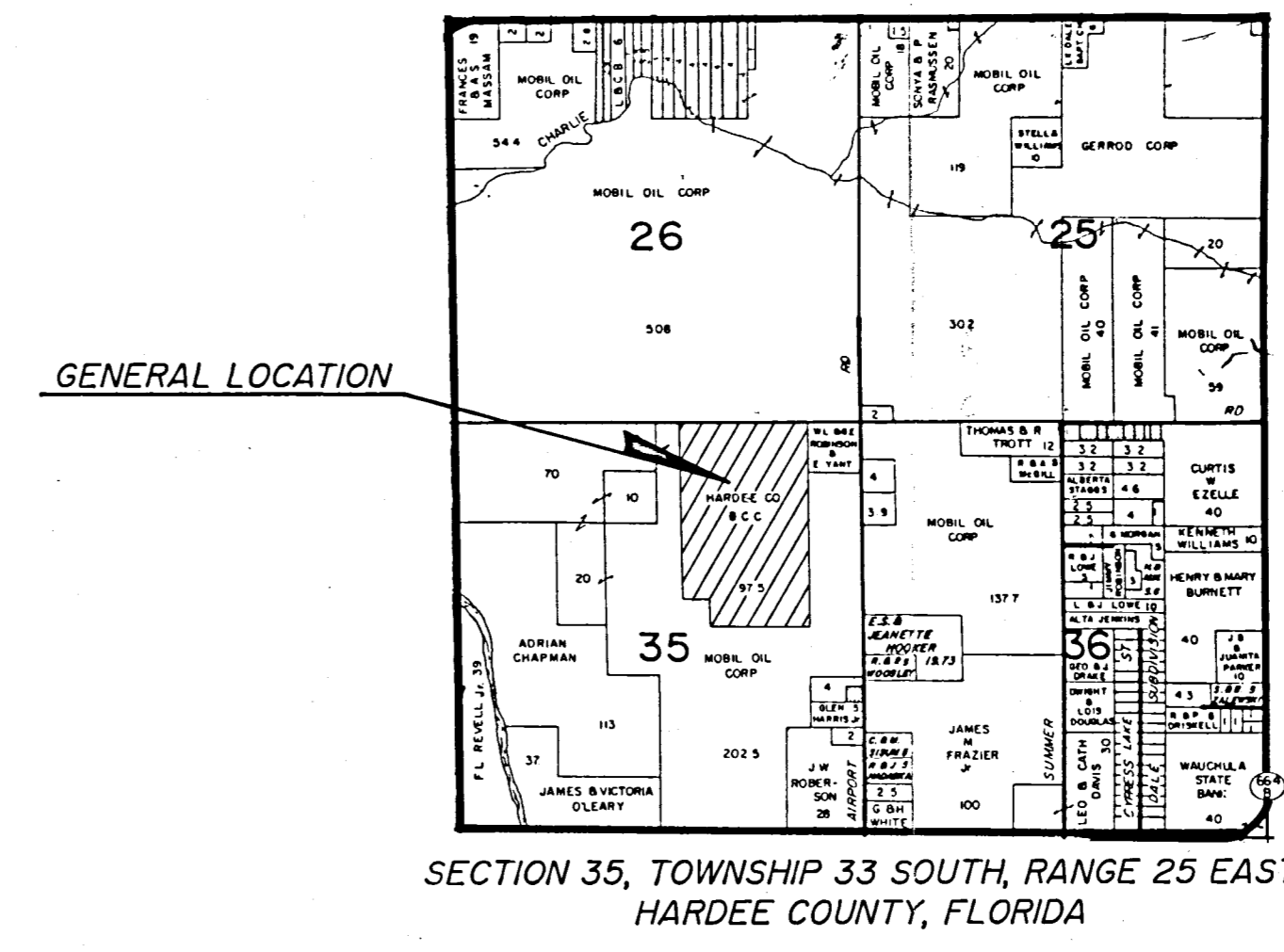
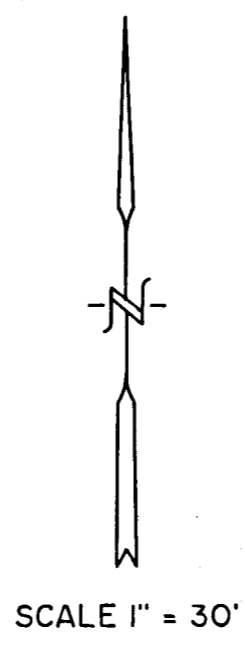
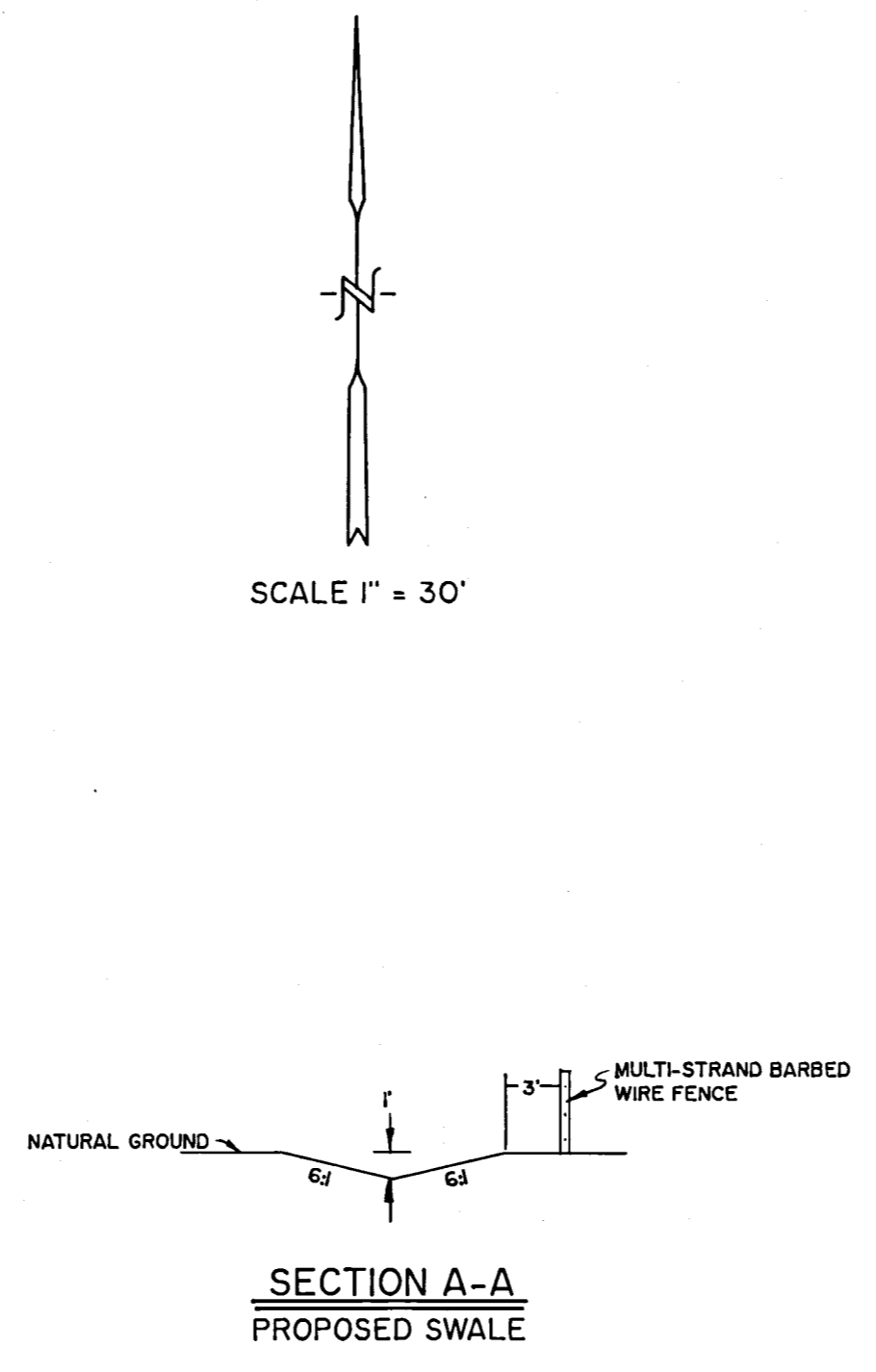
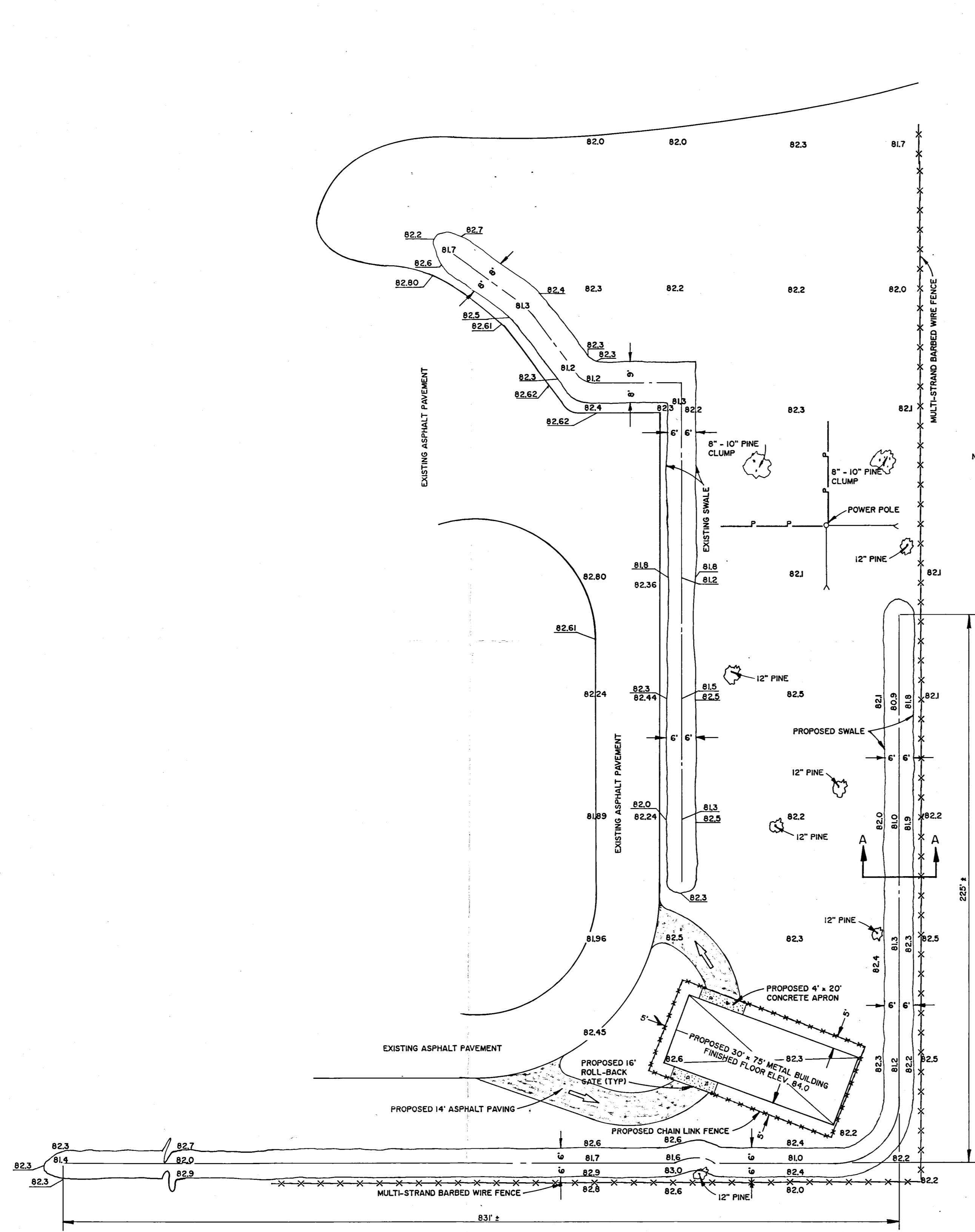


1435056 (1)



HARDEE COUNTY LANDFILL

STORMWATER CALCULATIONS

LAND USE

Total Acreage = 5.01 Acres

Description	Existing	Proposed
Pervious	2.67	2.59
Impervious	2.34	2.42

RUNOFF FROM SITE
(5.01 Acres) (4 Inch) (1 Foot ÷ 12 Inches) = 0.21 Acre Feet
Retained elsewhere on-site.

PROPOSED INTERCEPTOR SWALE
Length = 1,056 Feet
Section Area = 6 Square Feet
Volume Available = 6,336 Cubic Feet

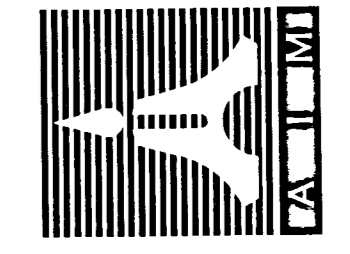
DRAWDOWN TIME
Rate per Soil Conservation Service (Pomona Fine Sand) = 6 Inches/Hour
Applied Rate = SCS Rate ÷ SAFETY FACTOR = 6 Inches/Hour ÷ 2.0 = 3 Inches/Hour
Swale Area = 12,672 Square Feet
Total Percolation Rate = (12,672 SF) (0.25 FT/HR) = 3,168 Cubic Feet/Hour
Drawdown Time = Volume Available ÷ Percolation Rate = 6,336 CF ÷ 3,168 CF/HR = 2.0 Hours

D.E.R.
MAY 4 1992
SOUTHWEST DISTRICT
TAMPA

HARDEE COUNTY BOARD OF COUNTY COMMISSIONERS
PERMIT REVISION

AIM Engineering and Surveying • Consultants
CIVIL • SANITARY • TRANSPORTATION • DEVELOPMENT • PROJECT MANAGEMENT
401-C SOUTH 6th AVENUE, P.O. BOX 1057, WAUCHULA, FLORIDA 33873
WAUCHULA (813) 773-5931 ARCADIA (813) 494-7400 FAX (813) 773-2191

NO.	DATE	DESCRIPTION



SECRET		
NAME		GLORIA C. BRAD-RICCO
FL REG NO.		35151
DRAWN BY		L. SEIBERT
CHECKED BY		D. AUTRY
DATE	4-01-92	

SURVEY RECORD		
FIELD BOOK	183	PAGE 29
LOT		BLOCK
SECTION	35	TOWNSHIP 33 S RANGE 25 E
PLATBOOK		PAGE
COUNTY:	HARDEE COUNTY, FLORIDA	
CLIENT NAME:	HARDEE COUNTY BOARD OF COUNTY COMMISSIONERS	
PROJECT SHEET TITLE:	PERMIT REVISION	
PLAN	PROJECT SITE	SHEET /
DATE	4-01-92	OF
PROJECT NUMBER:	06-0726-92	OF 1