CITY OF ALBUQUERQUE

August 5, 2016



Richard J. Berry, Mayor

Ron E. Hensley, P.E.
THE Group
300 Branding Iron Road S.E.
Rio Rancho, NM, 87124

RE: Assisted Living Home

Grading and Drainage Plan

Engineer's Stamp Date 7-12-16 (C19D062)

Dear Mr. Hensley:

Based upon the information provided in your submittal received 7-14-206, the above referenced Grading & Drainage Plan is approved for Building Permit and SO-19 Permit.

We understand that the building permit was issued prior to this approval. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required, as well as acceptance from DMD regarding the inspection of the SO-19 elements.

PO Box 1293

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

Albuquerque

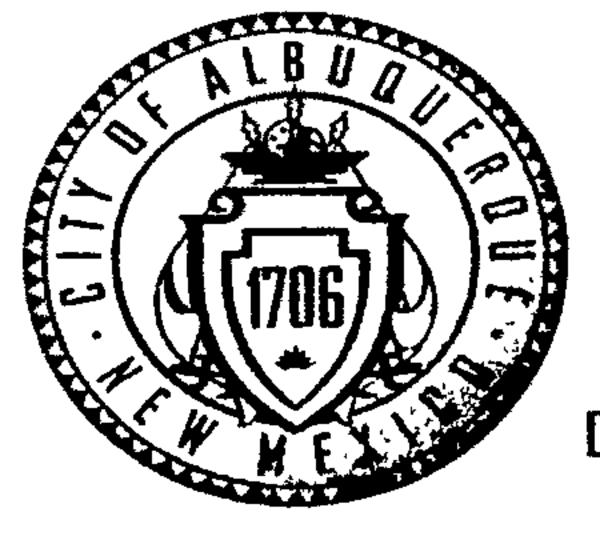
New Mexico 87103

Abiel Carrillo, P.E.

Sincerely,

Principal Engineer, Planning Dept. Development Review Services

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Assisted Living Home	Building Permit #:	City Drainage #: C19D062
	PC-40071	Work Order#:
Legal Description: Lot 13, Tract 2 Block 3, Unit 3	of North Albuquerque Acres	
City Address: 7500 Oakland Ave. N.E.		
		C . D II l ·
Engineering Firm: THE Group	NTN 6 07104	Contact: Ron Hensley
Address: 300 Branding Iron Rd. SE, Rio Rancho	0, INIVI 8/124	Eil. mon@thoomoun oo
Phone#: 505-410-1622 Fax#:		E-mail: ron@thegroup.cc
Owner: Nazish LLC		Contact: Shakeel Rizvi
Address: 8504 Waterford Pl. N.E., Albuquerque	, NM, 87122	
Phone#: 505-315-6563 Fax#:		E-mail:
Architect: Peter Butterfield		Contact:
Address: 13013 Glenwood Hills Ct NE	······································	
Phone#: 505-332-9323 Fax#:	, <u>, , , , , , , , , , , , , , , , , , </u>	E-mail: peterbutterfield@q.com
Surveyor: Terrametrics	3 T3 C OCT 1 O C	Contact: Philip Turner
Address: 4175 Montgomery Blvd., NE, Albuque	erque, NM 8/105	
Phone#: 505-379-4301 Fax#:		E-mail:
Contractor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
	CHECK TVDE OF APPROV	AL/ACCEPTANCE SOUGHT:
TYPE OF SUBMITTAL: DRAINAGE REPORT	SIA/FINANCIAL GUARAN	
DRAINAGE REFORM DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	MINISTER TAYOR
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERMI	111111 *******************************
X GRADING PLAN	SECTOR PLAN APPROVAL	
EROSION & SEDIMENT CONTROL PLAN (ESC)		
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	NCY (TCI TEMPT
CLOMR/LOMR	CERTIFICATE OF OCCUPA	NCY (TCL TEMP)
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT AP	
ENGINEER'S CERT (TCL)	X BUILDING PERMIT APPRO	
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPRO	
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	
X SO-19	WORK ORDER APPROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION	N OTHER (SPECIFY)
	37 V 37 O.	any Dravidad
WAS A PRE-DESIGN CONFERENCE ATTENDED:		opy Provided
DATE SUBMITTED: 7/14/2016	By: Ron Hensley	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

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 levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may be required by the following levels of submittal may

- 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 are part of a larger common plan of development



July 14, 2016

Hydrology Development City of Albuquerque PO Box 1293 Albuquerque, NM 87103

Re: C19D062 - 7500 Oakland Ave. Grading Plan for Building Permit

The revised Grading Plan for the above site is attached. We are requesting a review of the attached plan in support of the Building Permit of Assisted Living Home. The site is "Tract 2 Block 3, Unit 3 of North Albuquerque Acres" and is located at 7500 Oakland Ave. The review comments have been addressed with the following:

- 1. The application includes SO-19 request and appropriate notes.
- 2. TW grades are indicated for the terminus of each wall, and the BW grade is indicated by FG or FL depending on location.
- 3. The WSE, required volume and the provided volume are indicated on the plan. In addition, additional capacity is shown in the detention volume to accommodate landscasping.
- 4. The AHYMO calculations are attached to this submittal.
- 5. A 6" pipe has been added to route flow around sign.
- 6. The plan has been modified to 6" pipe for sidewalk crossings.

We are requesting a review for approval. Please contact me at 410-1622 or via email if you have any questions or comments.

Sincerely,

Ron E. Hensley P.E.

ron@thegroup.cc

Jiil 1 4 2018 LAND DEVELOPMENT SECTION I

AHYMO.SUM

4				A1111013011				
(MON/DAY/YR) = 07/3	SUMMARY TABLE (L4/2016 F:\Adil\BUTTER~1					VERSION: 199		RUN DATE SER NO.=
		FROM	то		PEAK	RUNOFF		TIME TO
CFS PAGE ≠	1 HYDROGRAPH	ID	ID	AREA	DISCHARGE	VOLUME	RUNOFF	PEAK
PER COMMAND ACRE NOTATION	IDENTIFICATION	NO.	NO.	(SQ MI)	(CFS)	(AC-FT)	(INCHES)	(HOURS)
RAIN6= COMPUTE NM HY 3.906 PER IMP= COMPUTE NM HY 4.886 PER IMP= ROUTE RESERVO 3.915 AC-FT= COMPUTE NM HY	50.00 D A1 95.00 IR 1.00 .019 D A2 75.00 3.00	-	1 1 11 2 3	.00139 .00104 .00104 .00034 .00139	3.47 3.26 2.61 1.02 3.51	.125 .128 .127 .038 .165	1.69094 2.30421 2.28725 2.09077 2.23829	1.500 1.500 1.500 1.550



```
- Version: 1997.02c
   AHYMO PROGRAM (AHYMO_97) -
        RUN DATE (MON/DAY/YR) = 07/14/2016
                                         USER NO. = AHYMO-I-9702c01000Q29-AH
       START TIME (HR:MIN:SEC) = 09:56:42
        INPUT FILE = F:\Adil\BUTTER~1\DRAINAGE.DAT
                   *100 YEAR EXISTING CONDITIONS
                   *** TC = 12 MIN ***
                   *******
                   TIME=0.0 HR PUNCH CODE=0 PRINT LINES=-6
START
                   TYPE=1 RAIN QUARTER=0.0
RAINFALL
                   RAIN ONE=2.14 IN RAIN SIX=2.60 IN
                   RAIN DAY=3.10 IN DT=0.05 HRS
             COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 - PEAK AT 1.40 HR.
                                                    6.000000 HOURS
                                       END TIME =
                     .050000 HOURS
             DT =
                                                            .0269
                                                     .0220
                                      .0128
                                             .0173
                               .0084
                .0000
                       .0041
                                                            .0672
                                                    .0606
                                             .0543
                                      .0484
                              .0427
                       .0372
                .0319
                                                            .1263
                                                     .1159
                                              .1063
                                      .0975
                               .0892
                .0741
                        .0814
                                                            .8026
                                      .2424
                                                     .5412
                                              .3597
                               .1742
                .1353
                        .1453
                                                    1.8518
                                            1.7685
                                     1.6754
                             1.5691
               1.1599
                      1.4418
                                                           2.2773
                                                   2.2663
                                            2.2204
                                     2.1709
                              2.1173
                      2.0591
               1.9960
                                                   2.3303
                                            2.3226
                                     2.3146
                      2.2971
                             2.3061
               2.2875
                                                           2.3820
                                                   2.3763
                                            2.3704
                             2.3580
                                     2.3643
                      2.3515
               2.3447
                                                           2.4179
                                                    2.4132
                                            2.4083
                                     2.4033
                             2.3982
                      2.3929
               2.3875
                                                           2.4486
                                                   2.4445
                                     2.4360
                                            2.4403
                             2.4316
                      2.4271
               2.4226
                                                   2.4719
                                                           2.4755
                                            2.4682
                                     2.4644
                             2.4605
                      2.4566
               2.4526
                                                   2.4964
                                            2.4931
                                     2.4897
                             2.4862
                      2.4827
               2.4792
                                                           2.5218
                                                    2.5188
                                            2.5157
                                     2.5126
                             2.5094
                      2.5063
               2.5030
                                                           2.5421
                                                   2.5393
                                            2.5365
                                     2.5336
                             2.5307
               2.5248
                      2.5278
                                                   2.5584
                                                           2.5610
                                            2.5558
                                     2.5531
                             2.5504
                      2.5477
               2.5449
                                            2.5738 2.5763
                                                          2.5787
                                     2.5713
                             2.5688
                      2.5662
               2.5636
                                            2.5907 2.5931
                      2.5836 2.5860
                                    2.5884
               2.5812
               2.5977 2.6000
                   *********
                   ID=1 HYD NO=1 DA=0.001386 SQ MI
COMPUTE NM HYD
                   PER A=0 PER B=34 PER C=16 PER D=50
                   TP=-0.1333 HR MASS RAIN=-1
                                                               SHAPE CONSTANT, N = 7.106420
                   TP = .133300HR 	 K/TP RATIO = .545000
          .072649HR
                                                                           P60 = 2.1400
                                                                526.28
                2.7360 CFS UNIT VOLUME = .9951
    UNIT PEAK =
                                                              .04000 INCHES PER HOUR
                                      .10000 INCHES
                                                      INF =
               .000693 SQ MI
                               IA =
    AREA =
    RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =
                                                                         .050000
          .125738HR TP = .133300HR K/TP RATIO = .943271 SHAPE CONSTANT, N = 3.748149
    UNIT PEAK = 1.7573 CFS UNIT VOLUME = .9940 B = 338.01
               .000693 SQ MI IA = .45200 INCHES INF = 1.11560 INCHES PER HOUR
    AREA =
    RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000
                   ******
                   ID=1 CODE=1
PRINT HYD
                                                              1.00
                                   OUTFLOW HYDROGRAPH REACH
   RUNOFF VOLUME = 1.69094 INCHES = .1250 ACRE-FEET
                             3.47 CFS AT 1.500 HOURS BASIN AREA =
                                                                     .0014 SQ. MI.
    PEAK DISCHARGE RATE =
                   ID=1 HYD NO=A1 DA=0.001042 SQ MI
COMPUTE NM HYD
                   PER A=0 PER B=0 PER C=5 PER D=95
                   TP=-0.1333 HR MASS RAIN=-1
                                                               SHAPE CONSTANT, N = 7.106420
     K = .072649HR TP = .133300HR K/TP RATIO = .545000
                                                          B = 526.28
                                                                           P60 = 2.1400
     UNIT PEAK = 3.9082 CFS UNIT VOLUME = .9966
                                                      INF = .04000 INCHES PER HOUR
                .000990 \text{ SQ MI} IA = .10000 \text{ INCHES}
     AREA =
     RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000
                                                                 SHAPE CONSTANT, N = 4.373949
                   TP = .133300HR 	 K/TP RATIO = .817047
     K = .108912HR
                                                                           P60 = 2.1400
               .14828 CFS UNIT VOLUME = .9172 B = 379.38
     UNIT PEAK =
                .000052 SQ MI IA = .35000 INCHES INF = .83000 INCHES PER HOUR
     AREA =
     RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000
                   *******
                   ID=1 CODE=1
PRINT HYD
                                      HYDROGRAPH FROM AREA Al
```

RUNOFF VOLUME = 2.30421 INCHES = .1281 ACRE-FEET
PEAK DISCHARGE RATE = 3.26 CFS AT 1.500 HOURS BASIN AREA = .0010 SQ. MI.

```
CODE=10
                                   INFLOW=1
                  ID=11
                         HYD NO=1
ROUTE RESERVOIR
                  OUTFLOW(CFS)
                                STORAGE (AC-FT)
                                                 ELEV(FT)
                                0.001
                                       0.01
                     0.001
                    0.002
                                0.005
                                       1.34
                     0.74
                                0.005
                                       1.43
                     0.83
                                0.006
                                       1.47
                     0.92
                                0.007
                                       1.54
                                       1.59
                     1.01
                                0.007
                     1.09
                                       1.64
                                0.007
                     1.18
1.27
                                0.008
                                        1.71
                                       1.76
                                0.008
                     1.36
                                0.008
                                       1.81
                                       1.89
1.97
                     1.44
                                0.009
                     1.53
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                     1.56
                                       2.06
                                0.010
                     1.65
                                0.011
                                       2.16
                     1.75
                                0.011
                                       2.27
                                0.012
                     1.84
                                       2.39
                     1.93
                                       2.52
                                0.013
                                       2.66
                     2.01
                                0.014
                     2.14
                                0.015
                                       2.81
                                       2.97
                     2.23
                                0.016
                                       3.13
                     2.36
                                0.017
                     2.49
                                       3.31
                                0.018
                                       3.49
                     2.63
                                0.019
                     2.69
                                0.020
                                       3.69
                                0.022
                                       3.79
                     2.71
                     4.50
                             1.050
                                   3.81
                               VOLUME
                                        OUTFLOW
                      ELEV
            INFLOW
   TIME
                      (FEET)
                               (AC-FT)
                                        (CFS)
    (HRS)
             (CFS)
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                       -1.32
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    1.00
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                                  .016
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                                  .007
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                       1.35
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    6.00
                    1.34 .005
    6.50
         .00
 PEAK DISCHARGE = 2.611 CFS - PEAK OCCURS AT HOUR 1.55
 MAXIMUM WATER SURFACE ELEVATION =
                                      3.465
MAXIMUM STORAGE = .0189 AC-FT INCREMENTAL TIME= .050000HRS
                             ************
                  ID=11 CODE=1
PRINT HYD
                                   OUTFLOW HYDROGRAPH REACH 1.00
   RUNOFF VOLUME = 2.28725 INCHES = .1271 ACRE-FEET
   PEAK DISCHARGE RATE = 2.61 CFS AT 1.550 HOURS BASIN AREA = .0010 SQ. MI.
                             *********
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COMPUTE NM HYD
                   PER A=0 PER B=0 PER C=25 PER D=75
                   TP=-0.1333 HR MASS RAIN=-1
    K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
    UNIT PEAK = 1.0186 CFS UNIT VOLUME = .9891 B = 526.28
                                                                           P60 = 2.1400
               .000258 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
    AREA =
    RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000
    K = .108912HR TP = .133300HR K/TP RATIO = .817047 SHAPE CONSTANT, N = 4.373949
    UNIT PEAK = .24476 CFS UNIT VOLUME = .9484 B = 379.38 P60 = 2.1400
    AREA = .000086 SQ MI IA = .35000 INCHES INF = .83000 INCHES PER HOUR
    RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000
                   ********
                ID=2 CODE=1
PRINT HYD
                                     HYDROGRAPH FROM AREA A2
    RUNOFF VOLUME = 2.09077 INCHES = .0384 ACRE-FEET
```

Page 2

PEAK DISCHARGE RATE = 1.02 CFS AT 1.500 HOURS BASIN AREA = .0003 SQ. MI.

ADD HYD

FINISH

NORMAL PROGRAM FINISH [s0p10h4099T]&16D

END TIME (HR:MIN:SEC) = 09:56:42



Curtis Cherne P.E
Principal Engineer, Hydrology
Planning Department
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Reference: C19D062 - 7500 OAKLAND AVENUE - GRADING PLANS - Project No - 1010273

Dear Mr Cherne

On behalf of the Eagle Rock Worship Center, I hereby approve the grading and drainage concept proposed by the owners of Lot 13- Adil Rizvi and Shakeel Rizvi. The above referenced property is West of Lot 14, which belongs to the Eagle Rock Worship Center.

The property owners of Lot 13 have agreed to build a drainage channel along the West Property Line of Lot 14 (Church Property) and also build a new sidewalk culvert on Oakland Avenue according to the proposed grading and drainage plans. The entire cost of construction for the drainage channel and the sidewalk culvert shall be the responsibility of the owners of Lot 13. The Eagle Rock Worship Center shall be responsible to maintain the drainage channel and the side walk culvert. Please call me if you have any questions.

Sincerely

Paul Reyes Senior Pastor

CITY OF ALBUQUERQUE



February 19, 2015

Ron E. Hensley, P.E. The Group 300 Branding Iron Rd SE Rio Rancho, NM 87124

Re: Assisted Living Home, 7500 Oakland Ave NE Grading and Drainage Plan Engineer's Stamp Date 2-2-15 (C19/D062)

Dear Mr. Hensley,

Based upon the information provided in your submittal received 2-3-15, the above referenced plan is approved for Site Plan for Building Permit action by the DRB and for Grading Permit.

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

- 1. The application is to request SO-19 approval and provide the appropriate notes. A second copy of the plan is required as one copy goes to the DMD inspector.
- 2. Provide TW/BW grades for the retaining wall(s). Ensure a TW/BW is provided at the terminus of the retaining wall(s). $\varepsilon \omega$ wall?
- 3. Provide Volume Required, Volume Provided and WSE for the detention pond. The Landscape Plan shows approximately 40 plants in this area. Therefore, the Volume Provided should be larger than the Volume Required by some factor.
- 4. Provide calculations for the sizing of the detention pond.
- 5. The monument sign is proposed in the flow line of the drainage swale along the northern part of the building. How is that going to work?

6. The 4" drain under the sidewalk along Oakland Ave seems undersized for 1.2 cfs.

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

www.cabq.gov

New Mexico 87103

PO Box 1293

Albuquerque

Sincerely,

Curtis Cherne, P.E.

Principal Engineer, Hydrology

Planning Dept.

copy: e-mail

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 02/2013)

Project Title: Assisted Living Home	Building Permit #:	City Drainage #: C19D062
-	EPC-40071	Work Order#:
Legal Description: Lot 13, Tract 2 Block 3, Unit 3	of North Albuquerque Acres	3
City Address: 7500 Oakland Ave. N.E.		
		Contact. Don Handley
Engineering Firm: THE Group	2 NIM 07124	Contact: Ron Hensley
Address: 300 Branding Iron Rd. SE, Rio Ranch	10, INIVI 0/124	E-mail: ron@thegroup.cc
Phone#: 505-410-1622 Fax#:		L-man. Tonacinegroup.cc
Owner: Nazish LLC		Contact: Shakeel Rizvi
Address: 8504 Waterford Pl. N.E., Albuquerqu	e, NM, 87122	
Phone#: 505-315-6563 Fax#:		E-mail:
Architect: Peter Butterfield		Contact:
Address: 13013 Glenwood Hills Ct NE	······································	
Phone#: 505-332-9323 Fax#:		E-mail: peterbutterfield@q.com
111011Cm. <u>505-552-7525</u> 1 dx//.	······································	
Surveyor: Terrametrics		Contact: Philip Turner
Address: 4175 Montgomery Blvd., NE, Albuqu	ierque, NM 87105	
Phone#: 505-379-4301 Fax#:	· · · · · · · · · · · · · · · · · · ·	E-mail:
Contractor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
	CHECK TVDE OF ADDDOV	AL/ACCEPTANCE SOUGHT:
TYPE OF SUBMITTAL:	SIA/FINANCIAL GUARAN	
DRAINAGE REPORT DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	
X DRAINAGE PLAN IST SUBMITTAL	S. DEV. PLAN FOR SUB'D	
CONCEPTUAL G & D PLAN	X S. DEV. FOR BDDG-PERM	
X GRADING PLAN	SECTOR PLAN APPROVAL	
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	(NGY APERM)
CLOMR/LOMR	CERTIFICATE OF OCCUPA	
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATIONANERDEVEA	
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	OVAL SECTION
ENGINEER'S CERT (DRB SITE PLAN)	X GRADING PERMIT APPRO	
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	
SO-19	WORK ORDER APPROVAL	
OTHER (SPECIFY)	GRADING CERTIFICATION	
WAS A PRE-DESIGN CONFERENCE ATTENDED:		opy Provided
DATE SUBMITTED: 1/30/2015	By: Ron Hensley	

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 followin

- Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
- Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres
- Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
- 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 are part of a larger common plan of development



February 2, 2015

Curtis Cherne Hydrology Development City of Albuquerque PO Box 1293 Albuquerque, NM 87103

Re: C19D062 - 7500 Oakland Ave. Grading Plan

The revised Grading Plan for the above site is attached. We are requesting a review of the attached plan in support of the Site Development Plan and Building Permit of Assisted Living Home. The site is "Tract 2 Block 3, Unit 3 of North Albuquerque Acres" and is located at 7500 Oakland Ave. The review comments have been addressed with the following:

1. The offsite flows have been channelized to the sidewalk culvert - Ngwi with Min 2. The first flush volume has been to be a first flush

2. The first flush volume has been corrected with additional ponding.

3. The treatment of the water retaining wall has been noted to accomplish above grade storage

We are requesting a review for approval. Please contact me at 410-1622 or via email if you have any questions or comments.

Sincerely,

Ron E. Hensley P.E.

LAND DEVELOPMENT SECTION J

Ron Hensley

From:

Ron Hensley <ron@thegroup.cc>

Sent:

Monday, February 02, 2015 1:33 PM

To:

'mortiz@cabq.gov'

Cc:

Cherne, Curtis (CCherne@cabq.gov)

Subject:

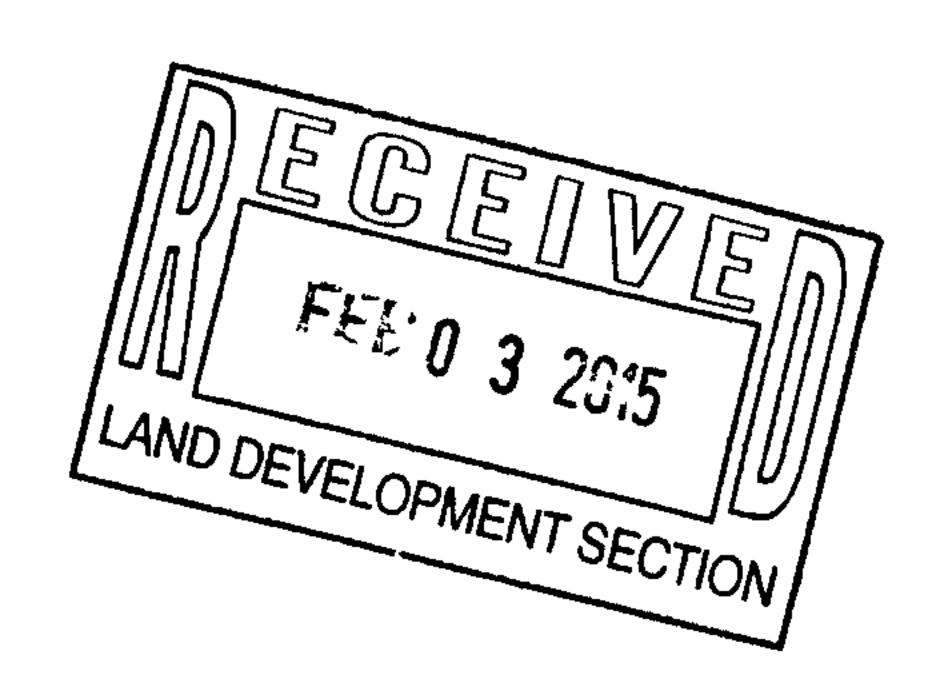
Hydrology Submittal - Proj.# 1010273 - C19D062

Attachments:

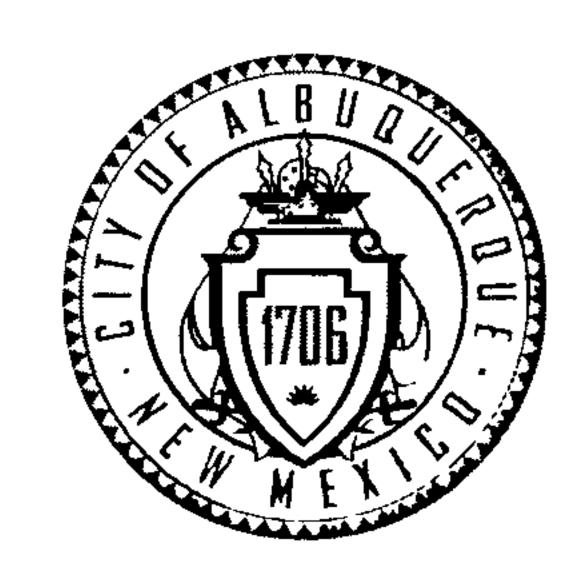
C19D062 Review Cover Letter 2.pdf; C19D062 7500 Oakland Grading.pdf

In support of submittal being made today, please accept the attached grading plan for the Site Development Plan of Assisted Living Center. The plan is for "Lot 13, Tract 2 Block 3, Unit 3 of North Albuquerque Acres" and is located at 7500 Oakland Ave..

Thank You,
Ron Hensley
THE Group
ron@thegroup.cc
505-410-1622



CITY OF ALBUQUERQUE



February 2, 2015

Ron E. Hensley, P.E. The Group 300 Branding Iron Rd SE Rio Rancho, NM 87124

Re: Assisted Living Home, 7500 Oakland Ave NE Grading and Drainage Plan Engineer's Stamp Date 1-29-15 (C19/D062)

Dear Mr. Hensley,

Based upon the information provided in your submittal received 1-30-15, the above referenced plan cannot be approved for Site Plan for Building Permit action by the DRB until the following comments are addressed:

- 1. Offsite flows were supposedly addressed by the proposed sidewalk culvert in Oakland Ave just east of the site.
 - A. However, grading will have to occur on Lot 14 for the sidewalk culvert to function. Otherwise there will not be a low area in front of the culvert. The owner of Lot 14 will be responsible for the maintenance of the culvert. This can be acknowledged by the Lot 14 property owner in writing or by e-mail.
 - B. The basin to the south is shown to drain directly at a wall then turn north along the wall. The site currently sheet flows to the west. The property owner of Lot 14 will see an adverse impact. Gaps in the wall, or similar, should be provided to accept flows.
- 2. The first flush volume was incorrectly determined which will affect pond sizing. The first flush volume to be retained is 0.34" times the impervious area. Only the roof area was considered. The landscape areas west of the building would be good location to capture the first flush 10' or further from the building.
- 3. The water surface elevation in the detention pond is shown as 73.48. Existing grades to the west are lower than this in most locations. It is not clear how the water surface elevation will be obtained.

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

Curtis Cherne, P.E.

Sincerely,

Principal Engineer, Hydrology

Planning Dept.

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

copy: e-mail



January 29, 2015

Curtis Cherne
Hydrology Development
City of Albuquerque
PO Box 1293
Albuquerque, NM 87103

Re: C19D062 - 7500 Oakland Ave. Grading Plan

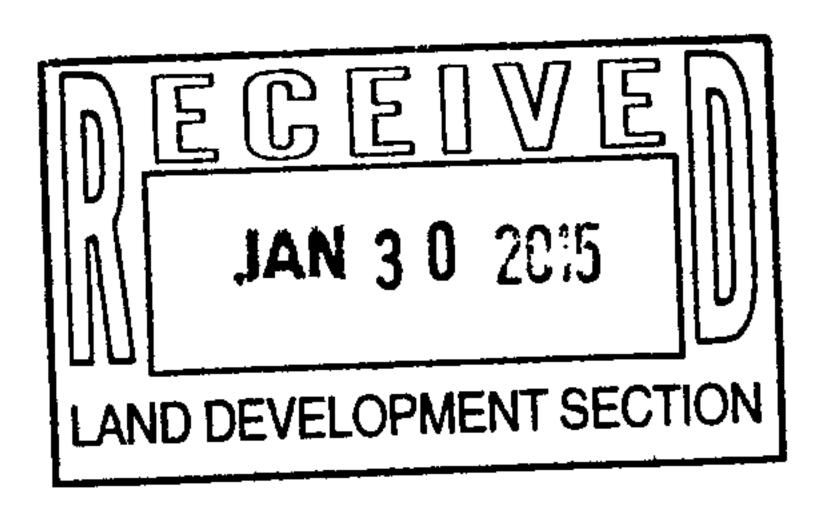
The revised Grading Plan for the above site is attached. We are requesting a review of the attached plan in support of the Site Development Plan and Building Permit of Assisted Living Home. The site is "Tract 2 Block 3, Unit 3 of North Albuquerque Acres" and is located at 7500 Oakland Ave. The review comments have been addressed with the following:

- 1. The offsite flows have been previously quantified in C19D005 for the church site at 4.41 cfs. A sidewalk culvert will be installed to convey the flows to the street
- 2. The site to the south is addressed in C19D051 Dental Office. This plan dictates that flows will be directed toward alameda, and existing improvements accomplish this.
- 3. Detention ponds have been added to control flows to less than the allowable according to the NAADMP.
- 4. Existing contours are shown.
- 5. First flush storage calculations and storage volumes are on plan.

We are requesting a review for approval. Please contact me at 410-1622 or via email if you have any questions or comments.

Sincerely,

Ron E. Hensley P.E. ron@thegroup.cc





City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 02/2013)

Project Title: Assisted Living Home	Building Permit #:	City Drainage #: C19D062
DRB#: 1010273 EPC#: 14	EPC-40071	Work Order#:
Legal Description: Lot 13, Tract 2 Block 3, Unit 3	of North Albuquerque Acres	3
City Address: 7500 Oakland Ave. N.E.		
		Contact. Don Honology
Engineering Firm: THE Group And SE Die Denet	20 NIN / 0717/	Contact: Ron Hensley
Address: 300 Branding Iron Rd. SE, Rio Ranch	10, INIVI 8/124	Eil. ron@thoorroun oo
Phone#: 505-410-1622 Fax#:	,, , , , , , , , , , , , , , , , , , ,	E-mail: ron@thegroup.cc
Owner: Nazish LLC		Contact: Shakeel Rizvi
Address: 8504 Waterford Pl. N.E., Albuquerqu	ie, NM, 87122	
Phone#: 505-315-6563 Fax#:	· · · · · · · · · · · · · · · · · · ·	E-mail:
Architect: Peter Butterfield		Contact:
Address: 13013 Glenwood Hills Ct NE		
Phone#: 505-332-9323 Fax#:		E-mail: <u>peterbutterfield@q.com</u>
Surveyor: Terrametrics		Contact: Philip Turner
Address: 4175 Montgomery Blvd., NE, Albuqu	uerque, NM 87105	
Phone#: 505-379-4301 Fax#:		E-mail:
Contractor:		Contact:
Address:	<u> </u>	
Phone#:		E-mail:
TYPE OF SUBMITTAL:	 	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	
X DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	
CONCEPTUAL G & D PLAN	X S. DEV. FOR BLDG. PERMI	
X GRADING PLAN	SECTOR PLAN APPROVAL	DEMENNEN
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	NEY (PERM)
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ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	YAND DEVELOPMENT SECTION
ENGINEER'S CERT (DRB SITE PLAN)	X GRADING PERMIT APPRO	VALSO-19 APPROVAL
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL
SO-19	WORK ORDER APPROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION	
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes X No Co	py Provided
DATE SUBMITTED: 1/30/2015	By: Ron Hensley	
DATE SUDMITTED. 1/JU/ZUIJ	DJ. INDIL I INDIO 9	

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 followin

- Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
- Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres
- Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
- 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 are part of a larger common plan of development

Ron Hensley

From:

Ron Hensley <ron@thegroup.cc>
Thursday, January 29, 2015 6:56 PM

Sent: To:

'mortiz@cabq.gov'

Cc:

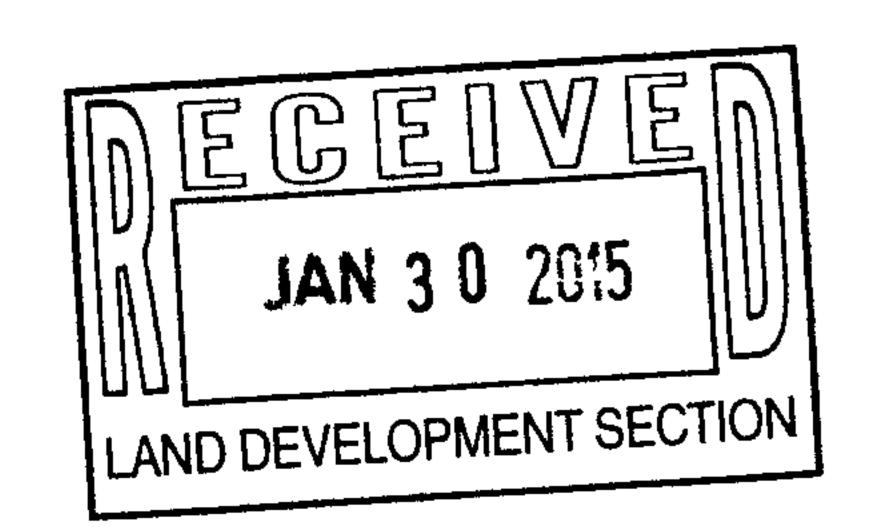
Cherne, Curtis (CCherne@cabq.gov)
Hydrology Submittal - Proj.# 1010273

Subject:
Attachments:

C19D062 Review Cover Letter.pdf; C19D062 7500 Oaskland Grading.pdf

In support of submittal being made today, please accept the attached grading plan for the Site Development Plan of Assisted Living Center. The plan is for "Lot 13, Tract 2 Block 3, Unit 3 of North Albuquerque Acres" and is located at 7500 Oakland Ave..

Thank You,
Ron Hensley
THE Group
ron@thegroup.cc
505-410-1622



C: e-mail

1. 942. 7067

1. 730-5114 8:11 Am

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30,00 B St. IE.X 52 -18 CH

Ron Hensley

From:

Ron Hensley <ron@thegroup.cc>

Sent:

Tuesday, January 13, 2015 9:37 AM

To:

'mortiz@cabq.gov'

Subject:

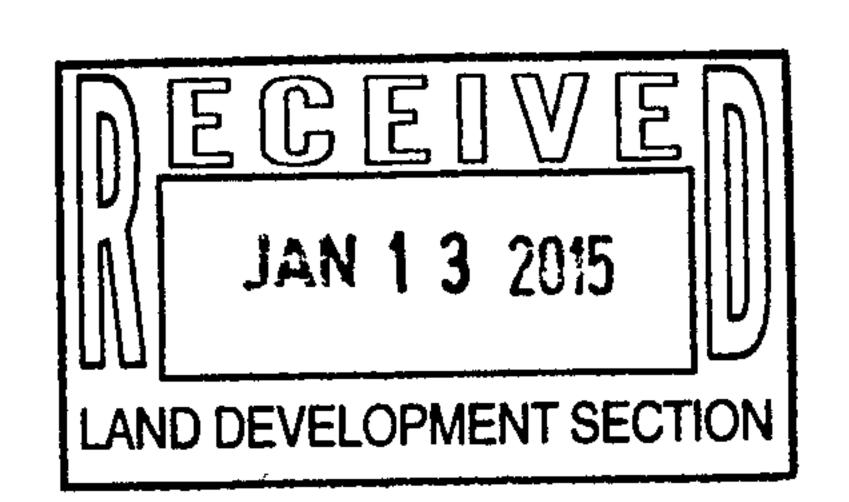
Hydrology Submittal - Proj.# 1010273

Attachments:

Assisted Living Drainage Info Sheet.pdf; 7500 Oaskland Grading.pdf

In support of submittal being made today, please accept the attached grading plan for the Site Development Plan of Assisted Living Center. The plan is for "Lot 13, Tract 2 Block 3, Unit 3 of North Albuquerque Acres" and is located at 7500 Oakland Ave..

Ron Hensley
THE Group
ron@thegroup.cc
505-410-1622





January 13, 2015

Hydrology Development City of Albuquerque PO Box 1293 Albuquerque, NM 87103

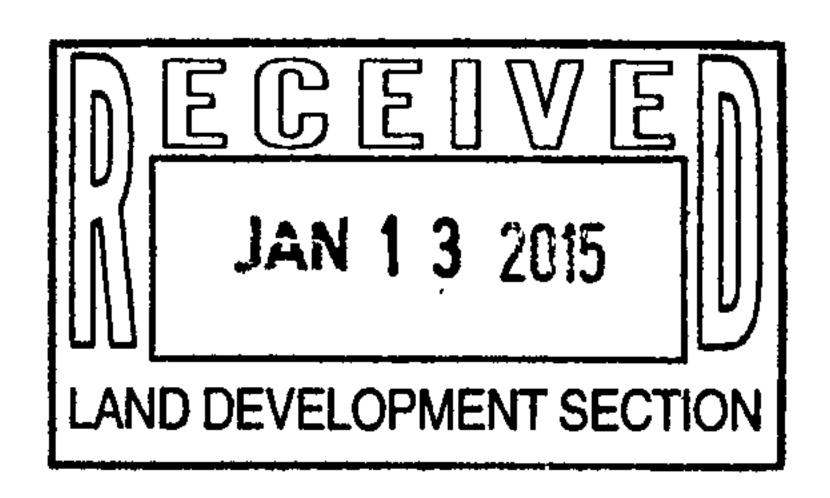
Re: 7500 Oakland Ave. Grading Plan

We are requesting a review of the attached plan in support of the Site Development Plan of Assisted Living Home. The site is "Tract 2 Block 3, Unit 3 of North Albuquerque Acres" and is located at 7500 Oakland Ave. We are requesting a review for compliance with City requirements.

Please contact me at 410-1622 or via email if you have any questions or comments.

Sincerely,

Ron E. Hensley P.E. ron@thegroup.cc



Date: Tue, Feb 3, 2015 at 9:50 PM

Subject: Re: Hydrology Submittal - Proj.# 1010273 - C19D062

To: Rick Bennett < rick@rba81.com >, Adil Rizvi < adil1424@yahoo.com >, Shakeel Rizvi

<shaky1424@yahoo.com>, Adil Rizvi <adilr1424@gmail.com>

...

RICK BENNETT
PRINCIPAL ARCHITECT
RBA Architecture, PC
1104 Park Avenue SW
Albuquerque, NM 87102
505-242-1859 Phone
505-242-6630 Fax
505-924-7185 Direct
505-350-9811 Cell

Cherne, Curtis

From:

Subject:

Cherne, Curtis

Sent:

Thursday, February 05, 2015 9:50 AM

To:

'Adil R'; Shakeel Rizvi; Ron Hensley; CenturyLink Customer RE: Fwd: Hydrology Submittal - Proj.# 1010273 - C19D062

Adil,

The letter is from the architect not from the property owner.

It does not mention maintaining the sidewalk culvert in Oakland Ave. The letter mentions a valley gutter and a sidewalk culvert, but states they will maintain the channel. What channel?

Curtis

From: Adil R [mailto:adil1424@yahoo.com]
Sent: Wednesday, February 04, 2015 11:36 AM

To: Cherne, Curtis; Shakeel Rizvi; Adil Rizvi; Ron Hensley; CenturyLink Customer

Subject: Fw: Fwd: Hydrology Submittal - Proj.# 1010273 - C19D062

Daer Mr Cherne,

Please find attached letter from the Eagle Rock Worship Center regarding the off-site flows from Lot 14.

Please call me or Ron Hensley if you have any questions.

Thanks and take care.

Adil Rizvi

505-315-6484

---- Forwarded Message -----

From: Shelly Hutchinson <shelly@rba81.com>

To: Adil R <a dil 1424@yahoo.com > Cc: Rick Bennett < rick@rba81.com >

Sent: Wednesday, February 4, 2015 9:13 AM

Subject: Fwd: Hydrology Submittal - Proj.# 1010273 - C19D062

Please find attached the requested signed letter for Hydrology.

Shelly Hutchinson RBA Architecture, PC

1104 Park Avenue SW Albuquerque, NM 87102 505.242.1859 Phone 505.242.6630 Fax

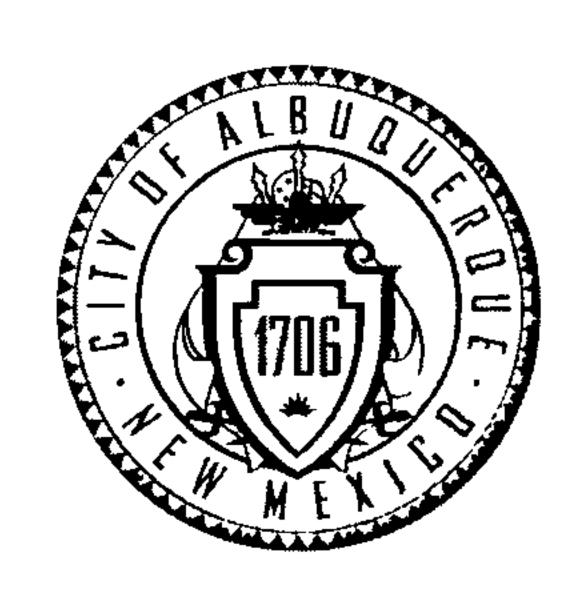
----- Forwarded message -----

From: Rick Bennett < rick@rba81.com > Date: Wed, Feb 4, 2015 at 7:47 AM

Subject: Fwd: Hydrology Submittal - Proj.# 1010273 - C19D062

To: Shelly Hutchinson <shelly@rba81.com>

CITY OF ALBUQUERQUE



January 28, 2015

Ron E. Hensley, P.E. The Group 300 Branding Iron Rd SE Rio Rancho, NM 87124

Re: Assisted Living Home, 7500 Oakland Ave NE Grading and Drainage Plan Engineer's Stamp Date 1-12-15 (C19/D062)

Dear Mr. Hensley,

Based upon the information provided in your submittal received 1-13-15, the above referenced plan cannot be approved for Site Plan for Building Permit action by the DRB until the following comments are addressed:

- 1. The plan is to address and quantify offsite flows. The City recently constructed a sidewalk culvert in Oakland Ave (shown on your plan) to accept flows from the northern basin of the site to the east. These flows are to enter Oakland Ave, without flowing over the sidewalk.
- 2. There are also offsite flows which appear to enter the southern area of this site which are to be addressed, quantified and accepted.
- 3. Per the NAADMP this site is allowed 50% impervious area. It proposes more than that. It appears a detention pond will be required. In addition, Quail Springs Estates constructed a 15" storm drain in Oakland Ave. The construction plans show a flow of 12 cfs. The drainage plan is to address how it complies with the NAADMP and the Quail Springs Estates drainage report.
- 4. Provide existing contours.
- 5. The plan is to manage the first flush and state how it is doing so. Provide calculations for the first flush volume.

www.cabq.gov

New Mexico 87103

PO Box 1293

Albuquerque

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

Sincerely,

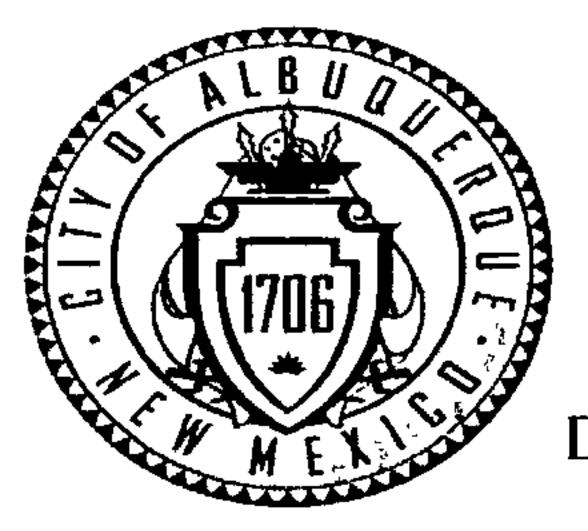
Cut a Chen

Curtis Cherne, P.E.

Principal Engineer, Hydrology

Planning Dept.

C: e-mail



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

C19D06Z

Project Title: Assisted Living Home	Building Permit #:_	City Drainage #: C19
DRB#: 1010273 EPC#: 141	EPC-40071	Work Order#:
Legal Description: Lot 13, Tract 2 Block 3, Unit 3		
City Address: 7500 Oakland Ave. N.E.		
Engineering Eigen. TLE Croup		Contact Don Honology
Engineering Firm: THE Group Address: 200 Pronding Iron Dd SE Die Doneh	07124	Contact: Ron Hensley
Address: 300 Branding Iron Rd. SE, Rio Ranch Phone#: 505-410-1622 Fax#:	U, INIVI 0/124	E-mail: ron@thegroup.cc
FIIOHE#: 303-410-1022 Fax#:		E-mail: Ton(w,ulegroup.cc
Owner: Nazish LLC		Contact: Shakeel Rizvi
Address: 8504 Waterford Pl. N.E., Albuquerque	e, NM, 87122	
Phone#: 505-315-6563 Fax#:		E-mail:
Architect: Peter Butterfield		Contact:
Address: 13013 Glenwood Hills Ct NE		
Phone#: 505-332-9323 Fax#:		E-mail: peterbutterfield@q.com
Surveyor: Terrametrics	NIN (07106	Contact: Philip Turner
Address: 4175 Montgomery Blvd., NE, Albuqu	erque, NIVI 8/105	
Phone#: 505-379-4301 Fax#:		E-mail:
Contractor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	
CONCEPTUAL G & D PLAN	X S. DEV. FOR BLDG. PERMI	T APPROVAL
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EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	MCM PERMAN 1 3 20:5
CLOMR/LOMR	CERTIFICATE OF OCCUPA	NCY(TCL TEMP)
TRAFFIC CIRCULATION LAYOUT (TCL)		
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	PROVAL OVUIAND DEVELOPMENT SECTION
ENGINEER'S CERT (DRB SITE PLAN)	X GRADING PERMIT APPRO	VAL SO-19 APPROVAL
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL
SO-19	WORK ORDER APPROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION	OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	$\mathbf{v}_{\mathbf{o}\mathbf{c}}$ $\mathbf{V}_{\mathbf{o}\mathbf{c}}$	ny Provided
		ppy Provided
DATE SUBMITTED: 1/13/2015	By: Ron Hensley	

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 are part of a larger common plan of development

CITY OF ALBUQUERQUE



July 19, 2016

Perter Butterfield, R.A. 13013 Glenwood Hills Ct NE Albuquerque, NM 87111

Re: Assisted Living Home 7500 Oakland Ave NE

Request for Certificate of Occupancy- Transportation Development

Architect's Stamp dated 10-20-2014 (C19D062)

Certification dated 07-14-2016

Dear Mr. Butterfield

Based upon the information provided in your submittal received 07-14-2016, Transportation Development has no objection to the issuance of a <u>Permanent Certificate of Occupancy</u>. 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 Monica Ortiz at (505) 924-3981 or me at (505)924-3991.

Albuquerque

Sincerely,

New Mexico 87103

Racquel M. Michel, P.E.

Traffic Engineer, Planning Dept.

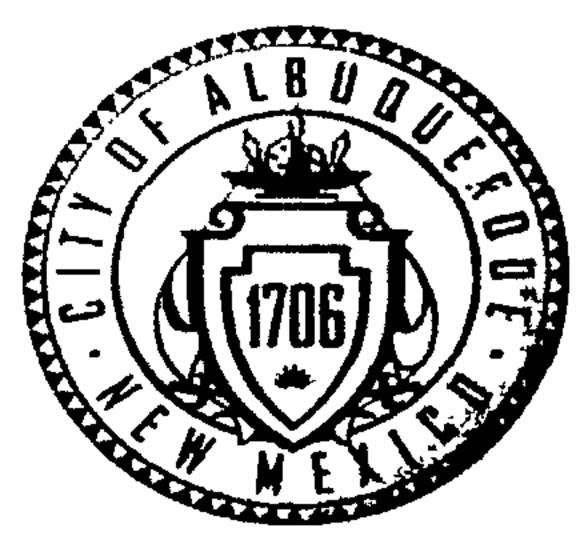
www.cabq.gov Development Review Services

mao

via: email

C:

CO Clerk, File



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: Assisted Living Home	Building Permit #: 201591825 City Drainage #: CIO DX
DRB#: 1010273 EPC#:	Work Order#:
Legal Description: LOT 13, BLOCK 3 UNIT 3, TRACT 3, NORTH ALBUQUERQUE	ACRES, CITY OF ALBUQUERQUE
City Address: 7500 Oakland Ave NE Albuquerque New Mexico, NM 87113	
Engineering Firm:	Contact:
Address:	
Phone#: Fax#:	E-mail:
Owner: NAA Life Spire	Contact: Albert Bernal
Address: 9151 High Assets Way NW Albuquerque, NM 87120	
Phone#: (505) 831-6250 Fax#: (505) 831-6254	E-mail: bernalllc@q.com
Architect: Peter Butterfield, Architect	Contact: peter butterfield
Address: 13013 Glenwood Hills Ct. NE Albuquerque, NM 87111	
Phone#: (505) 332-9323 Fax#:	E-mail: peterbutterfield@q.com
Other Contact:	Contact:
Address:	
Phone#: Fax#:	E-mail:
DEPARTMENT: HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR LAND DEVELOPMENT SECTION	CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT: BUILDING PERMIT APPROVAL X 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
* TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTROL PLAN (ESC)	PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION WORK ORDER APPROVAL CLOMR/LOMR
OTHER (SPECIFY)	PRE-DESIGN MEETING OTHER (SPECIFY)
IS THIS A RESUBMITTAL?: Yes _x No	
DATE SUBMITTED: 7/14/16 By: Peter Butte	rfield

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ____

peter butterfield architect

• 505 332 9323 • 13013 Glenwood Hills Ct NE • Albuquerque New Mexico 87111 •

TRAFFIC CERTIFICATION

I, PETER BUTTERFIELD, NMRA 3850, OF THE FIRM PETER BUTTERFIELD, ARCHITECT, HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 2-26-2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY PETER BUTTERFIELD OF THE FIRM PETER BUTTERFIELD ARCHITECT I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON JULY 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 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.

Signature of Engineer or Architect

ENGINEER'S OR ARCHITECT'S STAMP

7/14/16 Date

IN C. C. L. 14 2016

LAND DEVELOPMENT SECTION

