952024

1" = 40'-0"

NORTH LEACHATE COLLECTION POND
VOL. = 37,058 CU.FT. R=30'
HWL EL 60.5
BOTTOM EL.=57.5
R=20' TYP.
3:1 SLOPE TYP. INSIDE POND

MIDDLE COMPOST PAD AREA = 1.42 AC.

NORTH COMPOST PAD AREA = 1.19 AC.

SOUTH COMPOST PAD AREA = 1.24 AC.

SOUTH LEACHATE COLLECTION POND
BOTTOM EL. = 57.0
VOL = 71,885

EMERGENCY LINED COMBINATION STORAGE CELL (EMERGENCY USE FOR FLUFF AND 100 YR-24 HR LEACHATE)

FINAL EXISTING LEACHATE POND

EXISTING PILOT PLANT

EXISTING OFFICE BUILDING

EXISTING VOLUME REDUCTION STATION

EXISTING POWER LINE

EXISTING TOWER

EXISTING SATELLITE DISH

EXISTING MONITORING WELL

EXISTING ASPHALT SURFACE

ACCESS ROAD

(2) 24" x 38" ELIPTICAL R.C.P.
@ 37% SLOPE INV. EL.=67.08

3'X 3' OVERFLOW TROUGH THROUGH BERM

GRAVITY FLOW OVER WEIR

4:1 SLOPE TYP. OUTSIDE POND

TOP OF BERM (TYP.) AT EL. 70.00
WIDTH VARIES

6'-0" CHAIN LINK FENCE (WITH FABRIC) ON NORTH, SOUTH, AND WEST SIDE OF POND

10' CHAIN LINK FENCE (WITH FABRIC) ON WEST SIDE OF POND.

10' CHAIN LINK FENCE POSTS (NO FABRIC) ON NORTH, SOUTH, AND WEST SIDE OF ASPHALT SURFACE

10'-0" CHAIN LINK FENCE & POSTS (NO FABRIC) ON NORTH, WEST, AND SOUTH SIDE OF ASPHALT SURFACE.

CONCRETE CURB ON SOIL

CONCRETE CURB ON ASPHALT

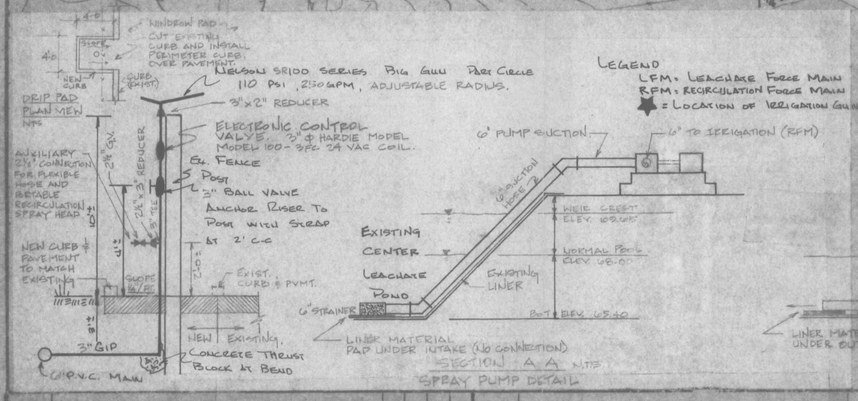
EQUIPMENT PAD. EQUIPMENT BY OTHERS

3'-0" FENCE GATE

GAS VENT

GUY WIRE

LEGEND
LFM = LEACHATE FORCE MAIN
RFM = RECIRCULATION FORCE MAIN
★ = LOCATION OF IRRIGATION GUN



PIPE - AWWA C-900 CLASS 200 P.V.C. - PIPE & FITTINGS
VALVES - 150 PSI WORKING PRESSURE - 300 PSI TEST PRESSURE
MUELLER OR EQUAL

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP
10-22-92	SPRAY HEAD LOCATIONS, DRIP PAD, ACCESS		MW	WS	WS
9-24-92	SEE PUMP, FIBE, CLASS I CELL, RFM, LFM		MW	WS	WS

SPRINGSTEAD ENGINEERING INC.
consulting engineers
Leesburg — Bushnell

SUMTER COUNTY SOLID WASTE FACILITY
PLAN FOR LEACHATE RECIRCULATION SYSTEM

DATE	SCALE	FILE	JOB NO.
3/27/92	1"=40'	92110	92110
DESIGN	DRAWN	CHECKED	SHEET 1 OF 1
JWS	BHP	JWS	

STATE OF FLORIDA
WILLIAM SPRINGSTEAD
No. 8576
REGISTERED ENGINEER
DEC 2 1992