



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 20, 1999

Jake Bordenave
Bordenave Designs
P.O. Box 911494
Albuquerque, New Mexico 87199

RE: ENGINEER'S CERTIFICATION FOR McKINLEY MIDDLE SCHOOL(G-17/D19)
ENGINEER'S CERTIFICATION STATEMENT DATED 12/11/98.

Dear Mr Bordenave:

Based on the information provided on your December 14, 1998, the above referenced site is approved for Engineer's Certification release.

If I can be of further assistance, please feel free to contact me at 924-3330.

C:file

Sincerely,

Andrew Garcia
Drainage Inspector

DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: MCKINLEY MID-SCHOOL BASEBALL FIELD

DRNG. FILE #:G17/D19

DRB #:

EPC #:

WORK ORDER #:

LEGAL DESCRIPTION: MCKINLEY SCHOOL, BOARD OF EDUCATION ADDITION

CITY ADDRESS: ^{3401 Monroe St NE}
~~4500 COMANCHE ROAD NE~~

ENGINEERING FIRM: BORDENAVE DESIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, ALB, NM, 87199

PHONE: (505) 823-1344

OWNER: COA PARKS DEPT.

CONTACT: J. RUPLEY

ADDRESS: P.O. BOX 1293, ALB, NM, 87103

PHONE: (505) 857-8648

ARCHITECT: BARKER-MACFARLANE

CONTACT: R. ENGINEER

ADDRESS: 209 GOLD SW, ALB, NM 87102

PHONE: (505) 842-6789

SURVEYOR: BASELINE FIELD SERVICES

CONTACT: W. RICHARDS

ADDRESS: P.O. BOX 27589, 87125

PHONE: (505) 244-3326

CONTRACTOR: BRITTON CONSTRUCTION

CONTACT: R. BRITTON

ADDRESS: P.O. BOX 80194, 87198

PHONE: (505) 268-2626

TYPE OF SUBMITTAL:

- ☐ CONCEPT GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ DRAINAGE PLAN
- ☐ DRAINAGE REPORT
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION
- ☐ OTHER:

PRE-DESIGN MEETING:

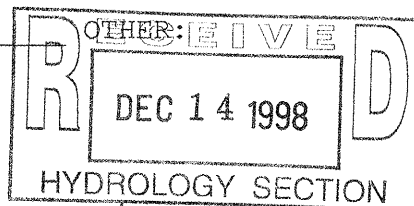
- ☒ YES
- ☐ NO
- ☐ N/A COPY OF MINUTES PROVIDED

TYPE OF APPROVAL SOUGHT:

- ☐ SECTOR PLAN
- ☐ SKETCH PLAT
- ☐ PRELIMINARY PLAT
- ☐ FINAL PLAT
- ☐ SITE DEV. PLAN FOR SUBD.
- ☐ SITE DEV. PLAN FOR PERMIT
- ☐ GRADING PERMIT
- ☐ PAVING PERMIT
- ☐ FOUNDATION PERMIT
- ☐ BUILDING PERMIT
- ☒ CERTIFICATE OF OCCUPANCY
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS

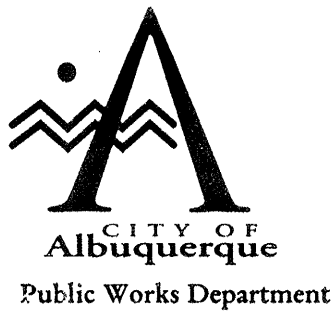
DATE SUBMITTED: 12/14/98

BY: [Signature]



30 day Temp CO. issued on

12/31/98
[Signature]



Martin J. Chávez, Mayor

April 22, 1997

Robert E. Gurulé, Director

Jake Bordenave
Bordenave Designs
P. O. Box 91194
Albuquerque, New Mexico 87199

RE: Grading and Drainage Plan for McKinley Middle School (G17/D19) Submitted for Grading Permit and Building Permit Approval, Engineer's Stamp Dated 3/20/97.

Dear Mr. Bordenave:

Based on the information provided in the submittal of March 21, 1997, the above referenced plan is approved for Rough Grading and Building Permit release for Phases 2 and 3.

As you are aware, the Engineer's Certification, per the D.P.M. is required for each of these phases, as well as for Phase 1.

If you should have any question, please call me at 924-3982.

Sincerely,

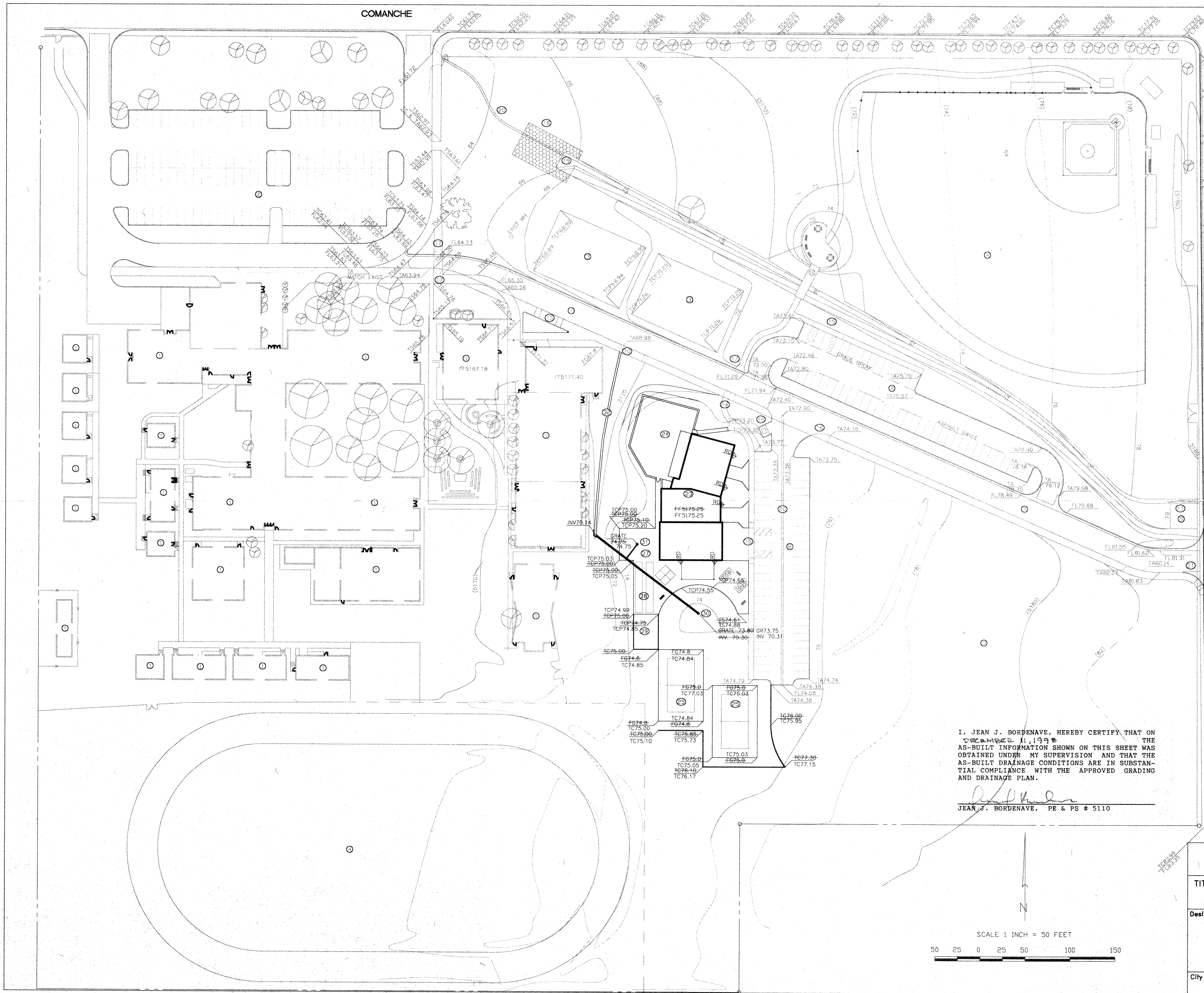
A handwritten signature in cursive script, reading 'Susan Calongne'.

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Andrew Garcia, City Hydrology
John Rupley, COA
Suzanne Busch, COA
File

Good for You, Albuquerque!





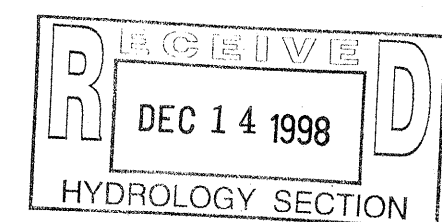
KEYED NOTES

EXISTING CONDITIONS

1. BUILDINGS
2. PARKING LOT
3. PLAYING COURTS
4. GRASSED PLAYING FIELD
5. VACANT LAND USED FOR PLAYING FIELDS AND PARKING
6. CONCRETE CHANNEL
7. BUS LANE W/ HEAVY ASPH. PAVING, 10/C-2
8. PARKING W/ STANDARD ASPH. PAVING, 9/C-2
9. CONCRETE CHANNEL
10. 2' SIDEWALK CULVERT PER CITY STD. DWG. 2236, MODIFY FOR 6" HIGH CURB.
11. CONCRETE CHANNEL INLET.
12. PAVED WALKWAY AND BRIDGE
13. 20' LONGITUDINAL SIDEWALK RAMP, 4/C-2
14. 6' LONGITUDINAL SIDEWALK RAMP, 4/C-2
15. 39' LONGITUDINAL SIDEWALK RAMP, 4/C-2
16. CORNER SIDEWALK RAMP, 3/C-2
17. TRANSVERSE SIDEWALK RAMP, 8/C-2
18. TYPE 'U' RIPRAP TRANSITION
19. CONCRETE CHANNEL SECTION TRANSITION
20. CONCRETE VALLEY GUTTER, 2/C-2
21. PRIVATE ENTRANCE PER CITY STD. DWG. 2426
22. EARTHWORK PLACED IN PRIOR CONTRACT FOR WORK AREA SHOWN BELOW.

PROPOSED PHASE 3 WORK

23. COMMUNITY CENTER BUILDING
24. ENCLOSED PLAY AREA
25. SAND VOLLEYBALL COURT
26. PAVED PATIO
27. PAVED WALL BALL COURT
28. PAVED SHUFFLE BOARD COURTS
29. SAND COURT
30. CATCH BASIN PER 1/C-2 W/ NEENAH GRATE R-6132 OR APPROVED EQUAL, 10" PVC OUTLET PIPE, INLET INV. 70.30, OUTLET INV. 70.00. 8" THICK CONC. HEADWALL AT OUTLET WITH 6" MINIMUM CONCRETE COVER AROUND PIPE. USE 1-NO. 4 REBAR (BENT) IN HEADWALL.
31. 3" PVC OUTLET PIPE FROM CAST IRON AREA DRAIN. CONNECT TO 10" PVC PIPE
32. VALLEY GUTTER, 2/C-2



TBM TOP BACK OF CURB
ELEVATION 5179.88

CHEROKEE

LEGEND

- | | |
|-----|--------------------------|
| TBM | TEMPORARY BENCHMARK |
| FF | FINISH FLOOR |
| FG | FINISH GRADE |
| FL | FLOWLINE |
| TA | TOP OF ASPHALT |
| TCP | TOP OF CONCRETE |
| TC | TOP OF CURB |
| TS | TOP OF SIDEWALK |
| TW | TOP OF WALL |
| CB | CATCH BASIN GRATE |
| PP | POWER POLE |
| RD | ROOF DRAINAGE POINT |
| --- | FEMA FLOODPLAIN BOUNDARY |
| --- | DRAINAGE BASIN BOUNDARY |
| --- | EXISTING CONTOUR |
| --- | PROPOSED CONTOUR |
| --- | EXISTING SPOT ELEVATION |
| --- | PROPOSED SPOT ELEVATION |
| --- | RECORD SPOT ELEVATION |

I, JEAN J. BORDENAVE, HEREBY CERTIFY THAT ON DECEMBER 11, 1998 THE AS-BUILT INFORMATION SHOWN ON THIS SHEET WAS OBTAINED UNDER MY SUPERVISION AND THAT THE AS-BUILT DRAINAGE CONDITIONS ARE IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED GRADING AND DRAINAGE PLAN.

JEAN J. BORDENAVE, PE & PS # 5110



SURVEY INFORMATION		FIELD NOTES		BENCH MARK		AS BUILT INFORMATION	
NO.	DATE	BY	DATE	ACS 2-017	ELEVATION	CONTRACTOR	CONSTR. DATE
1	05/96	BASELINE FIELD SERVICES	05/96	CHISELED SQUARE AT EASE SOUTHEAST CURB RETURN OF MADSON AND CANDELARIA NE	5178.091		
2	10/96	BASELINE FIELD SERVICES	10/96				
DESIGNED BY:		DRAWN BY:		CHECKED BY:		MICRO-FILM INFORMATION	
JJB		JJB				DATE: 07/97	
						DATE: 07/97	

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE:		McKINLEY COMMUNITY CENTER GRADING PLAN - PHASE 3	
Design Review Committee	City Engineer Approval	MO/YR	MO/YR
City Project No.	4875.92	Zone Map No.	G-17
		Sheet	Of
			C-1

Contours?

RECEIVED
MAR 21 1997
HYDROLOGY SECTION

SCALE 1 INCH = 50 FEET

50 25 0 25 50 100 150

1. BUILDINGS
2. PARKING LOT
3. PLAYING COURTS
4. GRASSED PLAYING FIELD
5. VACANT LAND USED FOR PLAYING
FIELDS AND PARKING
6. CONCRETE CHANNEL

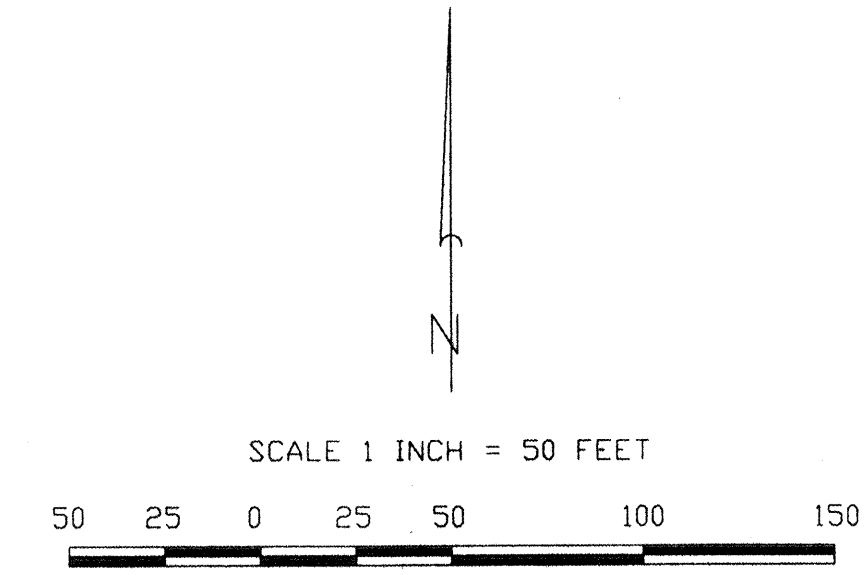
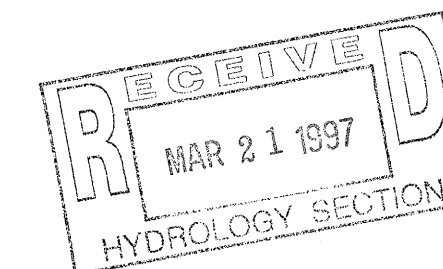
7. BUS LANE W/ HEAVY ASPH. PAVING
8. PARKING W/ LIGHT ASPH. PAVING
9. CONCRETE CHANNEL
10. SIDEWALK & CURBSETS
11. DETENTION POND, ENCLOSE W/ 4' CHAIN LINK FENCE. INSTALL 12" GATE IN CONCRETE POND INLET.
12. PAVED WALKWAY AND BRIDGE
13. 20' LONGITUDINAL SIDEWALK RAMP
14. 5' LONGITUDINAL SIDEWALK RAMP
15. 20' LONGITUDINAL SIDEWALK RAMP
16. CORNER SIDEWALK RAMP
17. TRANSVERSE SIDEWALK RAMP
18. TYPE 1L RIPRAP TRANSITION
19. CONCRETE CHANNEL SECTION TRANSITION
20. CONCRETE VALLEY GUTTER.
21. PRIVATE ENTRANCE PER CITY STD. DWG. 2426.

BASELINE END POINT
CHISLED SQUARE WITH DOT
IN TOP OF CURB.
N=-469.3277, E=1292.8935

TBM	TEMPORARY BENCHMARK
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FLOWLINE
TA	TOP OF ASPHALT
TCP	TOP OF CONCRETE
TC	TOP OF CURB
TS	TOP OF SIDEWALK
TW	TOP OF WALL
CB	CATCH BASIN GRATE
PP	POWER POLE
RD	ROOF DRAINAGE POINT
	FEMA FLOODPLAIN BOUNDARY
	DRAINAGE BASIN BOUNDARY
(5170)	EXISTING CONTOUR
5170	PROPOSED CONTOUR
	EXISTING SPOT ELEVATION
71.22	PROPOSED SPOT ELEVATION
71.34	RECORD SPOT ELEVATION
71.22	

BASELINE END POINT
SPIKE IN CURB EXP. JT.
N=-862.4544, E=1296.6869

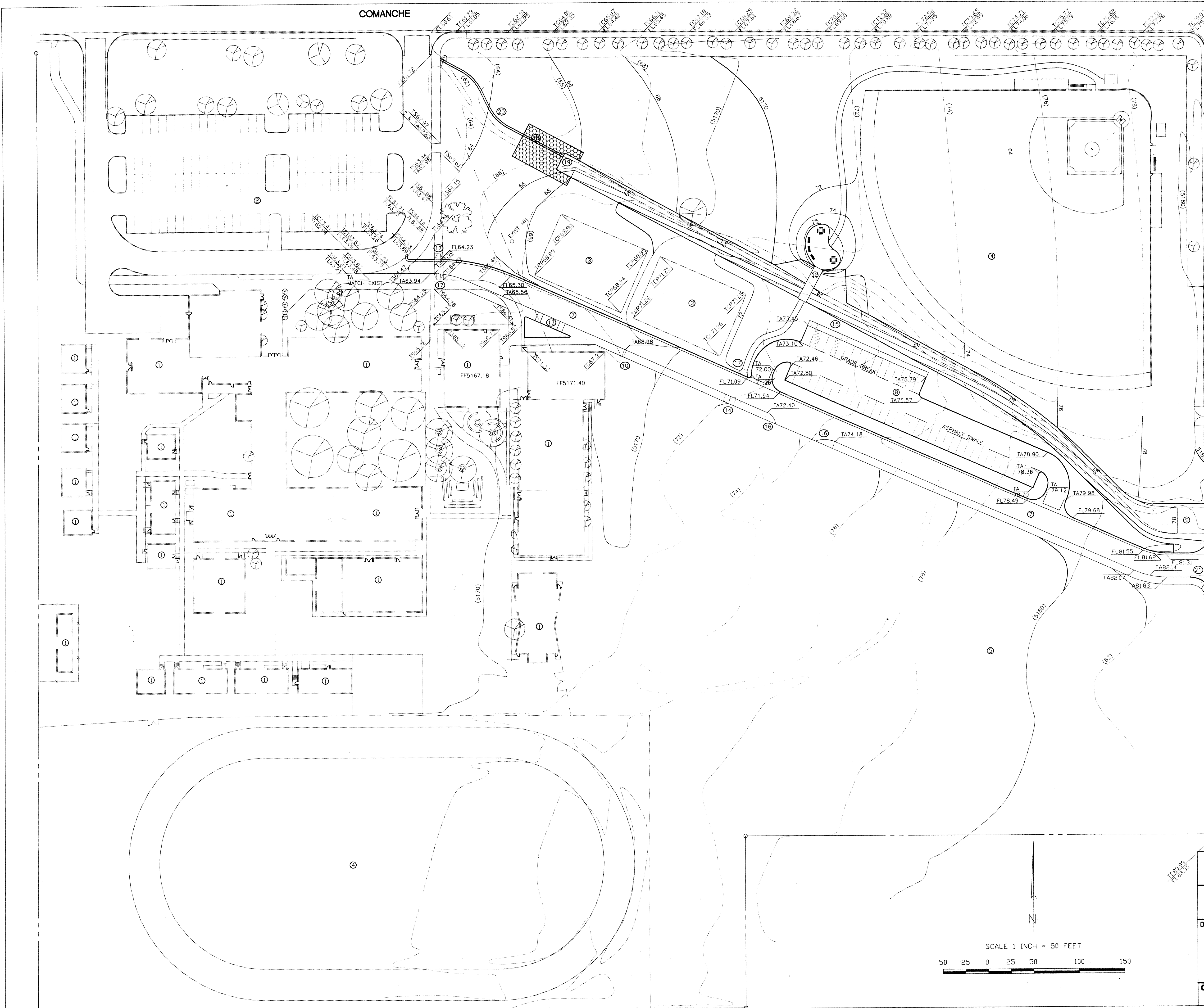
Contours

[illegible]

**CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION**

TITLE: **McKINLEY COMMUNITY CENTER
GRADING PLAN - PHASE 2**

Design Review Committee	City Engineer Approval	Last Design Update	12/1/2014	12/1/2014
City Project No.		Zone Map No.	Sheet	Of



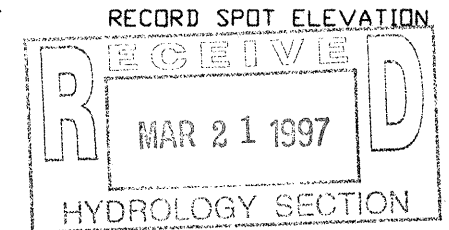
O KEYED NOTES

- EXISTING CONDITIONS
1. BUILDINGS
 2. PARKING LOT
 3. PLAYING COURTS
 4. GRASSED PLAYING FIELD
 5. VACANT LAND USED FOR PLAYING FIELDS AND PARKING
 6. CONCRETE CHANNEL

- PROPOSED PHASE II WORK
7. BUS LANE W/ HEAVY ASPH. PAVING
 8. PARKING W/ LIGHT ASPH. PAVING
 9. CONCRETE CHANNEL
 10. SIDEWALK CULVERTS
 11. DETENTION POND. ENCLOSE W/ 4' CHAIN LINK FENCE. INSTALL 12" GATE IN CONCRETE POND INLET
 12. PAVED WALKWAY AND BRIDGE
 13. 20' LONGITUDINAL SIDEWALK RAMP
 14. 6' LONGITUDINAL SIDEWALK RAMP
 15. 29' LONGITUDINAL SIDEWALK RAMP
 16. CORNER SIDEWALK RAMP
 17. TRANSVERSE SIDEWALK RAMP
 18. TYPE 'L' RIPRAP TRANSITION
 19. CONCRETE CHANNEL SECTION TRANSITION
 20. CONCRETE VALLEY GUTTER
 21. PRIVATE ENTRANCE PER CITY STD. DWG. 2426.

LEGEND

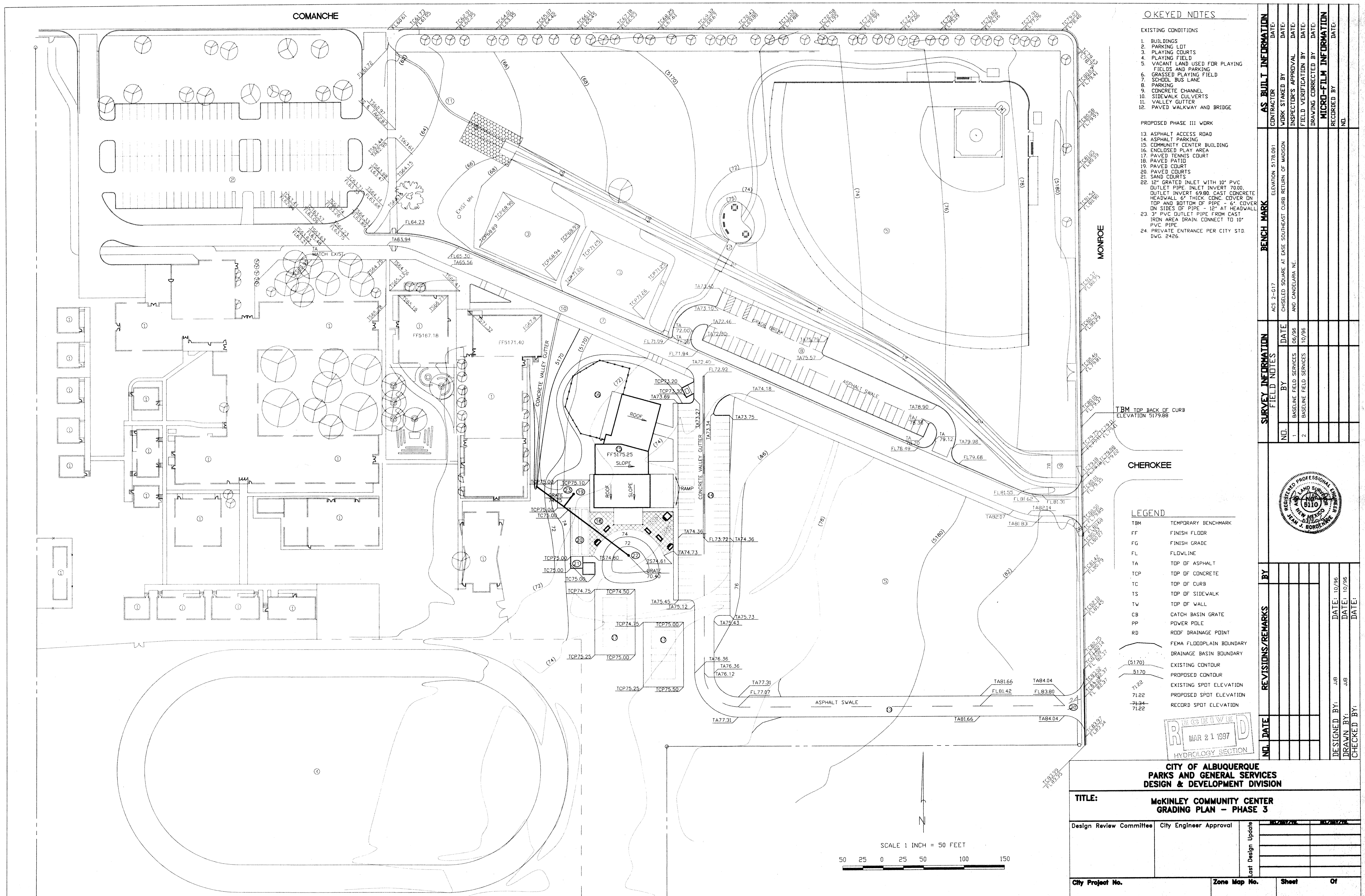
- TBM TEMPORARY BENCHMARK
- FF FINISH FLOOR
- FG FINISH GRADE
- FL FLOWLINE
- TA TOP OF ASPHALT
- TCP TOP OF CONCRETE
- TC TOP OF CURB
- TS TOP OF SIDEWALK
- TW TOP OF WALL
- CB CATCH BASIN GRATE
- PP POWER POLE
- RD ROOF DRAINAGE POINT
- FEMA FLOODPLAIN BOUNDARY
- DRAINAGE BASIN BOUNDARY
- (5170) EXISTING CONTOUR
- 5170 PROPOSED CONTOUR
- 71.22 EXISTING SPOT ELEVATION
- 71.22 PROPOSED SPOT ELEVATION
- 71.34 RECORD SPOT ELEVATION
- 71.22



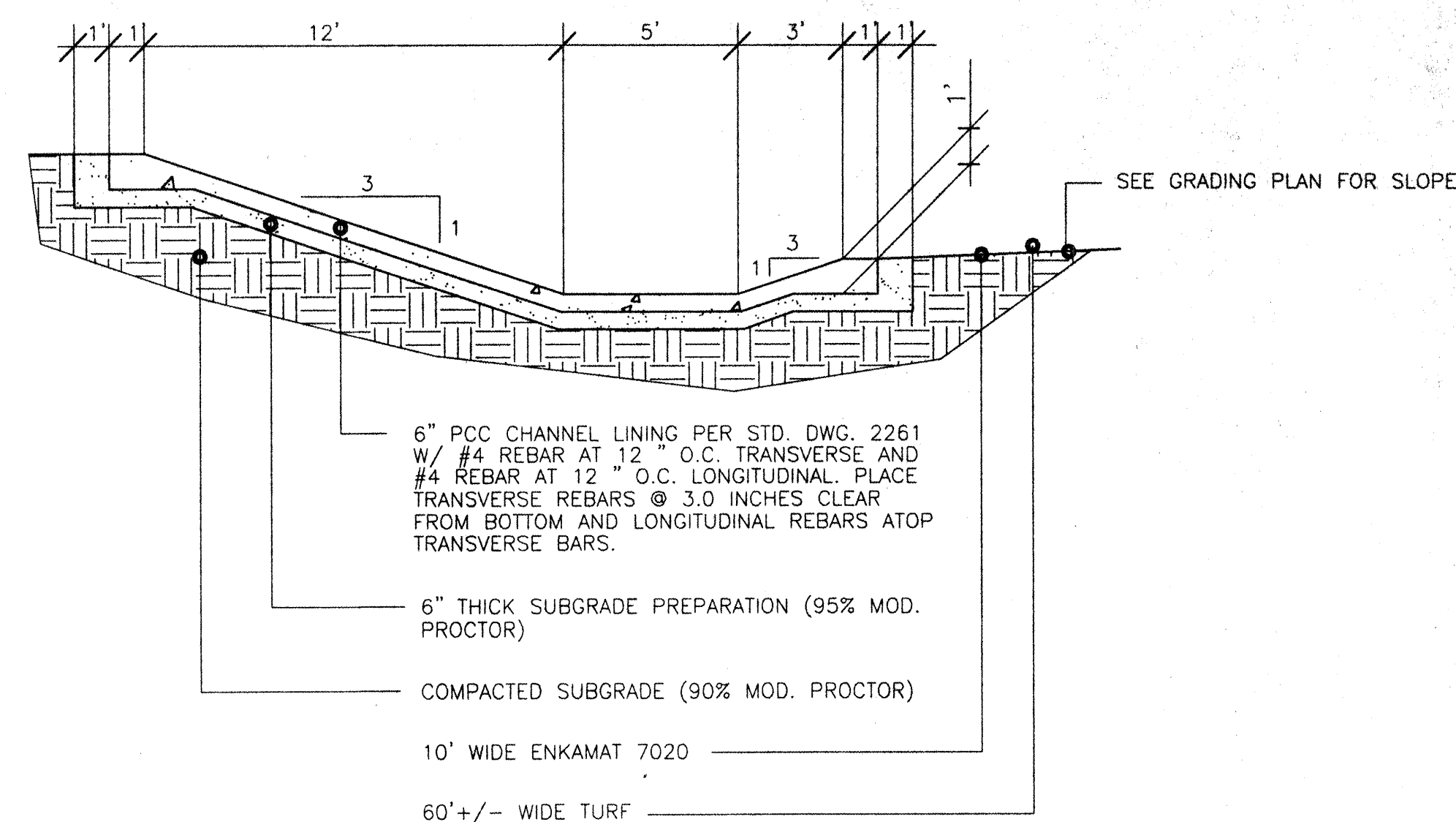
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: McKINLEY COMMUNITY CENTER GRADING PLAN - PHASE 2	
Design Review Committee	City Engineer Approval
City Project No.	Zone Map No.
Sheet	Of

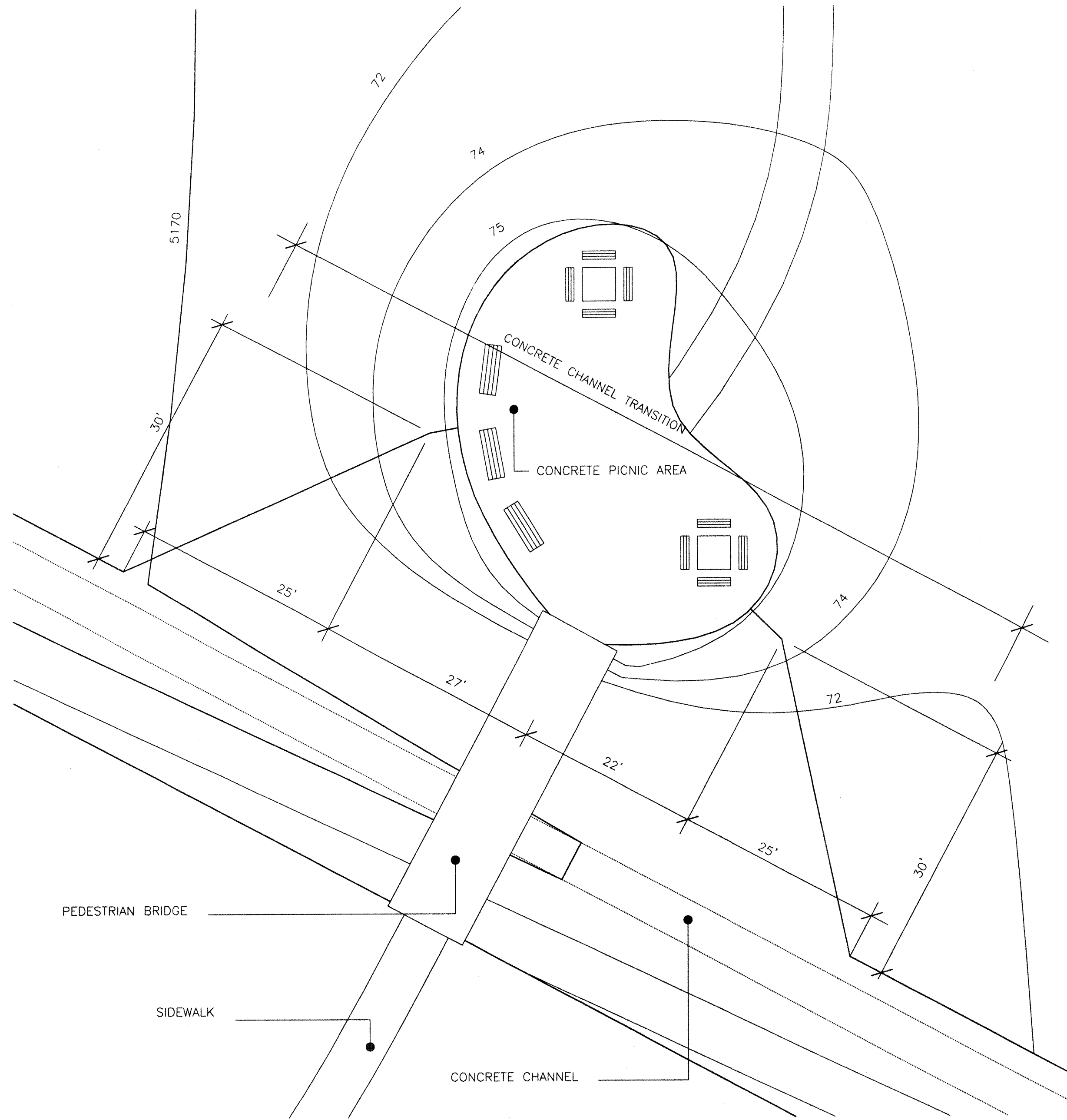
SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	DATE	DATE
1	BASELINE FIELD SERVICES	06/96	CHASED SQUARE AT EASE SOUTHEAST CURB RETURN OF MADISON AND CANDELARIA NE.	WORK STAKED BY	DATE
2	BASELINE FIELD SERVICES	10/96		INSPECTOR'S APPROVAL	DATE
				FIELD VERIFICATION BY	DATE
				DRAWING CORRECTED BY	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	NO.



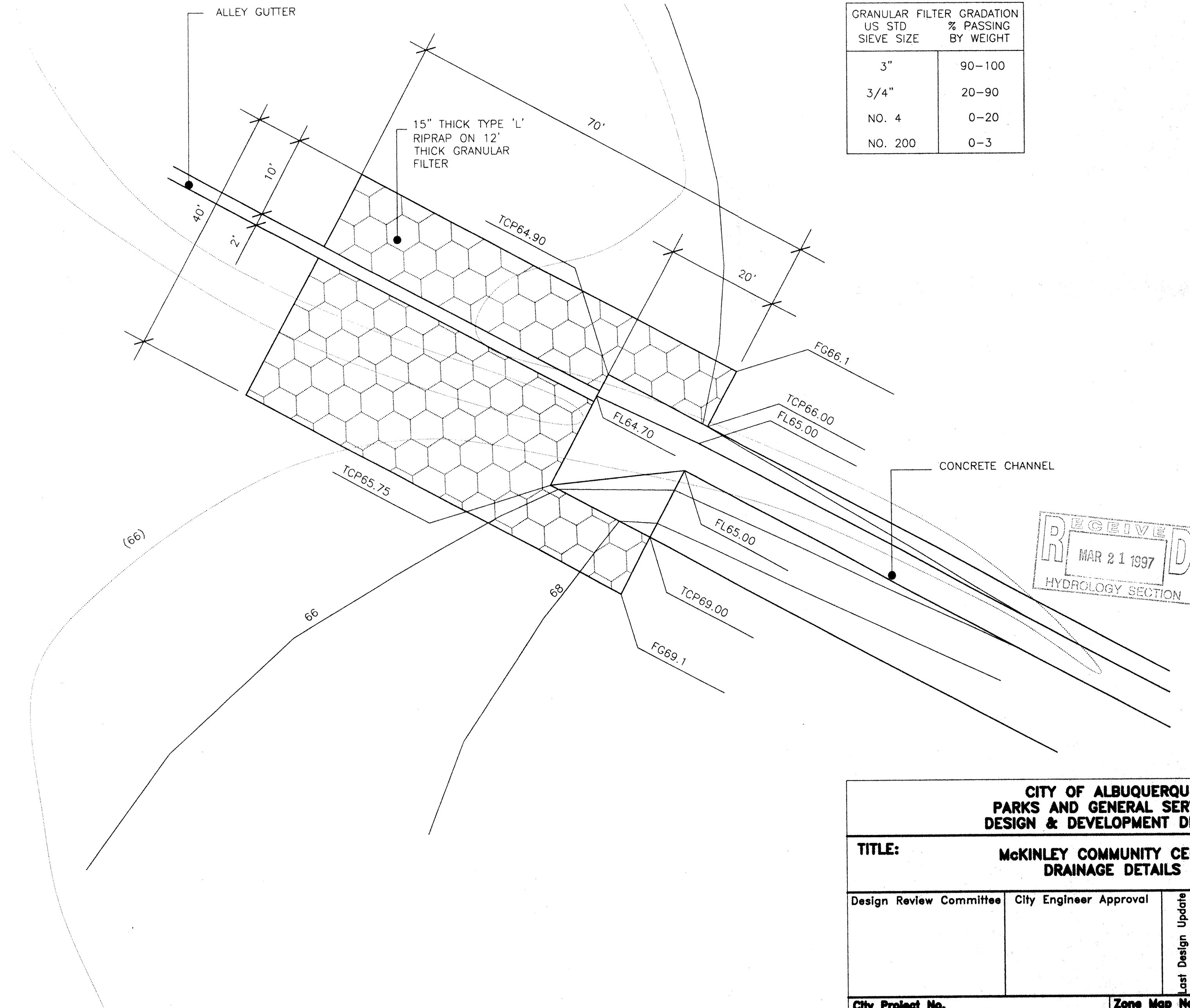
CONCRETE CHANNEL



CONCRETE CHANNEL AT BRIDGE



CONCRETE CHANNEL OUTLET



GRANULAR FILTER GRADATION	
US STD SIEVE SIZE	% PASSING BY WEIGHT
3"	90-100
3/4"	20-90
NO. 4	0-20
NO. 200	0-3

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		REVISIONS/REMARKS		CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION	
CONTRACTOR	DATE:			FIELD NOTES	DATE	NO.	DATE	TITLE:	McKINLEY COMMUNITY CENTER DRAINAGE DETAILS
WORK STAKED BY	DATE:			BY				Design Review Committee	City Engineer Approval
INSPECTOR'S APPROVAL	DATE:								
FIELD VERIFICATION BY	DATE:								
DRAWING CORRECTED BY	DATE:								
MICRO-FILM INFORMATION									
RECORDED BY	DATE:								
NO.									

DESIGNED BY: DATE:

DRAWN BY: DATE:

CHECKED BY: DATE:

City Project No.

Zone Map No.

Sheet

Of

2'-6" CURB AND GUTTER

VALLEY GUTTER

SIDEWALK RAMP-TRANSVERSE

SIDEWALK RAMP-LONGITUDINAL

HEADER CURB

HANDICAP SIGN

TURNDOWN SIDEWALK

SIDEWALK RAMP-TRANSVERSE

STANDARD ASPHALT PAVING

HEAVY ASPHALT PAVING

SIDEWALK

RECEIVED
MAR 21 1997
HYDROLOGY SECTION

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: **McKINLEY COMMUNITY CENTER
SITE DETAILS**

Design Review Committee City Engineer Approval

City Project No. Zone Map No. Sheet Of

AS BUILT INFORMATION

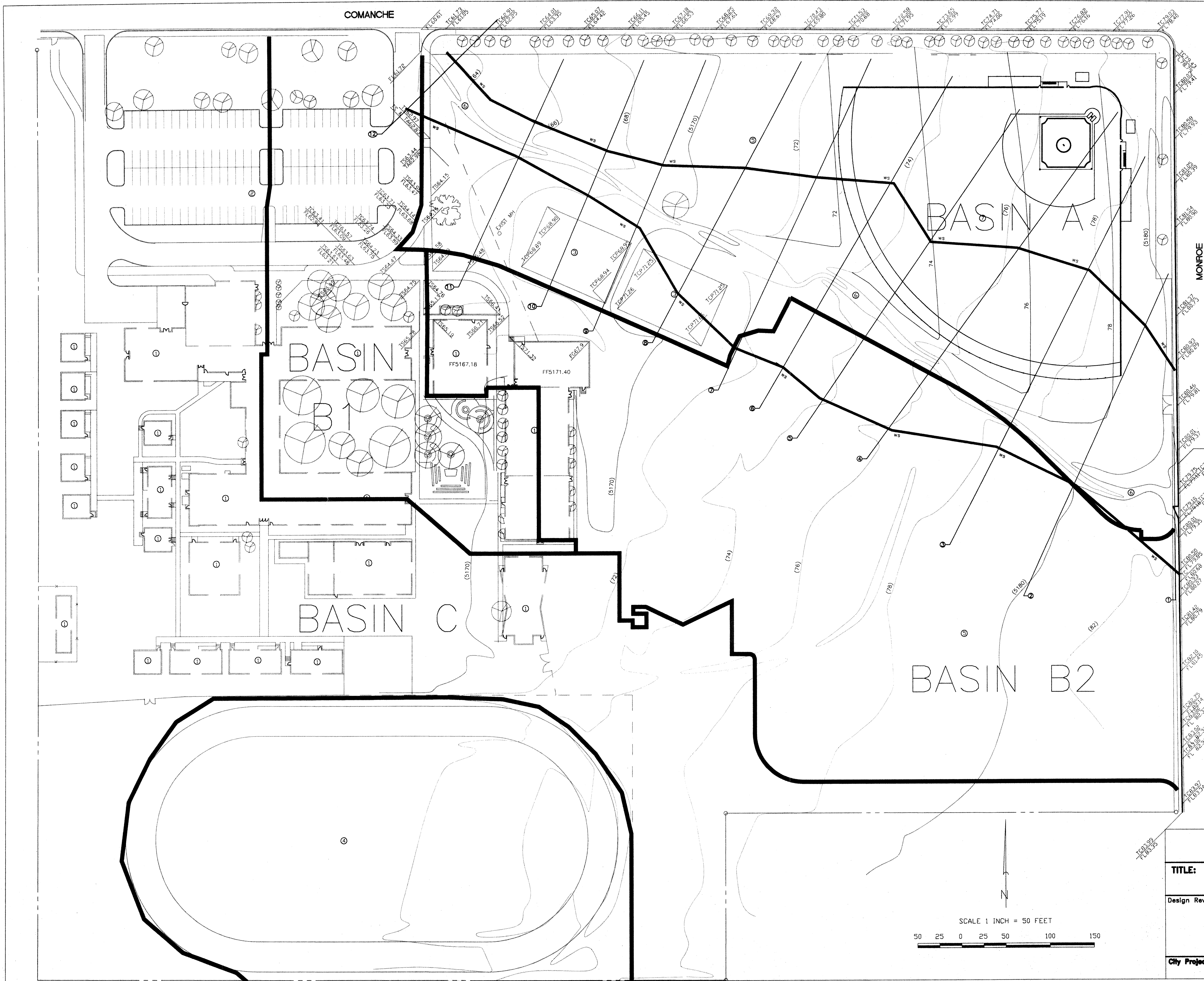
CONTRACTOR DATE: WORK STATED BY DATE: INSPECTOR'S APPROVAL DATE: FIELD VERIFICATION BY DATE: DRAWING CORRECTED BY DATE: MICRO-FILM INFORMATION RECORDED BY DATE: NO.

SURVEY INFORMATION

FIELD NOTES NO. BY DATE

REVISIONS/REMARKS BY DATE

DESIGNED BY: DATE: DRAWN BY: DATE: CHECKED BY: DATE:



OKEYED NOTES

EXISTING CONDITIONS

1. BUILDINGS
2. PARKING LOT
3. PLAYING COURTS
4. PLAYING FIELD
5. VACANT LAND USED FOR PLAYING FIELDS AND PARKING
6. CONCRETE CHANNEL

PROPOSED PHASE I WORK

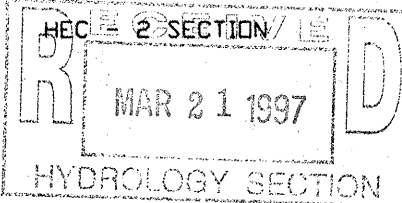
7. GRASSED PLAYING FIELD

TBM TOP BACK OF CURB
ELEVATION 5179.88

CHEROKEE

LEGEND

- TBM TEMPORARY BENCHMARK
- FF FINISH FLOOR
- FG FINISH GRADE
- FL FLOWLINE
- TA TOP OF ASPHALT
- TC TOP OF CONCRETE
- TC TOP OF CURB
- TS TOP OF SIDEWALK
- TW TOP OF WALL
- CB CATCH BASIN GRATE
- PP POWER POLE
- RD ROOF DRAINAGE POINT
- FEMA FLOODPLAIN BOUNDARY
- DRAINAGE BASIN BOUNDARY
- (5170) EXISTING CONTOUR
- 5170 PROPOSED CONTOUR
- 71.22 EXISTING SPOT ELEVATION
- 71.22 PROPOSED SPOT ELEVATION
- 71.34 RECORD SPOT ELEVATION
- 71.22



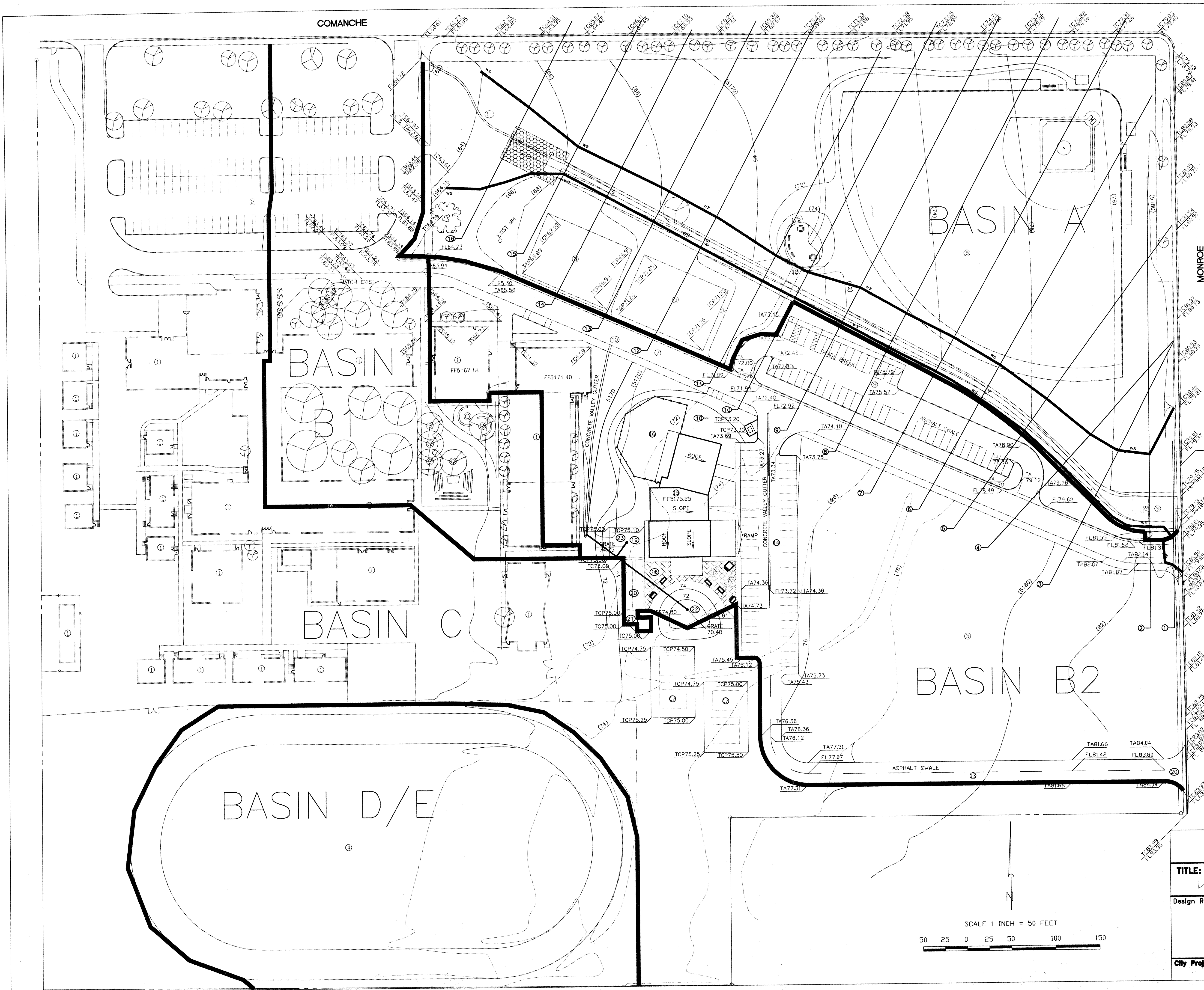
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: **McKINLEY COMMUNITY CENTER
BASINS, EXISTING CONDITION FLOOD PLAIN**

Design Review Committee City Engineer Approval

City Project No. Zone Map No. Sheet Of

NO. DATE		REVISIONS/REMARKS	BY	SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
				FIELD NOTES					
				BY		ACS 2-G17		CONTRACTOR	
				DATE		ELEVATION 5178.091		DATE	
				NO.				WORK STAKED BY	
				1		BASELINE FIELD SERVICES		INSPECTOR'S APPROVAL	
				2		BASELINE FIELD SERVICES		DATE	
								FIELD VERIFICATION BY	
								DATE	
								DRAWING CORRECTED BY	
								DATE	
								MICRO-FILM INFORMATION	
								RECORDED BY	
								DATE	
								NO.	



KEYED NOTES

EXISTING CONDITIONS

- 1. BUILDINGS
- 2. PARKING LOT
- 3. PLAYING COURTS
- 4. PLAYING FIELD
- 5. VACANT LAND USED FOR PLAYING FIELDS AND PARKING
- 6. GRASSED PLAYING FIELD
- 7. SCHOOL BUS LANE
- 8. PARKING
- 9. CONCRETE CHANNEL
- 10. SIDEWALK CULVERTS
- 11. VALLEY GUTTER
- 12. PAVED WALKWAY AND BRIDGE

PROPOSED PHASE III WORK

- 13. ASPHALT ACCESS ROAD
- 14. ASPHALT PARKING
- 15. COMMUNITY CENTER BUILDING
- 16. ENCLOSED PLAY AREA
- 17. PAVED TENNIS COURT
- 18. PAVED PATIO
- 19. PAVED COURT
- 20. PAVED COURTS
- 21. SAND COURTS
- 22. 12" GRADED INLET WITH 10" PVC OUTLET PIPE INLET INVERT 70.00, OUTLET INVERT 69.80, CAST CONCRETE HEADWALL 6" THICK CONE COVER ON TOP AND BOTTOM OF PIPE - 6" COVER ON SIDES OF PIPE - 12" AT HEADWALL
- 23. 3" PVC OUTLET PIPE FROM CAST IRON AREA DRAIN CONNECT TO 10" PVC PIPE
- 24. PRIVATE ENTRANCE PER CITY STD. DWG. 2426

LEGEND

- TBM TEMPORARY BENCHMARK
- FF FINISH FLOOR
- FG FINISH GRADE
- FL FLOWLINE
- TA TOP OF ASPHALT
- TCP TOP OF CONCRETE
- TC TOP OF CURB
- TS TOP OF SIDEWALK
- TW TOP OF WALL
- CB CATCH BASIN GRATE
- PP POWER POLE
- RD ROOF DRAINAGE POINT
- WS 100 YR STORM WATER SURFACE
- (S170) DRAINAGE BASIN BOUNDARY
- (S170) EXISTING CONTOUR
- (S170) PROPOSED CONTOUR
- 71.22 EXISTING SPOT ELEVATION
- 71.22 PROPOSED SPOT ELEVATION
- 71.22 RECORD SPOT ELEVATION
- HEC-2 SECTION

AS-BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		REVISIONS/REMARKS		BY		NO. DATE	
CONTRACTOR	DATE	ACS 2-517	ELEVATION 5178.031	FIELD NOTES	NO.	DATE	NO.	DATE	NO.	DATE	NO.
WORK STAKED BY	DATE	CHISELED SQUARE AT EAST SOUTHEAST CURB RETURN OF MADISON AND CANDELARIA NE	06/96	NO.	1	BASELINE FIELD SERVICES	06/96	NO.	1	BASELINE FIELD SERVICES	06/96
INSPECTOR'S APPROVAL	DATE			NO.	2	BASELINE FIELD SERVICES	10/96	NO.	2	BASELINE FIELD SERVICES	10/96
FIELD VERIFICATION BY	DATE										
DRAWING CORRECTED BY	DATE										
MICRO-FILM INFORMATION	DATE										
RECORDED BY	DATE										
NO.	DATE										

REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
5110
JAN 20 2000
BOULDER

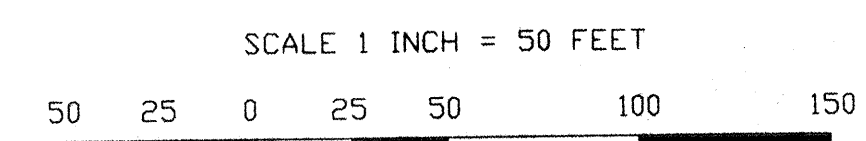
DESIGNED BY: JUB DATE: 10/96
DRAWN BY: JUB DATE: 10/96
CHECKED BY: JUB DATE: 10/96

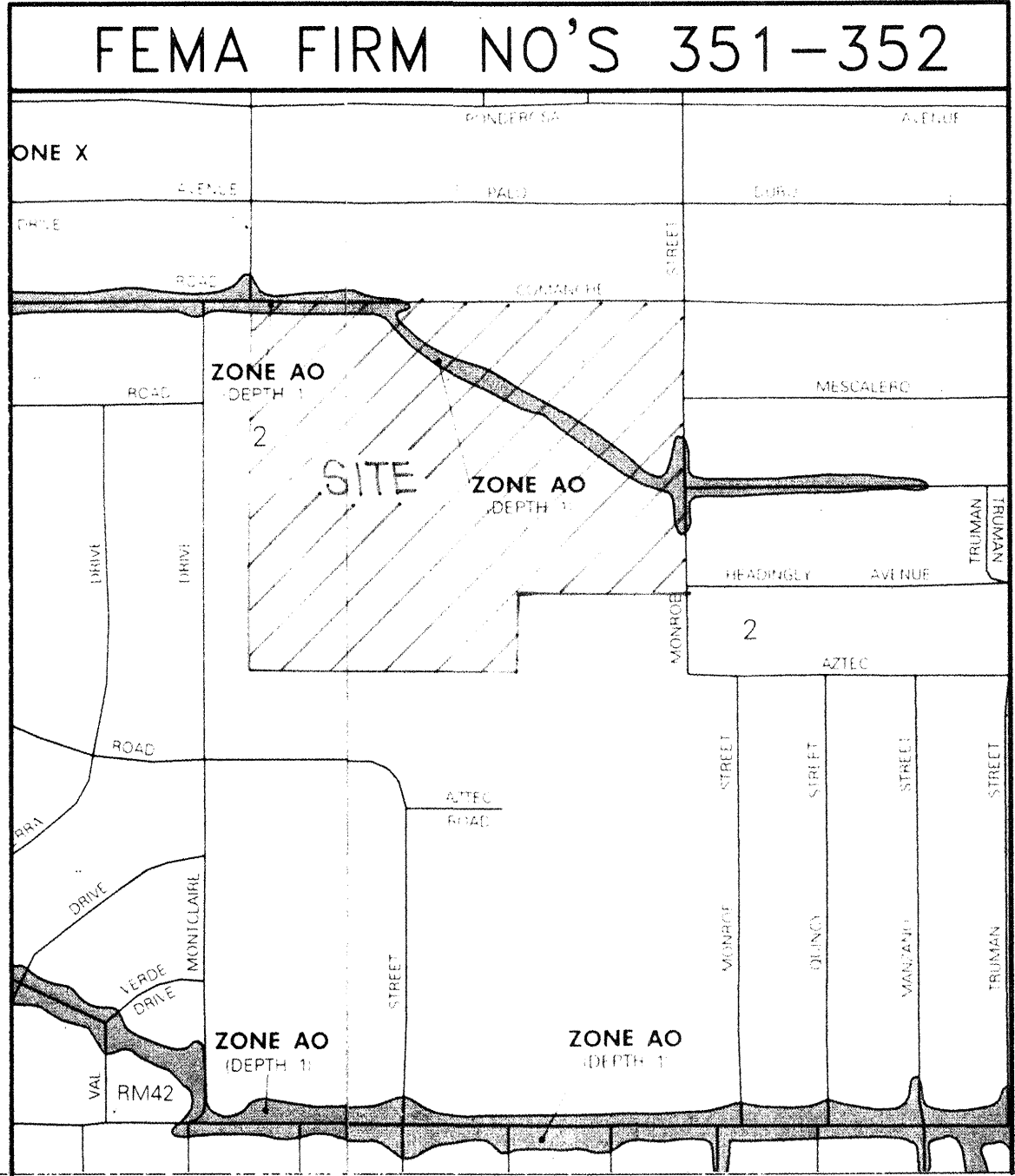
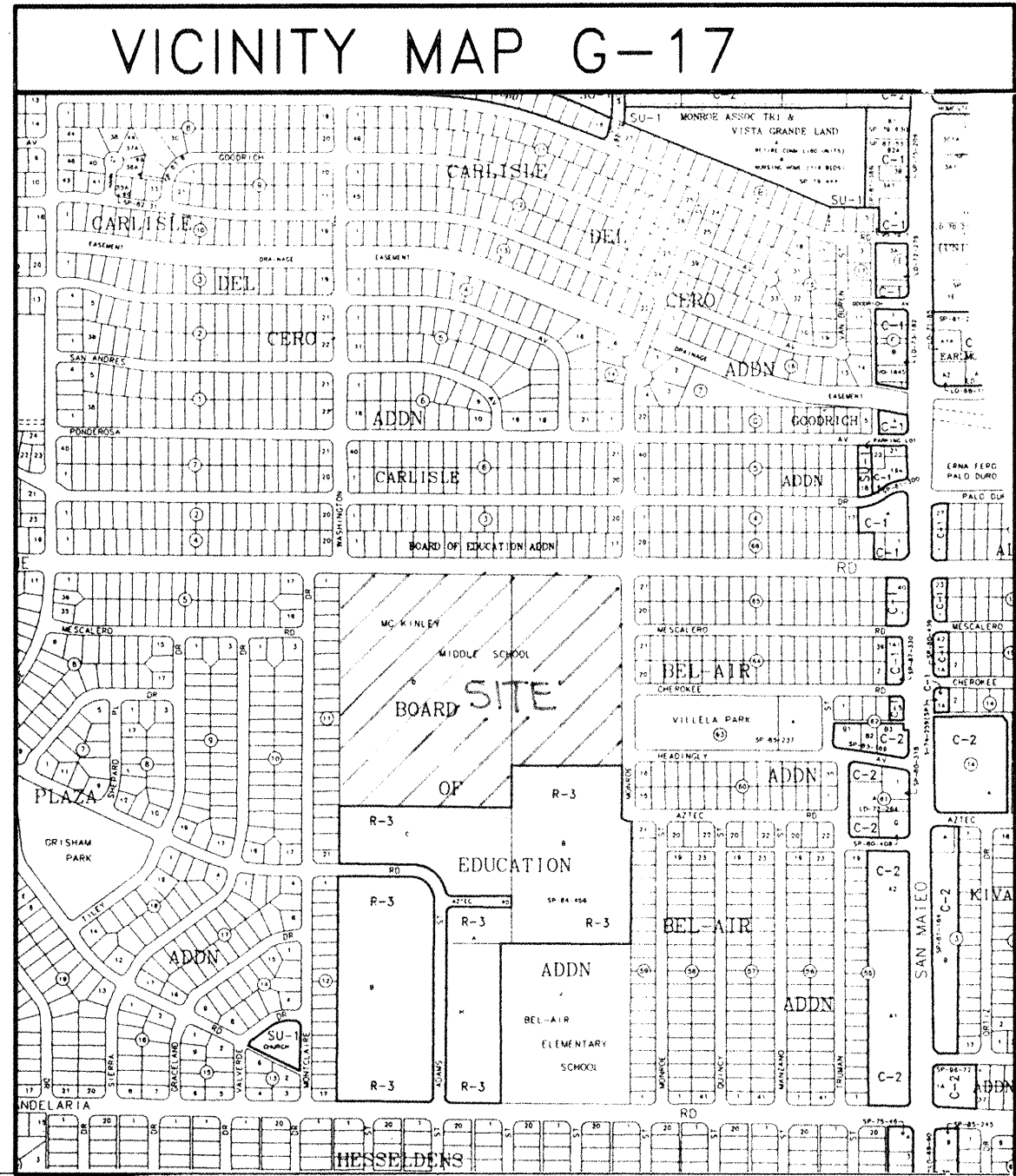
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: **McKINLEY COMMUNITY CENTER
DRAINAGE BASINS, PHASE 3 HEC-2 SECTIONS**

Design Review Committee City Engineer Approval

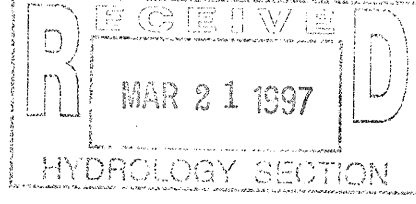
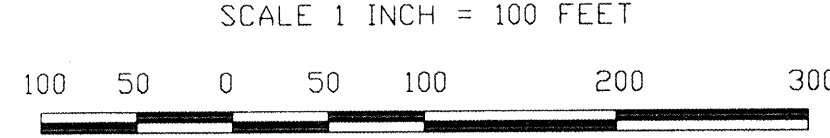
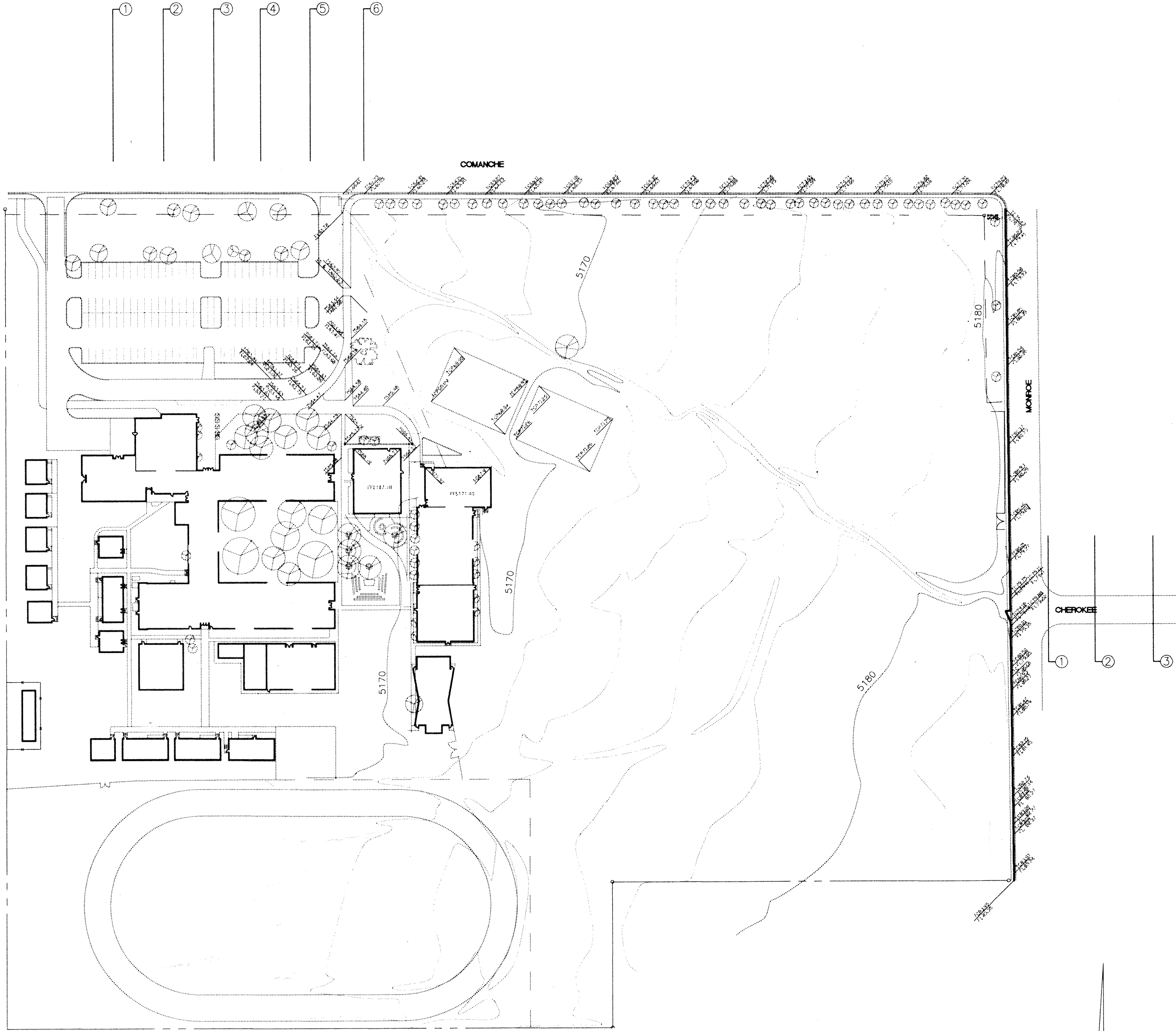
City Project No. Zone Map No. Sheet Of





OFFSITE HEC-2 SECTIONS

LEGAL DESCRIPTION	
TRACTS D AND E, BOARD OF EDUCATION ADDITION	
PERMANENT BENCHMARK	
ACS2-G17	ELEVATION 5178.091



CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION			
TITLE: McKINLEY COMMUNITY CENTER MAPS			
Design Review Committee	City Engineer Approval	Last Design Update	
City Project No.	Zone Map No.	Sheet	Of

SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
FIELD NOTES					
NO.	BY	DATE		CONTRACTOR	DATE
				WORK STAKED BY	DATE
				INSPECTOR'S APPROVAL	DATE
				FIELD VERIFICATION BY	DATE
				DRAWING CORRECTED BY	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	NO.

DESIGNED BY: JUB DATE: 10/96

DRAWN BY: JUB DATE: 10/96

CHECKED BY: DATE:

REGISTERED PROFESSIONAL ENGINEER
LAND SURVEYING
NEW MEXICO
5110
J. BORDOWITZ

DRAINAGE DATA

CONDITION	B A S I N	STORM RETURN PERIOD	TREATMENT TYPE	TREATMENT AREA	EXCESS PRECIPITATION	PEAK RUNOFF	RUNOFF VOLUME	RUNOFF RATE	CONDITION	B A S I N	STORM RETURN PERIOD	TREATMENT TYPE	TREATMENT AREA	EXCESS PRECIPITATION	PEAK RUNOFF	RUNOFF VOLUME	RUNOFF RATE
EXISTING	A	10	(table 4)	sq ft	(table 8)	(table 9)	cu ft	cfs	DEVELOPED PH I, II & III	B21	10	(table 4)	sq ft	(table 8)	(table 9)	cu ft	cfs
			A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	0	0.28	0.95	0	0.00				B	0	0.28	0.95	0	0.00
			C	222375	0.52	1.71	9636	8.73				C	0	0.52	1.71	0	0.00
			D	14700	1.34	3.14	1642	1.06				D	1575	1.34	3.14	176	0.11
			TOTAL	237075			11278	9.79				TOTAL	1575			176	0.11
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	0	0.78	2.28	0	0.00				B	0	0.78	2.28	0	0.00
			C	222375	1.13	3.14	20940	16.03				C	0	1.13	3.14	0	0.00
			D	14700	2.12	4.7	2597	1.59				D	1575	2.12	4.7	278	0.17
			TOTAL	237075			23537	17.62				TOTAL	1575			278	0.17
	B1	10	A	0	0.13	0.38	0	0.00		B22	10	A	0	0.13	0.38	0	0.00
			B	19755	0.28	0.95	461	0.43				B	0	0.28	0.95	0	0.00
			C	30148	0.52	1.71	1306	1.18				C	0	0.52	1.71	0	0.00
			D	80622	1.34	3.14	9003	5.81				D	11290	1.34	3.14	1261	0.81
			TOTAL	130525			10770	7.43				TOTAL	11290			1261	0.81
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	19755	0.78	2.28	1284	1.03				B	0	0.78	2.28	0	0.00
			C	30148	1.13	3.14	20940	16.03				C	0	1.13	3.14	0	0.00
			D	80622	2.12	4.7	14243	8.70				D	11290	2.12	4.7	1995	1.22
			TOTAL	130525			18366	11.91				TOTAL	11290			1995	1.22
	B2	10	A	0	0.13	0.38	0	0.00		B23	10	A	0	0.13	0.38	0	0.00
			B	73360	0.28	0.95	1712	1.50				B	0	0.28	0.95	0	0.00
			C	220288	0.52	1.71	5546	8.65				C	24640	0.52	1.71	1068	0.97
			D	30425	1.34	3.14	3397	2.19				D	7959	1.34	3.14	889	0.57
			TOTAL	324073			14655	12.44				TOTAL	32599			1956	1.54
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	73360	0.78	2.28	4768	3.84				B	0	0.78	2.28	0	0.00
			C	220288	1.13	3.14	20744	15.88				C	24640	1.13	3.14	2320	1.78
			D	30425	2.12	4.7	5375	3.28				D	7959	2.12	4.7	1405	0.86
			TOTAL	324073			30887	23.00				TOTAL	32599			3724	2.63
	C	10	A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	31683	0.28	0.95	739	0.69				B	0	0.28	0.95	0	0.00
			C	262958	0.52	1.71	11385	10.32				C	0	0.52	1.71	0	0.00
			D	393620	1.34	3.14	11063	7.13				D	11290	1.34	3.14	1995	1.22
			TOTAL	393620			23187	18.15				TOTAL	11290			1995	1.22
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	31683	0.78	2.28	2059	1.66				B	0	0.78	2.28	0	0.00
			C	262958	1.13	3.14	24762	18.96				C	0	1.13	3.14	2320	1.78
			D	393620	2.12	4.7	17486	10.68				D	7959	2.12	4.7	1405	0.86
			TOTAL	393620			44308	31.29				TOTAL	32599			3724	2.63
	D/E	10	A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	102203	0.28	0.95	2385	2.23				B	0	0.28	0.95	0	0.00
			C	69193	0.52	1.71	2998	2.72				C	0	0.52	1.71	0	0.00
			D	0	1.34	3.14	0	0.00				D	0	1.34	3.14	0	0.00
			TOTAL	171396			5383	4.95				TOTAL	0			0	0.00
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	102203	0.78	2.28	6643	5.35				B	0	0.78	2.28	0	0.00
			C	69193	1.13	3.14	6516	4.99				C	0	1.13	3.14	0	0.00
			D	0	2.12	4.7	0	0.00				D	0	2.12	4.7	0	0.00
			TOTAL	171396			13159	10.34				TOTAL	0			0	0.00
DEVELOPED A PH I, II & III		10	A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	176165	0.28	0.95	4111	3.84				B	0	0.28	0.95	0	0.00
			C	35600	0.52	1.71	1543	1.40				C	0	0.52	1.71	0	0.00
			D	25310	1.34	3.14	2826	1.82				D	0	1.34	3.14	0	0.00
			TOTAL	237075			8479	7.06				TOTAL	0			0	0.00
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	176165	0.78	2.28	11451	9.22				B	0	0.78	2.28	0	0.00
			C	35600	1.13	3.14	3352	2.57				C	0	1.13	3.14	0	0.00
			D	25310	2.12	4.7	4471	2.73				D	0	2.12	4.7	0	0.00
			TOTAL	237075			19274	14.52				TOTAL	0			0	0.00
	B1	10	A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	19755	0.28	0.95	461	0.43				B	0	0.28	0.95	0	0.00
			C	31898	0.52	1.71	1382	1.25				C	0	0.52	1.71	0	0.00
			D	78872	1.34	3.14	8807	5.69				D	0	1.34	3.14	0	0.00
			TOTAL	130525			10651	7.37				TOTAL	0			0	0.00
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	19755	0.78	2.28	1284	1.03				B	0	0.78	2.28	0	0.00
			C	31898	1.13	3.14	3004	2.30				C	0	1.13	3.14	0	0.00
			D	78872	2.12	4.7	13934	8.51				D	0	2.12	4.7	0	0.00
			TOTAL	130525			18222	11.84				TOTAL	0			0	0.00
	B2	10	A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	16325	0.28	0.95	381	0.36				B	0	0.28	0.95	0	0.00
			C	177825	0.52	1.71	7706	6.98				C	0	0.52	1.71	0	0.00
			D	129923	1.34	3.14	14508	9.37				D	0	1.34	3.14	0	0.00
			TOTAL	324073			22595	16.70				TOTAL	0			0	0.00
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	16325	0.78	2.28	1061	0.85				B	0	0.78	2.28	0	0.00
			C	177825	1.13	3.14	16745	12.82				C	0	1.13	3.14	0	0.00
			D	129923	2.12	4.7	22953	14.02				D	0	2.12	4.7	0	0.00
			TOTAL	324073			40759	27.69				TOTAL	0			0	0.00
	C	10	A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	18858	0.28	0.95	440	0.41				B	0	0.28	0.95	0	0.00
			C	267783	0.52	1.71	11804	10.51				C	0	0.52	1.71	0	0.00
			D	106979	1.34	3.14	11946	7.71				D	0	1.34	3.14	0	0.00
			TOTAL	393620			23990	18.63				TOTAL	0			0	0.00
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	18858	0.78	2.28	1226	0.99				B	0	0.78	2.28	0	0.00
			C	267783	1.13	3.14	16745	12.82				C	0	1.13	3.14	0	0.00
			D	106979	2.12	4.7	18900	11.54				D	0	2.12	4.7	0	0.00
			TOTAL	393620			45342	31.83				TOTAL	0			0	0.00
	D/E	10	A	0	0.13	0.38	0	0.00				A	0	0.13	0.38	0	0.00
			B	102203	0.28	0.95	2385	2.23				B	0	0.28	0.95	0	0.00
			C	69193	0.52	1.71	2998	2.72				C	0	0.52	1.71	0	0.00
			D	0	1.34	3.14	0	0.00				D	0	1.34	3.14	0	0.00
			TOTAL	171396			5383	4.95				TOTAL	0			0	0.00
		100	A	0	0.53	1.56	0	0.00			100	A	0	0.53	1.56	0	0.00
			B	102203	0.78	2.28	6643	5.35				B	0	0.78	2.28	0	0.00
			C	69193	1.13	3.14	6516	4.99				C	0	1.13	3.14	0	0.00
			D	0	2.12	4.7	0	0.00				D	0	2.12	4.7		