1" = 30'-0"

952033

INSIDE OF CURB N.10451 E.9951

9' TOP OF BERM TYP. AT EL. 68.5

4:1 SLOPE

CONCRETE CURB ON SOIL

TREE TO REMAIN

6' CHAIN LINK FENCE (WITH FABRIC) ON NORTH, EAST, AND SOUTH SIDE OF POND.

NORTH LEACHATE COLLECTION POND VOL. = 57,058 CU.FT. R=30' (TYP) HWL EL 68.5 BOTTOM EL. -57.5 R=20' TYP.

N.10418 E.9918 N.10342 E.9884

HYDROMATIC SPLF CUTTER GRINDER PUMP W/ 3 HP MOTOR 460 GPM @ 42 TDH

3:1 SLOPE TYP. INSIDE POND

3'-0" FENCE GATE

END ASPHALT SURFACE E.9861

EQUIPMENT PAD. EQUIPMENT BY OTHERS

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

4" TYPICAL SPRINKLER

ASPHALT SURFACE

EXISTING MONITORING WELL

CONCRETE CURB ON ASPHALT

NORTH COMPOST PAD AREA = 1.15 AC.

INSIDE OF CURB N.10309 E.9600

INSIDE OF CURB N.10377 E.9474

EXISTING OFFICE BUILDING

INSIDE OF CURB N.10309 E.9951

4:1 SLOPE TYP. OUTSIDE POND

MIDDLE COMPOST PAD AREA = 1.42 AC.

2" CERTA-LOK PVC YELOMINE PIPE (TYPICAL)

6" CERTA-LOK PVC YELOMINE PIPE (TYPICAL)

EXISTING PILOT PLANT

FINAL EXISTING LEACHATE POND

EMERGENCY LINED COMBINATION STORAGE CELL. COMPACT INT TO FF FLUFF AND 100 YR 24 HR

6" GATE VALVE

6" GATE VALVE

PRE FAB. LIFT STATION FIBERGLASS TUB WITH DUAL HYDROMATIC MODEL SPLF 300 GRINDER PUMPS (TYPICAL FOR 3 UNIT STATICALS - THIS LIFT STATION IS NOT SET AT THIS TIME)

3'X 3' OVERFLOW TROUGH THROUGH BERM

GRAVITY FLOW OVER WEIR

6" GATE VALVE

2" WELLEY MODEL B4EYRMSH 3500 RPM 2 HP 100 TDH

INSIDE OF CURB N.9671 E.9523

INSIDE OF CURB N.9600 E.9537

6" PVC CERTA-LOK YELOMINE PIPE

ACCESS ROAD

GAS VENT

(2) 24" x 38" ELIPTICAL R.C.P @ 3.37% SLOPE INV. EL.=67.08

PIPE IN STEEL SLEEVE UNDER ROAD

CONCRETE HEADWALL

INSIDE OF CURB N.9674 E.9754

CONCRETE TROUGH WITH GATE (TYPICAL AS SHOWN)

INSIDE OF CURB N.9436 E.9765

CONCRETE CURB ON ASPHALT

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

SOUTH COMPOST PAD AREA = 1.24 AC.

4" TYPICAL SPRINKLER (TYPICAL)

EXISTING ASPHALT SURFACE

GAS VENT

3'-0" FENCE GATE

EQUIPMENT PAD. EQUIPMENT BY OTHERS

EXISTING MONITORING WELL

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

GUY WIRE

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

HYDROMATIC SPLF CUTTER GRINDER PUMP W/ 3 HP MOTOR 460 GPM @ 42 TDH

INSIDE OF CURB N.9424 E.9425

4:1 SLOPE TYP. OUTSIDE POND

EXISTING TOWER

GUY WIRE

CONCRETE CURB ON SOIL

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

EXISTING VOLUME REDUCTION STATION

INSIDE OF CURB N.9548 E.9400

INSIDE OF CURB N.9574 E.9410

EXISTING SATELLITE DISH

GUY WIRE

EXISTING POWER LINE

Nelson PB5AV PART CIRCLE SPRINKLER W/ ADJUSTABLE DIFFUSER

Nelson 100 SERIES Big Gun Part Circle

115 PSI 105 130 GPM 2½" X 2" 714

ELECTRONIC CONTROL VALVE

EL FENCE

2½" APOLLO BALL VALVE WITH VALVCON ELECTRIC VALVE ACTUATOR

S Post

3" 2½" BALL VALVE

ANCHOR RISER TO POST WITH STRAP

2" 2½" GALVINIZED PIPE

6" PVC CERTA-LOK YELOMINE PIPE

6" PVC CERTA-LOK YELOMINE PIPE

6" P

CONCRETE THRUST BLOCK W. BEND

6" GALVINIZED PIPE

P.V.C. MAIN

(Not Needed)

LEGEND

LFM = LEACHATE FORCE MAIN

RFM = RECIRCULATION FORCE MAIN

★ = LOCATION OF IRRIGATION GUN

EXISTING CENTER LEACHATE POND

FIBERGLASS ANTI-VORTEX BOX

FLOW FROM NORTH & SOUTH LEACHATE PONDS

EXISTING LINES

FILL MATERIAL PAD UNDER OUTLET (NO CONNECTION)

SECTION B-B N.T.S.

LEACHATE FORCE MAIN OUTLET

PIPE - 6" CERTA-LOK YELOMINE PVC PIPE, CLASS 250 DR14 C900 CLASS 200 P.V.C. PIPE & FITTINGS

GATE VALVES - 150 PSI WORKING PRESSURE - 300 PSI TEST PRESSURE MUELLER OR EQUAL

RECORD DRAWING

I CERTIFY THAT, WITH THE EXCEPTIONS SHOWN AND NOTED, THIS PROJECT WAS CONSTRUCTED SUBSTANTIALLY IN ACCORDANCE WITH THE PLANS APPROVED BY THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION.

JOHN M. SPRINGSTEAD, P.E. REG. NO. 8579

STATE OF FLORIDA JOHN M. SPRINGSTEAD No. 8579 REGISTERED ENGINEER

12/31/93

D.E.R.

JUN 09 1993

SOUTHWEST DISTRICT TAMPA

JUN 08 1993

RECORD DRAWINGS

2nd COPY

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP
3/24/93	ADDED RECORD DRAWING INFORMATION		JWS	JWS	JWS
10-28-92	GRAY HEAD LOCATIONS, DEEP PAD, ALK CONN.		JWS	JWS	JWS
3-24-92	ISS PUMP, EFB, CLASS I CELL, RFM, LFM		JWS	JWS	JWS

SPRINGSTEAD ENGINEERING INC.

consulting engineers

Leesburg — Bushnell

SUMTER COUNTY SOLID WASTE FACILITY PLANS FOR LEACHATE RECIRCULATION SYSTEM

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