

FKAA Marathon

ASR Facility No. 19

INTERIM REPORT
For The Construction Of the

FLORIDA KEYS

AQUIFER STORAGE

ECOVERY TEST PROGRAM

PHASE THREE



For The
FLORIDA KEYS AQUEDUCT AUTHORITY
Key West, Florida

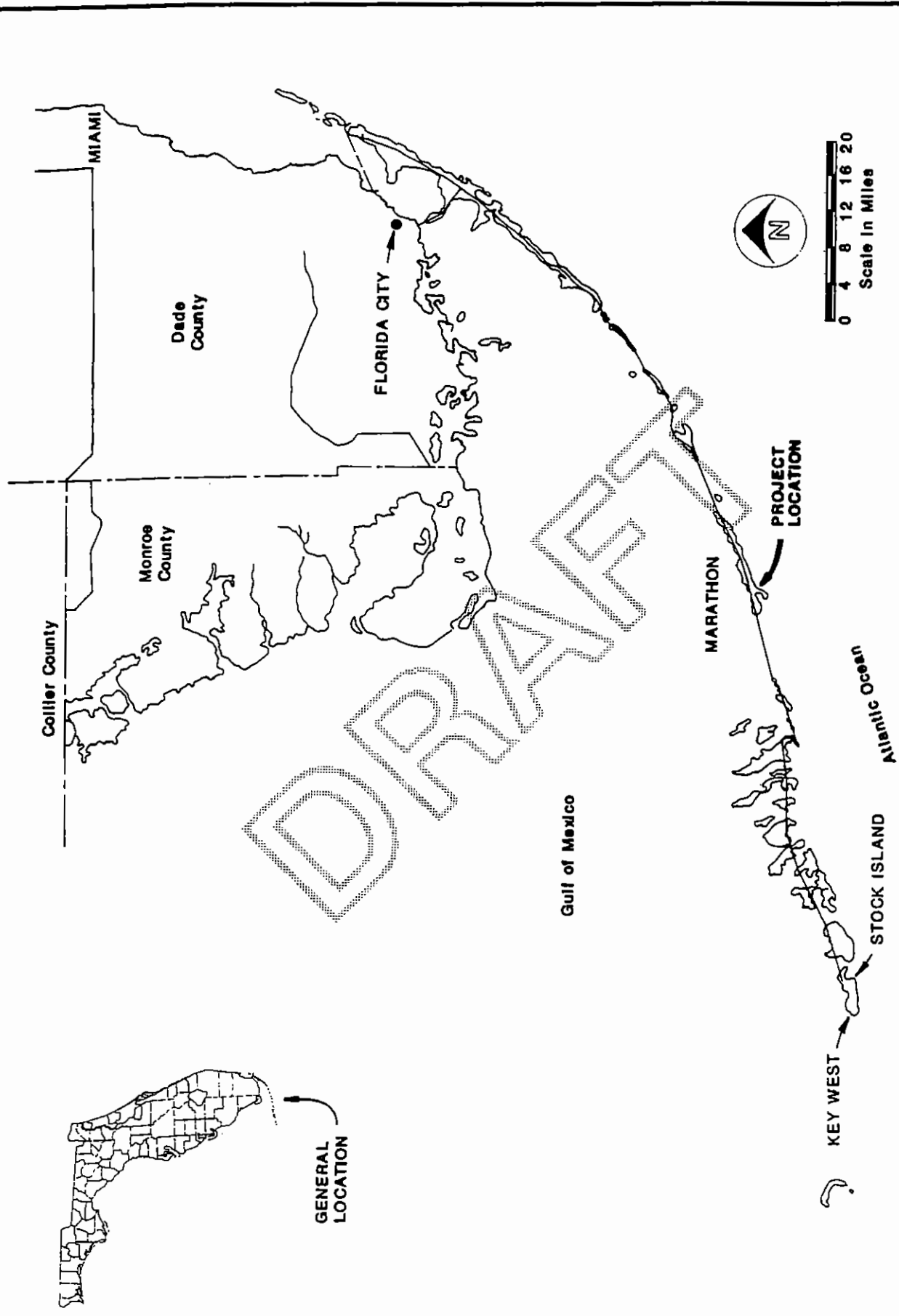
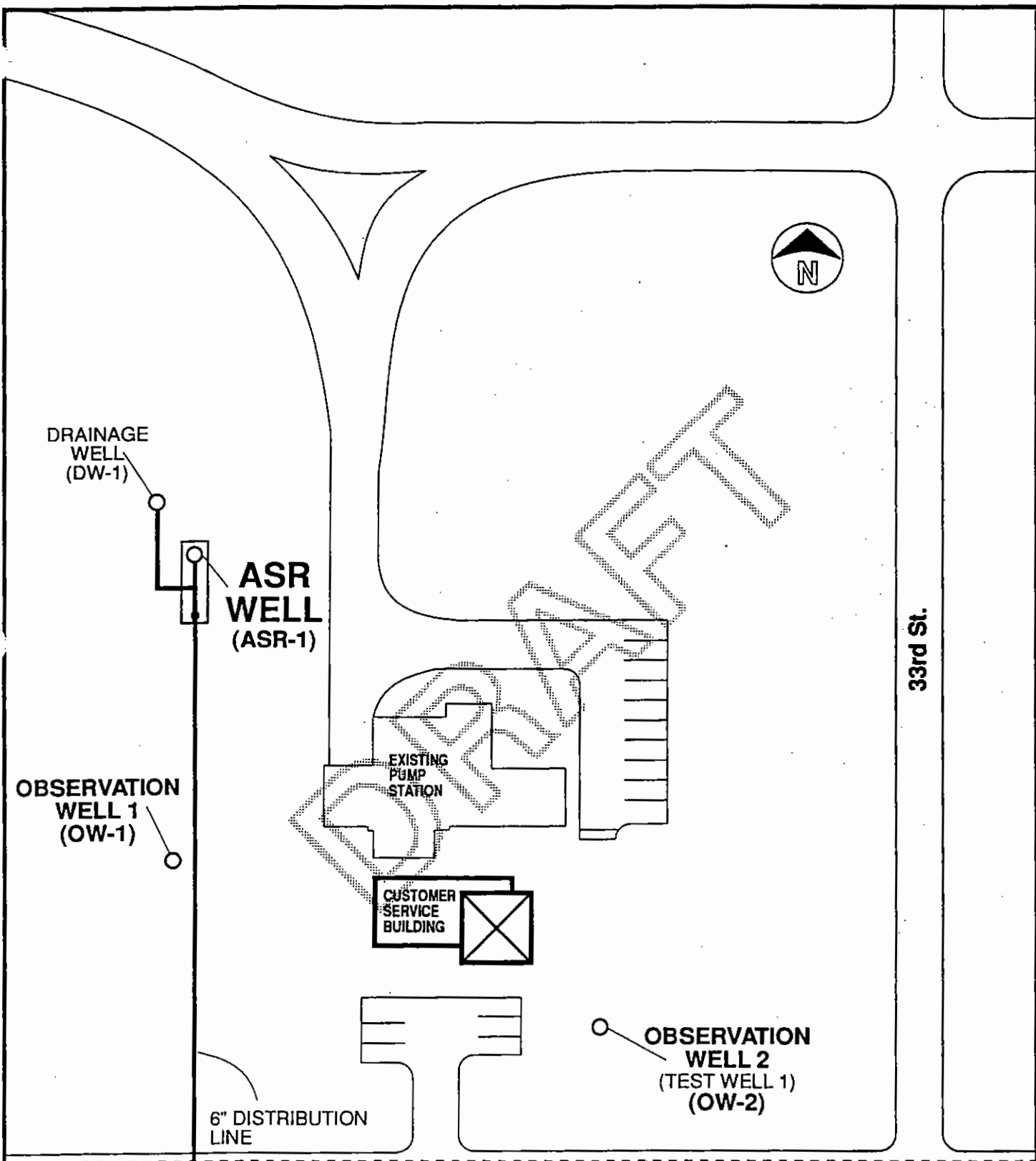


FIGURE 1
Project Location Map



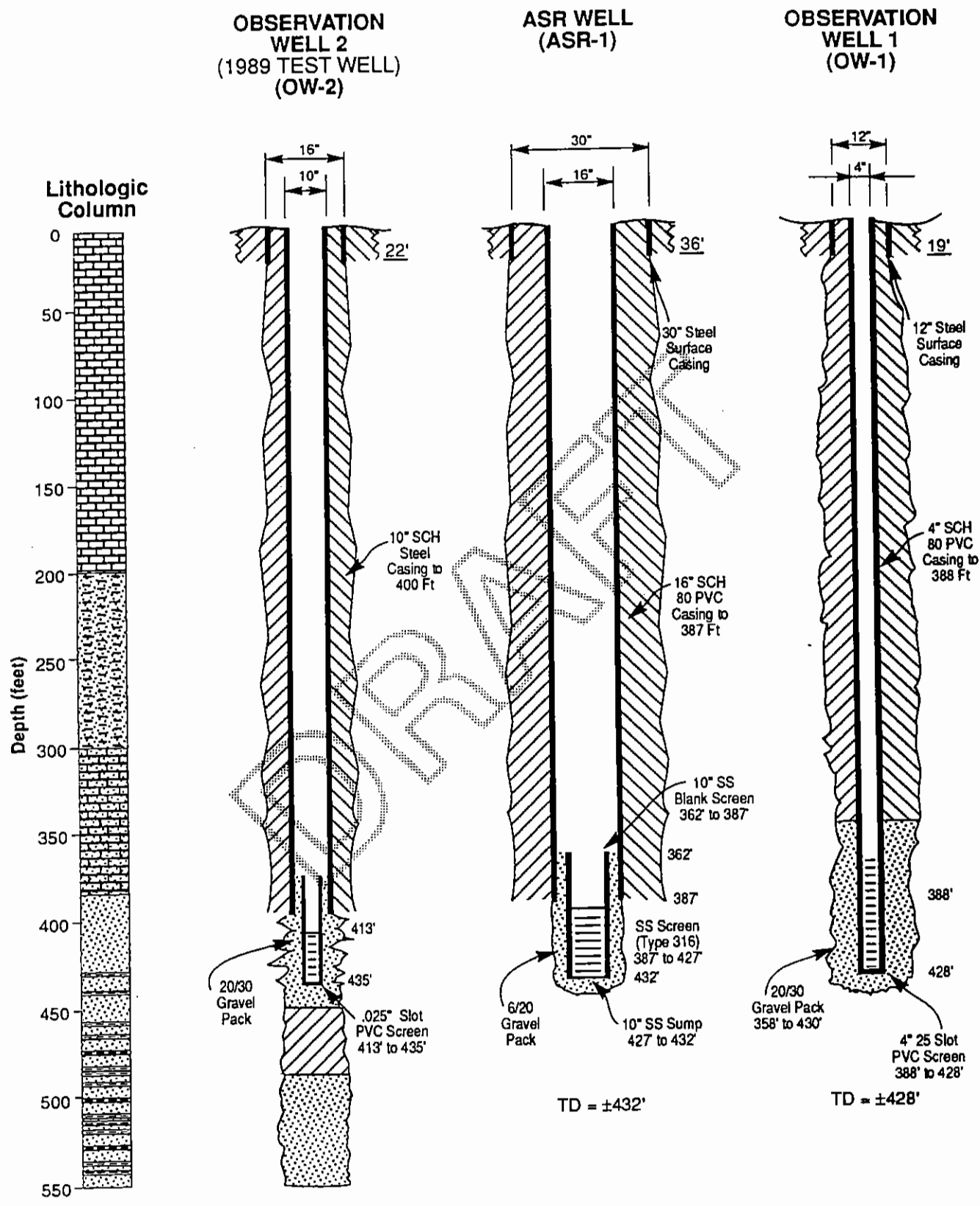


33rd St.

U.S. Highway 1

RADIUS

- ASR-1 to OW-1 126 ft
- ASR-1 to OW-2 258 ft



LEGEND

- | | | | |
|--|----------------------|--|------------------------|
| | Limestone | | Silty Sand |
| | Clay | | Quartz Sand and Gravel |
| | Calcareous Sandstone | | Cement |

FIGURE 3
 Construction Details and Lithologic Features for
 OW-2, ASR-1, and OW-1 at Marathon, Florida



Table 2
CASING AND CEMENT SCHEDULE

WELL	CASING DIAMETER (inch)	CASING TYPE	CASING DEPTH (feet)	DATE CEMENTED	CEMENT TYPE	CEMENT VOLUME (sacks)	CEMENT FILL (feet)	COMMENTS	
ASR WELL	30	Steel	36	3/19/90	Neat	60	22	First Stage	
				3/20/90	Neat	15	14	Second Stage	
	16	PVC Schedule 80	386	4/03/90	Neat	182			
				4/04/90	12% Bentonite	126	274	First Stage	
				4/05/90	Neat	125	40	Second Stage	
				4/06/90	12% Bentonite	180	36	Third Stage	
				4/06/90	Neat	95	36	Fourth Stage	
				4/07/90	Neat	5	2	Top Off	
				2/27/90	Neat	20	19	First Stage	
				2/28/90	Neat	5	3	Second Stage	
OBSERVATION WELL	4	PVC Schedule 40	388	3/15/90	12% Bentonite	60	135	First Stage	
				3/16/90	12% Bentonite	60	39	Second Stage	
				3/17/90	12% Bentonite	60	74	Third Stage	
				3/18/90	Neat	49	93	Fourth Stage	
				3/17/90	Neat	15	15	Fifth Stage	
DRAINAGE WELL	12	Steel	18	3/17/90	Neat	15	Land Surface	First Stage	