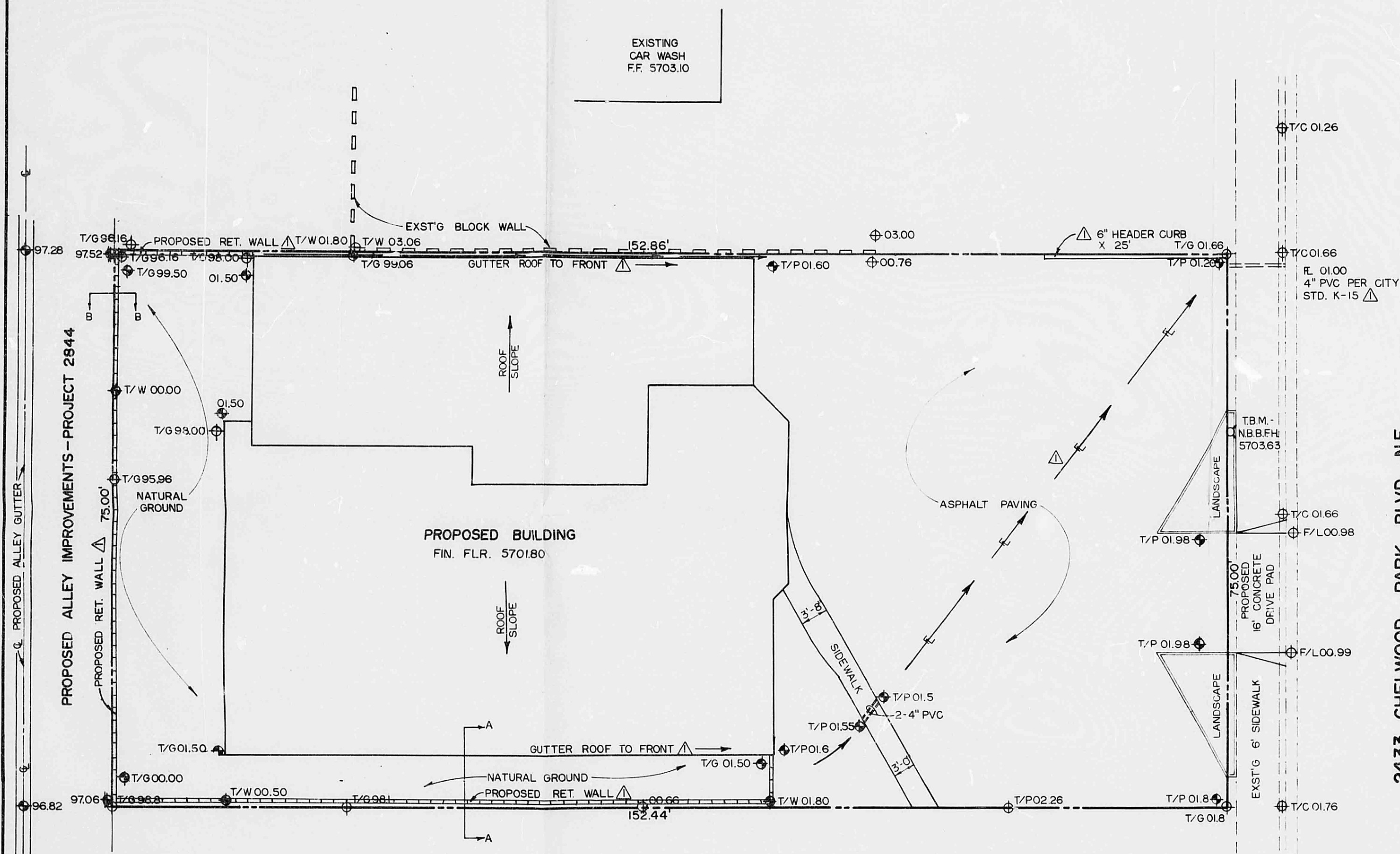


DRAINAGE PLAN
LOTS 23, 24 & 25, BLOCK 8, ENCHANTED MESA ADDITION
ALBUQUERQUE, N.M.
 ZONE MAP H-22 BENCHMARK 6-H22 ELEV. 5705.28
 FLOOD MAP 25 SOIL TYPE "B"
 TOTAL AREA = 11,448 S.F. = 0.2628 AC.
 FILE H22/D60



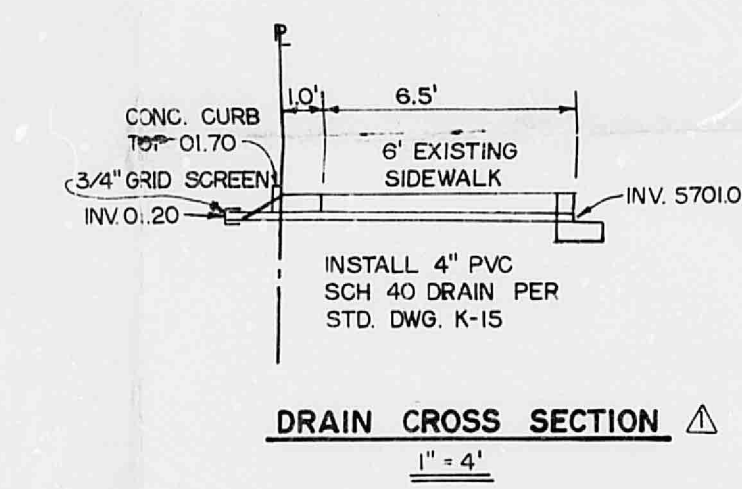
HYDROLOGY

EXISTING

A=11,448.75 S.F. = 0.2628 AC.
 100 YR - 6 HR = 2.45"
 1-2.45 X 2.3 = 5.63
 Q = 0.2628 X 5.63 X 0.40 = 0.59 CFS
 CN = 70 DIRECT RUNOFF = 0.45"
 V = 11,448 X 0.45/12 = 429 CF
 EXISTING DRAINAGE GOES TO ALLEY

PROPOSED

ROOF 4480 X 0.90 = 4032
 ASPHALT 5658 X 0.95 = 5375
 UNDEVELOPED 11448 X 0.40 = 4599
 LANDSCAPE 11,448 X 0.25 = 2862
 11,448 9906
 Q = 9306 / 0.9906 = 0.86
 Q = 0.2628 X 5.63 X 0.86 = 1.27 CFS = 0.68 CFS INCREASE
 CN = 90 DIRECT RUNOFF = 1.5"
 V = 11,448 X 1.5/12 = 1431 CF



DRAIN CROSS SECTION

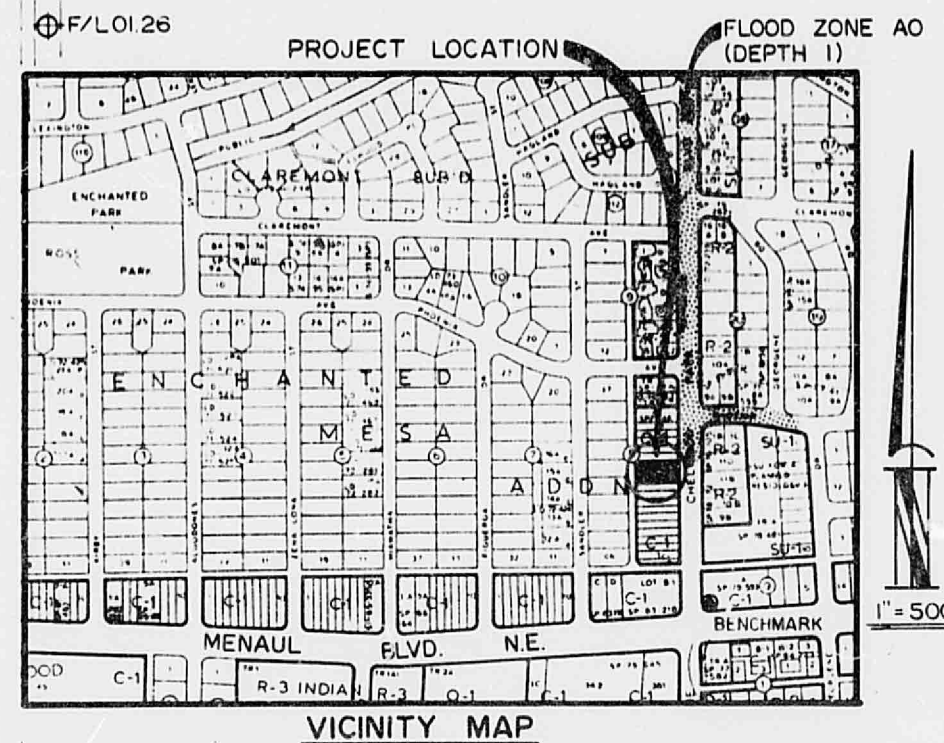
NOTICE TO CONTRACTOR		
1. An excavation/contraction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.		
2. All work detailed on these plans to be performed, except as otherwise stated or provided herein, shall be constructed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction 1986.		
3. No working days prior to any excavation, contractor must contact Line Locating Service, 782-1224, for location of existing utilities.		
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.		
5. Backfill compaction shall be according to arterial street use.		
6. Maintenance of these facilities will be the responsibility of the Owner of the property served.		
APPROVALS	NAME	DATE
A.C.E./Owner	<i>Charles A. M... 6/2/87</i>	6-2-87
Inspector	<i>James E. ... 6/2/87</i>	6/2/87
A.C.E./Field	<i>James E. ... 6/2/87</i>	6/2/87

EROSION CONTROL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE TO THE FOLLOWING:
1. NO SEDIMENT BEARING WATER SHALL BE ALLOWED TO DISCHARGE THE SITE DURING CONSTRUCTION.
 2. DURING GRADING OPERATIONS AND UNTIL THE PROJECT HAS BEEN COMPLETED, ALL ADJACENT PROPERTY, RIGHTS-OF-WAY AND EASEMENTS SHALL BE PROTECTED FROM FLOODING.
 3. ANY AND ALL SEDIMENTATION ORIGINATING ON THE SITE WHICH IS DEPOSITED WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PROMPTLY AND COMPLETELY REMOVED BY THE CONTRACTOR.
 4. CONTROL OF SEDIMENT-LADEN FLOOD WATERS WILL BE ACCOMPLISHED BY THE USE OF A COMPACTED EARTH BERM AT LEAST 12" HIGH. BERM SHALL BE LOCATED ALONG THE DOWNSTREAM PERIMETERS OF THE PROPERTY.

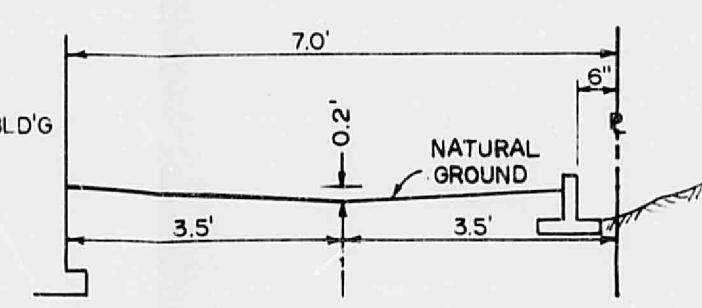
RECEIVED
 JUN 03 1987
 6/2/87
 H22/D60

LOGAN/ROSS & ASSOCIATES, INC.
 CONSULTING CIVIL ENGINEERS
 525 6TH ST. NW, SUITE 3 243-6333
 ALBUQUERQUE, NEW MEXICO 87102
 DRAINAGE PLAN FILE# H-263
 FOR MONTESSORI SCHOOLS DATE 5/27/87
 AT 2433 CHELWOOD PARK N.E. DRAWN C.L.L.
 ALBUQUERQUE, N.M. SHEET 1 OF 1

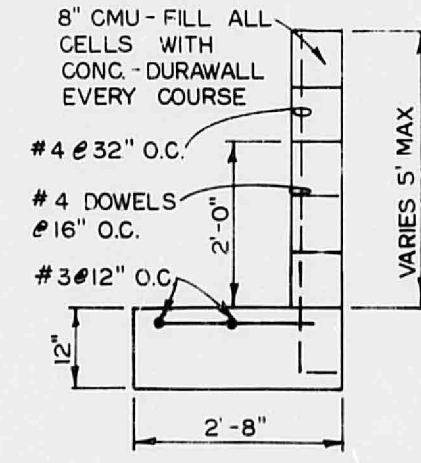


LEGEND

- PROPERTY LINE
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- EXISTING CURB & GUTTER
- FLOW DIRECTION



SECTION A-A



**SECTION B-B
 RETAINING WALL DETAIL**