approved site development plan for subdivision for comparison.
- A replat will be required.

- A separate Site Development Plan for Subdivision and Site Development Plan for Building Permit shall be provided.
- Portions of the existing access easement are encumbered by sidewalk, curb & gutter, and landscaping.
- All easements need to be shown and labeled on Site Plan. Provide recording information.
- Demonstrate that the signs and landscaping do not interfere with the sight distance of the entrances. Please add the following note to the Landscaping Plan: "Landscaping and signing will not interfere with clear sight requirements. Therefore, signs, walls, trees, and shrubbery between 3 and 8 feet tall (as measured from the gutter pan) will not be acceptable in this area."

Hydrology

Site Development Plan for Building Permit:

- Applicant shall separate sheets applicable to Site Plan for Subdivision and others that are applicable to Site Plan for Building Permit and to be labeled as such.
- The applicant shall provide a conceptual grading and drainage plan that is labeled Conceptual Grading and Drainage Plan. Grades shall be proposed under the canopy/around the pumps such that runoff does not enter from surrounding grades and runoff from under the canopy shall drain into drop inlets then through an oil/water separator before leaving the site or entering the SAS.

Site Development Plan for Subdivision:

• Applicant shall separate sheets applicable to Site Plan for Subdivision and others that are applicable to Site Plan for Building Permit and to be labeled as such.

DEPARTMENT of MUNICIPAL DEVELOPMENT Transportation Planning

Reviewed, and no comments regarding on-street bikeways or roadway system facilities.

Traffic Engineering Operations

• No comments received.

Street Maintenance

• No comments received.

New Mexico Department of Transportation (NMDOT)

• No comments received.

RECOMMENDED CONDITIONS FROM CITY ENGINEER, MUNICIPAL DEVELOPMENT and NMDOT:

Conditions of approval for the proposed Site Development Plan for Building Permit and Site Development Plan for Subdivision shall include:

Site Development Plan for Building Permit

- 1. Clearly show the heavy vehicle pathway for this site. The pathway cannot cross into incoming traffic.
- 2. A separate Site Plan for Building Permit must be provided.

- 3. Portions of the existing access easement are encumbered by sidewalk, curb & gutter, and landscaping. Provide clarification.
- 4. A six-foot wide, ADA accessible, pedestrian pathway is required from Carlisle to the building.
- 5. A six-foot wide, ADA accessible, pedestrian pathway is required from the ADA parking to the building.
- 6. Provide/label/detail all dimensions, classifications and proposed infrastructure within the site.
- 7. All easements must be shown and labeled on Site Plan. Provide recording information.
- 8. Site plan shall comply and be in accordance with DPM (Development Process Manual) and current ADA standards/ requirements.
- 9. Demonstrate that the signs and landscaping do not interfere with the sight distance of the entrances. Please add the following note to the Landscaping Plan: "Landscaping and signing will not interfere with clear sight requirements. Therefore, signs, walls, trees, and shrubbery between 3 and 8 feet tall (as measured from the gutter pan) will not be acceptable in this area."
- 10. Applicant shall separate sheets applicable to Site Plan for Subdivision and others that are applicable to Site Plan for Building Permit and to be labeled as such.
- 11. The applicant shall provide a conceptual grading and drainage plan that is labeled Conceptual Grading and Drainage Plan. Grades shall be proposed under the canopy/around the pumps such that runoff does not enter from surrounding grades and runoff from under the canopy shall drain into drop inlets then through an oil/water separator before leaving the site or entering the SAS.

Site Development Plan for Subdivision

- 1. Provide the previously approved site development plan for subdivision for comparison.
- 2. A replat will be required.
- 3. A separate Site Development Plan for Subdivision and Site Development Plan for Building Permit shall be provided.
- 4. Portions of the existing access easement are encumbered by sidewalk, curb & gutter, and landscaping.
- 5. All easements need to be shown and labeled on Site Plan. Provide recording information.
- 6. Applicant shall separate sheets applicable to Site Plan for Subdivision and others that are applicable to Site Plan for Building Permit and to be labeled as such.

WATER UTILITY AUTHORITY
Utility Services

ENVIRONMENTAL HEALTH DEPARTMENT
Air Quality Division

Environmental Services Division

PARKS AND RECREATION

Planning and Design

Open Space Division

No adverse comments.

POLICE DEPARTMENT/Planning

No specific Crime Prevention or CPTED comments concerning the proposed Site Development Plan for Subdivision or Site Development Plan for Building Permit requests at this time.

- Proposed lighting and new/old landscaping should not be in conflict
- Video surveillance cameras should view the entire interior and exterior
- Cameras should be recorded and monitored for historical and real-time use

SOLID WASTE MANAGEMENT DEPARTMENT Refuse Division

Approved. They need 4 bollards inside enclosure, not 2, and must comply with the SWMD's specifications and ordinance.

FIRE DEPARTMENT/Planning

TRANSIT DEPARTMENT

Project # 1009517	Adjacent and nearby routes	None
12EPC-40078 SITE DEVELOPMENT-	Adjacent bus stops	None
SUBDIVISION	Site plan requirements	None.
12EPC-40079 SITE DEVELOPMENT-	Large site TDM suggestions	None.
BUILDING PERMIT	Other information	None.

COMMENTS FROM OTHER AGENCIES

BERNALILLO COUNTY

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY Reviewed, no comment.

ALBUQUERQUE PUBLIC SCHOOLS

Block A-1-A1, is located on Phoenix Ave NE between Menaul Blvd NE and Claremont Ave NE. The owner of the above property requests approval of a Site Development Plan for Subdivision and a Site Development Plan for Building Permit to allow for a Murphy Express gas station and convenience kiosk. This will have no adverse impacts to the APS district.

MID-REGION COUNCIL OF GOVERNMENTS

MIDDLE RIO GRANDE CONSERVANCY DISTRICT

PUBLIC SERVICE COMPANY OF NEW MEXICO

- 1. It is the applicant's obligation to determine if existing utility easements cross the property and to abide by any conditions or terms of those easements.
- 2. Screening should be designed to allow for access to utility facilities. All screening and vegetation surrounding ground-mounted transformers and utility pads are to allow 10 feet of clearance in front of the equipment door and 5-6 feet of clearance on the remaining three sides for safe operation, maintenance and repair purposes. Please refer to the PNM Electric Service Guide at www.pnm.com for specifications.
- 3. On Sheet 1 of 1, please correct the information under "Utility Company Contacts" as follows:

PNM – Electric Service Mike Moyer 4201 Edith Boulevard NE Albuquerque, NM 87107 Phone: (505) 241-3697

Fax: (505) 241-3415



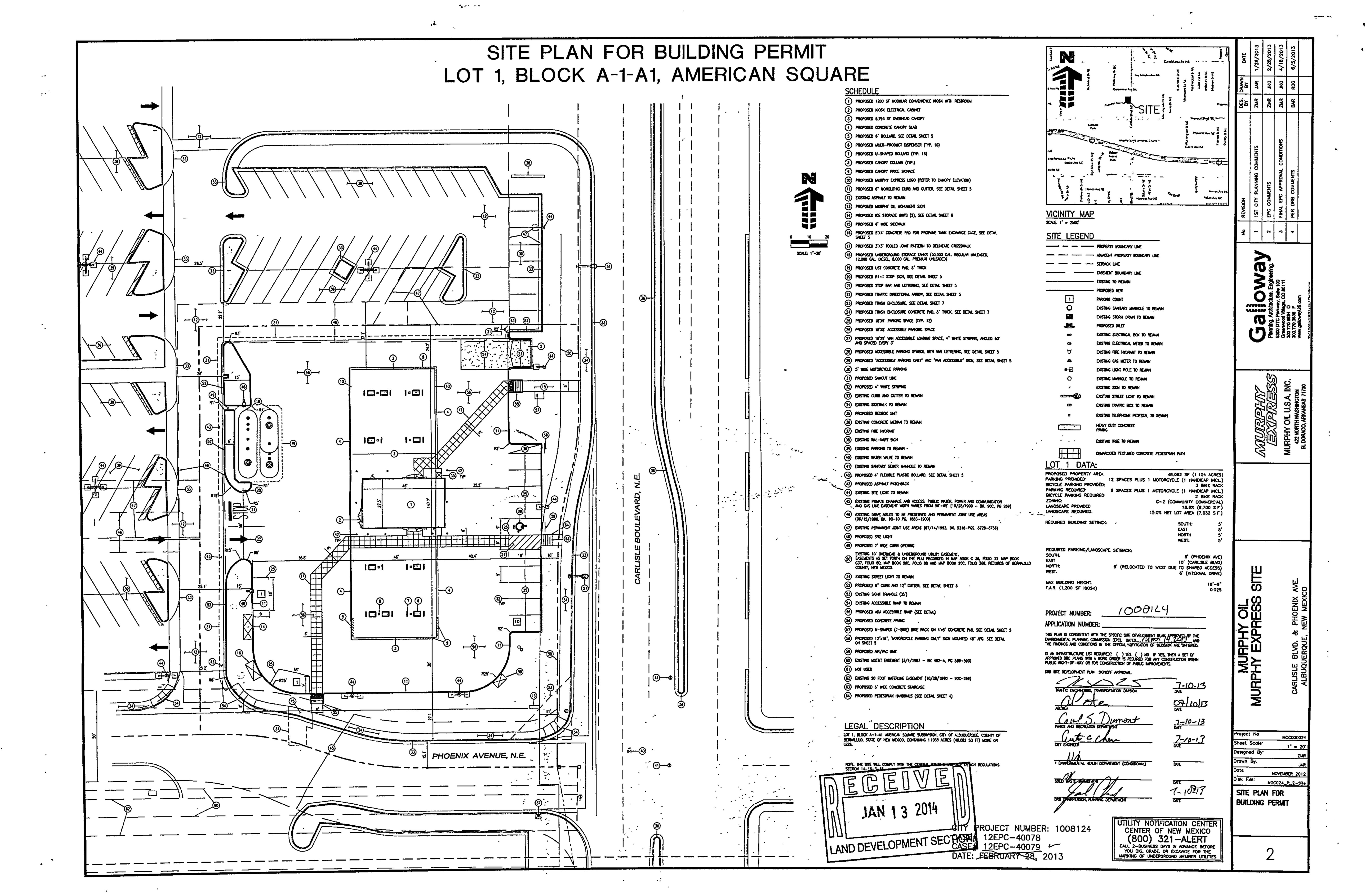
January 10, 2014

Ms. Cynthia Beck
Associate Engineer, Planning Dept.
Development Review Services
City of Albuquerque
600 2nd St. NW, Suite 201
Albuquerque, NM 8701

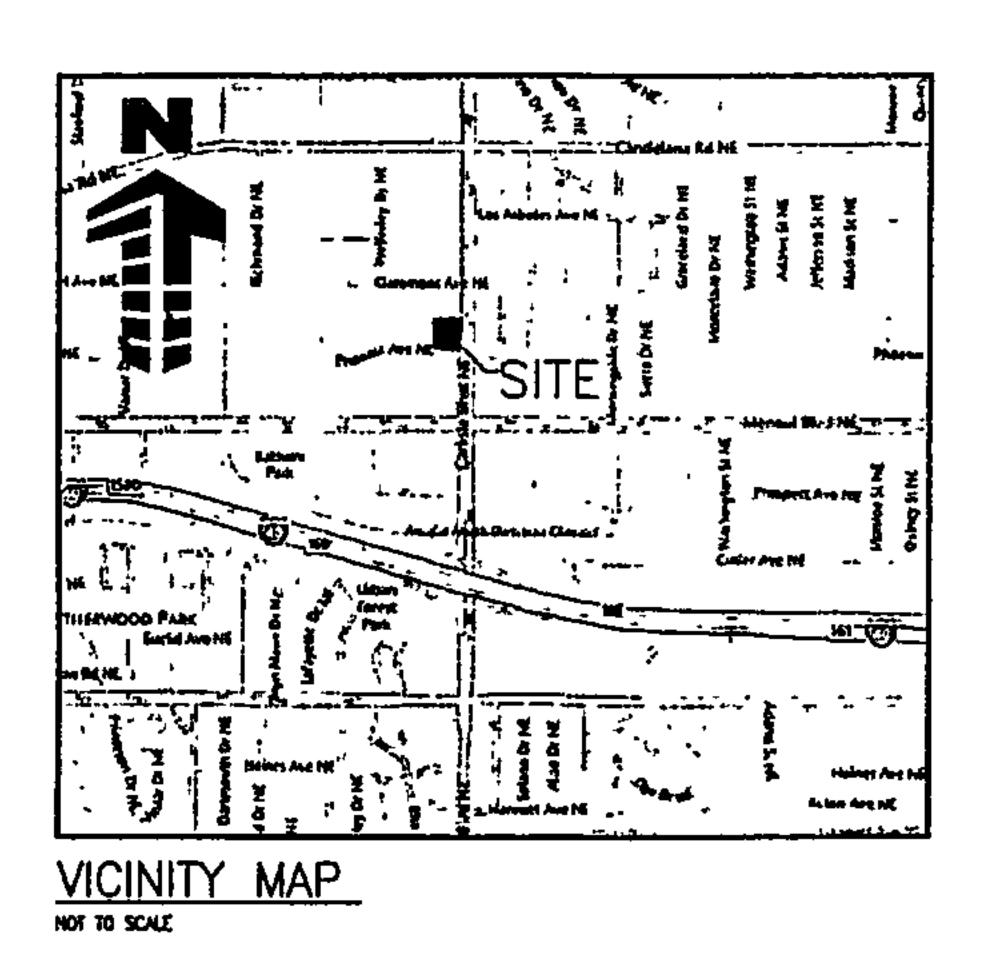
Re: Murphy Express – 2707 Carlisle Blvd NE – Site Plan Certification

Dear Ms. Beck,
I, _Dave Guetig, NMPE_14853, of the firmGalloway, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the DRB, AA, or TCL approved plan dated _8/14/13 The record information edited onto the original design document has been obtained by _Larry Medrano, NMPS_11993
of the firm _Precision Surveys, Inc I further certify that a representative from Galloway working under my supervision, has personally visited the project site on _11/15/13, 11/26/13, 12/12/13, 12/19/13, 12/20/13, and 1/3/14 and has determined by visual inspection that the survey data provided is representative of actual
site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for _Certificate of Occupancy
The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the traffic aspects of this project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any other purpose. In the record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the traffic aspects of this project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any other purpose. Signature of Engineer
Date Date

LAND DEVELOPMENT SECTION



SITE PLAN FOR BUILDING PERMIT LOT 1, BLOCK A-1-A1, AMERICAN SQUARE



GENERAL NOTES

- A. COMPACTOR SHALL BE RESPONSIBLE FOR RAZING AND REMOVAL OF THE DUSTING STRUCTURES, RELATED UTILITIES, PANING, UNDERGROUND STORAGE TANKS AND MAY OTHER EXISTING IMPROVEMENTS AS NOTED,
- B. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER WATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS, DISPOSAL WELL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- C. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AMOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- D. IMPRINITY/DISCLAIMER:
 THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CMIL, ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME, HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO YMARMANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.
- E. <u>SAFETY MOTICE TO CONTRACTOR:</u>

 BI ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENCINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW
- CONSTRUCTION DESERVATION BY THE ENCINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY WEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

 F. ALL CONSTRUCTION WITHIN STATE HIGHWAY DEPARTMENT RICHT-OF-WAY SHALL BE COORDINATED WITH THE HIGHWAY DEPARTMENT RESIDENT WANTENANCE ENCINEER.
- G. ALL SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE RELEVANT UTILITY COMPANY OR REGULATORY AUTHORITY, AND THE SPECIFICATIONS FOR THE CONSTRUCTION OF THE EXISTING IMPROVEMENTS WHICH ARE BEING ALTERED OR REPLACED, CONTRACTOR SHALL CONTACT THE ENCINEER FOR SPECIFICATION SECTIONS FOR ITEMS SUCH AS LANGSCAPING AND WRIGATION THAT ARE AFFECTED BY THE WORK BUT NOT COMPLETELY DETAILED OR SPECIFIED ON THESE
- IL CONSTRUCTION AND INSTALLATION OF 1,200 S.F. MIDSK, ALL UTILITY ENTRANCES, AND 2-20,000 GALLON UNDERCROUND TANKS
 SHALL BE IN ACCORDANCE WITH ASSOCIATED PLANS
- L. THE GENERAL CONTRACTOR TO FIELD COORDINATE THE CAHOPY SIGN LOCATION WITH MURPHY'S CONSTRUCTION SUPERMSOR.
- J. STACE II WAPOR RECOVERY SYSTEM IS NOT REQUIRED.
- K. CONTRACTOR REQUIRED TO KEEP REDUNE AS-BUILTS AND PROVIDE THOSE TO MURPHY LIPON COMPLETION.
- L CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION STANSING.

UTILITY NOTIFICATION CENTER
CENTER OF NEW MEXICO
(800) 321—ALERT
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE
YOU DIG, GRADE, OR EXCAVATE FOR THE
MARKING OF UNDERGROUND MEMBER UTILITIES

CITY PROJECT NUMBER: 1008124 CASE# 12EPC-40078 CASE# 12EPC-40079 DATE: FEBRUARY 28, 2013

<u>CONTACTS</u>

DEVELOPER:
MURPHY OIL USA
422 NORTH WASHINGTON
EL DORADO, ARKANSAS 71730
TEL: (870) 875-7629
CONTACT: RUSTY COAN, PE

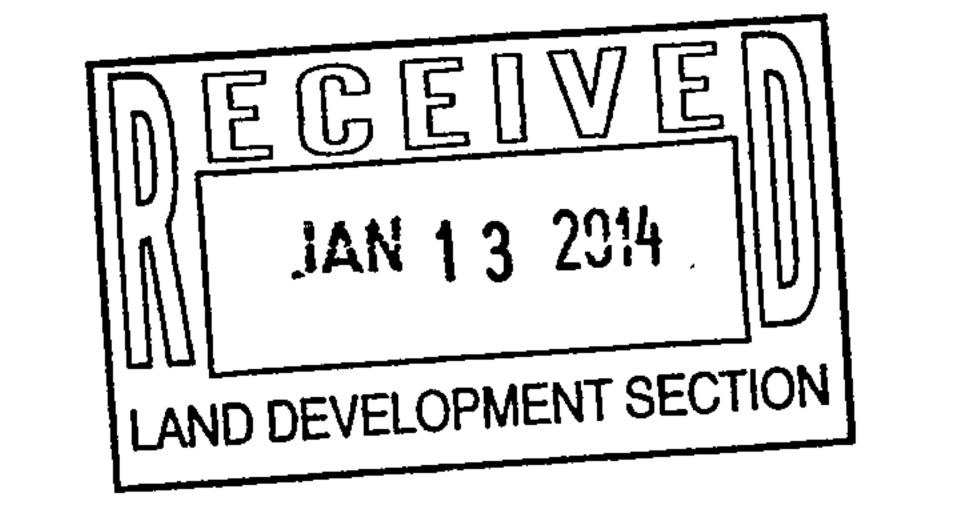
ARCHITECT:
BRR ARCHITECTURE, INC.
6700 ANTIOCH PLAZA, SUITE 300
MERRIAM, KANSAS 66204
TEL: (913) 262-9095
CONTACT: MICHAEL RUCERETO

UTILITY COMPANY
PNM-ELECTRIC SERVICE
4201 EDITH BOULEVARD NE
ALBUQUERQUE, NM 87107
TEL: (505) 241-3697
FAX: (505) 241-3415
CONTACT. MIKE MOYER

CMIL_ENGINEER:
GALLOWAY & COMPANY, INC.
5300 DTC PARKWAY, SUITE 100
GREENWOOD VILLAGE, CO 80111
TEL. 303-770-8884
CONTACT: BRYAN REID, PE

LANDSCAPE ARCHITECT.
GALLOWAY & COMPANY, INC.
5300 DTC PARKWAY, SUITE 100
GREENWOOD VILLAGE, CO 80111
TEL: 303-770-8884
CONTACT: JOE WILSON, RLA, CID

- - -



ADMINISTRATIVE .	AMENDME
FILE # 13-10252 PROJ	ECT # 1008
replace 1200 # co	w store w
208 1 kinsk +	ontdoor
displayer	
Marione	8114/13
APPROVED BY	DATE

SHEET INDEX

DESCRIPTION	SHEET
COVER SHEET	1 of 12
SITE PLAN FOR BUILDING PERMIT	2 of 12
SITE-DETAILS-	3 of 12
SITE DETAILS —	4-of-12
TRASH ENCLOSURE DETAILS	5 of 12
CONCEPTUAL GRADING AND DRAINAGE PLAN	6 of 12
UTILITY PLAN	7 of 12
PHOTOMETRIC PLAN	8 of 12
LANDSCAPE PLAN	9-of-12
LANDSCAPE AND IRRIGATION NOTES & DETAILS	-10 of 12
EXTERIOR ELEVATIONS	11 of 12
ALTA-SURVEY	12 of 12
ALIA SUITE!	

LEGAL DESCRIPTION

LOT 1, BLOCK A-1-A1 AMERICAN SQUARE SUBOMISION, CITY OF ALBUQUERQUE, COUNTY OF BERMULLIO, STATE OF NEW MEXIC
CONTAINING 1 1038 ACRES (48,082 SQ FT) MORE OR LESS.

NOTES

1. CROSSED OUT SHEETS IN SHEET INDEX ARE NOT PART OF SITE DEVELOPMENT PLAN FOR BUILDING PERMIT ADMINISTRATIVE --AND CROSSED OUT APPLICATION

MURPHY OIL
MURPHY EXPRESS SITE

Project No
Sheet Scale

Designed By:

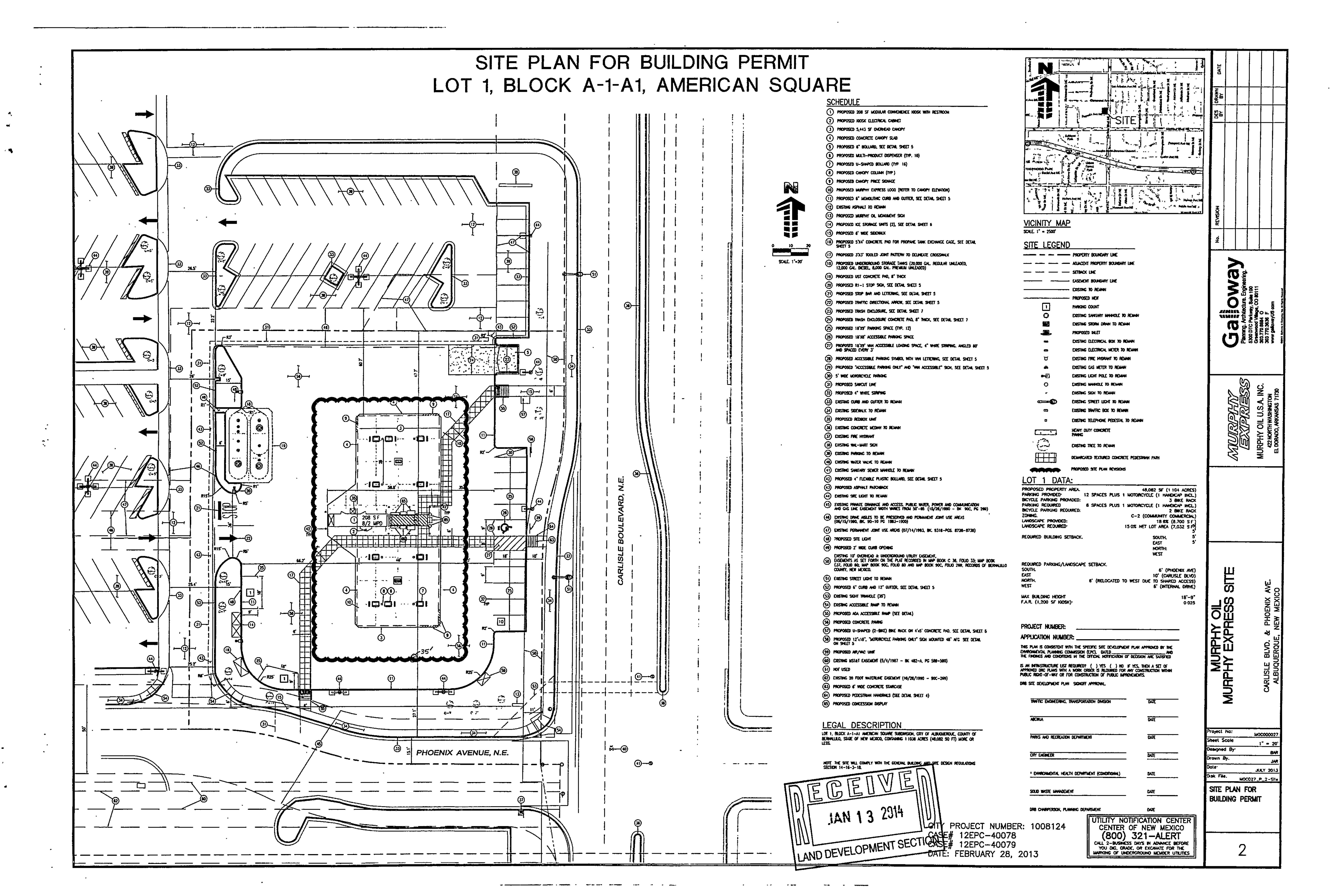
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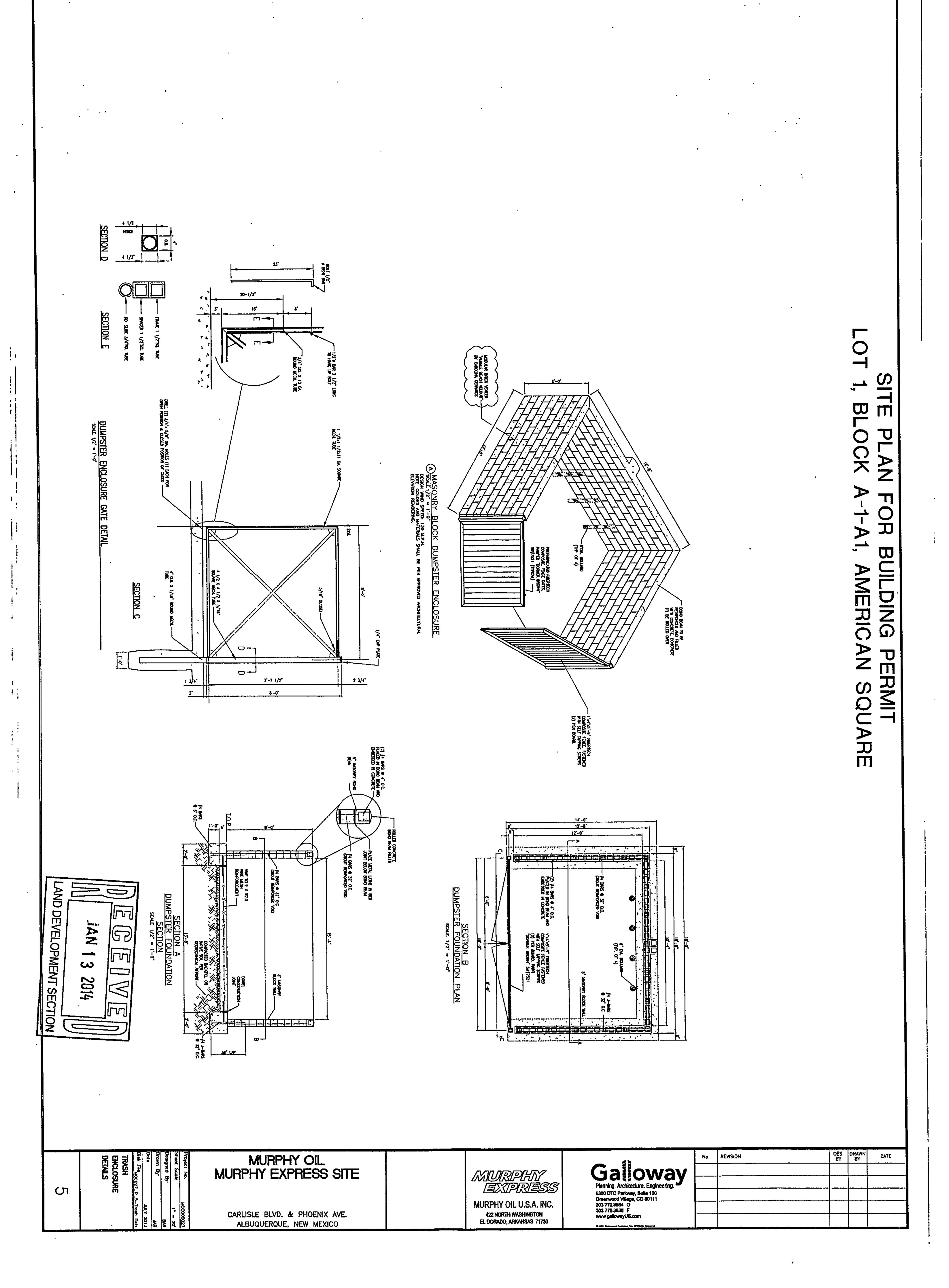
Date:

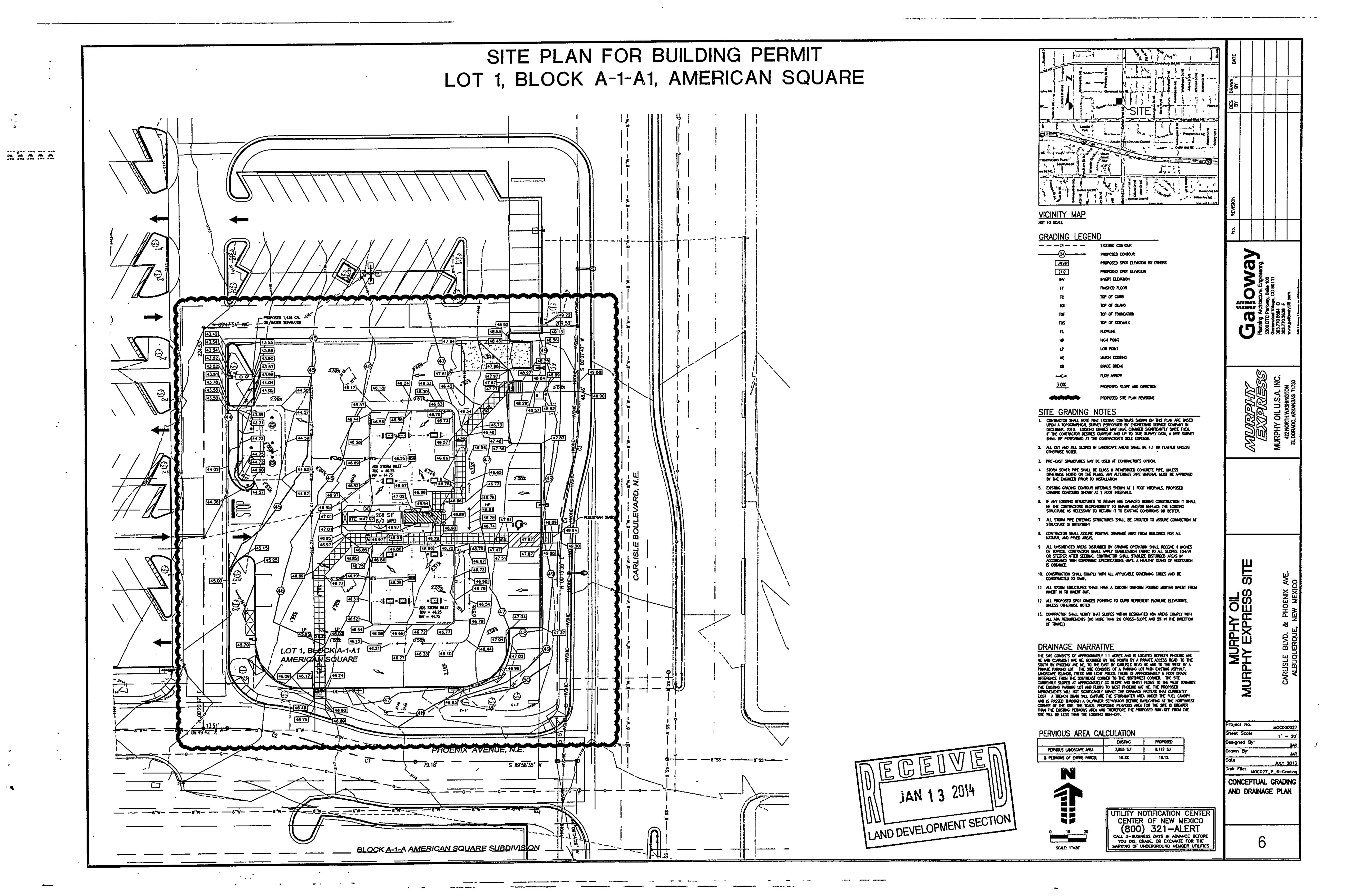
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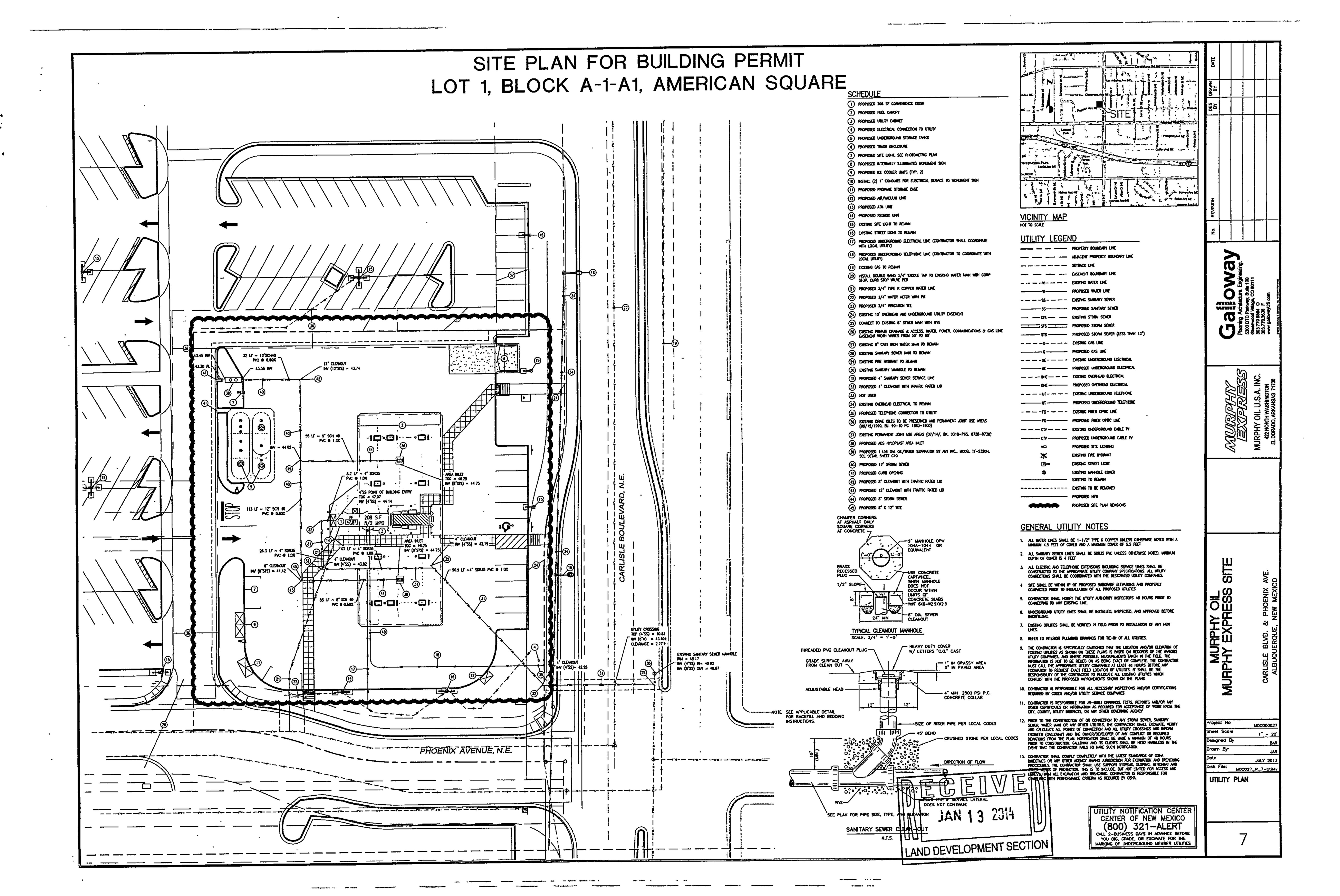
MOC027_P1-Cover

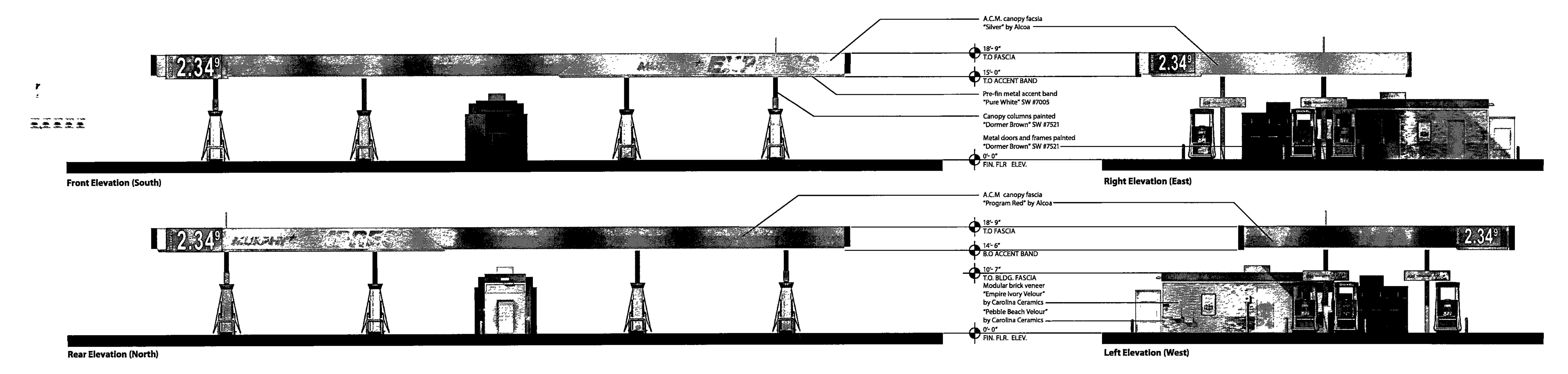
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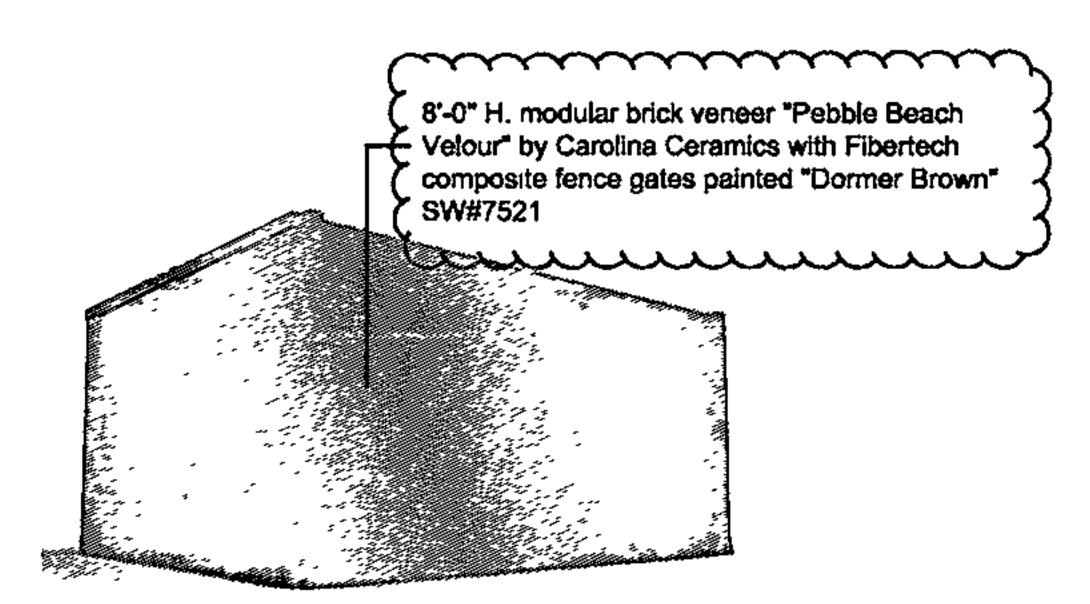




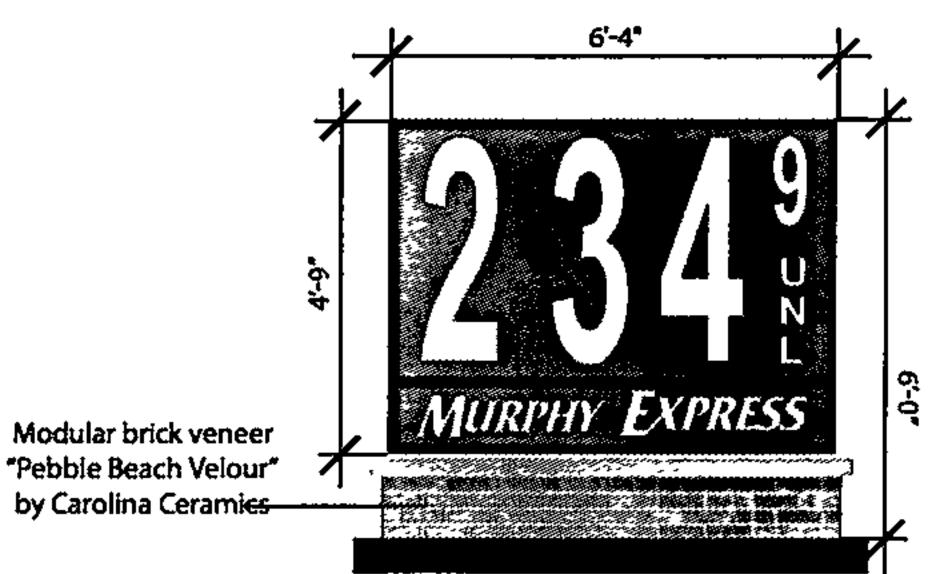








Trash Enclosure



Monument Sign (Not to scale)

Sign	Qty.	Height	Width	Area	Total S.F
Murphy Express logo sign	2	Graph	ic Area	75.00	150.00
Large Canopy Price Sign	1	51.25*	118.00"	42.00	42.00
Small Canopy Price Sign	2	43.13*	97.00*	29.05	58.10
Wall Mount Sign	2	28.00"	44.00"	8.56	17:12
island Spanner	2	25.19"	9719*	17.00	34.00
Monument Sign	1	57.00"	76 00"	30.08	30.08
	-	To	tal Building	Sianage	331.30

 $B \, | \, R \, | \, R$ architecture

MURPHY EXPRESS I IAN 13 2314

LAND DEVELOPMENT SECTION

LAND DEVELOPMENT SECTION

Albuquerque (Carlisle Blvd.), NM July 18, 2013

Olson, Greg

From: Olson, Greg

Sent: Monday, December 23, 2013 4:36 PM

To: 'Bryan Reid'

Cc: Cherne, Curtis; Olson, Greg

Subject: FW: 2707 Carlisle NE, Murphy's oil, oil-water separator inspection

Bryan,

Here's the reply Curtis got from Code Enforcement. The Oil-Water Separator should be ok as designed.

"HAPPY HOLIDAYS !!"

&

Thanks,

Senior Engineer Planning - Hydrology 505-924-3994

From: Clark, Land

Sent: Monday, December 23, 2013 2:46 PM

To: Cherne, Curtis Cc: Olson, Greg

Subject: RE: 2707 Carlisle NE, murphy's oil, oil-water separator inspection

Curtis,

I spoke with the inspector and he will approve the discharge location.

Thanks for the heads up.

Land Clark
Chief Building Official
City of Albuquerque
600 2nd Street NW
Albuquerque, New Mexico 87102
(505) 924-3313 Direct

From: Cherne, Curtis

Sent: Monday, December 23, 2013 1:28 PM

To: Clark, Land Cc: Olson, Greg

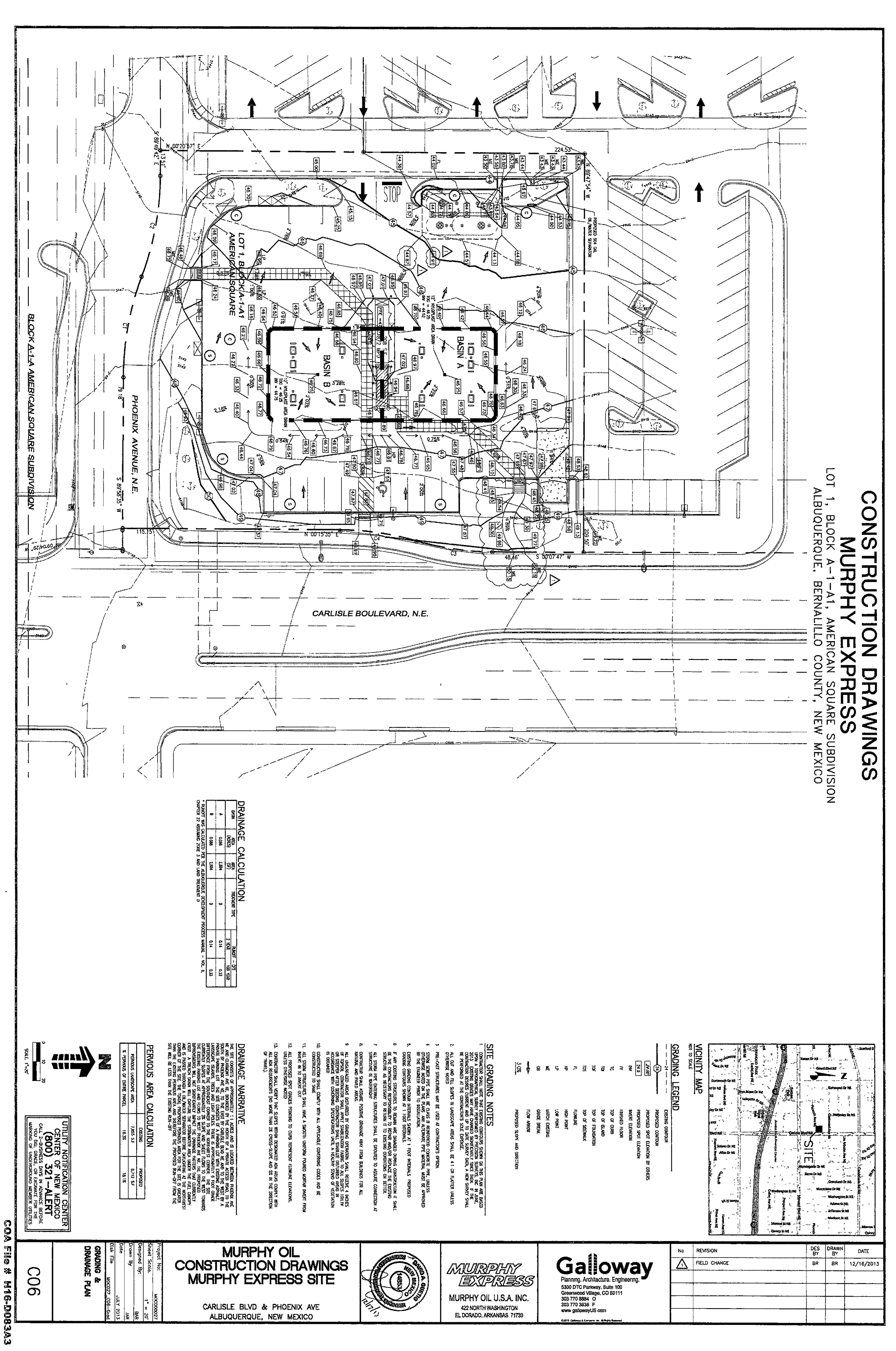
Subject: 2707 Carlisle NE, murphy's oil, oil-water separator inspection

Land,

The engineer for the Murphy's Oil at 2707 Carlisle Blvd NE called me. He reported that the inspector (plumbing?) did not approve the oil/water separator because it discharged to the pavement.

The approved grading and drainage plan shows the oil/water separator discharging to the pavement. This is acceptable to Hydrology because the water coming out of the oil/water separator will have the oil and gas removed and it will just be water.

Curtis



CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



December 19, 2013

Richard J. Berry, Mayor

Mr. David Guetig, P.E.
c/o Bryan Reid
Galloway
5300 DTC Parkway, Suite 100
Greenwood Village, Colorado 80111



RE: Murphy Express. Carlisle & Phoenix

H16-D083A2
PE Stamp dated: - 12/17/2013

2707 Carlisle Blvd. NE

Grading & Drainage Plan, Rev. 1 for Building Permit

Dear Mr. Guetig:

Based upon the information provided in your submittal received 12-19-2013, the above referenced Grading & Drainage Plan, **Revision 1**, is approved for Building Permit.

PO Box 1293

Please attach a copy of this approved, <u>revised</u> plan to the Building Permit, construction sets prior to requesting sign-off by Hydrology.

Albuquerque

Prior to Certificate of Occupancy release, an Engineer's Certification of the As-Built grading and drainage at the site, will be required, per the DPM checklist (Chapter 22).

If you have questions, please email me at grolson@cabq.gov or phone 505-924-3994.

NM 87103

~~ ·

www.cabq.gov

Senior Engineer

Orig: Drainage file Hf16/D083A2

c.pdf Addressee via Email DavidGuetig@GallowayUS.com

c/o BryanReid@GallowayUS.com



December 18, 2013 City of Albuquerque Date: Company: Planning Department 600 2nd St NW, Suite 201 Project: Murphy Oil -Address: Phoenix & Carlisle Albuquerque, NM 87102 - Albuquerque, NM Bryan Reid, PE From: Attention: Tim Sims Revised Civil Plans Re: Project No.: MOC000027.01 We are sending you: Plans, documents Tropoeto. FedEx Overnight Delivered by: Transmitted: For your review Summary of enclosed materials Sheet No. Description Quantity 1/RC Grading and Drainge Plan Site Plan Utility Plan Site Detail Plan Comments: Tim, Per our phone conversation today, I have attached hard copies of the revised construction plans for the Murphy Express site at Phoenix and Carlisle. Please let us know if there are any questions, (303) 770-8884 or bryanreid@gallowayUS.com. Thanks, Bryan CC: Delivered by Attention Transmittal Only File Code Transmittal Only

2013-12-18 Tim Sims.docx

Galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • www.galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway & Company, Inc. • 303.770.8884

Fram: (303) 770-8884 Galloway Reception Galloway & Company, Inc. 5300 DTC Parkway, Suite 100

SHIP TO: (000) 000-0000

Tim Sims

Greenwood Village, CO 80111

City of Albuquerque

Origin ID: APAA

Fedex.
Express

Delivery Address Bar Code

TRK# 0201

Ship Date: 18DEC13
Activity 1.0 LB

CAD: 5341771/INET3430

J13201306280326

BILL SENDER

Invoice # PO# Dept#

ALBUQUERQUE, NM 87102

600 2nd Street NW, Suite 201

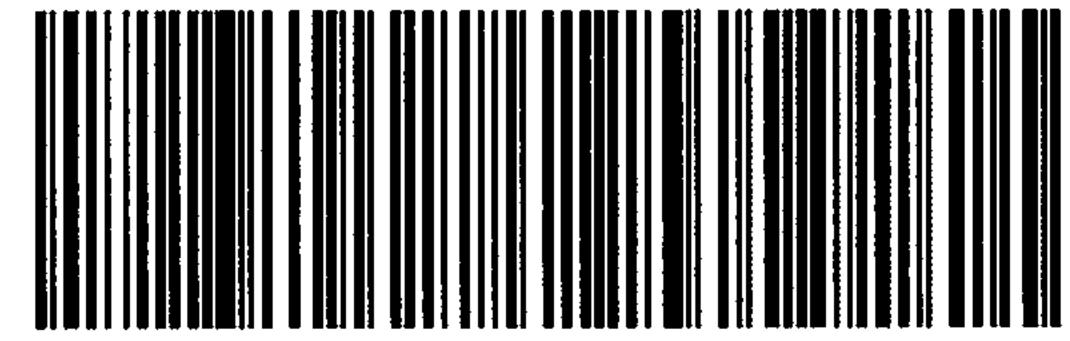
Ref#

MOC000027.01-Bryan Reid

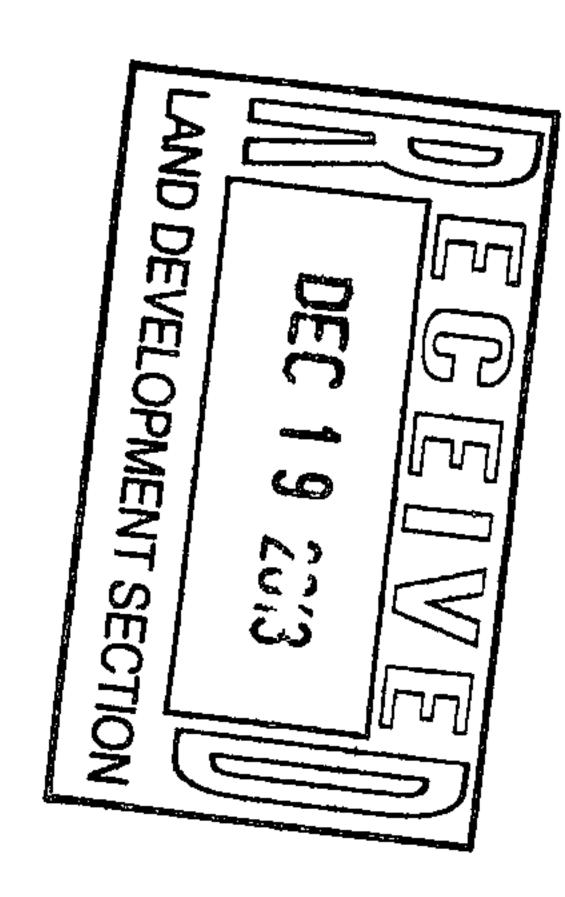
THU - 19 DEC 10:30A PRIORITY OVERNIGHT

7974 4721 1276

87102 NM-U8 **ABQ**



51AG4/99D5/1A9E



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2. Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

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CITY OF ALBUQUERQUE

PLANNING DEPARTMENT - Development & Building Services

August 14, 2013

Roger Barringer, P.E.
c/o: Bryan Reid, P.E.
Galloway
5300 DTC Parkway, Suite 100
Greenwood Village, CO 80111



Richard J. Berry, Mayor

Dear Mr. Barringer:

RE: Murphy Express, Carlisle and Phoenix

Grading and Drainage Plan for Building Permit

File H16-D0083A3
PE Stamp: 8/8/13

Dear Mr. Barringer,

Based upon the information provided in your submittal received August 9, 2013, the above referenced Grading and Drainage Plan is approved for Building Permit.

PO Box 1293

Please attach a copy of this approved plan to the Building Permit, construction sets prior to requesting sign-off by Hydrology.

Albuquerque

Prior to Certificate of Occupancy release, an Engineer's Certification of the As-Built grading and drainage at the site, will be required, per the DPM checklist (Chapter 22).

New Mexico 87103 If you have questions, please contact me by email at grolson@cabq.gov, or telephone 505-924-3994.

www.cabq.gov

Sincerely,

Gregory R. Olson, P.E.

Senior Engineer

Orig: I

Drainage file H16D083A3

c.pdf Addressee via Email: RogerBarringer@gallowayus.com

Bryan Reid, Galloway via: bryanreid@gallowayus.com



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City of Albuquerque

Planning Department

Address:

600 2nd St NW, Suite 201

Albuquerque, NM 87102

Date:

August 8, 2013

Project: Murphy Oil -

Carlisle & Phoenix - Albuquerque, NM

Attention:

Curtis Cherne, PE

From:

Bryan Reid, PE

Re:

Grading & Drainage Plan

Project No.:

MOC000027.01

We are sending you:

Plans, documents

Delivered by:

FedEx Overnight

Transmitted:

For your review

+ ASTRAX

Summary of enclosed materials

Quantity	Sheet No.	Description		
2 Ea.		24" x 36" Grading & Drainage Plans		

Comments:

Curtis, Enclosed are the Grading & Drainage plans for the proposed Murphy Express at Carlisle & Phoenix. Please do not hesitate to contact me at (303) 770-8884 or bryanreid@gallowayUS.com if you have any questions or need any additional information. Thanks, Bryan

CC:

Attention	Transmittal Only	Delivered by

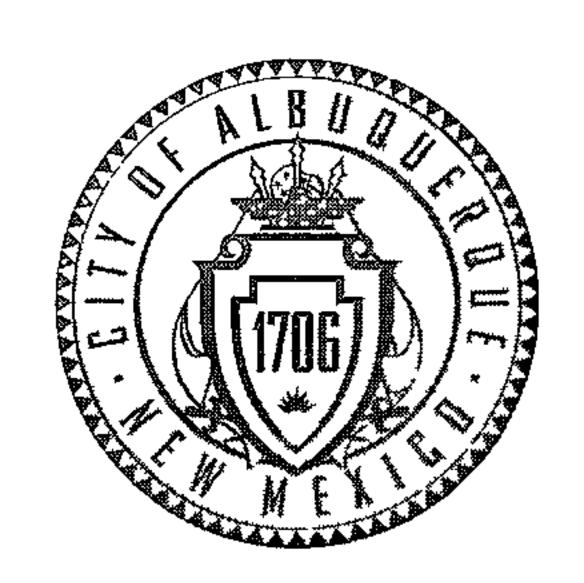
X Transmitta Only
AUG 0 9 2013
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Transmittal to Curtis 8-8-2013.docx

Galloway & Company, Inc. • 303.770.8884 • 5300 DTC Parkway, Suite 100, Greenwood Village, CO 80111 • SEW Galloway US.com

Feder 070-3 (136-070-3 Verselly)

CITY OF ALBUQUERQUE



July 5, 2013

Roger A Barringer, P.E.
Galloway
5300 DTC Parkway, Suite 100
Greenwood Village, CO 80111
bryanreid@gallowayus.com

Re: Murphy Express, Carlisle and Phoenix, Conceptual Grading and Drainage Plan

Engineer's Stamp Date 6-24-13 (H16/D083A3)

Dear Mr. Barringer,

Based upon the information provided in your submittal received 7-3-13, the above referenced plan is approved for Site Plan for Building Permit action by the DRB.

The following comments should be addressed when submitting for Building Permit approval:

PO Box 1293

Albuquerque

1. The northern and southern edges, from the pumps out, do not appear to drain to the trench drain. The grade at these edges will have to be increased so the canopy area drains to the trench drain.

Hydrology met with Bryan Reid and we had discussed wrapping the 47 contour around the canopy area. A 46.5 contour may work.

2. Provide a build note for the oil/water separator, specifying size of the unit.

If you have any questions, you can contact me at 924-3986.

New Mexico 87103

www.cabq.gov

1-4-6

Sincerely,

Curtis Cherne, P.E.

Principal Engineer, Planning Dept.

Development and Building Services

C: file



#16 DOB3A3

Company:

City of Albuquerque

6/24/13

Address:

Planning Department 600 2nd St NW Albuquerque,

Project:

Date:

Murphy Oil -

New Mexico 87102

Carlisle Blvd/

Phoenix St

Attention:

Curtis Cherne, PE

From:

Bryan Reid, PE

Re:

Murphy Oil – Abq – Conceptual

Grading & Drainage Resubmittal

Project No.:

MOC000024.01

We are sending you:

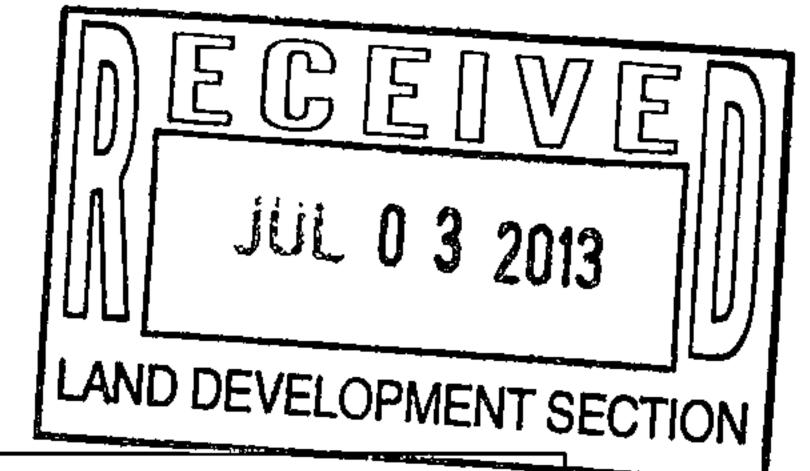
24x36, application

Delivered by:

FEDEX Overnight

Transmitted:

For your review



Summary of enclosed materials

Quantity	Sheet No.	Description
1		Phoenix & Carlisle Concept Grading & Drainage Plan (Revised)
1		Phoenix & Carlisle Concept Grading & Drainage Plan (original submittal)
1		Comment Response Letter
	<u>-</u>	

Comments:

Curtis, Please see enclosed project plans. Please let me know if you have any questions at (303) 770-8884 or bryanreid@gallowayus.com. Thanks, Bryan

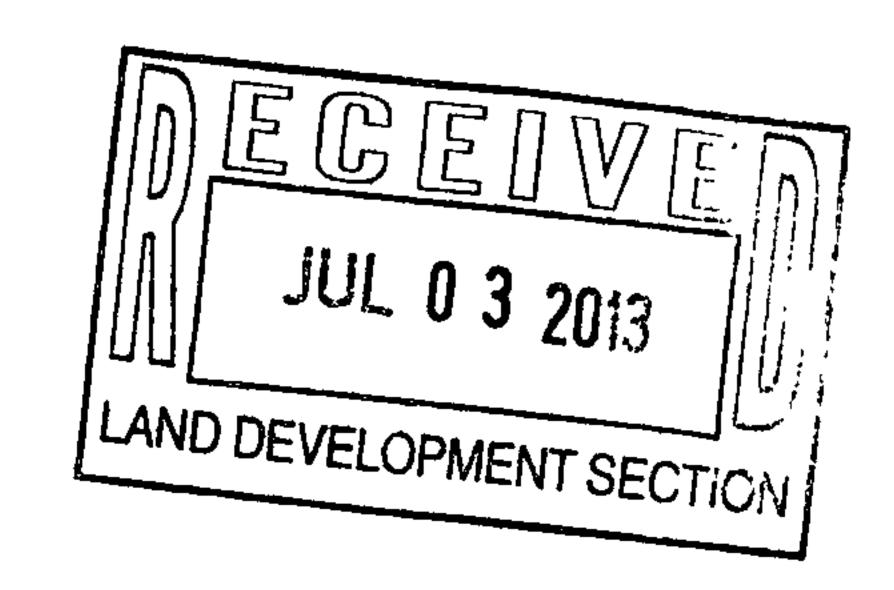
CC:

Attention	Transmittal Onl	y Delivered by	
File Code	Transmittal O	Transmittal Only	



June 24, 2013

Curtis Cherne, P.E.
Planning Department
City of Albuquerque
600 2nd St NW, Suite 201
Albuquerque, New Mexico 87102



Re: Murphy Express, Carlisle and Phoenix, Conceptual Grading and Drainage Plan Engineer's Stamp Date 5-31-13 (H16/D008A3) – Comment Responses

Dear Mr. Cherne,

This letter is to address the comments we received on the above referenced Conceptual Grading and Drainage Plan on June 7, 2013. Our response to each comment is listed in **Bold and Underlined**.

Comment 1.

Proposed grades show the east half of the site draining through the canopy area. The area under the canopy is to be perched and have an isolated strom drain that drains to the oil/water separator to minimize the potential for pollutants to enter the City storm drain system that drains to the river.

Response: The grading for the site has been revised to perch the canopy as requested.

Comment 2.

When submitting for Building Permit approval, please address the following comment: Hydrology has adopted a 500 gallon minimum oil/water separator standard based on input from consulting engineers. You have proposed a 320 gallon separator.

Response: The anticipated 2-year runoff underneath the canopy is approximately of 0.3 cfs (134 gpm) (1.86cfs/ac * (7184sf/43560)). Research on various oil/water seperators led to the Contech VortClarex Oil/Water separator system. Model VCL40, with a capacity of approximately 900 gallons, can accommodate up to 150 gpm of inflow. This is what is now specified on the drainage drawings. Supplemental information on this system has been attached with the letter for reference.

Please feel free to contact me if there are any questions regarding these responses 303.770.8848.

Sincerely, Galloway

Bryan Reid, PE

Civil Project Engineer

bryanreid@gallowayUS.com



Superior Oil/Water Separation: VortClarex®

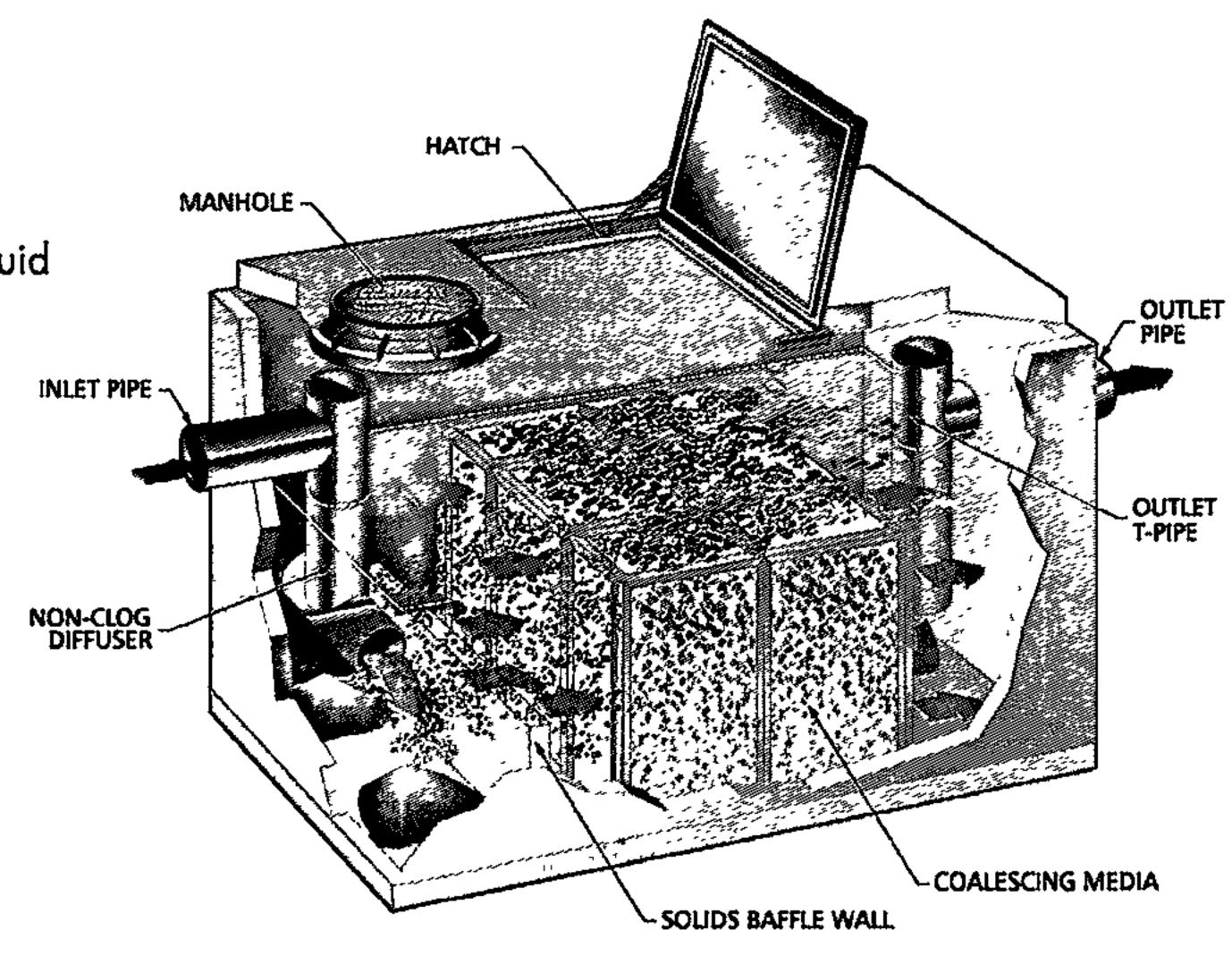
The VortClarex® system is an oil/water separator that utilizes coalescing media to efficiently remove freely dispersed oil and other liquid pollutants from urban runoff and industrial discharges. It specifically targets oil and grease and is designed for sites where removal of these pollutants is of greatest concern or where oil and grease effluent targets are specified. It is typically installed belowground and in-line with the piping system and can also be installed in

Conventional oil/water separators provide gravity separation by using baffles or T-sections, but are only effective on oil droplets greater than 150 microns. The VortClarex coalescing media maximizes surface area, increasing performance and effluent quality. It is typically sized to remove oil droplets as small as 60 microns and achieve an effluent concentration of 10 mg/L or less.

pre-assembled concrete manhole or vault designs.

The VortClarex coalescing media is housed within a precast concrete vault. Unlike other oil/water separators constructed of fiberglass or steel, it does not require anti-floatation hold-down straps or concrete traffic collars. Maintaining the system is easy using a standard water hose and vacuum truck, and the media can be cleaned either inside or outside the structure.

In most cases the system will be installed belowground to treat stormwater runoff; however treating oily water from floor drains and vehicle wash down pads is also possible with the VortClarex. In addition to belowground applications, the VortClarex can also be used to treat process and pumped flow applications in an aboveground configuration.

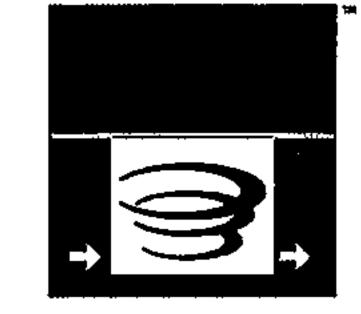


Features and Benefits:

- Polypropylene coalescing media
 - o Removes up to 99% of free oil droplets down to 60 microns (standard design)
 - o Effluent has TPH concentrations of 10 mg/L or less in typical stormwater applications
- Non-turbulent flow through the system
 - o Maximizes efficiency by increasing rise rate and size of droplets
- Precast concrete structure housing
 - o Ensures durability
 - o Meets HS-20 loading requirements
 - o Provides for a shallow installation
- Belowground system maximizes land use
- Meets Spill Prevention, Control and Counter Measure (SPCC) requirements
- Standard and custom models available

How it Works:

Flows enter the VortClarex system via a non-clog diffuser and are distributed across the chamber width. The influent passes over a solids baffle wall where settlable solids drop out, reducing the amount of solids in the flow as it enters the coalescing media. As the flow passes through the media, oily pollutants accumulate on the surface and come into contact with others to form larger, more buoyant droplets. These buoyant droplets rise upward through the media and are released near the water surface. The oil is trapped behind the outlet T-pipe, and treated water exits the system.





VortClarex specifically targets oil and grease



Contech VortClarex Model Sizes and Peak Flow Capacity

VortClarex Model	Dimensions		Tyical Sump Depth		Treatment Flow		Recommended Pipe Size Inlet/Outlet	
	ft	m	ft	m	gpm	lps	in	mm
VCL30	6 x 3	1.8 x 0.9	3.75	1.14	110	6.9	6	150
VCL40	8 x 4	2.4 x 1.2	3.75	1.14	150	9.6	6	150
VCL60-1	12 x 6	3.7 x 1.8	3.58	1.09	225	14.2	8	200
VCL60-2	12 x 6	3.7 x 1.8	3.58	1.09	440	27.7	10	250
VCL80-1	16 x 8	4.9 x 2.4	3.25	0.99	300	18.9	12	300
VCL80-2	16 x 8	4.9 x 2.4	3.42	1.03	620	39.1	12	300
VCL80-3	16 x 8	4.6 x 2.4	3.42	1.03	880	55.5	12	300



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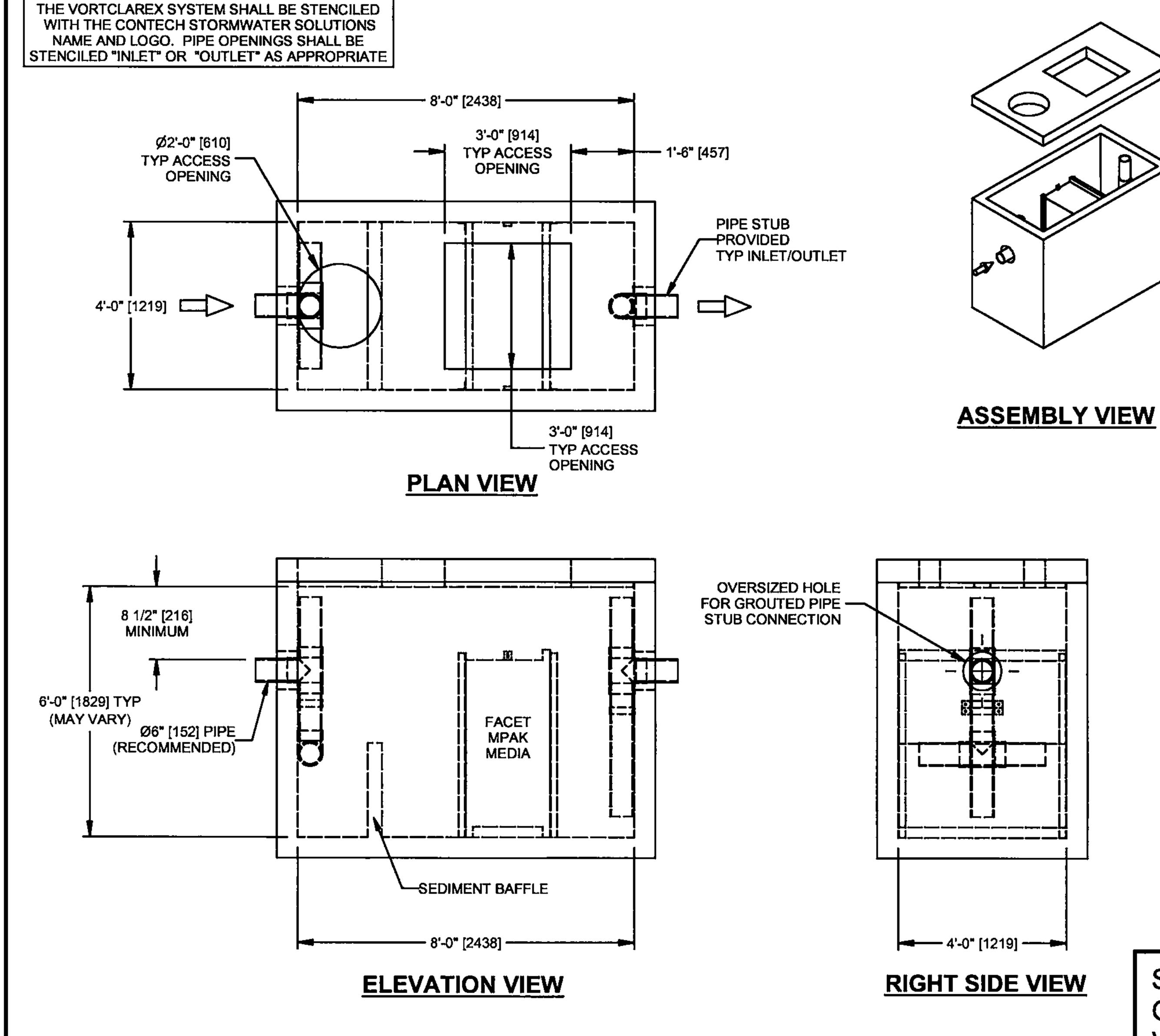
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This CADD file is for the purpose of specifying stormwater treatment equipment to be furnished by CONTECH Stormwater Solutions and may only be transferred to other documents exactly as provided by CONTECH Stormwater Solutions. Title block information, excluding the CONTECH Stormwater Solutions logo and the VortClarex designation, may be deleted if necessary. Revisions to any part of this CADD file without prior coordination with CONTECH Stormwater Solutions shall be considered unauthorized use of proprietary information.

FOR INFORMATIONAL PURPOSES ONLY - NOT INTENDED FOR CONSTRUCTION

GENERAL NOTES:

- 1. FLOW LINE IN AND OUT OF THE VORTCLAREX IS RECOMMENDED TO BE AT THE SAME ELEVATION.
- 2. MANUFACTURER SHALL BE RESPONSIBLE FOR INSTALLATION OF INTERNAL COMPONENTS.
- 3. VAULT IS DESIGNED TO MEET HS20 MINIMUM LOAD REQUIREMENTS.
- 4. MANHOLE AND SQUARE HATCH SUPPLIED WITH SYSTEM, NOT INSTALLED.
- 5. MANHOLE AND HATCH RISERS, GRADE RINGS OR LOCK REQUIRED BETWEEN THE TOP OF THE VORTCLAREX SYSTEM AND BASE OF THE MANHOLE AND HATCH SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL STANDARDS. NOT SUPPLIED BY CONTECH STORMWATER SOLUTIONS
- 6. PURCHASER TO PREPARE EXCAVATION, PROVIDE LIFTING EQUIPMENT AND SET STRUCTURE.
- 7. CONTRACTOR TO CONNECT THE PROVIDED PIPE STUB TO THE EXTERNAL PIPE BY MEANS OF A COUPLER, NOT SUPPLIED BY CONTECH STORMWATER SOLUTIONS.
- 8. VORTCLAREX BY CONTECH STORMWATER SOLUTIONS; PORTLAND, OR (800) 548-4667; SCARBOROUGH, ME (877) 907-8676; LINTHICUM, MD (866) 740-3318
- 9. SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY.
- 10. INLET/OUTLET PIPE DIAMETER AND LOCATION MAY VARY.
- 11. THE VORTCLAREX SHALL REMOVE ESSENTIALLY ALL FREE AND DISPERSED NON-EMULSIFIED OIL FROM THE WATER STREAM AND PRODUCE A DESIRED EFFLUENT BASED ON AN OIL DROPLET TYPICAL OF THE SITE.
- 12. THE VORTCLAREX SHALL BE DESIGNED BASED ON A MAXIMUM AVERAGE FLOW.

THE VORTCLAREX SHALL BE DESIGNED IN ACCORDANCE WITH STOKES LAW AND API BULLETIN NO. 421

STANDARD DETAIL
OIL/WATER SEPARATION SYSTEM
VORTCLAREX® VCL40



SCALE: NONE

DRAWN: JBS

CHECKED: NDG/WSG

FILE NAME: STDVCL40

water.com DATE: 12/7/06

CITY OF ALBUQUERQUE



June 7, 2013

David A. Guetig, P.E.
Galloway
5300 DTC Parkway, Suite 100
Greenwood Village, CO 80111
bryanreid@gallowayus.com

Re: Murphy Express, Carlisle and Phoenix, Conceptual Grading and Drainage Plan

Engineer's Stamp Date 5-31-13 (H16/D008A3)

Dear Mr. Guetig,

Based upon the information provided in your submittal received 6-3-13, the above referenced plan cannot be approved for Site Plan for Building Permit action by the DRB until the following comment is addressed:

PO Box 1293

1. Proposed grades show the east half of the site draining through the canopy area. The area under the canopy is to be perched and have an isolated storm drain that drains to the oil/water separator to minimize the potential for pollutants to enter the City storm drain system that drains to the river.

Albuquerque

Perching the canopy area may also negate the need for a long trench drain that could be replaced with a couple of area inlets.

New Mexico 87103

The finished floor elevation may have to be increased one foot or so. I have included a rough mark-up that I used to evaluate the effect of the increase in grade of the canopy area.

www.cabq.gov

When submitting for Building Permit approval, please address the following comment:

1. Hydrology has adopted a 500 gallon minimum oil/water separator standard based upon input from consulting engineers. You have proposed a 320 gallon separator.

If you have any questions, you can contact me at 924-3986.

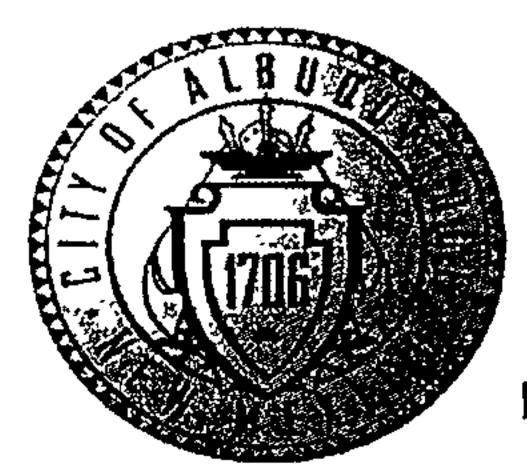
Sincerely,

Curtis Cherne, P.E.

Principal Engineer, Planning Dept.

Development and Building Services

C: file



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

	(REV 02/2013)	1111 702
Project Title: Murphy Express	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	City Drainage #: 1160683
DRB#. 13DRB-70551	EPC#: 12EPC-40078, 12EPC-40079	Work Order#:
Legal Description. Lot 1, Block A-1-A1, American		•
City Address: Northwest corner of Carlisle	e Blvd. NE & Phoenix Ave. NE	
Engineering Firm: Galloway		Contact: Bryan Reid
Address: 5300 DTC Parkway, Suite 100, Green	enwood Village, CO 80111	
Phone#: 303.770.8884	Fax#: 303.770.3636	E-mail: bryanreid@gallowayus.com
Owner: Murphy Oil USA, Inc.		Contact: Rusty Coan
Address: 422 N. Washington, El Dorado, AR,	71730	· · · · · · · · · · · · · · · · · · ·
Phone#: 870.875.7629	Fax#:	E-mail: rusty_coan@murphyoilcorp.com
Architect: BRR Architechture, Inc.	'Ne.	Contact: Michael Rucereto
Address: 6700 Antioch Plaza, Suite 300, Meri	riam, KS, 66204	
Phone#: 913.236.3352	Fax#:	E-mail: michael.rucereto@brrarch.com
Surveyor: Precision Survey		Contact: Larry Medrano
Address: P.O. Box 90636, Albuquerque, NM,	87199	
Phone#: 505.856.5700	Fax#:	E-mail: larry@presuv.com
Contractor: TBD		Contact:
Address.		
Phone#:	Fax#:	E-mail:
TYPE OF SUBMITTAL: □ DRAINAGE REPORT □ DRAINAGE PLAN 1st SUBMITTAL □ DRAINAGE PLAN RESUBMITTAL □ CONCEPTUAL G & D PLAN □ GRADING PLAN □ EROSION & SEDIMENT CONTROI □ ENGINEER'S CERT (HYDROLOGY □ CLOMR/LOMR □ TRAFFIC CIRCULATION LAYOUT □ ENGINEER'S CERT (TCL) □ ENGINEER'S CERT (DRB SITE PL □ ENGINEER'S CERT (ESC) □ SO-19 □ OTHER (SPECIFY) WAS A PRE-DESIGN CONFERENCE AT DATE SUBMITTED: 5/30/2013	SIA/FINANCIAL GUA PRELIMINARY PLAT S. DEV. PLAN FOR SU SECTOR PLAN APPROV SECTOR PLAN APPROV CERTIFICATE OF OC CERTIFICATE OF OC CERTIFICATE OF OC FOUNDATION PERM BUILDING PERMIT A PAVING PERMIT APPROV WORK ORDER APPR GRADING CERTIFIC	APPROVAL DERMIT APPROVAL COVAL COVAL COUPANCY (PERM) COUPANCY (TCL TEMP) IIT APPROVAL APPROVAL APPROVAL APPROVAL ESC PERMIT APPROVAL COVAL ESC CERT. ACCEPTANCE
scope to the proposed development defines the defines the Conceptual Grading and Drainage Place. 2. Drainage Plans Required for building post. 3. Drainage Report: Required for subdivisor.	legree of drainage detail. One or more of the following n Required for approval of Site Development Plans gramits, grading permits, paving permits and site plans lead containing more than ten (10) lots or constituting frequired for any new development and redevelopment a larger common plan of development	less than five (5) acres

final for Jack how discussed for resubert

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