## CITY OF ALBUQUERQUE

April 1, 2015



Fred C. Arfman, P.E. Isaacson & Arfman, P.A. 128 Monroe St NE Albuquerque, New Mexico 87108

RE: Hope Plaza Subdivision
Grading Certification Lots 1, 2, 4-6
Engineers Stamp Date 4/28/14 (C20D064)
Certification Dated 1-20-15

Dear Mr. Arfman,

Based upon the information provided in your submittal received 3-30-15, the above referenced certification is accepted for Building Permit approval.

If you have any questions, please contact me at 924-3695 or Rudy Rael at 924-3977.

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

RR/RH C: File Sincerely,

Rita Harmon, P.E.

Senior Engineer, Hydrology

Planning Department



# City of Albuquerque

#### Planning Department

#### Development & Building Services Division

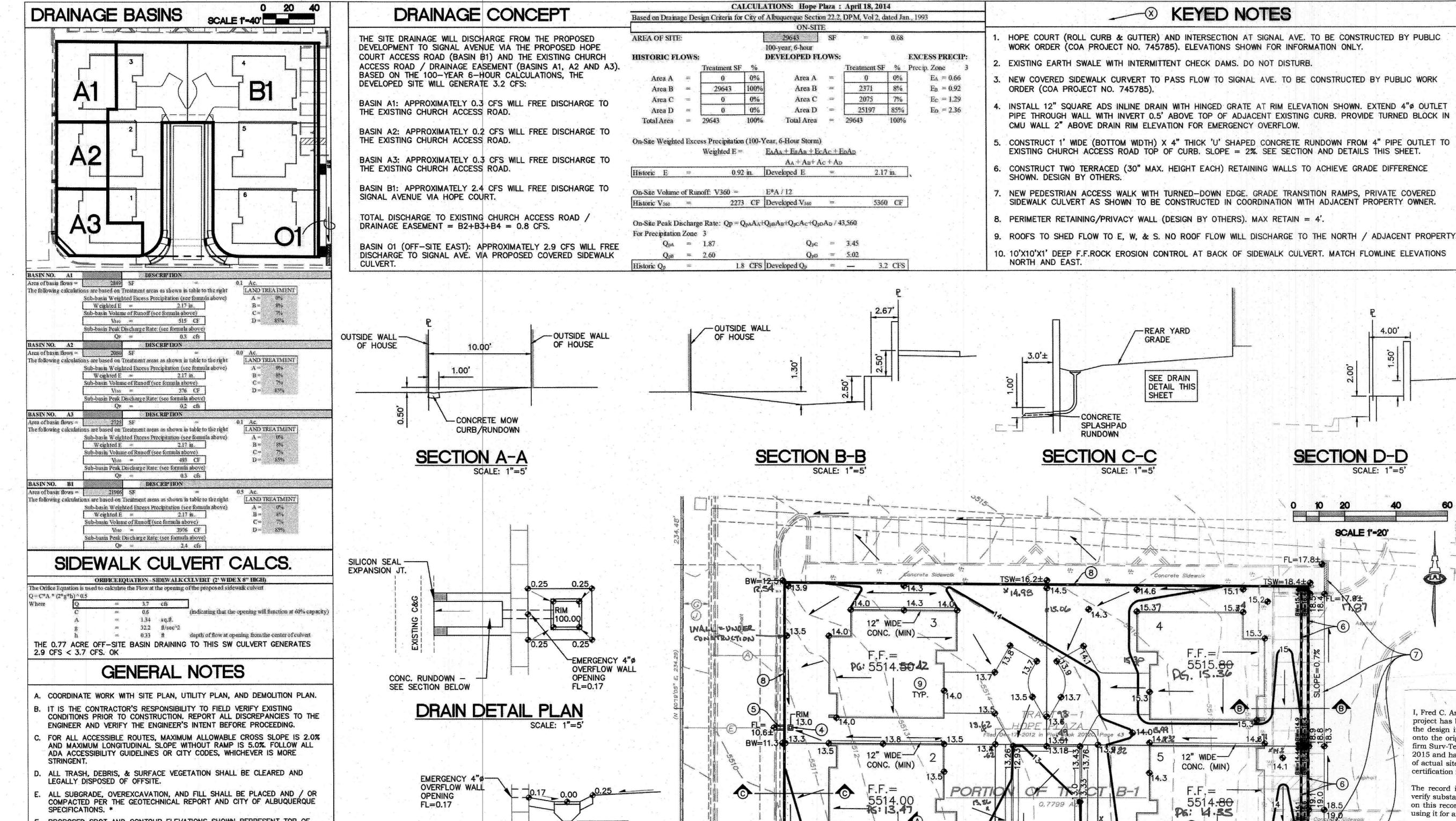
### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Hope Plaza Subdivision	Building Permit #:_	City Drainage #: C-20/D 06
DRB#: 1006520 EPC#:		Work Order#: PWO # 745785
Legal Description: Lots 1 thru 6, Hope Plaza	s Lot 3	
City Address: 8700, 8701, 8704, 8705, 8708 8 8709, Hop		
		Contact: Fred C. Arfman
Engineering Firm: Isaacson & Arfman, P.A.		Contact. 1100 S. 74 man
Address: 128 Monroe Street NE - Albuquerque, NM 87	108	E-mail: freda@iacivil.com
Phone#: <u>(505) 268-8828</u> Fax#:		
Owner: Hopeful Dirt, LLC		Contact: H. William Fanning
Address: 122 Tulane Drive SE - Albuquerque, NM 8710	06	
Phone#: (505) 338-2286 Fax#:		E-mail:
1.11		Contact:
Architect:		
Address: Fax#:		E-mail:
Phone#:		
Surveyor: Surv-Tek, Inc.		Contact: Russ P. Hugg
Address: 9384 Valley View Drive NW - Albuquerque, N	M 87114	
Phone#: (505) 897-3366 Fax#: (505)	897-3377	_ E-mail:
Contractor: Universal Contractors		Contact: Gilbert Luna
Address:		
Phone#: 4884-0400 Fax#:		E-mail: universalluna@aol.com
		VAL/ACCEPTANCE SOUGHT:
TYPE OF SUBMITTAL:	SIA/FINANCIAL GUARAN	
DRAINAGE REPORT	PRELIMINARY PLAT APP	
DRAINAGE PLAN 1st SUBMITTAL	S. DEV. PLAN FOR SUB'E	
DRAINAGE PLAN RESUBMITTAL	S. DEV. FOR BLDG. PERM	
CONCEPTUAL G & D PLAN	SECTOR PLAN APPROVA	
GRADING PLAN		
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	AMCV (DEDM)
X ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPANCY (PERM) CERTIFICATE OF OCCUPANCY (TCL TEMP)	
CLOMR/LOMR	FOUNDATION PERMIT APPROVAL	
TRAFFIC CIRCULATION LAYOUT (TCL)		
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPR	
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPR	
ENGINEER'S CERT (ESC)	PAVING PERMIT APPRO	
SO-19	WORK ORDER APPROVA	
OTHER (SPECIFY)	X GRADING CERTIFICATION	ON OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes No	Copy Provided
DATE SUBMITTED: January 20, 2015	By: Fred C. Arfman, PE 3	
DATE SUBMITTED: January 20, 2013	Isaacson & Afrman, P.A.	age submitted. The particular nature location and

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 following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required based on the following levels of submittal may be required by a drainage submittal. The particular nature, location, and

- 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



PROPOSED SPOT AND CONTOUR ELEVATIONS SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF CONCRETE BUILDING PAD, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). CONTRACTOR SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON ELEVATIONS SHOWN MINUS FINISH MATERIAL THICKNESSES.

SILICON SEAL -

TOP OF

= 'X'

EXST. CURBA

4"ø PIPE-

FL=X+.67'

DRAIN DETAIL: SECTION

CONCRETE RUNDOWN

SCALE: 1"=5'

EXPANSION JT.

G. IF FIELD GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.

EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. CONTRACTOR SHALL CONTACT NM-811 FOR UTILITY LINE SPOTS TWO WORKING DAYS PRIOR TO CONDUCTING SITE FIELD WORK. CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.

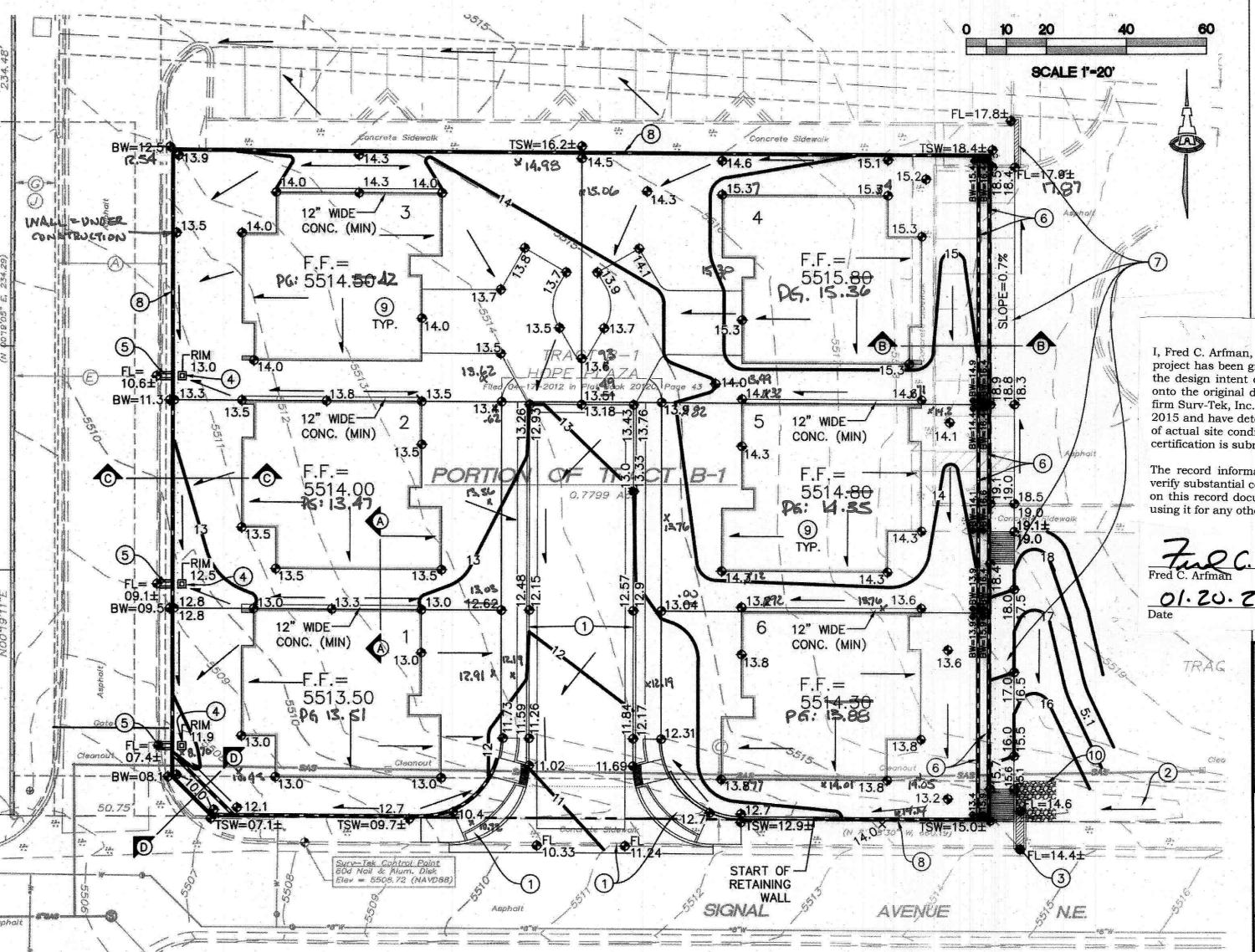
OWNER WILL PROVIDE SOIL TESTING AND INSPECTION SERVICES DURING EARTHWORK OPERATIONS. CONTRACTOR SHALL ALLOW TESTING LABS TO INSPECT AND APPROVE COMPACTED SUBGRADES AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS DONE. SHOULD COMPACTION TESTS INDICATE INADEQUATE DENSITY, CONTRACTOR SHALL PROVIDE ADDITIONAL COMPACTION AND TESTING AT THE CONTRACTOR'S SOLE EXPENSE.

OWNER HAS ESTABLISHED PROPERTY BOUNDARY CORNERS. CONTRACTOR SHALL PROVIDE ALL OTHER CONSTRUCTION STAKING. CONTRACTOR SHALL LOCATE AND PRESERVE ALL BOUNDARY CORNERS AND REPLACE ANY LOST OR DISTURBED CORNERS AT CONTRACTOR'S SOLE EXPENSE.

. THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE CITY OF ALBUQUERQUE REQUIRE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AN NDPES PERMIT, AND AN EROSION AND SEDIMENT CONTROL (ESC) PERMIT FOR PROJECTS WHERE CONSTRUCTION ACTIVITIES MEET THE EPA THRESHOLD. (SWPPP, NPDES PERMIT, AND ESC PLAN BY OTHERS.) A CITY-APPROVED ESC PERMIT MUST BE INCLUDED WITH THE CONTRACTOR'S SUBMITTAL FOR A ROUGH GRADING, GRADING, PAVING, BUILDING, OR WORK

ADJUST RIMS OF EXISTING UTILITY FEATURES AS NECESSARY TO MATCH NEW GRADES.

M. WHERE GRADES BETWEEN NEW AND EXISTING ARE SHOWN AS 'MATCH' OR '±'. TRANSITIONS SHALL BE SMOOTH.



VICINITY MAP

### LEGEND

PROPOSED FLOW DIRECTION

PROPOSED FINISH FLOOR ELEVATION

SUB-BASIN BOUNDARY

## PROJECT DATA

PROPERTY: THE SITE IS AN UNDEVELOPED PROPERTY LOCATED WITHIN CITY OF ALBUQUERQUE ZONE MAP C-20-Z. THE SITE IS BOUND TO THE WEST BY A PRIVATE CHURCH ACCESS DRIVE, TO THE NORTH AND EAST BY EXISTING CHURCH PARKING, AND TO THE SOUTH BY SIGNAL AVE. NE.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE THE CONSTRUCTION OF A SIX UNIT RESIDENTIAL SUBDIVISION WITH AN ASSOCIATED ASPHALT PAVED ROAD.

LEGAL: LOTS 1 - 6. HOPE PLAZA, CITY OF ALBUQUERQUE, NEW MEXICO.

AREA: 29,643 SF (LOTS 1-6)

1"=750'± LESCHOOL

C-20-Z

BENCHMARK: ALBUQUERQUE CONTROL SURVEY MONUMENT "7-C19", ELEVATION = 5485.723 (NAVD 1988)

OFF-SITE: NO OFF-SITE FLOW IMPACTS THIS PROPERTY.

FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP #35001C0141G, THE SITE IS LOCATED WITHIN FLOODZONE 'X' (UNSHADED) DESIGNATED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.

SURVEYOR: RUSS P. HUGG, NMPS NO. 9750

DRAINAGE CERTIFICATION

I, Fred C. Arfman, NMPE No. 7322, of the firm Isaacson & Arfman, PA, 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 April 28, 2014. The record information edited onto the original design document has been obtained by Russ Hugg, NMPS No. 9750, of the firm Surv-Tek, Inc. I further certify that I have personally visited the project site on January 7, 2015 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 Grading & Drainage Certification.

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.

Ckd By:

FOR INFORMATION ONLY CPN 745785 SHEET 5 OF 11





ISAACSON & ARFMAN, P.A **Consulting Engineering Associates** 128 Monroe Street N.E. Albuquerque, New Mexico 87108 Ph. 505-268-8828 www.iacivil.com

Apr 28,2014

is design, calculations, and concepts are owned by and remain the property of Isaacson &

orfman, P.A. and no part thereof shall be utilized by any person, firm or corporation for any ourpose whatsoever except with the written permission of Isaacson & Arfman, P.A. ⑥ HOPE PLAZA

SUBDIVISION HOPEFUL DIRT, LLC.

## **GRADING & DRAINAGE PLAN**

2014 04/21/14 **CG-101** BJB/DEC SH. OF FCA