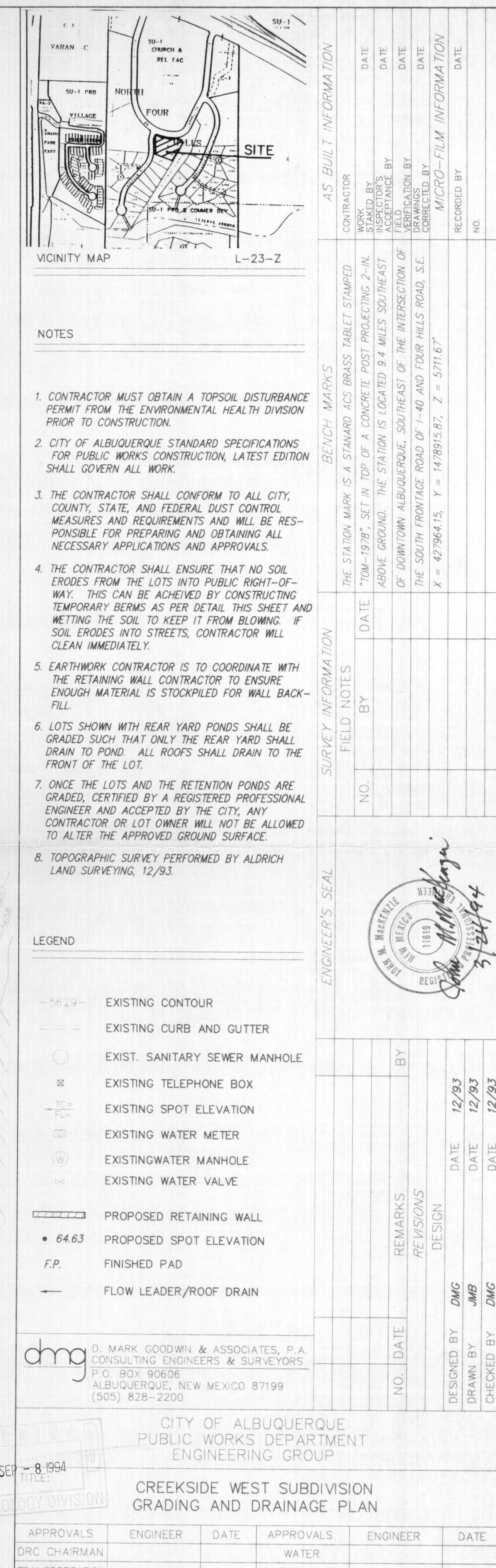
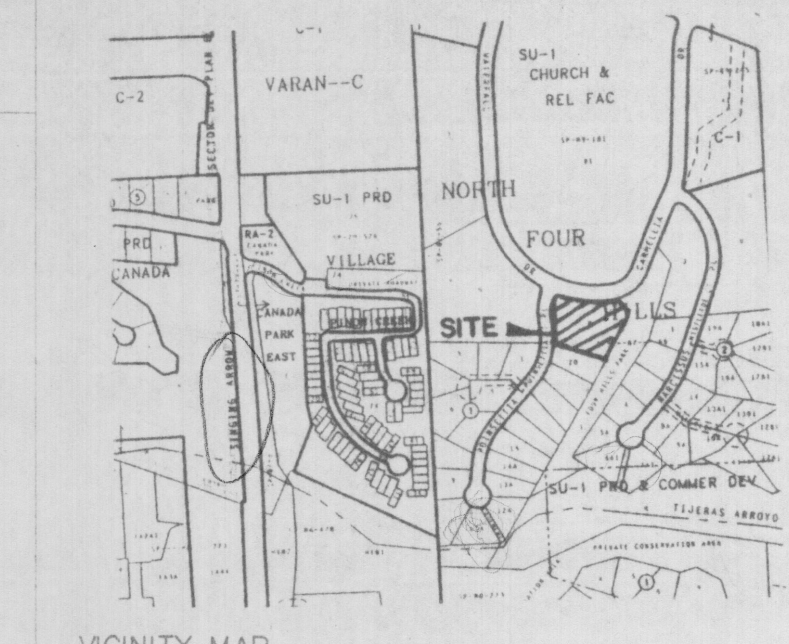
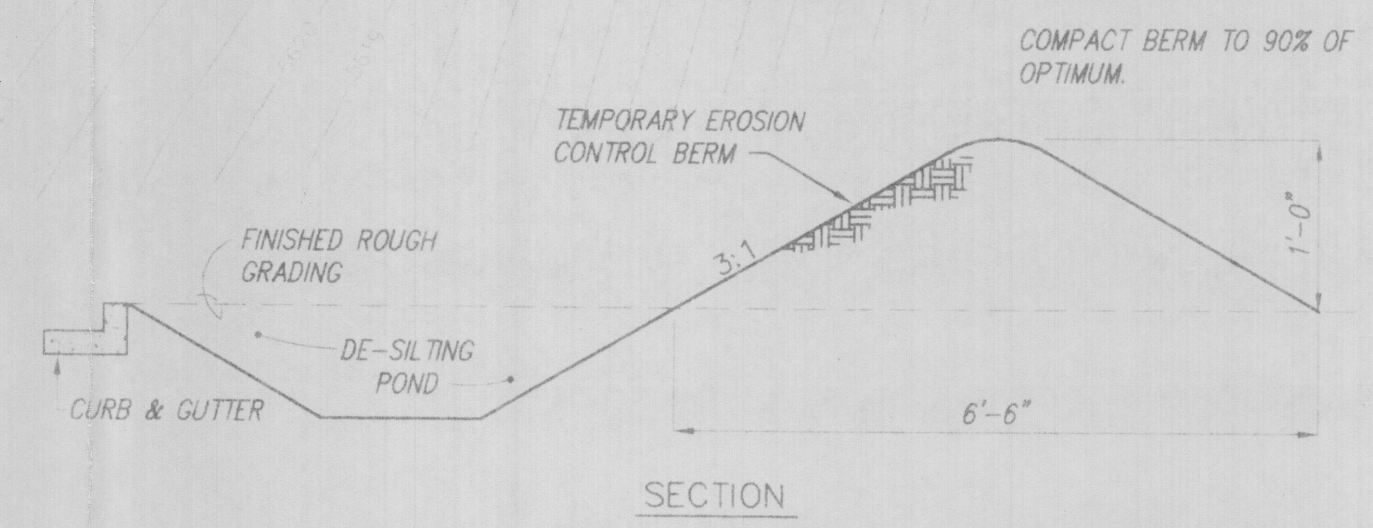
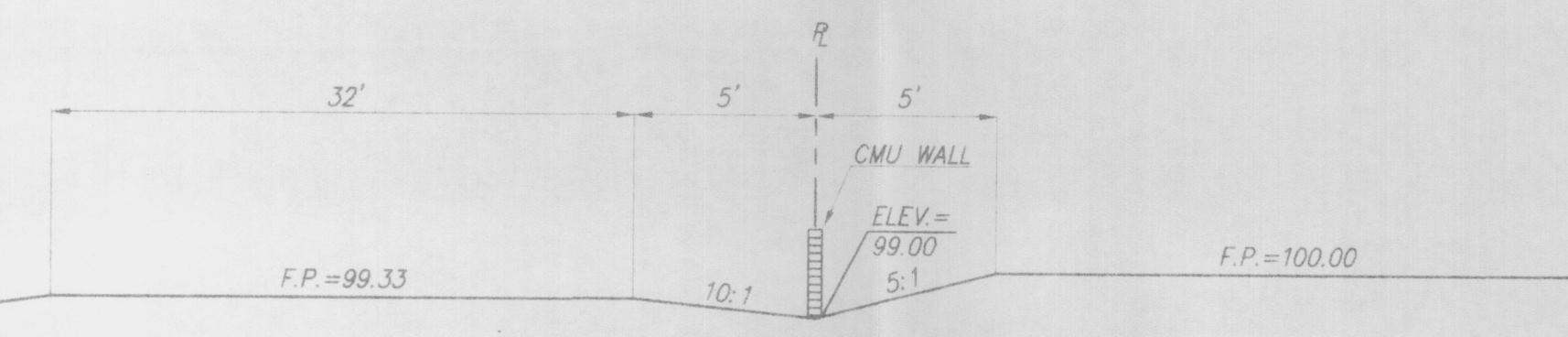
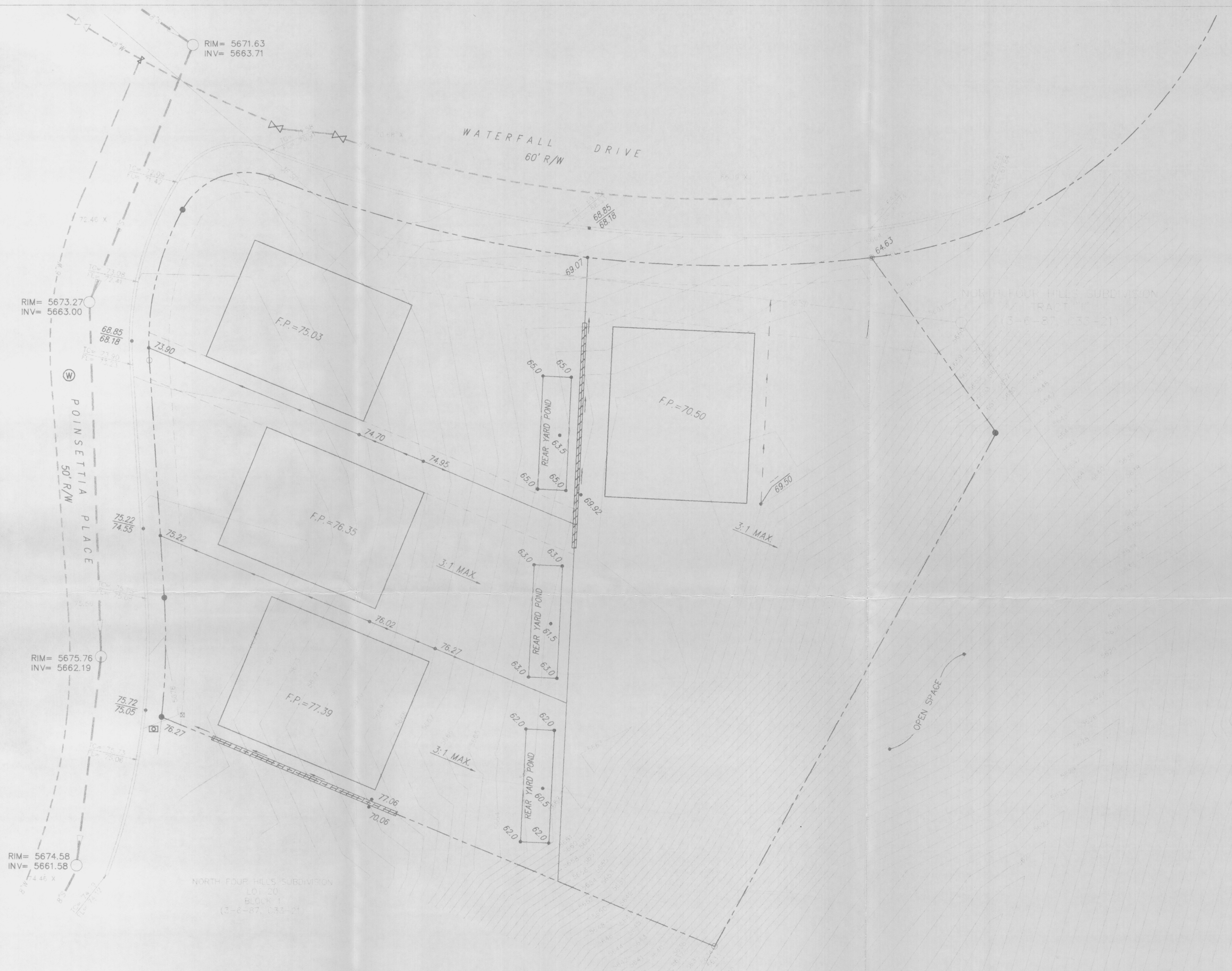






NOTES

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING. IF SOIL ERODES INTO STREETS, CONTRACTOR WILL CLEAN IMMEDIATELY.
- EARTHWORK CONTRACTOR IS TO COORDINATE WITH THE RETAINING WALL CONTRACTOR TO ENSURE ENOUGH MATERIAL IS STOCKPILED FOR WALL BACK-FILL.
- LOTS SHOWN WITH REAR YARD PONDS SHALL BE GRADED SUCH THAT ONLY THE REAR YARD SHALL DRAIN TO POND. ALL ROOFS SHALL DRAIN TO THE FRONT.

LEGEND

- EXISTING CONTOUR
- EXISTING CURB AND GUTTER
- EXIST. SANITARY SEWER MANHOLE
- EXISTING TELEPHONE BOX
- EXISTING SPOT ELEVATION
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- PROPOSED RETAINING WALL
- PROPOSED SPOT ELEVATION
- FINISHED PAD
- FLOW LEADER

D. MARK GOODWIN & ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 30606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

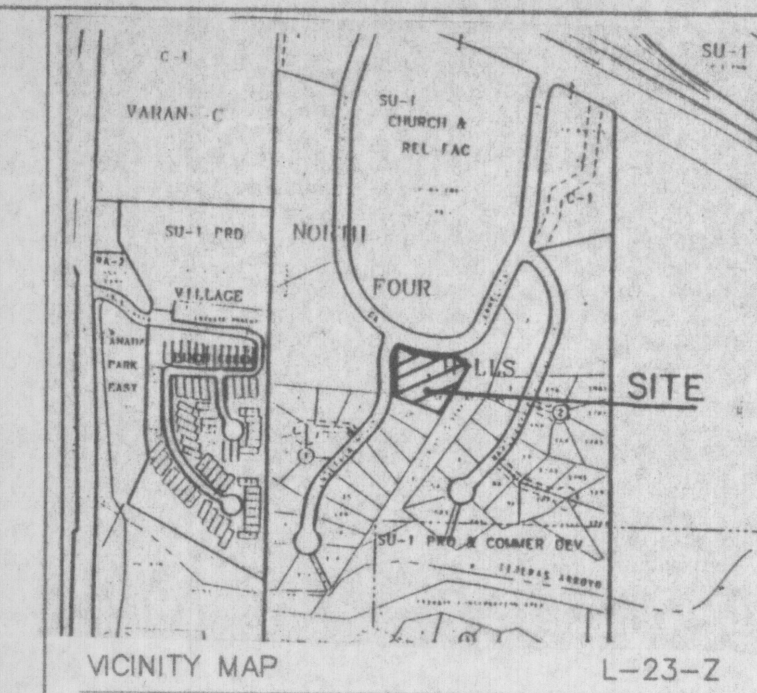
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CREEKSIDE WEST SUBDIVISION
GRADING AND DRAINAGE PLAN

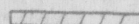
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PROJECT NO.	MAP NO.	SHEET	OF		
	L13	1	1		

SCALE: 1"=20'

TRH SITE20



1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
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5. EARTHWORK CONTRACTOR IS TO COORDINATE WITH THE RETAINING WALL CONTRACTOR TO ENSURE ENOUGH MATERIAL IS STOCKPILED FOR WALL BACK FILL.
6. LOTS SHOWN WITH REAR YARD PONDS SHALL BE GRADED SUCH THAT ONLY THE REAR YARD SHALL DRAIN TO POND. ALL ROOFS SHALL DRAIN TO THE FRONT OF THE LOT.
7. ONCE THE LOTS AND THE RETENTION PONDS ARE GRADED, CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER AND ACCEPTED BY THE CITY, ANY CONTRACTOR OR LOT OWNER WILL NOT BE ALLOWED TO ALTER THE APPROVED GROUND SURFACE.
8. TOPOGRAPHIC SURVEY PERFORMED BY ALDRICH LAND SURVEYING, 12/93.

-5629-	EXISTING CONTOUR
==	EXISTING CURB AND GUTTER
○	EXIST. SANITARY SEWER MANHOLE
⊗	EXISTING TELEPHONE BOX
TC=	EXISTING SPOT ELEVATION
TL=	
Ⓜ	EXISTING WATER METER
Ⓜ	EXISTING WATER MANHOLE
SV	EXISTING WATER VALVE
	PROPOSED RETAINING WALL
• 64.63	PROPOSED SPOT ELEVATION
F.P.	FINISHED PAD
	FLOW LEADER/ROOF DRAIN

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CREEKSIDE WEST SUBDIVISION
GRADING AND DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO.	RECEIVED	MAP NO.	SHEET OF
	MAR 24 1994	L-23	1 1

AS BUILT INFORMATION				MICRO-FILM INFORMATION			
CONTRACTOR	WORK	DATE	DATE	RECORDED BY	DATE	DATE	DATE
STARTED BY	ST	FIELD	DATE	CORRECTED BY	DATE	DATE	DATE
BY	OF	ACCEPTANCE	DATE	DRAWINGS	DATE	DATE	DATE
FIELD	E	BY	DATE	BY	DATE	DATE	DATE
NO.							

BENCH MARKS

THE STATION MARK IS A STANDARD ASCE BRASS TABLET STAMPED "POT-HOLE-1987". SET IN TOP OF A CONCRETE POST PROJECTING 2' ABOVE GROUND. THE STATION IS LOCATED 9.4 MILES SOUTHEAST OF DOWNTOWN ALBUQUERQUE, SOUTHEAST OF THE INTERSECTION OF THE SOUTH FRONTAGE ROAD OF I-40 AND FOUR HILLS ROAD, STATE

$x = 427064.15$, $Y = 4739015.87$, $Z = 5711.67$

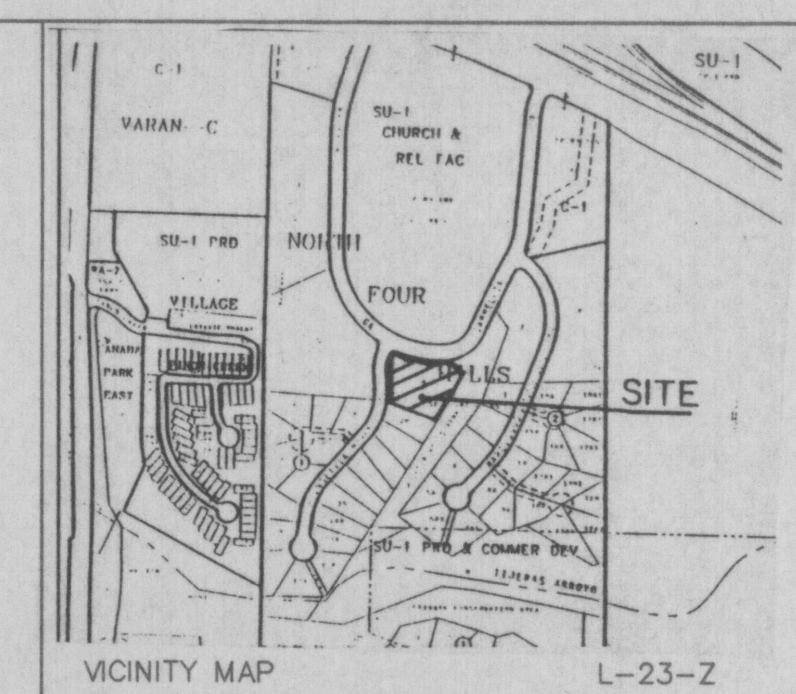
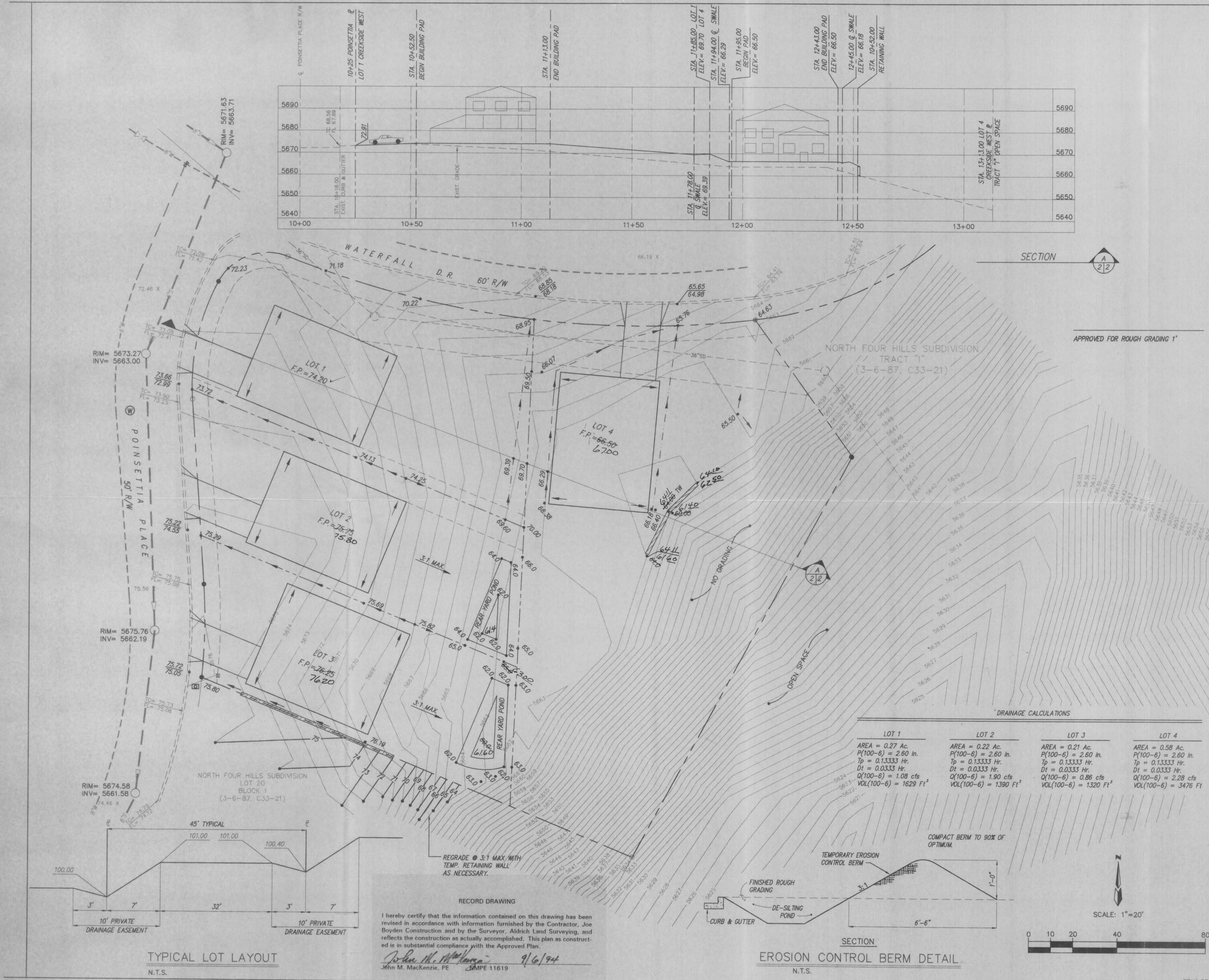
ENGINEER'S SEAL

100% MONETARIE
WELTWEIS
11019
REGISTERED PROFESSIONAL ENGINEER
3/24/94

John M. McKenna

NO.		DATE	REMARKS	BY
<i>REVISIONS</i>				
DESIGNED BY			DATE	
<i>DMG</i>			<i>12/93</i>	
DRAWN BY			DATE	
<i>JMB</i>			<i>12/93</i>	
CHECKED BY			DATE	
<i>DMG</i>			<i>12/93</i>	

DIVISION		
PAGE PLAN		
DOVALS	ENGINEER	DATE
TER		
WATER		
23	SHEET	OF
	1	1



NOTES

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8. TOPOGRAPHIC SURVEY PERFORMED BY ALDRICH LAND SURVEYING, 12/93.

- LEGEND
- 56.29- EXISTING CONTOUR
 - - - EXISTING CURB AND GUTTER
 - EXIST. SANITARY SEWER MANHOLE
 - ⊞ EXISTING TELEPHONE BOX
 - TC= EXISTING SPOT ELEVATION
 - ⊞ EXISTING WATER METER
 - ⊞ EXISTING WATER MANHOLE
 - ⊞ EXISTING WATER VALVE
 - ▬ PROPOSED RETAINING WALL
 - 64.63 PROPOSED SPOT ELEVATION
 - F.P. FINISHED PAD
 - FLOW LEADER/ROOF DRAIN

DRAINAGE CALCULATIONS

LOT 1	LOT 2	LOT 3	LOT 4
AREA = 0.27 Ac. P(100-6) = 2.60 In. Tp = 0.13333 Hr. Dt = 0.03333 Hr. Q(100-6) = 1.08 cfs VOL(100-6) = 1629 Ft ³	AREA = 0.22 Ac. P(100-6) = 2.60 In. Tp = 0.13333 Hr. Dt = 0.03333 Hr. Q(100-6) = 1.90 cfs VOL(100-6) = 1390 Ft ³	AREA = 0.21 Ac. P(100-6) = 2.60 In. Tp = 0.13333 Hr. Dt = 0.03333 Hr. Q(100-6) = 0.86 cfs VOL(100-6) = 1320 Ft ³	AREA = 0.58 Ac. P(100-6) = 2.60 In. Tp = 0.13333 Hr. Dt = 0.03333 Hr. Q(100-6) = 2.28 cfs VOL(100-6) = 3476 Ft ³

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CREEKSIDE WEST SUBDIVISION
GRADING AND DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. MAP NO. SHEET OF

L-23 1 1

BENCH MARKS		AS BUILT INFORMATION	
CONTRACTOR	WORK	CONTRACTOR	WORK
DATE	DATE	DATE	DATE
INSPECTOR'S	INSPECTOR'S	INSPECTOR'S	INSPECTOR'S
DATE	DATE	DATE	DATE
VERIFICATION BY	VERIFICATION BY	VERIFICATION BY	VERIFICATION BY
DATE	DATE	DATE	DATE
MICRO-FILM INFORMATION		MICRO-FILM INFORMATION	
RECORDED BY	NO.	RECORDED BY	NO.

THE STATION MARK IS A STANDARD ACS BRASS TABLET STAMPED "TOM-1978". SET IN TOP OF A CONCRETE POST PROJECTING 2-IN. ABOVE GROUND. THE STATION IS LOCATED 8.4 MILES SOUTHEAST OF DOWNTOWN ALBUQUERQUE, SOUTHEAST OF THE INTERSECTION OF THE SOUTH FRONTAGE ROAD OF I-40 AND FOUR HILLS ROAD, S.E. X = 427964.15, Y = 1478915.87, Z = 5711.67

ENGINEER'S SEAL

DESIGNED BY: DMG DATE: 12/93
DRAWN BY: JMB DATE: 12/93
CHECKED BY: DMG DATE: 12/93