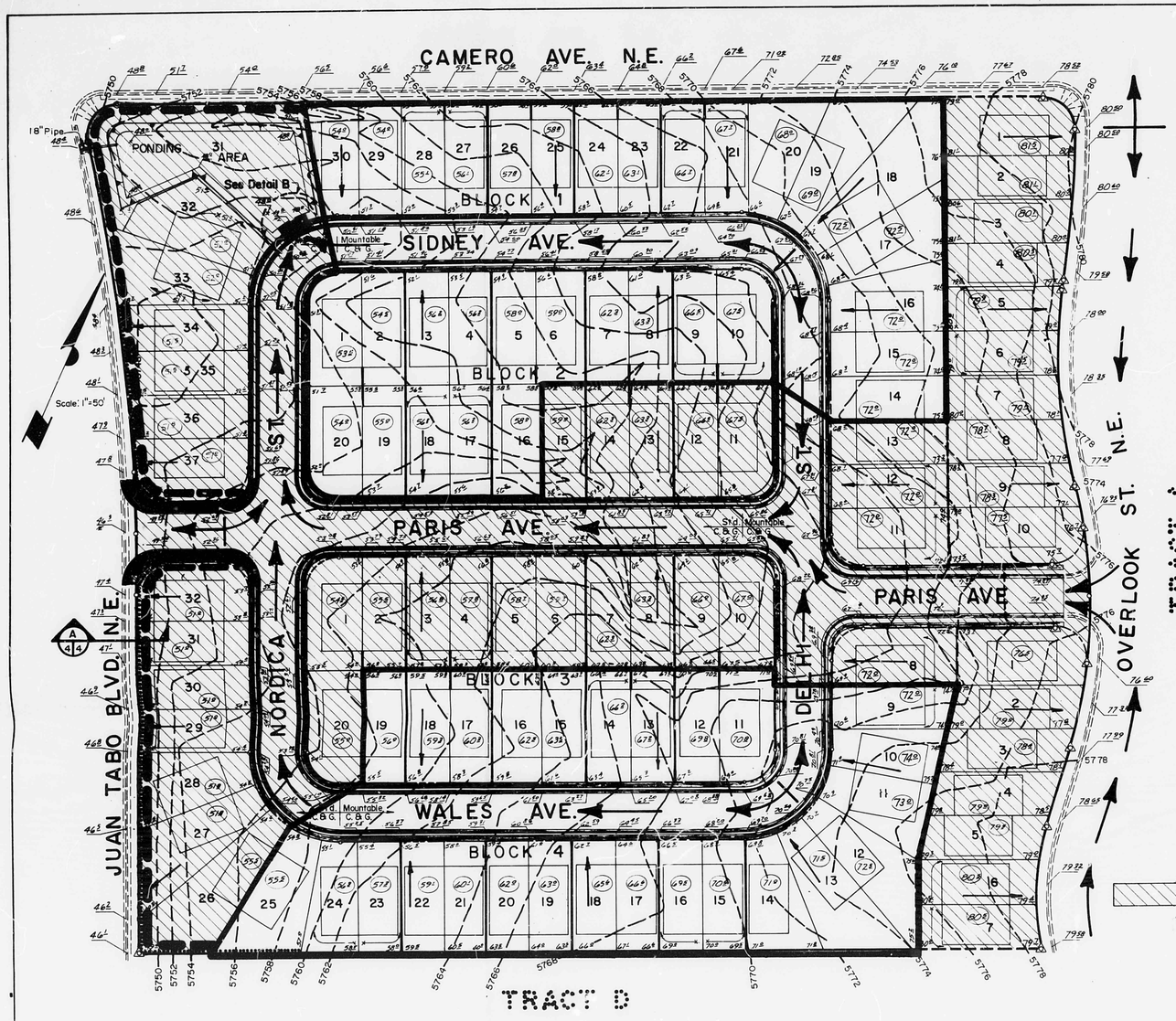
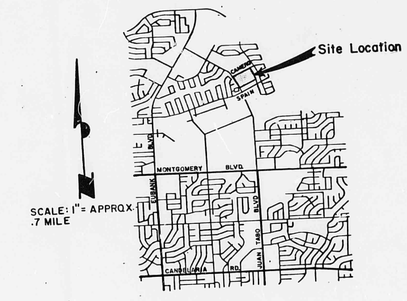
HYDROLOGY

F21/D10D
4 PLANS

F21/D10D

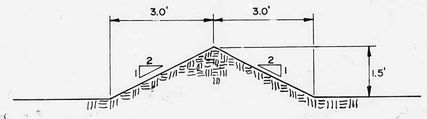
H Plans





LOCATION MAP
ZONE ATLAS MAP No. Z F-21

PREVIOUSLY GRADED UNDER PHASE I & II



EROSION CONTROL BERM (A 4/4)

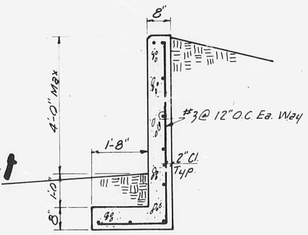
GRADING PLAN

- 5' RETAINING WALL
- 4' RETAINING WALL
- 2' to 3' RETAINING WALL
- (61.8) EARTHEN FINISH PAD ELEVATION
- 61.0 FINISHED SPOT ELEVATIONS
- EXISTING CONTOURS
- FLOW PATH OF RUNOFF
- EROSION CONTROL BERM

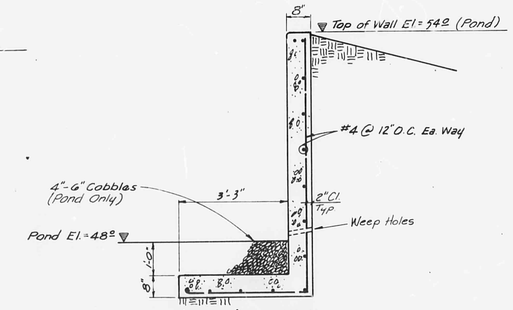
THE AREA OUTLINED ABOVE REPRESENTS THE AREA OF THE GRADING PLAN THAT WILL APPLY TO PHASE III, IV, V, VI ROUGH & FINE GRADING ACTIVITIES.

APPROVED 5/10/84
CITY ENGINEER DATE

FINISHING FLOOR ELEVATIONS WILL BE 0.5' HIGHER THAN FINISHED EARTHEN PAD ELEVATIONS.



2' to 4' Ret. Walls



5' and 6' Ret. Walls

RETAINING WALL SECTIONS

GARY W. TIBLJAS NEW MEXICO 8117 REGISTERED PROFESSIONAL ENGINEER 10/27/83

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE

REFERENCES	
MAP NO.	F-21
EST. NO.	
W.O. NO.	

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

BENCH MARKS	
CONTRACTOR	
WORK STAKED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
CONTRACTOR CORRECTED BY	DATE

AS BUILT INFORMATION
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

NO.	DATE	REVISIONS	BY
		REMARKS	

DESIGN		
DESIGNED BY	G.W.T.	DATE 10/83
DRAWN BY	L.C.G., T.J.M. & D.A.S.	DATE 10/83
CHECKED BY	T.J.M.	DATE 12/83

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

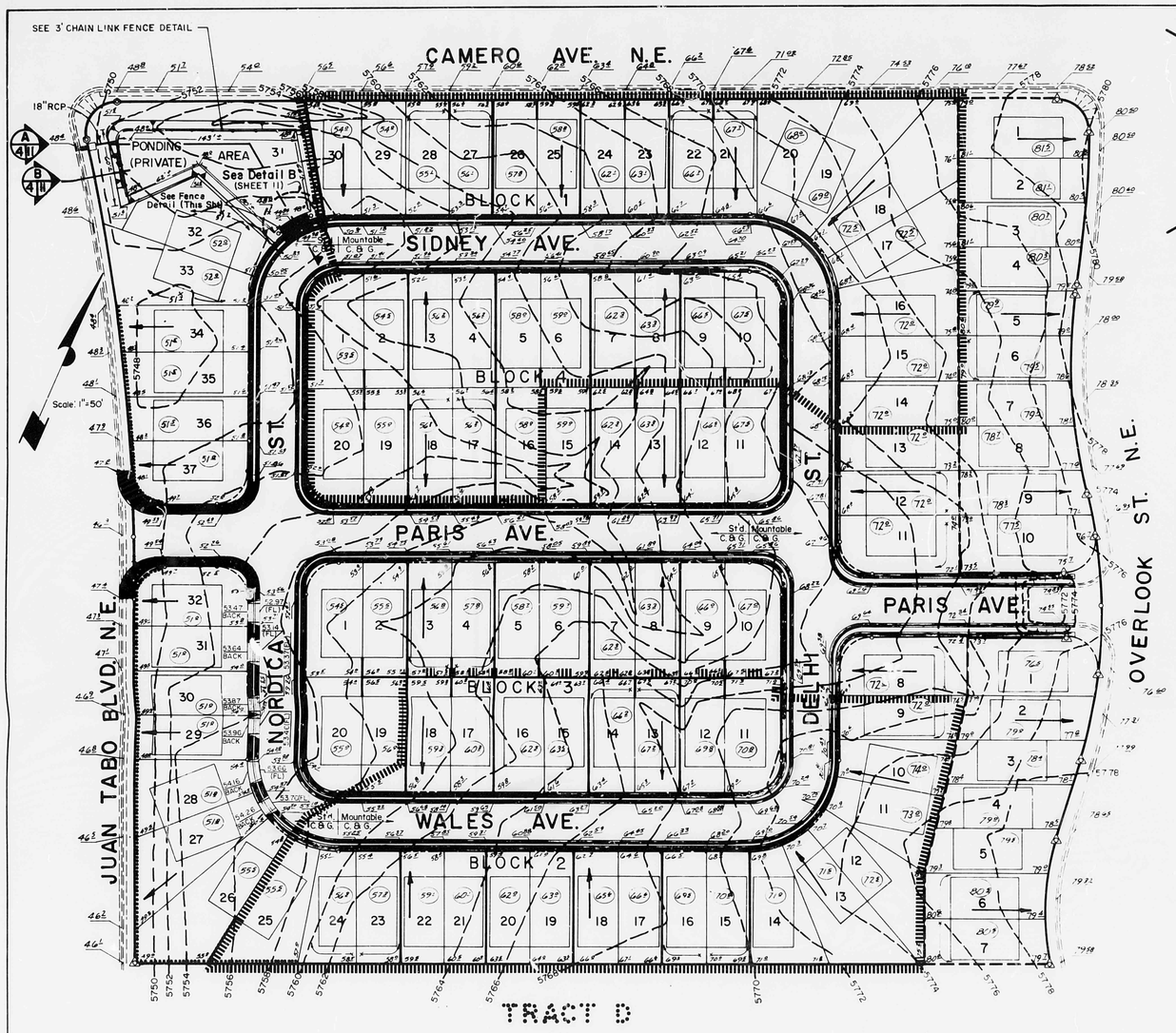
TITLE: ACADEMY SQUARE – UNIT ONE
PHASE III – VI INTERIM GRADING & DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

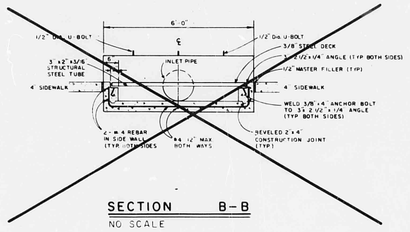
DRAWING NO. 2006 SHEET 1 OF 1

D.G.A. JOB NO. 616.32

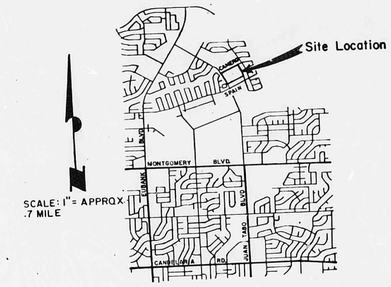
2006



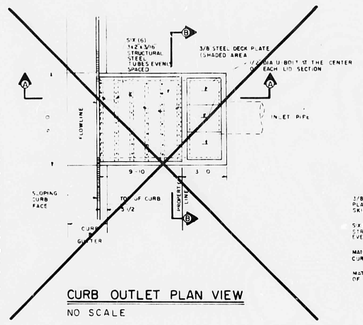
GRADING PLAN



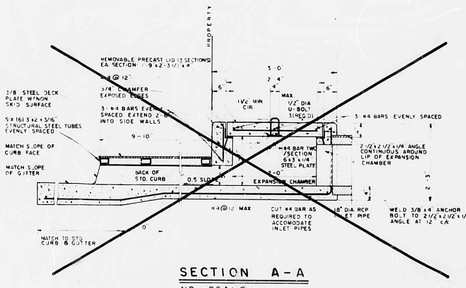
SECTION B-B
NO SCALE



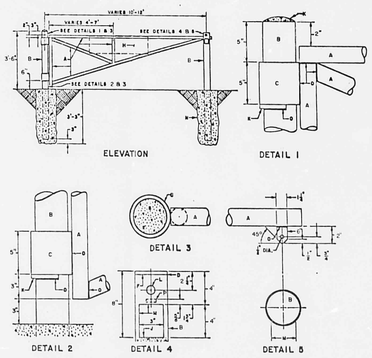
LOCATION MAP
ZONE ATLAS MAP No. Z F-21



CURB OUTLET PLAN VIEW
NO SCALE



SECTION A-A
NO SCALE



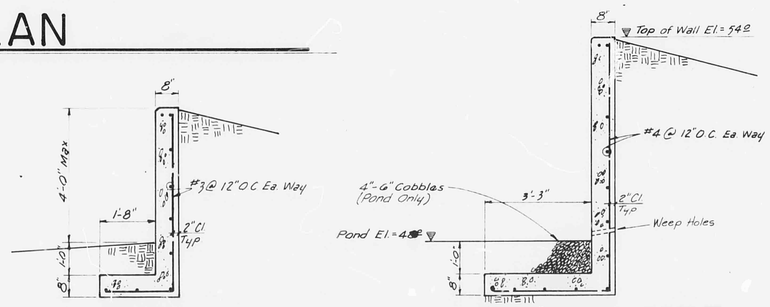
PIPE GATE DETAIL
NO SCALE

GENERAL NOTES:

1. ALL WELDED AND CUT AREAS TO BE CLEANED THOROUGHLY WITH A WIRE BRUSH AND/OR SAND BLAST AND REGALVANIZED.
2. BACKFILLING SHALL BE DONE WITH SHOP, WILLIAMS ZINC CLAD 7 PRIMER OR EQUAL.

CONSTRUCTION NOTES:

A. 3" NOMINAL DIA. SCH. 80 PIPE, MIN. WEIGHT PER FT. 3.68 LBS.
B. 4" NOMINAL DIA. SCH. 80 PIPE, MIN. WEIGHT 15.79 LBS. (CONC. FILLED).
C. 6" NOMINAL DIA. SCH. 80 PIPE, MIN. WEIGHT 18.83 LBS.
D. 1/4" BUTT WELD ALL AROUND.
E. CONCRETE MOUNDED AT TOP OF POST.
F. 1/4"x4" DIA. STEEL PLATE.
G. 1/4" STEEL PLATE FLANGE.
H. REFLECTIVE SIGN STATING, AUTHORIZED VEHICLES ONLY, WILL BE PROVIDED AND INSTALLED BY CITY.
I. STOP COUC. IN PIPE AT THIS POINT.
J. 1/2" RD. STEEL BAR FOR WHEEL SUPPORT POSITION BAR TO ALLOW UNRESTRICTED GATE ROTATION THROUGH ENTIRE ARMIN OF GATE OPERATE.
L. 1/2" DIA. FINGER HOLE.
M. MAKE A 3"x4" CUT IN PIPE.
N. 3,000 PSI AIR ENTRAINED FLY ASH CONC.
O. WELD ALL 6" PIPE & FIXTURE CONNECTION WITH 1/4" FILLET ALL AROUND.
P. 1/4"x4" SLOT FOR STEEL PLATE FLANGE



2' to 4' Ret. Walls, PHASE III

5' and 6' Ret. Walls, PHASE III

RETAINING WALL SECTIONS

AS BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH MARKS
BRASS CAP "77-120-1" (ACS)
NEW MEXICO STATE PLANE COORDINATES, (CENTRAL ZONE) X = 419,858.52, Y = 1,507,815.23, ELEV. = 5748.59
Δ α = -0°09'16"
GROUND TO GRID FACTOR = 0.9996325

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

REFERENCES
MAP NO. F-21 W.O. NO.
EST NO.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY G.W.T. DATE 10/83
DRAWN BY L.C.G., T.J.M. & G.A.S. DATE 10/83
CHECKED BY T.J.M. DATE 4/84

GARY W. TIBLIAS
N.M. REG. NO. 8117
REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

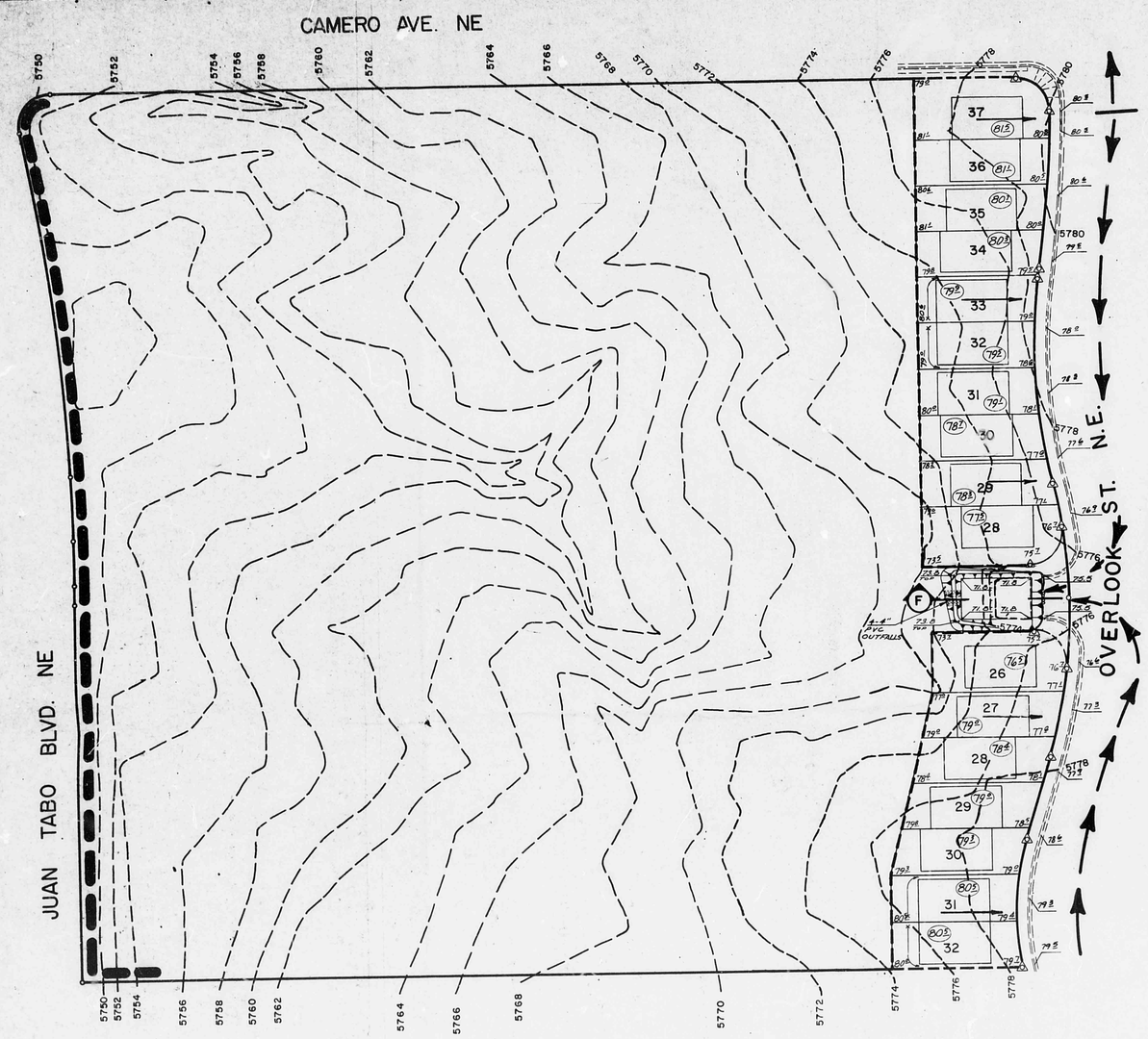
TITLE: ACADEMY SQUARE SUBDIVISION UNIT I
GRADING PLAN and DETAILS

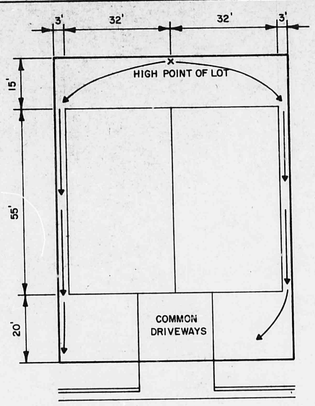
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	K. Kaiser	6/13/84
A.C.E.-Design			Traffic	T.W. Kennedy	6/13/84
A.C.E.-Hydrology			Water	K. Kaiser	6/13/84

DRAWING NO. 2138 SHEET 4 OF 9

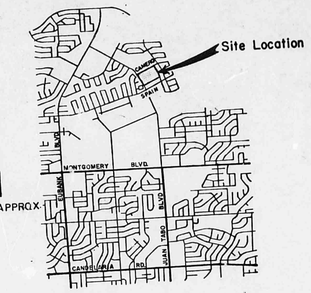
D.G.A. JOB NO. 616.32

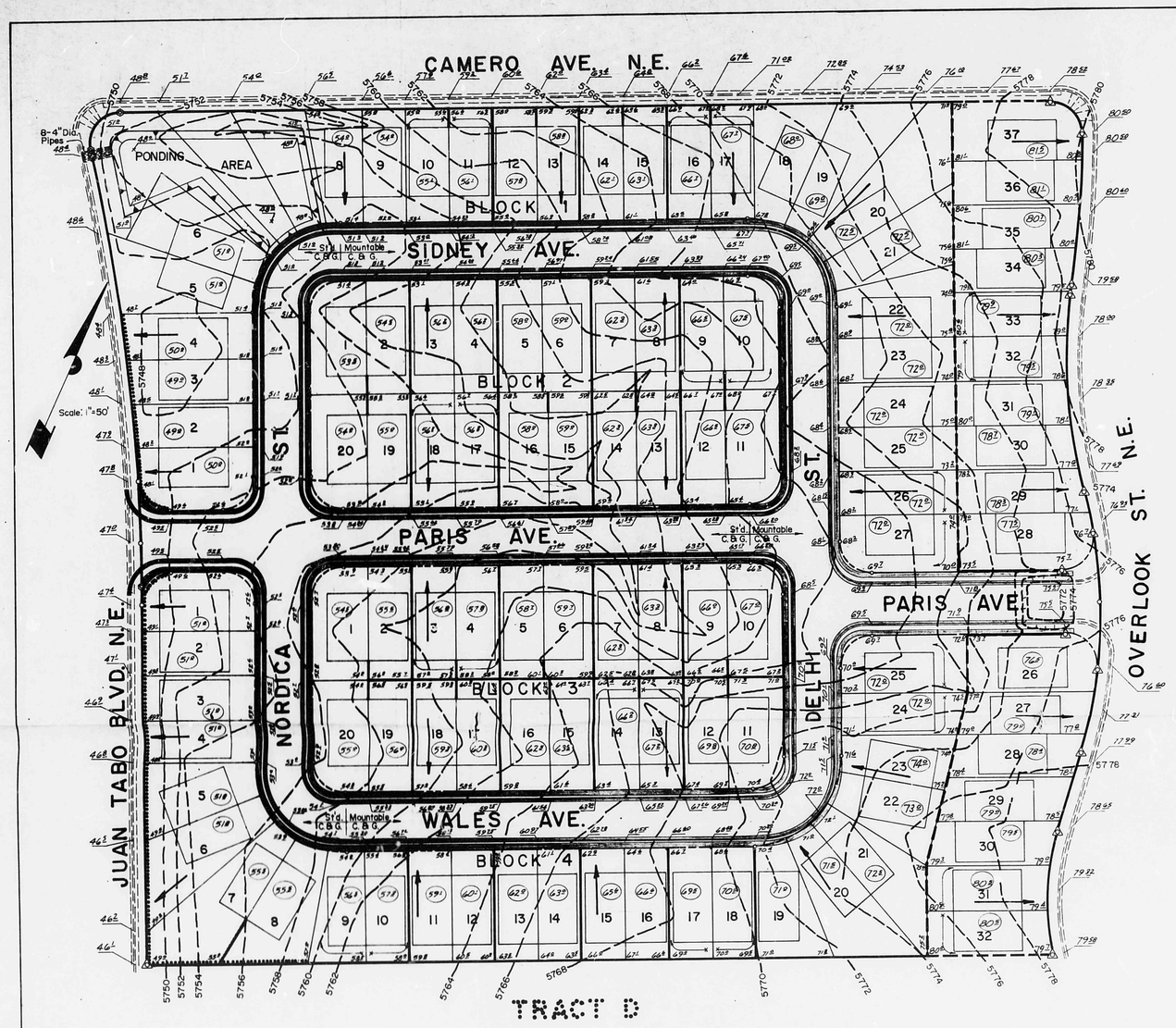
2138



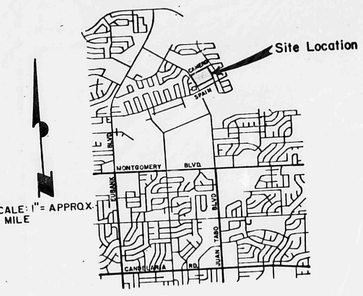


TYPICAL LOT


Site Location
McINTOSH PARK
McINTOSH ELEM. SCHOOL
McINTOSH BLVD.
CAMINO DE SALUD
McINTOSH BLVD.
CAMINO DE SALUD
CAMINO DE SALUD
CAMINO DE SALUD

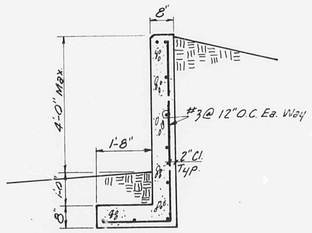


GRADING PLAN

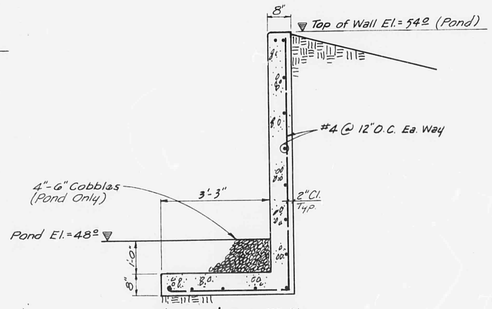


LOCATION MAP
ZONE ATLAS MAP No. Z F-21

5' Retaining Wall
4' " "
2' to 3' " "
(61.8) Earthen Finish Pad Elev.



2' to 4' Ret. Walls



5' and 6' Ret. Walls

RETAINING WALL SECTIONS

REVISED
APPROVED
SEE LETTER
12/7/83

AS BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	DATE
LINE & GRADES CHECKED BY	DATE
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION			
FIELD NOTES			
NO.	BY	DATE	

REFERENCES	
MAP NO.	
EST. NO.	
W.O. NO.	

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY		DATE
DRAWN BY	Acp	DATE 10-83
CHECKED BY		DATE

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

GARY W. TIBLJAS NEW MEXICO 8117 REGISTERED ENGINEER 10/27/83

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: ACADEMY SQUARE
UNIT ONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO. SHEET 1 OF 1

D.G.A. # 616.32

N20720