CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



June 28, 2022

David Soule, P.E. Rio Grande Engineering PO Box 93924 Albuquerque, NM 87199

RE: 4917 Tally Ho

4917 Tally Ho

Grading and Drainage Plan Engineer's Stamp Date: 6/14/22 Hydrology File: A12D033

Dear Mr. Soule:

Based upon the information provided in your submittal received 6/14/22, the Grading & Drainage Plan is approved for Grading and Building Permit for the proposed pool.

As a reminder, if the project total area of disturbance (including the staging area and any work

within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the

Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to

Albuquerque any earth disturbance.

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

NM 87103

Sincerely,

www.cabq.gov

David G. Gutierrez, P.E. Senior Engineer, Hydrology

Die Gul

Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 4917 TALLY HO	ject Title: 4917 TALLY HO Building Permit #:		Hydrole	Hydrology File #:	
RB#: EPC#:		Work (Work Order#:		
Legal Description: LOT 53 BLOCK	18 PARDISE	HEIGHTS UN	IT 1		
City Address: 4917 TALLY HO					
Applicant:			Contact:		
Address:					
Phone#:	_ Fax#:		E-mail: _		
Other Contact: RIO GRANDE ENGINE Address: PO BOX 93924 ALB NM			Contact:	DAVID SOULE	
Phone#: 505.321.9099	This was	2.0999	E-mail: da	avid@riograndeengineering.com	
TYPE OF DEVELOPMENT: PLAT					
Check all that Apply:					
DEPARTMENT: X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION		TYPE OF APPRO	PERMIT APPR		
TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN X GRADING PLAN	N	PRELIMINA SITE PLAN SITE PLAN FINAL PLA	FOR SUB'D A FOR BLDG. P	APPROVAL ERMIT APPROVAL	
DRAINAGE REPORT DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMIT APPLIC ELEVATION CERTIFICATE CLOMR/LOMR		SIA/ RELEASE OF FINANCIAL GUARANTEE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL SO-19 APPROVAL			
TRAFFIC CIRCULATION LAYOUT (TCL TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING?	-	PAVING PE GRADING/ WORK ORD CLOMR/LO FLOODPLA	PAD CERTIFI ER APPROVAL MR	CATION ,	
IS THIS A RESUBMITTAL?: X Yes N	o				
DATE SUBMITTED:					
COA STAFF:	ELECTRONIC SU	BMITTAL RECEIVED:_			

Weighted E Method **TALLY HO** 100-Year, 6-hr. Area | Area | Treatment A | Treatment B | Treatment C | Treatment D Weighted | Volume (acres) % (acres) % (acres) % (acres) % (acres) (ac-ft) (ac-ft) PROPOSED 0.000 total , www..... Weighted E = Ea*Aa + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area) Volume = Weighted D * Total Area ADDED POOL, DECK AND HOT TUB, **UPDATED CALCULATIONS** Flow = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad Where for 100-year, 6-hour storm- zone 1 Qa= 1.29 Eb= 0.67 Qb= 2.03 Ec= 0.99 Qc= 2.87 Qd= 4.37 Ed= 1.97 **ONSITE Conditions** REQUIRED PROVIDED STORM WATER VOLUM - 275 - 412 391 Narrative This site is an addition to an existing structure within an fully developed subdivision. The existing lots all free discahrge. The majority of the house and driveway drains to the roadway. The majority of the lot and the area of proposed improvement drain the the soutwest corner. The plan will maintain existing patterns and retain the increas in the developed flow generated by the improvments as calculated for the 100-year, 10-day volume. The pond will overflow to the historical discharge outfall. Water quality volume generated by the site. Upland flows do not effect the site.

EXIST. RESIDENCE

MATCH EX

ADDITION

NEW HOT TUB

PATIO 1% SLOPE

EXIST!PATIO

TO SOUTH

EXIST. SHED

INSTALL 1" WIDE -

INV OUT=5271.25

POOL DECK TRENCH DRAIN

NEW POOL WITH

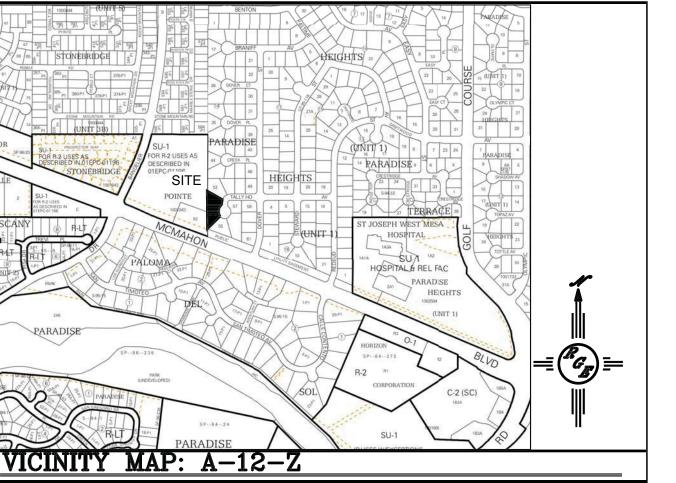
4' PERIMETER

RETENTION POND TOP = 5266.00 BOTTOM = 5265.00 VOLUME = 412CF

DECK

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 ACCEPTANCE OF ANY PROJECT.



No Digital Data Available

DRAWN

 BY DEM

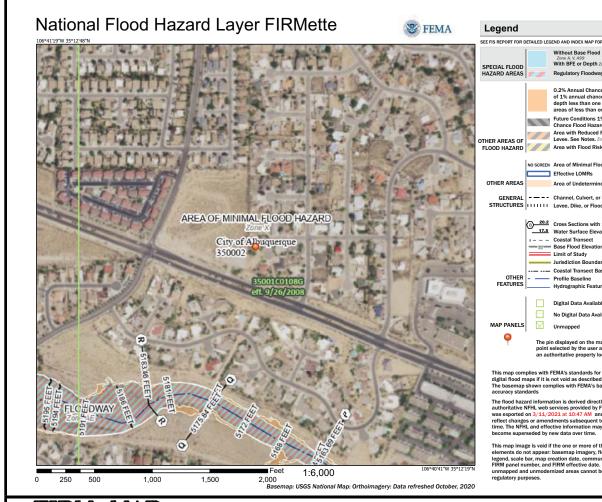
DATE 3-10-21

OT 53 BLOCK 18 PARADISE HTS UNIT.DWG

SHEET#

JOB#

C1



FIRM MAP:

LEGAL DESCRIPTION:

LOT 53 BLOCK 18 PARADISE HEIGHTS UNIT1 CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOTES:

- 1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- 2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- 3. ANY PERIMETER WALLS MUST BE PERMITED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- 4. SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
- 5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING

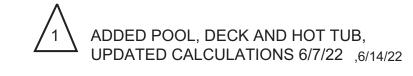
LEGEND

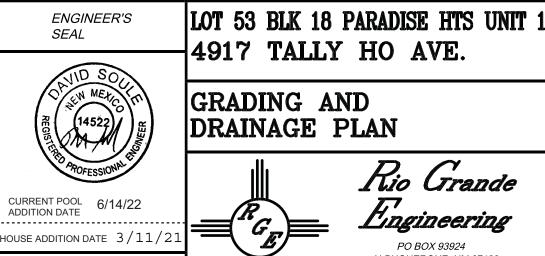
DAVID SOULE P.E. #14522

	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
XXXX -	PROPOSED CONTOUR
XXXX 	PROPOSED INDEX CONTOUR
x XXXX	EXISTING SPOT ELEVATION
● XXXX	PROPOSED SPOT ELEVATION
	BOUNDARY
	ADJACENT BOUNDARY
	EXISTING CURB AND GUTTER
	PROPOSED EARTHEN SWALE

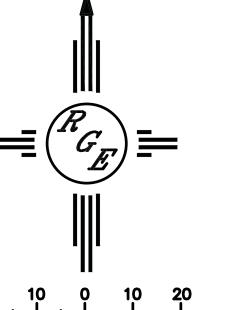
PROPOSED POOL DECK, SLAB AND HOT TUB DECK

SCALE: 1"=20'





Rio Grande Lingineering PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099



HYDROLOGY SECTION

APPROVED

DATE: 6/28/2022

CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.