

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

August 27, 2018

Mike Walla, P.E.
Walla Engineering
6501 Americas Parkway, Suite 301
Albuquerque, NM 87110

RE: **La Pasada Addition**
2206 4th NW
Grading and Drainage Plan
Engineer's Stamp Date 8/20/18
Hydrology File: H14D089

Dear Mr. Walla:

PO Box 1293

Based on the submittal received on 8/20/18, the Grading and Drainage Plan cannot be approved until the following are corrected:

Prior to Building Permit:

Albuquerque

1. Payment of Fee-in-Lieu is required (Amount = 42cf x \$8/cf = \$336, per sheet C-101). Include the paid receipt in the resubmittal.

NM 87103

Prior to Certificate of Occupancy (For Information):

www.cabq.gov

2. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.

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

Sincerely,

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: LA PASADA ADDITION **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: TRACT NUMBERED SEVENTY-FOUR (74) OF M.R.G.C.D. MAP NO. 36, BERNALILLO COUNTY, NEW MEXICO
City Address: 2206 FOURTH STREET NW, ALBUQUERQUE, NEW MEXICO 87102

Applicant: WALLA ENGINEERING **Contact:** MIKE WALLA
Address: 6501 AMERICAS PARKWAY NE, SUITE 301, ALBUQUERQUE, NM 87110
Phone#: 505-881-3008 **Fax#:** 505-881-4025 **E-mail:** mikew@wallaengineering.com

Other Contact: FBT ARCHITECTS **Contact:** TED GRUMBLATT
Address: 6501 AMERICAS PARKWAY NE, SUITE 300, ALBUQUERQUE, NM 87110
Phone#: 505-883-5200 **Fax#:** 505-884-5390 **E-mail:** tcg@fbtarch.com

TYPE OF DEVELOPMENT: _____ PLAT (# of lots) _____ RESIDENCE _____ DRB SITE ☒ ADMIN SITE

IS THIS A RESUBMITTAL? ☒ Yes _____ No

DEPARTMENT _____ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that Apply:

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?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

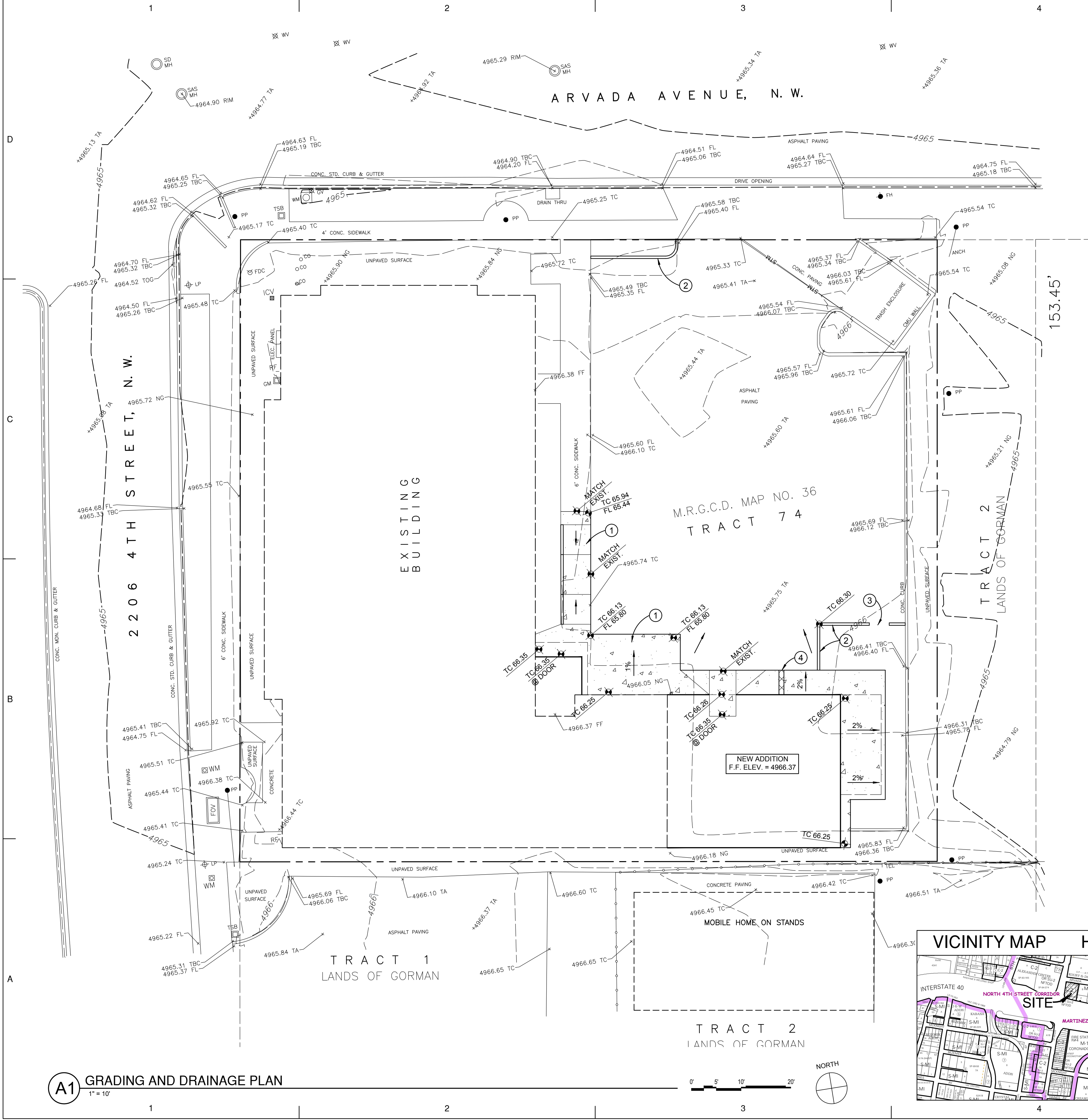
☒ BUILDING PERMIT APPROVAL
_____ CERTIFICATE OF OCCUPANCY
_____ PRELIMINARY PLAT APPROVAL
_____ SITE PLAN FOR SUB'D APPROVAL
_____ SITE PLAN FOR BLDG. PERMIT APPROVAL
_____ FINAL PLAT APPROVAL
_____ SIA/ RELEASE OF FINANCIAL GUARANTEE
_____ FOUNDATION PERMIT APPROVAL
_____ GRADING PERMIT APPROVAL
_____ SO-19 APPROVAL
_____ PAVING PERMIT APPROVAL
_____ GRADING/ PAD CERTIFICATION
_____ WORK ORDER APPROVAL
_____ CLOMR/LOMR
_____ FLOODPLAIN DEVELOPMENT PERMIT
_____ OTHER (SPECIFY) _____

DATE SUBMITTED: 8-20-18 **By:** MIKE WALLA

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____



HYDROLOGY CALCULATIONS

PRECIPITATION ZONE 2 DESIGN STORM: (IN)									
			1hr	6hr	24hr	4day	10day		
			2.01	2.35	2.75	3.30	3.95		
EXISTING CONDITIONS									
LAND TRTMNT	AREA (ACRE)	AREA %	P6	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4DAY (CF)	V10DAY (CF)
A	0.000	0%	0.53	1.56	0.00	0	0	0	0
B	0.233	14%	0.78	2.28	0.53	660	660	660	660
C	0.000	0%	1.13	3.14	0.00	0	0	0	0
D	1.374	86%	2.12	4.70	6.46	10,574	12,569	15,312	18,554
TOTALS	1.607	100%			6.99	11,233	13,229	15,972	19,214
PROPOSED CONDITIONS									
LAND TRTMNT	AREA (ACRE)	AREA %	P6	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4DAY (CF)	V10DAY (CF)
A	0.000	0%	0.53	1.56	0.00	0	0	0	0
B	0.233	14%	0.78	2.28	0.53	660	660	660	660
C	0.000	0%	1.13	3.14	0.00	0	0	0	0
D	1.374	86%	2.12	4.70	6.46	10,574	12,569	15,312	18,554
TOTALS	1.607	100%			6.99	11,233	13,229	15,972	19,214

RE-DEVELOPMENT FIRST FLUSH VOLUME CALCULATION FOR FEE-IN-LIEU PAYMENT

AREA RE-DEVELOPED SURFACE TREATMENT D = 1,950 SF
RAINFALL = 0.26 IN
VOLUME = 1,950 X 0.26 IN = 42 CF
FEE-IN-LIEU = 42 CF X \$8.00/CF = \$336.00

SHEET KEYNOTES

- NEW 4" THICK, 4000 PSI, AIR-ENTRAINED, CONCRETE SIDEWALK PER A1/C-201
- NEW CONCRETE CURB PER A2/C-201
- 4'-0" WIDE CURB BLOCKOUT FOR RUNOFF RELEASE
- 1'-0" WIDE SIDEWALK CULVERT PER A3/C-201

LEGEND

	PROPERTY LINE	TC	TOP OF CONCRETE
	EXISTING CONTOUR	FG	FINISHED GRADE
	EXISTING SPOT ELEVATION		FLOW DIRECTION
	NEW SPOT ELEVATION		ROOF DRAIN LOCATION
	NEW CONTOUR		NEW CONCRETE PAVING
FL	FLOWLINE		

LEGAL DESCRIPTION

TRACT NUMBERED SEVENTY-FOUR (74) OF M.R.G.C.D. MAP NO. 36, BERNALILLO COUNTY, NEW MEXICO.

BENCHMARK

ACS CONTROL MONUMENT "A-438"

STAINLESS STEEL ROD SET BENEATH A 5-1/2" ACCESS COVER, STAMPED "A-438, 1984", LOCATED IN THE NW QUADRANT OF MENAUL BOULEVARD, N.W., AND THE BNSF RAILROAD TRACKS.

ELEV = 4975.35 (NAVD 1988)

FLOOD INFORMATION

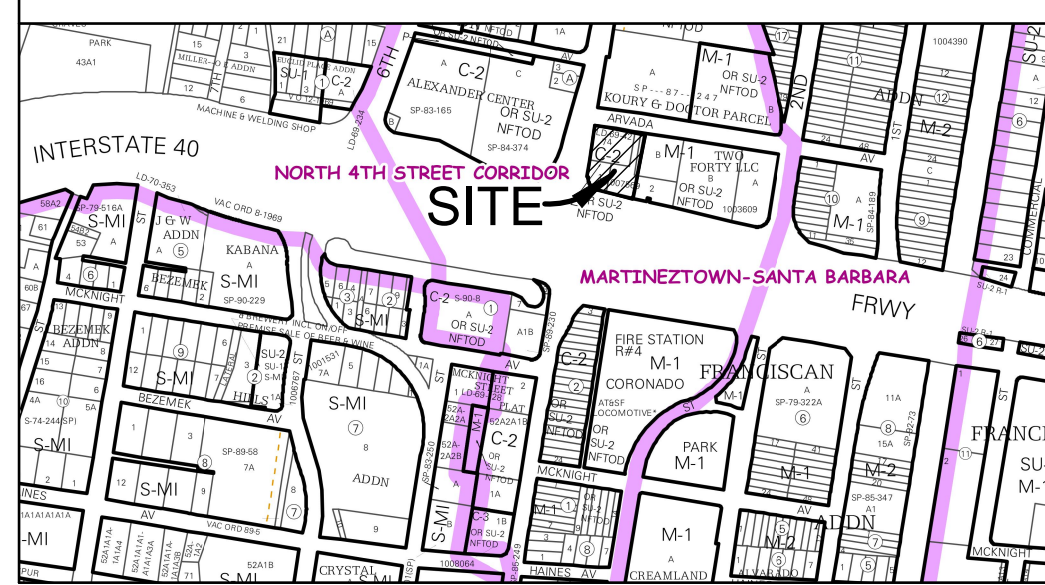
THIS PROPERTY DOES LIE IN AN AREA COVERED BY A FORMAL F.E.M.A. FLOOD STUDY. PROPERTY LIES WITHIN ZONE "X" (No Flood Hazard) AND IS NOT SUBJECT TO 100-YEAR FLOOD HAZARDS. REFERENCE: FLOOD INSURANCE RATE MAP, BERNALILLO COUNTY, NEW MEXICO, PANEL 350002 0332 G, EFFECTIVE DATE: SEPTEMBER 26, 2008.

NOTE: STREETS FLOOD (ZONE A0, DEPTH 1')

DESIGN NARRATIVE

THE SUBJECT PROJECT IS A SMALL, 1145 SF, ADDITION TO AN EXISTING BUILDING. THE ORIGINAL BUILDING AND ADDITION ARE LOCATED ON A 1.607 ACRE DEVELOPED SITE THAT WAS CONSTRUCTED IN 2001. THE ORIGINAL GRADING & DRAINAGE PLAN FOR THIS DEVELOPMENT WAS DESIGNED BY MARK GOODWIN & ASSOC. AND THE PLAN WAS DATED 7/19/2000. THE NEW ADDITION WILL REPLACE AN EXISTING PAVED AREA ON THE SITE. THE NEW ROOF AREA WILL DRAIN TO THE EXISTING PARKING LOT THAT CURRENTLY TRANSMITS DRAINAGE VIA SURFACE FLOW TO THE ADJACENT STREET (ARVADA AVE.). OTHERWISE THERE ARE NO ADDITIONAL SITE IMPROVEMENTS THAT WILL AFFECT THE DRAINAGE CHARACTERISTICS OF THIS SITE. THEREFORE, HISTORIC RUNOFF FROM THE SITE WILL BE UNAFFECTED BY THIS CONSTRUCTION PROJECT. THERE ARE NO AVAILABLE AREAS ON THE SITE TO CREATE POND STORAGE OF A COA REQUIRED FIRST FLUSH RUNOFF VOLUME AND THE DEVELOPER WILL BE REQUIRED TO PAY A ONE TIME FEE-IN-LIEU CHARGE IN ORDER TO ALLOW FREE DISCHARGE OF THIS VOLUME TO DOWNSTREAM STORM DRAIN FACILITIES. THE CALCULATION FOR THIS FEE IS INCLUDED ON THIS GRADING & DRAINAGE PLAN.

VICINITY MAP H-14-Z



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MECHANICAL
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ELECTRICAL
A C Engineering - Bud Telc
Albuquerque, NM
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ENGINEER

La Pasada Kitchen Addition

Construction Documents

2206 FOURTH STREET NW
ALBUQUERQUE, NM 87102

August 20, 2018

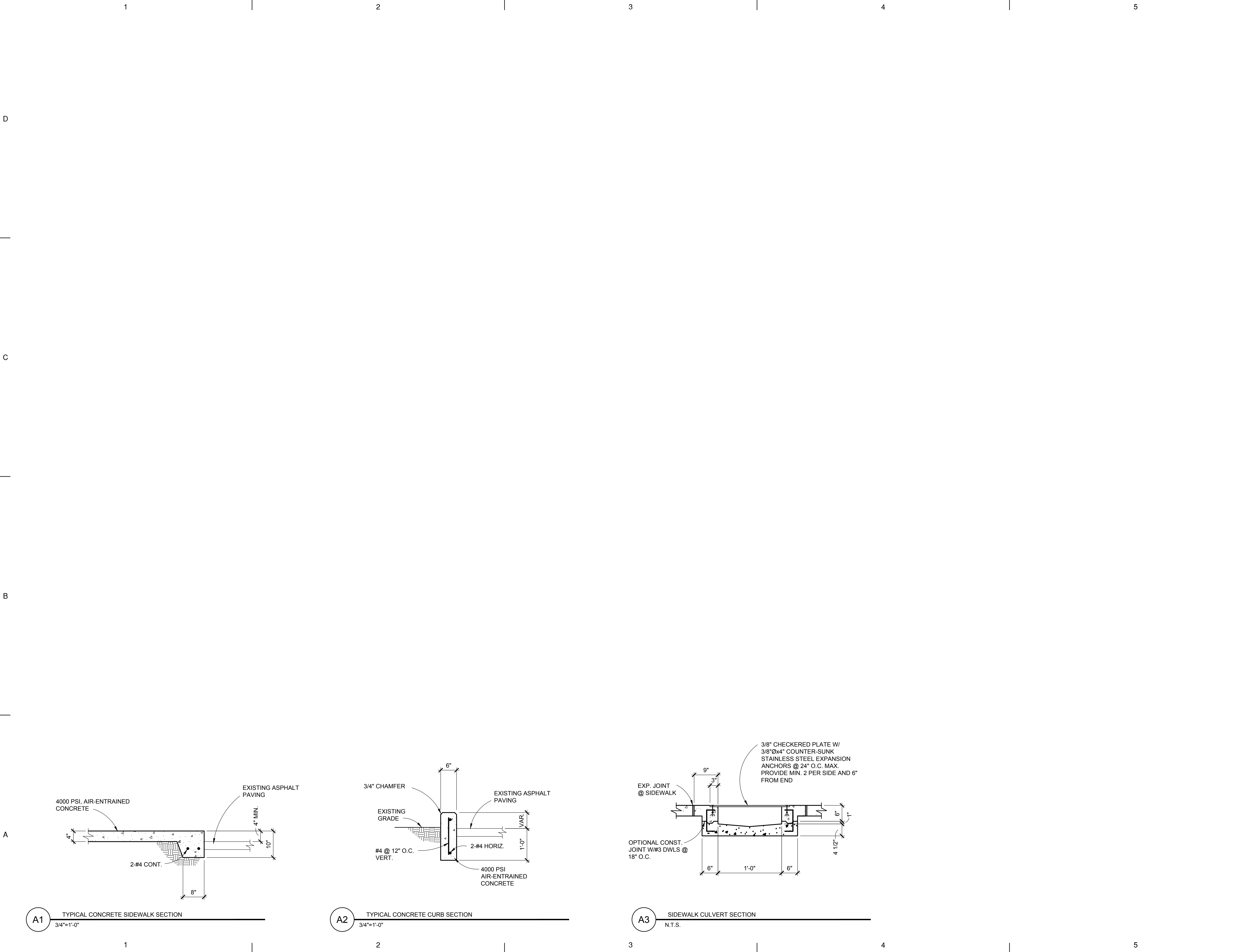
MARK	DATE	DESCRIPTION

ISSUE:	100% CD's
DATE:	
PROJECT NO:	704
CAD DWG FILE:	
DRAWN BY:	LEK
CHECKED BY:	MJW

SHEET TITLE

GRADING and DRAINAGE
PLAN

C-101



fbt | architects

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La Pasada Kitchen Addition

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August 20, 2018

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ISSUE:	100% CD's
DATE:	
PROJECT NO:	704
CAD DWG FILE:	
DRAWN BY:	LEK
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SHEET TITLE

GRADING and DRAINAGE
SECTIONS and DETAILS

C-201