

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

October 3, 2018

Robert Fierro, P.E.
Fierro & Company
5508 Costa Uerde Rd. NW
Albuquerque, NM, 87120

**RE: Yale Retail & Apartments
416 Yale Blvd SE
Grading and Drainage Plan
Engineer's Stamp Date: 09/26/18
Hydrology File: K16D011**

Dear Mr. Fierro:

PO Box 1293

Based upon the information provided in your resubmittal received 09/27/2018, the Grading and Drainage Plan is approved for Building Permit and SO-19 Permit.

Albuquerque

Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter. Prior to approval in support of Permanent Release of Occupancy by Hydrology, Engineer Certification per the DPM checklist will be required.

NM 87103

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

www.cabq.gov

Sincerely,

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) _____

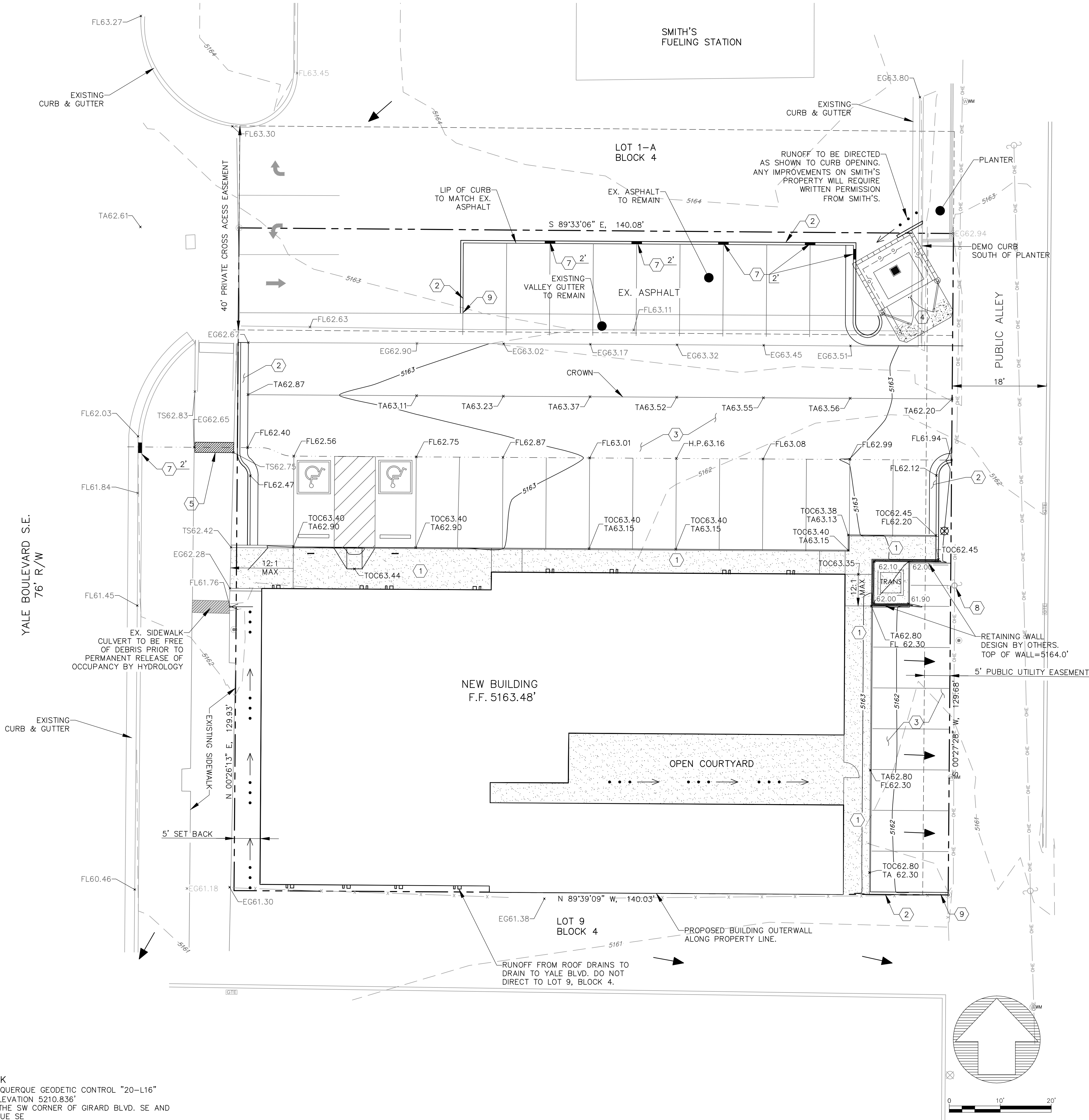
IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

\\Seagate-4004ED\Public\PROJECTS\2018\18026\CADD\PROJECTS\18026-GD.dwg 9/26/2018 4:46:18 PM

BENCH MARK
CITY OF ALBUQUERQUE GEODETIC CONTROL "20-L16"
NAVD 1988 ELEVATION 5210.836'
LOCATED AT THE SW CORNER OF GIRARD BLVD. SE AND
BURTON AVENUE SE



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 may be required on a 24-hour basis.
8. Contractor must contact Jason Rodriguez at 235-8016 and Construction Coordination at 924-3416 to schedule an inspection.

GENERAL GRADING NOTES:

1. THIS PLAN RECOMMENDS POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES TO PROHIBIT PONDING OF RUNOFF WHICH MAY CAUSE STRUCTURAL SETTLEMENT. FUTURE ALTERATION OF GRADES ADJACENT TO THE PROPOSED STRUCTURES IS NOT RECOMMENDED.
2. PERFORM GRADING AND EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE SPECIFICATIONS, REQUIREMENTS, CODES AND ORDINANCES OF ALBUQUERQUE, NEW MEXICO.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF OR OBTAINING EXCESS CUT OR FILL MATERIAL REQUIRED FOR FINAL GRADE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH NEW MEXICO ONE CALL PRIOR EXCAVATION.
5. DO NOT DEPRESS LANDSCAPING WITHIN 15'-FEET FROM BUILDING FOUNDATION.

KEYED NOTES:

1. CONSTRUCT TURNDOWN SIDEWALK PER DETAIL E7/C-3.
2. CONSTRUCT CURB & GUTTER PER DETAIL E1/C-3.
3. CONSTRUCT ASPHALT PAVEMENT PER DETAIL C1/C-3.
4. CONSTRUCT CONCRETE PER DETAIL G7/C-3.
5. CONSTRUCT 2'-FT. WIDE SIDEWALK CULVERT WITH STEEL PLAT TOP PER COA STD. DWG. 2236.
6. OPTIONAL: CONSTRUCT FRENCH DRAIN DESIGNED BY OTHERS.
7. CONSTRUCT CURB BLOCK OUT FOR SURFACE DRAINAGE.
8. EX. POWER POLE.
9. TRANSITION CURB HEIGHT FROM 6" TO 0" IN 2.0'.

LEGEND

- | | |
|---------|----------------------------|
| --- | PROPERTY BOUNDARY |
| --- | FLOW PATH |
| --- | PROPOSED RETAINING WALL |
| --- | FLOWLINE |
| --- | EXISTING MAJOR CONTOUR |
| --- | EXISTING MINOR CONTOUR |
| --- | PROPOSED MAJOR CONTOUR |
| --- | PROPOSED MINOR CONTOUR |
| FG26.29 | FINISHED GRADE |
| FL | FLOW LINE |
| TA | TOP OF ASPHALT |
| TBC | TOP BACK OF CURB |
| TC | TOP OF CURB |
| TOC | TOP OF CONCRETE |
| TS | TOP OF SIDEWALK |
| TW | TOP OF WALL |
| BW | BOTTOM OF WALL |
| --- | ROOF FLOW DIRECTION |
| --- | SURFACE FLOW DIRECTION |
| --- | NEW SIDEWALK |
| --- | FIRST FLUSH PONDING LIMITS |

Fierro & Company
ENGINEERING | SURVEYING
6300 MONTANO RD. NW, SUITE C
ALBUQUERQUE, NEW MEXICO 87120
PH (505) 352-8930
www.fierrocompany.com



YALE RETAIL & APARTMENTS
416 YALE BOULEVARD SE,
ALBUQUERQUE, NEW MEXICO

PROJECT NAME

BY	DESCRIPTION	DATE	REV.

PROJECT NO: 18026
DESIGNED BY: RJF
DRAWN BY: RS
CHECKED BY: RJF
DATE: JUNE 2018
SHEET TITLE

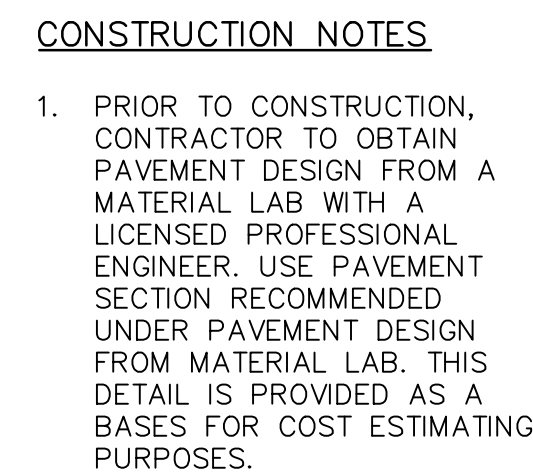
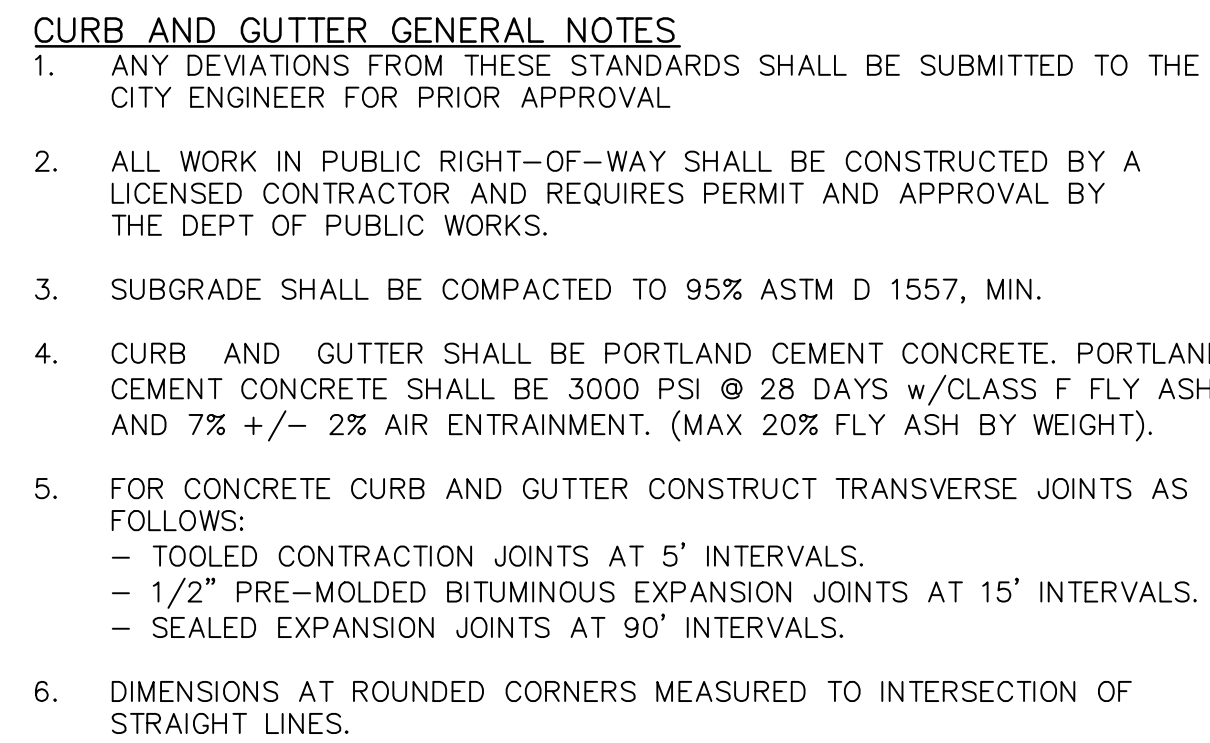
GRADING PLAN

SHEET NO:

C-1



- E1 CURB AND GUTTER
SCALE: NTS

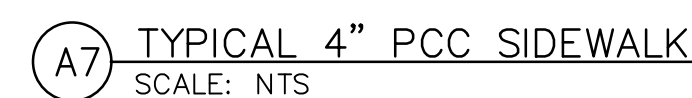


C1 TYPICAL ASPHALT PAVEMENT SECTION
SCALE: NTS



-
- #4 REBAR @ 12" O.C.
- INSTALL 3/4" EXPANSION JOINT WHERE ABUTTING BUILDING, COVER JOINT W/ POURABLE SEALANT
- 5'
- CONTROL JOINT
- 4"
- 6"
- PAVED SECTION. SEE DETAIL C1 THIS SHEET
- 6"
- 6"
- 12" SUBGRADE PREP COMPACTED TO 95% MIN. DENSITY PER NM APWA SECTION 301
- #4 REBAR, HORIZONTAL AND CONTINUOUS
1. CONTROL JOINTS SHALL BE PLACED @ 5' O.C.
 2. EXPANSION JOINTS SHALL BE PLACED @ 20' O.C.
 3. 4000 PSI CONCRETE W/ BRUSH FINISH.

E7 TURN DOWN SIDEWALK
SCALE: 1" = 1'



- ### CONSTRUCTION NOTES
1. WHEN ABUTTING TO VERTICAL WALLS, BENCHES, BUILDINGS, OR CURBS. INSTALL 1/2" BITUMINOUS EXPANSION JOINT. RECESS 1/4" VERTICALLY. INSTALL SIKAFLEX POLYMER SEALANT OR APPROVED EQUAL.
 2. INSTALL BROOM CONTRACTION JOINTS @ 6'-0" OC.
 3. LIGHT BROOM FINISH CONCRETE SURFACE REQUIRED.



YALE RETAIL & APARTMENTS
416 YALE BOULEVARD SE,
ALBUQUERQUE, NEW MEXICO

[illegible]

PROJECT NO:	162-20
DESIGNED BY:	RJF
DRAWN BY:	RS
CHECKED BY:	RJF
DATE:	JUNE 2018
SHEET TITLE	

DETAILS

SHEET NO: C-3