# CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



March 19, 2019

Robert Quintana QA Engineering 4700 Lincoln Rd. Albuquerque, NM 87109

RE: 1<sup>st</sup> Nations Community Healthsource 5608 Zuni SE Revised Grading and Drainage Plan for SO-19 Engineers Stamp Date: 3/8/19 Drainage File: L18D047

Dear Mr. Quintana:

Based on the submittal received on 3/18/19, the Grading and Drainage Plan is approved for SO-19 and Grading Permit.

<u>Prior to Permanent Certificate of Occupancy (For Information):</u>

Albuquerque

1. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

2. The sidewalk culverts must be inspected and approved by storm drain maintenance (David Harrison, dsharrison@cabq.gov or 857-8053).

www.cabq.gov

If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

Sincerely,

Dana Peterson, P.E.

Senior Engineer, Planning Dept. Development Review Services



# City of Albuquerque

### Planning Department

Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

First Nations  Project Title: Community Healthsource		P-2017-43088 P-2017-44384 Hydrology File #: L18D047
		Work Order#:
Legal Description: Lot A-1-A, Block 6		
City Address: 5608 Zuni Road SE, Albu		<u> </u>
City Address		_
Applicant: QA Engineering		Contact: Robert Quintana
Address: 4700 Lincoln Road, Albuquer	que, NM 87109	
Phone#: 505-338-7092	Fax#: <u>N/A</u>	E-mail: robert@qaengineering.co
Other Contact: N/A		Contact:
Address:		
		E-mail:
IS THIS A RESUBMITTAL?  DEPARTMENT TRANSPORTATI		AINAGE
Check all that Apply:		APPROVAL/ACCEPTANCE SOUGHT: DING PERMIT APPROVAL
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COA STAFF: ELECTRONIC SUBMITTAL RECEIVED:

FEE PAID:

EXISTING

LOT 21, BLOCK 6

BARON BURG HEIGHTS

LOT 20, BLOCK 6

BARON BURG HEIGHTS

MODIFIED DRAINAGE PLAN

GAS METER/

**Private Drainage Facilities within City Right-of-Way Notice to Contractor** (Special Order 19 ~ "SO-19")

An excavation permit will be required before beginning any work within City Right-Of-Way. All work on this project shall be performed in accordance with

**LEGEND** 

TBC

TΑ

TG

(WM)

applicable federal, state and local laws, rules and regulations concerning construction safety and health. Two working days prior to any excavation, the contractor must contact **New Mexico One Call, dial "811"** [of (505) 260-1990]

for the location of existing utilities. Prior to construction, the contractor shall excavate and verify the locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.

Backfill compaction shall be according to traffic/street use. Maintenance of the facility shall be the responsibility of the owner

of the property being served. Work on arterial streets may be required on a 24-hour basis.

2" TO EXISTING BLDG

— 2-1/2**"** 

► F.L. 5275.99

2" W IN CEILING SPACE

I.E. 5276.15 -

LOT 5, BLOCK 6

BARON BURG HEIGHTS

TO JAN. CLOSET

1-1/4" G

´1-1/4" Ġ /

Contractor must contact David S. Harrison at 857-8053 or dsharrison@cabq.gov and Construction Coordination at 924-3416 to schedule an inspection.

**GENERAL NOTES** 

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING ALL WORK INDICATED ON THE DRAWINGS, THIS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, SUPPLIES, AND MATERIALS IN ADDITION TO PERFORMING ALL OPERATIONS.

PERFORM ALL WORK IN A NEAT AND WORKMANLIKE MANNER IN FULL COMPLIANCE WITH ALL APPLICABLE CODES. ALL LOCAL AND STATE REQUIREMENTS SHALL BE OBSERVED DURING THE PERFORMANCE OF THIS WORK.

CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER OF ANY AND ALL DISCREPANCIES FOUND BETWEEN CONTRACT DOCUMENTS AND/OR LEGAL OR SAFETY REQUIREMENTS.

CONTRACTOR SHALL FOLLOW ALL MANUFACTURER RECOMMENDED INSTALLATION GUIDELINES.

CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.

### KEYED NOTES

EXISTING 150kVA, 208Y/120V TRANSFORMER AND METER. ROUTE NEW UNDERGROUND.

POINT OF CONNECTION. NEW TO EXISTING SANITARY SEWER.

- EXISTING STORM DRAIN INLET WITH FRENCH DRAIN. SEE DETAIL 1
- ON THIS SHEET. C-100.
- NEW 4" SANITARY SEWER. NEW GRADE CLEANOUT.
- COORDINATE INVERT DEPTH AND TIE-IN ELEVATION PRIOR TO INSTALLING SANITARY SEWER LINE.
- CURB CUT AND CONCRETE APPRON.
- NEW 2-1/2" WATER LINE AND ROUTE AS SHOWN.
- NOT USED.
- NEW STORM DRAIN INLET WITH FRENCH DRAIN. SEE DETAIL 1 ON THIS SHEET, C-100. SLOPE FINISHED LANDSCAPE AROUND INLET TO DRAIN INTO INLET. 10. NOT USED.
- NEW 80ft<sup>3</sup> DRAINAGE POND. MATERIAL TO MATCH SURRONDING LANDSCAPE
- 12. EXISTING 1-1/4" GAS FEED TO MAIN BUILDING FROM EXISTING GAS
- METER AND REGULATOR ASSEMBLY. 13. TIE INTO EXISTING GAS LINE AT MANIFOLD WITH A 1-1/4" TEE AND
- PLUG VALVE. ROUTE 1-1/4" SCH. 40 BLACK STEEL TO NEW 2-STORY ADDITION ROOF. SEE ME-201.
- 14. TIE INTO EXISTING WATER LINE ENTERING EXISTING ONE STORY BUILDING.
- 15. NEW 6" DIA. SDR-35 DRAIN LINE. PROVIDE 1/8" PER FT. MINIMUM SLOPE, DISCHARGE INTO NEW CONCRETE CULVERT, CONTRACTOR TO PULL SO-19 PERMIT. SEE NOTE THIS SHEET.
- 16. PROVIDE NEW CONCRETE CULVERT PER COA STANDARDS. SEE

**DETAILS THIS SHEET.** SINGLE CULVERT DOUBLE CULVERT SYMMETRICAL SYMMETRICAL

12" MIN. 24" MAX. \_\_\_\_\_\_ -BOTTOM OF C. & G. FLOWLINE ELEV.-SECTION A-A

EXISTING UNDERGROUND ELECTRIC

POINT OF CONNECTION

TOP BACK OF CURB

TOP OF CONCRETE

TOP OF ASPHALT

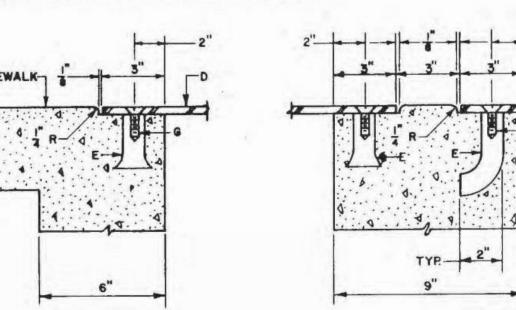
TOP OF GRATE

FINISH FLOOR

WATER VALVE

**EXISTING WATER METER** 

FLOW LINE



SECTION C-C

NO. 3 DEFORMED BAR

G. 3/8" - 16 x 1 1/4" COUNTERSUNK, F.N., STAINLESS STEEL, MACHINE SCREW. H. SLOPE 1/4" PER FT. MIN.

DWG. 2236

WITHIN 6" OF EACH END.

1/2" EXPANSION JOINT.

. 3" RADIUS (TYPICAL)

NOTE 7, ABOVE).

CITY OF ALBUQUERQUE DRAINAGE

AND CURB & GUTTER REQUIRES THAT ENTIRE

SIDEWALK AND C & G STONES BE REMOVED

BOTTOM SLAB OF CULVERT SHALL BE POURED

THE INVERT SHALL BE TROWELED TO PRODUCE A HARD POLISHED SURFACE OF MAX DEMSITY

AND SMOOTHNESS. INVERT SHALL BE V-SHAPED TO WITHIN 3" OF OUTLET. THEN

WARPED TO PARALLEL FLOWLINE AT OUTLET,

GRADE, COLOR, FINISH AND SCORING OF

SHALL BE POURED MONOLITHICALLY WITH

F.H. MACHINE SCREW. ATTACH ANCHORS TO

PLATE AND SECURE PLATE IN PLACE PRIOR TO

LENGTH OF EACH PLATE SHALL BE SUCH THAT THE WEIGHT WILL NOT EXCEED 300 LBS. AND

SHALL BE STRESS RELIEVED AFTER

FABRICATION. CLEAN SURFACE OF PLATE AND

FRAMING MEMBERS AND PAINT W/ ONE SHOP COAT RED OXIDE AND TWO FINISH COATS

FOR MAINTENANCE OF ANY SIDEWALK CULVERT INSTALLED BY OR FOR PRIVATE PROPERTY

ANCHOR, "RED HEAD MULTI-SET II SRM-38

ANCHOR" OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS AT MAX. 24"

O.C., A MINIMUM OF 2 PER SIDE AND ONE

CONSTRUCTION JOINT IS OPTIONAL. IF USED.

SPACE DOWELS AT 18" O.C. MAX., 1 1/2"

AND REPLACED AS DETAILED HEREIN.

MONOLITHICALLY WITH NEW GUTTER.

UNLESS OTHERWISE SHOWN.

CULVERT WALLS.

POURING OF WALLS.

ADJACENT CURB AND SIDEWALK.

ALUMINUM PAINT (AASHTO M 69).

WITH STEEL PLATE TOP

C-100A

GENERAL NOTES: 1. PLACING OF DRAIN THRU EXIST. SIDEWALK . ALL EXPOSED CONC. SURFACE SHALL MATCH 5. SIDEWALK REPLACED DURING CONSTRUCTION 6. IF ROD ANCHORS ARE USED, DRILL & TAP FOR WELD 3/4" STEEL ROD TO PLATE FULL LENGTH OF OPENING FLOWLINE-8. THE CITY WILL NOT ASSUME RESPONSIBILITY SINGLE AND OR MULTIPLE CULVERT SECTION D-D CONSTRUCTION NOTES A. MATCH NEAREST CONTROL JOINT, INSTALL B. EDGE OF SIDEWALK OR SETBACK (VARIABLE). D. 3/8" CHECKERED STEEL PLATE (PAINT PER E. FOR SECURING PLATE USE 1"X 5" S.S. ROD

SECTION B-B

DOWEL DETAIL

. DRAIN WIOTH PER PLAN (12" MIN., 24" MAX). SIDEWALK CULVERT

MINIMUM FROM FACE OF CONCRETE.

CHECKED BY: 03/08/2019 DATE

CLIENT PROJ #:

ARCHT PROJ #:

DRAWN BY:

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**buffalo**design

architects

1113 rhode island st ne

albuquerque, nm 87110

SEAL

PROJECT

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MAMUI NFRAS EMEN

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SHEET TITLE **REVISED FOR SO-19** PLAN