CITY OF ALBUQUERQUE

Richard J. Berry, Mayor

July 7, 2016

J. Graeme Means, P.E.
High Mesa Consulting Group
4715 Moon St NE
Albuquerque, NM, 87111

RE: Sandia BMW
Building Addition
Engineer's Stamp Date 5-12-2016 (File:E17D068)

Dear Mr. Means:

Based upon the information provided in your submittal received 5-12-2016 & the additional information received 7-7-2016, the above referenced Grading and Drainage Plan is approved for Building Permit.

Please attach a copy of this approved plan in the construction sets when submitting for the building permit. Prior to Certificate of Occupancy (CO) release, Engineer Certification per the DPM checklist will be required.

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

Sincerely,

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

Orig: Drainage file

PO Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: Sandia BMW Building Permit #: _____ City Drainage #: E17 D068

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: A Portion of Parcel A-1, Albuquerque Industrial Park

City Address: 6001 Pan American Freeway NE

Engineering Firm: High Mesa Consulting Group Contact: Graeme Means #13676

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: gmeans@highmescg.com

Owner: see Architect Contact: see Architect

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Architect: Jon Anderson Architecture Contact: Jon Anderson

Address: 912 Roma Ave NW, Albuquerque NM 87102

Phone#: 505-764-8306 Fax#: 505-764-2879 E-mail: jonandersonarchitecture.com

Other Contact: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Check all that Apply:

DEPARTMENT:

X HYDROLOGY/ DRAINAGE
_____ TRAFFIC/ TRANSPORTATION
_____ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

_____ ENGINEER/ ARCHITECT CERTIFICATION

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

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

_____ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

X BUILDING PERMIT APPROVAL
_____ CERTIFICATE OF OCCUPANCY

_____ PRELIMINARY PLAT APPROVAL
_____ SITE PLAN FOR SUB'D APPROVAL
_____ SITE PLAN FOR BLDG. PERMIT APPROVAL
_____ FINAL PLAT APPROVAL
_____ SIA/ RELEASE OF FINANCIAL GUARANTEE
_____ FOUNDATION PERMIT APPROVAL
_____ GRADING PERMIT APPROVAL
_____ SO-19 APPROVAL
_____ PAVING PERMIT APPROVAL
_____ GRADING/ PAD CERTIFICATION
_____ WORK ORDER APPROVAL
_____ CLOMR/LOMR
_____ PRE-DESIGN MEETING
_____ OTHER (SPECIFY) _____

RECEIVED
MAY 12 2016
LAND DEVELOPMENT SECTION

IS THIS A RESUBMITTAL?: _____ Yes X No

DATE SUBMITTED: 05-12-16 By: Justin Schara

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ___

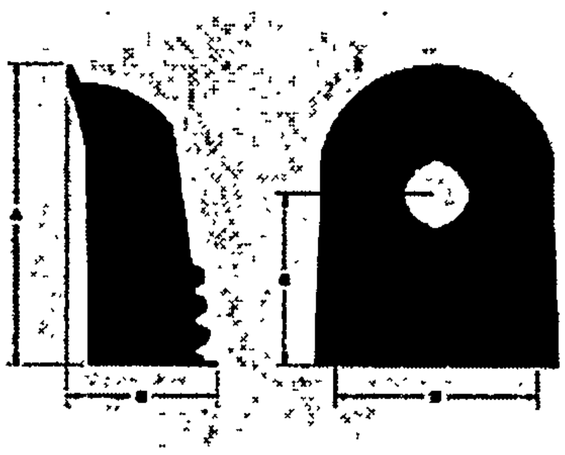
NYLOPLAST ENVIROHOOD SPECIFICATION

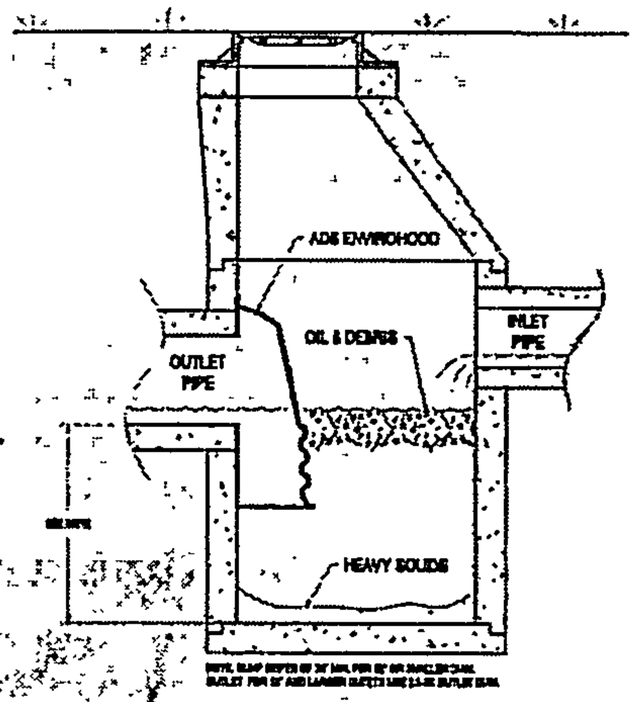
SCOPE

This specification describes the EnviroHood for use in stormwater conveyance systems.

REQUIREMENTS

- All hoods shall be constructed of polyethylene.
- The size and position of the hood shall be determined by the outlet pipe size as per manufacturer's recommendation.
- The bottom of the hood shall extend downward a minimum distance of 6" (15 cm) for pipes < 12" (30 cm).
- Installation hardware and instructions shall be provided by manufacturer.
- Installation shall be in accordance with Nyloplast installation procedures and those issues by local building/construction regulations.





TYPICAL INSTALLATION

STRUCTURE TYPE	OUTLET COVERED	PART NUMBER*	GENERAL DIMENSIONS In. (cm) A	B	C	D
48" (120 cm) Round Concrete	up to 18" (45 cm)	5818AGR	30.2 (75)	14.9 (35)	17.2 (45)	20.5 (50)
49"–54" (120–135 cm) Round Concrete	up to 24" (60 cm)	5824AGR	41.7 (105)	18.0 (45)	26.9 (70)	26.9 (70)
54"–60" (135–150 cm) Round Concrete	up to 30" (75 cm)	5830AGR	48.7 (120)	20.5 (50)	30.5 (75)	33.1 (85)
Flat Concrete	up to 18" (45 cm)	5818AGF	30.2 (75)	11.8 (30)	17.2 (45)	20.4 (50)
Flat Concrete	up to 24" (60 cm)	5824AGF	41.8 (105)	15.3 (40)	26.9 (70)	27.0 (70)
Flat Concrete	up to 30" (75 cm)	5830AGF	48.8 (120)	18.3 (45)	30.5 (75)	34.0 (85)
18" (45 cm) Nyloplast	up to 12" (30 cm)	5818AG0412	19.4 (50)	9.8 (25)	12.3 (30)	13.8 (35)
24" (60 cm) Nyloplast	up to 15" (40 cm)	5824AG0415	26.5 (65)	12.8 (30)	14.5 (35)	20.0 (50)
30" (75 cm) Nyloplast	up to 18" (45 cm)	5830AG0418	32.8 (85)	15.4 (40)	18.7 (45)	26.0 (65)

*Includes installation hardware

For more information on EnviroHood and other ADS products, please contact our Customer Service Representatives at 1-800-821-6710

BRO 10853 07/12

Advanced Drainage Systems, Inc.
4640 Trueman Blvd., Hilliard, OH 43026
1-800-821-6710 www.ads-pipe.com

ENVIROHOOD STRUCTURE

The Nyloplast EnviroHood™ is an innovative stormwater management device attached to the inside of a catch basin or manhole designed to prevent the outflow of floating debris and oil.

The need for cleaner stormwater has caused municipal leaders to demand forward-thinking solutions to improve their overall water quality. The EnviroHood offers lower installed costs and less intrusive installations than competitive devices.

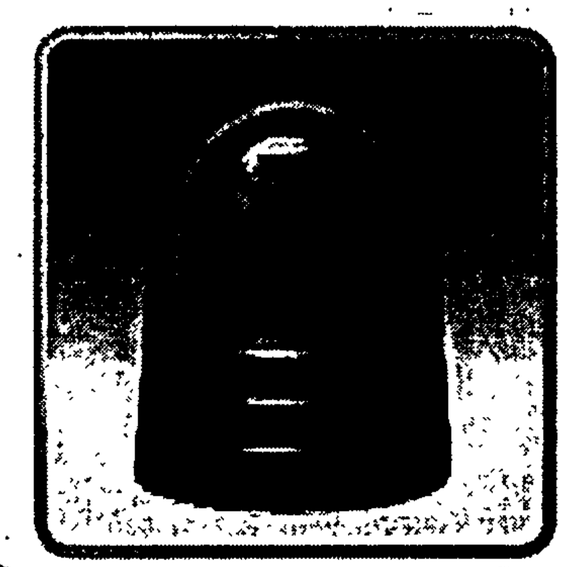
Engineered for Optimal Performance

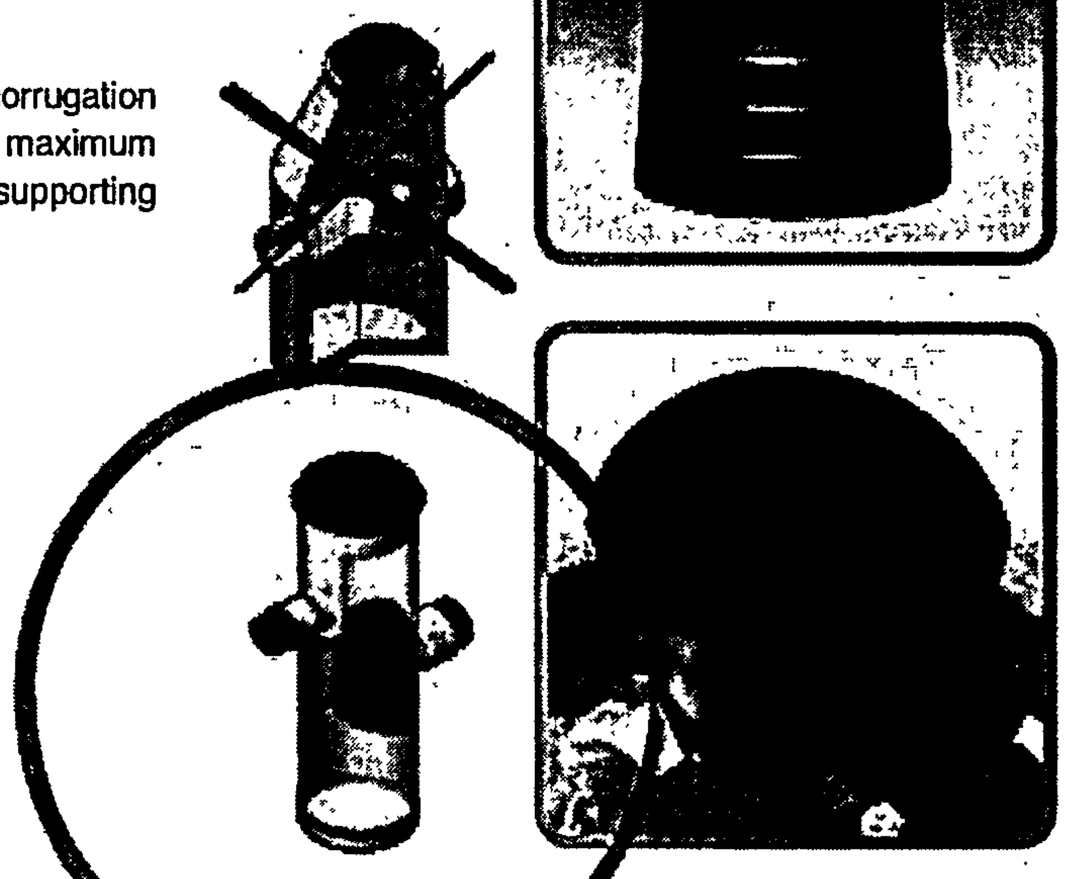
The innovative design incorporates the same proven corrugation technology used on ADS N-12® pipe products. This delivers maximum strength to weight ratio and ensures the structure is capable of supporting the hydraulic forces of a rainfall event.

Features & Benefits:

- Molded from High Density Polyethylene (HDPE) for lightweight and sturdy design
- Corrugated design eliminates flat surfaces and provides increased structural capacity
- Effective low-cost solution for storm water treatment
- Easy to clean
- Highly corrosion-resistant for long service life

EnviroHood™





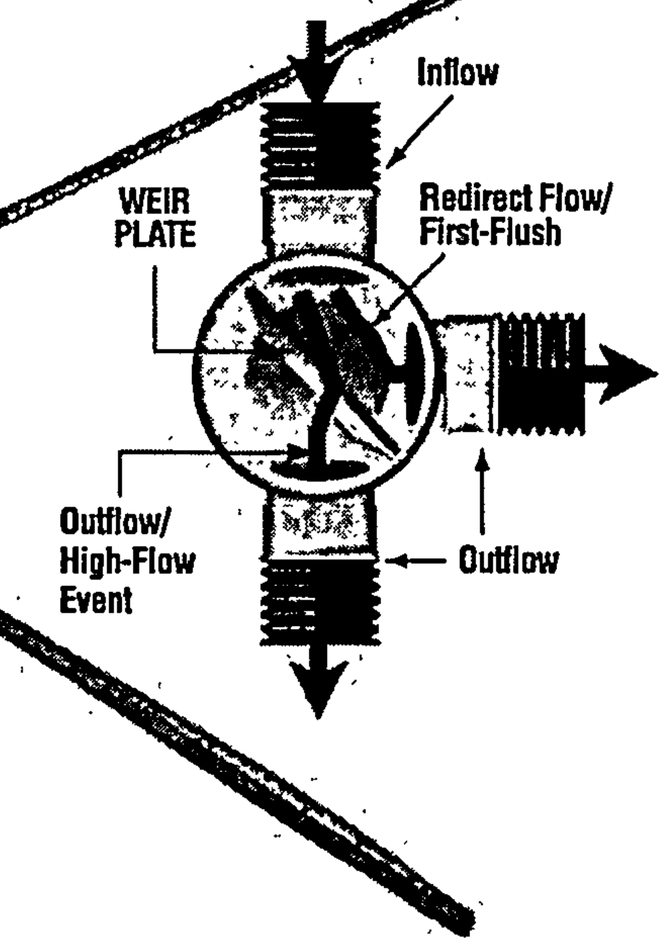
WEIR STRUCTURE

How the Weir Structure Works:

- Storm water flows into the Nyloplast catch basin structure.
- The water flow is diverted to a desired outlet from the catch basin, typically to a water quality device, in order to effectively capture pollutants during the "first flush" of a storm event.
- The Weir Structure may also serve to restrict or regulate the flow of water exiting the drainage system. The restriction is determined by height of the weir and/or the size of the orifice hole in the weir plate.

Weir Structure Benefits:

- Simple and effective method to direct the inlet flow into a stormwater management system or water quality device.
- Simple and effective method to regulate outlet flow from a stormwater management system.
- Enhances ability of a water quality device to capture pollutants from storm event.
- Allows for flexibility to re-direct water flow during a high-flow event.
- Proven technology used for many years in the irrigation market.
- Nyloplast can customize Weir Structures (at the direction of the design engineer) to provide a variety of weir functions for site-specific needs, including "key way slot" and "v-notch" weir designs, and high flow or low flow orifice hole designs to further regulate the flow of storm water.



*The Most **Advanced** Name in Drainage Systems*

Justin Schara

From: Justin Schara
Sent: Thursday, May 12, 2016 4:05 PM
To: plndrs@cabq.gov
Subject: Sandia BMW - Hydrology Submittal for Bldg Permit
Attachments: Sandia BMW 100% Grading & Drainage Plans.pdf

Here are the pdfs for our Sandia BMW hydrology submittal, we will be dropping off the hard copies this afternoon.

Thanks.

Justin

HIGH MESA Consulting Group

Justin D. Schara, E.I.

6010-B Midway Park Blvd. NE
Albuquerque, NM 87109
www.highmesacg.com

Phone: 505.345.4250
Fax: 505.345.4254
jschara@highmesacg.com

We invite you to visit our updated website at www.highmesacg.com

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 6, 2003

August Mosimann, P.E.
Sonalysts, Inc.
2100 Air Park Pl. Suite 202
Albuquerque, NM 87106

Re: Sandia BMW Remodel and Expansion, 6001 PanAmerican Freeway NE, Certificate of Occupancy

Engineer's Stamp dated 10-02-03 (F17/D68)

Certification dated 10-02-03

Dear Mr. Mosimann,

Based upon the information provided in your submittal dated 10-02-03, the above referenced certification is approved for release of permanent Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3981.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: Phyllis Villanueva
file

E-17/D68

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 6, 2003

August Mosimann, PE
Sonalysts, Inc.
2100 Air Park Place, Suite 202
Albuquerque, NM 87106

RE: Sandia BMW Remodel and Expansion
Grading and Drainage Plan (E-17/D68)
Engineer's Stamp Dated January 31, 2002

Dear Mr. Mosimann:

The above referenced grading and drainage plan received January 31, 2003 is approved for Building Permit. Please attach a copy of the approved plan to the construction set. Prior to Certificate of Occupancy approval, an Engineer's Certification per the Development Process Manual is required.

If you have any questions please call me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, Planning Dept.
Development and Building Services

C: file

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 22, 2004

August Mosimann, P.E.
Sonalysts, Inc.
2100 Air Park Pl. Suite 202
Albuquerque, NM 87106

Re: Sandia Mini, 6100 Pan American Freeway NE, Grading and Drainage Plan
Engineer's Stamp dated 3-11-04 (E17/D68)

Dear Mr. Mosimann,

Based upon the information provided in your submittal received 3-11-04, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Please update your files with the following information: the above referenced site is located within Flood Zone X (as shown in Flood Insurance Rate Map, Panel 139, Map Number 35001C0139E).

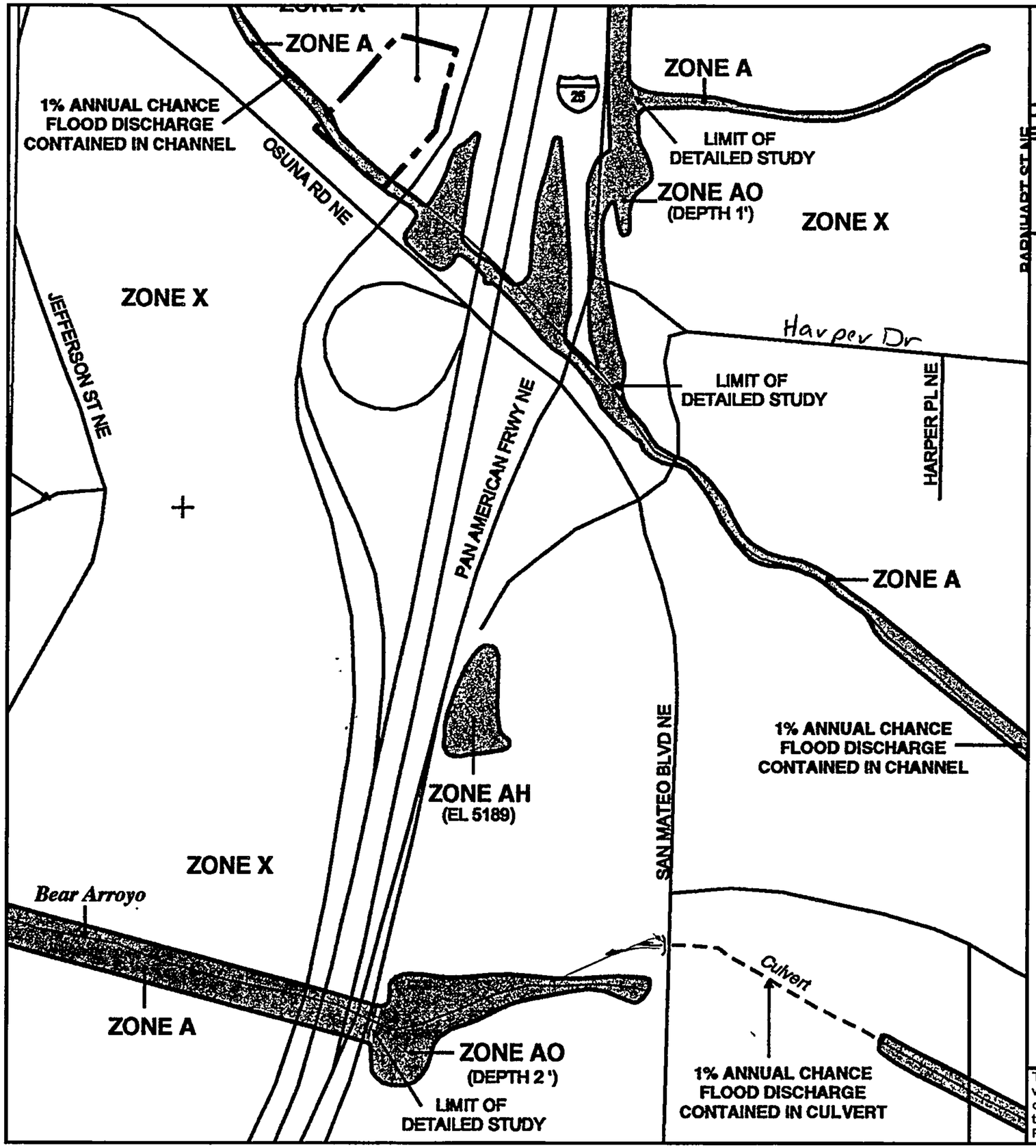
This project requires a National Pollutant Discharge Elimination System (NPDES) permit. If you have any questions regarding this permit please feel free to call the DMD Storm Drainage Design section at 768-3654 (Charles Caruso) or 768-3645 (Bryan Wolfe).

If you have any questions, you can contact me at 924-3981.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: Charles Caruso, DMD Storm Drainage Design
File



MAP SCALE 1" = 500'

500 1000 FEET

METERS

PANEL 0139E

FIRM

FLOOD INSURANCE RATE MAP

BERNALILLO COUNTY, NEW MEXICO
AND INCORPORATED AREAS

PANEL 139 OF 825

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ALBUQUERQUE, CITY OF	350002	0139	E
BERNALILLO COUNTY	350001	0139	E

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
35001C0139E
MAP REVISED
NOVEMBER 19, 2003

Federal Emergency Management Agency

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 3, 2003

Jon Anderson AIA
912 Roma Avenue NW
Albuquerque, NM 87102

RE: Sandia BMW
6001 Pan American Freeway NE
TCL Certification Dated 10-3-03

DRB-93-436
Project #1002230
Zone E-17

Dear Mr. Anderson,

Based upon the information provided in your submittal dated 10-3-03, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Transportation Development.

If you have any questions, you can contact me at 924-3991.

Sincerely,

Wilfred Gallegos, PE
Principal Engineer, Planning Dept.
Building and Development Services

C: Phyllis Villanueva, COA
file

CITY OF ALBUQUERQUE

Planning Department
Transportation Development Services Section

February 14, 2005

Jon Anderson, Registered Architect
912 Roma Avenue NW
Albuquerque, NM 87102

Re: Certification Submittal for Final Building Certificate of Occupancy for
Sandia Mini , [E-17 / D68]
6001 Pan American Freeway NE
Architect's Stamp Dated 02/11/05

Dear Mr. Anderson:

The TCL / Letter of Certification submitted on February 14, 2005 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Sincerely,

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

c: Engineer
Hydrology file
CO Clerk

P.O. Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

JON ANDERSON ARCHITECT AIA
912 ROMA AVENUE NORTHWEST
ALBUQUERQUE NEW MEXICO 87102
505 764 8306 FAX 505 764 2879

STATE OF NEW MEXICO
2/11/05
JON ANDERSON
No. 1100
REGISTERED ARCHITECT

February 11, 2005

Wilfred A. Gallegos, P.E.
Traffic Engineer, Planning Dept.
City of Albuquerque
Development and Building Services
Plaza del Sol
600 Second Street NW
Albuquerque, NM 87102

Re: Sandia MINI — DRB-93-436 — OZZHE-01434
6001 Pan American Freeway NE — Project # 1002230 — (E17-D68)

Dear Wilfed,

Per your request I am writing this letter to tell you that I have visited the above referenced site. The purpose of this visit was to visually observe the status of the site improvements to make sure that everything was in substantial compliance with the approved site plan dated May 5, 2004.

It appears that all work described on this drawing has been accomplished, and is in compliance with the approved Traffic Circulation Layout dated 6/16/04.

This letter of Certification has been prepared to satisfy the requirements of the City of Albuquerque Transportation Department. If you should have any questions or comments concerning this letter or the above information, please do not hesitate to call.

Sincerely

Jon Anderson

RECEIVED
FEB 14 2005
HYDROLOGY SECTION

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 16, 2004

Jon Anderson, R.A.
912 Roma Ave. NW
Albuquerque, NM 87102

Re: Sandia Mini, 6001 Pan American Freeway, Traffic Circulation Layout
Architect's Stamp dated 5-05-04 (E17-D68)

Dear Mr. Anderson,

The TCL submittal received 6-16-04 is approved for Building Permit. The plan is stamped and signed as approved. A copy of this plan will be needed for each of the building permit plans. Please keep the original to be used for certification of the site for final C.O. for Transportation.

If a temporary CO is needed, a copy of the original TCL that was stamped as approved by the City will be needed. This plan must include a statement that identifies the outstanding items that need to be constructed or the items that have not been built in "substantial compliance," as well as the signed and dated stamp of a NM registered architect or engineer. Submit this TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

When the site is completed and a final C.O. is requested, use the original City stamped approved TCL for certification. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3306.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

cc: file