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DEPT of ENV PROTECTION
WEST PALM BEACH

ATTACHMENT NO. 3

FLR 0000 83071

Rse

CONTAINMENT CALCULATIONS FOR
CLIFF BERRY INC'S FT. LAUDERDALE FACILITY

GROSS CONTAINMENT AREA = 155' X 88' = 13,640 SF

CONTAINMENT AREA HAS 8' HIGH CMU WALLS GROSS CONTAINMENT
VOLUME = 109,120 CF

VOLUME OF TANKS, PADS AND EQUIPMENT TO HEIGHT OF 8' WITHIN
CONTAINMENT AREA:

960.5 CF (OIL SEPARATOR) + 17,201.19 CF (52' DIAM. TANK) + 1,766.3 CF (ALL
15' DIAM. BASES) + 3,165.12 CF (ALL 12' DIAM. TANKS) + 1,453.43 CF (ALL
11.5' DIAM. TANKS) + 2,423.30 CF (ALL 10.5' DIAM. TANKS)

TOTAL VOLUME LOST TO TANKS AND PADS = 26,969.84 CF

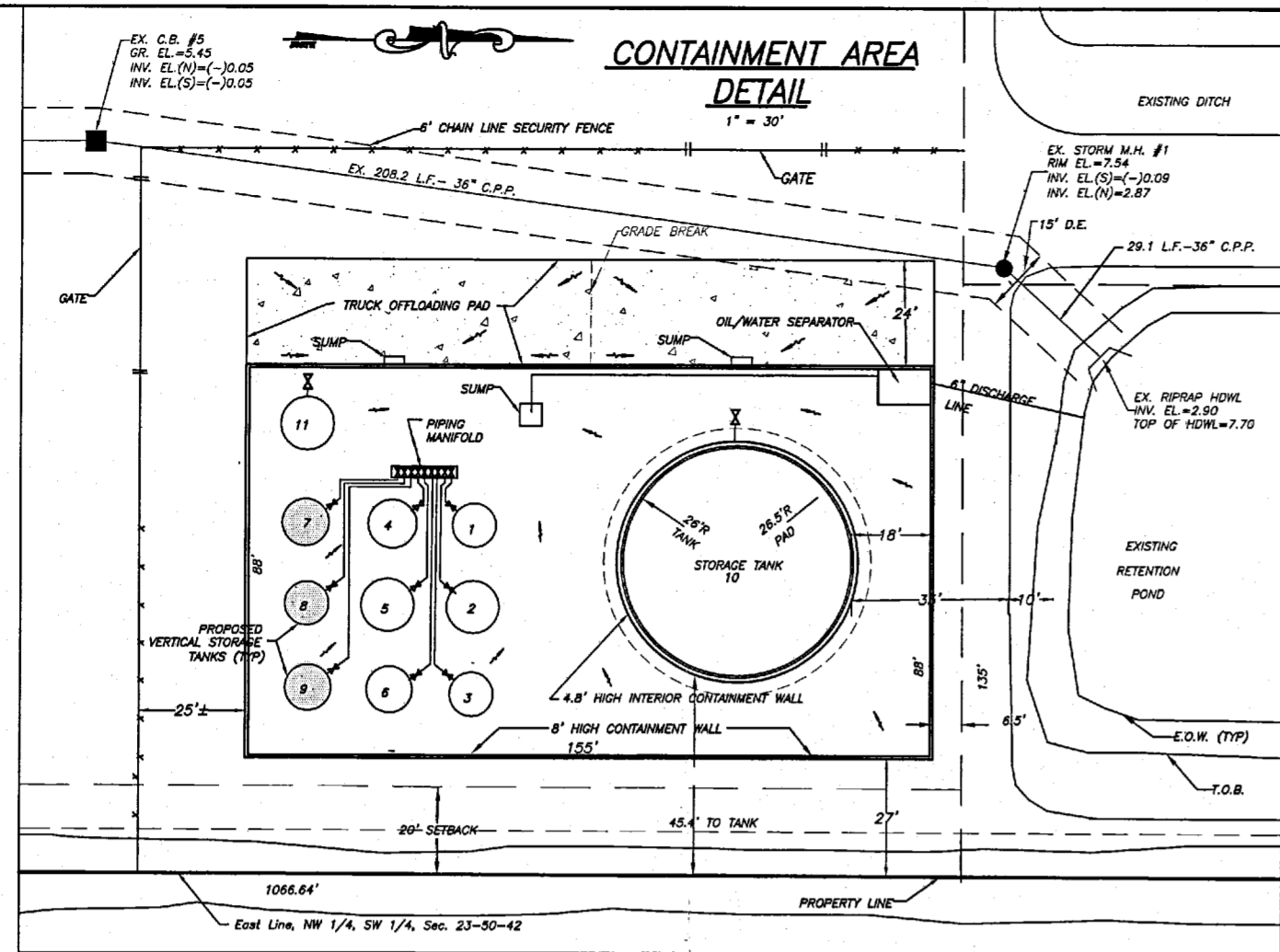
VOLUME AVAILABLE FOR CONTAINMENT = 82,150.16 CF

LARGEST TANK IS CERTIFIED TO CONTAIN 499,044 GALS. X 1.1 = 548,948
GALS. = 73,388.82 CF

AS CALCULATED THERE WOULD BE 10.24" FREEBOARD WITHIN THE
CONTAINMENT AREA FOR THE LARGEST TANK AS CERTIFIED.

TOTAL CONTAINMENT VOLUME AVAILABLE IS SATISFACTORY

CERTIFIED BY: D.M. AMBROSE, P.E.
P.O. BOX 2368
BLOWING ROCK, N.C.
FLORIDA REGISTRATION NO. 12831
December 26, 2007



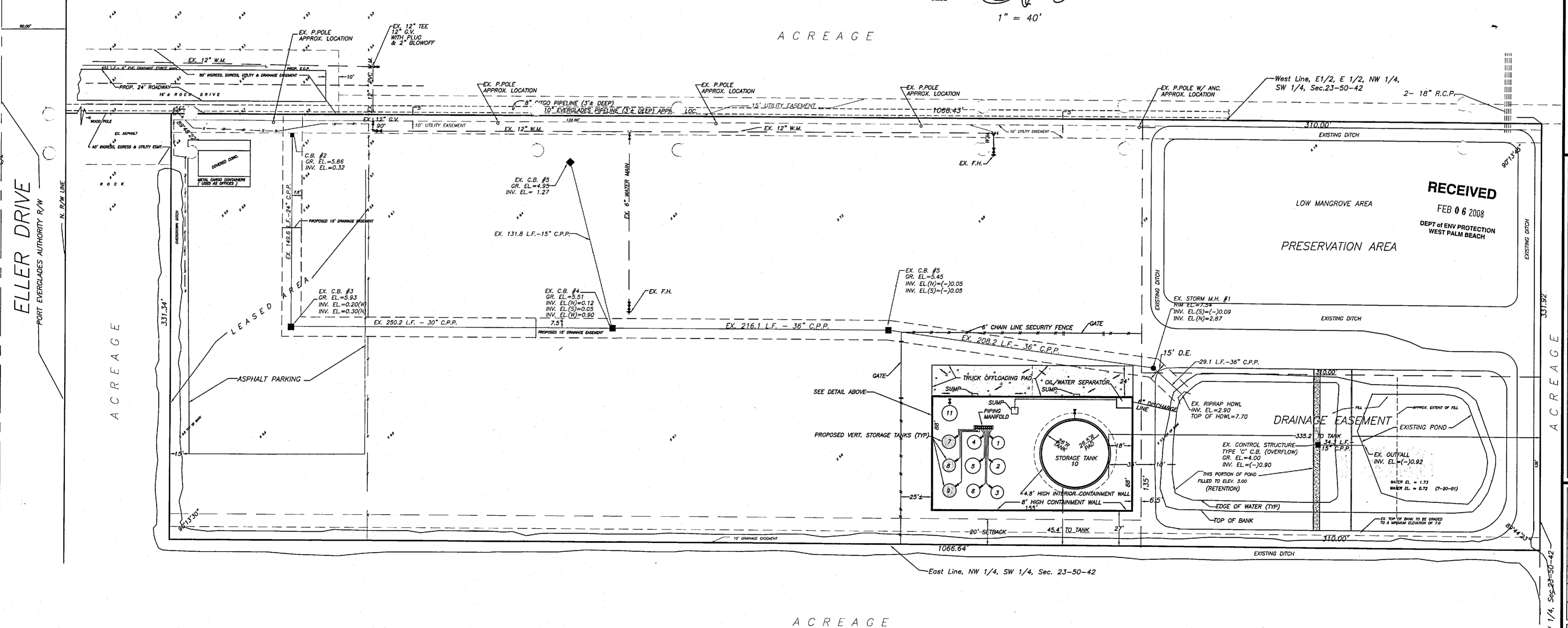
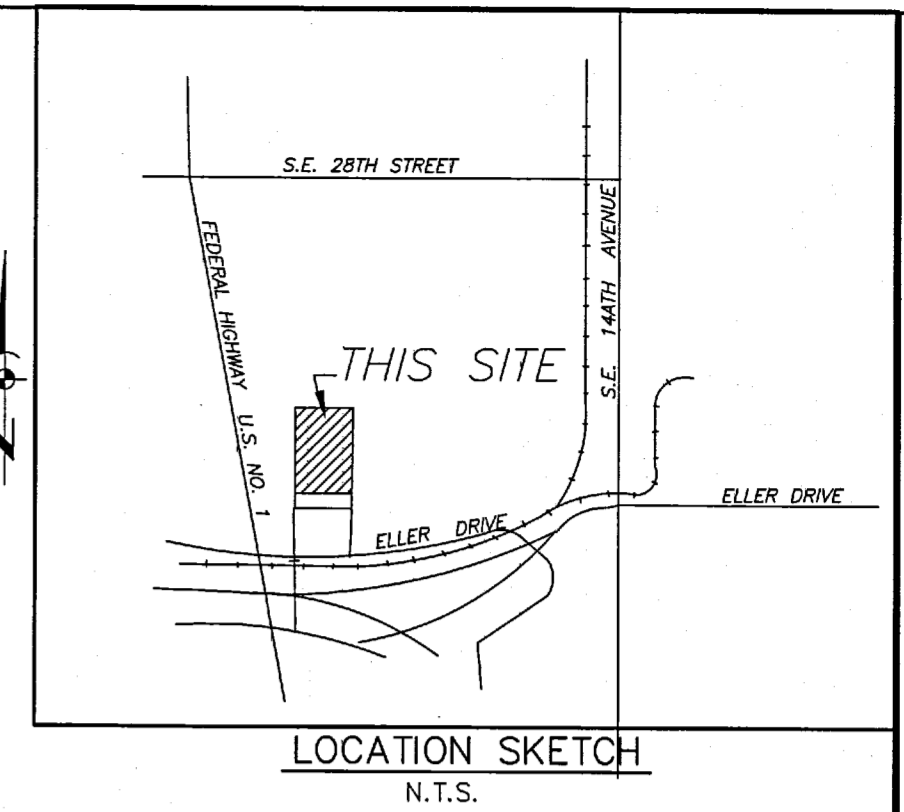
STORAGE TANK DATA			
TANK #	DIAMETER	HEIGHT	USABLE CAPACITY
EXISTING 1	10'-6"	38'-2"	24,500 GAL.
EXISTING 2	10'-6"	38'-2"	24,500 GAL.
EXISTING 3	10'-6"-1/2"	48'-6"	30,000 GAL.
EXISTING 4	10'-6"	24'-0"	15,500 GAL.
EXISTING 5	12'-0"	34'-11"	30,000 GAL.
EXISTING 6	12'-0"	34'-11"	30,000 GAL.
PROPOSED 7	12'-0"	35'-0"	30,000 GAL.
PROPOSED 8	11'-6"	35'-0"	30,000 GAL.
PROPOSED 9	11'-6"	35'-0"	30,000 GAL.
EXISTING 10	52'-0"	37'-6"	593,670 GAL.
EXISTING 11	12'-0"	21'-7/8"	17,700 GAL.

LEGAL DESCRIPTION

Parcel "A", C.B.I. Plat No. 2, according to the plat thereof as recorded in Plat Book 162, Page 12, of the Public Records of Broward County, Florida, being further described as follows:

The East one-half (E 1/2) of the East one-half (E1/2) of the Northwest one-quarter (NW 1/4) of the Southwest one-quarter (SW 1/4); LESS: the South 282.00 feet thereof, of Section 23, Township 50 South, Range 42 East.

Containing 8.1197 acres.



DIVERSIFIED CONSTRUCTION
DCES
 & ENGINEERING SERVICES

2647 N. ANDREWS AVENUE FORT LAUDERDALE, FL 33311
 954 564-9774 EB#6459
 954 564-9774

REVISIONS	DATE	DWN.	CHK.
ADDED PROPOSED TANKS 7, 8 & 9	1-1-08	M.K.	

PROPOSED STORAGE TANK ADDITIONS AT EXISTING C.B.I. PORT EVERGLADES FACILITY

3400 S.E. 9TH AVENUE
 DANIA BEACH, FLORIDA 33316

DCES

SCALE: AS SHOWN
 DATE: 4-25-06
 DWN. BY: M.K.
 CHK. BY: N.B.J.
 F.B. PG.
 JOB NO.: 365-95B
 SHEET: 1 OF 1

NEAL B. JANOV #21998