

CITY OF ALBUQUERQUE

Planning Department
Suzanne Lubar, Director



Mayor Richard J. Berry

September 13, 2016

Richard Dourte, P.E.
RHD Engineering, LLC
4305 Purple Sage Ave NW
Albuquerque, NM 87120

RE: **Discount Towing**
109 Headingly Ave NW
Revised Grading and Drainage Plan
Engineers Stamp Date 10/8/15 (G15D201)

Dear Mr. Dourte,

PO Box 1293

Based upon the information provided in your submittal received 9/12/16 with stamp date 10/8/15 and clouded date of 4/12/16, this plan is approved for Building Permit.

Albuquerque

Please attach a copy of this approved plan dated 10/8/15 clouded date 4/12/16 to the construction sets in the permitting process prior to sign-off by Hydrology.

New Mexico 87103

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely,

Abiel Carrillo, P.E.
Principal Engineer, Hydrology
Planning Department

RR/AC
C: File



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Discount Towing Building Permit #: _____ City Drainage #: G15D0201

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

Legal Description: Lots 16,17,18,19, Block A, Monkbridge Addition

City Address: 109 Headinlgy Ave NW

Engineering Firm: RHD Engineering, LLC Contact: Richard Dourte

Address: 4305 Purple Sage Ave. NW, Albuquerque, NM, 87120

Phone#: 505-288-1621 Fax#: _____ E-mail: rhengineering@outlook.com

Owner: Discount Towing Contact: _____

Address: _____

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

Architect: Simons Architecture PC Contact: Joe Simons

Address: _____

Phone#: 505-480-4796 Fax#: _____ E-mail: joe@simonsarchitecture.com

Surveyor: Alpha Pro Surveying LLC Contact: Gary Gritsko

Address: _____

Phone#: 505-892-1076 Fax#: _____ E-mail: gary@alphaprosurveying.com

Contractor: _____ 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 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
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED: _____

DATE SUBMITTED: Sept 12, 2016

Yes ☒ No ☐

Copy Provided

By: R Dourte

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

1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. Erosion and Sediment Control Plan: Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than an part of a larger common plan of development

CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

SPOT ELEVATION LEGEND

- +00.0 = ELEVATION AT GROUND
- +00.00TA = ELEVATION AT TOP OF ASPHALT PAVING
- +00.00SW = ELEVATION AT TOP OF SIDEWALK
- +00.00CO = ELEVATION AT TOP OF CONCRETE
- +00.00TC = ELEVATION AT BACK OF CURB
- +00.00FL = ELEVATION AT FLOWLINE OF CURB
- +00.00ER = ELEVATION AT EDGE OF ROAD
- +00.00TW = ELEVATION AT TOP OF WALL
- +00.00RM = ELEVATION AT RIM OF MANHOLE

AGRS STATION "NM-47-10"
NM STATE PLANE COORDINATES
N=1500810.208, E=1523633.488
CENTRAL ZONE (NAD 83)
G-S FACTOR: 0.99998177
MAPPING ANGLE: -0°13'28.96"
NAVD 1988 ELEVATION=4970.252

New First Flush Pond
25ft x 25ft x 1ft
Volume = 625cf

AMENDED GRADING PLAN

Original plan approved Oct. 19, 2015 for
stamp dated plan 10-08-2015

The clouded section is the revised area of this drainage plan. The original "new building" was 2400sf, with the increased building area of 700sf, the new building area is 3100sf. The addition flow from this 700sf building is .07cfs, and 124cf for the 100yr, 6hr event. This increases the excess precipitation from the new building, including the 700sf increase from 4.6 cfs to 4.67cfs and the excess precipitation from 424cf to 548cf. The first flush requirement is 3100sf x .44in x 1/12 = 587cf. The pond as originally designed has a volume of 625cf, thus it is greater than the first flush requirements and it is also larger than the excess precipitation created by the 3100sf building.

SYMBOLS LEGEND

- * = LIGHT POLE
- = POWER POLE
- OH- = OVERHEAD UTILITY LINE
- S- = UNDERGROUND SEWER LINE
- = ANCHOR
- ⊙ = SEWER MANHOLE
- ⊕ = DRAINAGE MANHOLE
- ⊗ = WATER METER
- ⊗ = FIRE HYDRANT
- ⊗ = DROP INLET
- X- = FENCE

DRAINAGE CERTIFICATION WITH SURVEY WORK BY PROFESSIONAL SURVEYOR

I, Richard Dourte, NMPE 10854, OF THE FIRM RHD Engineering, LLC, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 4-12-16. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY Gary Gritsko, NMPS 8686, OF THE FIRM Alpha Surveying, LLC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON Sept. 12, 2016 AND HAVE 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 Building Permit. (DESCRIBE ANY EXCEPTIONS AND/OR QUALIFICATIONS HERE IN A SEPARATE PARAGRAPH)

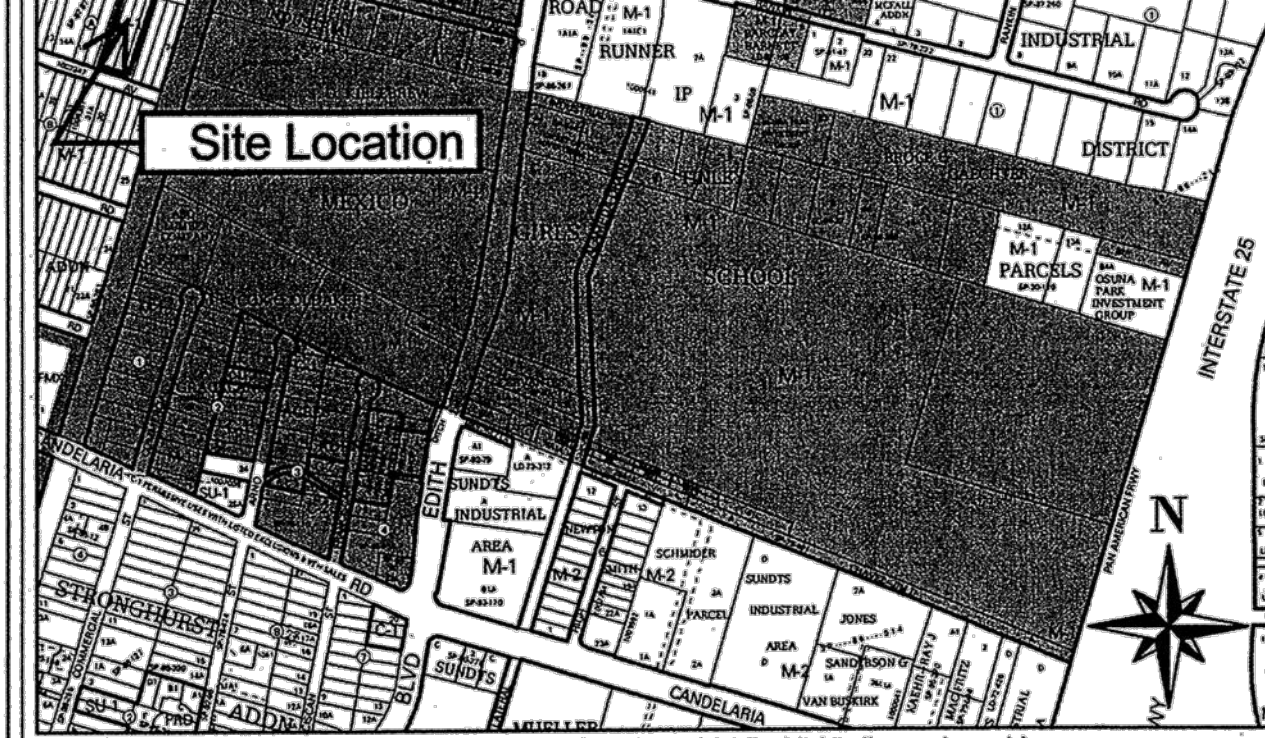
1- The pond was graded approximately 0.3ft deeper than the design, thus the capacity for the first flush pond exceeds the design pond.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Richard Dourte
Richard Dourte, NMPE 10854

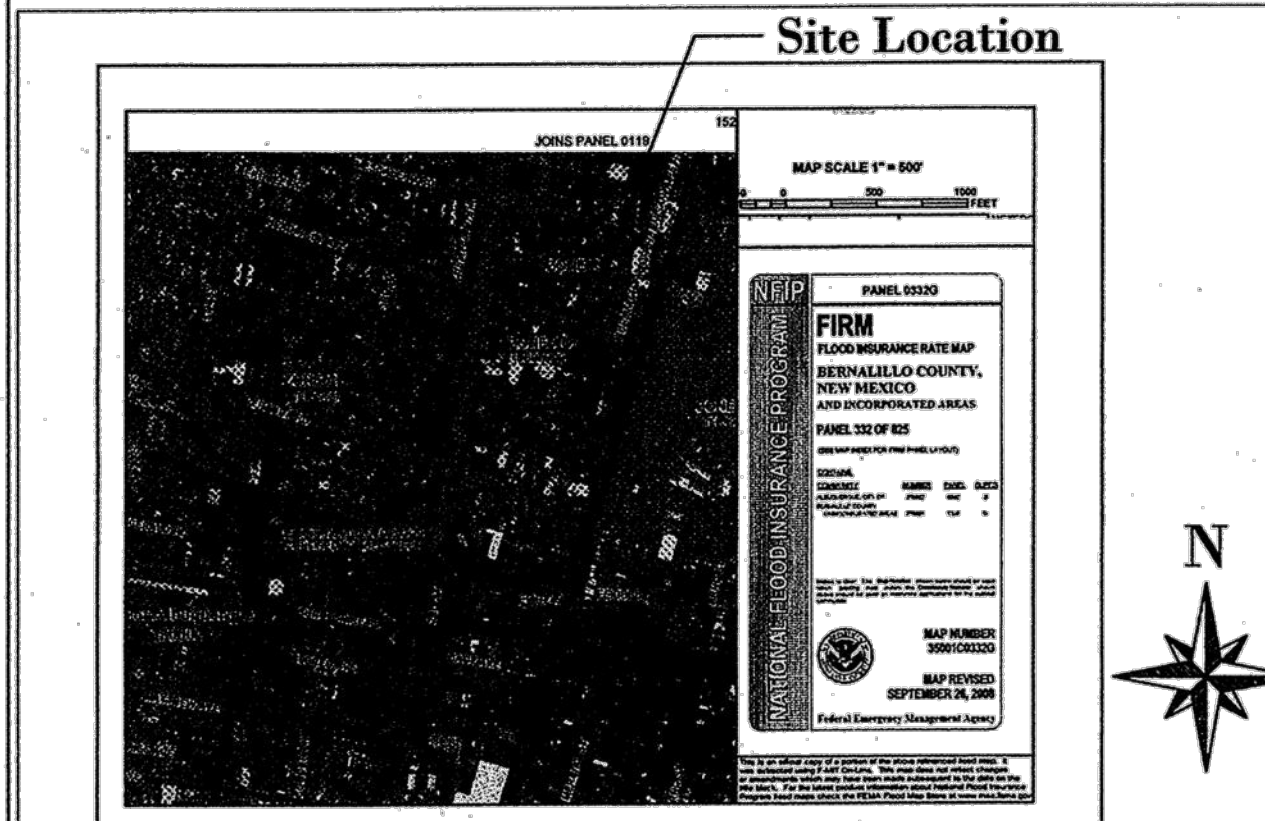
Sept. 12, 2016
DATE

(SEAL)



VICINITY MAP:

G-15-Z



FIRM MAP:

35001C0332G

LEGAL DESCRIPTION:

Lots 16, 17, 18 & 19, Block A
Monkbridge Addition
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

NOTES:

- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- RETAIN THE FIRST .34" OF STORM RUNOFF FROM NEW DEVELOPMENT TO CONFORM TO THE WATER QUALITY REQUIREMENTS
- THIS SITE IS LOCATED WITHIN AN X FLOOD ZONE, PROTECTED BY LEVEE. THE ADJACENT STREET IS LOCATED IN AN AO FLOOD ZONE WITH A DEPTH OF 1FT.

LEGEND

- 46.00 = PROPOSED SPOT ELEVATION
- + 46.00 = PROPOSED SPOT ELEVATION
- 5601- = EXISTING CONTOUR
- 5600- = EXISTING INDEX CONTOUR
- 5601- = PROPOSED CONTOUR
- 5600- = PROPOSED INDEX CONTOUR
- - - = LOT LINE
- - - = CENTERLINE
- - - = RIGHT-OF-WAY
- - - = PROPOSED RETAINING WALL
- - - = PROPOSED ROCK FACE WALL
- - - = EXISTING CURB AND GUTTER
- - - = PROPOSED EDGE OF CONCRETE
- - - = PROPOSED FLOWLINE
- - - = EXISTING WALL
- - - = PROPOSED BASIN BOUNDARY
- - - = PROPOSED BUILDING

ENGINEER'S SEAL	Discount Towing 109 Headingly Ave. NW	DRAWN BY RHD
	GRADING AND DRAINAGE PLAN	DATE 9-01-15
	RHD Engineering, LLC 4305 Purple Sage Ave. NW ALBUQUERQUE, NM 87120 (505) 288-1621	SHEET # 1 of 1
Richard Dourte P.E. #10854		JOB #