

CITY OF ALBUQUERQUE



February 21, 2017

Richard J. Berry, Mayor

Joe Cross, P.E.
Select Engineering Services
1544 N. Woodland Park Blvd
Layton, Utah 84041

RE: **Wienerschnitzel**
2551 Corona Dr. NW
Request Permanent C.O. - Accepted
Engineer's Stamp Date 5-10-16 (File: H11D069)
Certification date: 11-10-16

Dear Mr. Cross:

Based on the Certification received 11/14/2016, the site is acceptable for permanent release of Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3986 or Totten Elliott at 924-3982.

Sincerely,

Shahab Biazar, P.E.
City Engineer, Planning Dept.
Development Review Services

TE/SB

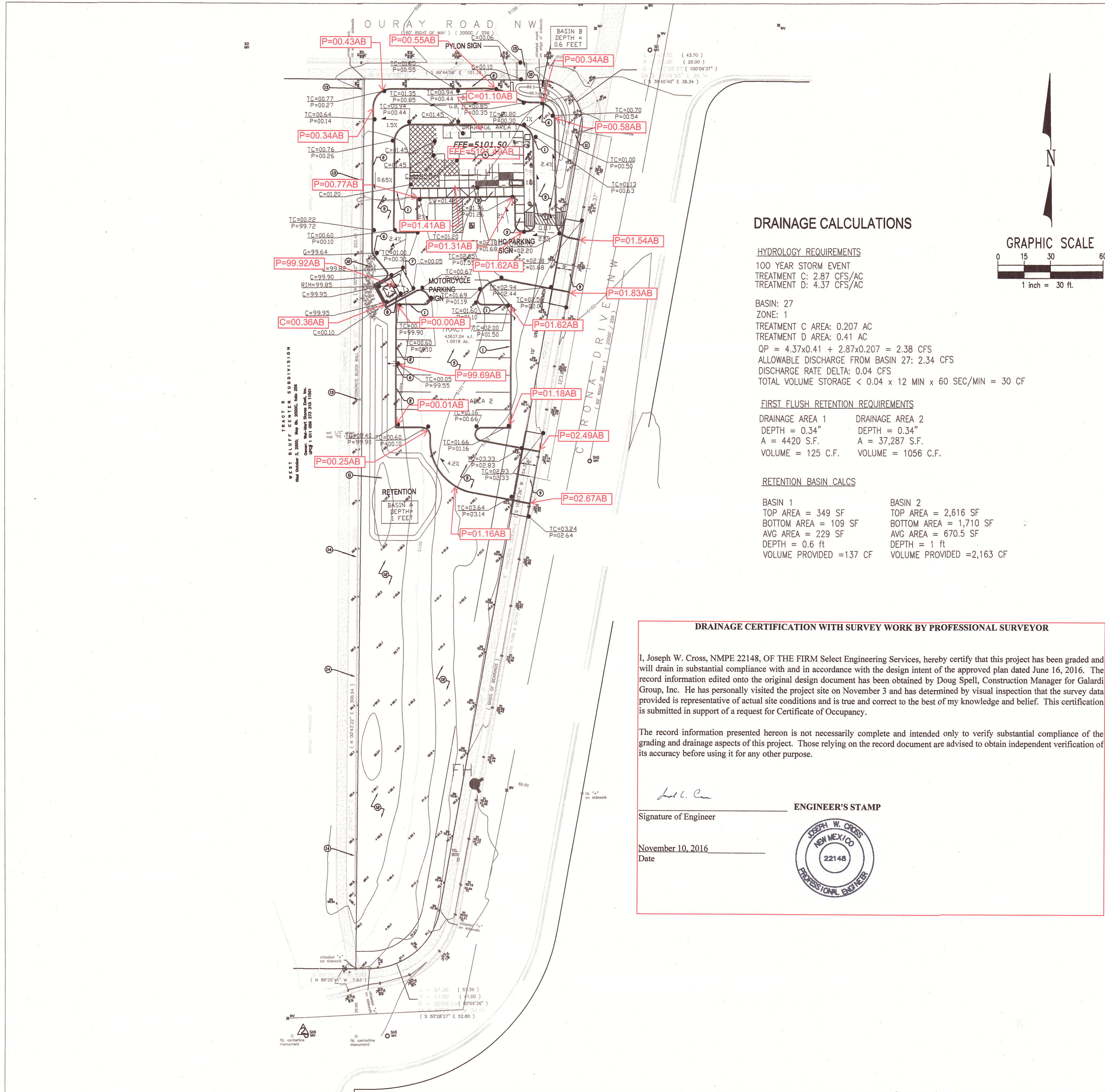
C: email, Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Blocker,
Lois

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov



DRAINAGE CALCULATIONS

HYDROLOGY REQUIREMENTS
100 YEAR STORM EVENT
TREATMENT C: 2.87 CFS/AC
TREATMENT D: 4.37 CFS/AC

BASIN: 27
ZONE: 1
TREATMENT C AREA: 0.207 AC
TREATMENT D AREA: 0.41 AC
QP = 4.37x0.41 + 2.87x0.207 = 2.38 CFS
ALLOWABLE DISCHARGE FROM BASIN 27: 2.34 CFS
DISCHARGE RATE DELTA: 0.04 CFS
TOTAL VOLUME STORAGE < 0.04 x 12 MIN x 60 SEC/MIN = 30 CF

FIRST FLUSH RETENTION REQUIREMENTS
DRAINAGE AREA 1 DRAINAGE AREA 2
DEPTH = 0.34" DEPTH = 0.34"
A = 4420 S.F. A = 37,287 S.F.
VOLUME = 125 C.F. VOLUME = 1056 C.F.

RETENTION BASIN CALCS
BASIN 1 BASIN 2
TOP AREA = 349 SF TOP AREA = 2,616 SF
BOTTOM AREA = 109 SF BOTTOM AREA = 1,710 SF
AVG AREA = 229 SF AVG AREA = 670.5 SF
DEPTH = 0.6 ft DEPTH = 1 ft
VOLUME PROVIDED = 137 CF VOLUME PROVIDED = 2,163 CF

DRAINAGE CERTIFICATION WITH SURVEY WORK BY PROFESSIONAL SURVEYOR

I, Joseph W. Cross, NMPE 22148, OF THE FIRM Select Engineering Services, 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 June 16, 2016. The record information edited onto the original design document has been obtained by Doug Spell, Construction Manager for Galardi Group, Inc. He has personally visited the project site on November 3 and has 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 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 the record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

Signature of Engineer

November 10, 2016
Date

ENGINEER'S STAMP



GRADING NOTES

1. CONSTRUCT NEW 6" CONCRETE SINGLE CURB PER DETAIL SHEET C-5.
2. CONSTRUCT NEW 6" CONCRETE CURB AND GUTTER PER DETAIL SHEET C-5.
3. CONSTRUCT NEW 5' WIDE SIDEWALK PER DETAIL SHEET C-5.
4. PREPARE NEW BUILDING PAD PER GEOTECHNICAL REPORT RECOMMENDATIONS. REFER TO ARCHITECTURAL PLANS FOR BUILDING SLAB AND GRANULAR BASE THICKNESS.
5. GRADE SITE TO PROPOSED ELEVATIONS, PREPARE SUBGRADE AND CONSTRUCT NEW REGULAR DUTY ASPHALT PAVEMENT SECTION PER GEOTECHNICAL REPORT RECOMMENDATIONS
6. CONSTRUCT NEW 3' WIDE OPENING IN CURB.
7. CONSTRUCT NEW 6" THICK PORTLAND CEMENT CONCRETE PAVEMENT OVER COMPACTED SUBGRADE AND ABC COURSE PER GEOTECHNICAL REPORT RECOMMENDATIONS.
8. CONSTRUCT NEW TRASH ENCLOSURE PER DETAIL ON ARCHITECTURAL SHEETS.
9. CONSTRUCT NEW CONCRETE COMMERCIAL DRIVEWAY PER CITY OF ALBUQUERQUE STANDARD DETAIL 2425.
10. CONSTRUCT NEW RIVER ROCK SPILLWAY. STONES SHALL BE 6"-8" DIA. AND SHALL BE PLACED NEATLY TO FORM A 6' WIDE 6" DEEP SPILLWAY FROM THE CURBOPENING EXTENDING 5' ALONG THE BOTTOM OF BASIN. SPILLWAY SHALL BE GRADED TO DRAIN FROM PAVEMENT ELEVATION AT CURB OPENING TO BOTTOM OF BASIN.
11. CONSTRUCT NEW DETENTION BASIN WITH 4:1 SIDESLOPES. SIDES AND BOTTOM OF BASIN SHALL BE GRADED SMOOTH. SEE LANDSCAPE PLAN FOR IRRIGATION AND TURF REQUIREMENTS.
12. PROPERTY SOUTH OF PARKING LOT AND RETENTION BASIN SHALL REMAIN UNDISTURBED.
13. CONTRACTOR SHALL REMOVE SCREENWALL NORTH OF THE SOUTHERNMOST RETENTION BASIN.
14. CONTRACTOR SHALL LEAVE SCREENWALL INTACT SOUTH OF THE SOUTHERNMOST RETENTION BASIN.
15. CONTRACTOR SHALL CONSTRUCT NEW SIDEWALK CULVERT WITH STEEL PLATE TOP PER ALBUQUERQUE STANDARD DETAIL 2236.

BENCHMARK:

ACS STA. 12-H11 ELEV. 5104.854 NAVD 88
LOCATED IN TRAFFIC ISLAND. SE QUADRANT OF
INTERSECTION OF QUAIL ROAD AND COORS BOULEVARD,
NW
TBM
CENTERLINE MONUMENT, S. OF TRACT ELEV 5100.70

PRIVATE DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY
NOTICE TO CONTRACTOR
(SPECIAL ORDER 19 ~ "SO-19")

1. AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, DIAL "811" [OR (505) 260-1990] FOR THE LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
8. CONTRACTOR MUST CONTACT JASON RODRIGUEZ AT 235-8016 AND CONSTRUCTION COORDINATION AT 924-3416 TO SCHEDULE AN INSPECTION.

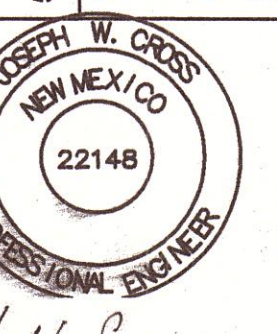
STREET MAINTENANCE INSPECTOR
APPROVAL

City of Albuquerque
Building & Safety
JUN 30 2016
I.B.C.
Plan Check Section

GRADING PLAN

5/10/2016

WIENERSCHNITZEL
ALBUQUERQUE WESTBLUFF NM
OURAY ROAD AND CORONA DRIVE



PROJECT NO.

15-01-09

SHEET NUMBER

C-2

REVISION DESCRIPTION

DATE

DRAFTED BY: JWC

DESIGNED BY: SES

CHECKED BY: JWC

SELECT ENGINEERING SERVICES
1544 Woodland Park Dr. Suite 310
Layton, Utah 84041
Phone: (801) 399-1868 Fax: (801) 399-1863

SES

THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROVIDED FOR YOUR INFORMATION ONLY. NO OTHER RIGHTS ARE RESERVED INCLUDING COPYRIGHT.



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: Wienerschnitzel **Building Permit #:** T201690883 **City Drainage #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: Tract 7 of West Bluff Center Subdivision, City of Albuquerque, Bernalillo County, New Mexico
City Address: 2551 Corona Dr. NW Albuquerque, NM

Engineering Firm: Select Engineering Services **Contact:** Joe Cross
Address: 1544 N. Woodland Park Blvd Ste 310
Phone#: 801-391-2391 **Fax#:** 801-399-1863 **E-mail:** joe.cross@sesincusa.com

Owner: Galardi Group **Contact:** Geoff Ingles
Address: 7700 Irvine Center Dr. Ste 550 Irvine, CA 92618
Phone#: 949-892-2639 **Fax#:** _____ **E-mail:** gingles@galardigroup.com

Architect: NCA Partners **Contact:** Kyle Bruns
Address: 5646 Milton St., Ste 610 Dallas TX 75206
Phone#: 214-361-9901x102 **Fax#:** 214-361-9906 **E-mail:** Kyle@ncapartners.com

Other Contact: Earthwork Engineering Group, LLC **Contact:** Dylan Guilbault
Address: 7901 Lorraine Ct. NE Albuquerque, NM 87113
Phone#: 505-899-4886 **Fax#:** _____ **E-mail:** eegschedule@spinn.net

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) _____

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

DATE SUBMITTED: October 26 2016 **By:** Joe Cross

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) _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____