

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

August 11, 2023

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

**RE: Central Mercado
201 San Pedro SE
Permanent C.O. – Accepted
Engineer's Certification Date: 08/03/23
Engineer's Stamp Date: 06/11/21
Hydrology File: K18D111**

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 08/04/2023 and site visit on 08/11/2023, this letter serves as a "green tag" from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

Albuquerque

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 6/2018)

Project Title: CENTRAL MERCADO CC **Building Permit #:** _____ **Hydrology File #:** _____

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

Legal Description: LOT 4-B CENTRAL MERCADO

City Address: 201 SAN PEDRO SE

Applicant: PETERSON PROPERTIES

Contact: _____

Address: _____

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

Other Contact: RIO GRANDE ENGINEERING

Contact: DAVID SOULE

Address: PO BOX 93924 ALB NM 87199

Phone#: 505.321.9099 **Fax#:** 505.872.0999 **E-mail:** david@riograndeengineering.com

TYPE OF DEVELOPMENT: _____ PLAT _____ RESIDENCE _____ DRB SITE ☒ ADMIN SITE

Check all that Apply:

DEPARTMENT:

☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY

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?

☐ 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) _____

IS THIS A RESUBMITTAL?: _____ Yes ☒ No

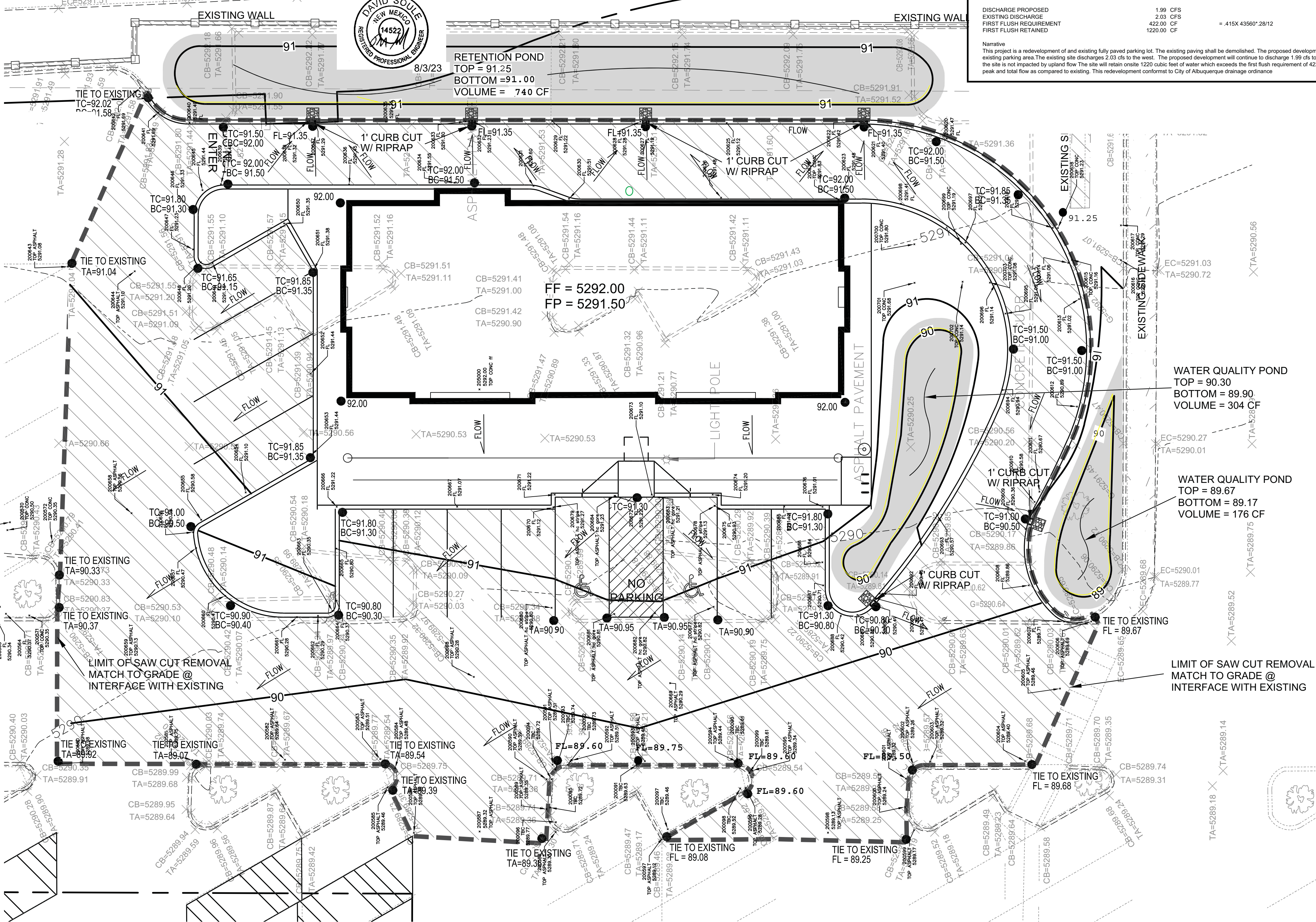
DATE SUBMITTED: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

I David Soule, NMPE 14522, of the firm Rio Grande Engineering, 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 6/11/21. The record information edited on the original design document has performed by me or under my direct supervision and is true and correct to the best of my knowledge and belief. The as-built survey was provided by Brian Martinez, NMRPS 18374. The certification is submitted in support of a request for PERMANENT CERTIFICATE OF OCCUPANCY. The record information presented heron 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

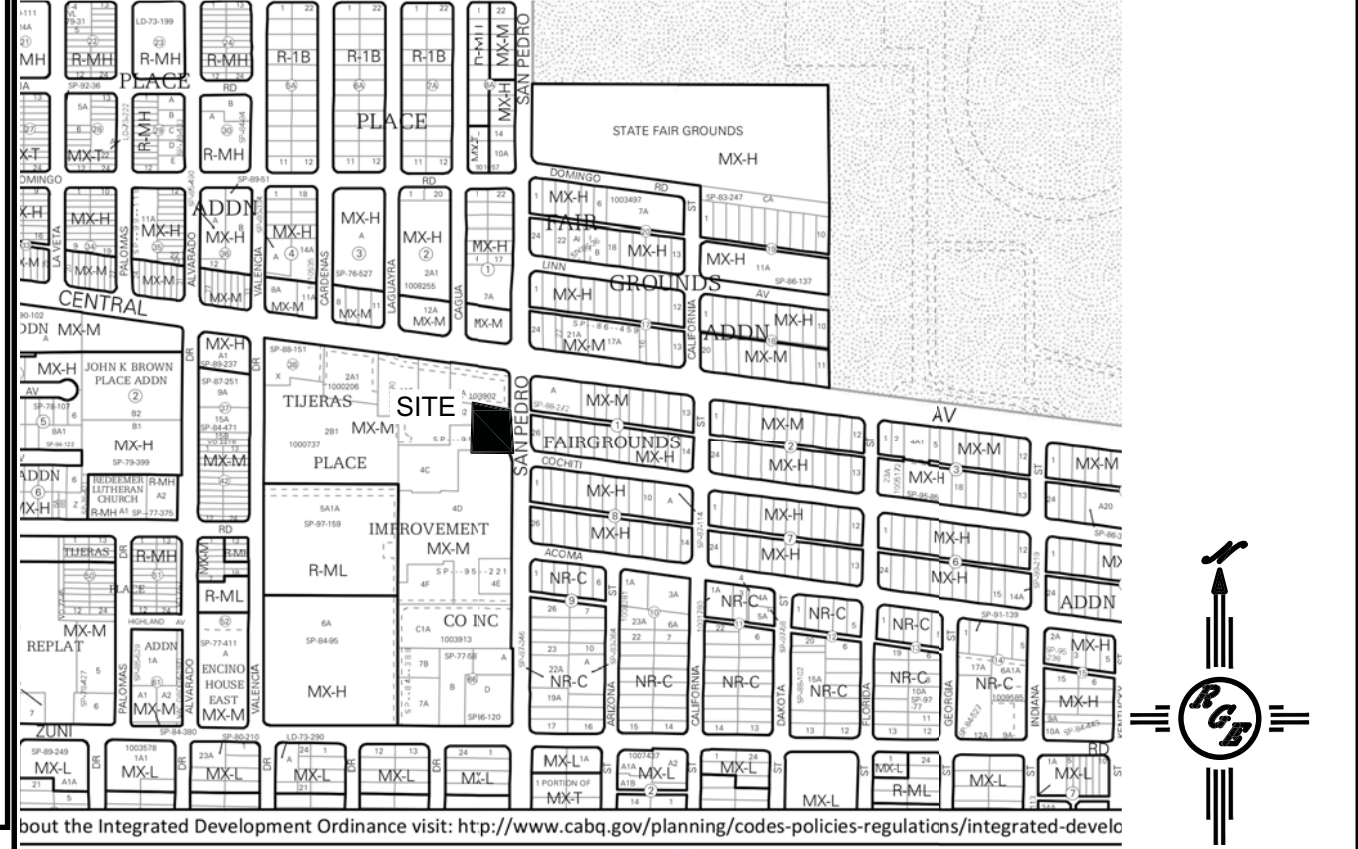


Weighted E Method

Existing and Developed Basins									
Basin	Area (sf)	Area (acres)	Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs
EXISTING	2238	0.513	0%	0%	0.000	13.0%	0.0664	0%	2.03
PROPOSED	2238	0.513	0%	0%	0.000	19.0%	0.09735	81%	2.297
							0.415	0.098	2.99

Equations:
Weighted E = Ea* Aa + Eb* Ab + Ec* Ac + Ed* Ad / (Total Area)
Volume = Weighted E * Total Area
Flow = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad
Where for 100-year, 6-hour storm (zone 3):
Ea= 0.67
Eb= 0.86
Ec= 1.09
Ed= 2.58
Qa= 1.54
Qb= 2.16
Qc= 2.87
Qd= 4.12
DISCHARGE PROPOSED: 1.99 CFS
EXISTING DISCHARGE: 2.03 CFS
FIRST FLUSH REQUIREMENT: 422.00 CF
FIRST FLUSH RETAINED: 1220.00 CF
= .415X 43560' 28/12

Narrative
This project is a redevelopment of an existing fully paved parking lot. The existing paving shall be demolished. The proposed development is a single drive thru restaurant within existing parking area. The existing site discharges 2.03 cfs to the west. The proposed development will continue to discharge 1.99 cfs to the west. The site is not impacted by upland flow. The site will retain onsite 1220 cubic feet of water which exceeds the first flush requirement of 422 cubic feet. The site developments will red peak and total flow as compared to existing. This redevelopment conforms to City of Albuquerque drainage ordinance



VICINITY MAP: K-18-Z

National Flood Hazard Layer FIRMette



FIRM MAP:

LEGAL DESCRIPTION:

LOT 4-B CENTRAL MERCADO
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOTES:

- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.

LEGEND

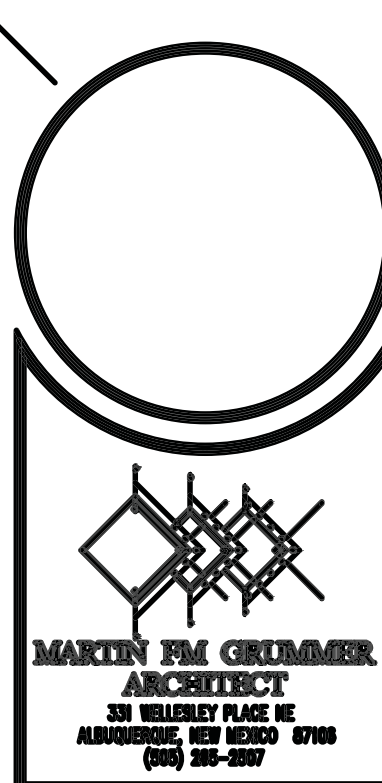
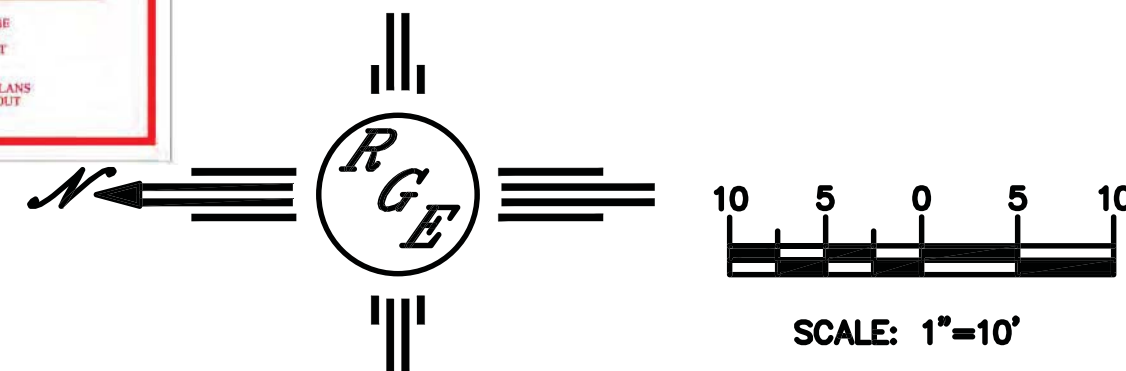
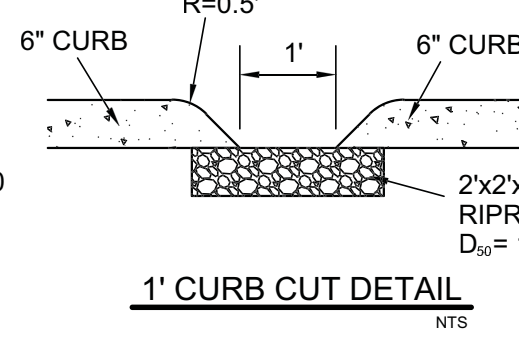
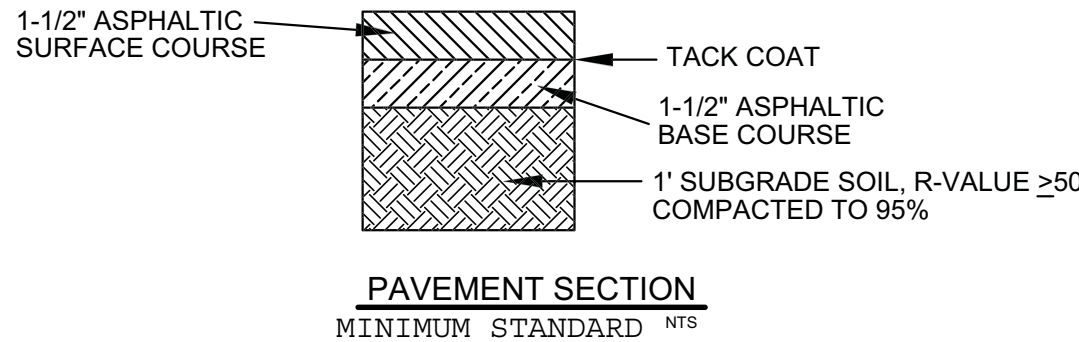
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED TOP OF CUB ELEVATION
- PROPOSED BOTTOM OF CUB ELEVATION
- PROPOSED TOP OF ASPHALT ELEVATION
- PROPOSED FLOWLINE ELEVATION
- PROPOSED DRAINAGE FLOW DIRECTION
- BOUNDARY
- EXISTING EASEMENT
- EXISTING CURB AND GUTTER
- LIMIT OF SAW CUT REMOVAL
- PROPOSED PONDING AREA
- PROPOSED ASPHALT SEE PAVEMENT SECTION

EROSION CONTROL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

CAUTION:

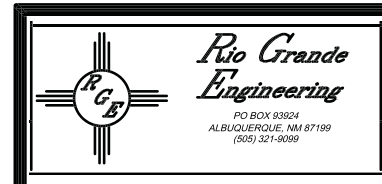
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.



CENTRAL MERCADO BLDG CC
CENTRAL & SAN PEDRO SE
ALBUQUERQUE, NM 87108
LOT 4-B CENTRAL MERCADO
201, 301 SAN PEDRO DR. SE

DATE:	9 JUNE 2021
DRAWN BY:	DEM
CHECKED BY:	DS
VERIFIED BY:	DS

REVISIONS



SHEET NO:
C-2