

# CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

May 16, 2017

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

RE: **Holly Estates Subdivision**  
**Ronan and Jenson Court NE**  
**Engineer's Certification Date: 4/5/17**  
**Hydrology File: C21D040**

Dear Mr. Hensley:

PO Box 1293

Based on the information provided in your submittal received 5/15/17, the Engineer's Certification is approved for ROFG/SIA for Hydrology.

Albuquerque

If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

New Mexico 87103

Sincerely,

*Renee C. Brissette*

[www.cabq.gov](http://www.cabq.gov)

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



**T**he **H**ENSLEY **E**NGINEERING **G**ROUP

May 15, 2017

Hydrology Development  
City of Albuquerque  
PO Box 1293  
Albuquerque, NM 87103

Re: C21D040 – Holly Estates Subdivision Drainage Certification

The as built Grading Plan for the above site is attached. The subdivision is a replat of ““Lots 3-6 Block 20 Tract 3 Unit 1 of North Albuquerque Acres”. The drainage from and within the subdivision perform as designed, and all grades inside the subdivision do not deviate by more than 18" of the DRB approved grades within 50 feet of the subdivision's perimeter. The pad elevations of all lots have been verified.

We are requesting a review for Release of Financial Guaranty and Building Permit Approval. 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](mailto:ron@thegroup.cc)



# GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO. 8.
2. THE EROSION PROTECTION SPECIFIED ON THIS PLAN IS THE MINIMUM RECOMMENDED. THE OWNER IS ENCOURAGED TO INCORPORATE EROSION RESISTANT LANDSCAPING ON AREAS WHERE EROSION MAY OCCUR SUCH AS SLOPES AND SWALES. THE OWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL FEATURES NECESSARY TO PRESERVE THE DESIGN INTENT OF THE GRADING PLAN.
3. THE DRAINAGE INFRASTRUCTURE SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
4. ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD MUST BE RESEDED OR LANDSCAPED.
5. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.

# NOTES

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES. MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF GND ENGINEERING, LLC IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

# EROSION CONTROL NOTES

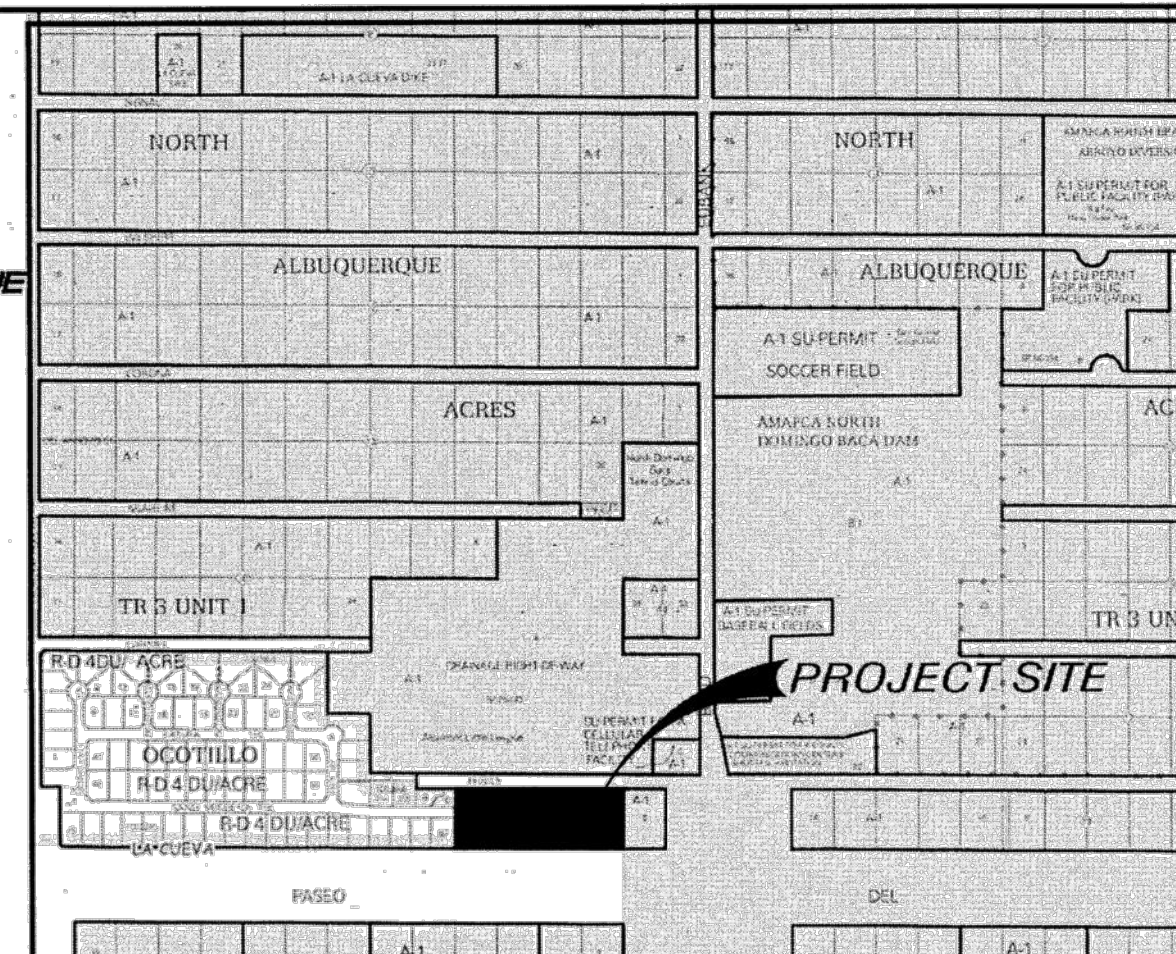
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

# LEGAL DESCRIPTION

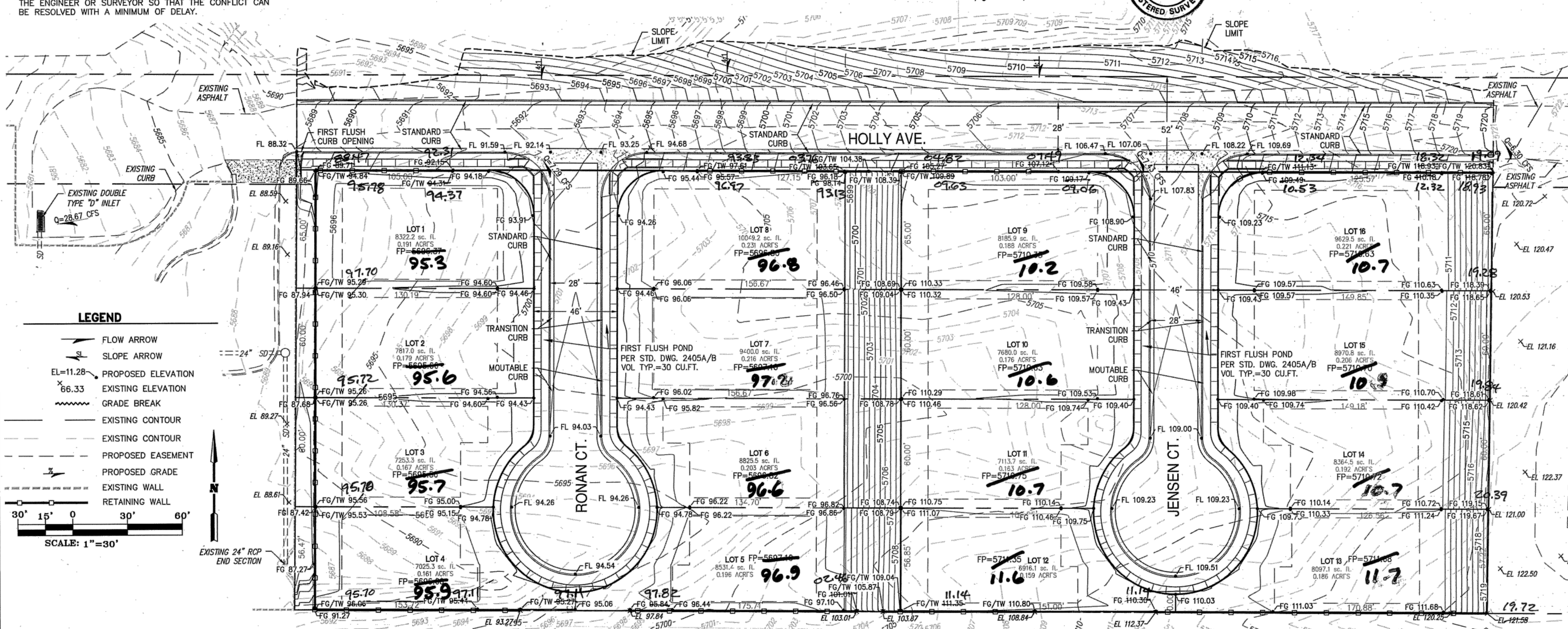
(BEING A REPLAT OF LOTS 3-6, BLOCK 20, TRACT 3 UNIT 1)  
WITHIN NORTH ALBUQUERQUE ACRES  
IN PROJECTED SECTION 17, TOWNSHIP 11 NORTH, RANGE 4 EAST ELENA  
GALLEGO LAND GRANT NEW MEXICO PRINCIPAL MERIDIAN CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO

I, Philip W. Turner, a professional surveyor licensed in accordance with the laws of the state of New Mexico, do hereby certify that the "as-built" information shown on these documents was obtained from field construction layout and "as-built" surveys performed by me or under my direct supervision, that the "as-built" information shown on these drawings was annotated by me, or under my direct supervision, and that this "as-built" information is true and correct to the best of my knowledge and belief. I further state and affirm that I, Philip W. Turner, am not responsible for the design concepts, calculations engineering or intent of these record drawings.

Philip W. Turner, N.M.P.S. 10204  
Date 4-5-17



VICINITY MAP C-21-Z



# LEGEND

- FLOW ARROW
- SLOPE ARROW
- EL=11.28 PROPOSED ELEVATION
- 66.33 EXISTING ELEVATION
- GRADE BREAK
- EXISTING CONTOUR
- EXISTING CONTOUR
- PROPOSED EASEMENT
- PROPOSED GRADE
- EXISTING WALL
- RETAINING WALL

SCALE: 1"=30'

# REQUIRED FIRST FLUSH VOLUME

LOT DRAINAGE AS DEPICTED ON THIS PLAN SHALL BE MAINTAINED.

REQUIRED VOLUME =  $4500 \times 6 + 4250 \times 2 + 3550 + 3240 + 3950 \times 3 + 3610 \times 3$   
(0.44-0.10)/12 = 1,729 CU.FT.

VOLUME PROVIDED =  $1,850 + 30 \times 6 = 2,330$  CU.FT.

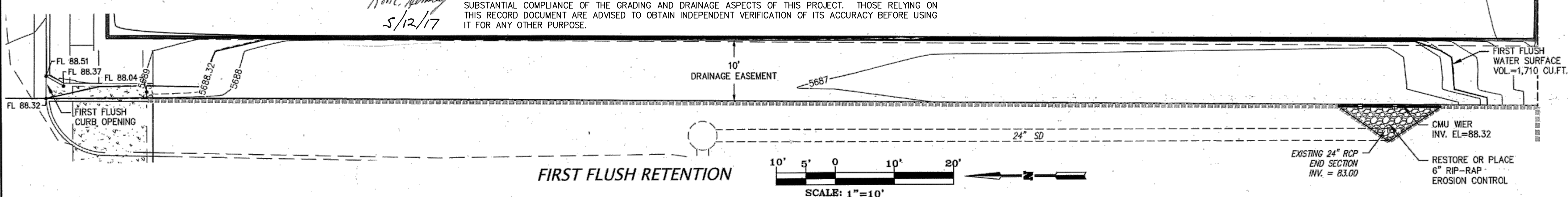
# PAD / DRAINAGE CERTIFICATION

I, RON E. HENSELEY, NMPE 21850, OF THE FIRM THE GROUP, HEREBY CERTIFY THAT HOLLY SUBDIVISION HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 6/6/2016. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY PHILIP W. TURNER, NMPS 10204, OF THE FIRM TERRAMETRICS.NM. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 5/12/2017, 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 BUILDING PERMIT AND RELEASE OF FINANCIAL GUARANTY.

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.

# PASEO DEL NORTE

ROW



FIRST FLUSH RETENTION

SCALE: 1"=10'

AS-BUILT INFORMATION			
CONTRACTOR	DATE	BY	NO.
STARTED BY	DATE	BY	NO.
FIELD LOCATION BY	DATE	BY	NO.
DRAWINGS CORRECTED BY	DATE	BY	NO.
MICRO-FILM INFORMATION			
RECORDED BY	DATE	BY	NO.
NO.	DATE	BY	NO.

ENGINEER'S SEAL			
NO. E. HENSELEY	DATE	BY	NO.
REVISIONS	DATE	BY	NO.
DESIGNED BY	DATE	BY	NO.
DRAWN BY	DATE	BY	NO.
CHECKED BY	DATE	BY	NO.

THE HENSELEY ENGINEERING GROUP  
300 BRANDING IRON RD. SE RIO  
RANCHO, NEW MEXICO 87124  
Phone: (505) 410-1622

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP  
HOLLY SUBDIVISION  
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE  
CITY ENGINEER APPROVAL  
NOV 02 2016  
CITY ENGINEER

CITY PROJECT No. 729183  
ZONE MAP No. C-21-Z

LAST DESIGN UPDATE  
Mo./DAY/YR.  
Mo./DAY/YR.  
SHEET 3 OF 13