

CITY OF ALBUQUERQUE



Timothy M. Keller, Mayor

December 19, 2017

John Jacquez, E.I.
Miller Engineering Consultants, Inc
3500 Comanche NE Bldg. F
Albuquerque, NM, 87107

**RE: Sundance Construction – Beverly Hills
Conceptual Grading Plan
Engineer's Stamp Date: No Stamp Date
Hydrology File: B18D023**

Dear Mr. Jacquez:

PO Box 1293

Albuquerque

Based upon the information provided in your resubmittal received 12/14/2017, the Conceptual Grading and Drainage Plan is approved for action by the DRB on the Site Plan for Building Permit.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: BLINDANCE CONSTRUCTION BEVERLY HILLS AVE. NE Building Permit #: _____ City Drainage #: _____
 DRB#: 1011397 EPC#: _____ Work Order#: _____
 Legal Description: LOT 29, BLOCK 4, ALBUQUERQUE ACRES UNIT B
 City Address: BEVERLY HILLS AVE N.E., ALBUQUERQUE, NM (BETWEEN SAN MATEO & I25)
 Engineering Firm: MILLER ENGINEERING CONSULTANTS INC Contact: JOHN JACQUEZ
 Address: 3500 COMANCHE NE, BLDG. F, ALBUQUERQUE, NM 87107
 Phone#: 505-898-7500 Fax#: 505-898-3500 E-mail: JJACQUEZ@MEGNN.COM
 Owner: _____ Contact: _____
 Address: _____ E-mail: _____
 Phone#: _____ Fax#: _____
 Architect: VIGIL & ASSOCIATES Contact: DANIEL BARBEA
 Address: 4477 IRVING NW, SUITE A, ALBUQUERQUE, NM 87114
 Phone#: 505-890-5030 Fax#: 505-890-5031 E-mail: DANIEL@VA-ARCHITECTS.COM
 Other Contact: _____ Contact: _____
 Address: _____ E-mail: _____
 Phone#: _____ Fax#: _____

Check all that Apply:

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

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
☐ 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) _____

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

DATE SUBMITTED: 12/14/17 By: _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

Bernadine York

From: Brissette, Renee C. <rbrissette@cabq.gov>
Sent: Friday, December 08, 2017 2:58 PM
To: Bernadine York
Cc: John Jacquez
Subject: RE: COA G&D Submittal for Sundance Construction Beverly Hills Ave. NE
Attachments: B18D023_SPBP_CMMT.pdf

John,

Attached is a comment letter for the approval of the Conceptual Grading Plan for the above referenced project for Site Plan for Building Permit. The first two are very minor. However, some investigation will need to be done for the storm sewer infrastructure within Beverly Hills.

If you have any questions, please contact me.

Renée Christina Brissette, PE CFM

Senior Engineer, Hydrology
Planning Department
Development Review Services Division
600 2nd St. NW
Albuquerque, NM 87102
(505)924-3995

From: Bernadine York [mailto:dyork@mecnm.com]
Sent: Wednesday, December 06, 2017 12:15 PM
To: Planning Development Review Services
Cc: John Jacquez
Subject: COA G&D Submittal for Sundance Construction Beverly Hills Ave. NE

Please find attached PDF of the submittal for building permit approval for Beverly Hills Ave. NE Project. We will submit 2 hardcopies this afternoon.

Dina York
Miller Engineering Consultants, Inc.
3500 Comanche NE, Bldg. F
Albuquerque, NM 87107
Phone: 505.888.7500
Fax: 505.888.3800
Email: dyork@mecnm.com



Timothy M. Keller, Mayor

December 8, 2017

John Jacquez, P.E.
Miller Engineering Consultants, Inc
3500 Comanche NE Bldg. F
Albuquerque, NM, 87107

**RE: Sundance Construction – Beverly Hills
Conceptual Grading Plan
Engineer's Stamp Date: No Stamp Date
Hydrology File: B18D023**

Dear Mr. Jacquez:

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

Based upon the information provided in your submittal received 12/06/17, the Conceptual Grading Plan **is not** approved for Site Plan for Building Permit. The following comments need to be addressed for approval of the above referenced project:

1. Please provide the FIRM Map and flood plain note with effective date.
2. Please provide a vicinity map showing the location of the site. Typically this is the Zone Atlas. This can be downloaded in pdf format from the City of Albuquerque's website.
3. Please review the upstream watershed for Beverly Hills Ave. These drainage areas should include all upstream discharges per their ultimate design. Per Chapter 22 Section 3.E (Street Hydraulics) of the DPM, the calculations are for the 10 year and 100 year storm event. The existing 36 inch storm sewer may need to be extended if future inlets are need where the future flows exceeds the street capacity. Also, the existing 18 inch storm sewer may need to be extended to the southwest corner of the tract with a new inlet. If needed, these storm sewer items will have to be included in the Infrastructure List which will be submitted during the DRB action.

CITY OF ALBUQUERQUE



Timothy M. Keller, Mayor

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette

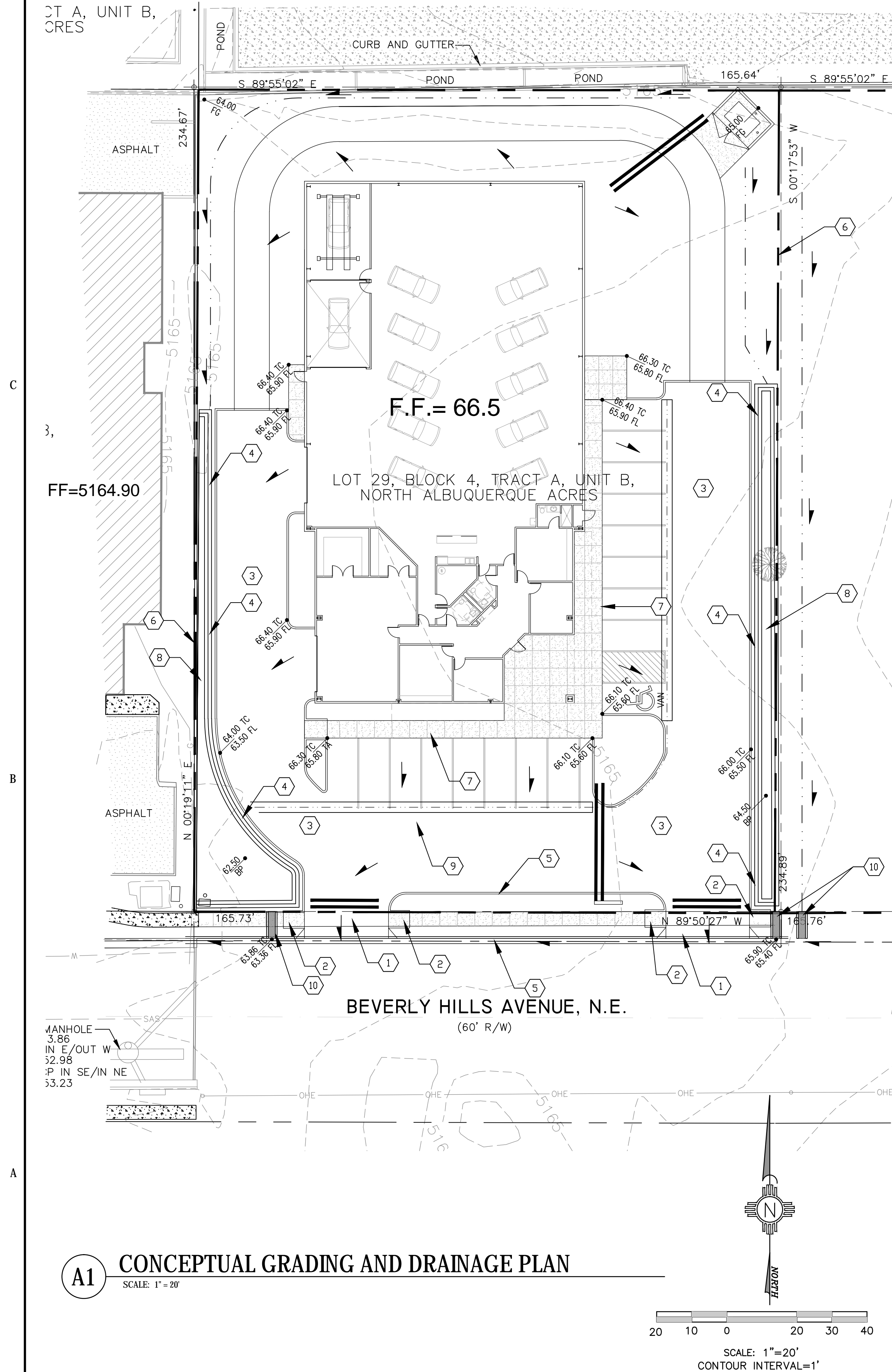
Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department

PO Box 1293

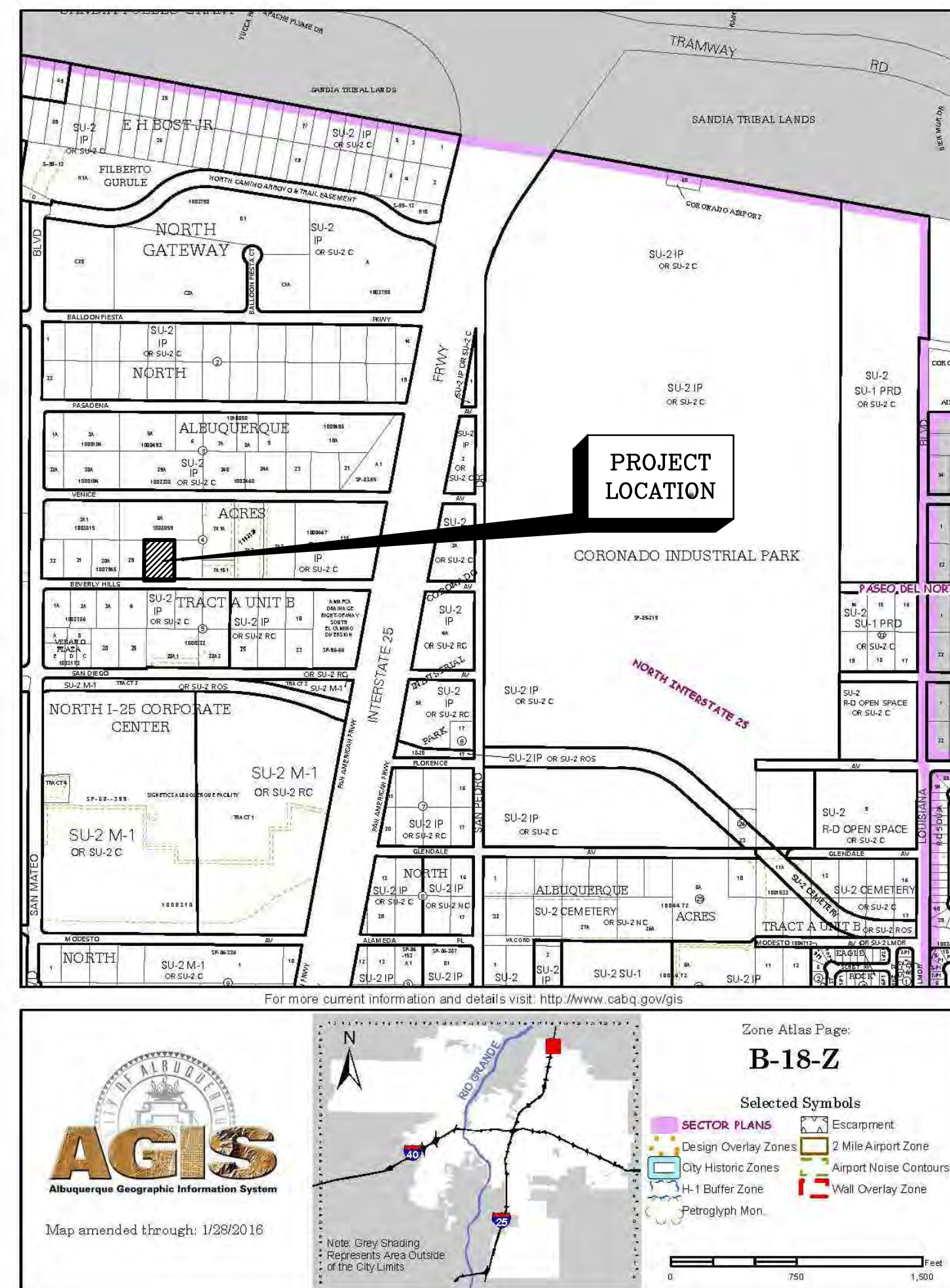
Albuquerque

NM 87103

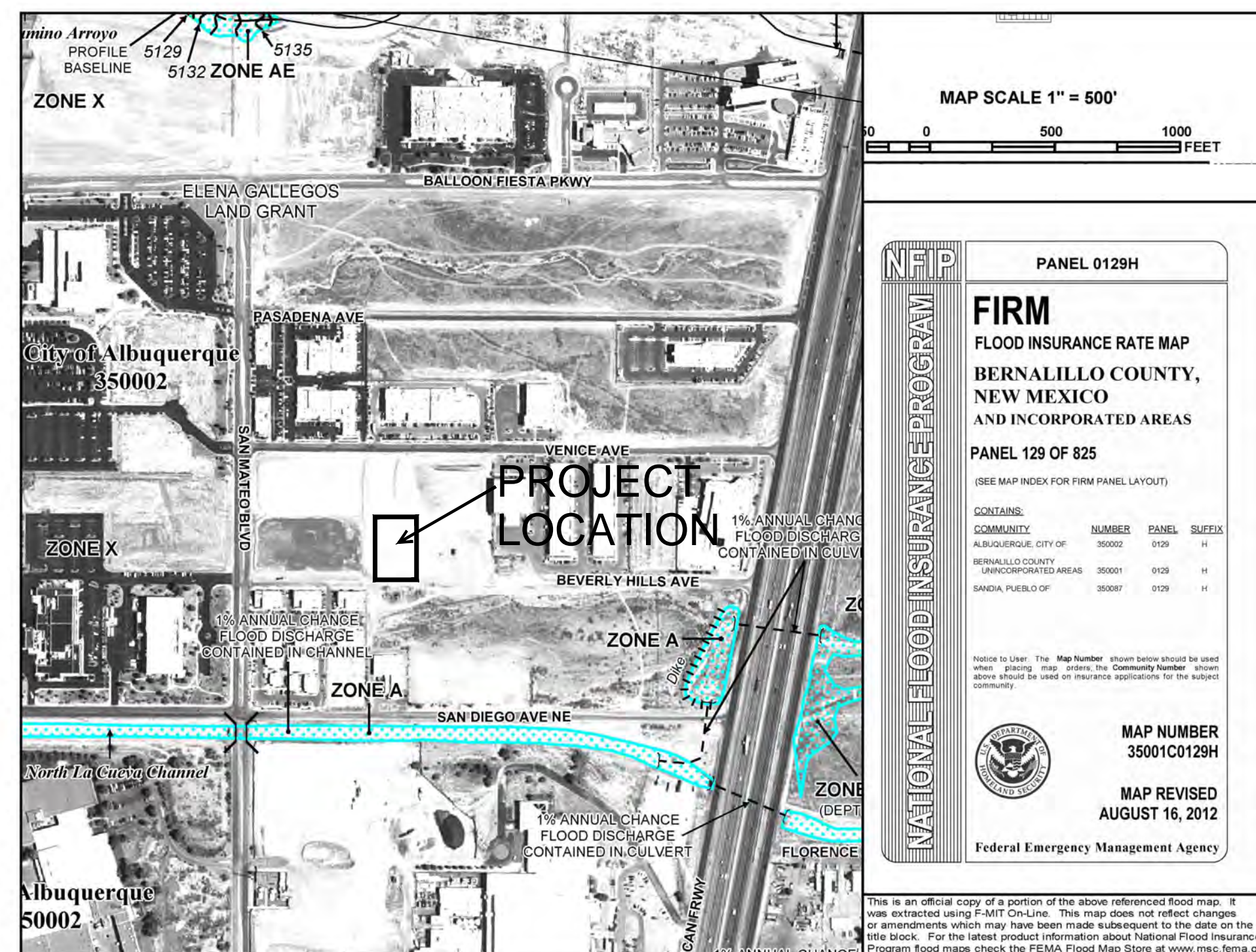
www.cabq.gov



A1 CONCEPTUAL GRADING AND DRAINAGE PLAN














B1 VICINITY MAP



A1 FLOOD ZONE MAP
FLOOD ZONE MAP: FM35001C0129H

LEGEND:

| | | | |
|---|---|---|------------------------|
|  38.00 FG | PROPOSED SPOT ELEVATIONS (FINISHED GRADE) |  | GRADE BREAK—HIGH POINT |
|  MATCH (95.19) | MATCH EXISTING ELEVATIONS |  | SWALE |
| TCO | TOP OF CONCRETE |  | SD STORM DRAIN LINE |
| FL | FLOW LINE, CURB |  | |
| INV | INVERT | | |
| FG | FINISH GRADE |  | PROPOSED MAJOR CONTOUR |
| TBC | TOP OF BASE COURSE |  | PROPOSED MINOR CONTOUR |
| TC | TOP OF CURB |  | EXISTING MAJOR CONTOUR |
| TG | TOP OF GRATE |  | EXISTING MINOR CONTOUR |
| TA | TOP OF ASPHALT | | |
|  | FLOW ARROW | | |

GRADING AND DRAINAGE NARRATIVE

THE EXISTING PROPERTY FOR BEVERLY HILLS IS LOCATED AT 5401 BEVERLY HILLS AVE. N.E. THE SITE IS ACCESSED FROM THE SOUTH SIDE FROM BEVERLY HILLS AVE. N.E. THE SITE CONSISTS OF A VACANT LOT WITH NO DEVELOPMENT. THERE IS AN EXISTING ROADWAY (BEVERLY HILLS AVE.) ON THE SOUTH SIDE. THERE IS AN EXISTING COMMERCIAL DEVELOPMENT TO THE NORTH AND WEST SIDE. THERE IS AN ADJACENT VACANT LOT LOCATED ON THE EAST SIDE OF THE PROPERTY. THE LAND IS GENERALLY FLAT AND SLOPES FROM THE NORTHEAST TO THE SOUTHWEST. THERE ARE EXISTING FLOWS COMING FROM THE VACANT LOT LOCATED EAST OF THE PROPERTY. THESE FLOWS GO DOWN ONTO THE PROPERTY. THE PROPOSED BUILDING WILL BE CONSTRUCTED NEAR THE CENTER OF THE SITE WITH AN ASPHALT PARKING LOT LOCATED ON THE EAST, THE WEST, AND THE SOUTH OF THE PROPOSED BUILDING.

THE PROPOSED GRADING IMPROVEMENTS WILL INCLUDE STANDARD CURB AND GUTTER, WITH CURB CUTS AND RUNDOWNS ALLOWING STORMWATER INTO PROPOSED WATER HARVESTING AREAS. THESE WATER HARVESTING AREAS WILL BE USED TO MANAGE THE 90TH PERCENTILE STORM EVENTS (REQUIRED VOLUME = $(0.33 \text{ in.} \times 5,811 \text{ SF}) / 12 = 158 \text{ cu. ft.}$). THE REQUIRED VOLUME FOR THESE WATER HARVEST AREAS IS GREATER THAN 0.016 AC-FT. THE PROPOSED WATER HARVEST AREAS VOLUME IS APPROXIMATELY 0.038 AC-FT. WHICH IS GREATER THAN 0.016 AC-FT. AS REQUIRED BY THE RECENT CITY OF ALBUQUERQUE DRAINAGE ORDINANCE CHANGES. ALL ROAD DRAINAGE AND PROPOSED ASPHALT PARKING AREAS WILL BE DRAINAGE INTO WATER HARVESTING AREAS LOCATED AT THE EAST AND WEST SIDES OF THE PROJECT SITE.

THE SUBJECT PROPERTY IS NOT LOCATED WITHIN A FEMA DESIGNATED FLOOD ZONE AS PER FEMA MAPS.

NOTE TO CONTRACTOR; ALL EXISTING UTILITIES THAT ARE BEING AFFECTED BY NEW IMPROVEMENTS ON THIS PROJECT SHALL ADJUST THEM TO GRADE. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AS NECESSARY FOR ALL ADJUSTMENTS TO EXISTING UTILITIES.

KEYED NOTES:

- 1) NEW CONCRETE DRIVEPAD.
- 2) NEW HANDICAP RAMP.
- 3) NEW HOT MIX ASPHALT.
- 4) NEW CURB CUT AND DRAINAGE RUNDOWN INTO WATER HARVESTING AREA.
- 5) NEW CONCRETE CURB AND GUTTER.
- 6) APPROXIMATE LOCATION OF PROPERTY LINE.
- 7) NEW SIDEWALK OR CONCRETE FLATWORK.
- 8) NEW WATER HARVEST AREA.
- 9) NEW CONCRETE VALLEY GUTTER.
- 10) NEW SIDEWALK CULVERT



VIGIL & ASSOCIATES
ARCHITECTURAL GROUP, P.C.
WWW.VA-ARCHITECTS.COM

PROGRESS SET
NOT FOR
CONSTRUCTION


SUNDANCE CONSTRUCTION
BEVERLY HILLS AVE NE
SUNDANCE CONSTRUCTION

CONCEPTUAL GRADING AND DRAINAGE PLAN

project no. 17-015

| |
|---------------------------------|
| date: OCTOBER, 2017 |
| drawn by: MEC |
| checked by: JAJ |
| file name: Fire1Plan_100517.dwg |
| revisions: |

C-101

 **MILLER ENGINEERING CONSULTANTS**
Engineers • Planners
3500 COMANCHE, NE
BUILDING F
ALBUQUERQUE, NM 87107
(505) 888-7500
(505) 888-3800 (FAX)
WWW.MECNM.COM



December 12, 2017

John Jacquez, Project Manager.
Miller Engineering Consultants, Inc.
3500 Comanche NE. Bldg. F
Albuquerque, NM 87107

Attn: Renee C. Brissette, P.E. CFM, Senior Engineer, Hydrology Planning Dept.

**RE: Sundance Construction – Beverly Hills
Conceptual Grading Plan
Engineers Stamp Date: No Stamp Date
Hydrology File: B18D023**

Dear Ms. Brissette,

This letter is in response to your comments by letter dated December 8, 2017. The comments have been addressed as follows:

Sheet C-101:

1. Please provide the FIRM-Map and flood plan note with effective date.

See attached revised Conceptual Grading & Drainage Plan.

2. Please provide a vicinity map showing the location of the site. Typically, this is the Zone Atlas. This can be downloaded in pdf format from the City of Albuquerque's website.

See attached revised Conceptual Grading & Drainage Plan.

3. Please review the upstream watershed for Beverly Hills Ave. These drainage areas should include all upstream discharges per their ultimate design. Per Chapter 22 Section 3 E (Street Hydraulics) of the DPM, the calculations are for the 10 year and 100 year storm event. The existing 36 inch storm sewer may need to be extended if future inlets are need where the future flows exceeds the street capacity. Also, the existing 18 inch storm sewer may need to be extended to the southwest corner of the tract with a new inlet. If needed, these storm sewer items will have to be included in the Infrastructure List which will be submitted during the DRB action.

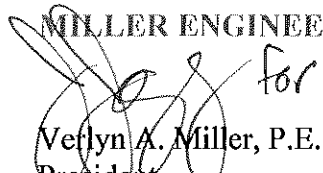
The proposed storm drain system is included in the Infrastructure list which will be submitted as part of the DRB submittal and attached herein. The design for the storm drain system was based on City Project Number 637181 – Beverly Hills Ave & Venice Ave Office/Warehouse project by Isaacson & Arfman, P.A. (stamped by Fred Arfman PE #

7322 on 8/14/2000 and approved by the City Engineer in August 2000). These plans show a future 36" RCP crossing the frontage of Lot 29 with future curb inlets placed on the north side of Beverly Hills Ave. just east of the west property line of Lot 29 and just west of the east property line of lot 30 (already installed). These plans also have Q's for the proposed storm drain system. See attached plans

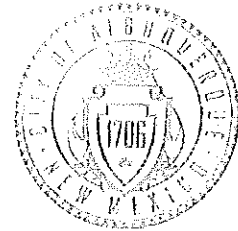
The 36" existing storm drain that has been constructed west of our site (Lot 29) is a 36" RCP. There is an existing Manhole just west of Lot 29 with a 36" RCP stubbed out just past the end of the existing pavement at the west property line of our site. This existing storm drain system is based on Project No. 722081 Beverly Hills Ave Paving and Utility Improvements project by Advanced Engineering and Consulting, LLC (stamped by Shahab Biazar PE # 13479 on 8/25/2005 and approved by the City Engineer in Dec. 2004). These plans show a future 36" RCP stub to the west property line Lot 29. These plans also have Q's for the proposed storm drain system that match the Q's on the plans mentioned above by Fred Arfman. See Attached plans.

If you have any questions or need any additional information, please feel free to contact our office.

MILLER ENGINEERING CONSULTANTS, INC.


Verlyn A. Miller, P.E.
President

VAM:vam
Enclosures
cc: File



Timothy M. Keller, Mayor

December 8, 2017

John Jacquez, P.E.
Miller Engineering Consultants, Inc
3500 Comanche NE Bldg. F
Albuquerque, NM, 87107

**RE: Sundance Construction – Beverly Hills
Conceptual Grading Plan
Engineer's Stamp Date: No Stamp Date
Hydrology File: B18D023**

Dear Mr. Jacquez:

PO Box 1293

Albuquerque

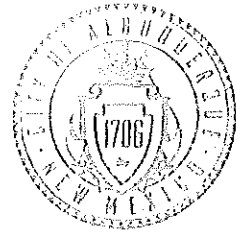
NM 87103

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CITY OF ALBUQUERQUE



Timothy M. Keller, Mayor

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department

PO Box 1293

Albuquerque

NM 87103

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ESTIMATE SHEET
INFRASTRUCTURE IMPROVEMENTS

FIGURE 7

City Project No. 1011397
DRB Case No. 17DRB-70272

Sheet 1 of _____
Map No. _____

Date Estimate Prepared: 12/14/17 Agreement Procedure: _____ (A, B, or C)
Date DRC Chair Approved: _____

1. APPLICANT INFORMATION:

- a. Developer: St. Rocky Hughes
Contact Person: Rocky Hughes
Mailing Address: _____
Phone No.: _____ Zip Code: _____
- b. Consulting Engineer: Miller Engineering Consultants
Contact Person: John Jacques
Mailing Address: 2500 Cimarron NE Bldg F
Phone No.: 888-7500 Zip Code: 87107
- c. Agent/Owner Representative: Vigil & Associates
Mailing Address: 4477 Irving NW, Suite A, AlB NM 87114
Phone No.: 890-5030 Zip Code: 87114

2. TITLE & GENERAL SCOPE OF PROJECT:

Development for Car Storage & Retail

3. SUBDIVISION NAME & EXISTING LEGAL DESCRIPTION OF PROPERTY TO BE SERVED:

lot 29 Blk 4 N Albuquerque Acres
UNIT B

Recording Info: _____ Date: _____ Book: _____ Page: _____ UPC: _____

4. PROPOSED SUBDIVISION NAME AND LEGAL DESCRIPTION:

SAME AS ABOVE

5. DETAILED SUMMARY OF IMPROVEMENTS

| Location | From | To | W | SAS | SD | P | Misc. |
|------------------------------|------|----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <u>See Excel Spreadsheet</u> | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

This page to be filled out by applicant.

FIGURE 7

Sheet 1 of _____

NOTE:

- This page to be filled out by applicant.

ESTIMATE SHEET INFRASTRUCTURE IMPROVEMENTS

FIGURE 7

PROJECT NO. _____

SHEET _____ OF _____

13. REQUIRED INFORMATION (TO BE COMPLETED BY CITY PROJECT REVIEW SECTION)

- a. ☐ Request For Outstanding Pro-rata determination Required: (See Form Figure 8)
☐ Request For Outstanding Pro-rata determination Not Required.
- b. ☐ Pro-rata to be assessed against adjacent parcels: (See Form Figure 21)
☐ No Pro-rata to be assessed against adjacent parcel.

14. EASEMENTS/PERMITS/DOCUMENTS REQUIRED:

| | Prior to Signoff | Prior to W.O. | Prior to Plat Sign | Prior to Acceptance |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. Agreement & Covenant | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Drainage Covenant | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. License Agreement | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Revocable Permit | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Encroachment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Easement | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. State Highway Permit Required | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h. MRGCD License Agreement | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Other _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| j. Other _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Notes: _____

OTHER PERMITS REQUIRED:

Work Order - Excavation Ordinance Permits

(1 Block = 660 Lin. Ft.)

| | | | |
|--------------------------------|----------------|--------------|-------|
| Sanitary Sewer Lines | _____ Block(s) | @ \$ 42.00 = | _____ |
| Sewer Services. (see NOTE 1) | _____ Each | @ \$ 42.00 = | _____ |
| Water Lines | _____ Block(s) | @ \$ 42.00 = | _____ |
| Storm Drainage Facilities | _____ Block(s) | @ \$ 42.00 = | _____ |
| Street Grading | _____ Block(s) | @ \$ N.C. | _____ |
| Curb & Gutter | _____ Block(s) | @ \$ 42.00 = | _____ |
| Valley Gutter | _____ Block(s) | @ \$ 42.00 = | _____ |
| Drive Pads.(see NOTE 2) | _____ Each | @ \$ 42.00 = | _____ |
| Wheelchair Ramps.(see NOTE 3) | _____ Each | @ \$ 42.00 = | _____ |
| Sidewalk.(unless deferred) | _____ Block(s) | @ \$ 42.00 = | _____ |

Subtotal = _____

NOTE 1 -No charge if these are constructed in conjunction with a new sewer line.

NOTE 2 -No charge if these are constructed contiguous with curb & gutter at time of Work Order.

NOTE 3 -No charge if these are constructed contiguous with sidewalk at time of Work Order.

Street Restoration Fee (LF of excavation @ centerline + 30)x
 (paved street width) x (1/9) x (\$ _____) =

Subtotal = _____

This page to be filled out by City Design Review Section

ESTIMATE SHEET
INFRASTRUCTURE IMPROVEMENTS

FIGURE 7

PROJECT NO. _____

SHEET _____ OF _____

15. SIGNATURES:

Prepared By:

John Jacques 12/14/17

Name

Date

Miller Engineering Cons.

Firm

- All work shall be done in accordance with the City of Albuquerque Standard Specifications for Public Works construction, (Most Current Edition).
- If work order is not issued within one (1) year of DRC Chairman's Approval (item 16), then this document must be revised and resubmitted prior to entering into construction contract.

16. REVIEWED AND APPROVED BY:

D.R.C. Chairman

Date

17. WORK ORDER DOCUMENTATION COMPLETE AND ACCEPTABLE:

Project Administrator

Date

This page to be filled out by City Design Review Section

ESTIMATE SHEET
INFRASTRUCTURE IMPROVEMENTS

FIGURE 7

PROJECT NO. _____ SHEET _____ OF _____

18. ☐ See Financial Guaranty provided under separate cover

| | | |
|------------------------------------|---------|--------------|
| Approved Estimate Amount: | _____ | |
| Contingency Amount: | _____ % | _____ |
| Subtotal: | | _____ |
| NMGRT | _____ % | _____ |
| Subtotal: | | _____ |
| Engineering Fee | _____ % | _____ |
| Testing Fee | _____ % | _____ |
| Subtotal: | | _____ |
| Financial Guaranty Rate | | 1.25 % _____ |
| Total Financial Guaranty Required: | | _____ |

*****FEES DUE*****

19. Amount of DESIGN DEPOSIT FEE (Figure 5) paid: \$ _____

Receipt of ENGINEERING FEES (Procedures "A" and "B") paid : \$ _____

Project Administrator Date

Amount of PRO-RATA assessed against property \$ _____

*****FOR CONSTRUCTION*****

20. WORK ORDER PACKAGE TO CONSTRUCTION MANAGEMENT DIVISION:

Received By Date

21. APPROVED FOR CONSTRUCTION:

Construction Management Division Date

22. WORK ORDER RECEIVED: PROPOSED STARTING DATE:

Name/Firm Date

This page to be filled out by City Design Review Section

ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST

BEVERLY HILLS AVE.
PUBLIC INFRASTRUCTURE

12/13/2017

| SEQ. NO. | COA ITEM NO. | DESCRIPTION | UNIT | QTY | UNIT PRICE | TOTAL |
|----------------|--------------|------------------------------|------|-----|-------------|--------------|
| 1 | 4.01 | STKG | LS | 1 | \$ 1,090.86 | \$ 1,090.86 |
| 2 | 4.02 | SURVEY | LS | 1 | \$ 1,020.73 | \$ 1,020.73 |
| 3 | 6.01 | CONST SIGN | EA | 1 | \$ 636.93 | \$ 636.93 |
| 4 | 6.05 | MOB | LS | 1 | \$ 3,716.71 | \$ 3,716.71 |
| 5 | 6.06 | DEMOB | LS | 1 | \$ 233.75 | \$ 233.75 |
| 6 | 19.01 | TRAFF CONT & BARR | LS | 1 | \$ 1,636.29 | \$ 1,636.29 |
| 7 | 116.03 | RES ASP CONC TYPE C | TON | 60 | \$ 69.32 | \$ 4,159.20 |
| 8 | 116.032 | PLCMT RES ASP. CONC, 3" | SY | 335 | \$ 6.25 | \$ 2,093.75 |
| 9 | 202.01 | EXCAV & DISP, U, >2' | CY | 150 | \$ 14.17 | \$ 2,125.50 |
| 10 | 301.02 | SUBGRADE PREP, 12" | SY | 335 | \$ 2.00 | \$ 670.00 |
| 11 | 340.01 | SDWK, 4", PCC | SY | 42 | \$ 40.09 | \$ 1,683.78 |
| 12 | 340.02 | DRVPD, 6", PCC | SY | 45 | \$ 51.06 | \$ 2,297.70 |
| 13 | 340.025 | WLCHR ACC RAMP, 4" PCC | EA | 4 | \$ 1,222.53 | \$ 4,890.12 |
| 14 | 340.05 | C & G STD, PCC | LF | 110 | \$ 20.31 | \$ 2,234.10 |
| 15 | 340.21 | SDWK 24" DRN | EA | 2 | \$ 2,000.48 | \$ 4,000.96 |
| 16 | 343.020 | AC PVMT < 4", SAW, R&D | SY | 2 | \$ 6.23 | \$ 12.46 |
| 17 | 510.100 | CUT OFF WALL, PCC | CY | 5 | \$ 566.12 | \$ 2,830.60 |
| 18 | 701.110 | TRCH, BF, 18-36" SWR, 8'-12' | LF | 170 | \$ 27.25 | \$ 4,632.50 |
| 19 | 701.020 | TRCH, BF, 4-15" SAS, 8'-12' | LF | 170 | \$ 20.65 | \$ 3,510.50 |
| 20 | 801.002 | 6" WL PIPE W/O FIT | LF | 10 | \$ 21.28 | \$ 212.80 |
| 21 | 801.003 | 8" WL PIPE W/O FIT | LF | 170 | \$ 22.24 | \$ 3,780.80 |
| 22 | 801.059 | NON PRESS CONN, W/FIT, WL | EA | 1 | \$ 1,027.77 | \$ 1,027.77 |
| 23 | 801.065 | DI FIT, MJ, 4"-14", WL | LB | 150 | \$ 3.30 | \$ 495.00 |
| 24 | 801.081 | 6" GATE VLV | EA | 1 | \$ 689.69 | \$ 689.69 |
| 25 | 801.082 | 8" GATE VLV | EA | 2 | \$ 875.06 | \$ 1,750.12 |
| 26 | 801.105 | VLV BOX A | EA | 3 | \$ 404.35 | \$ 1,213.05 |
| 27 | 801.113 | FH 4' | EA | 1 | \$ 2,310.58 | \$ 2,310.58 |
| 28 | 802.51 | 1-1/2"-2" WTR MTR BOX | EA | 1 | \$ 421.80 | \$ 421.80 |
| 29 | 802.65 | 2" WTR SVC, SS | EA | 1 | \$ 531.91 | \$ 531.91 |
| 30 | 901.030 | 8" SAS PIPE | LF | 170 | \$ 13.61 | \$ 2,313.70 |
| 31 | 905.050 | 4" NEW SAS SVC | EA | 1 | \$ 1,111.84 | \$ 1,111.84 |
| 32 | 901.500 | MH CONN, <15" | EA | 1 | \$ 965.58 | \$ 965.58 |
| 33 | 901.620 | WET CONN, 12" - 15" | EA | 1 | \$ 166.28 | \$ 166.28 |
| 34 | 910.005 | 18" RCP, III | LF | 25 | \$ 38.96 | \$ 974.00 |
| 35 | 910.017 | 36" RCP, III | LF | 170 | \$ 76.79 | \$ 13,054.30 |
| 36 | 915.010 | CTH BSN, A SG | EA | 1 | \$ 4,329.49 | \$ 4,329.49 |
| 37 | 920.080 | MH 4' DIA, C or E, >10'-14'D | EA | 1 | \$ 3,353.10 | \$ 3,353.10 |
| 38 | 920.140 | MH 6' DIA, C or E, >6'-10'D | EA | 1 | \$ 4,075.48 | \$ 4,075.48 |
| SUBTOTAL | | | | | \$ | 86,253.73 |
| NMGRT @ 7.000% | | | | | \$ | 6,037.76 |
| TOTAL | | | | | \$ | 92,291.49 |