

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

May 1, 2020

Olin Brown, PE
Bohannon-Huston
7500 Jefferson St NE Courtyard I
Albuquerque, NM 87109

**RE: Mesa Del Sol Montage Subdivision
Request for Pad Certification Unit 3B – Approved
Request for Release of Financial Guarantee
Hydrology Final Inspection – Accepted
Grading Plan Stamp Date: 2/15/19
Certification Dated: 4/2/20
Drainage File: R16D006**

PO Box 1293

Dear Mr. Brown:

Albuquerque

Based on the submittal received on 4/2/20, this certification is approved for Building Permit for the Unit listed above.

NM 87103

Based on the certification received on 4/2/20, this certification is accepted for Release of Financial Guarantee by Hydrology.

www.cabq.gov

Please note, Certificate of Occupancy will be held until all Infrastructure improvements are complete. Please have the contractor properly maintain the site and infrastructure until Certificate of Occupancy is issued.

If you have any questions, please contact me at 924-3986 or earmijo@cabq.gov.

Sincerely,

Ernest Armijo, P.E.
Principal Engineer, Hydrology
Planning Department
Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF SUBMITTAL: _____ PLAT (_____ # OF LOTS) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL?: _____ Yes _____ No

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION _____ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- _____ ENGINEER/ARCHITECT CERTIFICATION
- _____ PAD CERTIFICATION
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ DRAINAGE MASTER PLAN
- _____ DRAINAGE REPORT
- _____ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- _____ ELEVATION CERTIFICATE
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ TRAFFIC IMPACT STUDY (TIS)
- _____ OTHER (SPECIFY) _____
- _____ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING PERMIT APPROVAL
- _____ SO-19 APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ GRADING/ PAD CERTIFICATION
- _____ WORK ORDER APPROVAL
- _____ CLOMR/LOMR
- _____ FLOODPLAIN DEVELOPMENT PERMIT
- _____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

April 2, 2020

Mr. Shahab Biazar, P.E.
Hydrology Section
City of Albuquerque
600 2nd Street NW
Albuquerque, NM 87102

Re: Final Grading and Drainage Certification Mesa Del Sol Montage
Unit 3B for Financial Guaranty Release - DRB Case No. PR-2018-1331, 1006008

Dear Shahab,

We are submitting a final grading and drainage certification for Mesa Del Sol Montage Unit 3B for Financial Guaranty Release. Enclosed for your review is the approved grading and drainage plan dated 02/15/19 and 11/21/19. These lots have been graded and the curb and gutter for the corresponding frontage and alley roads as well as the pavement and downstream infrastructure have been constructed.

After reviewing these as-built elevations and visiting the site on 03/31/2020, it is my belief that the above lot has been graded in substantial compliance with the approved grading and drainage plan.

Your review and approval are requested for Final Guaranty Release. I appreciate your time and consideration. If you have questions or require additional information, please contact me at 823-1000.

Sincerely,



Olin Brown, P.E.
Project Manager
Construction Engineering

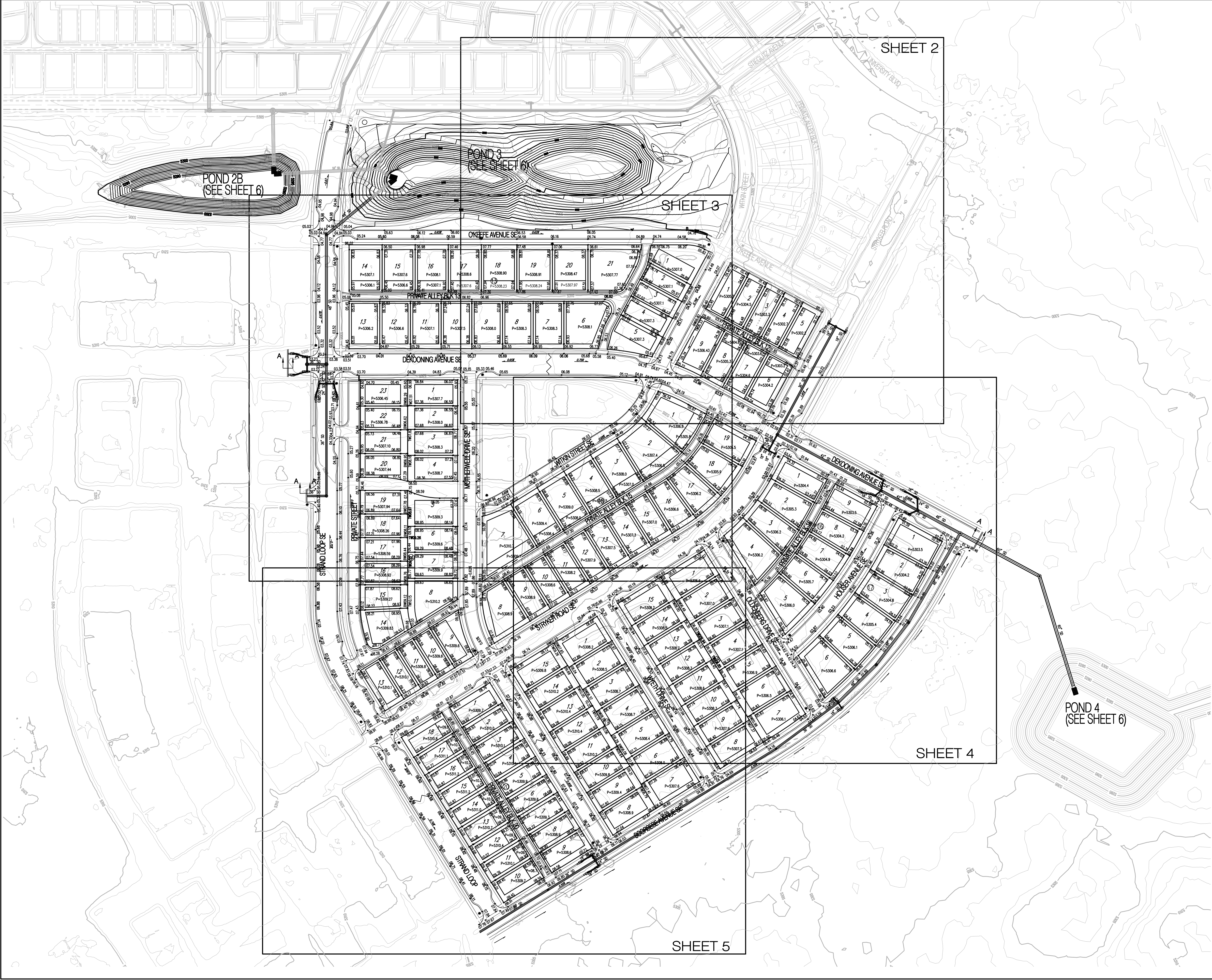
Enclosure

cc: Manny Barrera, Ravenswing Consulting
Mike Fietz, Corazon del Mesa 3B
Kevin Murthagh, BHI

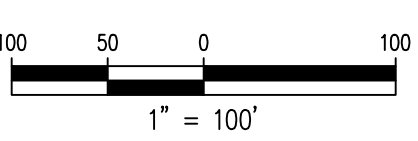
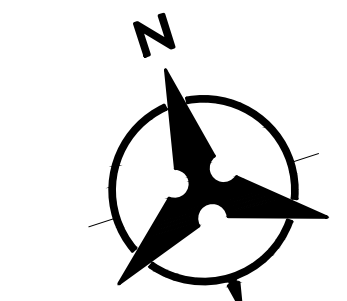
Engineering ▲

Spatial Data ▲

Advanced Technologies ▲



- GENERAL NOTES**
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT BY GEO-TEST, INC. DATED 9-29-10
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 5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
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 - 91.62 PROPOSED SPOT ELEVATION
 - × 92.46 EXISTING SPOT ELEVATION (GRND & TC)
 - ===== EXISTING CURB & GUTTER
 - ===== PROPOSED MOUNTABLE CURB & GUTTER
 - ===== PROPOSED STANDARD CURB & GUTTER
 - 54.70 EXISTING CONTOUR W/ INDEX ELEVATION
 - FLOW ARROW
 - ===== PROPOSED RETAINING WALL (TO BE BUILT BY HOME BUILDER)
 - ===== PROPOSED GARDEN WALL, CONCRETE FILLED TO 1-FOOT DEPTH
 - ===== PROPOSED SLOPE
 - ===== PROPOSED STORM DRAIN
 - ===== PROPOSED STORM DRAIN MANHOLE
 - ===== PROPOSED STORM DRAIN INLET
 - ===== PROPOSED CATTLE GUARD INLET
 - ===== WALL DRAIN
 - GRADING PHASE BOUNDARY


Bohannon & Huston
www.bhinc.com 800.877.5332

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
MESA DEL SOL MONTAGE UNIT 3B GRADING AND DRAINAGE PLAN OVERALL			
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
775782	R-15,16 S-15,16	1	7

GRADING AND DRAINAGE CERTIFICATION


I, OLIN BROWN, NMPE 23696, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT MESA DEL SOL MONTAGE UNIT 3B, HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING AND DRAINAGE PLAN DATED 02/15/19, 11/21/19, THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BRIAN J. MARTINEZ, NMPS 18374, OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 3/31/2020 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACUTAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

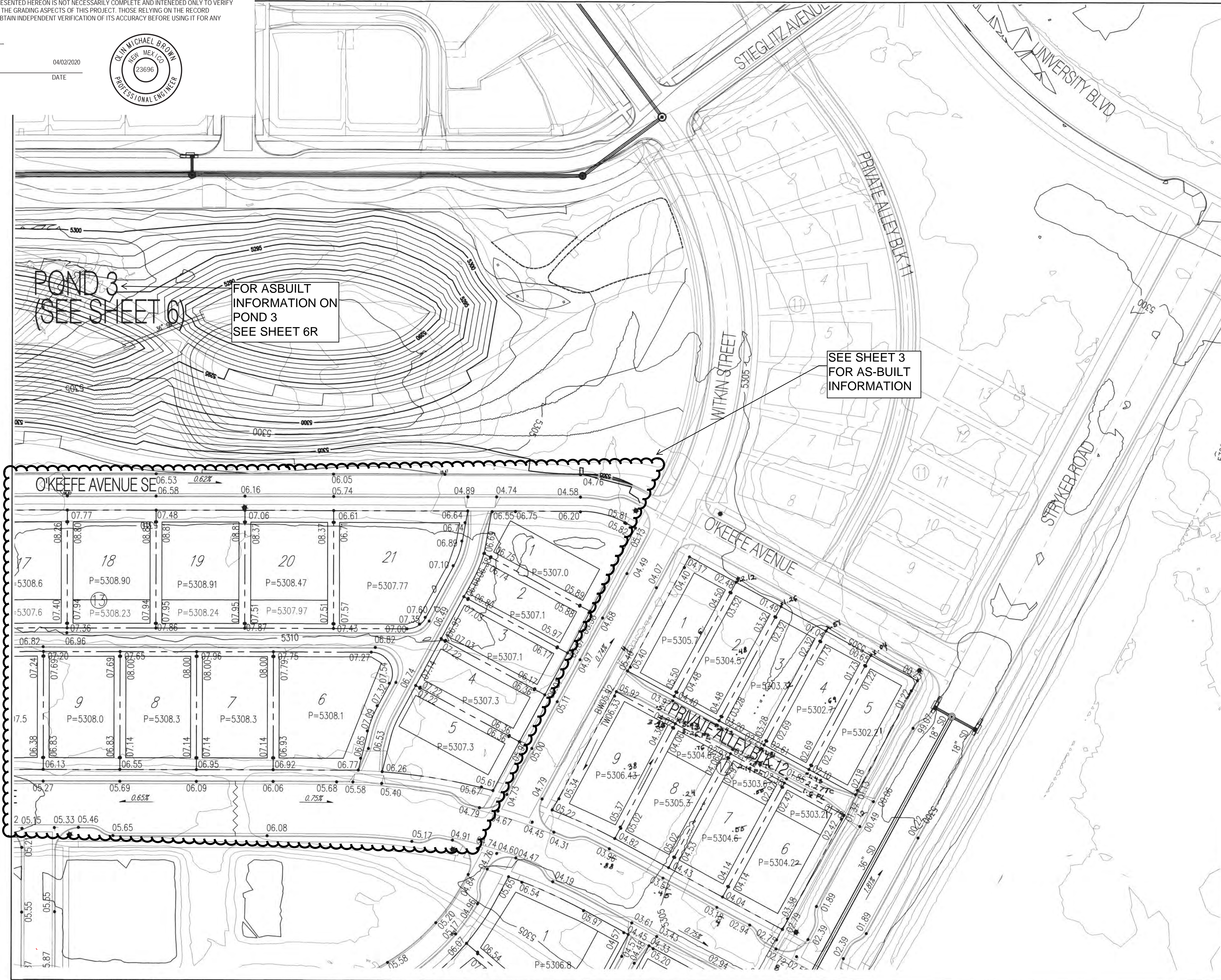
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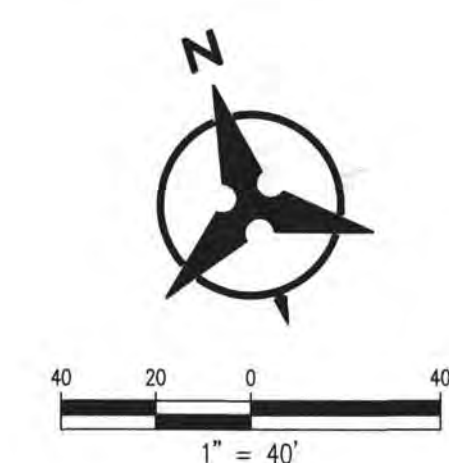
04/02/2020

DATE






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MESA DEL SOL MONTAGE UNIT 3B			
GRADING AND DRAINAGE PLAN			
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775782	R-15,16 S-15,16	2	7

Fri, 15-Feb-2019 - 9:05:am, Plotted by: RWLLAL0805
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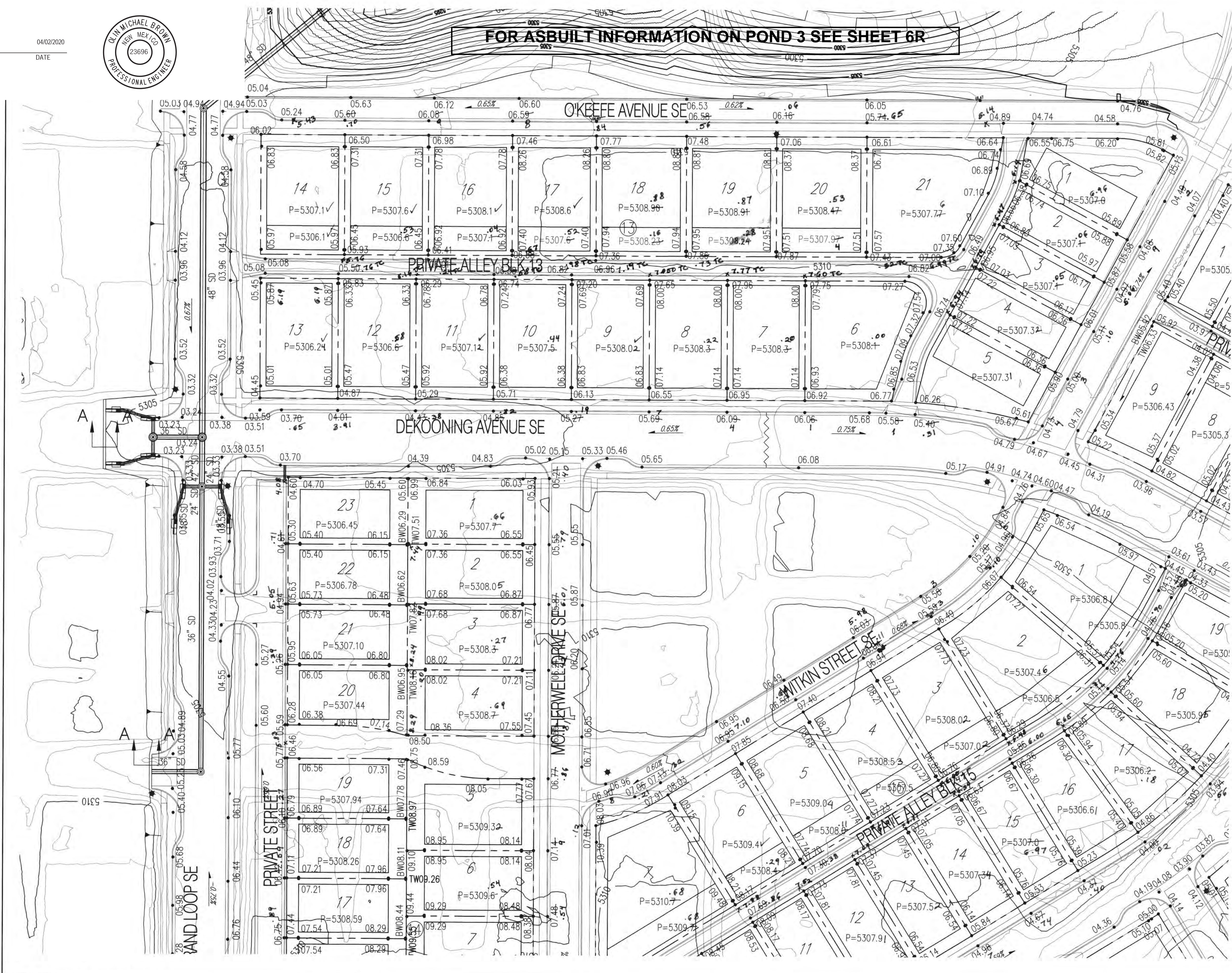


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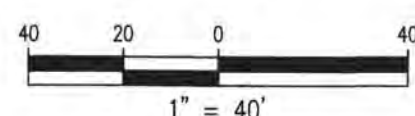


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OLIN M. BROWN, NMPE 23696




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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT			
MESA DEL SOL MONTAGE UNIT 3B GRADING AND DRAINAGE PLAN			
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
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775782	R-15,16 S-15,16	3	7

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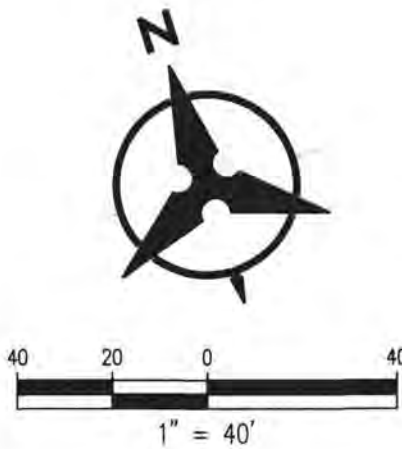


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 **CITY OF ALBUQUERQUE**
PUBLIC WORKS DEPARTMENT

MESA DEL SOL MONTAGE UNIT 3B
GRADING AND DRAINAGE PLAN

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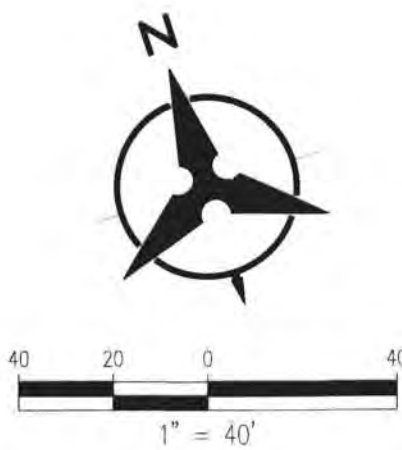
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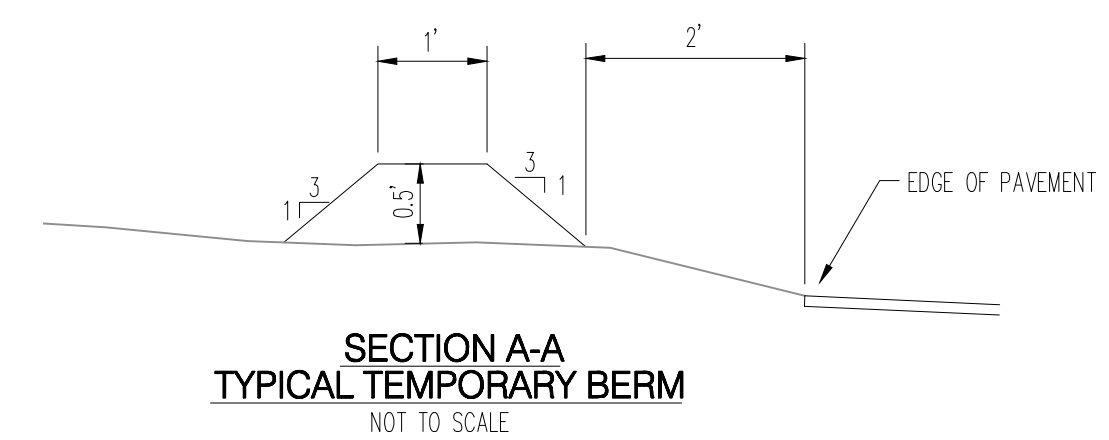
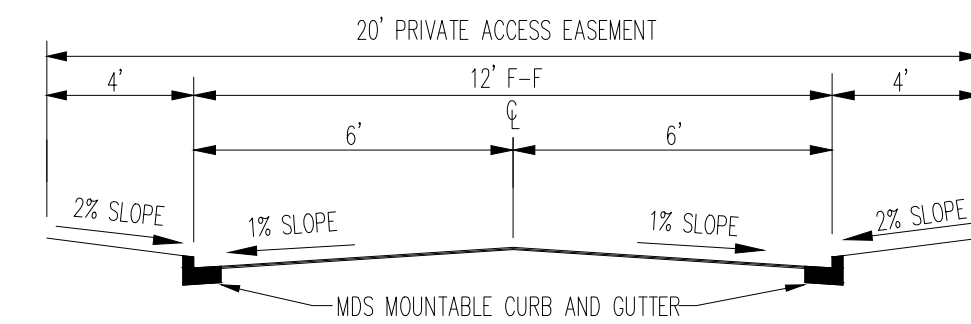
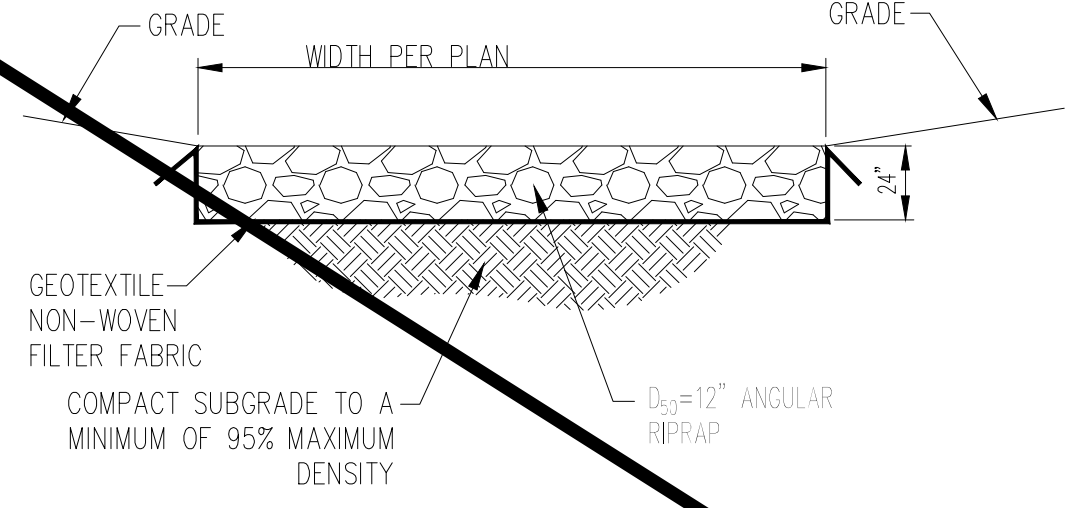
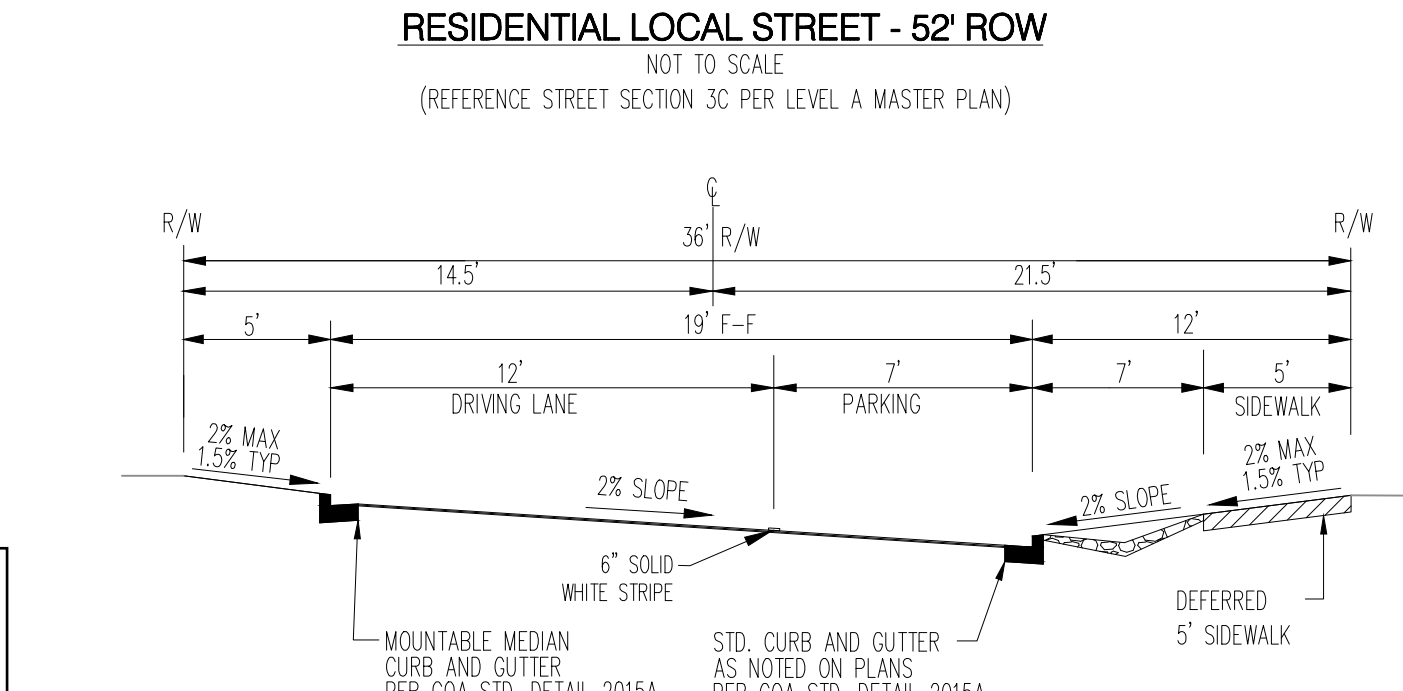
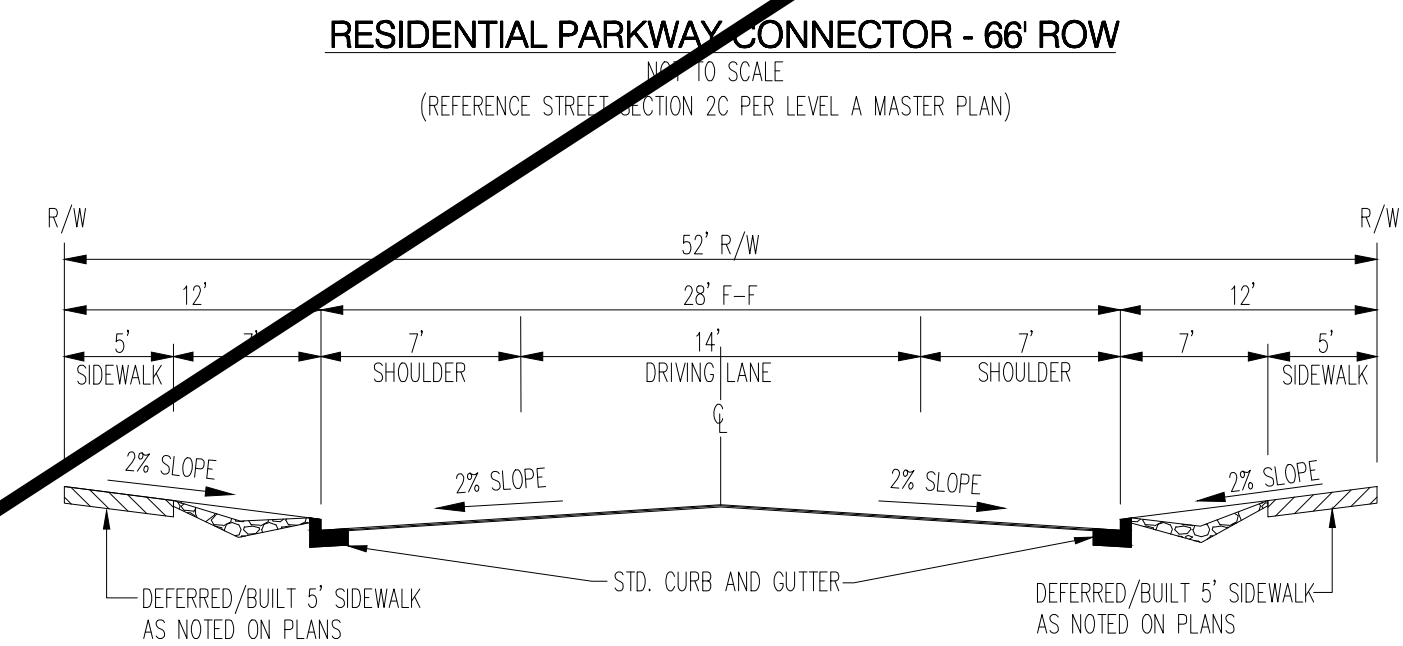
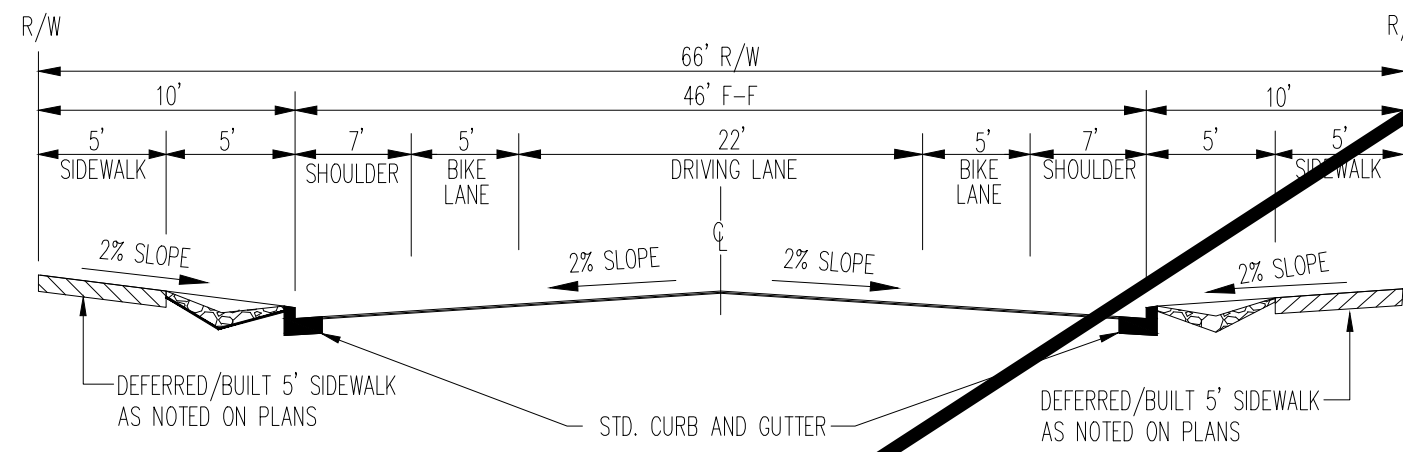
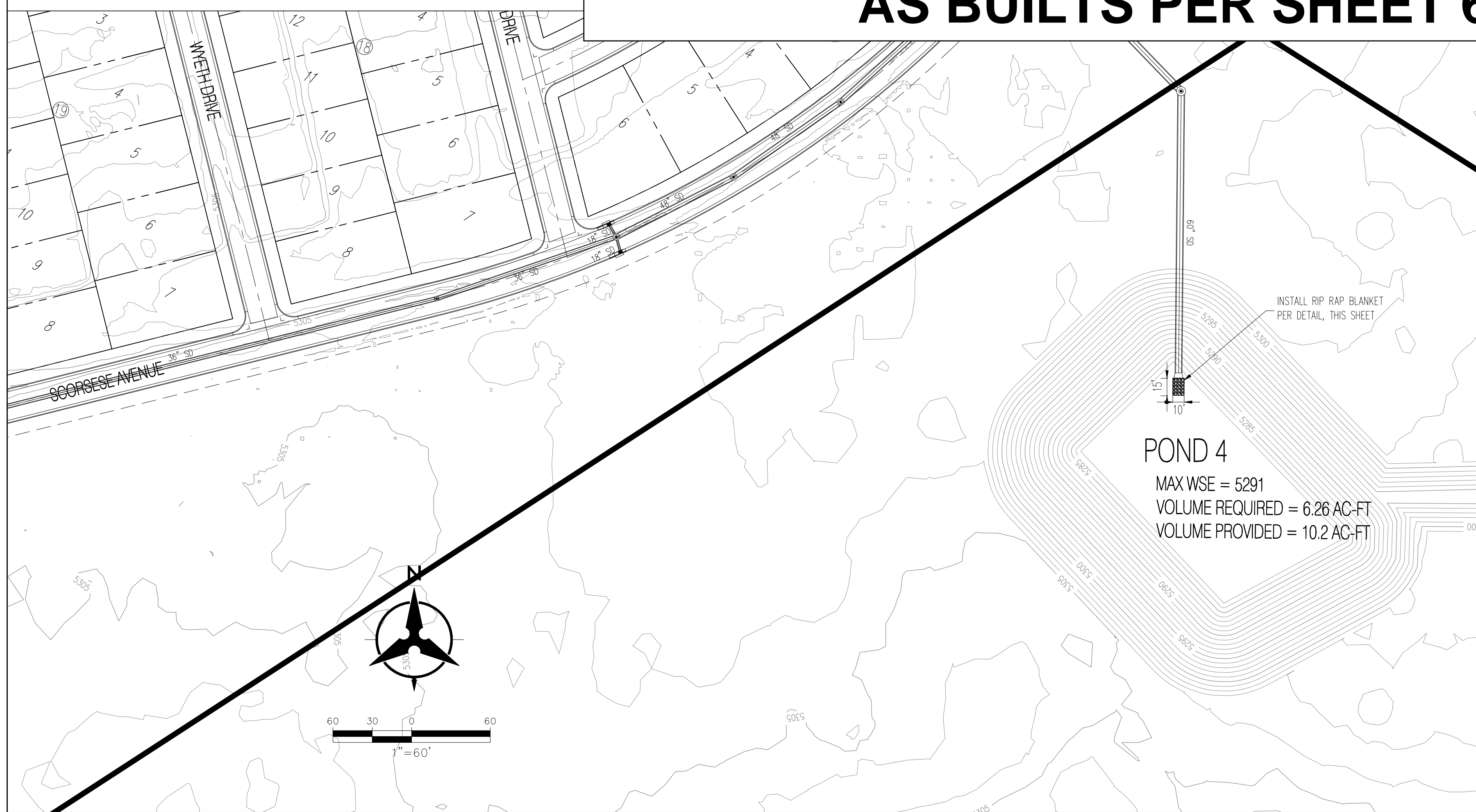
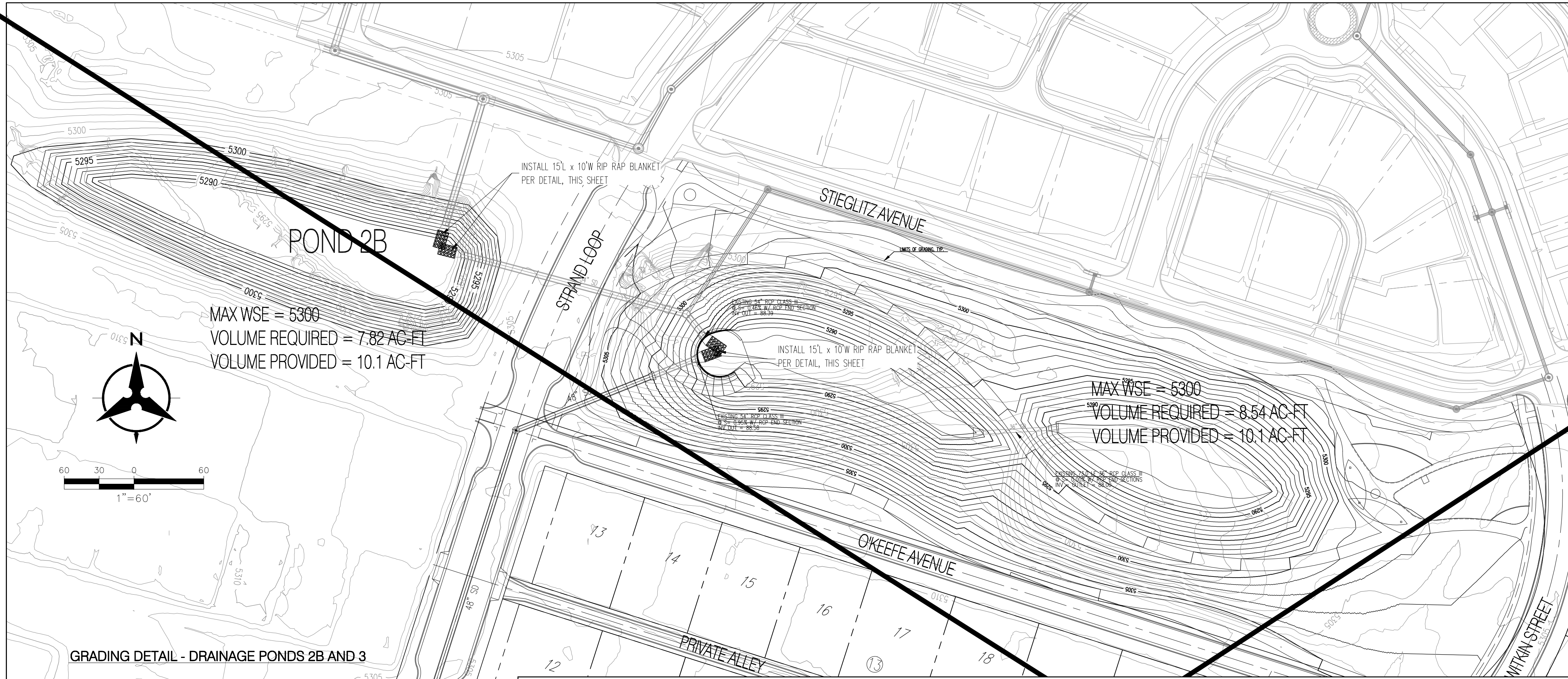
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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

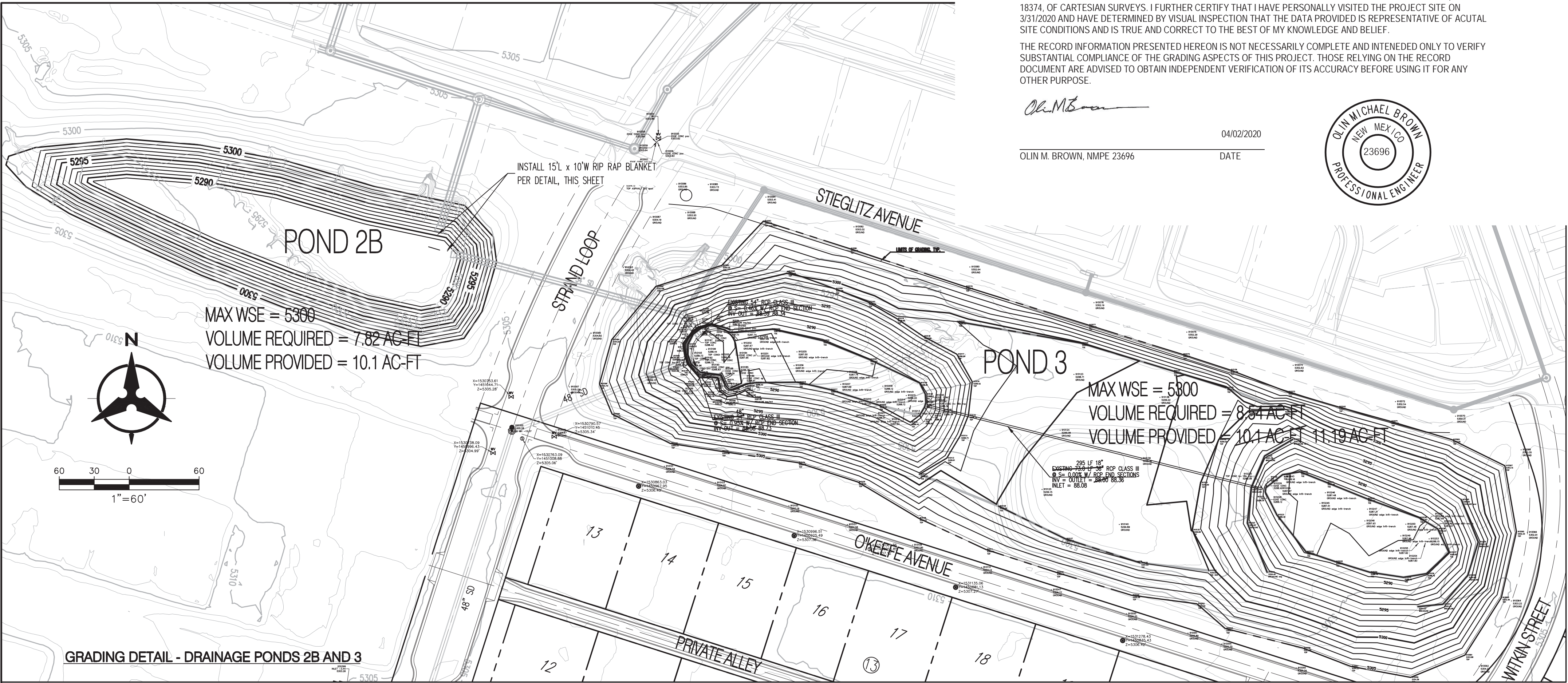
**MESA DEL SOL MONTAGE UNIT 3B
GRADING AND DRAINAGE PLAN**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	
City Project No.		Zone Map No.	Sheet	Of
775782		R-15,16 S-15,16	5	7



AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	DATE	ACS TABLET STAMPED "1, R16, 1984"	DATE	NO.	BY	DATE	NO.	By	DATE	By	DATE
WORK BY	DATE	GEOGRAPHIC POSITION (NAD 83)	DATE								
INSPECTOR'S	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	DATE								
ACCEPTANCE BY	DATE	X = 1,532,715.669 Y = 1,453,438.899	DATE								
VERIFICATION BY	DATE	GROUND-TO-GRID FACTOR = 0.999664099	DATE								
DRAWING BY	DATE	Δα = -00°12'22.46"	DATE								
CHECKED BY	DATE	NAVD 1988 ELEVATION = 5291.451	DATE								
RECORDED BY	DATE		DATE								
NO.											





GRADING AND DRAINAGE CERTIFICATION

I, OLIN BROWN, NMPE 23696, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT MESA DEL SOL MONTAGE UNIT 3B, HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING AND DRAINAGE PLAN DATED 02/15/19, 11/21/19, THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BRIAN J. MARTINEZ, NMPS 18374, OF CARTESIAN SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 3/31/2020 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Olin M. Brown

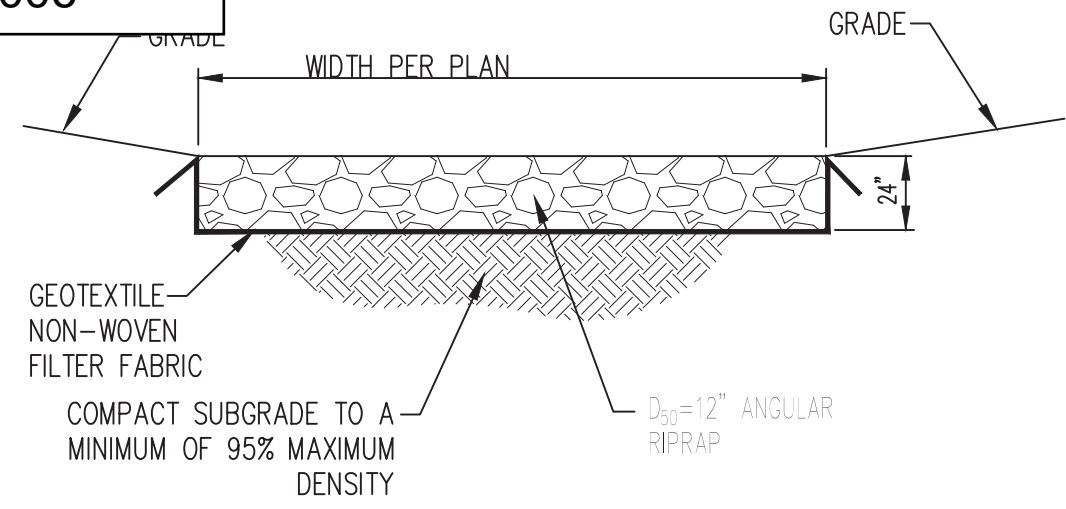
OLIN M. BROWN, NMPE 23696 DATE 04/02/2020



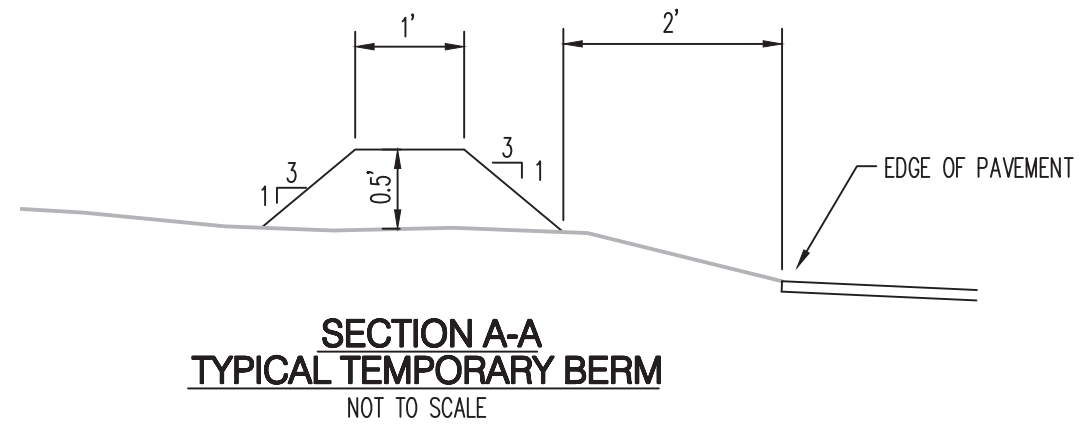
CERTIFIED ON
DATE 08/01/16 BY
RITA HARMON, PE
FILE#: R16D006

INSTALL 15'L x 10'W RIP RAP BLANKET
PER DETAIL, THIS SHEET

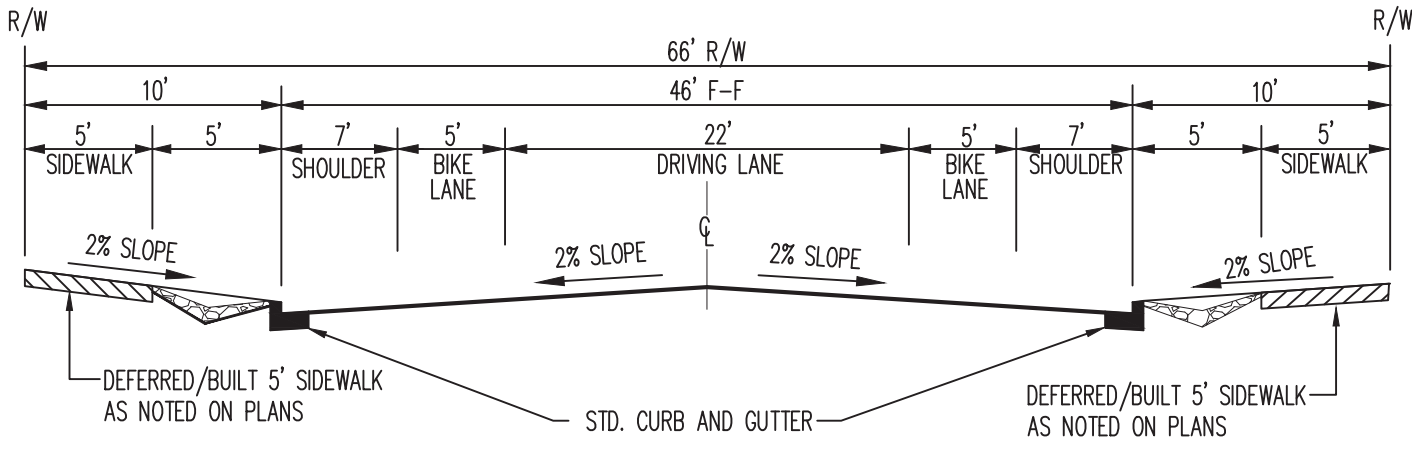
POND 4
MAX WSE = 5291
VOLUME REQUIRED = 6.26 AC-FT
VOLUME PROVIDED = 10.2 AC-FT



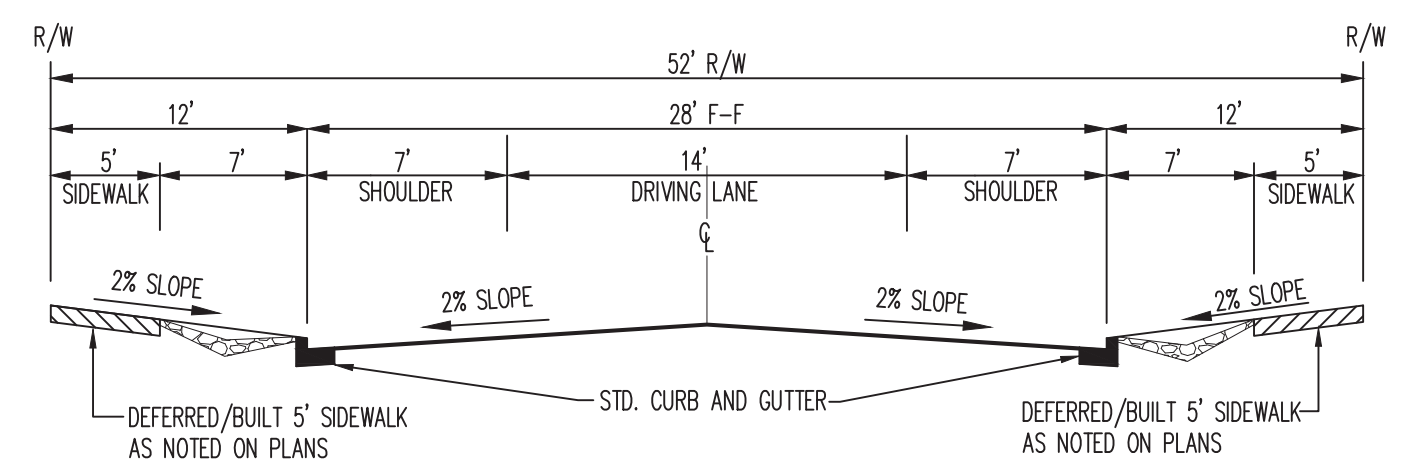
3 TYPICAL RIP RAP BLANKET
NOT TO SCALE



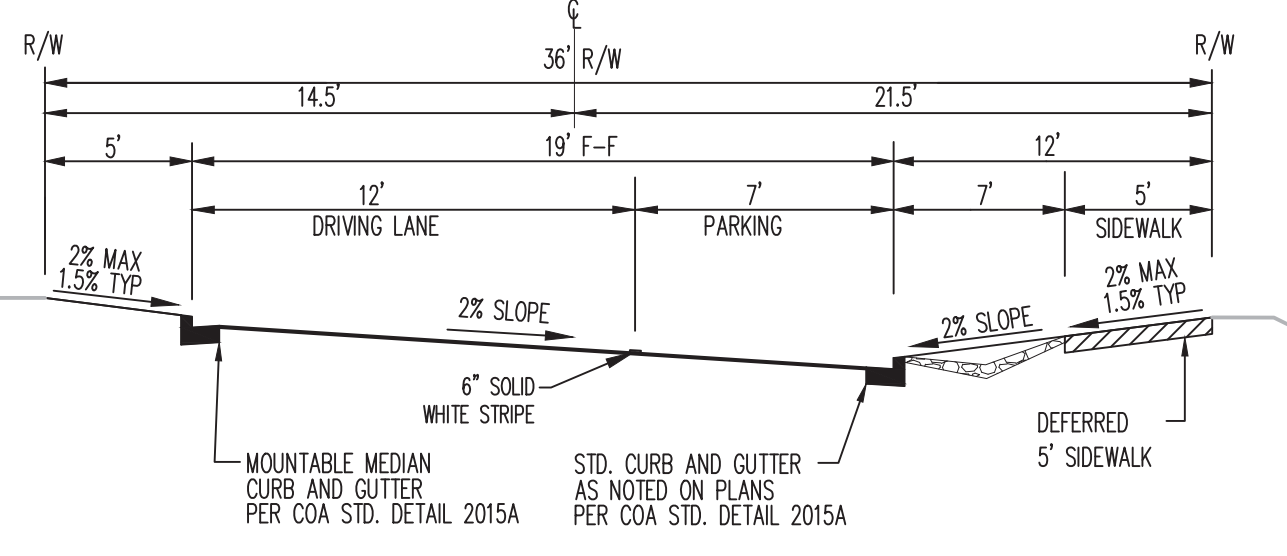
SECTION A-A
TYPICAL TEMPORARY BERM
NOT TO SCALE



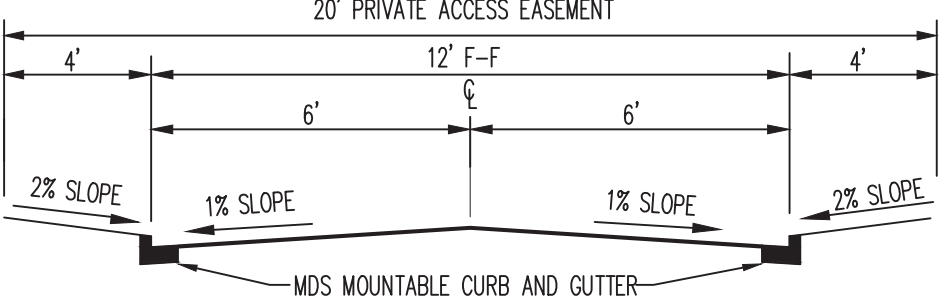
RESIDENTIAL PARKWAY CONNECTOR - 66' ROW
NOT TO SCALE
(REFERENCE STREET SECTION 2C PER LEVEL A MASTER PLAN)



RESIDENTIAL LOCAL STREET - 52' ROW
NOT TO SCALE
(REFERENCE STREET SECTION 3C PER LEVEL A MASTER PLAN)



RESIDENTIAL LOCAL ONE-WAY
WITH PARK FRONTAGE - 36' ROW
NOT TO SCALE
(REFERENCE STREET SECTION 3E PER LEVEL A MASTER PLAN)



ALLEY TRACT - 20' PRIVATE ACCESS EASEMENT
NOT TO SCALE
(REFERENCE STREET SECTION 4A PER LEVEL A MASTER PLAN)

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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

MESA DEL SOL MONTAGE UNIT 3B

GRADING AND EROSION CONTROL PLAN DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
775782	R-15,16 S-15,16	6R	7

REVISED SHEET 6R FOR POND-3 AS-BUILT INFORMATION