

CITY OF ALBUQUERQUE



December 19, 2017

Ron Hensley, P.E.
THE Group
300 Branding Iron Rd. SE
Rio Rancho, NM 87124

RE: **Desert Ridge Place Unit 3**
Holly Ave NE
Grading and Drainage Plan Date: 2/14/17
Engineer's Certification Date: 12/14/17
Hydrology File: C20D076

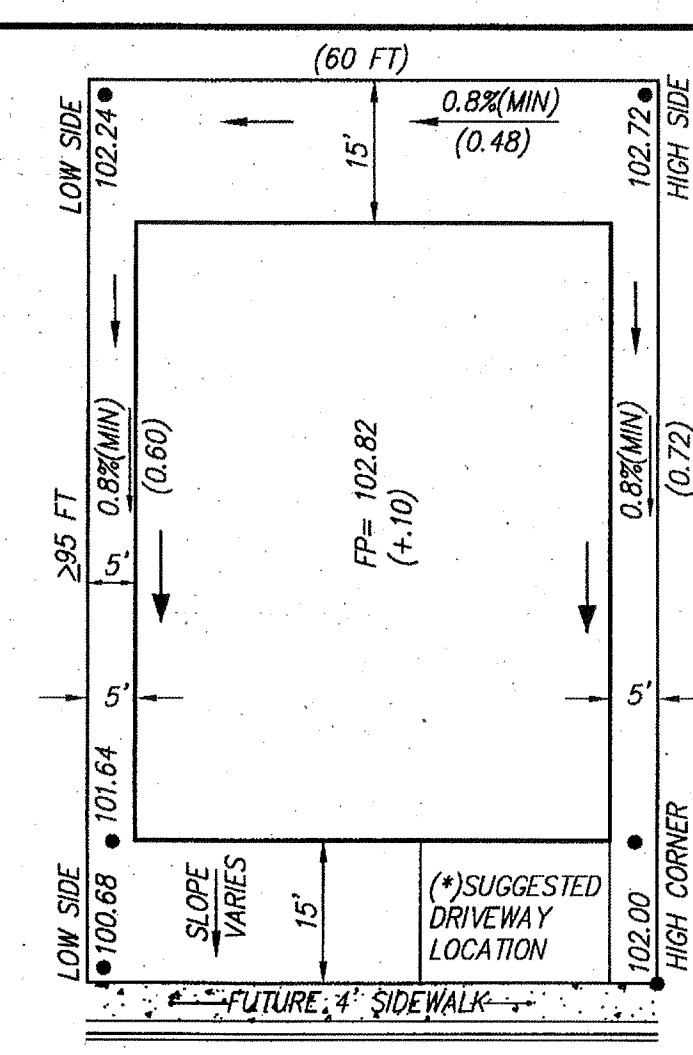
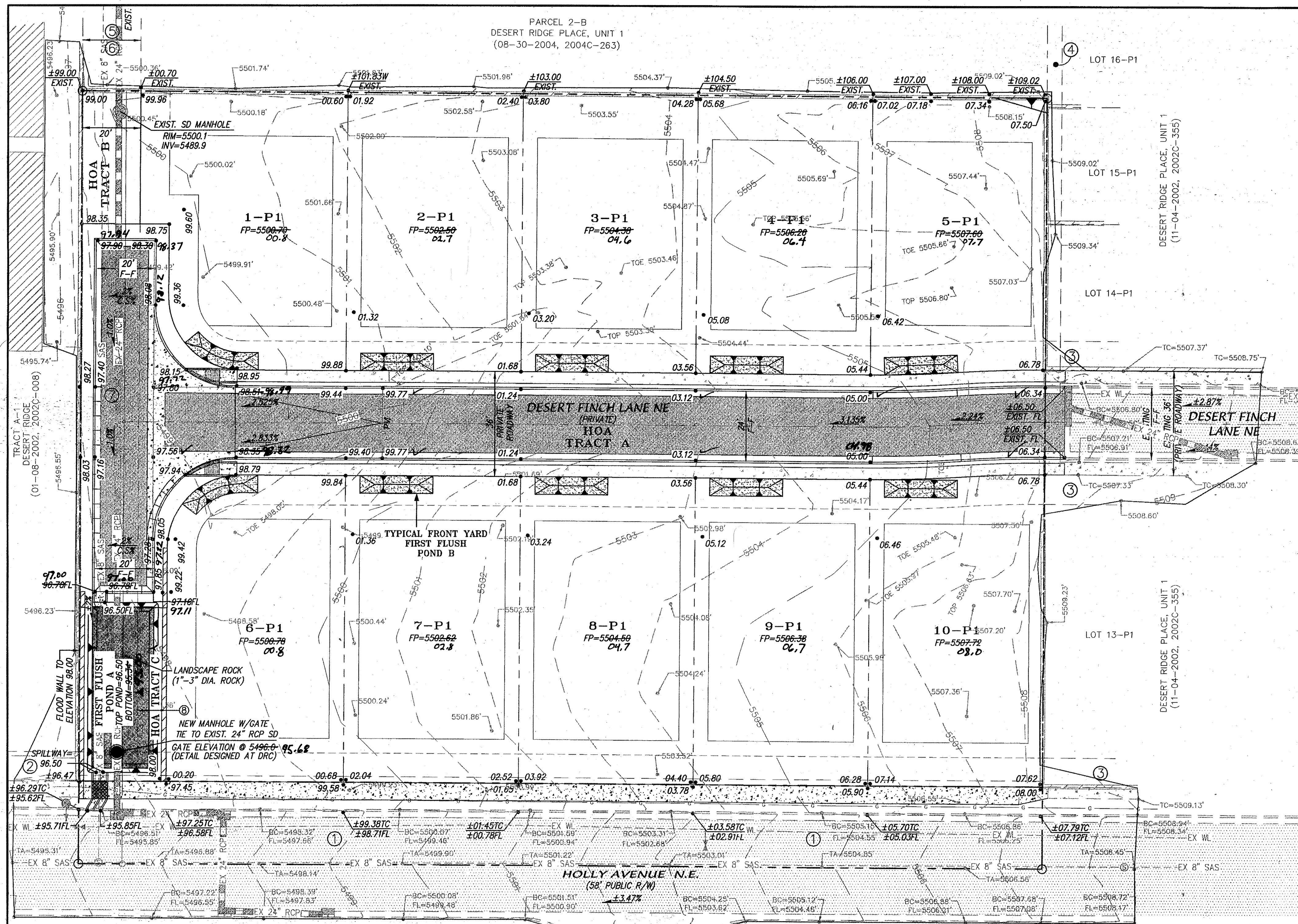
Dear Mr. Hensley:

Based on the information provided in your submittal received 12/15/17, the Engineer's Certification is approved for ROFG/SIA for Hydrology.

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

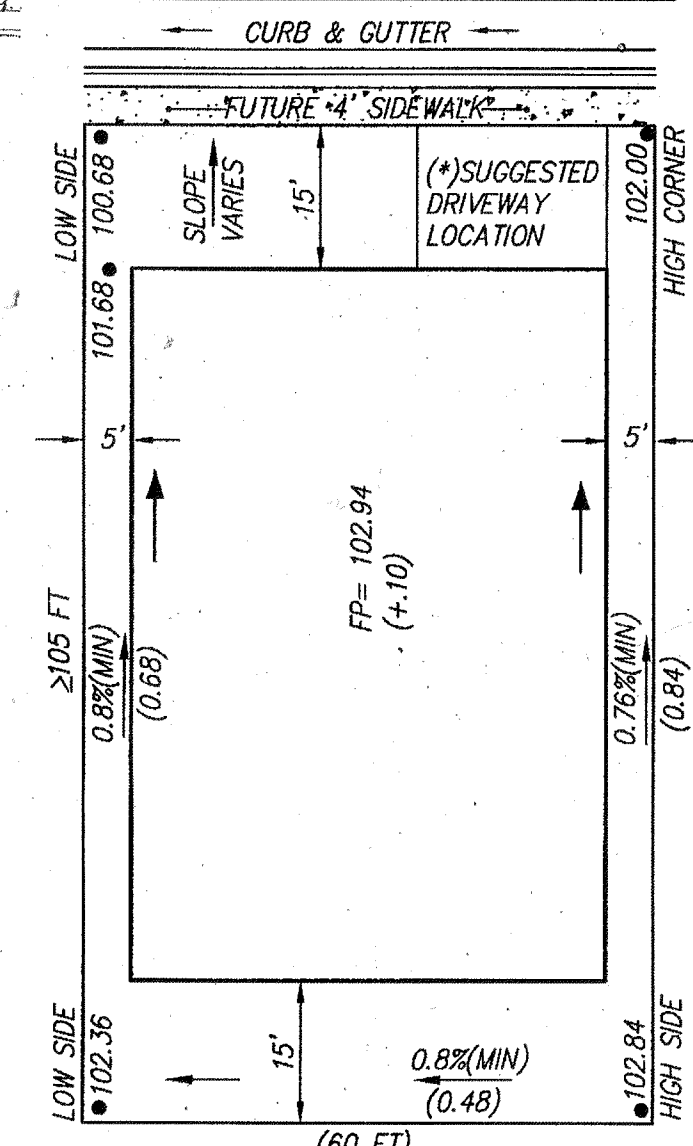
Sincerely,

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



TYPICAL LOT LAYOUT PLAN
SCALE: 1"=20' (FOR LOTS 1-P1 THRU 5-P1)

(*) SPECIAL NOTE FOR DRIVEWAYS
ON ALL LOTS WHERE FINISHED PAD IS > 2.0 FEET HIGHER THAN LOW CORNER OF LOT, DRIVEWAY SHOULD BE CONSTRUCTED ON THE HIGH SIDE OF PAD/LOT. THIS WILL HELP MINIMIZE THE STEEPNESS OF DRIVEWAY SLOPE.



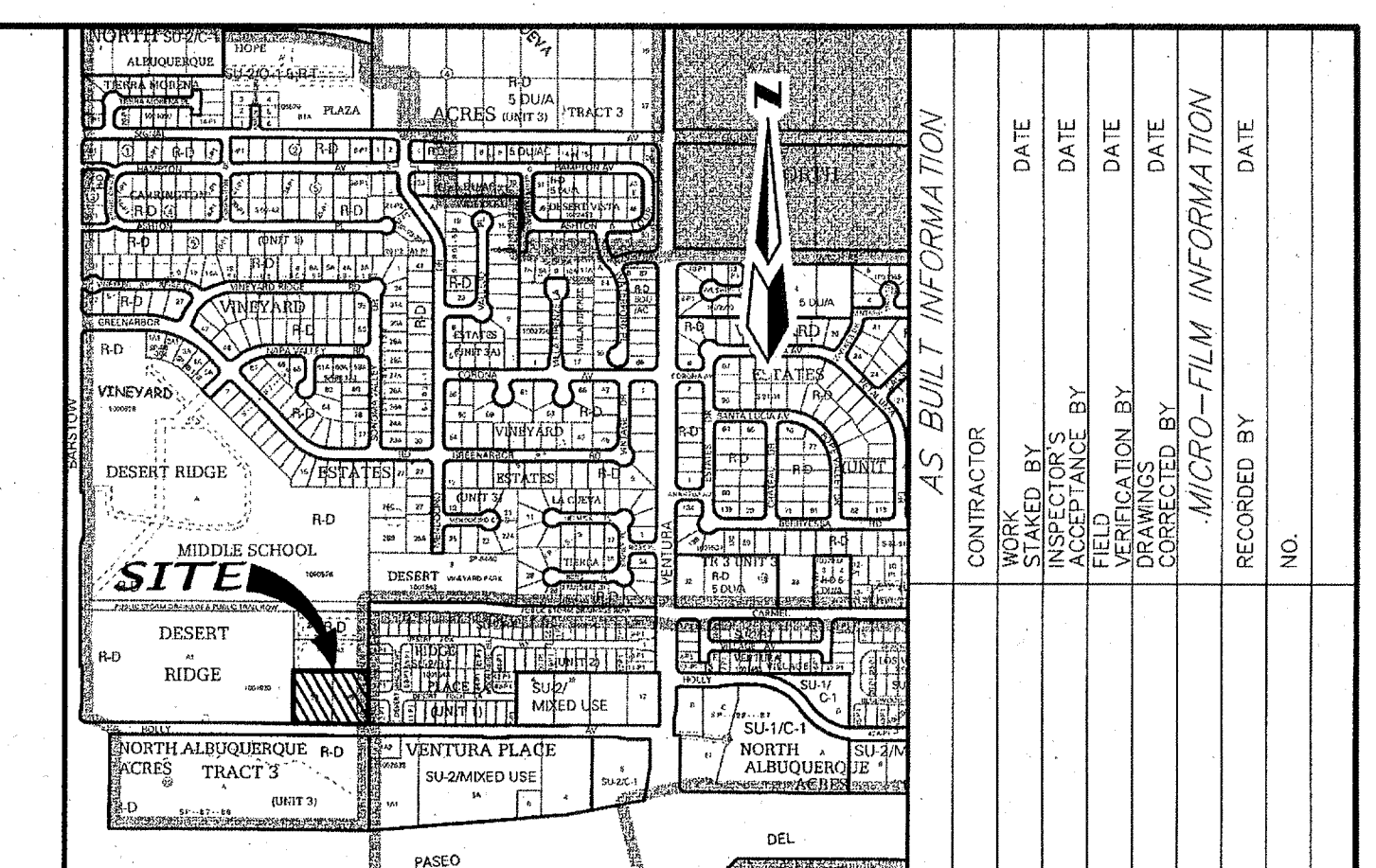
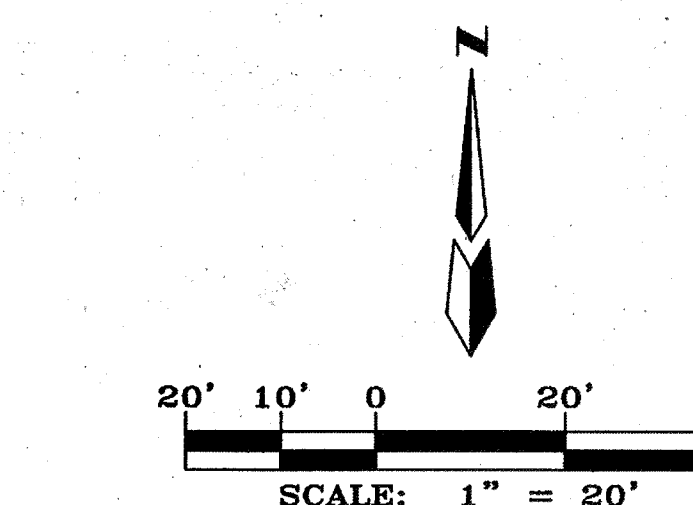
TYPICAL LOT LAYOUT PLAN
(FOR LOTS 6-P1 THRU 10-P1) SCALE: 1"=20'

DESERT RIDGE PLACE UNIT 3
FIRST FLUSH CALCULATIONS

Lot	Pad Area	Flush Volume
LOT 1	3077 SF	87 CF
LOT 2	3149 SF	89 CF
LOT 3	3150 SF	89 CF
LOT 4	3151 SF	89 CF
LOT 5	3156 SF	89 CF
LOT 6	3513 SF	100 CF
LOT 7	3849 SF	109 CF
LOT 8	3849 SF	109 CF
LOT 9	3849 SF	109 CF
LOT 10	3855 SF	109 CF
REQ'D VOLUME TOTAL		979 CF

FIRST FLUSH VOLUME= (PAD AREA)x(.34")/(12")= CU.FT.
FIRST FLUSH POND A
TOP AREA= 58'x24'
DEPTH= 0.66 FT.
SIDE SLOPE= 4:5:1
VOLUME=767 CF
F.F. VOLUME PROVIDED= 767 CF + 220 CF= 997 CF
FRONT YARD FIRST FLUSH POND B
TOP AREA= 6'x25'
DEPTH= 0.5 FT.
SIDE SLOPE= 6:1
VOLUME=(10 LOTS)x22 CF=220 CF

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.



VICINITY MAP (NTS) ZONE ATLAS MAP C-20-Z

LEGAL DESCRIPTION
LOTS NUMBERED TWENTY-FIVE (25) AND TWENTY-SIX (26) IN BLOCK NUMBERED NINE (9) OF TRACT 3, UNIT 3, NORTH ALBUQUERQUE ACRES, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME ARE SHOWN AND DESIGNATED ON THE PLAT OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON SEPTEMBER 10, 1931, IN PLAT BOOK D, PAGE 121.
THE PARCEL DESCRIBED HEREON IS THE SAME AS SHOWN ON THE TITLE COMMITMENT PROVIDED BY STEWART TITLE, HAVING FILE NO. 01147-29295 AND AN EFFECTIVE DATE OF MAY 12, 2016.

LEGEND

EXISTING CONCRETE	EXISTING BLOCK WALL	EXISTING METAL FENCE	EXISTING METAL FENCING W/BLOCK PILASTERS	EXISTING WATER VALVE	EXISTING FIRE HYDRANT	EXISTING SANITARY SEWER MANHOLE	EXISTING STORM DRAIN MANHOLE/MANHOLE	EXISTING STORM DRAIN INLET INLET	EXISTING UTILITY PEDESTAL	EXISTING UNDERGROUND GAS LINE	EXISTING UNDERGROUND SANITARY SEWER	EXISTING UNDERGROUND STORM DRAIN LINE	EXISTING UNDERGROUND WATER LINE	EXISTING SPOT ELEVATION	EXISTING BACK OF CURB ELEVATION	EXISTING FLOW LINE ELEVATION	EXISTING TOP ELEVATION	EXISTING TOE ELEVATION	EXISTING TOP OF CONCRETE ELEVATION	NEW 8" STANDARD CURB & GUTTER	NEW MOUNTABLE CURB & GUTTER	NEW RIGHT-OF-WAY	NEW CENTERLINE	NEW LOT LINES	NEW EASEMENTS	NEW TOP OF WALL ELEVATION	NEW BOTTOM OF WALL ELEVATION	NEW SPOT ELEVATIONS	NEW FLOW DIRECTION	NEW PAVEMENT	EXISTING PAVEMENT	TYPICAL FRONT YARD FIRST FLUSH POND
-------------------	---------------------	----------------------	--	----------------------	-----------------------	---------------------------------	--------------------------------------	----------------------------------	---------------------------	-------------------------------	-------------------------------------	---------------------------------------	---------------------------------	-------------------------	---------------------------------	------------------------------	------------------------	------------------------	------------------------------------	-------------------------------	-----------------------------	------------------	----------------	---------------	---------------	---------------------------	------------------------------	---------------------	--------------------	--------------	-------------------	-------------------------------------

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PLANNING DEPARTMENT

TITLE: DESERT RIDGE PLACE UNIT 3 GRADING AND DRAINAGE PLAN
DESIGN REVIEW COMMITTEE: CITY ENGINEER APPROVAL
LAST DESIGN UPDATE: MO./DAY/YR. MO./DAY/YR.
CITY PROJECT NO. ZONE MAP NO. C-20-Z SHEET 1 OF 1
DESIGNED BY DLH DATE 01/17
DRAWN BY DER DATE 01/17
CHECKED BY DMG DATE 01/17