

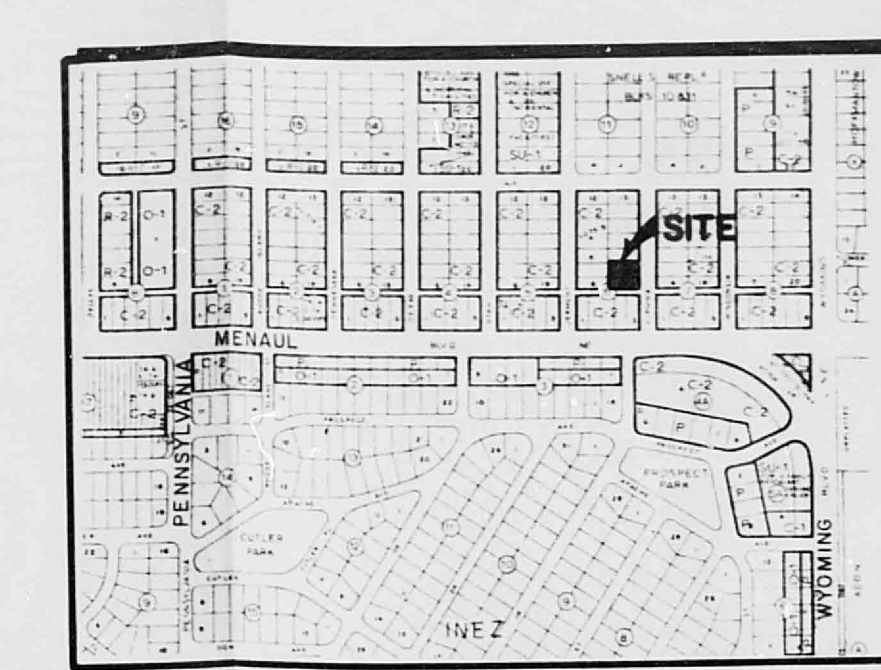
- ### LEGEND
- ASPHALT PAVING
 - LANDSCAPED AREA
 - PROPERTY LINE
 - EXISTING CURB & GUTTER W/SIDEWALK
 - 12.7

 EXISTING SPOT ELEVATION
 - 12

 EXISTING CONTOUR
 - 12.7

 PROPOSED SPOT ELEVATION
 - 12

 PROPOSED FINISHED CONTOUR
 - SURFACE FLOW DIRECTION
 - BUILDING STRUCTURE

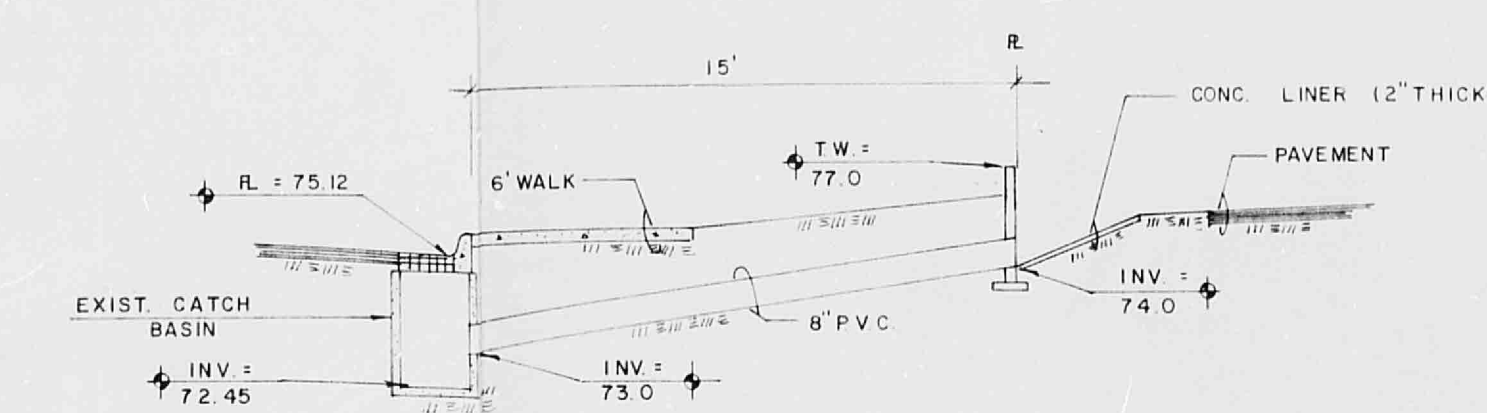


VICINITY MAP H 19

- NOTES:**
- Legal: Lot 18-A, Block 6, being a replat of Lots 18 & 19, blk. 6, Sombra del Monte, Albuquerque, New Mexico (0.0375 Ac).
 - Surveyor: Albuquerque Surveying Company
 - B.M.: Monument 2-H20. Elevation 5390.057
 - T.B.M.: Storm Sewer MH @ Virginia N.E. and Alley intersections. N. Rim Elevation = 5376.25
 - Soil Type: SCS Map #21/31 - Soil Type EtC, Soil Hydrologic Group "B"
 - Flood Hazard: Site is not affected by flood hazard area.
 - Offsite Drainage: Site is not affected by offsite drainage.
 - Site previously submitted for drainage approval on August 17, 1982. Site being resubmitted for approval due to building location changes and addition of alley access to site parking area.
 - Drainage Criteria:
 - Site had previously been allowed free discharge as long as on-site flows entered directly into storm inlet in Virginia N.E.
 - Present City criteria dictates showing available downstream capacity in order to allow free discharge.
 - Available capacity of 12" lateral in Virginia N.E. - Elevation difference = 2.2', grade = 14% Capacity (Kutters Formula) = 10 cfs
 - Undeveloped Q100 = (2.15) (2.4) (0.34) (0.275Ac) = 0.7 cfs
Developed Q100 = (2.15) (2.4) (0.92) (0.375Ac) = 1.8 cfs
 - Drain from site to existing catch basin:
 - Head = 1', Elevation difference = 1', slope = 0.7%
 - Minimum diameter pipe required = 6", which will carry 1.9 cfs (Kutters Formula) > 1.8 cfs required
 - Check inlet control Q=CAV 2gh A 6" diameter pipe=1.3 cfs
 - Check 8" diameter pipe
 - Capacity w/1/C. = 2.2 cfs > 1.8 cfs required. Use an 8" diameter PVC drain.
 - Erosion Control: Site will be developed in its entirety - No Phasing

RESUBMITTAL 7-27-84: CHANGED SITE PLAN, ACCESS DRIVE, CORRESPONDING GRADES

Approved
7-30-84
Revised flows into Alley
to flows into pond.
Paula Monty



SECTION A

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REVISIONS	DATE
DESIGNED	
DRAWN	
CHECKED	

DRAINAGE / GRADING PLAN
FOREMAN MEDICAL PLAZA
2509 VIRGINIA N.E.



H19/D19