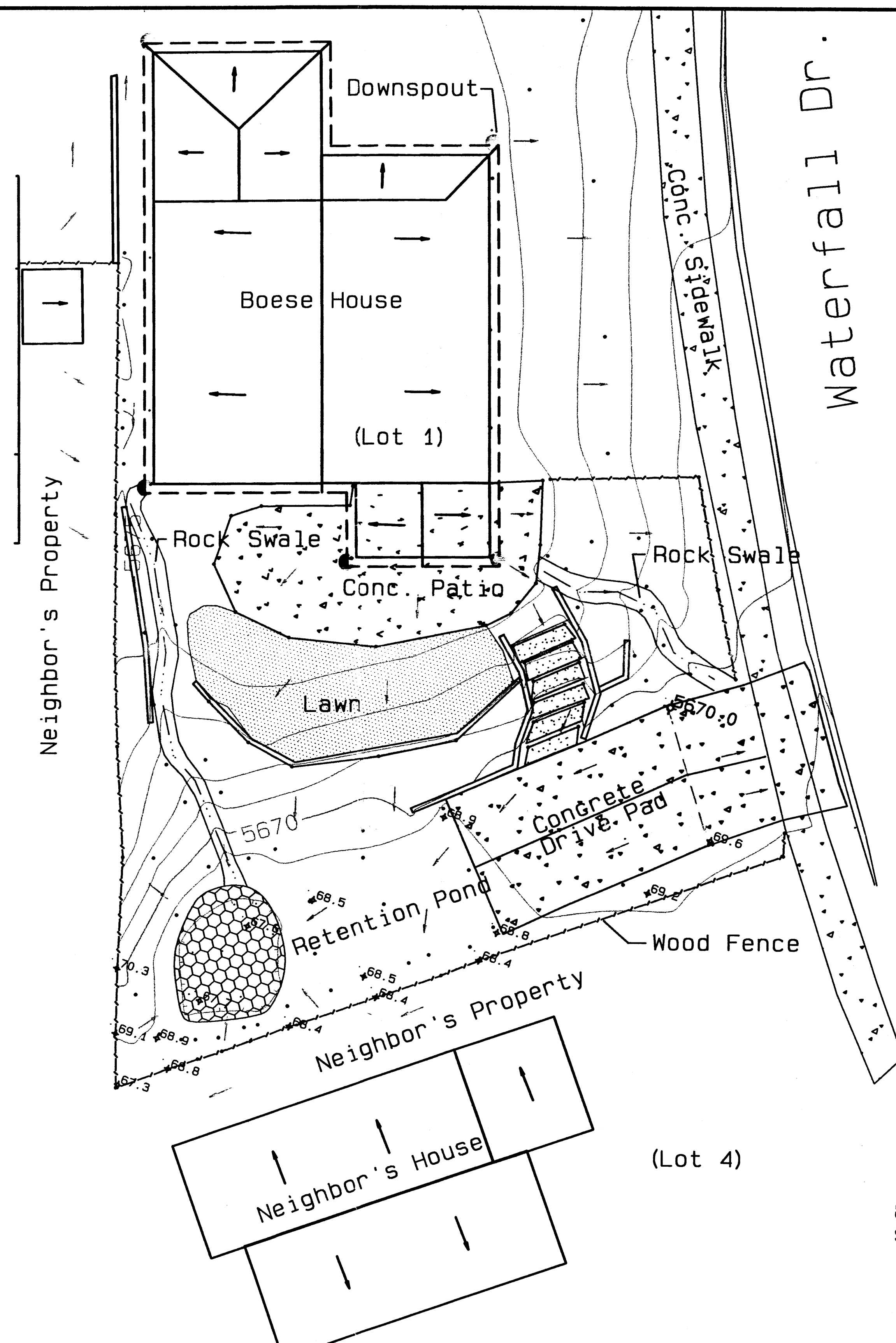
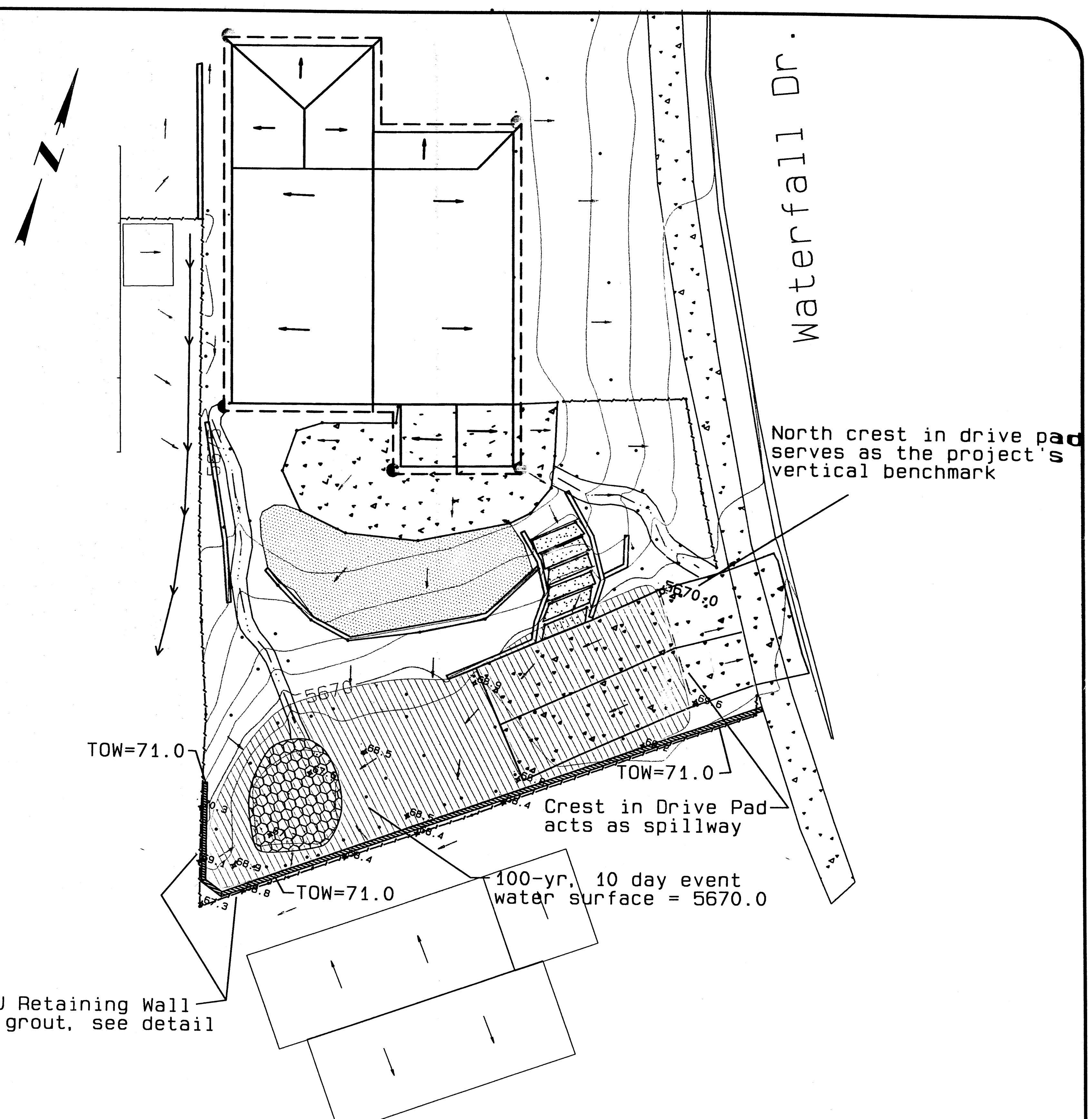
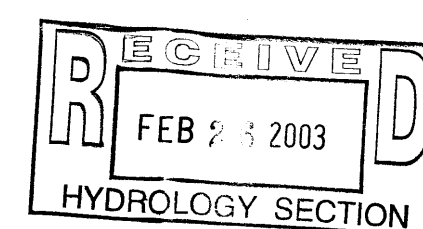




EXISTING SITE



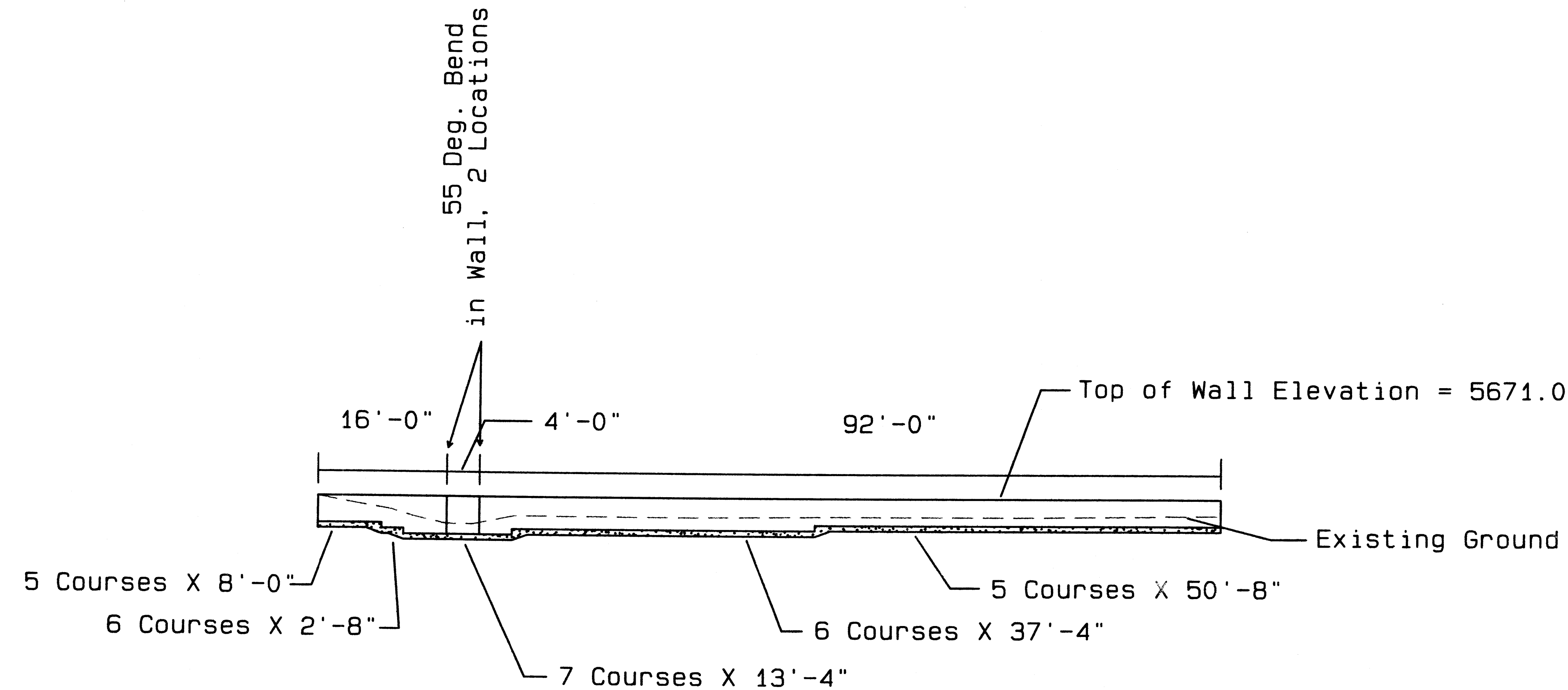
PROPOSED SITE



Riverbend Engineering, LLC

5929 Pauline St NW Albuquerque, NM 87107
140A Solomon Dr. Pagosa Springs, CO 81147
Tel: 970.731.0065 FAX: 970.731.0264 Email: cphilips@Frontier.net

Home of Robert & June Boese		Sheet
400 Poinsettia Pl. SE		1
EXISTING AND PROPOSED SITE PLAN		of
		2
Scale: 1" = 10 ft	2-20-2003	

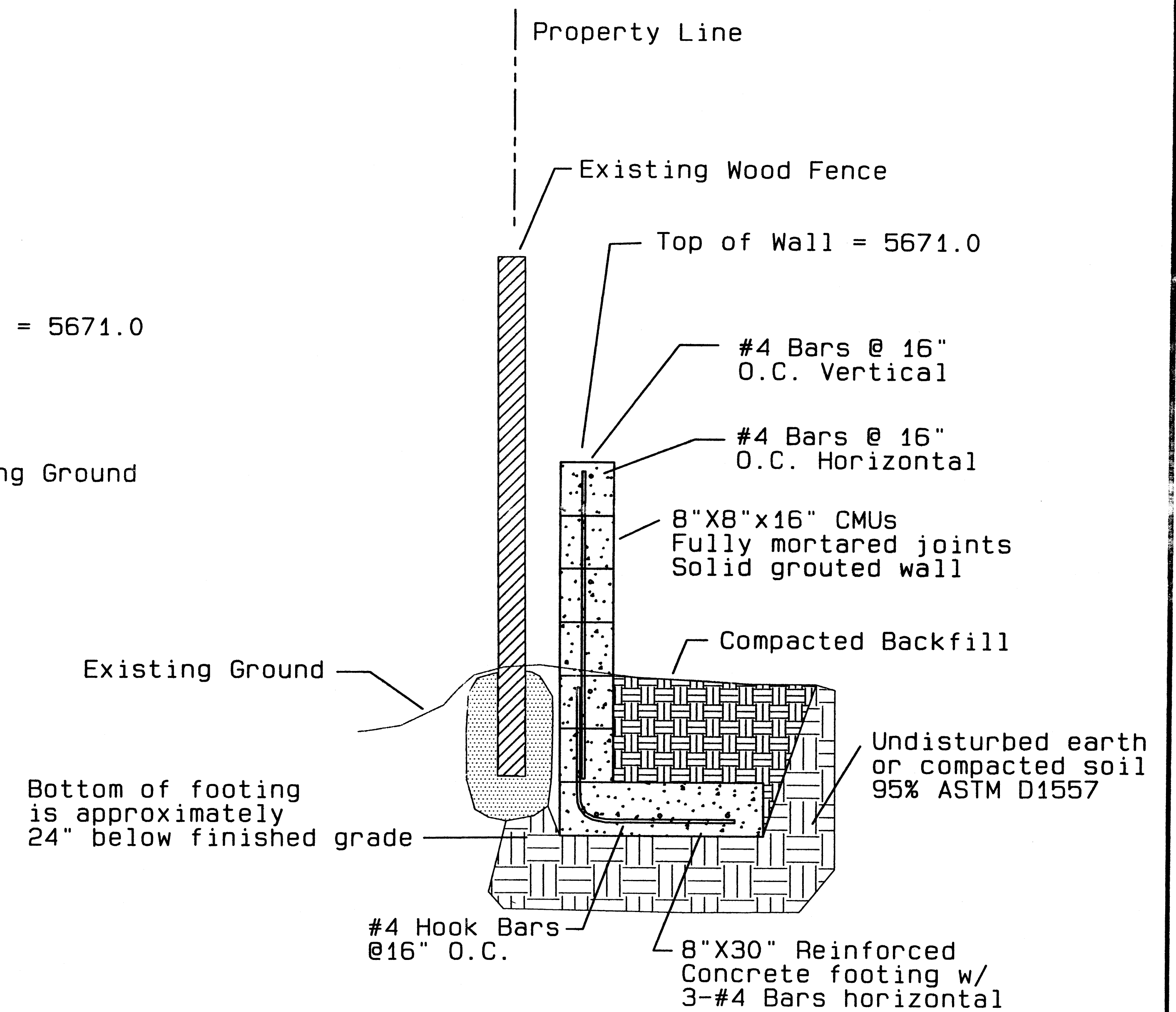


WALL PROFILE

Scale: 1" = 10'-0"

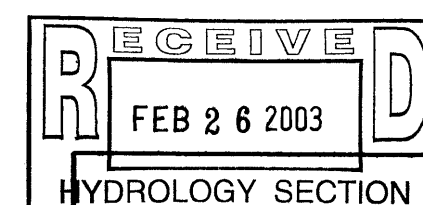
Wall Construction Notes:

- 1) CMU wall construction materials and methods shall conform to the requirements of the City of Albuquerque Standard Specifications for Public Works Construction, current edition
- 2) Exposed CMUs may be split face or smooth, colored per owners direction
- 3) Add 1-#4 bar X 36" each course across both angle points in wall
- 4) Apply penetrating liquid waterproofing sealant to Boese side of wall
- 5) Concrete for footing shall be 3000 psi, and grout for wall shall be 2500 psi



WALL SECTION

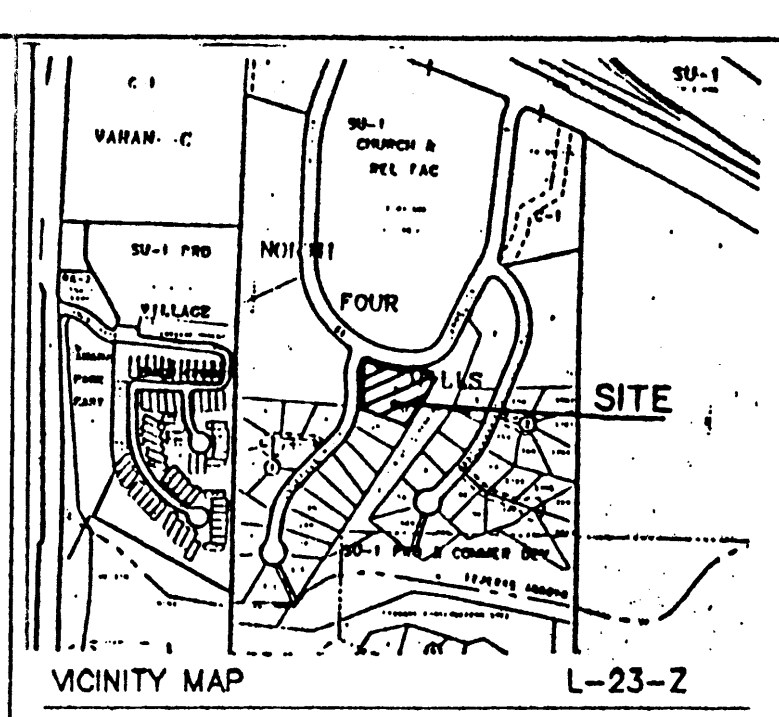
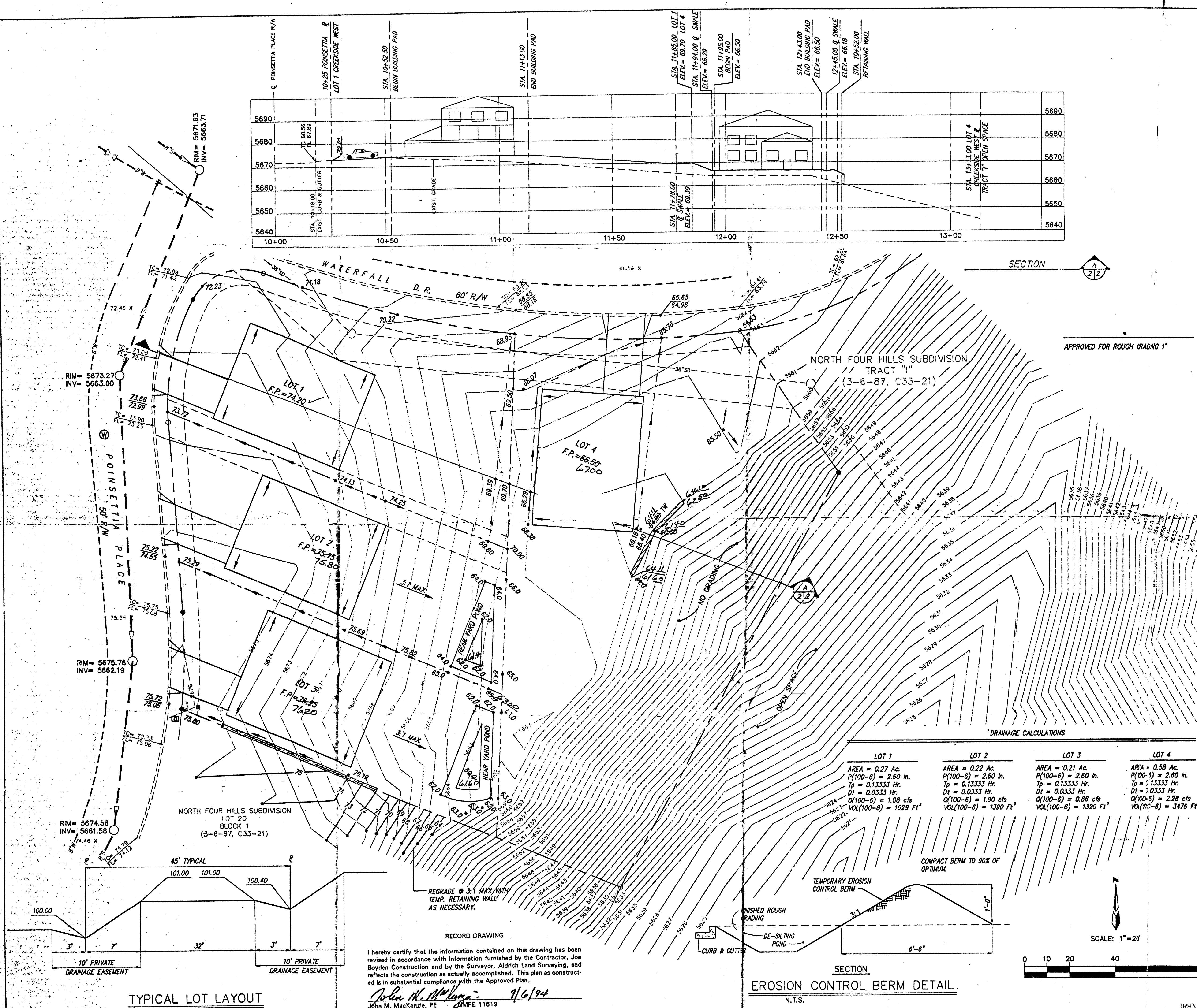
Scale: 1" = 1'-0"



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Home of Robert & June Boese	Sheet
400 Poinsettia Pl. SE	2
FLOOD WALL SECTION AND PROFILE	of
	2
Scale: Varies	2-20-2003

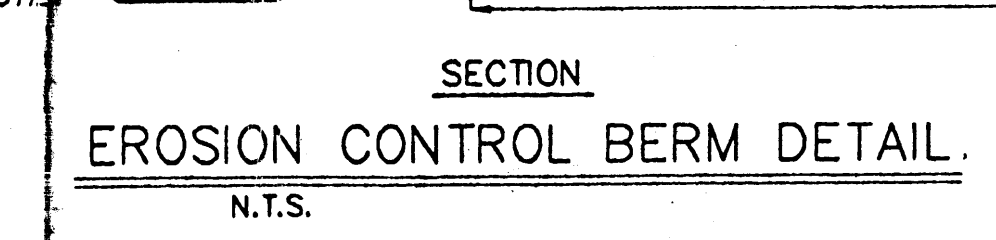


- NOTES
- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 - CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
 - THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND 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 FROM 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 OF THE LOT.
 - 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.
 - TOPOGRAPHIC SURVEY PERFORMED BY ALDRICH LAND SURVEYING, 12/93.

- LEGEND
- 56.74- 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
 - 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.	AREA = 0.22 Ac.	AREA = 0.21 Ac.	AREA = 0.58 Ac.
P(100-5) = 2.60 in.	P(100-5) = 2.60 in.	P(100-5) = 2.60 in.	P(100-5) = 2.60 in.
Tp = 0.13333 Hr.	Tp = 0.13333 Hr.	Tp = 0.13333 Hr.	Tp = 0.13333 Hr.
Dt = 0.0333 Hr.	Dt = 0.0333 Hr.	Dt = 0.0333 Hr.	Dt = 0.0333 Hr.
Q(100-5) = 1.08 cfs	Q(100-5) = 1.90 cfs	Q(100-5) = 0.86 cfs	Q(100-5) = 2.28 cfs
VOL(100-5) = 1629 Ft ³	VOL(100-5) = 1390 Ft ³	VOL(100-5) = 1320 Ft ³	VOL(100-5) = 3476 Ft ³



TYPICAL LOT LAYOUT
N.T.S.

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the Contractor, Joe Boyden Construction and by the Surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

John M. MacKenzie 9/6/94
John M. MacKenzie, PE SMPE 11619

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. MAP NO. SHEET OF
L-23 1 1