PROJECT INFORMATION

OWNER:

OCALA RECYLCING, L.L.C.

2350 N.W. 27th Avenue. Ocala, FL

(352) 622-5800

CIVIL ENGINEER:

Guerra Development Corp.,

Juan C. Guerra, P.E.

2216 E. Silver Springs Blvd. 2nd Floor. Ocala, FL 34470

(352) 629-8060

CONTRACTOR:

N/A

GENERAL PURPOSE:

The site's intended use is for light industrial.

ZONING:

Site: M-1 (cells) R-1 (DRA)

Adjacent: North: R-1 West: R-1 East: ROAD South: M-1

LAND USE:

Existing: Light Industrial Proposed: Light Industrial

PARCEL ACCOUNT #:

21645-000-24

WATER:

Water Usage:

Potable water = 700 GPD

Irrigation = 2100 GPD (by 4" well) Total Flow = 2800 GPD (ESTIMATED)

SANITARY SEWER:

Total Sanitary Flow = 630 GPD (ESTIMATED)

STORM DRAINAGE

Dry retention sized for 100-yr 24-hr event

ELECTRIC SERVICE:

On-site along SW 27th Ave.

TRAFFIC ACCESS:

As shown on plans, off N.W. 27th Avenue

GARBAGE COLLECTION:

Dumpster provided on site.

SEDIMENTATION/EROSION: Erosion to be controlled by collection ditches once cells are elevated above original ground surface.

FLOOD DATA:

This site is not located in a flood zone per F.I.R.M. maps.

OPEN SPACE DATA:

This data applies to the closure stage of the project

		Area (Sq. Ft.)		%
DRA Cells Impervious Open	- - -	306,006 914,760 15,500 601,480	- - -	16 65% 49 78% 0 84% 32 73%
Total Site:		1, 837, 74 6	_	100.0%

INDEX OF SHEETS

1.	TITLE	Project information, general notes, location map, index,
2.	SITE LAYOUT & PHASING	Proposed development plan, with layout, dimensions, etc.
3.	CLOSURE & GRADING PLAN	Proposed development plan, with layout of parking and drainage.
4.	D.R.A. & DETAILS	Miscellaneous Details

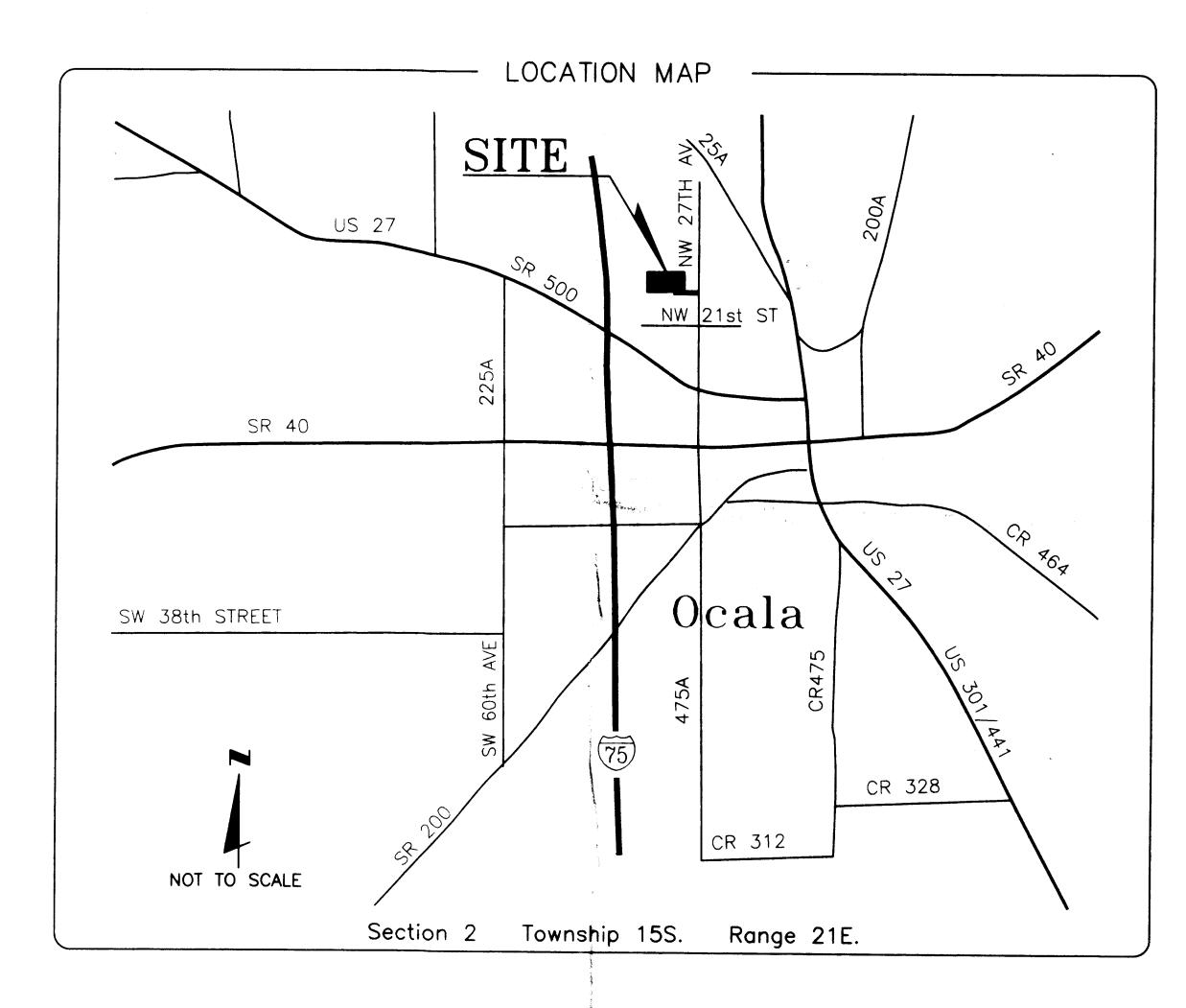
Site Development Plan

OCALA RECYCLING C & D LANDFILL

City of Ocala, Florida

1 October 2001

G.D.C. Project No. 1001



Guerra Development Corp. Consulting Engineering Civil Engineering - Structural Engineering

2216 E. Silver Springs Blvd. - Suite 4. Ocala, Florida 34470. 904-629-8060.



GENERAL NOTES

- 1. This set of plans is not to be used for any purpose unless ALL sheets listed in the index are included in the set, securely bound and each sheet properly certified.
- 2. All construction covered by these plans must conform with the latest material and procedures requirements and quality control standards contained in the latest City of Ocala Land Development Regulations.
- 3. ANY deviation from these plans requires prior written approval from the professional engineer of record and, if applicable, from the City of Ocala.
- 4. The general contractor for the project is hereby required, as part of the contract, to review each sheet of the set and study their correlation prior to bidding & construction. Contractor must immediately notify the engineer of any discrepancies found on the plans.
- 5. General Contractor is hereby required to implement site safety at all times per OSHAA.
- 6. The general contractor is hereby required to contact ALL pertinent utility companies, field verify the location, both horizontal and vertical, of the utilities within the project boundary shown on the plans prior to starting construction.

- ELECTRIC (CITY OF OCALA)	(352)	351-6620
- UNITED TELEPHONE	(352)	368-8776
- COX CABLE		854-3333
– A. T. & T.		241-3624
- WATER AND SEWER (CITY OF OCALA)		629-8521
- PEOPLE'S GAS (TECN)		622-0112
	\ JJL/	000

- 7. All sign and markings material shall conform to the Manual of Uniform Traffic Control Devices and Safe Practices for Street and Highways and Utility Operations.
- 8. Open
- 9. A three (3) foot separation shall be maintained between limerock and DRA bottom areas. Soil borings shall be utilized to determine general soil conditions. If limerock is encountered, contractor must undercut to meet this requirement.
- 10. The general contractor is hereby required to install and maintain the erosion/sedimentation control barrier prior to starting earthwork and during construction as per DOT Index 102. (See Grading and Drainage Plan for minimum barrier location) (See watershed boundaries detail on sheet 6 of 12 for minimum barrier locations.)
- 11. All sanitary sewer construction up to and including service connection shall conform to the City of Ocala's Water and Sewer Construction Manual, 1994 or latest edition.
- 12. All conduit installed under pavement must be encased in concrete.

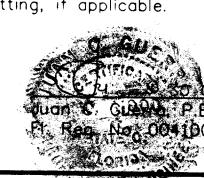
OWNER'S CERTIFICATION

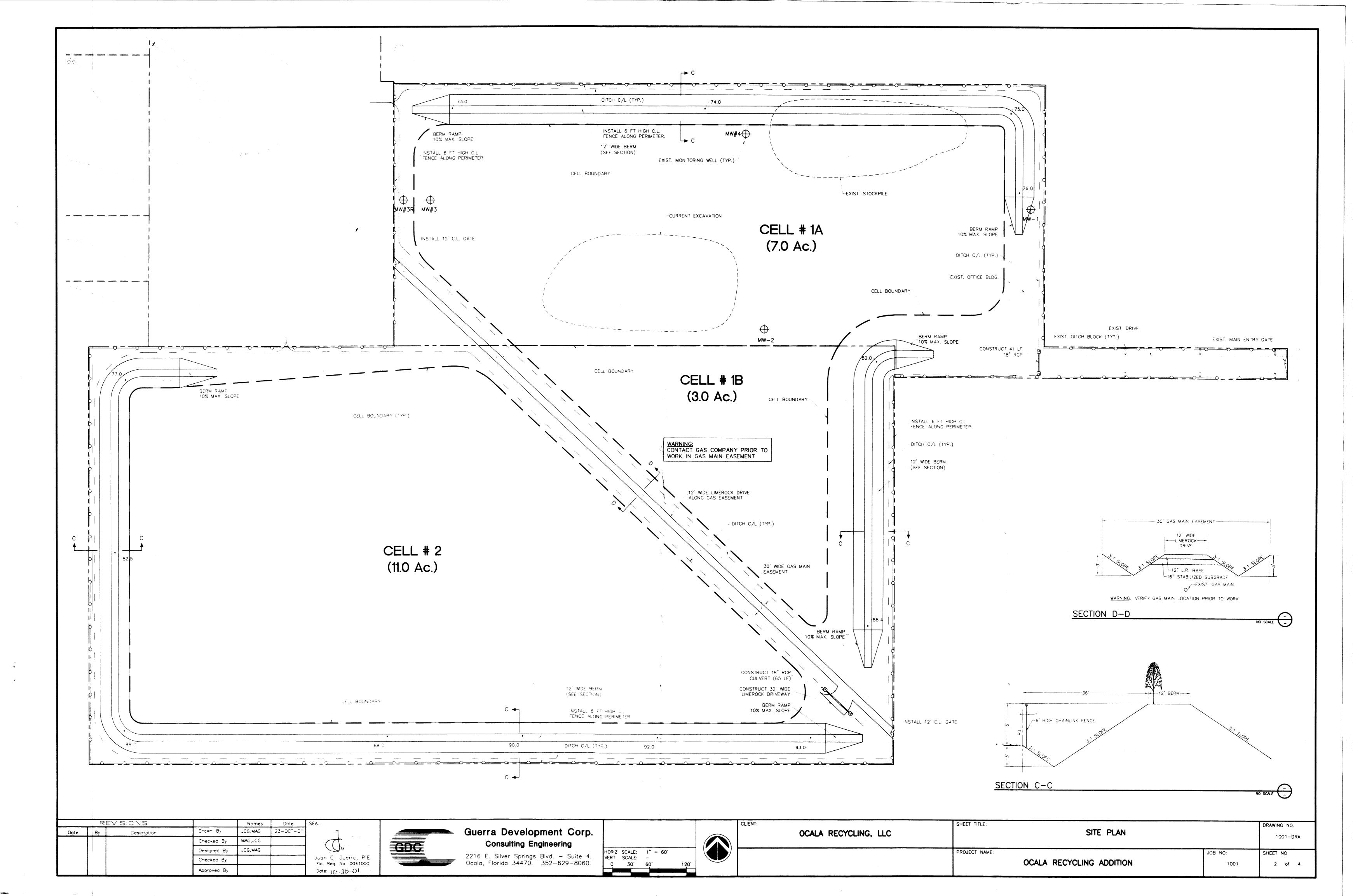
I hereby certify that I have reviewed these plans with the improvements called for and find them acceptable for the purpose of their intended use. I hereby certify that I and my successors and assigns shall perpetually maintain the improvements as shown hereon. All construction covered by these plans shall comply with the material requirements and quality control standards as set forth by current and applicable regulations from the pertinent regulatory agencies/municipality having jurisdiction over this project.

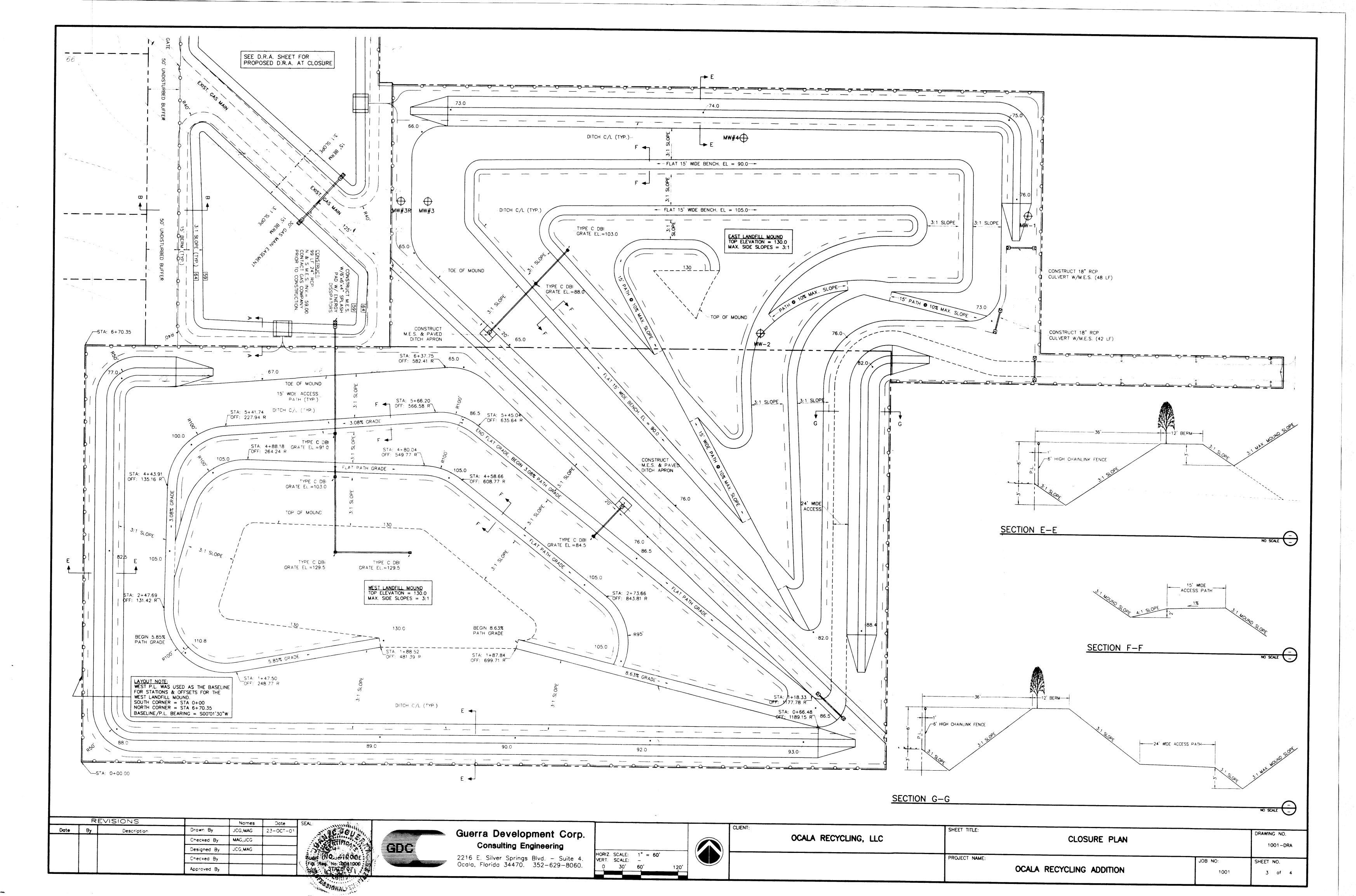
> OCALA RECYCLING, L.L.C. Carl Zalak, Managing Partner

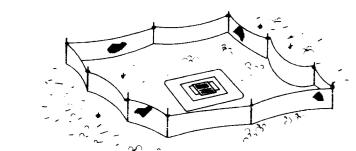
ENGINEER'S CERTIFICATION

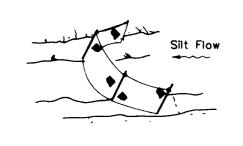
I hereby certify that the drainage facilities specified hereon were designed in accordance with applicable requirements from the City of Ocala, Florida, and that adjacent properties will be protected from stormwater damage as a result of the proposed development, and that I shall submit a plan to the water management district and D.E.P. for permitting, if applicable











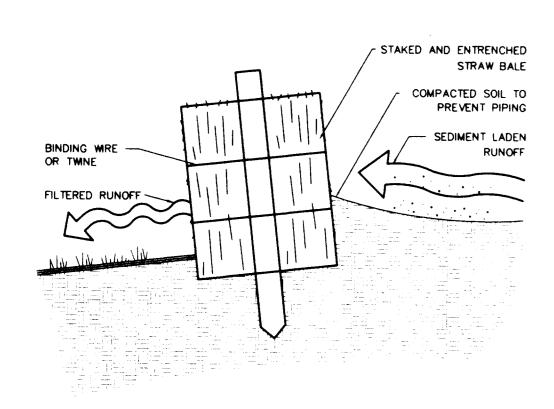
Type III Silt Fence Protection Around Ditch Bottom Inlets.

Note: Spacing for Type III Fence to be in accordance with Chart I, Sheet 1 of 3 and ditch installations at drainage structures Sheet 2 of 3.

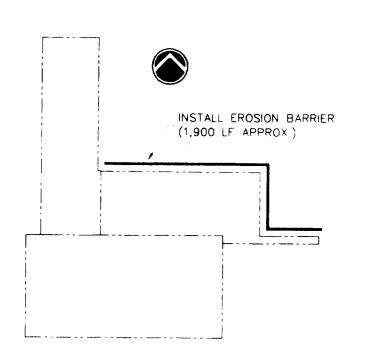
Type III Silt Fence

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE - FDOT INDEX # 102



EROSION BARRIER - STRAW BALE



EROSION CONTROL PLAN

NOTE

- 1. THE GENERAL CONTRACTOR FOR THE PROJECT IS HEREBY MADE RESPONSIBLE FOR IMPLEMENTATION OF THESE EROSION AND SEDIMENTATION CONTROL MEASURES, AS WELL AS THOSE DESCRIBED IN THE "ENGINEER REPORT ON STORMWATER MANAGEMENT", AND THE PERMIT CONDITIONS FROM THE WATER MANAGEMENT DISTRICT.
- SILT FENCES SHALL BE INSTALLED DOWNSTREAM FROM ALL DRA AND OTHER CONSTRUCTION AREAS AS TO PREVENT SILTATION FROM OCCURING OFFSITE.
- 3. STORM DRAINAGE SYSTEM, INCLUDING DRAS SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF THE PROJECT AND IN A DOWNSTREAM TO UPSTREAM SEQUENCE.
- 4. STORM INLET AND PIPES SHALL BE PROTECTED FROM EXCESSIVE SILTATION WITH SAND BAGS AND/OR STRAW BAILS.
- DRAs SHALL BE EXCAVATED AND SODDED IMMEDIATELY AFTER FINISH GRADE. ALL OTHER DISTURBED AREAS NOT TO BE SODDED SHALL BE SEEDED. THE PLANS SHOW EXTENT OF SODDING AT ROADWWAYS AND DRAS.
- 6. ALL COMPONENTS OF THE STORM WATER CONVEYANCE SYSTEM, INCLUDING INLETS, PIPES, SPILLWAYS, DICTHES, ETC., SHALL BE FLUSHED AND/OR CLEANED TO HAVE ALL SILTS AND DEBRIS REMOVED PRIOR TO PROJECT COMPLETION.
- TEMPORARY DITCH BLOCKS MADE OF STRAW BAILS SHALL BE INSTALLED AT DITCHES AND SWALES DURING CONSTRUCTION. TEMPORARY DITCH BLOCKS SHALL BE SPACED AT 300 FEET (MAX.).
- 8. ROUGH GRADING FOR DRAS SHALL BE MADE TO SIX (6) INCHES ABOVE THE DESIGN DRA BOTTOM ELEVATION. THE FINAL SIX (6) INCHES SHALL BE EXCAVATED DURING FINISH GRADING IMMEDIATELY PRIOR TO PROJECT COMPLETION.

Drawn By

Checked By

Designed By

Checked By

Names

JCG,MAG

MAG,JCG

JCG,MAG

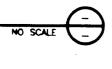
Date

23-OCT-0

EROSION AND SEDIMENTATION CONTROL

REVISIONS

Description



EAL:

Juan C. Guerra, P.E.

Fla. Reg. No. 0041000

Date: 10.30.01



Guerra Development Corp. Consulting Engineering 2216 E. Silver Springs Blvd. — Suite 4. Ocala, Florida 34470. 352-629-8060.

OCALA RECYCLING, LLC

CLOSURE PLAN - D.R.A. & DETAILS

PROJECT NAME:

OCALA RECYCLING ADDITION

DRAWING NO.

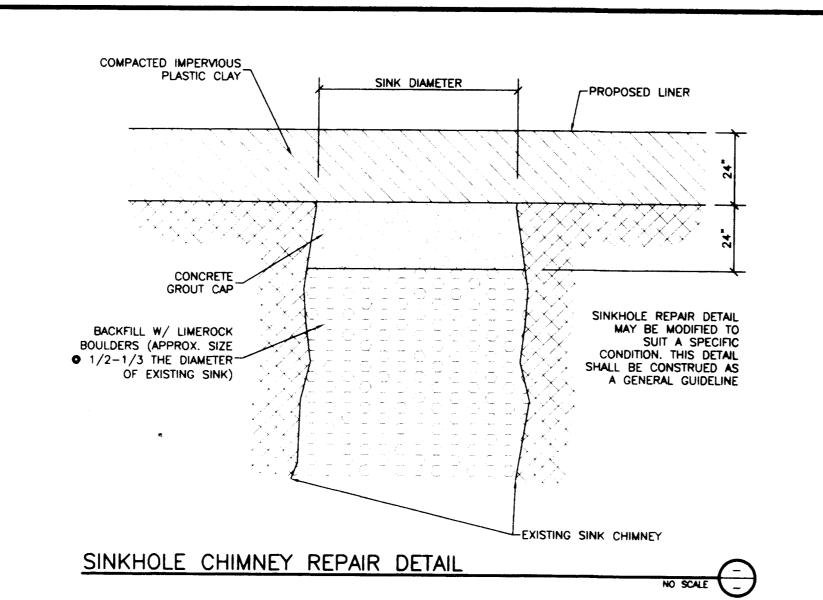
1001 -- DRA

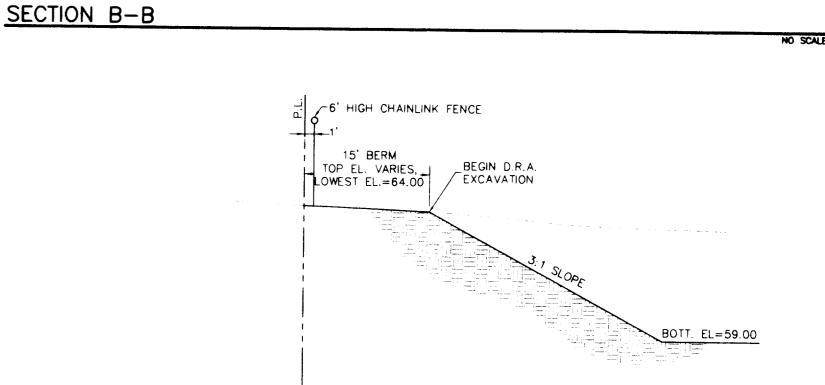
SHEET TITLE:

DRAWING NO.

1001 -- DRA

A of 4

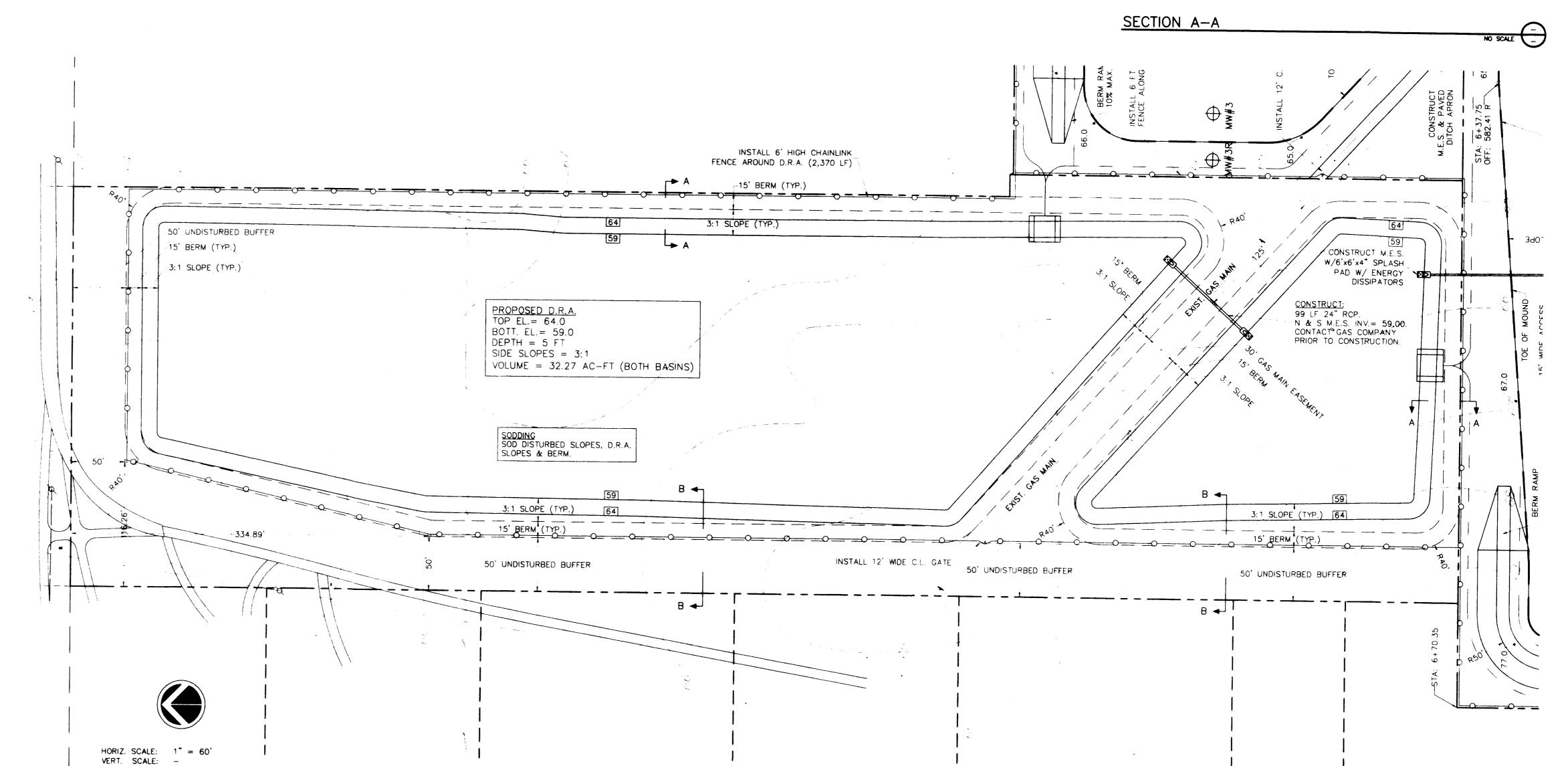




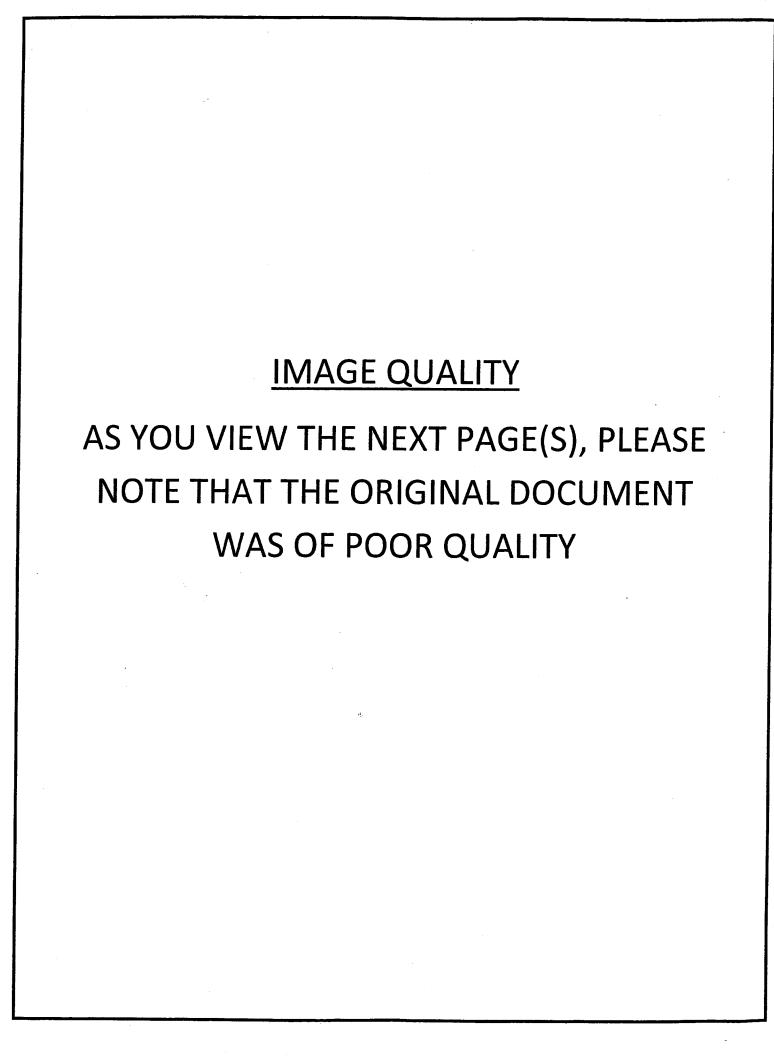
_6' HIGH CHAINLINK FENCE

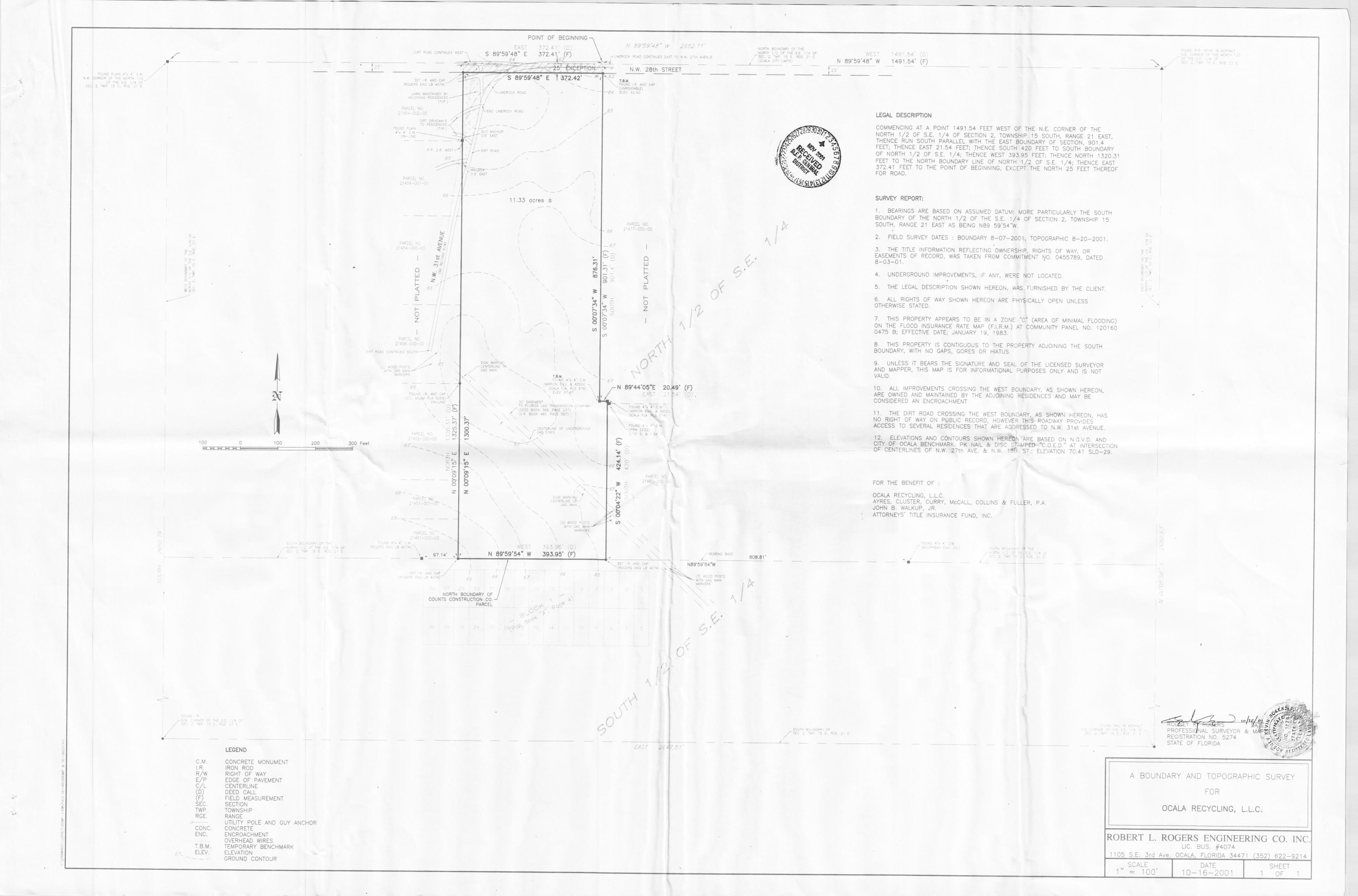
TOP EL. VARIES, LOWEST EL.=64.00

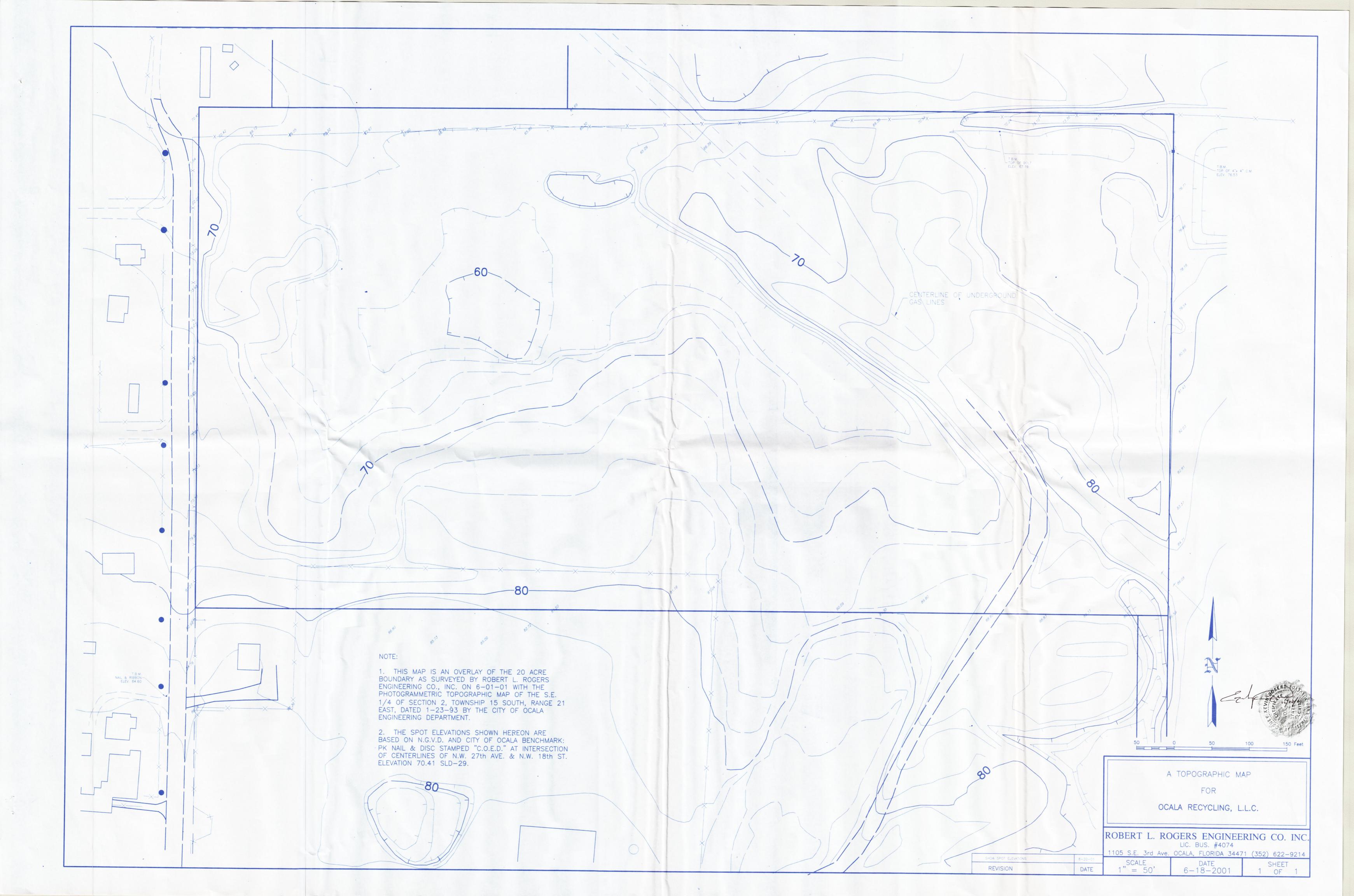
----50' UNDISTURBED BUFFER-

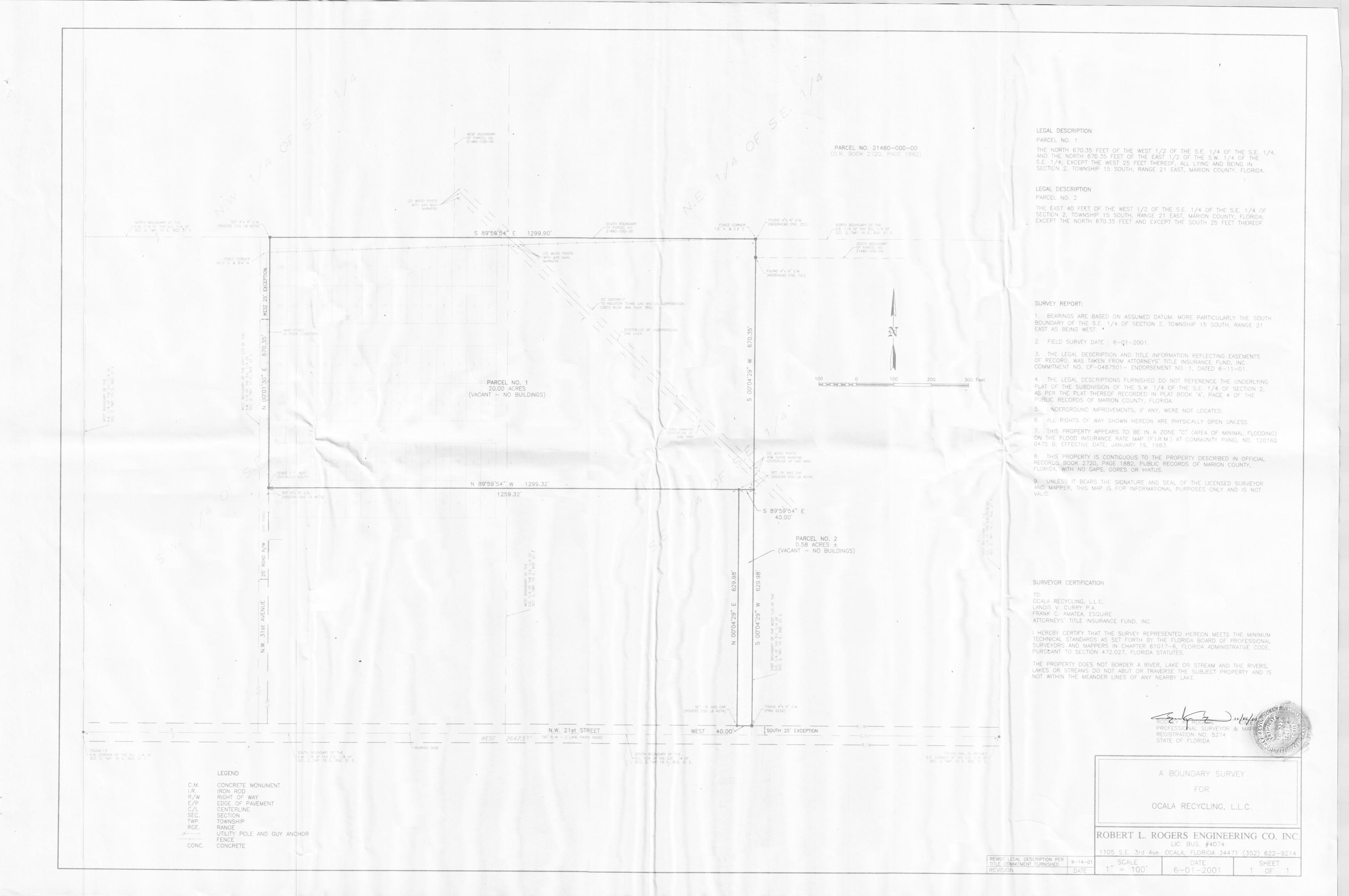


PROPOSED D.R.A.









DESCRIPTION: COMMENCE 420 FEET WEST OF THE SOUTHEAST CORNER OF THE NE 1/4 OF THE SE 1/4 OF SECTION 2, TOWNSHIP 15 SOUTH, RANGE 21 EAST, THENCE WEST 1050 FEET, NORTH 420 FEET, EAST 1050 FEET, SOUTH 420 FEET TO THE POINT OF BEGINNING AND ALSO. THE NORTH 50.00 FEET OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF SOUTHEAST 1/4 OF SECTION 2, TOWNSHIP 15 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA, EXCEPT THE EAST 30 FEET THEREOF FOR ROAD RIGHT OF WAY. S89*58'31"E 1050.00' (S) 1 ALL ELEVATIONS ARE BASED ON N.G.V.D. AND CITY OF OCALA DATUM. BENCHMARK PK NAIL & DISC STAMPED "C.O.E.D." AT INTERSECTION OF CENTERLINES OF NW 27TH AVE. & N.W. 18TH ST. ELEV 70.41 3 to 1 2. FIELD SURVEY DATE 9-15-95, RESURVEY 9-10-97. 3. THE LEGAL DESCRIPTION AND BOUNDARY INFORMATION SHOWN HEREON WAS TAKEN FROM A BOUNDARY SURVEY FOR BIG D ROCFING INC", PREPARED BY BUD HART SURVEYING, INC., DATED 4--11-88 4. THE LOCATION OF THE CENTERLINE OF THE 50 FEET GAS EASEMENT SHOWN HEREON WAS TAKEN FROM THE SAME SURVEY REFERENCED IN NOTE 3 ABOVE 10.85 ACRES ± (NO BUILDINGS) THE SKIB COME TO A STATE OF THE SKIP TOP OF 4" 44 CM MONITORING WELL # WW-12 TOHIOF CASING SILL 68 11 GROUND ELL 65 K (MOORHEAD ENG.) N89'09'54" E 390.12" (FM) 390.00° (S) 4" A 9} (1.9g) N89'58'31"W 807.73° (S) N89*58/31"W 632.25° (S) (HEAVILY WOODED) LEGEND: EXISTING GROUND CONTOUR SURVEYOR'S CERTIFICATE: ELEVATION RIGHT-OF-WAY I HEREBY CERTIFY THAT A TOPOGRAPHIC SURVEY WAS PERFORMED AND STATE C.M. CONCRETE MONUMENT STATE PLANE COORDINATES PLANE COORDINATES WERE ESTABLISHED A CORDING TO THE APPLICABLE T.B.M. TEMPORARY BENCHMARK REQUIREMENTS OF THE MINIMUM TECHNICAL STANDARDS SET FORTH-IN. 4"x 4" CONCRETE MONUMENT WOOD UTILITY POLE AND NUMBER CHAPTER 61617-6, FLORIEA AEMINISTRATIVE CODE, PURSUANT FOT DECTION (PLAIN TOP)
NORTHING Y = 1773287 828
EASTING X = 601951.330
SCALE FACTOR = .99994454 OVERHEAD UTILITY WIRES 472.027, FLORIDA STATUTES LSAQ VERSION 4, STATE PLANE CONVERSION UTILITY FOUND 4"X4" CONCRETE MONUMENT DATUM: NAD83/1990 FIELD MEASUREMENT ZONE: FLORIDA WEST MERCATOR BOUNDARY INFORMATION FURNISHED BY SURVEY (SEE NOTE 3) CONVERGENCE = -0.04.58.6STATE PLANE IN U.S. SURVEY FEET REGISTRATION NOT \$274 INPUT NETWORK ELEVATION: 70 FEET STATE OF FLORIDA 4" x 4" CONCRETE MONUMENT CORNER BASE: CITY OF OCALA G.P.S. CONTROL NETWORK COR. IDENTIFICATION NORTHING EASTING (MOORHEAD ENG. CO.) PRM #62 OCALA PALMS UNIT 1 1774204.4792 591843.1579
PRM #66 OCALA PALMS UNIT 1 1773617.6436 591783.5462 NORTHING Y = 1773294.089A TOPOGRAPHIC SURVEY EASTING X = 602341.366SCALE FACTOR = .99994450(RECORDED IN PLAT BOOK 2, PAGES 183 THROUGH 189) CONVERGENCE = -0.04.56.4BIG "D"/DUNN-RITE INC. GRID BEARING AND DISTANCE: N89'04'49"E 390.086' ROBERT L. ROGERS ENGINEERING CO. INC 1105 S.E. 3rd Ave. CCALA, FLORIDA 34471 (904) 622-9214 SCALE 1" = 50 []-- [<u>[</u> SHEET REVISION DATE