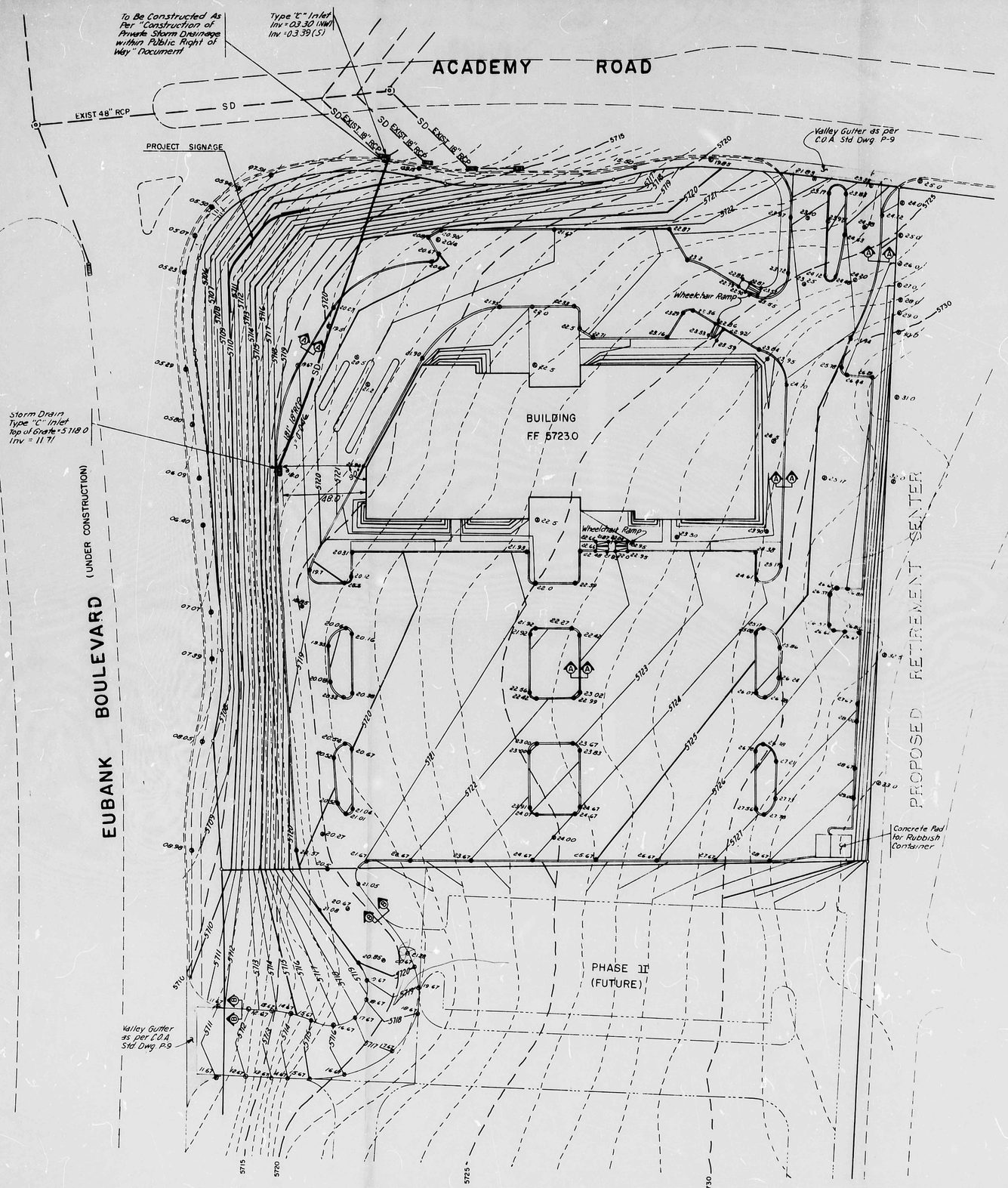
HYDROLOGY E21/D28C AMERIWEST OFFICE PARK PHASE I

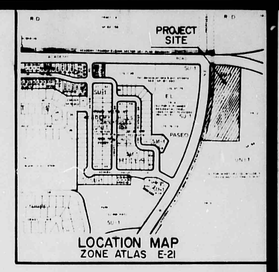
E21/D280

AMERIWEST OFFICE PARK PHASE I

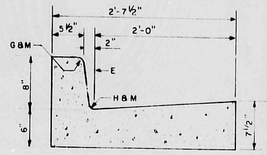
1 PLAN



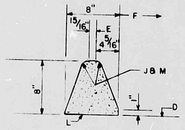
SCALE: 1"=30'



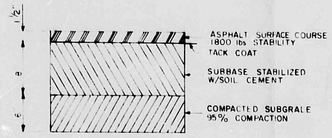
LOCATION MAP
ZONE ATLAS E-21



(A) STANDARD CURB & GUTTER
SCALE: 1" = 1'



(B) ASPHALT CURB
SCALE: 1" = 1'
(TEMPORARY)



PAVEMENT SECTION
SCALE: 1" = 1'

CONSTRUCTION NOTES:

A. REQ CONC CHANNEL LINING, OR CUT-OFF WALL PROVIDE ½" EXP. JT. BETWEEN BACK OF CURB & CONC. LINING OR WALL
B. VARIABLE, DEPRESS AS NEEDED
C. DRIVE NO. 4 BARS 18" DEEP IN HOLES DRILLED 2" O.C. IN EXIST. PAVEMENT, SEAL WITH EPOXY.
D. EXIST. A.C. OR P.C.C. PAVEMENT
E. THEORETICAL FACE OF CURB OR FLOWLINE
F. TRAFFIC SIDE
G. 3/4" RADIUS
H. 1½" RADIUS
J. 8" RADIUS
K. 24 RADIUS
L. TACK COAT
M. DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES
N. 2" A.C. SURFACE COURSE 1300 LBS. STABILITY
P. 6" COMPACTED SUBGRADE 90% COMPACTION

DETAILS

EARTHWORK SPECIFICATIONS:

Site Clearing and Grubbing: Clearing and grubbing will be required for all areas of the site. All brush and rubbish existing on the site will be removed and wasted.

Existing vegetation, any deleterious materials including rocks, trash or debris larger than 6 inches in diameter shall be stripped from the entire area and wasted. Any remaining organic material and topsoil shall be removed from approved fill areas and windrowed for subsequent placement as topsoil outside of building pad or pavement areas.

Prewetting: The entire development area should be prewetted to a minimum depth of five (5) feet, or as deep as practicable as determined by the Soils Engineer.

Proof Rolling: Once prewetting has been accomplished, the entire area should be proofrolled with a minimum 20 ton vibratory roller to help densify any loose subsurface soils. The roller should make a minimum of 10 passes each in two directions perpendicular to one another, with a minimum 25% overlap of the roller width on each pass.

Building Pads: All interior floor slabs should be supported on controlled structural fill, or on natural cut ground. Any structural fill shall be compacted as follows:

Subgrade Preparation: The exposed cut ground or subgrade surface shall be scarified to a minimum depth of 8 inches and moistened to optimum moisture content (+ 2%) and compacted to a minimum of 95% of maximum density as determined by ASTM D-1557.

Cement Stabilized Subbase: All areas to be paved shall be supported on controlled structural fill, or on natural cut ground. Any structural fill shall be compacted as for building pads.

The New Mexico Standard Specifications for Public Works Construction 1979 Edition should be followed for the utilization of either in situ soils or batch mix.

The Soils Engineer shall perform a laboratory mix design to determin cement content required and to determine the actual characteristics of the soil cement.

Approved Fill Soils: The fill materials shall be gravel, sand, silt or clay mixtures which have a plasticity index not greater than 8 and a liquid limit not greater than 24. Material larger than 6 inches shall not be placed in the fill, and material larger than 4 inches shall not be placed within 1 foot of the bearing surfaces of slabs or foundations. For the most part, on site soils are expected to be suitable. Materials shall be approved by the Soils Engineer.

Fill Placement: Approved fill soils shall be thoroughly moistened to optimum moisture content (+ 2%), then placed and spread in horizontal layers not greater than 8 inches thick. Each layer shall be compacted to a minimum of 95% of maximum density as determined by ASTM D-1557.

Weather Constraints: During construction, low areas shall be protected from excessive surface water and ponding.

If earthwork is interrupted by surface water intrusion, fill operations shall not be resumed until the Soils Engineer accepts the moisture content and density of the natural ground or previously placed fill soils.

No brush, sod or frozen material or other perishable or unsuitable material shall be placed in the fill. Distribution of material shall be such as to avoid lenses differing substantially from the surrounding material. The materials shall be delivered to the fill in such a manner as to result in a well and uniformly compacted fill.

Soils Engineer and Quality Control: The Soils Engineer shall be the owner's representative to control the fill operations. The Soils Engineer shall approve the material, the method of placing and compaction, and shall give written approval of the completed fill after having taken sufficient tests to assure compliance with the specifications.

RECEIVED
AUG 09 1985
HYDROLOGY SECTION

APPROVED FOR ROUGH GRADING

HYDROLOGY _____ DATE _____

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

GRADING PLAN
E21/D28C

AmeriWest Office Park

David R Murphy Interests & Marc S Geller Interests

terry tengler associates inc
ala architects - planners
H DENISH ASSOCIATES • CONSULTANTS
10821 RUTKENDAHL SUITE 220 HOUSTON TX. 77080

7-31-85

C2

6500 Eubank, or 10400 Academy Rd.