CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

August 30, 2017

Fred C. Arfman, P.E. Isaacson & Arfman, P.A. 128 Monroe St. N.E Albuquerque, NM, 87108

RE: Believers Center of Albuquerque – Lobby & Youth Ministry Expansions Grading Plan Stamp Date: 8/16/17 Hydrology File: L23D029

Dear Mr. Arfman:

- PO Box 1293 Based upon the information provided in your re-submittal received 8/22/2017, the Grading Plan is approved for Building Permit.
- Albuquerque Please attach a copy of this approved plan in the construction sets when submitting for a building permit. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

NM 87103 If you have any questions, please contact me at 924-3995 or <u>rbrissette@cabq.gov</u>.

www.cabq.gov

Sincerely,

Rened C. Brissetto

Reneé C. Brissette, P.E. Senior Engineer, Hydrology Planning Department



City of Albuquerque

Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

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:	
Other Contact:		Contact:	
Address:			
Phone#: Fax#:		E-mail:	
MS4/ EROSION & SEDIMENT CONTROL			
TVPF OF SUBMITTAL ·			
ENGINEER ARCHITECT CERTIFICATION		FOR SUB'D APPROVAL	
	SITE PLAN H	SITE PLAN FOR BLDG. PERMIT APPROVAL	
CONCEPTUAL G & D PLAN	FINAL PLAT	FINAL PLAT APPROVAL	
X GRADING PLAN	SIA/ RELEA	SIA/ RELEASE OF FINANCIAL GUARANTEE	
DRAINAGE MASTER PLAN	FOUNDATIC	FOUNDATION PERMIT APPROVAL	
DRAINAGE REPORT	GRADING P	GRADING PERMIT APPROVAL	
CLOMR/LOMR	SO-19 APPR	SO-19 APPROVAL	
TRAFFIC CIRCULATION LAYOUT (TCL)	PAVING PEI	PAVING PERMIT APPROVAL	
TRAFFIC IMPACT STUDY (TIS)	GRADING/ P	WORK ORDER APPROVAL	
EROSION & SEDIMENT CONTROL PLAN (ESC)	CLOMR/LON	CLOMR/LOMR	
OTHER (SPECIFY)	PRE-DESIGN	PRE-DESIGN MEETING	
	OTHER (SPE	ECIFY)	
IS THIS A RESUBMITTAL?: YesX_No			

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ____



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	VICINITY MAP	_	
× 5709.41	ALCONSTRUCT PROPOSED PAVING / WALKS TO ELEVATIONS SHOWN. PROVIDE SMOOTH, ADA COMPLIANT TRANSITION TO EXISTING PAVEMENT. SEE ARCHITECTURAL FOR DETAILS AND DIMENSIONS. 2. CONSTRUCT 145 LF HDPE 6"# STORM DRAIN AT 1%± SLOPE. SEE STORM DRAIN NOTES THIS SHEET. 2.1. EXTEND ROOF DISCHARGE TO STORM DRAIN AT 1%± SLOPE. SEE STORM DRAIN NOTES THIS SHEET. 2.2. 90' BEND (INVERT = 02.0) 2.3. 45' BEND (INVERT = 01.2) 2.4. OUTLET (FLOWLINE=01.0) TO EXISTING ROCK-LINED WATER HARVESTING AREA.	GREGORY T. Hicks & Assoc., p.c.	I10 Second Street SW · Suite 204 · Albuquerque, NM 87102 · (505) 243-7492 Esigning Today designic rom or row · e-mail gthicks@gthicks.com
7.08	 CONSTRUCT STEPS THIS AREA TO ACHIEVE GRADE TRANSITION SHOWN. SEE ARCHITECTURAL FOR DETAILS. CONSTRUCT DEEPENED STEM WALL THIS AREA TO ACHIEVE GRADES SHOWN. SEE ARCHITECTURAL. PROJECT INFORMATION PROPERTY: THE SITE IS A DEVELOPED RELIGIOUS FACILITY WITHIN C.O.A. VICINITY MAP L-23. THE SITE IS BOUND TO THE NORTH BY CENTRAL AVE. SE, TO THE WEST BY WATERFALL DR. SE, TO THE EAST AND SOUTH BY CARMELLIA DR. SE. <u>SITE AREA TO BE DEVELOPED</u>: APPROX. 0.4 ACRE WITHIN A 15.73 ACRE 	O86L	C. AREA
NCREMENT) ' INCREMENT) N	PROPERTY. PROPOSED IMPROVEMENTS: TWO BUILDING ADDITIONS WITH ASSOCIATED PEDESTRIAN ACCESS, DRAINAGE IMPROVEMENTS, AND LANDSCAPING. LEGAL: A PORTION OF TRACT B-1 NORTH FOUR HILLS SUBDIVISION. CITY OF ALBUQUERQUE, NEW MEXICO. ADDRESS: 320 WATERFALL DR. SE, ALBUQUERQUE, NM 87123 BENCHMARK: VERTICAL DATUM IS BASED ON THE ALBUQUERQUE CONTROL SURVEY BENCHMARK "8-L22" HAVING A PUBLISHED ELEVATION OF 5668.04' (NAVD 1988). OFF-SITE: THE PROPOSED AREA TO BE IMPROVED IS NOT IMPACTED BY OFF-SITE DRAINAGE. FLOOD HAZARD: THE SUBJECT PROPERTY (AS SHOWN HEREON) APPEARS TO LIE WITHIN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN) IN ACCORDANCE WITH THE NATIONAL FLOOD INSURANCE PROGRAM RATE MAP NO. 35001C0378 G, EFFECTIVE DATE 9-26-2008. DRAINAGE PLAN CONCEPT: THE PROPOSED DEVELOPMENT INCREASES THE IMPERVIOUS AREA BY APPROXIMATELY 500 SF WITH AN INCREASE IN THE 100-YEAR 6-HOUR STORM OF 0.03 CFS WHICH IS NEGLIGIBLE. ROOF DISCHARGE WILL BE PIPED TO THE WATER HARVESTING BASIN. STORMWATER CONTROL MEASURES ARE REQUIRED TO PROVIDE MANAGEMENT OF 'FIRST FLUSH' DEFINED AS THE 90TH PERCENTILE STORM EVENT OR 0.34"		Lobby and Youth Ministry Expansions 320 Waterfall Drive SE Albuquerque, New Mexico
LAYOUT	A. MINIMUM COVER FOR STORM DRAIN PIPES SHALL BE 12", UNLESS OTHERWISE NOTED. B. CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTIONS TO ROOF DOWNSPOUTS AND ALL NECESSARY FITTINGS. FITTING COSTS SHALL BE INCIDENTAL.	A GRADIN DRAINA	: ACAD File G AND GE PLAN
, THE ELECTRONIC FILE OR VERTICAL CONTROL. AT IT IS USING THE MOST	 C. HDPE PIPE SHALL BE ADS N-12 (SOILTIGHT) OR EQUIVALENT. HDPE PIPE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. D. STORM DRAINS SHALL BE INSTALLED AT INVERTS AND SLOPES SPECIFIED ON THE PLANS. 	СС	5-101