### CITY OF ALBUQUERQUE



June 15, 2016

Richard J. Berry, Mayor

Ron E. Hensley, P.E. THE Group 300 Branding Iron Road S.E. Rio Rancho, NM, 87124

RE:

**Holly Subdivision** 

Grading and Drainage Plan

Engineer's Stamp Date 6-6-16 (C19D040)

Dear Mr. Hensley:

Based upon the information provided in your submittal received 6/6/2016, the above referenced Grading & Drainage Plan is approved with the condition that an approval on the submitted ESC Plan is secured.

An ESC Grading Permit will need to be submitted to the City's Stormwater Quality Engineer prior to any grading on the site.

PO Box 1293

Prior to Pad Certification and/or Release of Financial Guarantee approval, Engineering Certification per the DPM will be required.

If you have any questions, you can contact me at 924-3986.

Albuquerque

New Mexico 87103

Abiel Carrillo, P.E.

Sincerely

Principal Engineer, Planning Dept.

www.cabq.gov Development Review Services



### 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#:			
Legal Description:			
City Address:			
Engineering Firm:	Contact:		
Address:			
Phone#: Fax#:	E-mail:		
Owner:	Contact:		
Address:			
Phone#: Fax#:	E-mail:		
Architect:			
Address:			
	E-mail:		
Other Contact:	Contact:		
Address:			
Phone#: Fax#:	E-mail:		
DEPARTMENT: HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL	CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:BUILDING PERMIT APPROVALCERTIFICATE OF OCCUPANCY		
	CERTIFICATE OF OCCUPANCE		
TYPE OF SUBMITTAL:	PRELIMINARY PLAT APPROVAL		
ENGINEER/ ARCHITECT CERTIFICATION	SITE PLAN FOR SUB'D APPROVAL		
CONCEPTUAL G & D PLAN	SITE PLAN FOR BLDG. PERMIT APPROVAL		
GRADING PLAN	FINAL PLAT APPROVAL SIA/ RELEASE OF FINANCIAL GUARANTEE		
DRAINAGE MASTER PLAN	FOUNDATION PERMIT APPROVAL		
DRAINAGE REPORT	GRADING PERMIT APPROVAL		
CLOMR/LOMR	SO-19 APPROVAL		
	PAVING PERMIT APPROVAL		
TRAFFIC CIRCULATION LAYOUT (TCL)	GRADING/ PAD CERTIFICATION		
TRAFFIC IMPACT STUDY (TIS)	WORK ORDER APPROVAL		
EROSION & SEDIMENT CONTROL PLAN (ESC)	CLOMR/LOMR		
OTHER (SPECIFY)	PRE-DESIGN MEETING		
	OTHER (SPECIFY)		
IS THIS A RESUBMITTAL?: Yes No			
DATE SUBMITTED:By:			

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_



June 6, 2016

Abiel Carrillo Planning - Hydrology City of Albuquerque PO Box 1293 Albuquerque, NM 87103

Re: Holly Subdivision – Grading and Drainage Plan for Grading Permit

We are requesting a review of the attached information in support of the Grading Permit of Holly Subdivision and the construction of Holly Ave. The comments of 5/4/2016 have been addressed with the following:

1. We understand that Parks and Rec and Transportation Development have removed the requirement for a North-South pedestrian path along the west edge of the site; the final plan is expected to have that facility removed.

The pedestrian access has been removed.

- 2. We understand that there is an arrangement regarding the necessary grading into the adjacent site to the north to construct Holly Ave. Please forward the communication with AMAFCA which is anticipated to show that there is permission to grade within their property and the maintenance responsibilities.

  The communications are attached
- 3. *An Erosion and Sediment Control Plan needs to be approved by the City's Stormwater Quality Engineer.* The ESC has been submitted.
- 4. Please provide excerpts (or a copy if it is available) of the Drainage Masterplan that is referenced regarding the available capacity in the outlet storm drain. The City does not have a copy in our file. The available plans are attached.
- 5. Provide a hydraulic capacity calculation for the mountable curbed streets.

  The curb has been modified to standard curb where necessary to increase capacity.
- 6. Provide erosion control (or clean the area if some erosion control exists under sediment) at the entrance to the 24" end section. Since the elevation of the CMU wall opening is set exactly at the same elevation as the opening in the curb, minor field discrepancies in the wall opening elevation can permanently route much of the flow through the first flush pond.

Erosion control has been addressed on the plan with restoration or placement of rip-rap.

7. It is assumed that there will be a solid wall between the Church property to the East and this subdivision that will prevent offsite flows, since cross lot drainage easements are not included in the plat. Provide scour protection or grading that prevents erosion at the bottom of the wall.

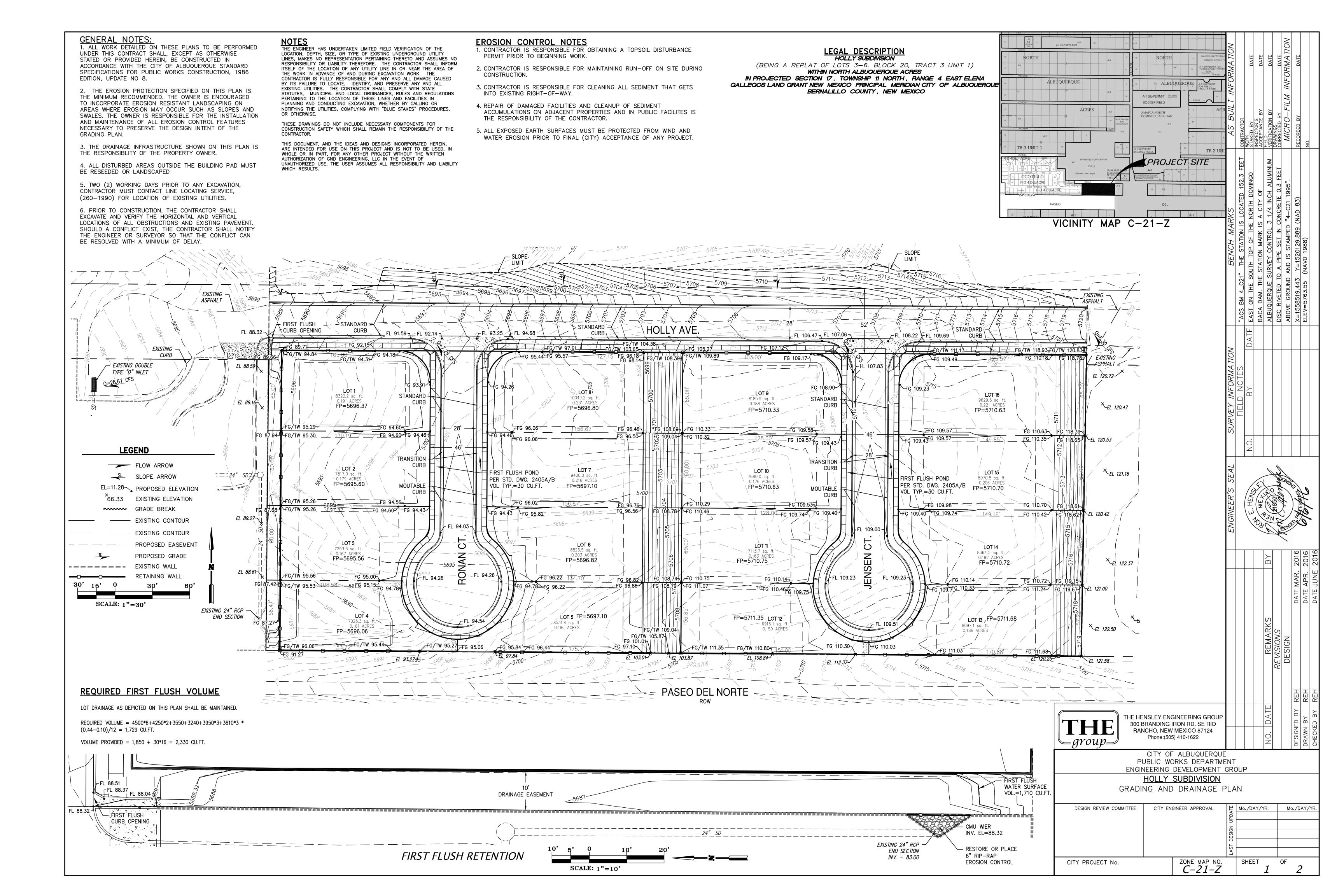
Existing grading and drainage improvements along with the vegetation of the adjacent site currently prevent flows from entering the lots and provide adequate erosion control.

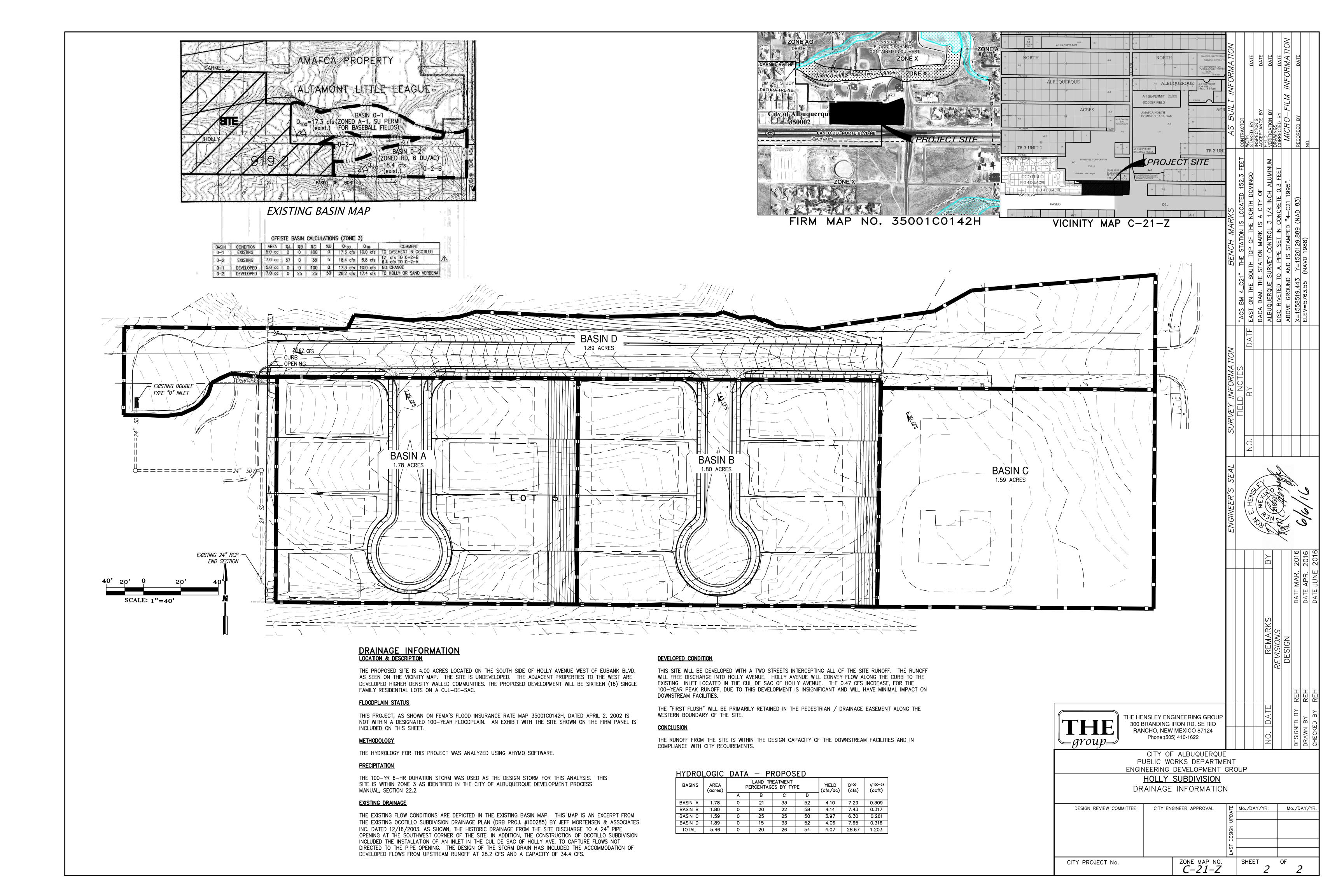
Please contact me at 410-1622 or via email if you have any questions or comments.

Sincerely,

Ron E. Hensley P.E.

ron@thegroup.cc





A THE OCOTILLO SUBDIVISION IS A PROPOSED CATED (PRIVATE) SINGLE FAMILY RESIDENTIAL COMMUNITY TO BE CONSTRUCTED BY HOECH REAL ESTATE CORPORATION (HREC) WITHIN THE LA CUEVA SECTOR PLAN AREA OF NORTH ABBOUNEROUR CARS.

C. AMACCA HAS RECENTLY COMPLETED CONSTRUCTION OF PERMANEIN NOBA/CRAREL AND MINE DIBLOS STORM DRAIN IMPROVEMENTS AS PART OF A COST SHARING AGREEMENT WITH HREC. THIS PROJECT CUT OFF THE NOBA ARROYO FLOWS PREVIOUSLY IMPACTING THE STIE, AND PROVIDES THE CONSTRUCTED INFORMACE CUNTRALL FOR THE STIE. AND PROVIDES THE STIE. AND THE STIE. AND THE STIE. AND THE ASSENCE OF FULLY DEVELOPED STORM DRAINAGE CUTTALL FOR THE RED BOSCHARGE OF FULLY DEVELOPED ROUNGF FROM THIS TIME, THE ASSENCE OF CONSTRUCTED INFORMACINO WAS BEING COLLECTED TO SUPPORT AS—CONSTRUCTED DRAINING PREPARATION AND PROJECT CLOSEOUT AND APPROVAL.

D. THE VINEYARD COURT ESTATES SUBDIVISION, A SEPARATE PROJECT BY HREC CURRENILLY UNDER CONSTRUCTION TO THE WEST OF CONTILLO, WILLY DEVELOPED UPSTREAM CONDITIONS IN AGGORDANCE WITH THE COST SHEET NOT THE HOLBROOK STORM DRAIN BY STORE FACILITIES IN HOLBROOK STREET NOT THE MASTER PRANS.

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E. DEVELOPED STER RUNGF WILL BE DIRECTED TO PROPOSED INTERNAL STORM DRAINS OUTFALL FOR THE STIES PROJECT.

F. THE PUBLIC NOBACKARREL STORM DRAIN EXTENSION BY AMAFCA WITH ITS ACROMENTED COUNTED FOR IN THE MASTER PRANS.

E. DEVELOPED STER RUNGF WILL BE DIRECTED TO PROPOSED INTERNAL STREETS WITH STORM DRAINS OUTFALLING TO THE PROPOSED PUBLIC STREAM INLET EFFORMENT THAN ALAZARD AND ALLOWS DEVELOPMENT AS PROPOSED LONG WERE STAKED BY THIS OFFICE SUPPORTING ELIMINATION OF THE AS—CONSTRUCTED IN FORMATION.

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HAJ ALAZARD AND SOURCESS IMPACT THE TREMPORARY POUBLIC MASTER AND THE AS—CONSTRUCTION OF THE AS—CONS

### INTRODUCTION

PROPOSED LOTS 1 THROUGH 78 WILL BE SINGLE FAMILY DETACHED RESIDENTIAL HOMES CONSTRUCTED ON INDIVIDUALLY PLATTED LOTS WITHIN A GATED COMMUNITY WITH PRIVATE STREETS. THE DEVELOPER IS HOECH REAL ESTATE CORPORATION (HREC)., EXCEPT FOR AN EXISTING TEMPORARY PUBLIC DETENTION POND LOCATED AT THE NORTHWESTERN END OF THE SITE, THE SITE IS UNDEVELOPED. CARMEL AVE NE, HOLLY AVE NE AND HOLBROOK STREET NE ARE THE ADJACENT PUBLIC STREETS FOR WHICH THIS PROJECT WILL BE RESPONSIBLE FOR HALF WIDTH PERMANENT PUBLIC IMPROVEMENTS. THE CARMEL STORM DRAIN HAS ALREADY BEEN CONSTRUCTED BY AMAFCA, AND THE HOLBROOK STORM DRAIN WILL BE CONSTRUCTED THIS WINTER BY HREC TO SUPPORT THE VINEYARD COURT ESTATES SUBDIVISION, CPN 718781. THERE ARE TWO PROPOSED INTERNAL STORM DRAIN SYSTEMS, A PUBLIC ONE IN SAND VERBENA TRAIL NE WHICH RECEIVES A COMBINATION OF SITE (PRIVATE) RUNOFF AND OFFSITE PUBLIC STORM DATURA TRAIL NE AND DESERT LILY LANE NE THAT ONLY RECEIVES SITE RUNOFF. BOTH OF THESE ONSITE SYSTEM IN DATURA TRAIL NE AND DESERT LILY LANE NE THAT ONLY RECEIVES SITE RUNOFF. FOR VINEYARD COURT ESTATES WILL COMBINE AT THE SITE ENTRY, AND CONNECT TO THE HOLBROOK STORM DRAIN TO BE CONSTRUCTED BY HREC FOR VINEYARD COURT ESTATES

A SMALL PUBLIC DRAINAGE CHANNEL WILL BE CONSTRUCTED TO PERMANENTLY ACCEPT OFFSITE FLOWS FROM THE AMAFCA PROPERTY TO THE EÁST OF THE SITE AND NORTH OF HOLLY CURRENTLY BEING USED BY BERNALILLO COUNTY AS LITTLE LEAGUE BASEBALL FIELDS. FLOWS FROM HOLLY AVENUE NE AND THE PROPERTIES SOUTH OF IT WILL DRAIN TO A TEMPORARY STORM DRAIN CONNECTION THAT WILL TEMPORARILY INTERCEPT THESE FLOWS UNTIL THE LANDS EAST OF OCOTILLO ARE DEVELOPED. BECAUSE THERE ARE SEVERAL DEVELOPMENT SCENARIOS FOR THE PROPERTIES TO THE EAST, THIS PROJECT WILL CONSTRUCT TEMPORARY HOLLY PAVING AND STORM DRAINGHING FOR THE PERMANENT IMPROVEMENTS THAT MAY BE SUBJECT TO CHANGE WITH FUTURE DEVELOPMENT. THE RESPONSIBILITY AND FUNDING FOR THE CARMEL AVENUE STORM DRAIN EXTENSION AND POST—CONSTRUCTED BY AMAFCA. THE APPROVED CLOMP EXECUTED COST—SHARING AGREEMENT FOR THE AMAFCA PROJECT WHICH WAS RECENTLY CONSTRUCTED BY AMAFCA. THE APPROVED CLOMP DRAINGE REPORT FOR THAT PROJECT SUPPORTED THE CARMEL STORM DRAIN EXTENSION, THE HOLBROOK STREET STORM DRAIN, THE ELIMINATION OF THE UNDERLYING FLOODPLAIN AND DEMONSTRATED DOWNSTREAM CAPACITY FOR THIS PROJECT. A DRAFT INFRASTRUCTURE LIST IS SUBMITTED WITH THIS REPORT. THIS SUBMITTAL IS MADE IN SUPPORT OF THE FOLLOWING APPROVALS:

DRB PRELIMINARY AND FINAL PLAT APPROVALS
THE VACATION OF THE REMAINING PORTIONS OF HOLLY AVENUE NE WITHIN THE PROJECT LIMITS
RELEASE OF THE TEMPORARY PUBLIC DRAINAGE EASEMENT FOR THE EXISTING DETENTION POND
DRC APPROVAL FOR THE FORTHCOMING INFRASTRUCTURE PLANS
ROUGH GRADING APPROVAL

## PROJECT DESCRIPTION:

AS SHOWN ON SHEET 1 BY VICINITY MAP C-21, THE SITE IS LOCATED IN THE NORTH ALBUQUERQUE ACRES AREA OF ALBUQUERQUE. THE SITE IS CONTROL AND LOSS DEL NORTE, AND LES WITHIN THE LIMITS OF THE LA CUEVA SECTOR PLAN AREA. THE EXISTING LEGAL DESCRIPTION IS LOTS 10-24, BLOCK 18, AND LOTS 7-15 AND A PORTION OF LOT 16, BLOCK 20, TRACT 3, UNIT 1, NO ALBUQUERQUE ACRES. THE SITE IS SONED RD-4 DU/AC BY THE LA CUEVA SECTOR DEVELOPMENT PLAN. AS INDICATED BY A LETTER DATED 07/02/2002 TO HREC-FROM VICTOR CHAVEZ, DIRECTOR, CITY OF ALBUQUERQUE PLANNING DEPARTMENT, THIS PROJECT, WHICH INCLUDES LOW DENSITY RESIDENTIAL HOUSING ON LOTS GREATER THAN 5000 SF, IS CONSISTENT WITH THE EXISTING ZONING AND SECTOR PLAN AND DOES NOT REQUIRE EPC REVIEW OR A SITE PLAN SUBMITTAL. AS SHOWN BY PANELS 141 AND 142 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE PROGRAM FLOOD INSURANCE AND INCORPORATED AREAS, REVISED 04/02/2002, THE SITE IS IMPACTED BY A DESIGNATED FLOOD HAZARD FLOOD HAZARD TONE (AO, DEPTH 1) ASSOCIATED WITH THE MAIN BRANCH-OF THE NORTH DOMINGO BÂCA ARROYO. THE CLOMR SUPPORTING THIS PROJECT AND THE CARMEL/NDBA AMAFCA PROJECT ADDRESSED THE ELIMINATION OF THIS FLOODPLAN AND SUPPORTING THIS PROJECT AND HAZARD ZONE UPON COMPLETION OF THE AS CONSTRUCTED DRAWINGS FOR THE AMAFCA PROJECT.

# IV. BACKGROUND DOCUMENTS

A. THE "NORTH AND SOUTH DOMINGO BACA ARROYO AND PASEO DEL NORTE CORRIDOR DRAINAGE MANAGEMENT PLAN" PREPARED FOR AMAFCA BY AMAFCA AS A GUIDELINE FOR DRAINAGE MANAGEMENT WITHIN THIS AREA WHICH INCLUDES THE NORTH DOMINGO BACA ARROYO (NDBA). AMAFCA RESOLUTION 1992—3 DATED JANUARY 03, 1992 FORMALLY ADOPTED THIS PLAN WHICH IDENTIFIED THE EXTENSION OF PERMANENT DRAINAGE IMPROVEMENTS WITHIN THE NDBA CORRIDOR, AND ESTABLISHED DEVELOPED DRAINAGE BASIN BOUNDARIES WITHIN THE PLAN AREAS. AS SHOWN BY FIGURE 5—6 OF THIS PLAN, THE SUBJECT AREA IS IDENTIFIED TO DEVELOP RESIDENTIALLY AND TO DRAIN TO FUTURE PERMANENT NDBA IMPROVEMENTS CONSTRUCTED WITHIN THE CARMEL CORRIDOR. THE PROPOSED DEVELOPMENT IS CONSISTENT WITH THIS CONCEPT. THE FOLLOWING IS A LIST OF DOCUMENTS RELATED TO THE SITE AND SURROUNDING AREA. THIS LIST MAY NOT BE INCLUSIVE, HOWEVER, A SUMMARY OF RELEVANT PLANS AND DOCUMENTS WHICH ARE KNOWN TO THE ENGINEER AT THE TIME OF PLAN PREPARATION.

B. MASTER DRAINAGE PLAN NORTH ARROYO DE DOMINGO BACA, PREPARED BY JMA DATED 02/28/1996. THIS PLAN WAS SPECIFICALLY PREPARED FOR ALBUQUERQUE PUBLIC SCHOOLS (APS) TO SERVE AS A GUIDE IN IDENTIFYING PROPOSED IMPROVEMENTS TO THE NDB ARROYO BETWEEN THE UPPER AND LOWER NORTH DOMINGO BACA DAMS. THE PLAN ALSO PRESENTED ALIGNMENT, IMPROVEMENTS, OWNERSHIP, HYDROLOGY, PHÁSING, AND PARTICIPATION WITH MORE CURRENT INFORMATION AND IN GREATER DETAIL THAN THE RTI PLAN (REFERENCE A). THE PROPOSED IMPROVEMENTS ARE CONSISTENT WITH THOSE IDENTIFIED IN THAT PLAN.

C. FINAL NORTH ALBUQUERQUE ACRES MASTER DRAINAGE PLAN PREPARED BY RTI FOR THE CITY OF ALBUQUERQUE DATED OCTOBER, 1998 AND HYDROLOGY REPORT FOR NORTH ALBUQUERQUE ACRES AND SANDIA HEIGHTS DRAINAGE STUDY PHASES I AND II PREPARED BY RTI FOR BERNALILLO COUNTY DATED NOVEMBER, 1998. THESE DRAINAGE MANAGEMENT PLANS SHARE A COMMON HYDROLOGIC AHYMO MODEL FOR THE NDB ARROYO BASIN WHICH WAS DEVELOPED BY MODIFYING THAT ORIGINALLY DEVELOPED BY RTI FOR AMAFCA IN THEIR 1991 REPORT (REFERENCE A). THESE REPORTS REPRESENT MORE CURRENT UPDATES TO THE ORIGINAL RTI PLAN AND THE PROPOSED IMPROVEMENTS AND DRAINAGE CONCEPTS PRESENTED FOR THE OCOTILLO SUBDIVISION ARE CONSISTENT WITH THOSE IDENTIFIED THEREIN.

D. REQUEST FOR CONDITIONAL LETTER OF MAP REVISION (CLOMR) FOR THE NORTH DOMINGO BACA ARROYO CARMEL AVENUE STORM DRAIN EXTENSION PREPARED BY JMA DATED 06/14/2002 AND APPROVED BY FEMA 11/08/2002 (FEMA CASE NUMBER 02-06-2145R). THIS CLOMR AND ASSOCIATED DRAINAGE REPORT WAS PREPARED TO SUPPORT THE PROPOSED NORTH DOMINGO BACA ARROYO CARMEL AVENUE STORM DRAIN EXTENSION COST SHARE PROJECT BY AMAFCA AND TO REMOVE THE ASSOCIATED FLOODPLAIN DESIGNATION FROM THE NDBA WEST OF A POINT MIDBLOCK BETWEEN HOLBROOK STREET AND EUBANK. IT SERVES AS A MASTER DRAINAGE PLAN FOR DEVELOPMENT IN THE NORTH DOMINGO BACA WATERSHED. THE PROPOSED IMPROVEMENTS ARE CONSISTENT WITH THOSE IDENTIFIED IN THAT PLAN.

CONSTRUCTION PLANS FOR THE NORTH DOMINGO BACA ARROYO CARMEL AVENUE STORM DRAIN EXTENSION PREPARED BY JMA DATED 10, (CITY PROJECT NUMBER 693481). CONSTRUCTION OF THIS PROJECT BY AMAFCA WAS COMPLETE AT THE TIME THIS REPORT WAS PREPARED, A COLLECTION OF AS—CONSTRUCTED DATA WAS IN PROGRESS. THIS CARMEL STORM DRAIN IS THE DEVELOPED DRAINAGE OUTFALL FOR THE PROPOSED PROJECT VIA THE HOLBROOK STREET STORM DRAIN TO BE CONSTRUCTED BY HREC FOR VINEYARD COURT ESTATES (CPN 718781).

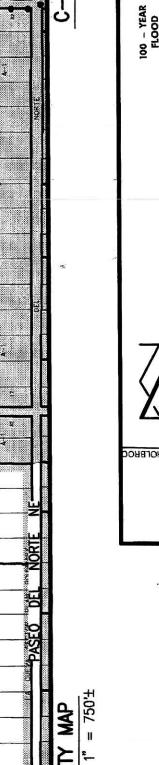
F. DRAINAGE REPORT FOR "VINEYARD COURT ESTATES" BY JEFF MORTENSEN & ASSOCIATES, INC, DATED 08/21/2003, HYDROLOGY FILE C20/D45. APPROVED PLAN FOR WHICH GRADING IS CURRENTLY IN PROGRESS, SUPPORTS THE CONSTRUCT THE HOLBROOK PAVING AND STORM DRAINAGE IMPROVEMENTS ALONG THE FRONTAGE OF OCOTILLO. THE VINEYARD COURT ESTATES PROJECT WILL CONSTRUCT THE HOLBROOK PAVING AND STORM DRAINAGE IMPROVEMENTS ALONG THE FRONTAGE OF OCOTILLO. TO ADDRESS INTERIM OFFSITE NDBA ARROYO FLOWS IMPACTING HOLBROOK, THE VINEYARD COURT ESTATES PROJECT CONSTRUCTED A TEMPORARY DETENTION POND ON THE NORTHWESTERN END OF OCOTILLO, THE REQUIREMENT FOR WHICH CAN BE ELIMINATED UPON APPROVAL AND COMMENCEMENT OF GRADING FOR THIS PROPOSED PROJECT.

THE PROPOSED CONSTRUCTION OF RESIDENTIAL SINGLE FAMILY HOMES DRAINING DIRECTLY AND FREELY TO PERMANENT NORTH DOMINGO BACA ARROYO DRAINAGE IMPROVEMENTS VIA STORM DRAINS IN THE HOLLY CORRIDOR AND IN HOLBROOK STREET NE AS PROPOSED AND DESCRIBED HEREIN IS CONSISTENT WITH AND IN ACCORDANCE WITH THE POLICIES AND REQUIREMENTS OF THE ABOVE LISTED DOCUMENTS, AND IS CONSISTENT WITH THE CITY, COUNTY AND AMAFCA FOR NORTH DOMINGO BACA ARROYO DEVELOPMENT.

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03DRB-01355

8' OF CARMEL AVENUE N.E. VACATED BY 03 VEHICULAR ACCESS EASEMENT GRANTED BY PAGE 600, DOC. #2002151009 VACATED E

(B) THE NC

VENUE N.E. VACATED BY 03DRB-01355 1. OF HOLLY AVENUE N.E. VACATED BY 03DRB-01355 1. OF HOLLY AVENUE N.E. VACATED BY 03DRB-01355

©®®⊕®

141 **PANELS** F.I.R.M. SCALE: 1"

ACCESS, AND CITY OF ALBUQUERQUE PUBLIC STORM DRAINAGE, PUBLIC ND PUBLIC SANITARY SEWER EASEMENTS. MAINTENANCE OF THE PRIVATE TESHOL SEWER EASEMENTS. MAINTENANCE OF THE PRIVATE TESHOL SEWENTS ASSOCIATION.

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# LEGAL DESCRIPTION

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OF THE CITY OF ALBUQUERQUE.

STORM DRAINAGE EASEMENT.

LINE EASEMENT.

WATER

ALBUQUERQUE PUBLIC ILIC UTILITY EASEMENT.

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Y PUBLIC DRAINAGE EASEMENT GRANTED TO CONVEY PUBLIC RUNOFF TO TORM DRAINAGE SYSTEM WITHIN PARCEL A UNTIL SUCH TIME THAT HOLLY E IS VACATED AND/OR RELOCATED TO THE EAST OF PROPOSED OCOTILLO IN VIA THE STANDARD VACATION AND PLATTING PROCESS OF THE ENT REVIEW BOARD OF THE CITY OF ALBUQUERQUE.

IS GRANTED AS A PRIVATE ACCESS EASEMENT SERVING OCOTILLO SUBDIVI:

Y OF ALBUQUERQUE PUBLIC WATER AND PUBLIC SANITARY SEWER EASEMEN CATION OF HOLLY AVENUE N.E., ADJACENT TO PROPOSED PARCELS B AND CONTILLO SUBDIVIENTALISMENT OF THESE EASEMENTS TO A CATION AND/OR REALIGNMENT OF THESE EASEMENTS TO A

VISION. MALLS

IN N

ACS STATION "HEAVEN" (TIED PRIOR TO PASEO DEL NORTE ROADWAY CONSTRUCTION IN 1999)
PREVIOUS ELEVATION = 5378.79 FEET (NGVD 1929)
THIS BENCHMARK HAS BEEN USED TO PROVIDE CONSISTENCY BETWEEN THIS SURVEY AND SURVEYS PREVIOUSLY CONDUCTED FOR RELATED NORTH DOMINGO BACA ARROYO PROJECTS AND THEREFORE REPRESENTS THE "PROJECT DATUM" FOR THIS PROJECT. 1929) LOTS 10-24 BLOCK 18 AND LOTS 7-15 AND A LOT 16 BLOCK 20, NORTH ALBUQUERQUE ACRES, PROJECT BENCHMARK (NGVD 1929)

NOTE: THE ELEVATION FOR ACS STATION "5-C20", AN ACS 1 3/ALUMINUM DISK STAMPED "ACS BM, 5-C20", EPOXIED TO THE TOP OF A STORM INLET, AT THE N.N.E. CURB RETURN IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF VENTURA STREET AND ANAHEIM AVENUE N.E., BASED UPON THE "PROJECT DATUM" 5552.84 FEET (NGVD 29). THE C.O.A. PUBLISHED ELEVATION FOR "5-C20" IS 5552.71 FEET (NGVD 29) AND THEREFORE VARIES BY 0.13 FEET VERTICALLY FROM THE "PROJECT DATUM".

A #5 REBAR WITH CAP STAMPED "CONTROL PT NMPS SET ON TOP OF THE SPILLWAY BERM APPROX. 60' N.E. OF THE N.E. CORNER OF LOT 24, BLOCK 18. ELEVATION = 5686.33 FEET (NGVD 1929)

INDEX OF DRAWINGS

- COVER SHEET, VICINITY MAP, FIRM, INDEX OF DRAWINGS AND DRAINAGE REPORT
- GRADING PLAN
- SECTIONS **PAVING**
- BASIN AND KEY MAP; HYDROLOGY AND STREET HYDRAULICS CALCULATIONS, TYPICAL LOT DRAINAGE DETAILS GRADING SECTIONS, DETAILS AND GENERAL NOTES

DRB PROJECT #1002885

			DATE	,	SHEET
	REVISIONS	ELIMINATE OFFSITE GRADING			
	BY	16/03 G.M.			
	DATE	12/16/03			
	ON.	$\bigvee$			
2	e e e e e e e e e e e e e e e e e e e	G.M.	<u> </u>		×
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2002,050,3

11-2003

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JEFF MORTENSEN & ASSOCIATES, INC.

□ 6010-B MIDWAY PARK BLVD. N.E.

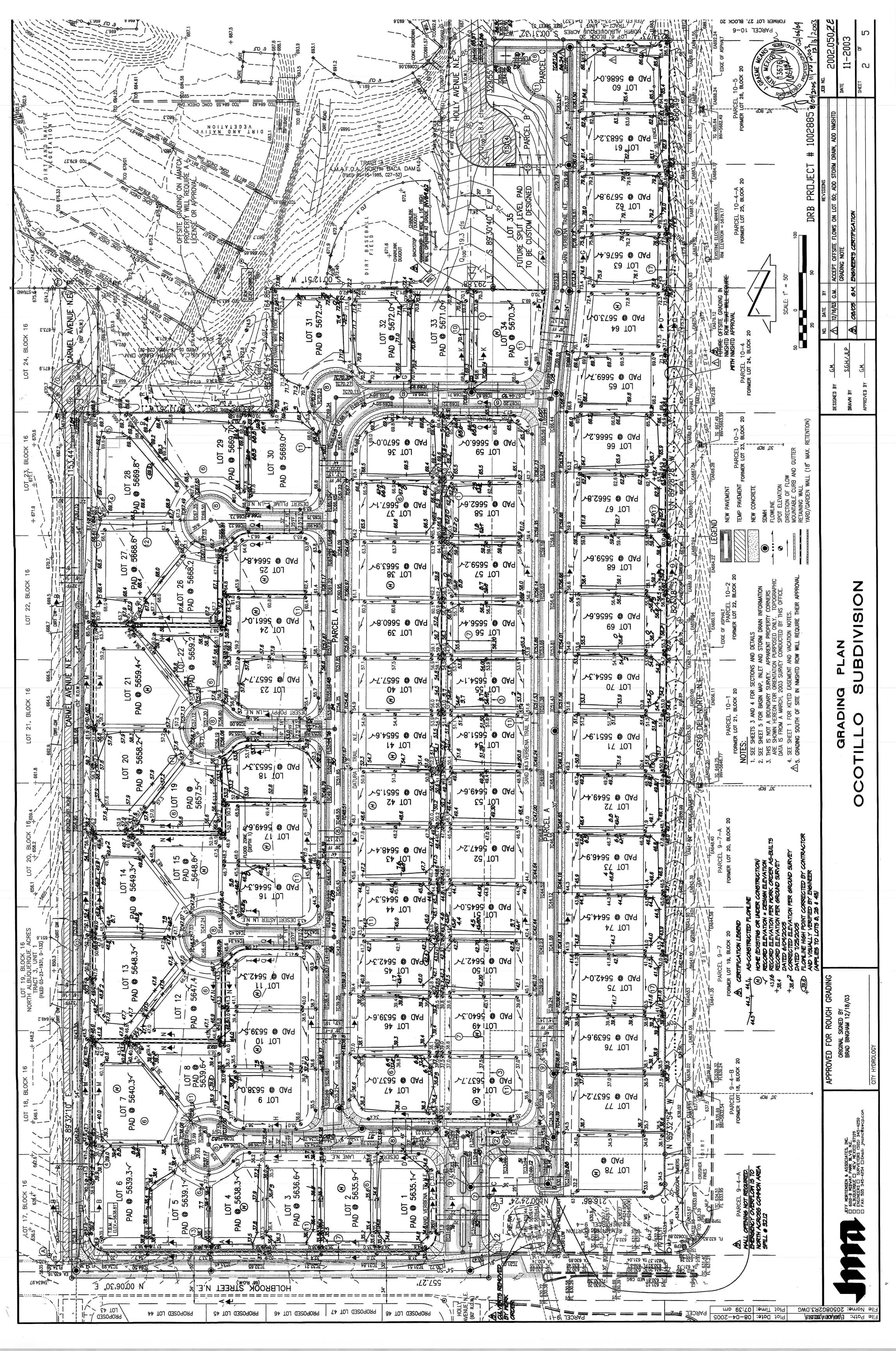
□ ALBUQUERQUE □ NEW MEXICO 87109

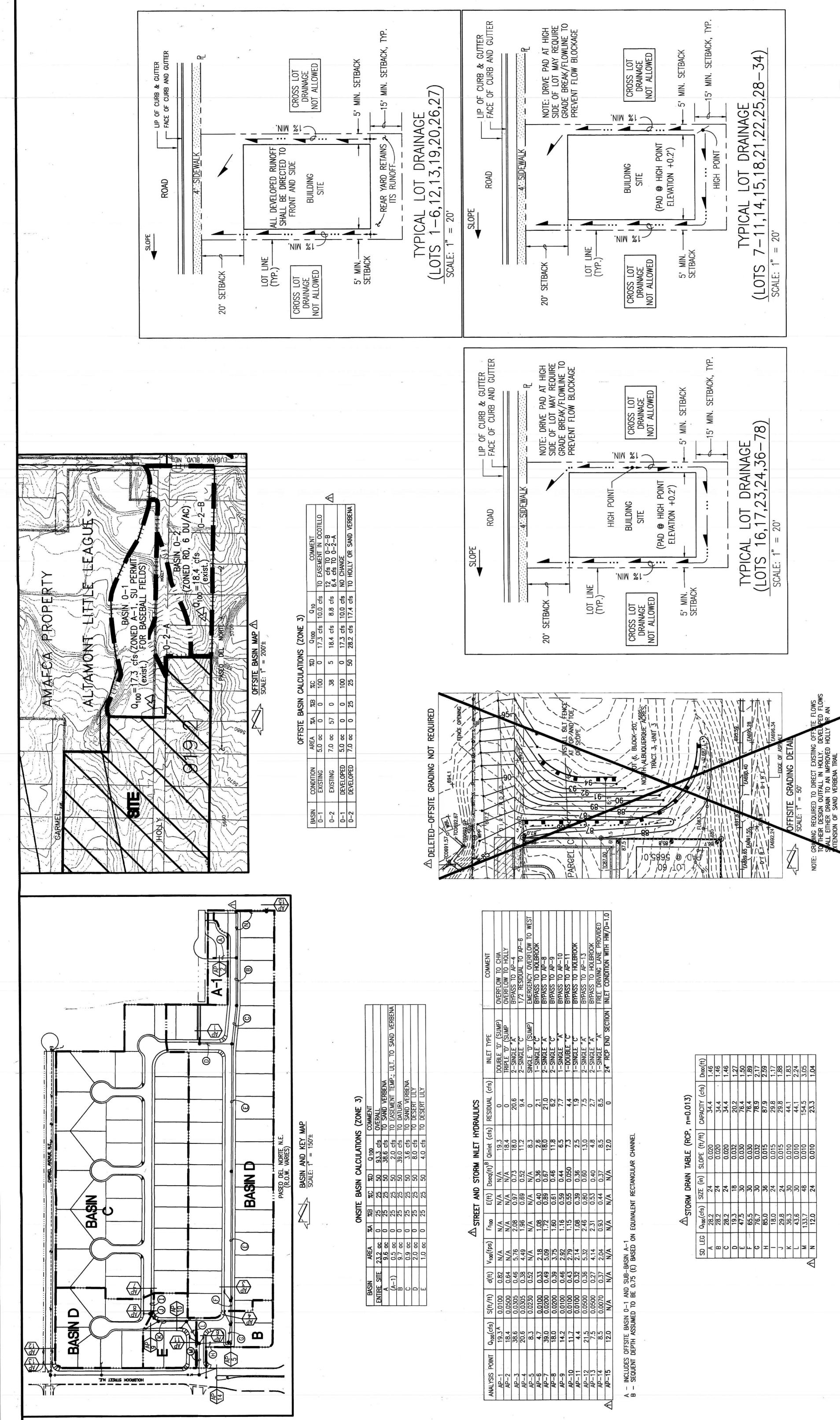
□ ENGINEERS □ SURVEYORS (505) 345-4250

□ FAX: 505 345-4254 □ Email: Jmainc@swcp.c

File Path:

COVER SHEET, VICINITY MAP, FIRM, INDEX OF DRAWINGS, CALCULATIONS AND DRAINAGE REPORT OCOTILLO SUBDIVISION







PERMISSION FOR OFFSITE GRADING

WNER: LOT 6, BLOCK

2002,050,3

DELETE OFFSITE GRADING, DIVIDE OFFSITE BASIN 0-2 INTO 2 SUB-BASINS, ADD STORM DRAIN HYDRAULICS, APP AP-15

G.M.

DATE 12/16/03

S.G.H.

DRAWN BY

DESIGNED BY

APPROVED BY

**DRB PROJECT # 1002885** 

(13676)

REGISTA

11-2003

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	JEFF MORTENSEN & ASSOCIATES, INC.  □ 6010-B MIDWAY PARK BLVD, N.E.  □ ALBUQUERQUE □ NEW MEXICO 87109  □ ENGINEERS □ SURVEYORS (505) 345-4250  □ FAX: 505 345-4254 □ Email: Jmainc@swcp.com	
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