# CITY OF ALBUQUERQUE

August 2, 2016



Glenn Broughton, PE Bohannan-Huston 7500 Jefferson St NE Courtyard I Albuquerque, NM 87109

Re: Presbyterian Paradise Clinic

4588 Paradise Blvd. NW

Request Temporary 60-Day C.O. - Accepted Engineer's Stamp dated: 10-8-15 (C12D003B7)

Certification dated: 7-29-16

Dear Mr. Broughton,

Based on the Certification received 7/29/2016, the above referenced is approved for a 60-day Temporary Release of Occupancy by Hydrology. However, before a permanent CO can be accepted the following comments must be addressed.

All ponds must be landscaped

• Key note #12, landscape berm must completed

- Three most southern diamond shaped curb stops are incomplete therefore missing the curb cuts
- 18" Nyoplast drain basin with dome is missing in SW pond
- Key note #21, concrete rundown is not flared
- Key note #16, 4" pipe sleeve thru wall for drainage is missing

New Mexico 87103

PO Box 1293

Albuquerque

If you have any questions, you can contact me at 924-3695 or Totten Elliott at 924-3682.

www.cabq.gov

Rita Harmon, P.E.

Sincerely,

Senior Engineer, Planning Dept.

Development Review Services

TE/RH

C: email Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Blocker,

Lois

**GRADING NOTES** 

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION". ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE

CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF

ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY). 4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.

7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL

9. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.

### ○ KEYED NOTES

- 1. SEGMENTAL RETAINING WALL, SEE DETAIL 1/C-100.
- 2. INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
- 3. INSTALL 18" NYLOPLAST DRAIN BASIN WITH DOME GRATE. TOP OF GRATE ELEVATION SHOWN ON PLAN IS BASE OF DOME.
- 4. CONSTRUCT 4' DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG
- 5. CONSTRUCT RIP-RAP BOWL DISSIPATER, SEE 1/C-101.
- 6. CONSTRUCT CONCRETE RUNDOWN, SEE DETAIL 2/C-100.
- 7. INSTALL STORM DRAIN TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.
- 8. INSTALL 12" CURB OPENING FOR DRAINAGE.
- 9. NOT USED.
- 10. INSTALL SHORING WALL, SEE STRUCTURAL PLANS FOR DETAILS.
- 11. CONSTRUCT 2' WIDE CONCRETE RIBBON CHANNEL, SEE DETAIL 2/C-100.
- 12. CONSTRUCT 2' HIGH LANDSCAPE BERM, SEE LANDSCAPE PLAN FOR DETAILS. MAINTAIN POSITIVE DRAINAGE AROUND BERM ADJACENT TO
- 13. INSTALL NYLOPLAST INLINE DRAIN WITH 12" ROUND PEDESTRIAN GRATE. SEE ARCHITECTURAL DETAILS FOR 'RAIN CHAIN' CONNECTION DETAIL.
- 14. CONSTRUCT 1' HIGH LANDSCAPE BERM, SEE LANDSCAPE PLAN FOR
- 15. REMOVE AND SALVAGE EXISTING TEE POSTS. DISPOSE OF WIRE FENCING. CONTACT KURT WAGENER AT (505) 884-2215 TO COORDINATE DELIVERY OF SALVAGED MATERIALS.
- 16. INSTALL 4" PIPE SLEEVE THRU WALL FOR DRAINAGE.
  - 17. CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD
  - 18. CONSTRUCT TYPE "C" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2205.
  - 19. SIDEWALK AND ROADWAY IMPROVEMENTS WITHIN RIGHT OF WAY TO BE CONSTRUCTED UNDER CITY WORK ORDER, CITY PROJECT NUMBER 674481.
- 20. INSTALL END SECTION.
- 21. CONSTRUCT FLARED OPENING IN CONCRETE RUNDOWN PER 2/C101.
- 22. INSTALL 11.25° VERTICAL BEND.
- 23. REMOVE AND SALVAGE EXISTING WIRE FENCE CORNER PANELS. CONTACT KURT WAGNER AT (505) 884-2215 TO COORDINATE DELIVERY OF SALVAGED MATERIALS.
- 24. CONSTRUCT WIRE FENCE PULL PANEL AT END OF EXISTING WIRE FENCE PER AMAFCA STD DWG 203. NEW PULL PANEL TO ABUT NEW RETAINING
- 25.EXISTING WIRE FENCE TO REMAIN.
- 26. INSTALL 24" NYLOPLAST DRAIN BASIN WITH DOME GRATE. TOP OF GRATE ELEVATION SHOWN ON PLAN IS BASE OF DOME.
- 27. DEPRESS LANDSCAPE ISLAND. SEE PLAN FOR GRADES & LANDSCAPE PLAN FOR DETAILS.
- 28. SCREEN WALL, SEE ARCHITECTURAL PLANS FOR DETAILS.

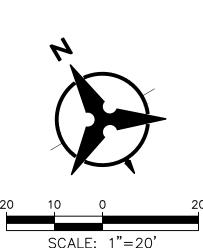
## **LEGEND**

	PROPERTY LINE	
5301 <del>_</del>	EXISTING CONTOURS	
X 5301.15	EXISTING GROUND SPOT ELEVATION	
65.23	PROPOSED SPOT ELEVATION TC=TOP OF CURB, FL=FLOW LINE TS=TOP OF SIDEWALK, TA=TOP OF ASPHALT EX=EXISTING, FG=FINISHED GRADE TG=TOP OF GRATE, INV=INVERT FGH=FINISHED GRADE HIGH FGL=FINISHED GRADE LOW	
S=2.0%	PROPOSED DIRECTION OF FLOW	
<b>\\\\\</b>	WATER BLOCK / RIDGE OR HIGH POINT	
	PROPOSED RETAINING WALL	
5305	PROPOSED INDEX CONTOURS	
<del></del>	PROPOSED INTER CONTOURS	
	PROPOSED CURB & GUTTER	
	EASEMENT	
SD	PROPOSED STORM DRAIN LINE	
•	PROPOSED STORM DRAIN MANHOLE	
	PROPOSED STORM DRAIN INLET	
	EROSION/SLOPE PROTECTION COBBLE SEE LANDSCAPE PLAN FOR DETAILS	

# **WORK ORDER NOTES**

SIDEWALK & ROADWAY IMPROVEMENTS WITHIN RIGHT OF WAY WILL B A PART OF THE CONTRACT, HOWEVER CITY WORK ORDER (INCLUDING APPROVED DRAWINGS) IS REQUIRED FOR CONSTRUCTION.

ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION AS REVISED THROUGH UPDATE #9.



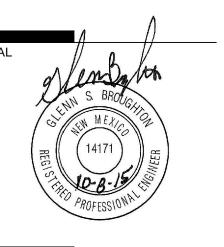


DEKKER PERICH

ARCHITECTURE / DESIGN / INSPIRATION

7601 JEFFERSON NE, SUITE 100 ALBUQUERQUE, NM 87109

505.761.9700 / DPSDESIGN.ORG



PROJECT

CONSTRUCTION **DOCUMENTS** 

/1\ 09/18/15 ADDENDUM 001 2\ 10/12/15 ADDENDUM 004

DRAWN BY **REVIEWED BY** 09-03-2015

PROJECT NO: DRAWING NAME **GRADING &** DRAINAGE PLAN

SHEET NO. C-100

APPROVED BY OWNER)

SOIL AND COMPACTION TESTING SHALL BE PERFORMED DURING CONSTRUCTION (BASE, 1/2 HEIGHT, AND FINAL).

RETAINING WALL SYSTEM REQUIREMENTS (PROVIDED BY MANUFACTURER OR CONTRACTOR).

**SEGMENTAL RETAINING WALL CONSTRUCTION NOTES:** 

RETAINING WALL CONTRACTOR TO MEET CONTRACTOR'S QUALIFICATIONS LISTED BELOW (UNLESS OTHERWISE

CONTRACTOR TO PROVIDE SHOP DRAWINGS PREPARED BY A PROFESSIONAL. ENGINEER REGISTERED IN NEW MEXICO

& QUALIFIED TO DESIGN SEGMENTAL RETAINING WALLS TO BOHANNAN HUSTON FOR REVIEW PRIOR TO SUBMITTING

APPROVED SHOP DRAWINGS MUST BE AVAILABLE ON-SITE AT ALL TIMES.

CONTRACTOR TO PROVIDE OWNER WITH COLOR SAMPLES FOR FINAL COLOR SELECTION.

ELEVATIONS SHOWN ARE TO TOP OF WALL AND BOTTOM OF WALL AT FINAL GRADE (DOES NOT INCLUDE FOOTER).

CONTRACTOR TO INCLUDE ANY OVER EXCAVATION AND CONTROLLED BACKFIELD ASSOCIATED WITH RETAINING WALL IN RETAINING WALL BID. 4" CAP UNIT -TOP OF WALL ∠— UNDISTURBED - GEOGRID(TYP) BLOCK WALL - TO BE TREATED -— reinforced —— WITH WAX TYPE ANTI-GRAFFITI BACKFILL BOTTOM OF WALL CRUSHED ROCK BEHIND WALL

# TYPICAL SEGMENTAL RETAINING WALL SECTION

— BASE LEVELING PAD

(NOTE: RETAINING WALL CONTRACTOR TO PERMIT WALL DIRECTLY THROUGH THE PERMITTING AUTHORITY. CONTRACTOR TO PROVIDE BOHANNAN HUSTON INC. WITH SHOP DRAWINGS (FOR APPROVAL) FOR EACH WALL PRIOR TO CONSTRUCTION.)

I, GLENN S. BROUGHTON, NMPE 14171, OF THE FIRM BOHANNAN HUSTON INC., 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 6/25/2015. THE RECORD INFORMATION EDITED

ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY BRIAN MARTINEZ NMPS 18374, OF THE FIRM CARTESIAN SURVEYING, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 7/29/2016 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 A TEMPORARY CERTIFICATE OF OCCUPANCY.

THE FOLLOWING ITEMS SHALL BE COMPLETED PRIOR TO PERMANENT CERTIFICATE OF OCCUPANCY:

- COMPLETE LANDSCAPING INSTALL ALL PERMANENT EROSION CONTROL MEASURES AS SHOWN ON THE CIVIL AND LANDSCAPE DRAWINGS.

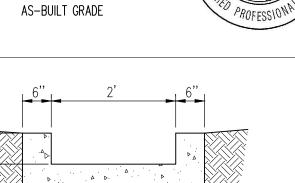
THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER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

GLENN S. BROUGHTON, NMPE 14171

7/29/2016

DRAINAGE CERTIFICATION

**LEGEND** ← FL70.22 DESIGN GRADE



← COMPACT SUBGRADE TO A MINIMUM OF 95% MAXIMUM DENSITY

CONCRETE RUNDOWN / RIBBON CHANNEL

PARADISE BOULEVARD 124' PUBLIC RIGHT-OF WAY

**GENERAL NOTES** 

WITH A MINIMUM AMOUNT OF DELAY.

FOR LOCATION OF EXISTING UTILITIES.

CONTRACTOR'S EXPENSE.

WATER DISCHARGE.

CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.

1. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN

ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE,

2. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH

APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF

CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED

4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE

ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL

COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS.

THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR

6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION

7. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO

ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE

8. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC

LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.

CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).

12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON

CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.

9. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING

10. ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S

11. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN

APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO

UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE

14. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING

AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.

EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.

BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

TS14 79— MATCH FXIST FL12.15—  $\leftarrow$ FL 9.67

COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.

AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED

5. ALL ELECTRICAL, TELEPHONE, CABLE TV. GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES

ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE

INV = 6.51TS16.68— TS16.98-FG16.50— FF=5117.00 TC15.50\_ FL15.50 MATCHLINE - SEE SHEET C-101

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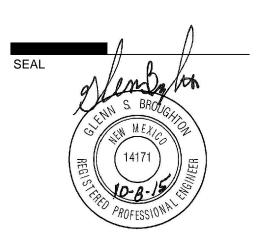
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505.761.9700 / DPSDESIGN.ORG



SHEET NO. C-101

CONSTRUCTION

**DOCUMENTS** 

/1\ 09/18/15 ADDENDUM 001

<u>/2</u>\ 09/28/15 ADDENDUM 002

/3\ 10/12/15 ADDENDUM 004

09-03-2015

15-0028.001

DRAWN BY

DATE

**REVIEWED BY** 

PROJECT NO:

DRAWING NAME

**GRADING &** 

DRAINAGE PLAN



## City of Albuquerque

### Planning Department

### Development & Building Services Division

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title:	Building Permit #:	City Drainage #:
DRB#: EPC#:		Work Order#:
Legal Description:		
City Address:		
Engineering Firm:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Owner:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Architect:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Surveyor:		Contact:
Address:		
Phone#: 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'	TEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	ROVAL
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERMIT APPROVAL	
GRADING PLAN	SECTOR PLAN APPROVAL	
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPANCY (PERM)	
CLOMR/LOMR	CERTIFICATE OF OCCUPANCY (TCL TEMP)	
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT APPROVAL	
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	OVAL
ENGINEER'S CERT (DRB SITE PLAN)	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:	Yes No Co	ppy Provided
DATE SUBMITTED:	By:	

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

- 1. 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