

APPENDIX I
TO
CRITERIA MANUAL
FOR SEMINOLE
WATER RIGHTS COMPACT

**TABLE A
DESCRIPTION OF WELLS**

WELL NO.				
Map Designation				
Existing/Proposed				
Diameter (Inches)				
Total Depth				
Cased Depth				
Screened Interval				
Pumped or Flowing				
Working Valve (f. Artesian (Yes/No)				
Pump Manufacturer and Model No.				
Pump (Centrifugal, Type Jet, Deep Jet, Turbine, etc.)				
Intake Depth (NGVD)				
Pump Capacity (GPM at <u> </u> FT of head at <u> </u> PSI)				
Active (Yes/No)				
Year Drilled				
Type of Meter				
Florida Plane Coordinates				

**TABLE 9
DESCRIPTION OF SURFACE WATER PUMPS**

Drainage District:				
PUMP NO.				
Map Designation				
Surface Water Body				
Existing or Proposed				
Pump Manufacturer and Model Number				
Pump Type				
Pump Capacity				
Pump Horse Power				
Pump Diameter				
Elevation of Intake (MSVD)				
Is pump a two way pump?				
F10-F104 Plane Coordinates				

**TABLE C
DESCRIPTION OF CULVERTS**

CULVERT NO.				
Map Designation				
Water Body				
Existing or Proposed				
Diameter**				
Height**				
Width**				
Type of Culvert***				
Culvert Length				
Invert Elevation (NGVD)				
Type of Control Device				
Irrigation or Drainage				
Florida Plane Coordinates				

*For Circular Culverts

**For Elliptical Culverts

***Corrugated Metal, reinforced concrete, etc.

TABLE D
WATER USE DATA FOR 12 MONTH PERIOD
 FROM _____ TO _____

Month/Year	Raw Water Pumpage		Total Raw Water Pumpage (MG)	Total Water Treated (MG)
	Ave. Day (MGD)	Max. Day (MGD)		
Total		*****		
Average		*****		

Ratio of water pumped to water treated _____

Maximum day pumpage was _____ MGD

and occurred on _____

Ratio of maximum day pumpage to average day pumpage was _____

**TABLE E
PAST WATER USE**

Year	Past Population	Number of Units*	Total Annual (MG)	Average Day (MGD)	Maximum Day (MGD)
19					
19					
19					
19					
19					
19					
19					
19					
19					
19					

*Cumulative

**TABLE F
PROJECTED WATER USE**

Year	Projected Population	Number of Units*	Total Annual (MG)	Average Day (MGD)	Maximum Day (MGD)
19					
19					
19					
19					
19					
19					
19					
19					
19					
19					

*On separate sheet of paper separate units into types of units, number of persons/unit, and water usage/unit for each year on a cumulative basis.

WATER SHORTAGE RESTRICTIONS ESSENTIAL/DOMESTIC/UTILITY/COMMERCIAL

	ESSENTIAL USE	DOMESTIC TYPE USE	WATER UTILITY USE	POWER PRODUCTION USE COMMERCIAL & INDUSTRIAL PROCESS USE	DIVERSION & IMPOUNDMENT INTO NON-DISTRICT FAC.
PHASE I Moderate Shortage (Yellow)	Fire fighting or medical uses - No restrictions. Hydrant flushing - only on emergency basis. Sewer line flushing - voluntary reductions.	Residential domestic use - voluntarily reduced to 60 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced.	Pressure - Voluntary reduction to 45 psi initial pressure at point of service (meter). Notify appropriate fire-fighting agencies. New waterline cleaning & disinfection - restricted to 7 p.m.-7 a.m. Voluntary system conservation. Pressure - Same as Phase I, except pressure reduction is mandatory.	Commercial car washes - For vehicles under 10,000 lb. gross wt. use restricted to 75 gal. or less per wash; vehicles greater than 10,000 lb. gross wt. restricted to 150 gal. or less per wash. Other power production, commercial & industrial processes - voluntary. Same as Phase I	Voluntary reduction in diversions
PHASE II Severe Shortage (Orange)	Same as Phase I	Residential domestic use - voluntarily reduced to 40 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced.	Pressure - Same as Phase I, except pressure reduction is mandatory.	Commercial car washes - for vehicles under 10,000 lbs. gross wt. Use above 75 gal. per wash prohibited. Use between 75 gal. & 150 gal. restricted to 8 a.m. - 3 p.m. Use 50 gal. or less - voluntary. Vehicles over 10,000 lbs. gross wt. use above 150 gal. per wash prohibited; Use between 150 & 100 gal. restricted to 8 a.m. - 3 p.m. Use 100 gal. or less - voluntary. Other commercial, industrial & power production processes - voluntary. Same as Phase II	Same as Phase I
PHASE III Extreme Shortage (Red)	Same as Phase I	Residential domestic use - voluntarily reduced to 40 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced.	Pressure - Voluntary reduction below 45 psi initial pressure at point of service (meter). Maintain adequate line and fire flow pressures.	Commercial car washes - for vehicles under 10,000 lbs. gross wt. Use above 75 gal. per wash prohibited. Use between 75 gal. & 150 gal. restricted to 8 a.m. - 3 p.m. Use 50 gal. or less - voluntary. Vehicles over 10,000 lbs. gross wt. use above 150 gal. per wash prohibited; Use between 150 & 100 gal. restricted to 8 a.m. - 3 p.m. Use 100 gal. or less - voluntary. Other commercial, industrial & power production processes - voluntary. Same as Phase II	Same as Phase I
PHASE IV Critical Shortage (Purple)	Fire fighting or medical uses - No restrictions. Hydrant flushing - only on emergency basis. Sewer line flushing - only on an emergency basis.	Residential domestic use - voluntarily reduced to 30 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced to minimum levels required for health & safety.	Pressure - Same as Phase III	Commercial car washes - for vehicles under 10,000 lbs. gross wt. Use above 75 gal. per wash prohibited. Use between 75 gal. & 150 gal. restricted to 8 a.m. - 3 p.m. Use 50 gal. or less - voluntary. Vehicles over 10,000 lbs. gross wt. use above 150 gal. per wash prohibited; Use between 150 & 100 gal. restricted to 8 a.m. - 3 p.m. Use 100 gal. or less - voluntary. Other commercial, industrial & power production processes - voluntary. Same as Phase II	Same as Phase I

MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD

WATER USE

	AGRICULTURAL USE	AQUACULTURAL USE LIVESTOCK USE	SOIL FLOODING	FREEZE PROTECTION
PHASE I Moderate Shortage (Yellow)	Overhead, except portable volume restricted to 2 p.m. to 10 a.m. Low volume - no restrictions Voluntary use of water conservation techniques. Maximize use from sources not experiencing shortages.	Voluntary reduction in use.	Pest Control, soil preservation - flooding prohibited. Sugarcane - flooding for burning prior to harvesting - voluntary reduction. Sod-flooding to permit harvesting - voluntary reduction.	Limited to situations in which official weather forecast services predict freezing temperatures likely to cause permanent damage to crops.
PHASE II Severe Shortage (Orange)	Same as Phase I	Same as Phase I	Same as Phase I	Same as Phase I
PHASE III Extreme Shortage (Red)	Overhead to 10 a.m. to 7 p.m. to 1 a.m. Low volume - 75% restriction. Voluntary use of water conservation techniques. Maximize use from sources not experiencing shortages. Withdrawals limited based upon availability of water, permitted acreage and allocation and relative value of agricultural products.	Same as Phase I	Pest Control, Soil Preservation - Flooding prohibited. Sugarcane - Same as Phase I. Sod-flooding to permit harvesting - prohibited.	Same as Phase I
PHASE IV Critical Shortage (Purple)	Same as Phase III	Same as Phase I	Same as Phase III	Same as Phase I

**MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**

Figure 2-1
Sheet 2 of 4

Figure 2-1
Sheet 2 of 4

WATER SHORTAGE RESTRICTIONS NURSERY/URBAN IRRIGATION/RECREATION

**WATER BASED
RECREATION USE
(INCLUDES POOLS,
WATER SLIDES,
SWIM AREAS)**

**LANDSCAPE IRRIGATION LANDSCAPE IRRIGATION
NEW INSTALLATION EXISTING INSTALLATION
RECREATION AREA USE RECREATION AREA USE**

	NURSERY USE	LANDSCAPE IRRIGATION LANDSCAPE IRRIGATION NEW INSTALLATION EXISTING INSTALLATION RECREATION AREA USE RECREATION AREA USE	GOLF COURSE USE	WATER BASED RECREATION USE (INCLUDES POOLS, WATER SLIDES, SWIM AREAS)
PHASE I Moderate Shortage (Yellow)	Low volume-voluntary watering-voluntary Overhead-inside-6 a.m.-8p.m., 7 days per week Overhead outside-7p.m.-7a.m., 7 days per week Flood - 8 days per month	Under 5 acres-2 a.m.-8 a.m., Mon.-Fri. 5 acres or over-12:01 a.m.-8 a.m., Mon.-Fri. Low volume hand watering - voluntary. New irrigation system cleaning & adjusting - 10 min. per zone, one time only.	Under 5 acres-4 a.m.-8 a.m., Mon, Wed, & Sat for odd house addresses & Tues, Thurs, Sun for even house addresses with no address 5 acres or over-Same as under 5 acres except hrs. limited to 12:01 a.m.-8 a.m.	Filling - permitted for new and existing facilities. Draining - only permitted onto pervious surfaces, no draining into sewers. Makeup - permitted for new and existing facilities
PHASE II Severe Shortage (Orange)	Low volume-voluntary watering-voluntary Overhead-inside-6 a.m.-8p.m., 7 days per week. Overhead-outside-7 p.m.-7a.m., odd numbered days Flood - 6 days per month.	Under 5 acres-2 a.m.-8 a.m., Mon, Wed, Thurs, Fri. 5 acres or over-12:01 a.m.-8 a.m., Mon, Wed, Thurs, Fri. Low vol. hand watering - voluntary New irrig. system clean. & adjust. 10 min. per zone, one time only.	Under 5 acres-4 a.m.-8 a.m. on Wed & Sat for odd house addresses; Thurs & Sun for even house addresses & locations with no address. 5 acres or over- Same as under 5 acres, except hours limited to 12:01 a.m.- 8 a.m.	Filling - permitted for new facilities, prohibited for existing facilities Draining - same as Phase I Makeup - Same as Phase I
PHASE III Extreme Shortage (Red)	Low volume-voluntary watering-voluntary Overhead-inside-8 a.m.- 8 p.m., odd numbered days Overhead - outside- 12:01 a.m.-7 a.m., odd numbered days. Flood - 4 days per month.	Under 5 acres-2 a.m.-7 a.m., Mon, Wed, Fri. 5 acres or over - 12:01 a.m.-7 a.m., Mon, Wed, Fri. Low volume hand watering - voluntary New irrigation system cleaning & adjusting - 10 min. per zone, one time only.	Under 5 acres - 4 a.m.- 7 a.m. on Sat for odd house addresses; Sun for even addresses & locations with no address. 5 acres or over - Same as under 5 acres except hrs. limited to 12:01 a.m. to 7 a.m.	Same as Phase II
PHASE IV Critical Shortage (Purple)	Low volume-voluntary watering-voluntary Overhead inside-8 a.m.-4 p.m., odd numbered days Overhead outside-2 a.m.-7 a.m., odd numbered days Flood- 2 days per month.	Under 5 acres-8 a.m.-7 a.m., Sat. 5 acres or over-4 a.m.-7 a.m., Sat. Low volume hand watering -Mon, Wed, Fri. New irrigation system cleaning & adjusting - prohibited.	Under 5 acres - 6 a.m.- 7 a.m. on Sat for odd house addresses & Sun for even house addresses and locations with no addresses. 5 acres or over- Same as under 5 acres except hrs. limited to 4 a.m - 7 a.m.	Filling - prohibited for new and existing facilities Draining - same as Phase I Makeup - prohibited

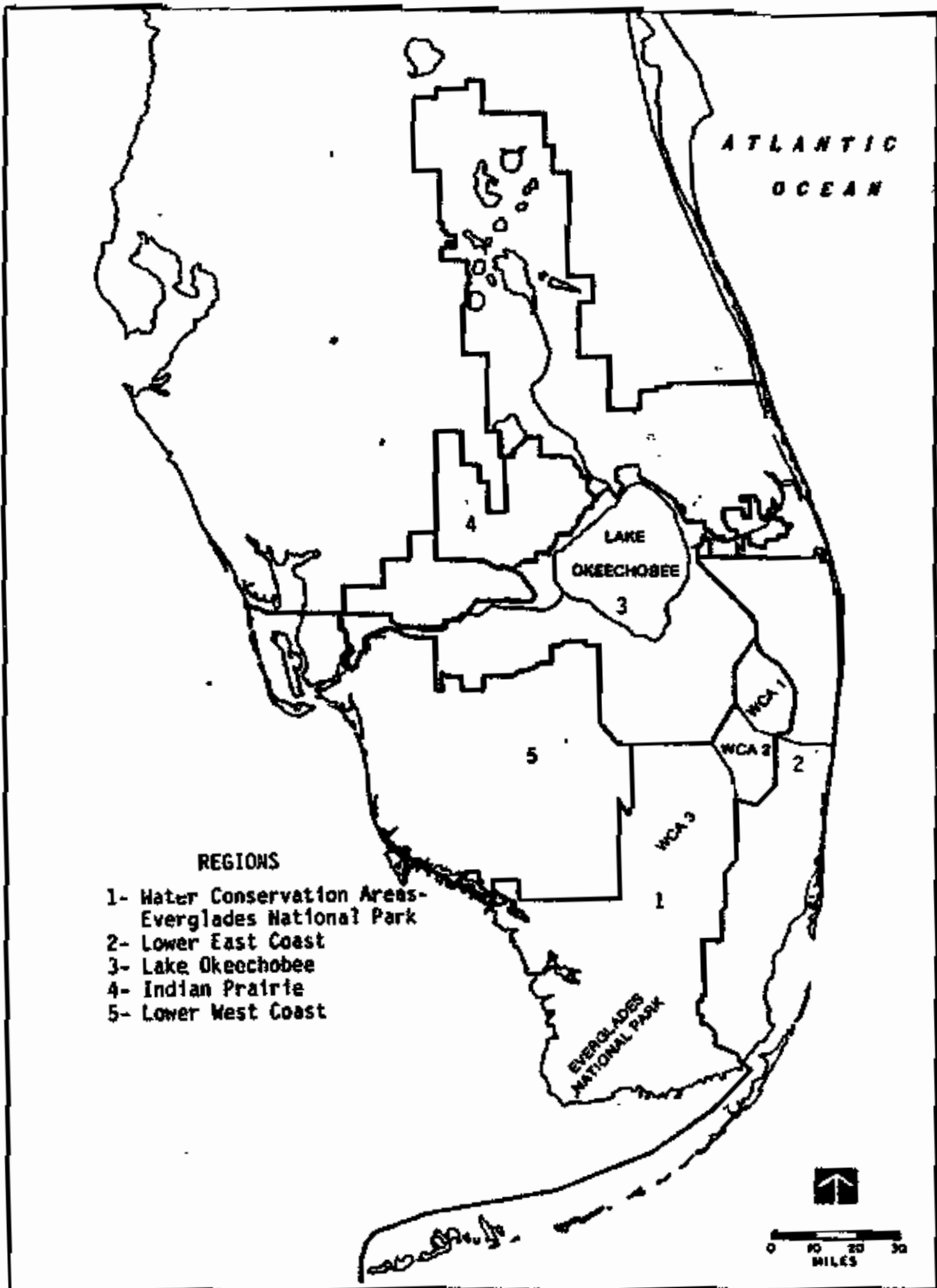
**MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**

Figure 2-1
Sheet 3 of 4

WATER SHORTAGE RESTRICTIONS MISCELLANEOUS

	COOLING & AIR CONDITIONING USE	DEWATERING USE	NAVIGATION USE	OTHER OUTSIDE USES	AESTHETIC USE (includes fountains, waterfalls, etc.)
PHASE I Moderate Shortage (Yellow)	Restricted to water necessary to maintain temperatures no colder than 78°F.	Discharge of fresh- water to salt prohibited.	(Not Applicable)	Street, driveway, sidewalk washing or cleaning prohibited. Vehicle washing/non- commercial; pressure washing only, during irrigation hrs. & days, low volume only. Outside pressure cleaning-low volume programs only, 7 days/week.	Outside-Prohibited inside - Voluntary reductions.
PHASE II Severe Shortage (Orange)	Same as Phase I	Same as Phase I	(Not Applicable)	Same as Phase I	Same as Phase I
PHASE III Extreme Shortage (Red)	Same as Phase I	Same as Phase I	(Not Applicable)	Street, driveway, sidewalk-Same as Phase I Vehicle washing (non- commercial); Same as Phase I Outside pressure cleaning-low volume programs only, Mon. through Fri.	Outside - Prohibited Inside - Prohibited
PHASE IV Critical Shortage (Purple)	No immediate discharge to freshwater; water reuse required.	Same as Phase I	(Not Applicable)	Street, driveway, sidewalk-Same as Phase I Vehicle washing (non- commercial); Same as Phase I Outside pressure cleaning-low volume programs only Mon & Wed.	Same as Phase III

**MORE THAN 66% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**



WATER SHORTAGE PLAN REGIONS

Figure 2-2

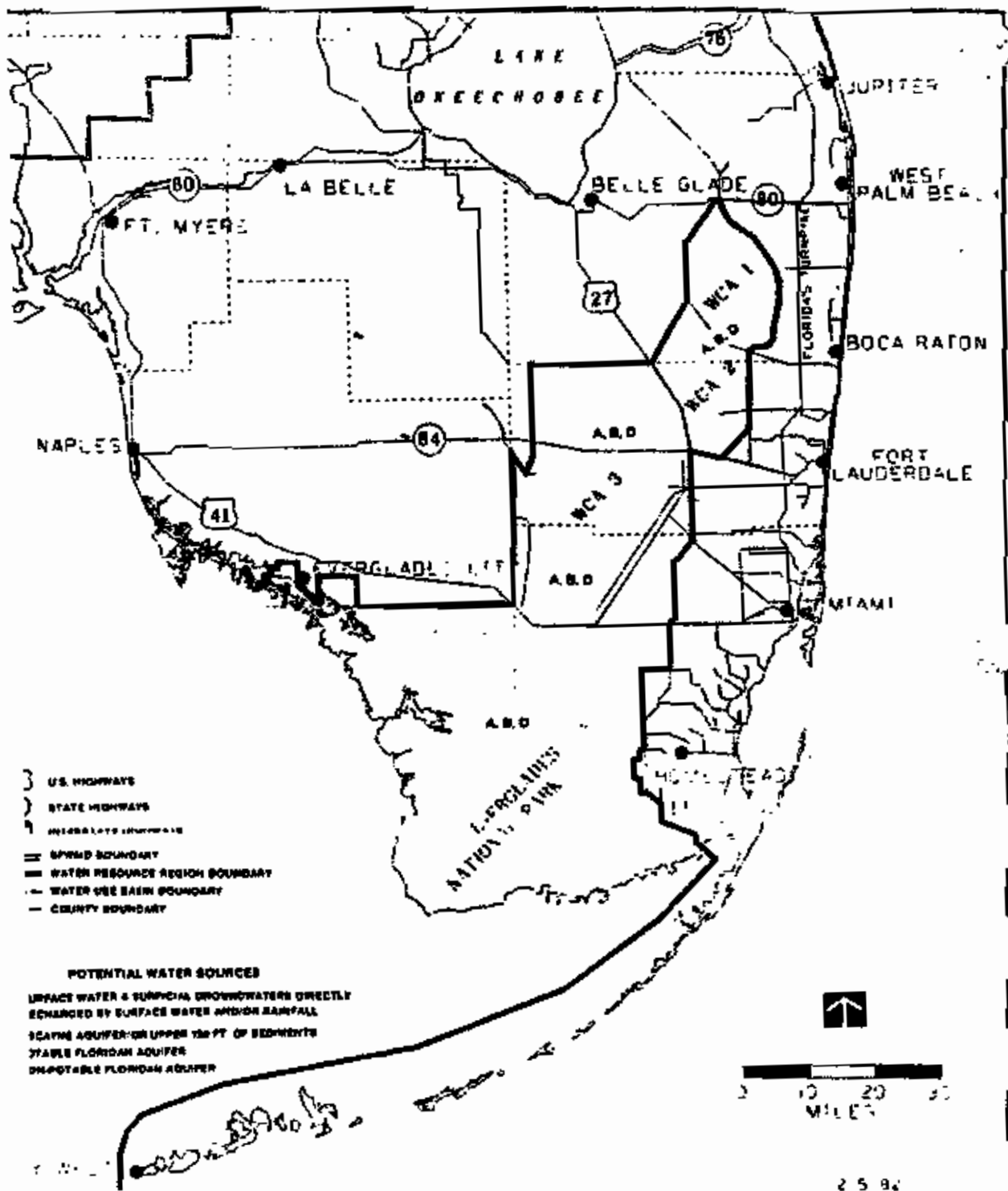
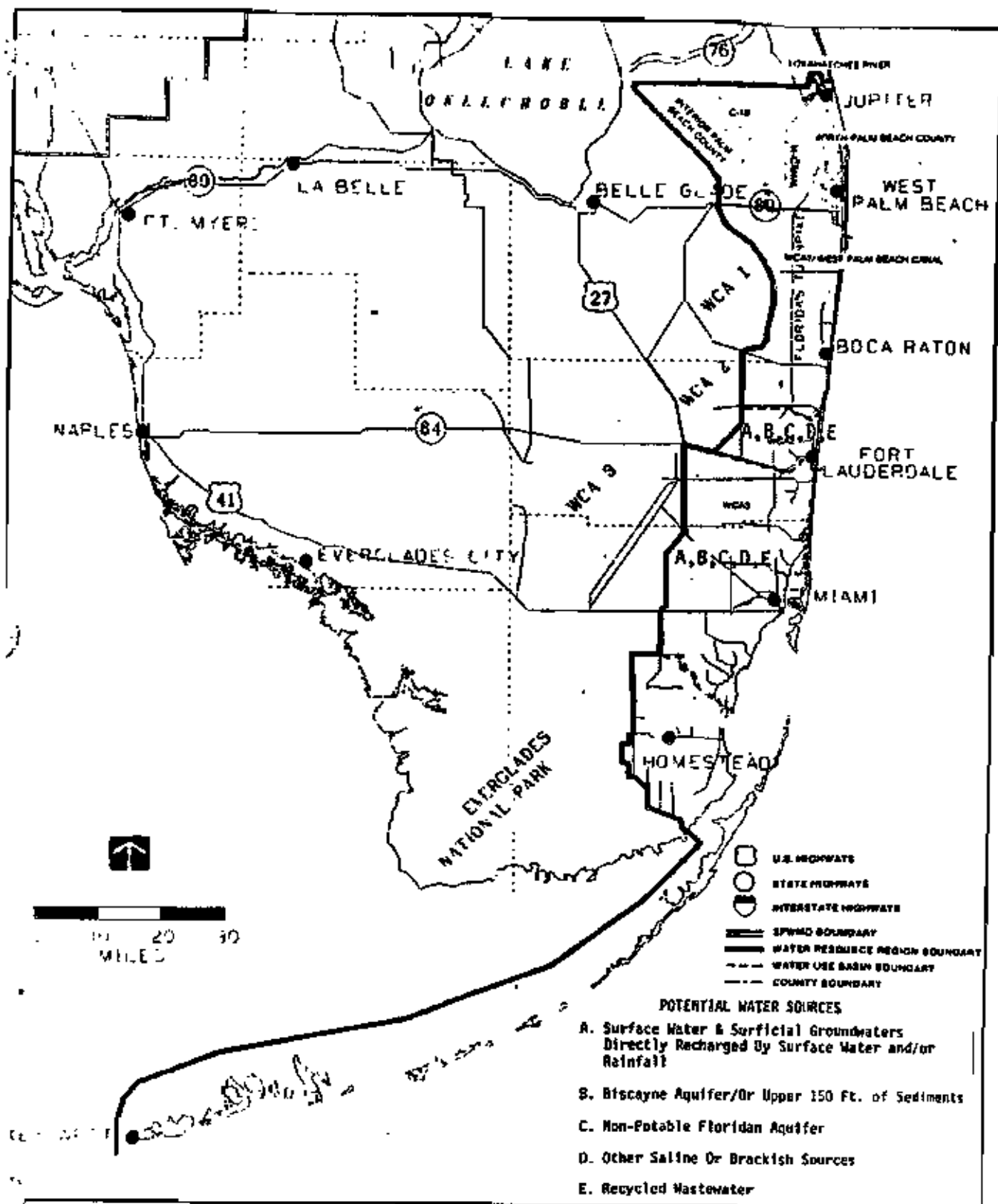


Figure 2-
WATER CONSERVATION AREAS - EVERGLADES NATIONAL PARK REGION



LOWER EAST COAST REGION

Figure 2-4

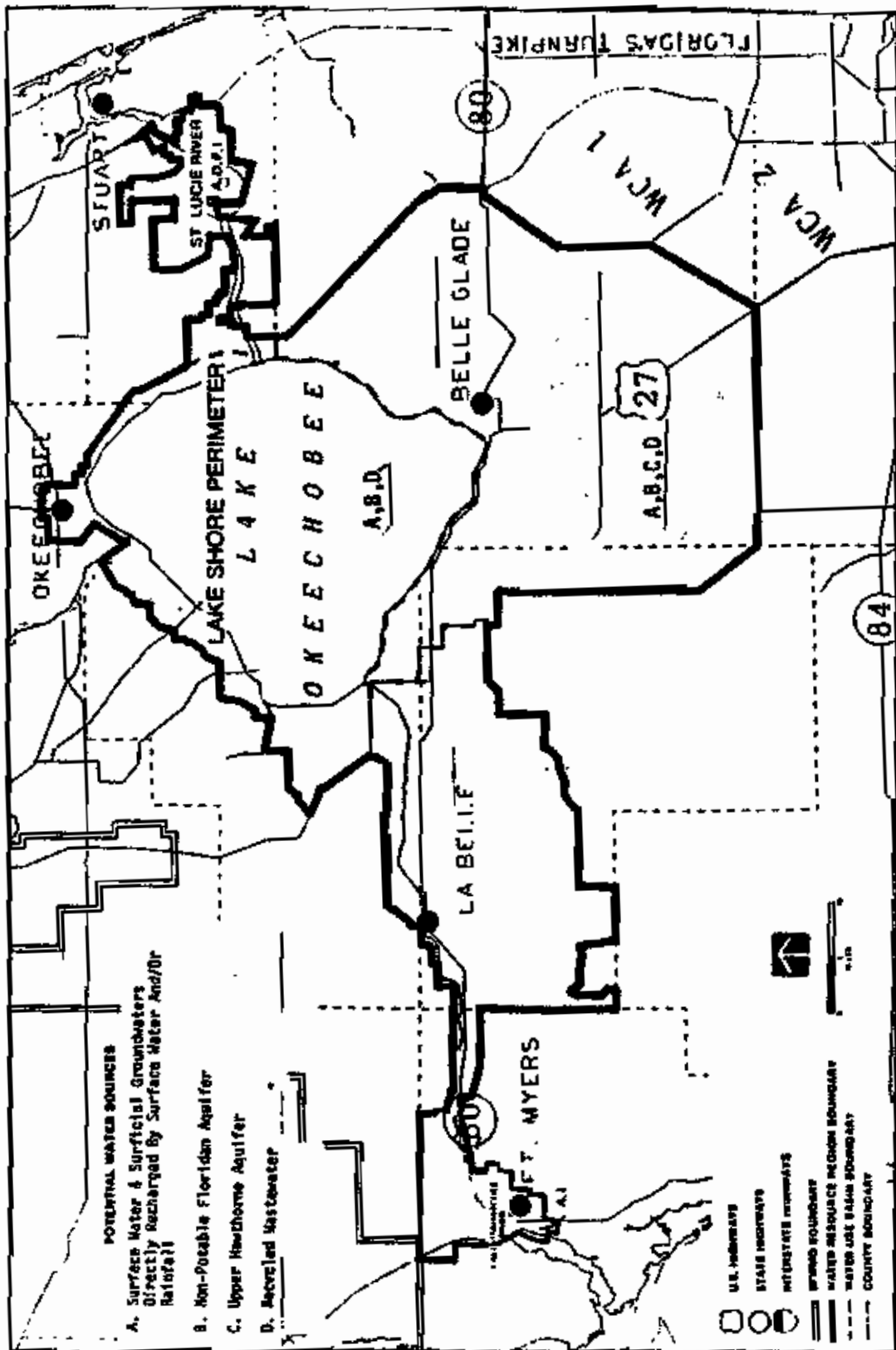


Figure 2-5

LAKE OKEECHOBEE REGION

Figure 2-5

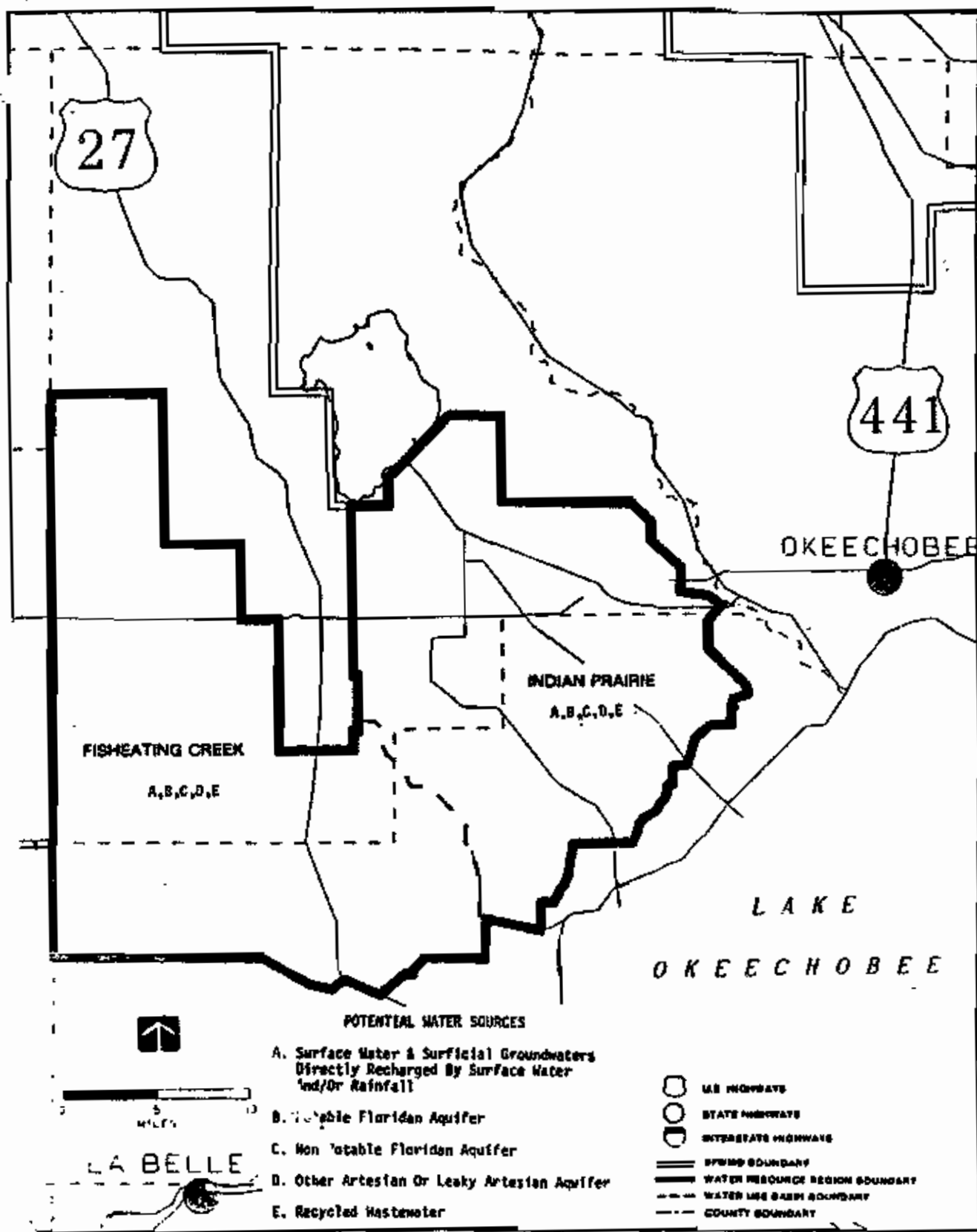


Figure 2-6

INDIAN PRAIRIE REGION

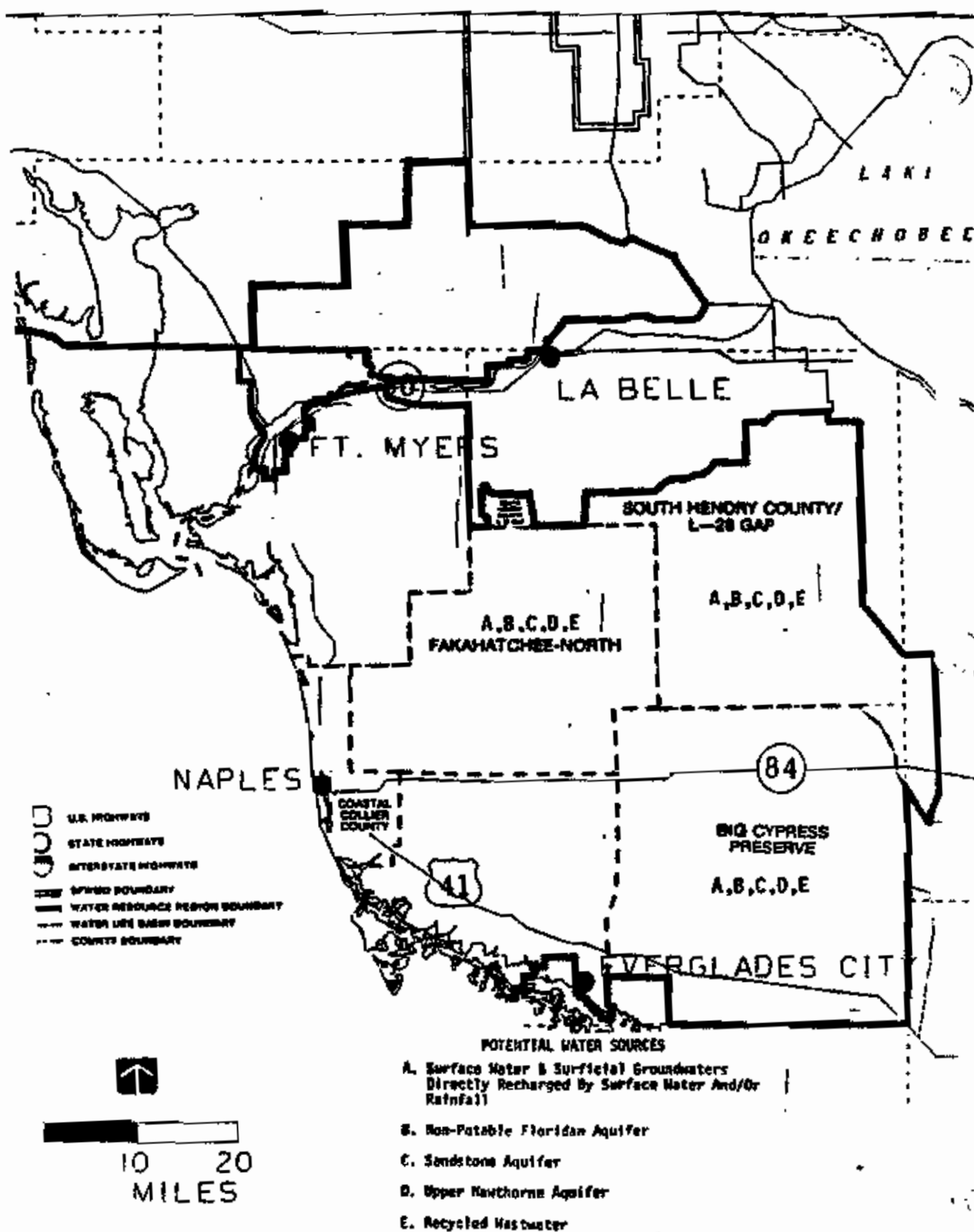
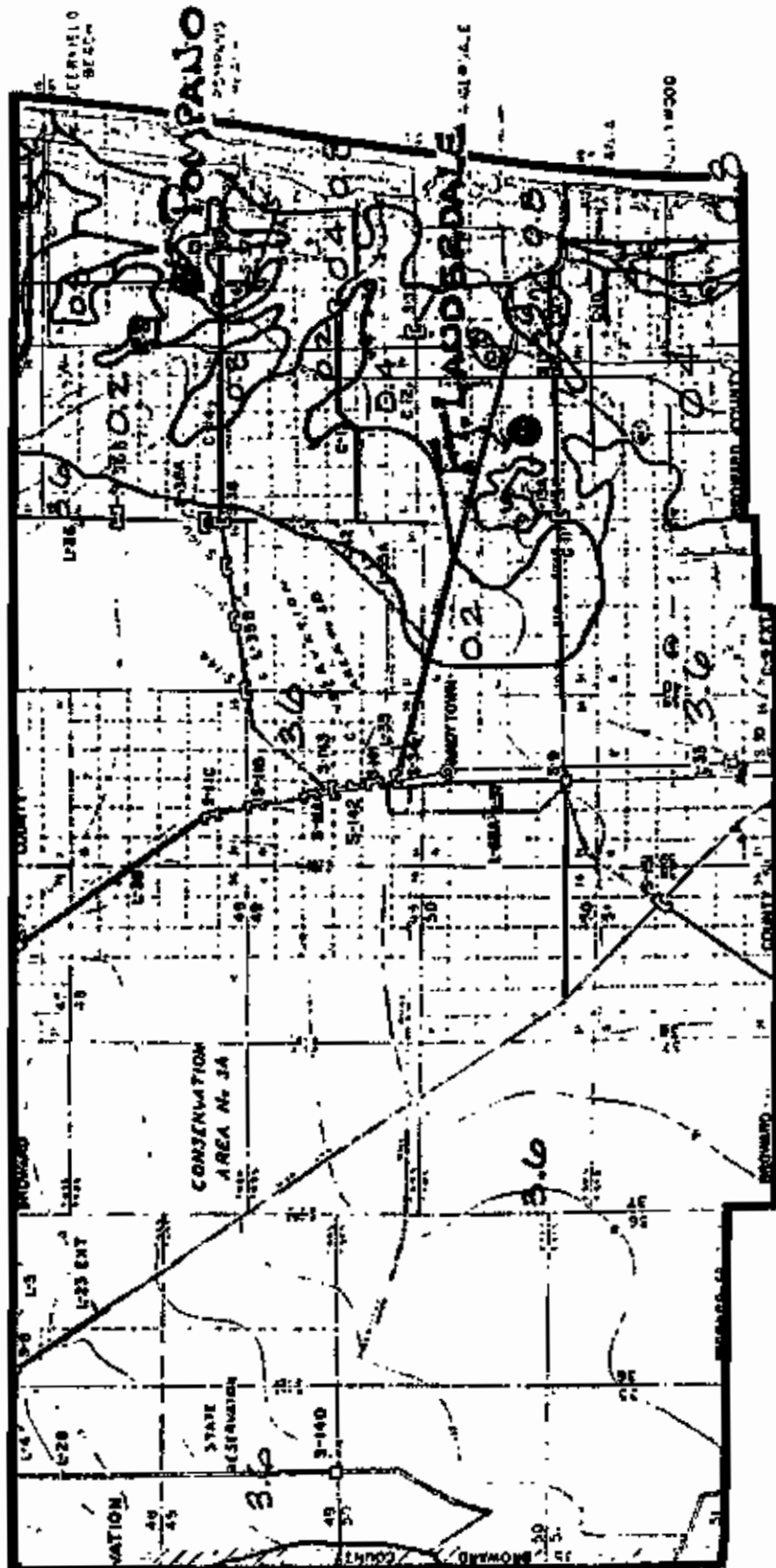


Figure 2-

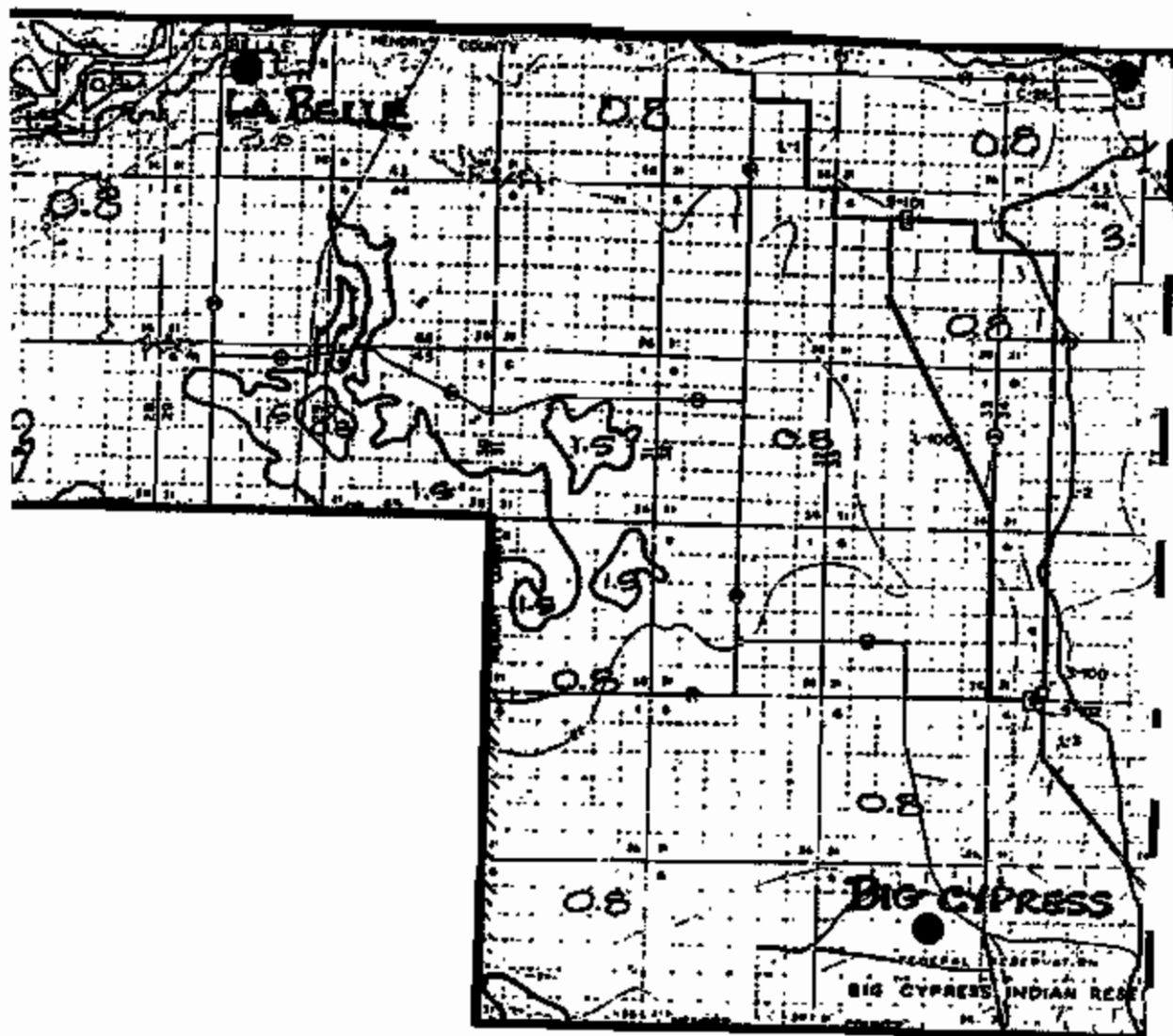
LOWER WEST COAST REGION



SOIL TYPES

BROWARD COUNTY

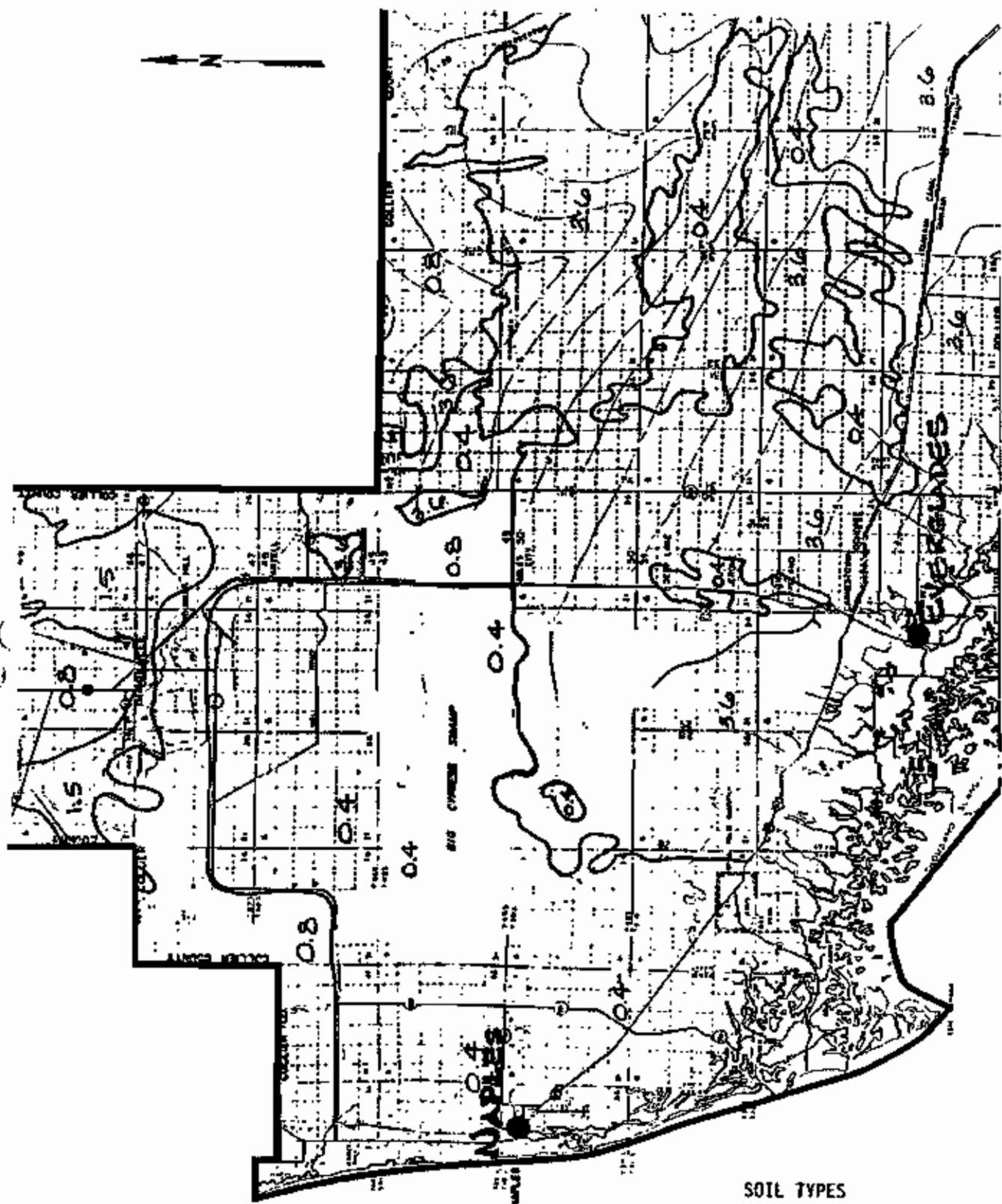
Figure 3-1



HENDRY COUNTY

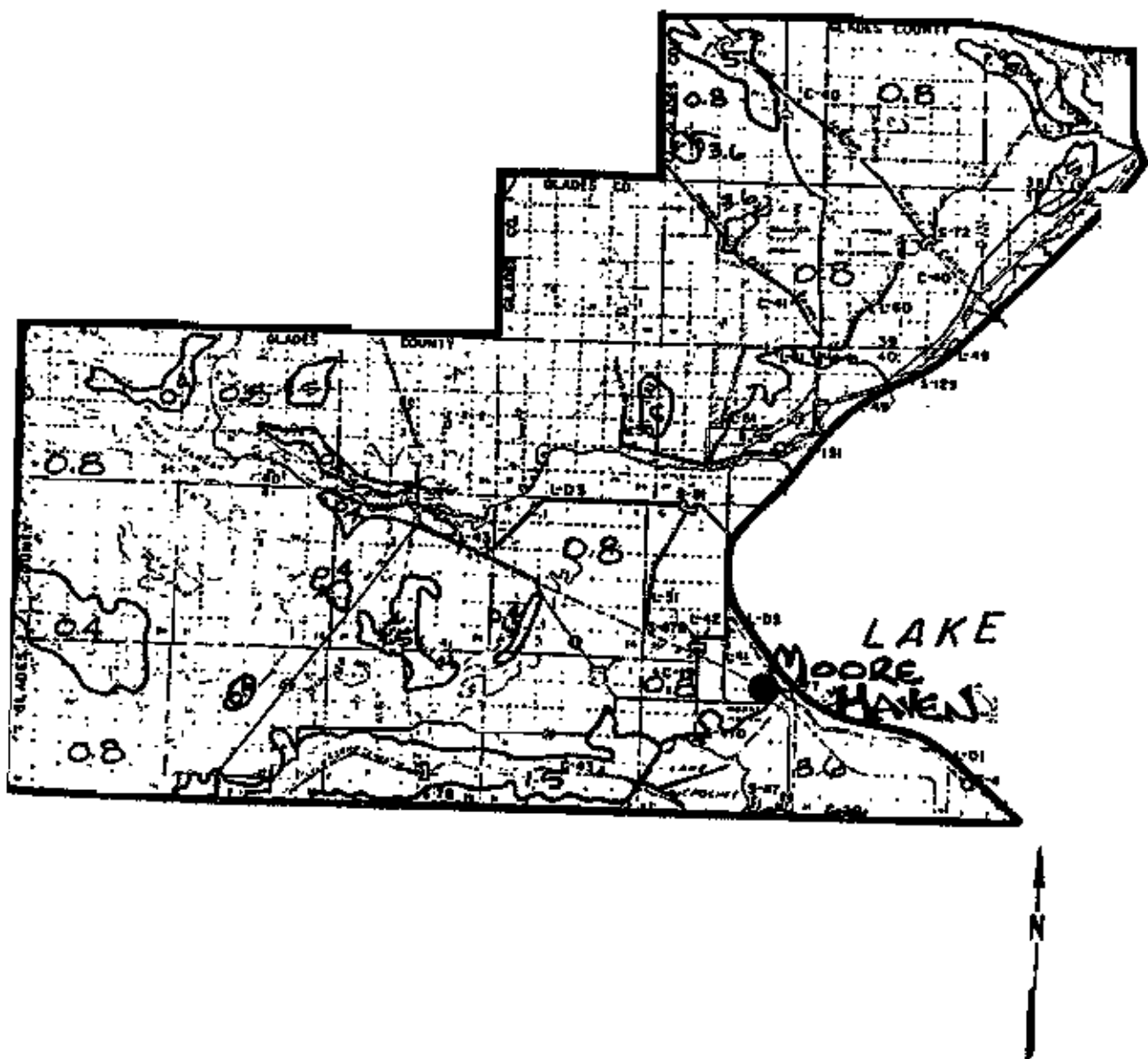
SOIL TYPES

Figure 3-2



COLLIER COUNTY

Figure 3-3



GLADES COUNTY

SOIL TYPES

Figure 3-4

URBAN RETENTION/DETENTION

Note: Storage Required Is In Addition To Normal Street & Lot Swales Which Have Already Been Accounted For In Preparation Of Curve.
(See 4.3.2.2(b))

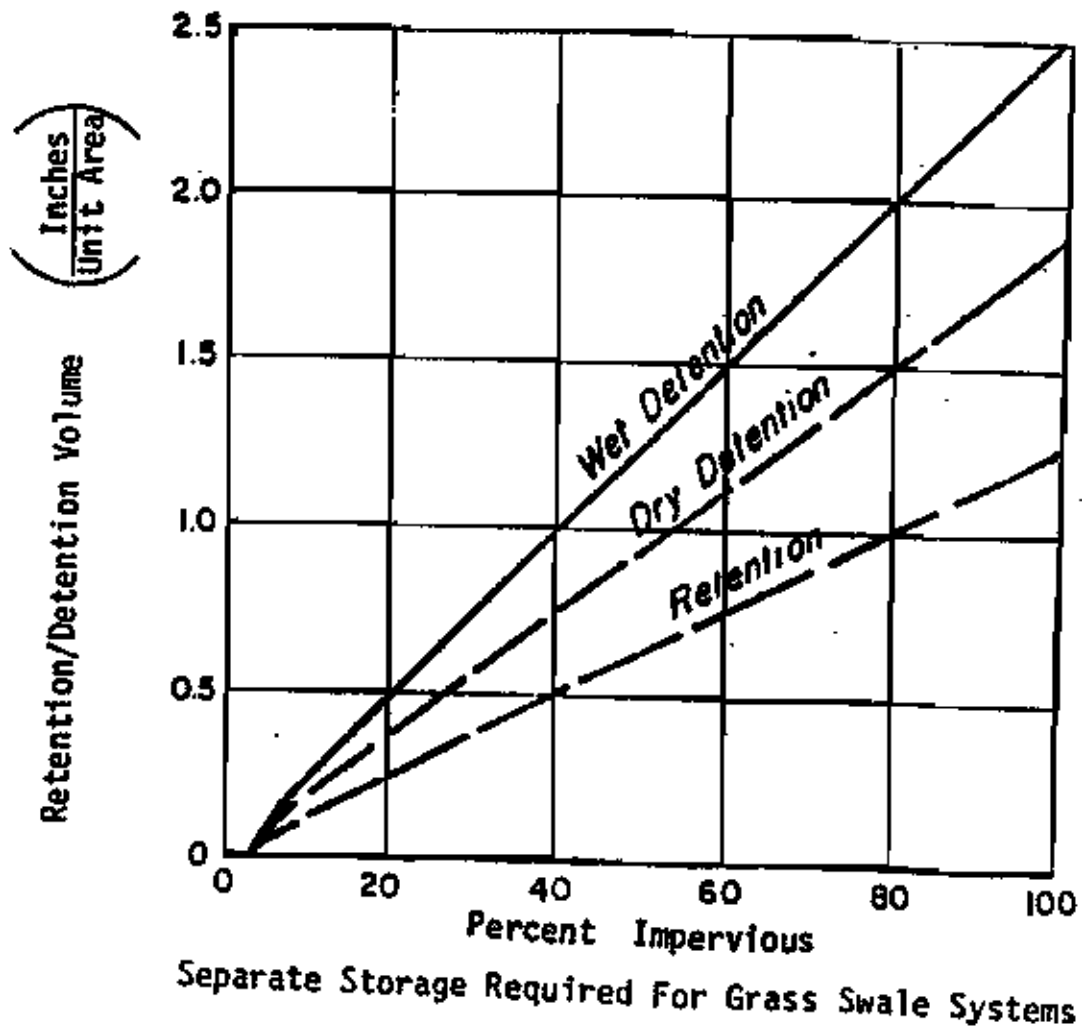


Figure 4-1