

CITY OF ALBUQUERQUE



Timothy M. Keller, Mayor

May 8, 2018

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

**RE: Taco Cabana Cottonwood
3801 Seven Bar Loop Rd NW
Request for Permanent C.O. – Accepted
Engineer's Stamp Date: 06/05/17
Engineer's Certification Date: 05/03/18
Hydrology File: B13D025**

PO Box 1293

Dear Mr. Goodwin:

Albuquerque

Based on the Certification received 05/04/18 and site visit on 05/08/18, the site is acceptable for a Permanent Certificate of Occupancy by Hydrology for 3801 Seven Bar Loop Rd NW.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Renée C. Brissette

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____

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

Legal Description: _____

City Address: _____

Engineering Firm: _____ **Contact:** _____

Address: _____

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

Owner: _____ **Contact:** _____

Address: _____

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

Architect: _____ **Contact:** _____

Address: _____

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

Other Contact: _____ **Contact:** _____

Address: _____

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

Check all that Apply:

DEPARTMENT:

- ☐ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ OTHER (SPECIFY) _____

CHECK 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
- ☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

GENERAL NOTES

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- HOME DEPOT SPECIFICATIONS SHALL BE USED FOR ALL WORK ABUTTING CARVE OUT PARCEL.

DRAINAGE NOTES

- PROJECT ENTAILS CONSTRUCTING A NEW BUILDING, PARKING LOT AND LANDSCAPING OVER AN EXISTING PARKING LOT.
- EXISTING DRAINAGE PATTERN IS SHEET FLOW TO AN EXISTING DETENTION POND ON THE NORTH SIDE OF THE EXISTING HOME DEPOT.
- EXISTING IMPERVIOUS AREA = 90%
PROPOSED IMPERVIOUS AREA = 85%

THERE WILL BE A DECREASE IN RUN-OFF TO THE EXISTING POND
- ALL LANDSCAPING AREAS ARE TO BE DEPRESSED BY 6".
- SITE DOES NOT LIE WITHIN A 100 YEAR FLOOD PLAIN.

FIRST FLUSH CALCULATIONS

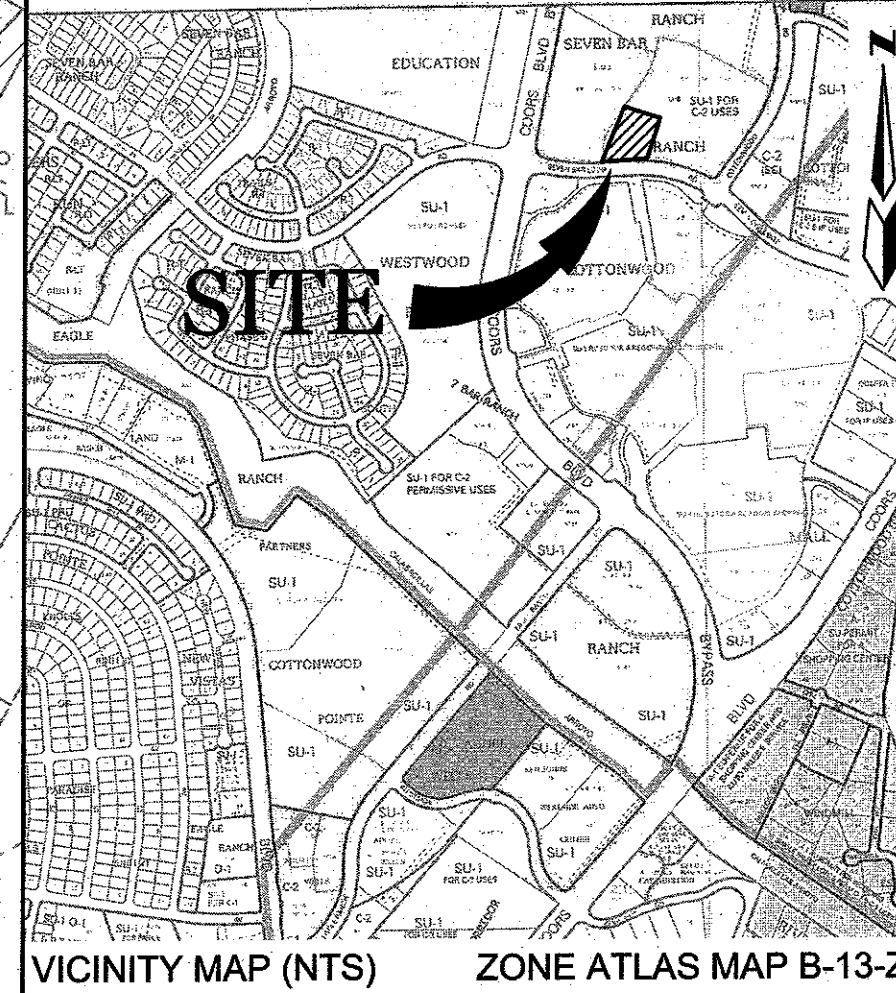
IMPERVIOUS AREA = 37,537.92 SF
FIRST FLUSH VOLUME REQUIRED = $(1A)(0.34)(1/12) =$
 $(35,986 \text{ SF})(0.34)(1/12) = 1019.6 \text{ CF}$
LANDSCAPED AREA = 5,145.4 SF
FIRST FLUSH VOLUME PROVIDED = $(LA)(1/2) =$
 $(5,145 \text{ SF})(1/2) = 509.8 \text{ CF}$

GRADING AND DRAINAGE CERTIFICATION

I, MARK GOODWIN, NMPE 8948, OF THE FIRM MARK GOODWIN & ASSOCIATES, P.A., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED AUGUST 14, 2017. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY TIMOTHY ALDRICH, NMPS 7719, THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR GRADING CERTIFICATION APPROVAL, AND CERTIFICATE OF OCCUPANCY.

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.

MARK GOODWIN NMPE 8948
DATE 5/3/17



LEGAL DESCRIPTION

A TRACT OF LAND SITUATE WITHIN THE TOWN OF ALAMEDA GRANT, PROJECTED SECTION 7, TOWNSHIP 11 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, BEING TRACT M-1-B, SEVEN BAR RANCH.

LEGEND

- EXISTING SANITARY SEWER MANHOLE
- EXISTING CLEANOUT
- EXISTING STORM DRAIN MANHOLE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING SPRINKLER CONTROL VALVE
- EXISTING GAS METER
- EXISTING ELECTRIC TRANSFORMER
- EXISTING ELECTRIC PEDESTAL
- EXISTING TELEPHONE/FIBER OPTIC MANHOLE
- EXISTING TELEPHONE/FIBER OPTIC PEDESTAL
- EXISTING TELEPHONE/FIBER OPTIC MARKER-UG
- EXISTING CABLE TV PEDESTAL
- EXISTING LIGHT POLE
- EXISTING TRAFFIC SIGNAL PULLBOX
- EXISTING UTILITY PULLBOX
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- NEW SWALE
- FF=58.00 NEW FINISHED FLOOR ELEVATION
- NEW TOP OF CURB ELEVATION
- NEW FLOWLINE ELEVATION
- NEW SPOT ELEVATIONS
- NEW FLOW DIRECTION

AS THE ENGINEER OF RECORD, I HEREBY CERTIFY THAT THE TACO CABANA SITE WILL NOT INCREASE THE STORMWATER RUNOFF INTO THE EXISTING STORMWATER SYSTEM.

MARK GOODWIN, N.M.P.E. #8948 DATE

dmg 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
PUBLIC WORKS DEPARTMENT

TITLE: TACO CABANA @ COTTONWOOD
GRADING & DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. ZONE MAP NO. B-13-Z SHEET 1 OF 1

