

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

July 25, 2019

Mark Goodwin, P.E.
Mark Goodwin & Associates
PO Box 90606
Albuquerque, NM 87199

RE: **Juan Tabo Hills Estates**

- **Lots 1P1-8P1, Block 1;**
- **Lots 1P1-13P1 Block 2;**
- **Lots 1P1-8P1 Block 3;**
- **Lots 29P1-32P1 Block 3;**
- **Lots 1-4, Block 11**
- **Lots 5P1-16P1 Block 11**

Engineer's Certification – Accepted

Revised Grading Plan Stamp Date: 9/7/18

Certification Dated: 7/23/19

Hydrology File- M21D018; DRB# 1005278

PO Box 1293

Albuquerque

Dear Mr. Goodwin:

Based on the submittal received on 7/23/19, the above referenced Pad Certifications are accepted for Building Permit.

NM 87103

Please note that these lots are within the Prudent Line developed by Leedshill-Herkenhoff, 1990 (*Tijeras Arroyo DMP Phase II*). Home construction is not recommended within the Prudent Line until the Bank Protection is in place and accepted by AMAFCA and the City. If the Developer decides to build on these lots he does so at his own risk and against the recommendation of City Hydrology.

www.cabq.gov

Prior to Pad Certification for Lots 33P1 and 34P1, Block 3, the common retaining wall must be constructed and certified. If you have any questions, you can contact me at 924-3695 or dpeterson@cabq.gov.

Sincerely,

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



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: Juan Tabo Hills Estates Building Permit #: _____ Hydrology File #: M-21/D018

DRB#: PR-2018-01388 (1005278) EPC#: _____ Work Order#: _____

Legal Description: LOTS 1-P1 THRU 8-P1, BLOCK 1, LOTS 1-P1 THRU LOTS 13-P1 BLOCK 2, LOTS 1-P1 THRU 8-P1, BLOCK 3, LOTS 29-P1 THRU 34-P1, BLOCK 3, LOTS 1-P1 THRU 4-P1, BLOCK 11, AND LOTS 5-P1 THRU 16-P1, BLOCK 11

City Address: Juan Tabo and Tijeras Arroyo

Applicant: Eastside Development, Inc. Contact: Rex Wilson

Address: PO BOX 9470, Albuquerque, NM 87119

Phone#: 899-6768 Fax#: _____ E-mail: rwr2d2@aol.com

Other Contact: Mark Goodwin & Associates, PA Contact: Mark Goodwin

Address: PO BOX 90606, Albuquerque, NM 87199

Phone#: 828.2200 Fax#: _____ E-mail: mark@goodwinengineers.com

TYPE OF DEVELOPMENT: 49 PLAT (# of lots) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE _____

IS THIS A RESUBMITTAL? _____ Yes ☒ No

DEPARTMENT _____ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

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

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

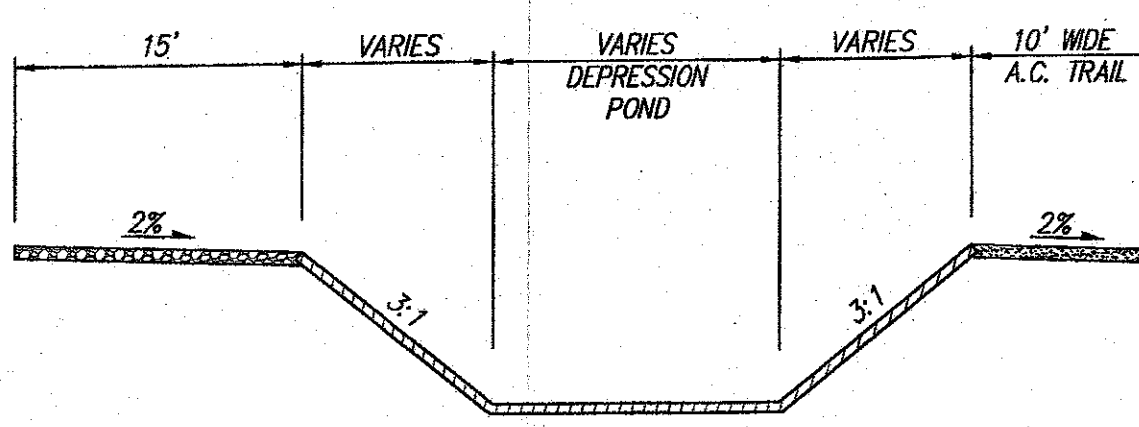
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL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

DATE SUBMITTED: July 22, 2019 By: Mark Goodwin, PE

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____



TYPICAL DEPRESSION POND DETAIL
(DEPRESSION POND #1, #2, #3, #4A & #4B) NOT TO SCALE

DEPRESSION POND #1
VOL (100 yd) REQ'D = 3354 C.F.
VOL (PROVIDED) = 3354 C.F.
DEPTH = 3"
SIDE SLOPE = 3:1
TOP POND = 27.00
BOTTOM POND = 26.33

DEPRESSION POND #2
VOL (100 yd) REQ'D = 4617 C.F.
VOL (PROVIDED) = 4617 C.F.
DEPTH = 3"
SIDE SLOPE = 3:1
TOP POND = 18.20
BOTTOM POND = 17.95

AMAFCA MAINTENANCE ROAD
(SEE DETAIL ON SHEET 1)

96" PIPE PENETRATION RIP RAP
STILLING BASIN TYPE VI (D₅₀=2)

SCALE: 1" = 50'

Notes: Engineer
Fill Extends
from Subback
to Subback
Except for
Loops



GRADING AND DRAINAGE CERTIFICATION
I, MARK GOODWIN, ENGINEER, OF THE FIRM MARK GOODWIN & ASSOCIATES, P.A., A PROFESSIONAL CORPORATION, LICENSED UNDER THE PROFESSIONAL ENGINEERING ACT, CHARTERED BY THE LEGISLATURE OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT I HAVE REVIEWED THE GRADING AND DRAINAGE PLAN FOR THE PROJECT DESCRIBED HEREIN, AND THAT THE SAME COMPLY WITH THE REQUIREMENTS OF THE PROFESSIONAL ENGINEERING ACT AND THE RULES AND REGULATIONS OF THE BOARD OF ENGINEERING, ARCHITECTURE AND LAND SURVEYING, STATE OF NEW MEXICO. I HAVE BEEN GRANTED AND WILL DRINK IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED SEPTEMBER 1, 2018. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL PLAN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL ENGINEERING ACT AND THE RULES AND REGULATIONS OF THE BOARD OF ENGINEERING, ARCHITECTURE AND LAND SURVEYING, STATE OF NEW MEXICO. THIS CERTIFICATION IS VALID FOR THE PROJECT DESCRIBED HEREIN AND IS NOT VALID FOR ANY OTHER PROJECTS. THE RECORD INFORMATION PRESENTED HEREIN IS NOT NECESSARY AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE 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 PURPOSES.

GRADING AND DRAINAGE CERTIFICATION

JUAN TABO HILLS ESTATES
GRADING & DRAINAGE PLAN

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 826-2200, FAX (505) 797-9539

CITY PROJECT NO. ZONE MAP NO. SHEET OF
M-21-Z 2 10

REVISIONS	
NO.	DATE
1	01/17
2	01/17
3	01/17

REMARKS	
DESIGNED BY	JDH
DRAWN BY	ACH
CHECKED BY	DMG

SURVEY INFORMATION	
NO.	DATE
1	01/17
2	01/17
3	01/17

BENCH MARKS	
CONTRACTOR	DATE

AS BUILT INFORMATION	
CONTRACTOR	DATE

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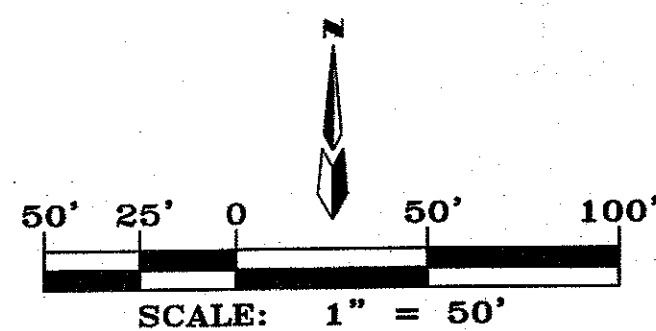
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DEPRESSION POND #4A
VOL (100 yr) REQ'D = 2113 C.F.
VOL (PROVIDED) = 2463 C.F.
DEPTH = 6"
SIDE SLOPE = 3:1
TOP POND = 105.50
BOTTOM POND = 105.00

DEPRESSION POND #4B
VOL (100 yr) REQ'D = 2113 C.F.
VOL (PROVIDED) = 2944 C.F.
DEPTH = 6"
SIDE SLOPE = 3:1
TOP POND = 97.20
BOTTOM POND = 96.70



**AMAFCA MAINTENANCE ROAD
(SEE DETAIL ON SHEET 1)**

Note: Engineered Fill
Extends from Setback
to Setback Except for
Lots 1-4, Bl. 16.

TRACT B-2
JUAN TABO HILLS WEST
(11/04/2011, 2011G-119)

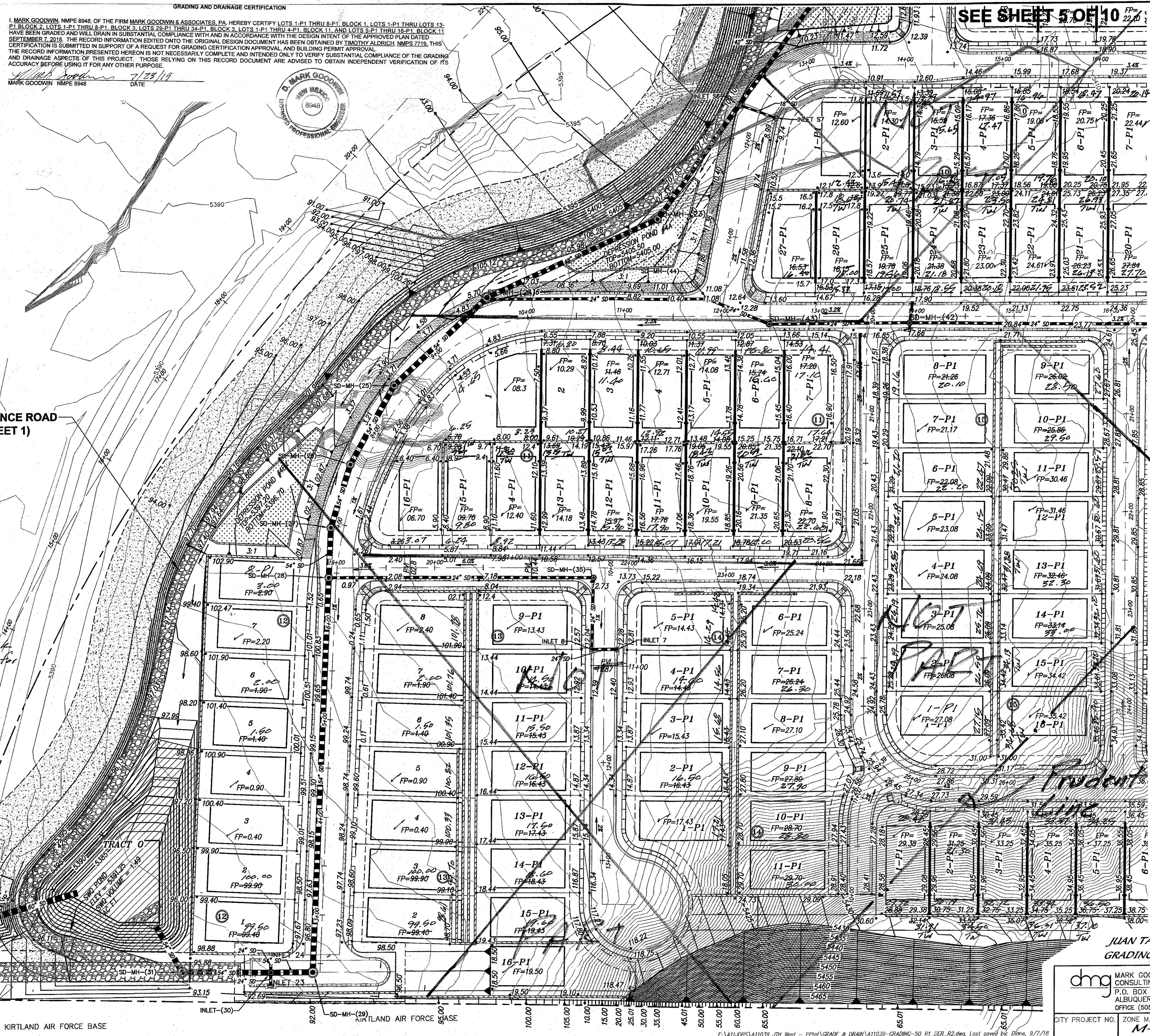
TRACT B-2
JUAN TABO HILLS WEST
(11/04/2011, 2011C-119)

KIRTLAND AIR FORCE BASE

MARK GOODWIN NMPE 6940, OF THE FIRM MARK GOODWIN & ASSOCIATES, P.A. HEREBY CERTIFY THAT I-P1 THRU R-P1, BLOCK 1, LOTS 1-P1 THRU LOTS 13, P1 BLOCK 2, LOTS 1-P1 THRU R-P1, BLOCK 3, LOTS 2-P1 THRU LOTS 1-P1 THRU A-P1, BLOCK 11, LOTS 5-P1 THRU LOTS 1-P1 THRU LOTS 13, HAVE BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 11/15/16. THE INFORMATION PRESENTED HEREON IS BASED ON THE GRADING CERTIFICATION APPROVED BY THE TOWN OF WESTPORT, MASSACHUSETTS. THE CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR A GRADING CERTIFICATION APPROVAL. A RECORD COPY OF THE APPROVED PLAN DATED 11/15/16 IS ON FILE AT THE TOWN OF WESTPORT, MASSACHUSETTS. THE INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THE INFORMATION ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF THE ACCORD BEFORE USING IT FOR ANY OTHER PURPOSE.

7/23/18

MARK GOODWIN NMPE 6940 DATE



*JUAN TABO HILLS ESTATES
GRADING & DRAINAGE PLAN*

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9531

CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
	<i>M-21-Z</i>	<i>4 1</i>

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		ACS BUILT INFORMATION	

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F:\ALLWORKS\111039_1TH West - PPlot\GRADE & DRAIN\111039-GRADING-50 R1.DER R2.dwg, Last saved by: Diane, 9/7/1