

CITY OF ALBUQUERQUE



January 23, 2018

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

RE: **1st Nations Community Healthsource**
5608 Zuni SE
Grading and Drainage Plan
Engineers Stamp Date: 1/17/18
Drainage File: L18D047

Dear Mr. Quintana:

Based on the information provided in your submittal received 1/22/18, the Grading and Drainage Plan is approved for Building Permit. Geotextile fabric is also recommended around the gravel pack to reduce maintenance of the French drains.

PO Box 1293

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

Albuquerque

Sincerely,

NM 87103

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 10/2015)

Project Title: 1st Nation Health Infrastructure improvements **Building Permit #:** _____ **Hydrology File #:** _____

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

Legal Description: _____

City Address: 5608 Zuni SE, Albuquerque, NM 87108

Applicant: QA Engineering **Contact:** Robert Quintana

Address: 4700 Lincoln Rd, Albuquerque, NM 87109

Phone#: 505-338-7092 **Fax#:** _____ **E-mail:** robert@qaengineering.com

Other Contact: QA Engineering **Contact:** Jon Anthony

Address: _____

Phone#: 505-338-7092 **Fax#:** _____ **E-mail:** jon@qaengineering.com

Check all that Apply:

DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY

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) _____

- ☐ 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?

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No ☐ OTHER (SPECIFY) _____

DATE SUBMITTED: 1/17/18 By: W. A. C. C.

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

EAL



PROJECT

FIRST NATIONS COMMUNITY HEALTHSOURCE
HEALTH INFRASTRUCTURE
IMPROVEMENT PROJECT

5608 ZUNI SE, ALBUQUERQUE, NM 87108

| REVISIONS | | DESCRIPTION |
|-----------|---------|------------------------|
| WMK | DATE | POND & REVIEW COMMENTS |
| 1 | 1/17/18 | |
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| CLIENT PROJ #: | |
| ARCHT PROJ #: | |
| DRAWN BY: | |
| CHECKED BY: | |
| DATE | 01/17/2018 |

HEET TITLE
SITE UTILITIES DEMO
PLAN

CD-100


GENERAL NOTES

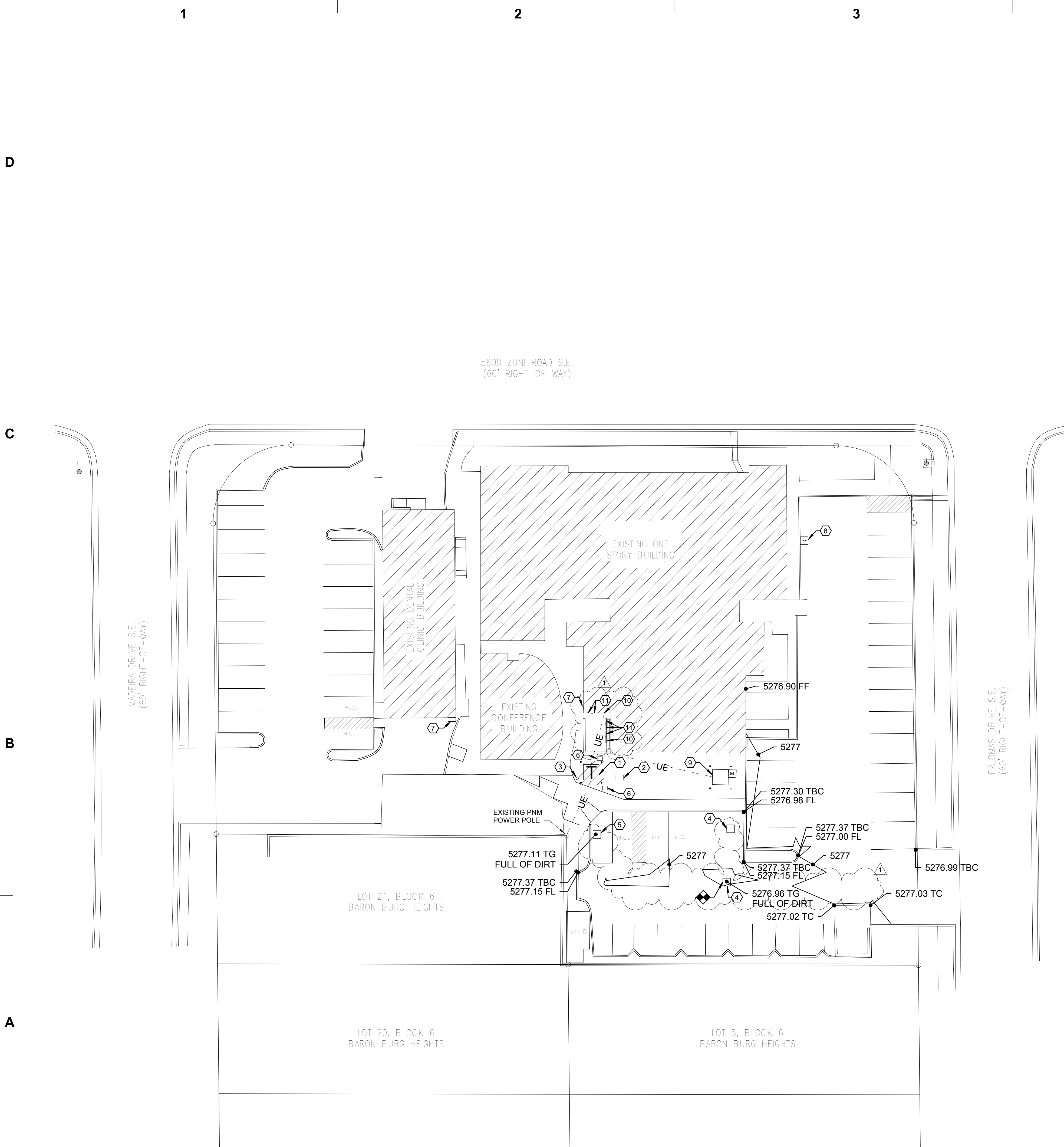
- A. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING ALL WORK INDICATED ON THE DRAWINGS, THIS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, SUPPLIES, AND MATERIALS IN ADDITION TO PERFORMING ALL OPERATIONS.
- B. PERFORM ALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER IN FULL COMPLIANCE WITH ALL APPLICABLE CODES AND THE NATIONAL ELECTRICAL CODE (NEC). ALL LOCAL AND STATE REQUIREMENTS SHALL BE OBSERVED DURING THE PERFORMANCE OF THIS WORK.
- C. CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER OF ANY AND ALL DISCREPANCIES FOUND BETWEEN CONTRACT DOCUMENTS AND/OR LEGAL OR SAFETY REQUIREMENTS.
- D. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER RECOMMENDED INSTALLATION GUIDELINES.
- E. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- F. ALL CONDUCTORS SHALL BE COPPER, RATED FOR 600 VOLTS WITH TYPE THHN/THWN, 90 DEGREE INSULATION UNLESS OTHERWISE NOTED. MINIMUM WIRE SIZE SHALL BE #12 AWG FOR POWER CIRCUITS. CONDUCTORS SHALL BE SOLID WIRE FOR #12 AWG AND STRANDED FOR #10 AWG OR LARGER. ALL WIRING SHALL BE RUN IN CONDUIT INCLUDING LOW VOLTAGE CONTROL WIRING. SIGNAL WIRING MAY BE RUN IN PVC CONDUIT OR PVC FLEXIBLE TUBING.
- G. GENERALLY, CONDUIT SHALL BE EMT, 1/2" MINIMUM. IN AREAS SUBJECT TO DAMAGE CONDUIT SHALL BE RIGID OR IMC TYPE. ALL CONDUIT SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
- H. SUPPORT ALL CONDUIT INDEPENDENTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM VENTILATION DUCTS, MECHANICAL PIPING, SUSPENDED CEILING GRIDS, OR THEIR HANGERS. USE NEC ACCEPTABLE METHODS OF SUPPORT.
- I. INSTALL EXTERIOR WIRING AND DEVICES IN CONDUIT WITH WEATHERPROOF FITTINGS AND IN WEATHERPROOF BOXES. ALL DEVICES AND EQUIPMENT SHALL BE RATED FOR EXTERIOR USE.
- J. MAINTAIN A MINIMUM OF 24 INCH SEPARATION BETWEEN POWER CONDUITS AND SIGNAL CONDUITS AS PRACTICAL. ROUTE CONDUITS TO NOT CROSS EACH OTHER.

KEYED NOTES

1. DEMO EXISTING TRANSFORMER.
2. DEMO EXISTING BACKFLOW PREVENTER, VERIFY WATER LINE ROUTING.
3. EXISTING SANITARY SEWER LINE TO BE DEMOLISHED.
4. EXISTING STORM DRAIN INLET TO REMAIN. CLEAN AND FLUSH STORM DRAIN INLET.
5. EXISTING STORM DRAIN INLET TO BE REMOVED.
6. EXISTING IRRIGATION BOX TO BE REMOVED. CAP AND ABANDON IN PLACE IRRIGATION LINES.
7. EXISTING GAS METER AND/OR MANIFOLD TO REMAIN.
8. EXISTING DOUBLE CLEANOUT TO REMAIN.
9. EXISTING 150kVA, 208Y/120V TRANSFORMER TO REMAIN.
10. EXISTING MAIN BUILDING AND DENTAL BUILDING ELECTRIC SERVICE DISCONNECT AND METERS TO BE REMOVED.
11. EXISTING PANEL BOARD SERVICE DISCONNECTS TO REMAIN (7).

LEGEND

- | | |
|---|----------------------------------|
| — — UE — — | EXISTING UNDERGROUND ELECTRIC |
| — — SD — — | EXISTING UNDERGROUND STORM DRAIN |
|  | POINT OF DISCONNECT |
| TBC | TOP BACK OF CURB |
| FL | FLOW LINE |
| TC | TOP OF CONCRETE |
| TA | TOP OF ASPHALT |
| TG | TOP OF GRATE |
| FF | FINISH FLOOR |



SITE UTILITIES DEMO PLAN

1" = 20'-0"

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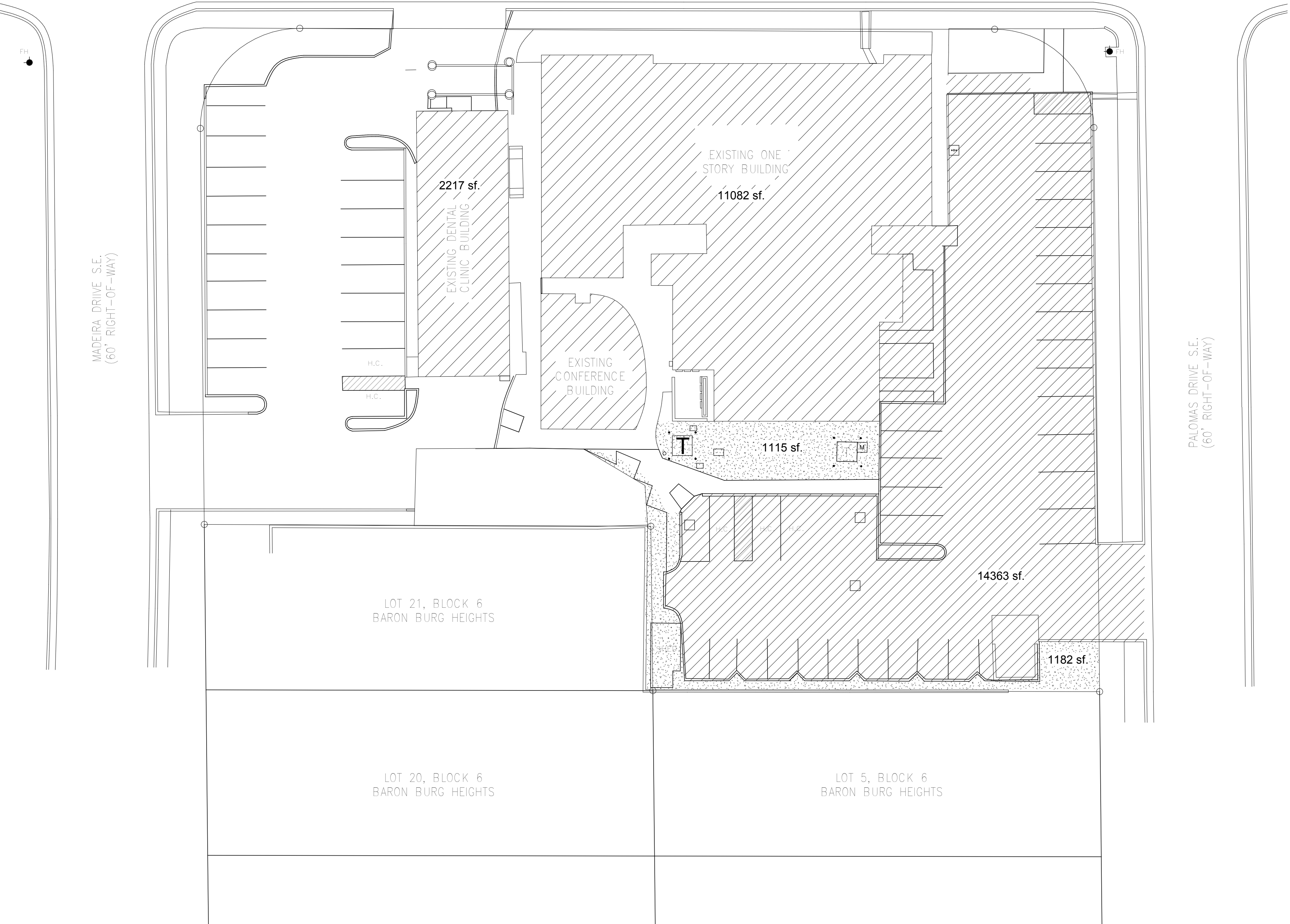
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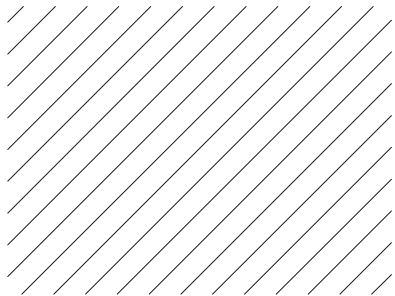
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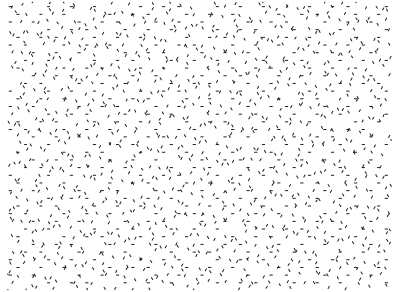
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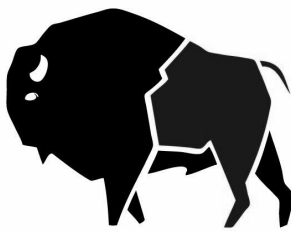
LEGEND



IMPERVIOUS



PERMEABLE



buffalodesign
architects

1113 rhode island st ne
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| ARCHT PROJ #: | |
| DRAWN BY: | |
| CHECKED BY: | |
| DATE | 01/17/2018 |


SHEET TITLE
SITE GRADING AND
DRAINAGE DEMO PLAN

CD-101

SITE GRADING AND DRAINAGE DEMO PLAN

1" = 20'-0"

C

| <u>LEGEND</u> | |
|---|-------------------------------|
| -- UE -- | EXISTING UNDERGROUND ELECTRIC |
|  | POINT OF CONNECTION |
| TBC | TOP BACK OF CURB |
| FL | FLOW LINE |
| TC | TOP OF CONCRETE |
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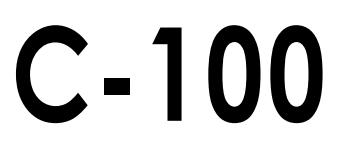
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- F. CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.

1. EXISTING 150kVA, 208Y/120V TRANSFORMER AND METER. ROUTE NEW UNDERGROUND.
2. EXISTING STORM DRAIN INLET WITH FRENCH DRAIN. SEE DETAIL 1 ON THIS SHEET, C-100.
3. NEW 4" SANITARY SEWER.
4. NEW GRADE CLEANOUT.
5. POINT OF CONNECTION. NEW TO EXISTING SANITARY SEWER. COORDINATE INVERT DEPTH AND TIE-IN ELEVATION PRIOR TO INSTALLING SANITARY SEWER LINE.
6. CURB CUT AND CONCRETE APRRON.
7. NEW 1-1/2" WATER TAP TO CITY MAIN. TRANSITION TO 2" COPPER OR SCH. 40, PVC AND ROUTE TO NEW BUILDING.
8. NOT USED.
9. 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.
11. NEW 800¹⁸ DRAINAGE POND. MATERIAL TO MATCH SURROUNDING 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.



1 BUBBLER BASIN
C-100

N.T.S.



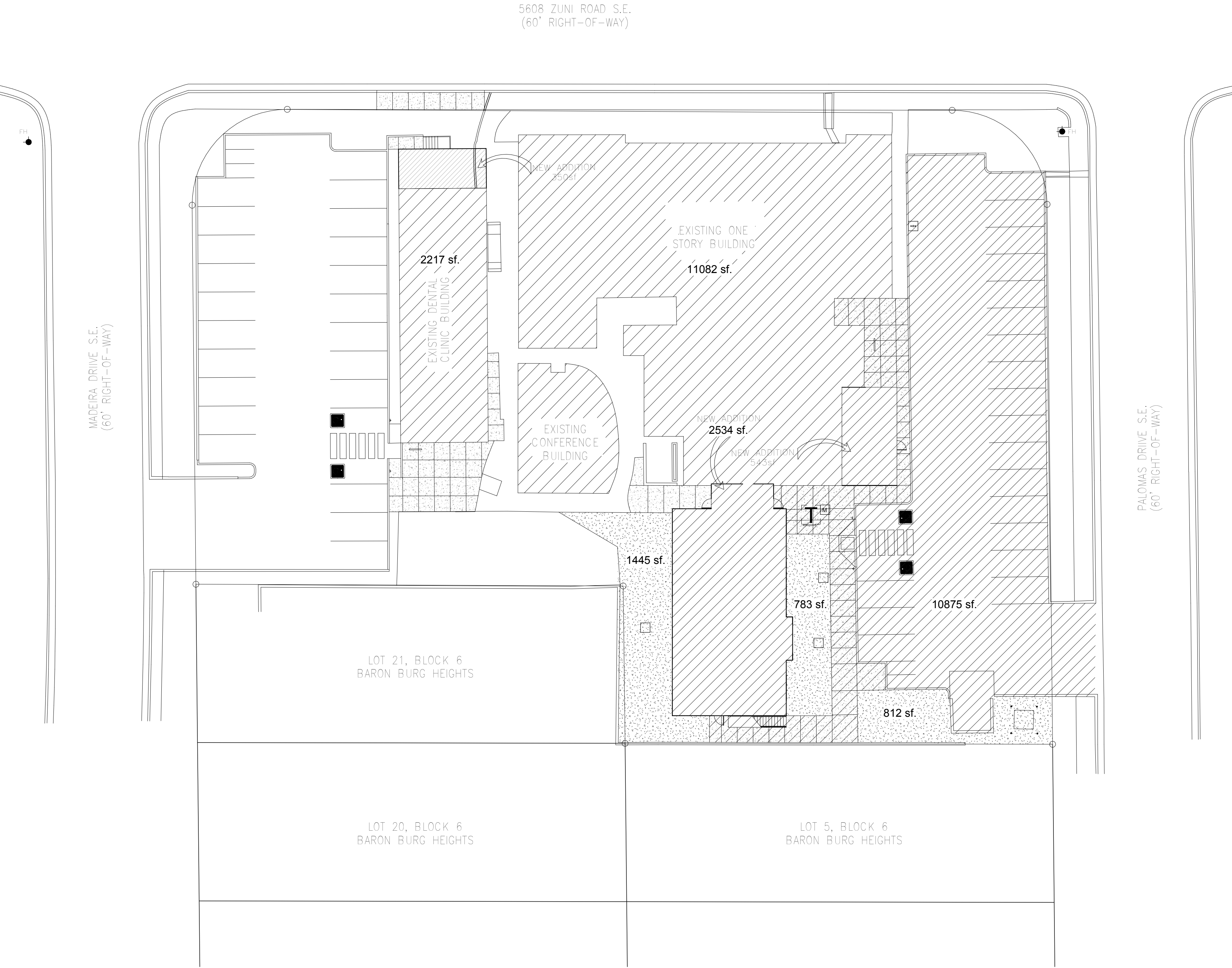
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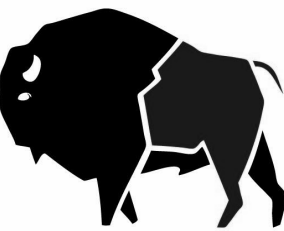
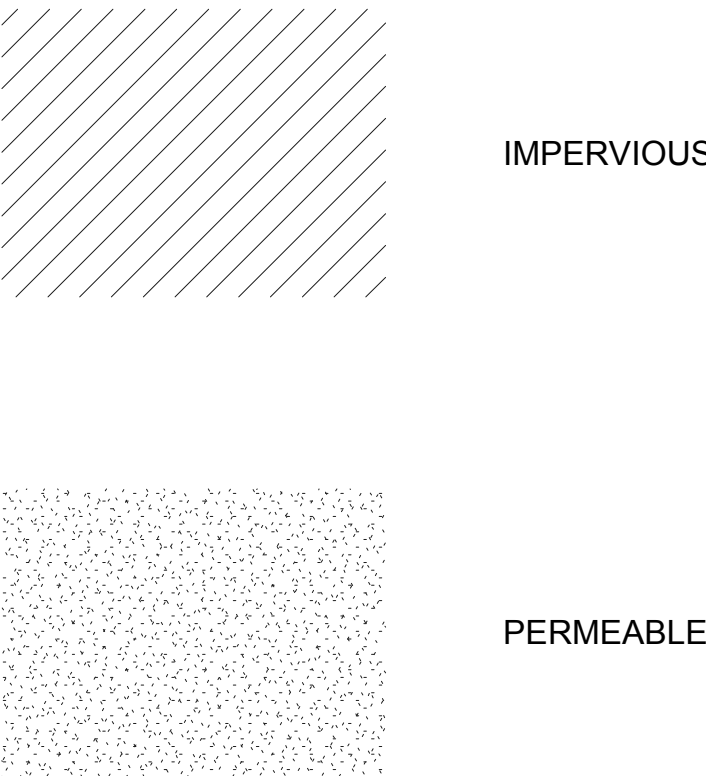


SITE GRADING AND DRAINAGE PLAN
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architects

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C-101