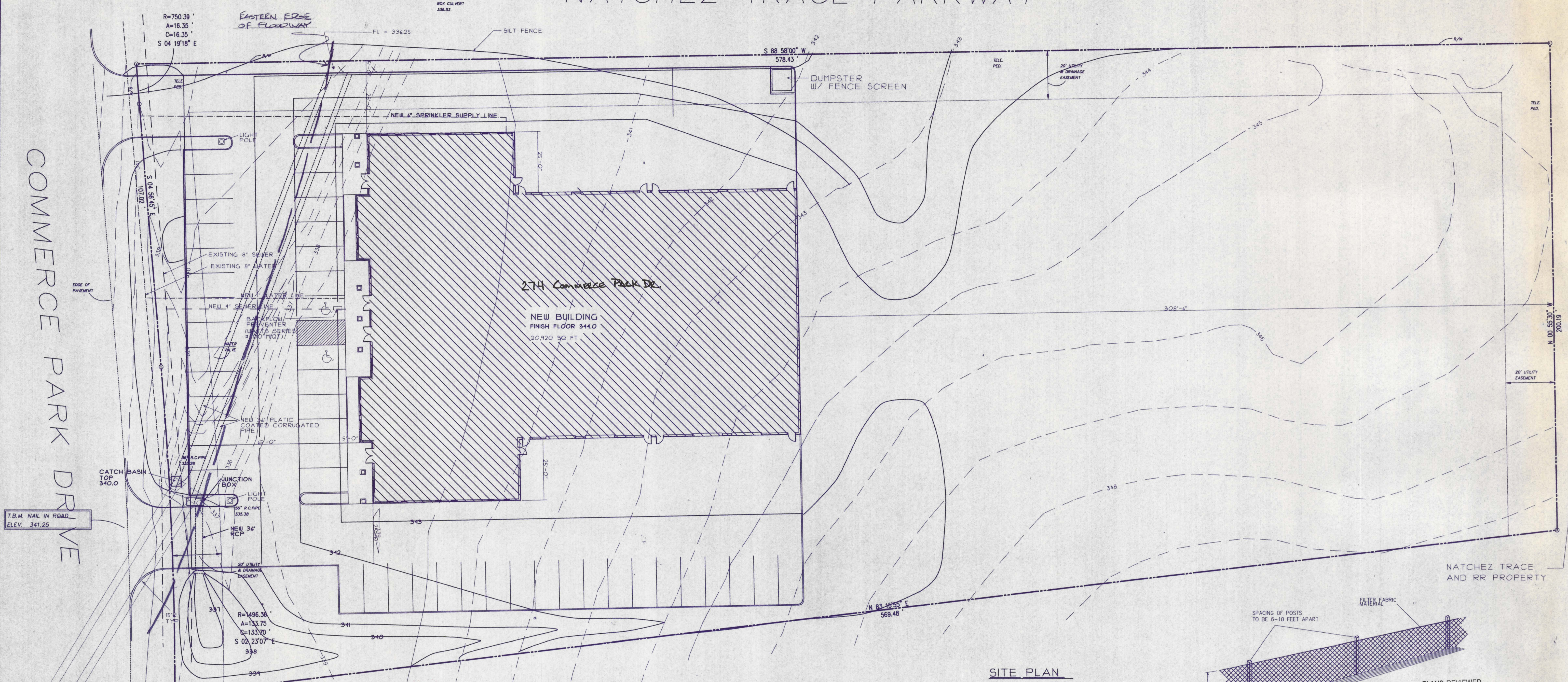


NATCHEZ TRACE PARKWAY

COMMERCE PARK DRIVE



SITE PLAN
SCALE 1" = 20'-0"

25 YEAR STORM RUNOFF CALCULATIONS

Actual runoff from site based on 4.4 inches per hour (25 year)

Formula used: $Q = CIA$
 Q is Quantity
 C is the Coefficient which is the constant value which will change with the perviousness conditions. i.e. $C = .30$ for pervious areas (buildings and pavements)
 I is the Intensity calculated @ 4.4 in/hr
 A is the Area in acres to drain

Before Construction
 Pervious Area
 $Q = CIA$
 $Q = .30 \times 4.4 \times 2.991$
 $Q = 3.95$ cubic feet per second

Imperious Area
 $Q = CIA$
 $Q = .90 \times 4.4 \times 0$
 $Q = 0$ cubic feet per second
 Total before construction is 3.95 cubic feet per second

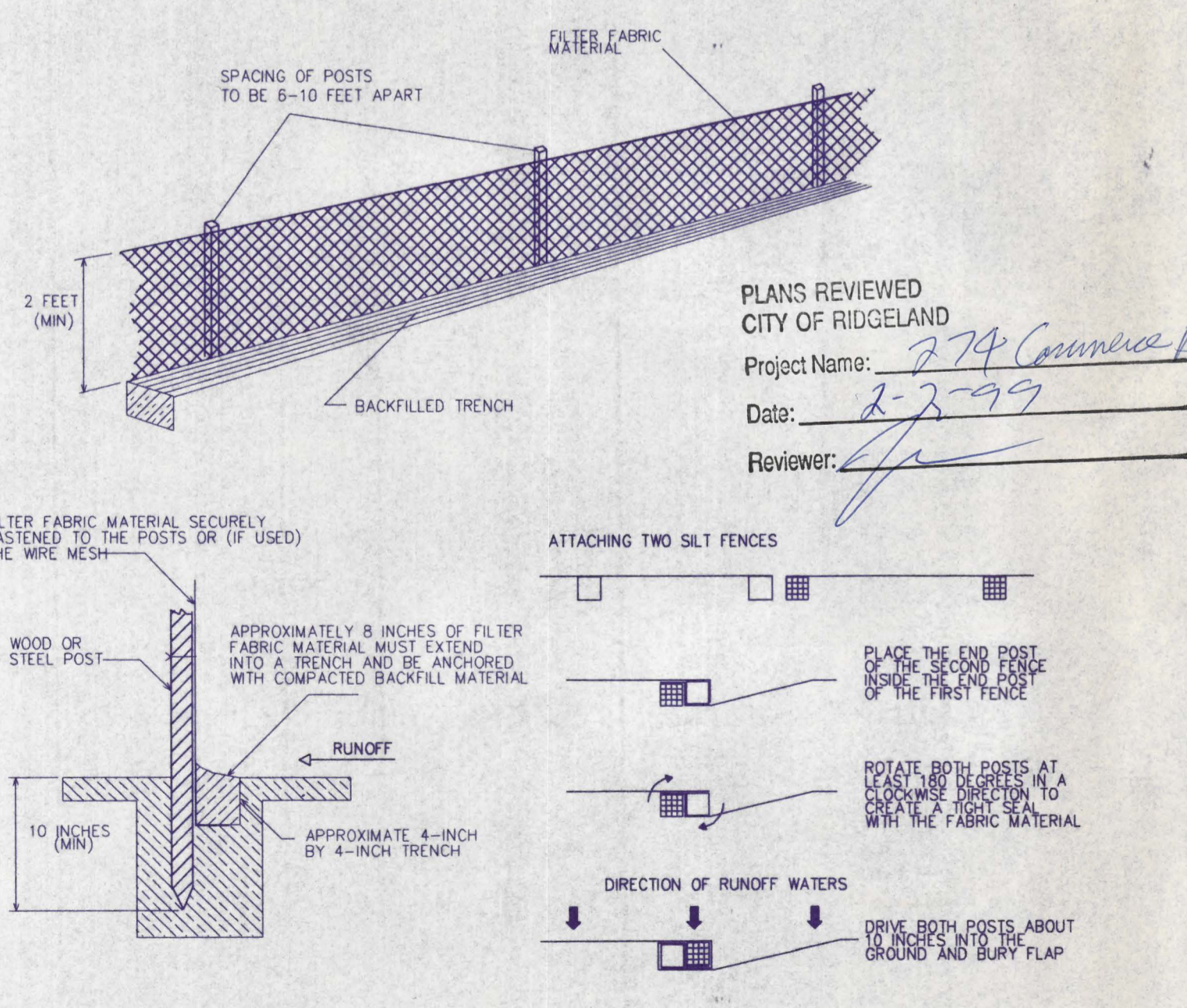
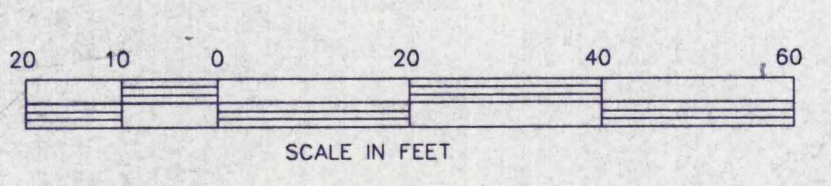
After Construction
 Pervious Area
 $Q = CIA$
 $Q = .30 \times 4.4 \times 1.825$
 $Q = 2.41$ cubic feet per second

Imperious Area
 $Q = CIA$
 $Q = .90 \times 4.4 \times 1.166$
 $Q = 4.62$ cubic feet per second
 Total after construction is 7.03 cubic feet per second

Summary:
 1.03 CFS after construction
 3.95 CFS before construction
 3.08 CFS additional runoff

The additional runoff will flow into provided catch basins and piping and finally into an existing box culvert on the North side of the building.

TOTAL PARCEL - 2.991 ACRES
 BUILDING AND PAVING - .480 ACRES (16% COVERAGE)



SILT FENCE DETAILS

RECEIVED
 FEB 02 1999
 PUBLIC WORKS DEPT.

OFFICE COPY
 PLANS REVIEW
 Public Works Director
 Building Official
 Traffic Engineer
 Drainage Engineer
 Fire Official

Site plans will not go forward to the Architectural Review Board or the Mayor and Board of Aldermen prior to the above review.

SUNBELT PROPERTIES
 CHARLES MOLPUS
 ZONE I-1
 TOPOGRAPHIC SURVEY
 OF
CERTAIN PROPERTIES
 SITUATED IN THE NW 1/4 OF SECTION 30,
 T7N, R2E, CITY OF RIDGELAND,
 MADISON COUNTY, MISSISSIPPI

THIS IS A CLASS "A" SURVEY ACCORDING TO "MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF MISSISSIPPI" ESTABLISHED BY THE AUTHORITY OF SECTION 73-13-15(1), MISSISSIPPI CODE OF 1972 AS AMENDED.

REFERENCE MERIDIAN - TRUE NORTH BASED ON RECORDED PLAT.

O INDICATES FERROUS METAL ROD ALONG PROPERTY LINES OR @ PROPERTY CORNERS.

ONLY VISIBLE UTILITIES ARE SHOWN ON THIS PLAT.



SURVEYED & MAPPED BY
 ROBERT B. BARNES
 CIVIL ENGINEER
 &
 LAND SURVEYOR
 4 OLD RIVER PLACE
 JACKSON, MISSISSIPPI 39202
 SEPTEMBER 15, 1998

A PROPOSED BUILDING FOR:
GIDEON INDUSTRIAL PARK DEVELOPEMENT
 RIDGELAND, MS.

JOB #
 SHEET # **A1**
 OF **4**
 6368-02.DWG