CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

May 15, 2023

Jesus Lopez, P.E. Smith Engineering 2201 San Pedro Dr. NE, Building 4, Suite 200 Albuquerque, NM 87110

RE: Loma Linda CC Gym Addition Tr 2-A-1 Plat of Tracts 1-A & 2-A-1 Cactus/Shalit Parcel 1512 Yale Blvd SE ABQ NM 87106 Grading & Drainage Plan Engineer's Stamp Date: 2/7/2023 Hydrology File: L16D025

Dear Mr. Lopez:

PO Box 1293 Based upon the information provided in your submittal received 5/10/2023, the Grading & Drainage Plan is approved for Building Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

Albuquerque **PRIOR TO CERTIFICATE OF OCCUPANCY:**

Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist* NM 87103 *For Non-Subdivision* is required.

As a reminder, if the project total area of disturbance (including the staging area and any www.cabq.gov work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3695 or tchen@cabq.gov.

Sincerely,

Che

Tiequan Chen, P.E. Principal Engineer, Hydrology Planning Department, Development Review Services



City of Albuquerque

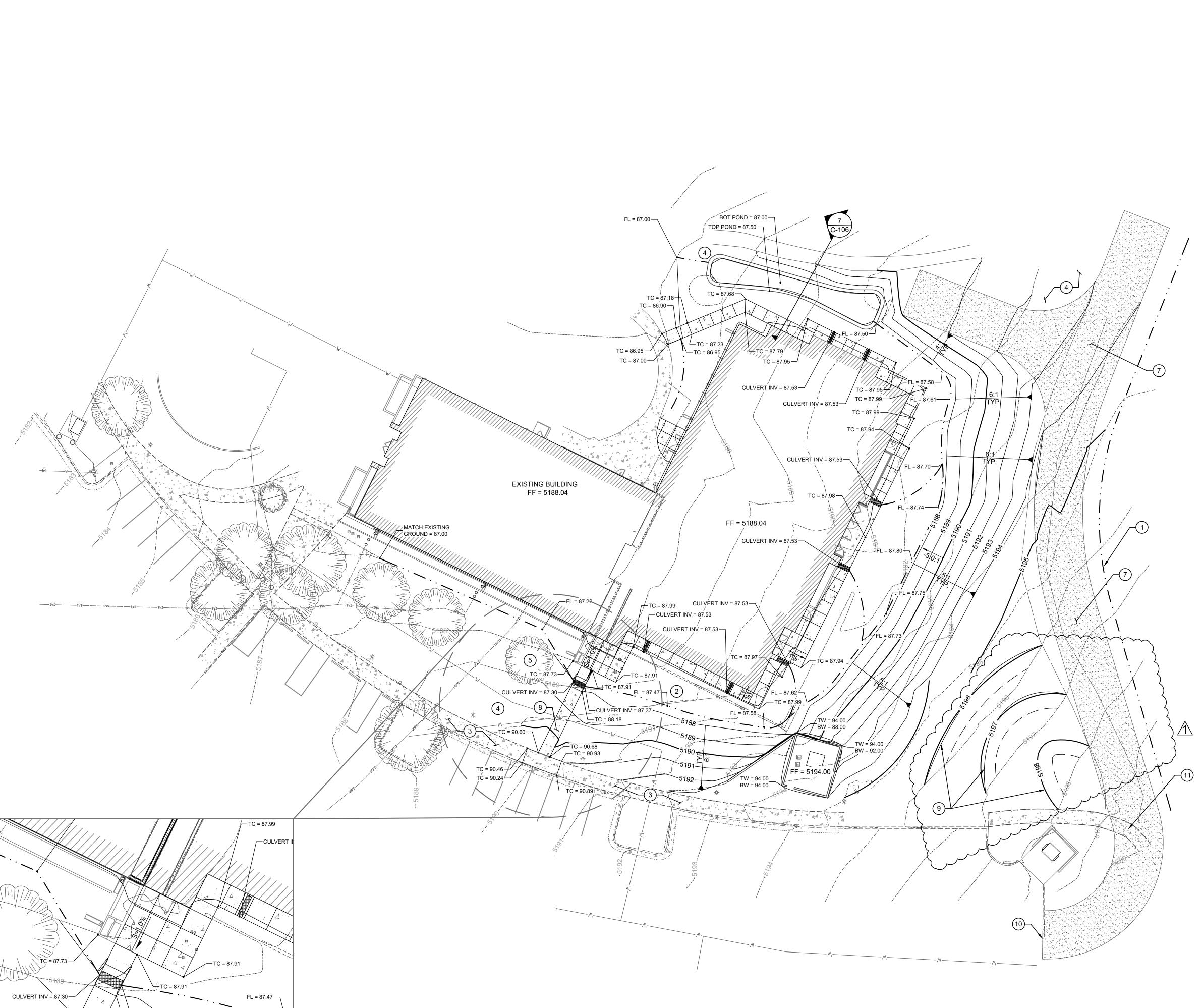
Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Project Title:	Building	g Permit #: Hydrology File #:
DRB#:	EPC#:	Work Order#:
Legal Description:		
City Address:		
Applicant:		Contact:
Address:		
		E-mail:
Owner:		Contact:
Address:		
Phone#:	Fax#:	E-mail:
TYPE OF SUBMITTAL: PLAT (# OF LOTS)	RESIDENCE DRB SITE ADMIN SITE
IS THIS A RESUBMITTAL?:	Yes	No
DEPARTMENT: TRAFFIC/ TRA	ANSPORTATION .	HYDROLOGY/ DRAINAGE
Check all that Apply:		TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
TYPE OF SUBMITTAL:		BUILDING PERMIT APPROVAL
ENGINEER/ARCHITECT CERTIF	ICATION	CERTIFICATE OF OCCUPANCY
CONCEPTUAL G & D PLAN		PRELIMINARY PLAT APPROVAL
GRADING PLAN		SITE PLAN FOR SUB'D APPROVAL
DRAINAGE MASTER PLAN		SITE PLAN FOR BLDG. PERMIT APPROVAL
DRAINAGE REPORT		FINAL PLAT APPROVAL SIA/ RELEASE OF FINANCIAL GUARANTEE
FLOODPLAIN DEVELOPMENT PI	ERMIT APPLIC	FOUNDATION PERMIT APPROVAL
ELEVATION CERTIFICATE		GRADING PERMIT APPROVAL
CLOMR/LOMR		OKADINO PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOU	T (TCL)	PAVING PERMIT APPROVAL
TRAFFIC IMPACT STUDY (TIS)		GRADING/ PAD CERTIFICATION
OTHER (SPECIFY)		WORK ORDER APPROVAL
PRE-DESIGN MEETING?		CLOMR/LOMR
		FLOODPLAIN DEVELOPMENT PERMIT
		OTHER (SPECIFY)
DATE SUBMITTED:	Bv	

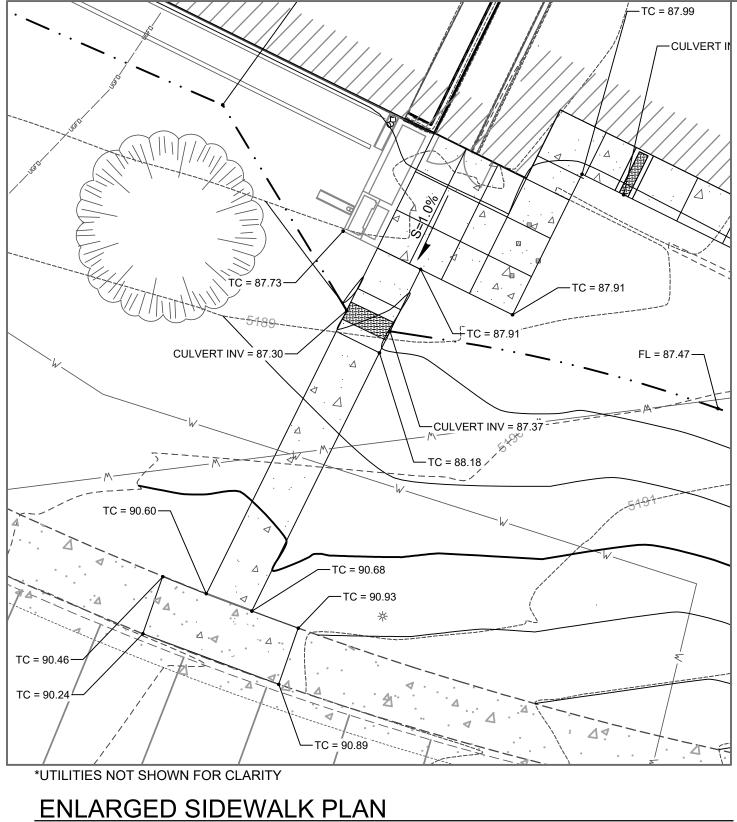
COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED:

FEE PAID:



I.



1

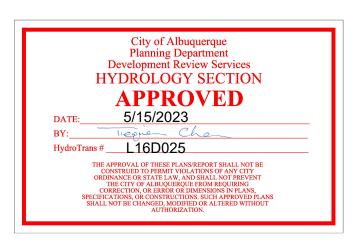
Е

В

А

SCALE: 1" = 10'

I



6

Е

D

В

GENERAL NOTES

- 1. CONTRACTOR TO PROVIDE CONCRETE JOINT LAYOUT FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT OF CONCRETE.
- 2. EXPANSION JOINTS SHALL BE PLACED AT ALL CHANGES IN GRADE AND AT LOCATIONS FOR ISOLATION AND NOT TO EXCEED 50-FEET IN SPACING.
- 3. CONTROL (CONTRACTION) JOINTS SHALL BE PLACED TO PROVIDE A STONE WITH DIMENSIONS TO NOT EXCEED 1.5:1 (L:W).
- CONTRACTOR SHALL INDICATE WHERE PROPOSED CONSTRUCTION JOINTS ARE IN THE JOINT LAYOUT PLAN.
- 5. ALL JOINTS ARE TO BE SEALED. EXPANSION JOINTS SHALL HAVE FILLER,
- BACKER AND SEALANT.6. ITEMS TO BE REMOVED PER REMOVAL SHEETS NOT SHOWN ON PLAN FOR
- CLARITY PURPOSES.7. PROPOSED UTILITIES NOT SHOWN FOR CLARITY PURPOSES. SEE CIVIL
- UTILITY SHEETS FOR DETAILS.
- 8. SEE LANDSCAPING DRAWINGS FOR GROUNDCOVER PLAN AND LAYOUT.

GRADING NOTES 1. ROADSIDE SWALE PER DETAIL 9 ON SHEET C-106. 2. GRADE AT UNIFORM SLOPE TO MATCH NEW SIDEWALK.

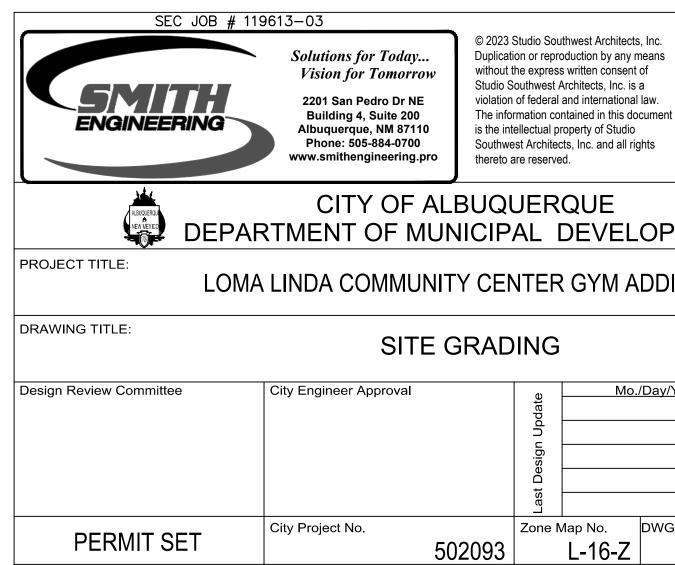
- 3. EXISTING SIDEWALK, PROTECT IN PLACE.
- 4. GRADE UNIFORMLY TO MATCH EXISTING GROUND.
- 5. GRADE AROUND TREE TO MATCH EXISTING PRIOR TO CANOPY. HAND TRENCH IF NECESSARY TO AVOID ROOT DAMAGE.
- 6. NOT USED.
- INSTALL 20' WIDE BASECOURSE EMERGENCY FIRE ACCESS ROAD BASECOURSE AND SUBGRADE INSTALLATION PER COA SPECIFICATION 301 AND 302.
- 8. MATCH EXISTING SIDEWALK ELEVATION AT NEAREST CONCRETE JOINT. PROTECT EXISTING CURB IN PLACE
- 9. STORMWATER QUALITY RETENTION AREA, SEE DETAIL 7 ON SHEET C-106.
- 10. INSTALL 20' WIDE CURB CUT AND TIE NEW BASECOURSE ACCESS ROAD.
- 11. PROTECT IN-PLACE EXISTING ASPHALT PATH. TIE NEW BASECOURSE ACCESS ROAD TO ASPHALT EDGES.

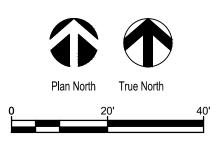
EARTHWORK							
CUT	2,000	CY					
FILL	100	CY					
NET	1,900	CY (CUT)					

INCLUDE A 1.25 FILL FACTOR

LEGEND

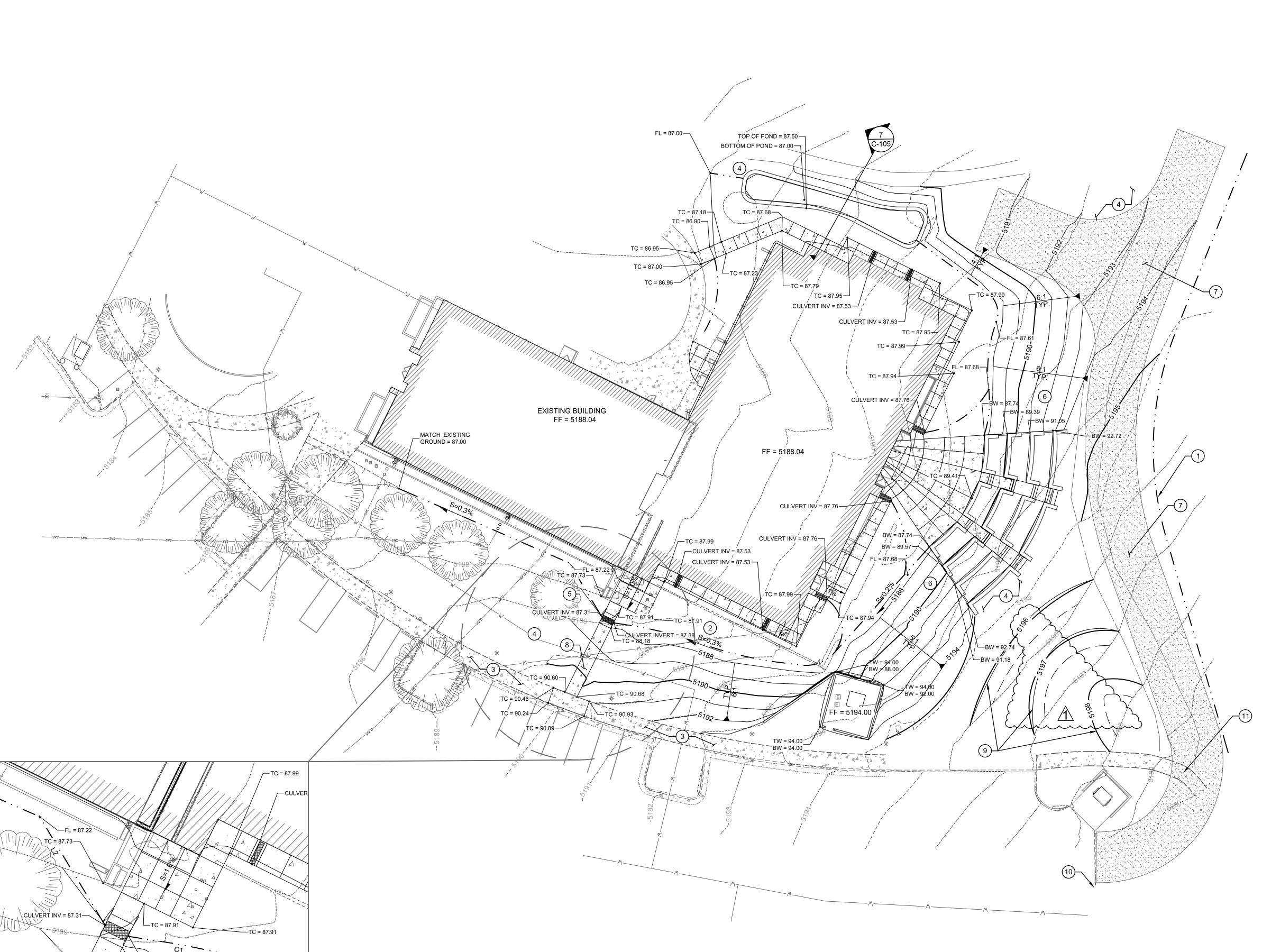
TOP	TOP OF PLATE
TSW	TOP OF SIDEWALK
тс	TOP OF CONCRETE
ТА	TOP OF ASPHALT
FL	FLOW LINE
INV	INVERT
X-EP	EXISTING EDGE OF PAVEMENT



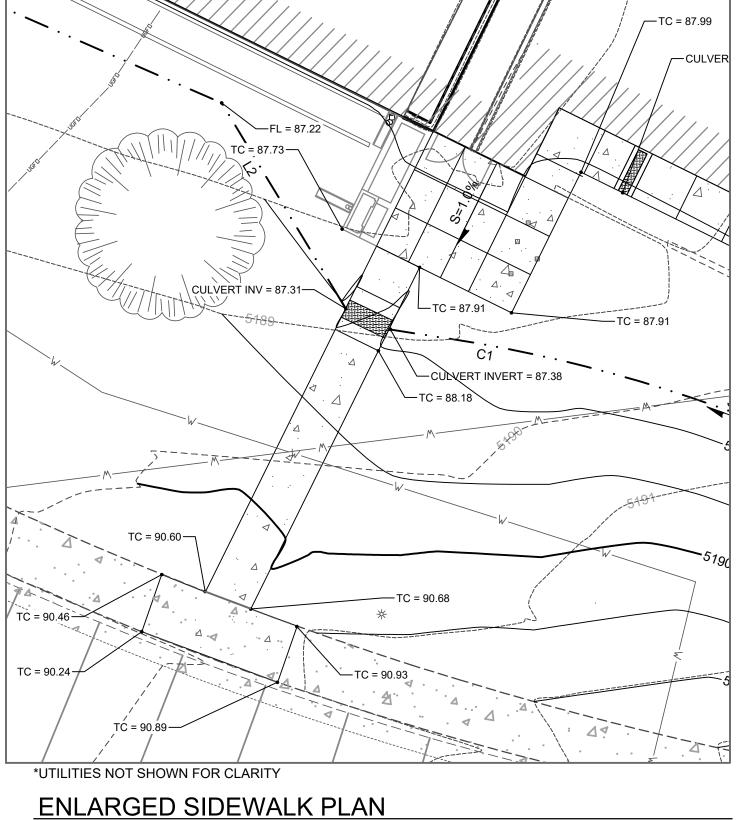


1

	2	DATE	DATE	DATE	DATE	DATE	NC	DATE		
							MICRO-FILM INFORMATION			
		CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY		RECORDED BY	NO.	
		104 CITY OF ALBUQUERQUE BENCHMARK	3 1/4" BRASS CAP STAMPED 7_L15 1984	N = 1479550.20 E = 1529067.37 EL = 5164.12	NAD1983 U.S. STATE PLANE NEW MEXICO CENTRAL	NAVD1988 GEOID18 (CONUS)				
		FIELD NOTES	NO. BY DATE							
SEAL	DEAL			The at Sco	A		EL CO EL OZ	TOTO STATES		3
				E JL	By			07 FEBRUARY 2023	07 FEBRUARY 2023	07 FEBRUARY 2023
				E CHANG	KS	S	7	DATE 07 FEBI	DATE 07 FEBI	
				ELEVATIONS, NOTI	REMARKS	SEVISION	DESIGN	DA	DA	DATE
				1 5/8/23 CONTOUR ELEVATIONS, NOTE CHANGE	No. Date REMAR	REVISIONS	DESIG	Designed By: JL DA	Drawn By: JL DA	cked By: CS, JL
			T	1 5/8/23 CONTOUR ELEVATIONS, NOTE		REVISION	DESIG	gned By: JL	vn By: JL	cked By: CS, JL



I.



1

1

Е

В

А

SCALE: 1" = 10'

I.



6

Е

В

GENERAL NOTES

- 1. CONTRACTOR TO PROVIDE CONCRETE JOINT LAYOUT FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT OF CONCRETE.
- 2. EXPANSION JOINTS SHALL BE PLACED AT ALL CHANGES IN GRADE AND AT LOCATIONS FOR ISOLATION AND NOT TO EXCEED 50-FEET IN SPACING.
- 3. CONTROL (CONTRACTION) JOINTS SHALL BE PLACED TO PROVIDE A STONE WITH DIMENSIONS TO NOT EXCEED 1.5:1 (L:W).
- 4. CONTRACTOR SHALL INDICATE WHERE PROPOSED CONSTRUCTION JOINTS ARE IN THE JOINT LAYOUT PLAN.
- 5. ALL JOINTS ARE TO BE SEALED. EXPANSION JOINTS SHALL HAVE FILLER,
- BACKER AND SEALANT.6. ITEMS TO BE REMOVED PER REMOVAL SHEETS NOT SHOWN ON PLAN FOR
- CLARITY PURPOSES.7. PROPOSED UTILITIES NOT SHOWN FOR CLARITY PURPOSES. SEE CIVIL
- UTILITY SHEETS FOR DETAILS.
- 8. SEE LANDSCAPING DRAWINGS FOR GROUNDCOVER PLAN AND LAYOUT.

GRADING NOTES 1. ROADSIDE SWALE PER DETAIL 9 ON SHEET C-106. 2. GRADE AT UNIFORM SLOPE TO MATCH NEW SIDEWALK.

- 3. EXISTING SIDEWALK, PROTECT IN PLACE.
- 4. GRADE UNIFORMLY TO MATCH EXISTING GROUND.
- 5. GRADE AROUND TREE TO MATCH EXISTING PRIOR TO CANOPY. HAND TRENCH IF NECESSARY TO AVOID ROOT DAMAGE.
- 6. PROVIDE SMOOTH TRANSITION FROM AMPHITHEATER STEPS TO SIDE

SLOPES. SEE LANDSCAPING DRAWINGS FOR DETAILS.

- INSTALL 20' WIDE BASECOURSE EMERGENCY FIRE ACCESS ROAD BASECOURSE AND SUBGRADE INSTALLATION PER COA SPECIFICATION 301 AND 302.
- 8. MATCH EXISTING SIDEWALK ELEVATION AT NEAREST CONCRETE JOINT. PROTECT EXISTING CURB IN PLACE
- 9. STORMWATER QUALITY RETENTION AREA, SEE DETAIL 8 ON SHEET C-105.
- 10. INSTALL 20' WIDE CURB CUT AND TIE NEW BASECOURSE ACCESS ROAD.
- 11. PROTECT IN-PLACE EXISTING ASPHALT PATH. TIE NEW BASECOURSE ACCESS ROAD TO ASPHALT EDGES.

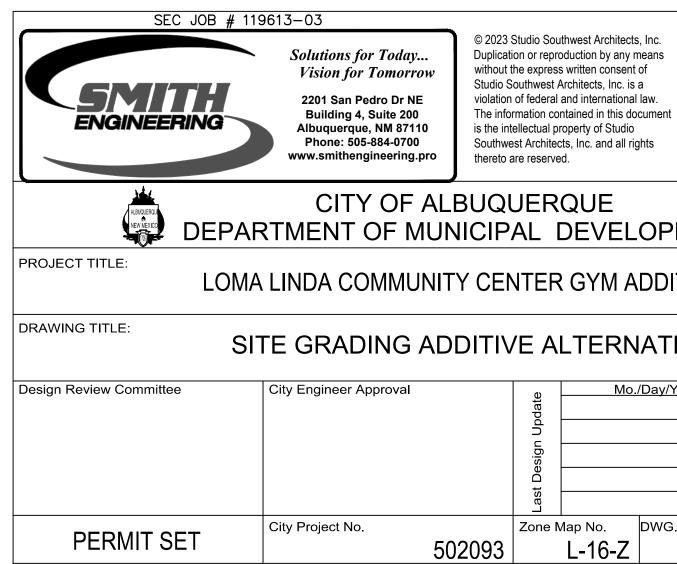
EARTHWORK						
CUT	2,045	CY				
FILL	100	CY				
NET	1,945	CY (CUT)				
	CALCULATIC					

LEGEND

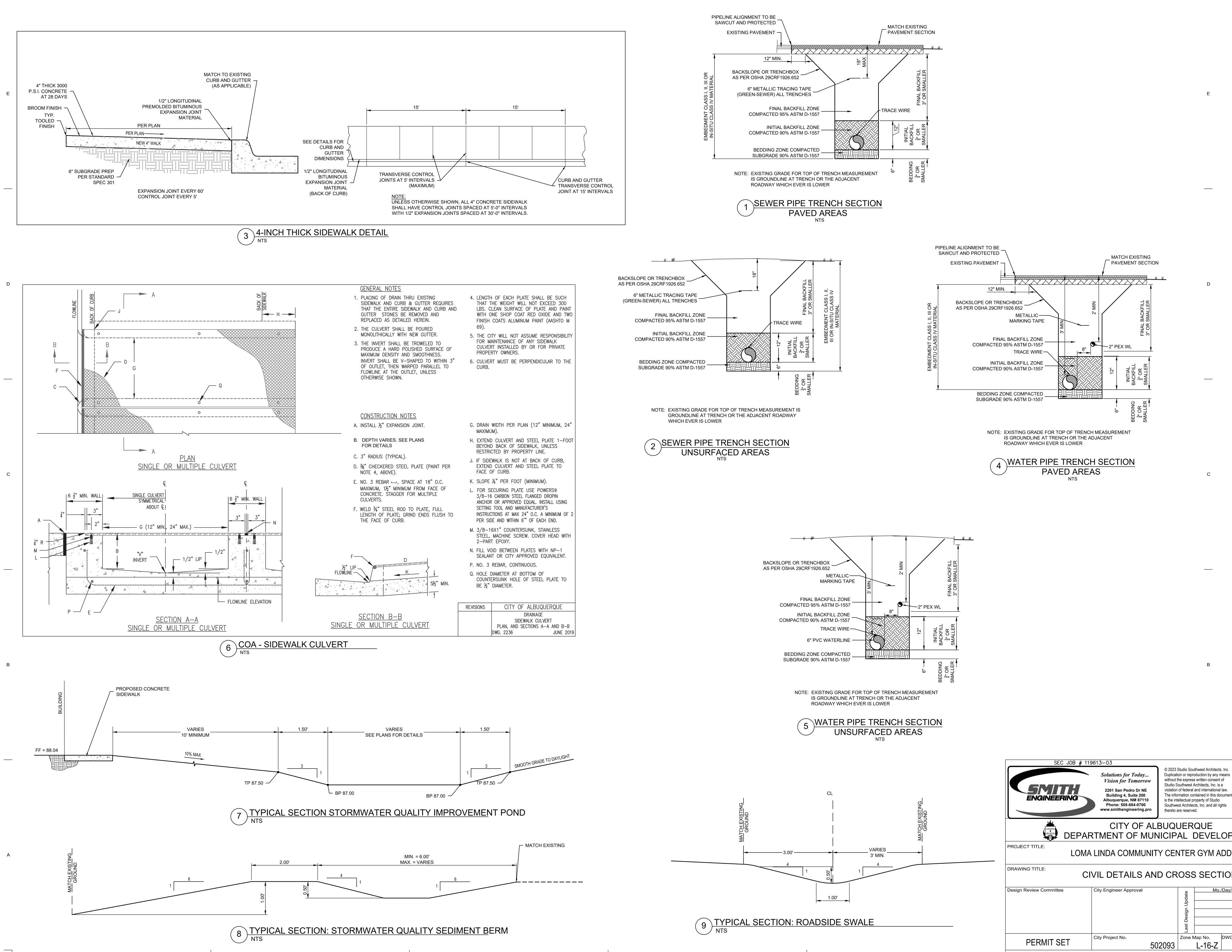
Plan North True North

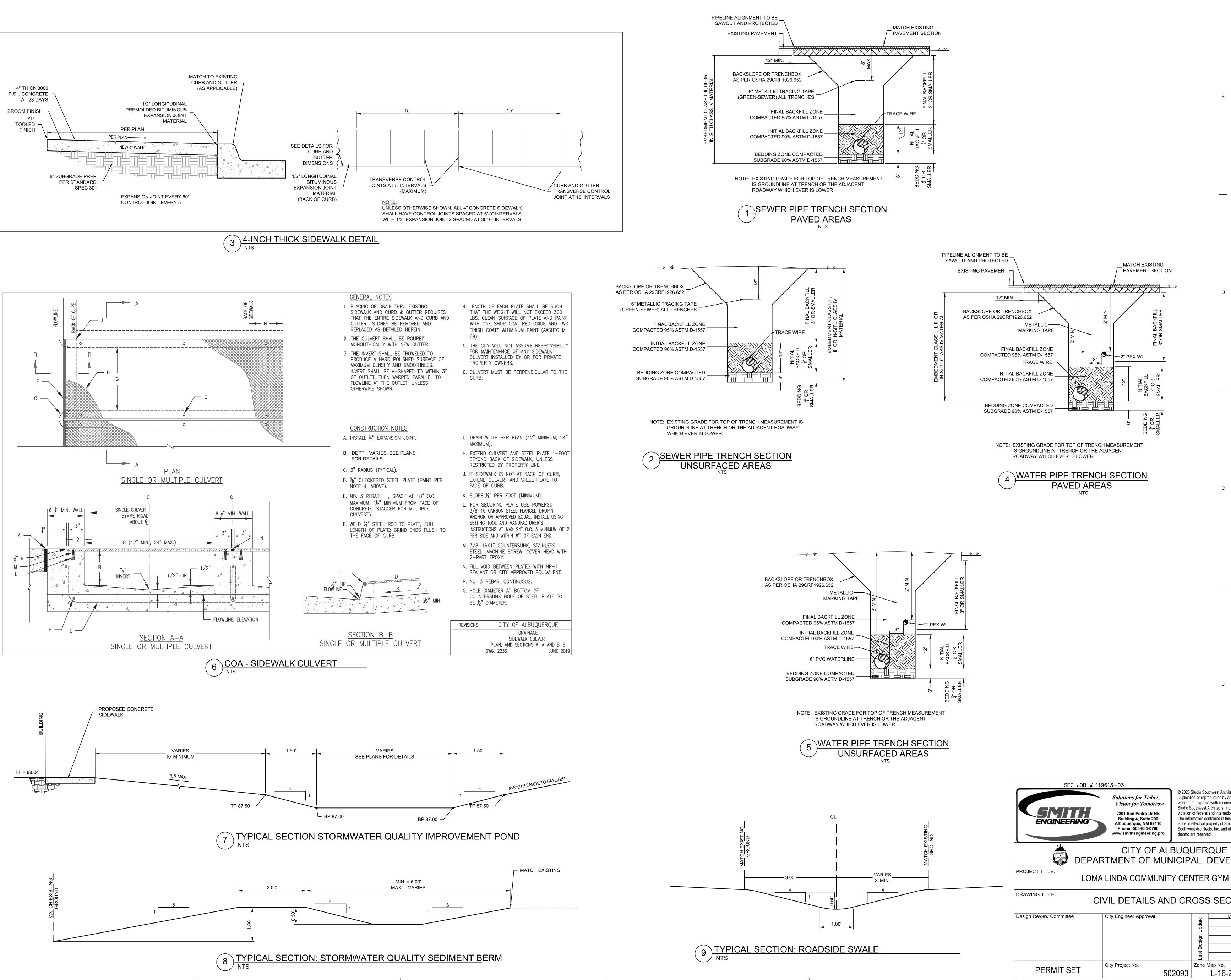
1

ТОР	TOP OF PLATE
TSW	TOP OF SIDEWALK
тс	TOP OF CONCRETE
ТА	TOP OF ASPHALT
FL	FLOW LINE
INV	INVERT
X-EP	EXISTING EDGE OF PAVEMENT

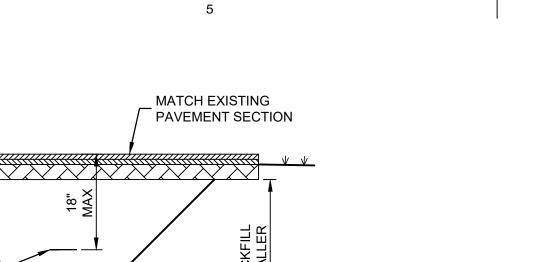


	AS-BUILT INFORMATION	DATE	DATE	DATE	DATE	DATE	MICRO-FILM INFORMATION	DATE		
_	AS-BUILT AS-BUILT	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAMINGS CORRECTED BY	MICRO-FIL	RECORDED BY	NO.	
	BENCH MARKS	104 CITY OF ALBUQUERQUE BENCHMARK	3 1/4" BRASS CAP STAMPED 7_L15 1984	N = 1479550.20 E = 1529067.37 EL = 5164.12	NAD1983 U.S. STATE PLANE NEW MEXICO CENTRAL	NAVD1988 GEOID18 (CONUS)				
	SURVEY INFORMATION	FIELD NOTES	NO. BY DATE							
	SEAL			A Starter	A W (2)		LE CO	TODE		3
				IGE JL	By			07 FEBRUARY 2023	07 FEBRUARY 2023	07 FEBRUARY 2023
				5/8/23 CONTOUR ELEVATIONS, NOTE CHANGE	REMARKS	REVISIONS	DESIGN	DATE 07 FE	DATE 07 FE	DATE 07 FE
					No. Date	<u> </u>		Designed By: JL	Drawn By: JL	Checked By: CS, JL
IT	10	N N	T							
'Үr.						1o./E	Day/	Yr.		
Э. (<u> </u>	-1	0.	4		She 0	^{eet} 8 C	of	10	8

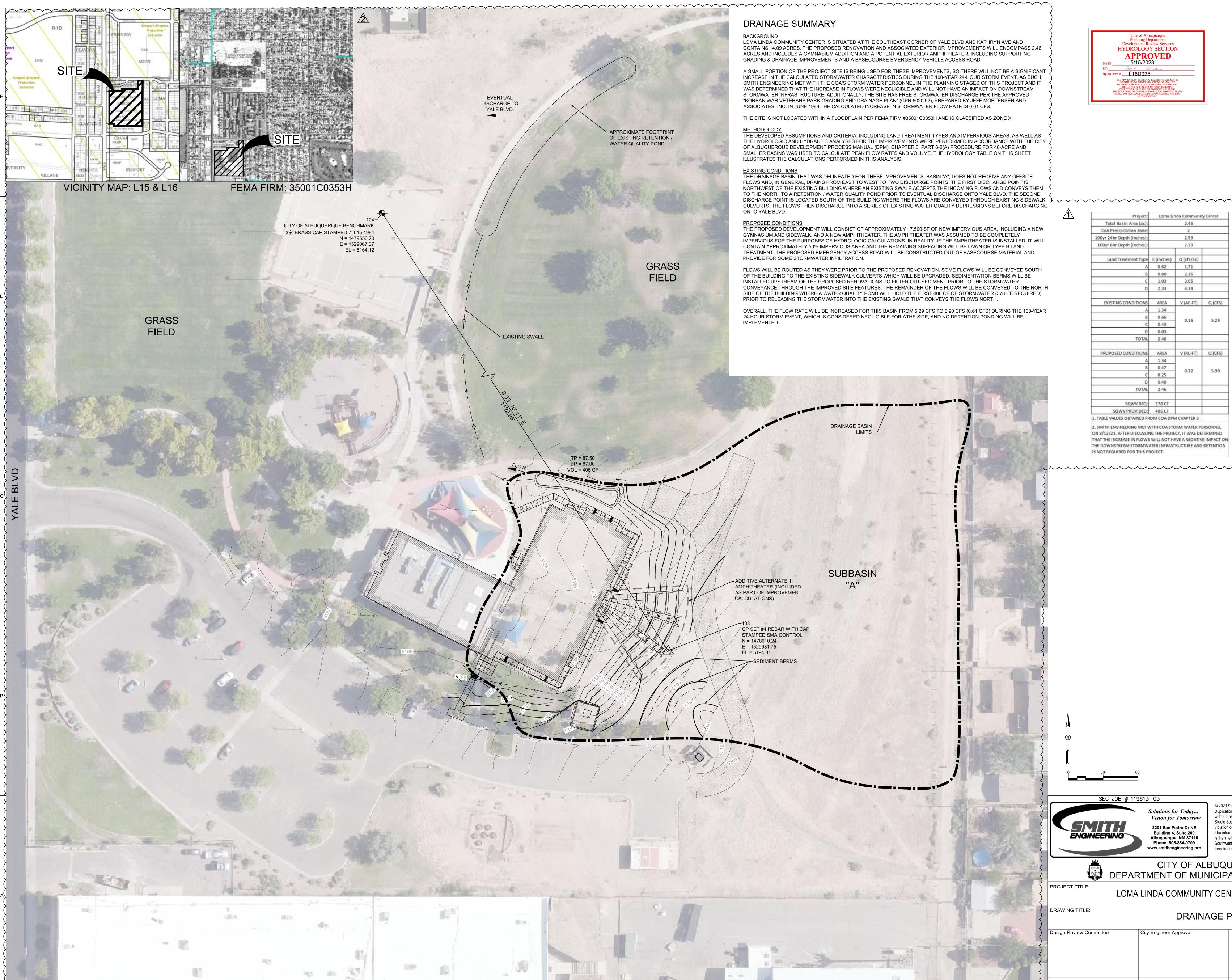








		DATE	DATE	DATE	DATE	DATE		DATE		
	AS-BUILT INFORMATION						MICRO-FILM INFORMATION			
		CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY		RECORDED BY	NO.	
	BENCH MARKS	104 CITY OF ALBUQUERQUE BENCHMARK	3 1/4" BRASS CAP STAMPED 7_L15 1984	N = 1479550.20 E = 1529067.37 EL = 5164.12	NAD1983 U.S. STATE PLANE NEW MEXICO CENTRAL	NAVD1988 GEOID18 (CONUS)				
	SURVEY INFORMATION	FIELD NOTES	NO. BY DATE							
	SEAL			Con and a con	A W (2)		LU CO	TOTO STEEP ALVIN		3
					By			07 FEBRUARY 2023	07 FEBRUARY 2023	07 FEBRUARY 2023
					REMARKS	REVISIONS	DESIGN	DATE	DATE	DATE
t					No. Date			Designed By: JL	Drawn By: JL	Checked By: CS, JL
	/IE 10	N N	T							
N /Yr					N	1o./E)ay/`	Yr.		
						<u> </u>				
Э. (C-106 Sheet 10 of 108									





E

Project:	Loma Lin	nda Communit	y Center			
Total Basin Area (ac):		2.46				
CoA Precipitation Zone:		2				
100yr 24hr Depth (inches):	2.59					
100yr 6hr Depth (inches):						
Land Treatment Type	E (inches)	Q (cfs/ac)				
A	0.62	1.71				
В	0.80	2.36				
c	1.03	3.05				
D	2.33	4.34				
EXISTING CONDITIONS	AREA	V (AC-FT)	Q (CFS)			
A	1.34					
В	0.66	56 43 0.16	5.29			
с	0.43					
D	0.03					
TOTAL	2.46					
PROPOSED CONDITIONS	AREA	V (AC-FT)	Q (CFS)			
A	1.34					
В	0.47					
c	0.25	0.32	5.90			
D	0.40					
TOTAL	2.46					
SQWV REQ:	378 CF					
SQWV PROVIDED:	406 CF					
	OM COA DPN	A CHAPTER 6				

0 30' 6	o']			
SEC JOB # 119	9613–03 Solutions for Today Vision for Tomorrow 2201 San Pedro Dr NE Building 4, Suite 200 Albuquerque, NM 87110 Phone: 505-884-0700 www.smithengineering.pro	Duplicati without t Studio S violation The infor is the inte Southwe	on or repro he express outhwest / of federal rmation co ellectual p	thwest Architects, Inc. oduction by any means s written consent of Architects, Inc. is a and international law. ntained in this documen roperty of Studio cts, Inc. and all rights ed.
	CITY OF ALE			
PROJECT TITLE:	LINDA COMMUNIT	Y CEN	NTER	R GYM ADD
DRAWING TITLE:	DRAINA	GE F	PLAI	N
Design Review Committee	City Engineer Approval		date	Mo./Day/

City Project No.

Zone Map No.

L-16-Z

502093

DRAWI

PERMIT SET

NO	DATE	DATE	DATE	DATE	DATE	LION	DATE		
AS-BUILT INFORMATION	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY	MICRO-FILM INFORMATION	RECORDED BY	NO.	
BENCH MARKS	104 CITY OF ALBUQUERQUE BENCHMARK	3 1/4" BRASS CAP STAMPED 7_L15 1984	N = 1479550.20 E = 1529067.37 EL = 5164.12	NAD1983 U.S. STATE PLANE NEW MEXICO CENTRAL	NAVD1988 GEOID18 (CONUS)				
SURVEY INFORMATION	FIELD NOTES	NO. BY DATE							
SEAL			L'ACTE OF SUN	A. W (2)		L' CO	ALA ALA		3
		5/8/23 VICINITY MAP, FIRM, BENCHMARK JL	4/10/23 CALCS, SUMMARY, BASIN UPDATE JL	REMARKS	REVISIONS	DESIGN	DATE 07 FEBRUARY 2023	DATE 07 FEBRUARY 2023	DATE 07 FEBRUARY 2023
t		2 5/8/23 VICINITY		No. Date			Designed By: JL	Drawn By: JL	Checked By: CS, JL
PMENT ITION Yr. Mo./Day/Yr.									
^{3.} C	-1	0	7		She 1	et 1 C	of	108	8