

NOTES:

1. THE BOUNDARY INFORMATION SHOWN HEREON IS BASED ON PREVIOUS BOUNDARY SURVEYS AND SKETCH OF LEGAL DESCRIPTIONS, PREPARED BY THIS FIRM FOR FRIENDS RECYCLING, L.L.C.
2. ELEVATIONS AND CONTOURS SHOWN HEREON ARE BASED ON N.G.V.D. DATUM; CITY OF OCALA BM @ N.W. 27th AVENUE AND N.W. 18th STREET; ELEVATION 70.41 (SLD-29).
3. FIELD SURVEY DATE: 12-03-07.

LEGEND

- I.R. IRON ROD
- R/W RIGHT OF WAY
- UTILITY POLE AND GUY ANCHOR
- OVERHEAD WIRES
- FENCE
- CONC. CONCRETE
- GROUND CONTOUR
- TEMPORARY BENCHMARK
- ELEV. ELEVATION

RODNEY K. ROGERS
PROFESSIONAL SURVEYOR & MAPPER
REGISTRATION NO. 5274
STATE OF FLORIDA

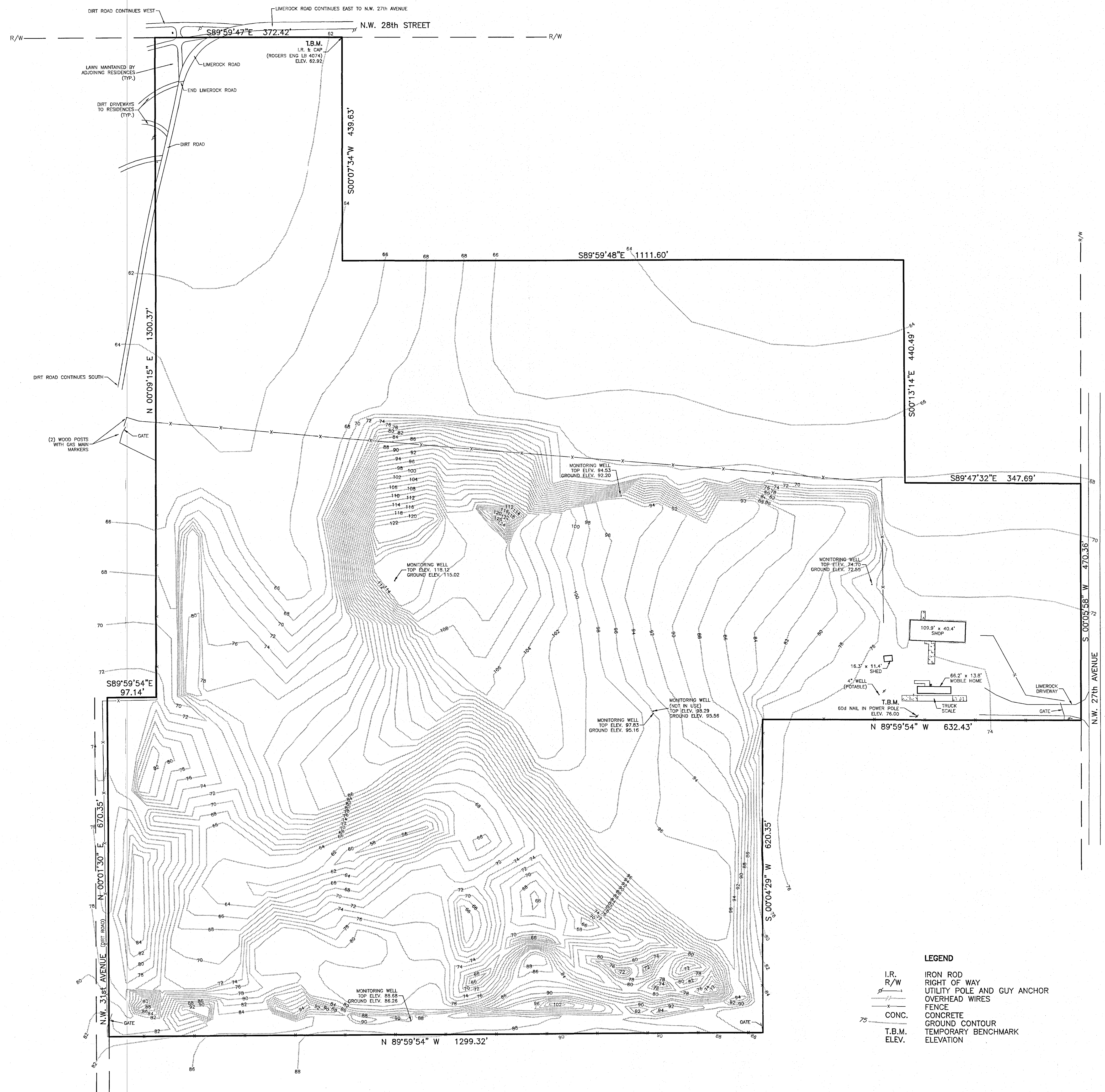
A TOPOGRAPHIC SURVEY
FOR
FRIENDS RECYCLING, L.L.C.

ROBERT L. ROGERS ENGINEERING CO., INC.
LIC. BUS. #4074
1105 S.E. 3rd Ave. OCALA, FLORIDA 34471 (352) 622-9214

SCALE 1" = 100'	DATE 12-11-07	SHEET OF 1
--------------------	------------------	---------------

COMPLETED FEB - 7 2008

10 ROXA



NOTES:

1. THE BOUNDARY INFORMATION SHOWN HEREON IS BASED ON PREVIOUS BOUNDARY SURVEYS AND SKETCH OF LEGAL DESCRIPTIONS, PREPARED BY THIS FIRM FOR FRIENDS RECYCLING, L.L.C.
2. ELEVATIONS AND CONTOURS SHOWN HEREON ARE BASED ON N.G.V.D. DATUM; CITY OF OCALA BM @ N.W. 27th AVENUE AND N.W. 18th STREET; ELEVATION 70.41 (SLD-29).
3. FIELD SURVEY DATE: 12-03-07.

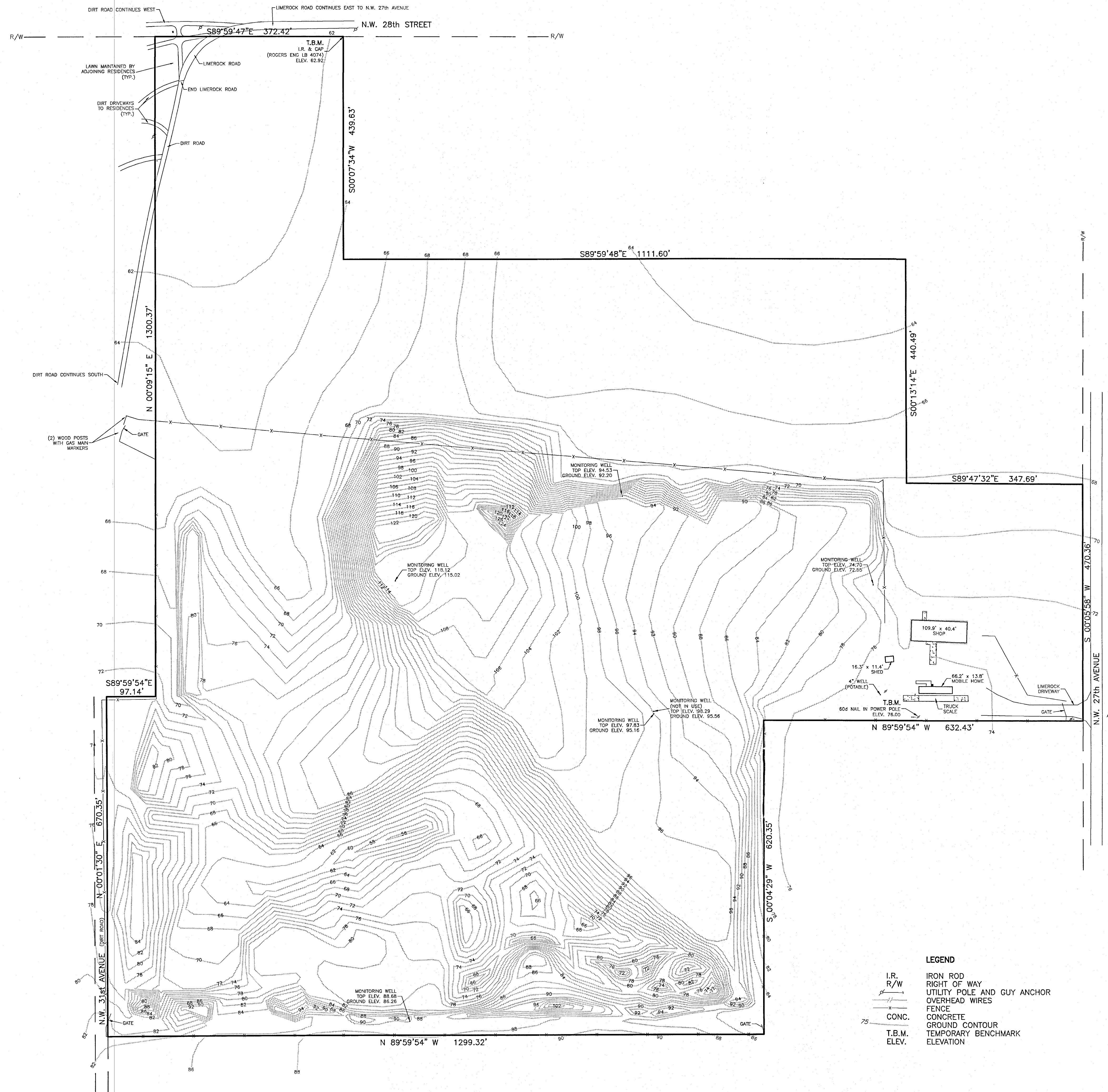
RODNEY R. ROGERS
PROFESSIONAL SURVEYOR & MAPPER
REGISTRATION NO. 5274
STATE OF FLORIDA

A TOPOGRAPHIC SURVEY
FOR
FRIENDS RECYCLING, L.L.C.

ROBERT L. ROGERS ENGINEERING CO. INC.

LIC. BUS. #4074
1105 S.E. 3rd Ave. OCALA, FLORIDA 34471 (352) 622-9214

SCALE 1" = 100'	DATE 12-11-07	SHEET 1 OF 1
--------------------	------------------	-----------------



NOTES:

1. THE BOUNDARY INFORMATION SHOWN HEREON IS BASED ON PREVIOUS BOUNDARY SURVEYS AND SKETCH OF LEGAL DESCRIPTIONS, PREPARED BY THIS FIRM FOR FRIENDS RECYCLING, L.L.C.
2. ELEVATIONS AND CONTOURS SHOWN HEREON ARE BASED ON N.G.V.D. DATUM; CITY OF OCALA BM @ N.W. 27th AVENUE AND N.W. 18th STREET; ELEVATION 70.41 (SLD-29).
3. FIELD SURVEY DATE: 12-03-07.

RECEIVED
JAN 23 2008
DEP Central Dist.

RODNEY R. ROGERS
PROFESSIONAL SURVEYOR & MAPPER
REGISTRATION NO. 5274
STATE OF FLORIDA

A TOPOGRAPHIC SURVEY
FOR
FRIENDS RECYCLING, L.L.C.

ROBERT L. ROGERS ENGINEERING CO. INC.
LIC. BUS. #4074

1105 S.E. 3rd Ave. OCALA, FLORIDA 34471 (352) 622-9214

SCALE 1" = 100'	DATE 12-11-07	SHEET 1 OF 1
--------------------	------------------	-----------------

PROJECT INFORMATION

OWNER: FRIENDS RECYCLING, LLC
2350 N.W. 27th Avenue. Ocala, FL
(352) 622-5800

ENGINEER: Guerra Development Corp.,
Juan C. Guerra, P.E.
2817 N.E. 3rd Street
Ocala, FL 34470
(352) 629-8060

CONTRACTOR: N/A

GENERAL PURPOSE: Industrial - Landfill

ZONING: Site: M-1 (cells) Adjacent: North: R-1 West: R-1
R-1 (DRA) 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	306,006	16.65%
Cells	914,760	49.78%
Impervious	15,500	0.84%
Open	601,480	32.73%
Total Site	1,837,746	100.0%

INDEX OF SHEETS

1. TITLE
2. CELL LAYOUT
3. CLOSURE & GRADING PLAN
4. D.R.A. & DETAILS
5. SITE PREPARATION
6. WELLS MAP

SITE DEVELOPMENT PLAN

FRIENDS RECYCLING, LLC

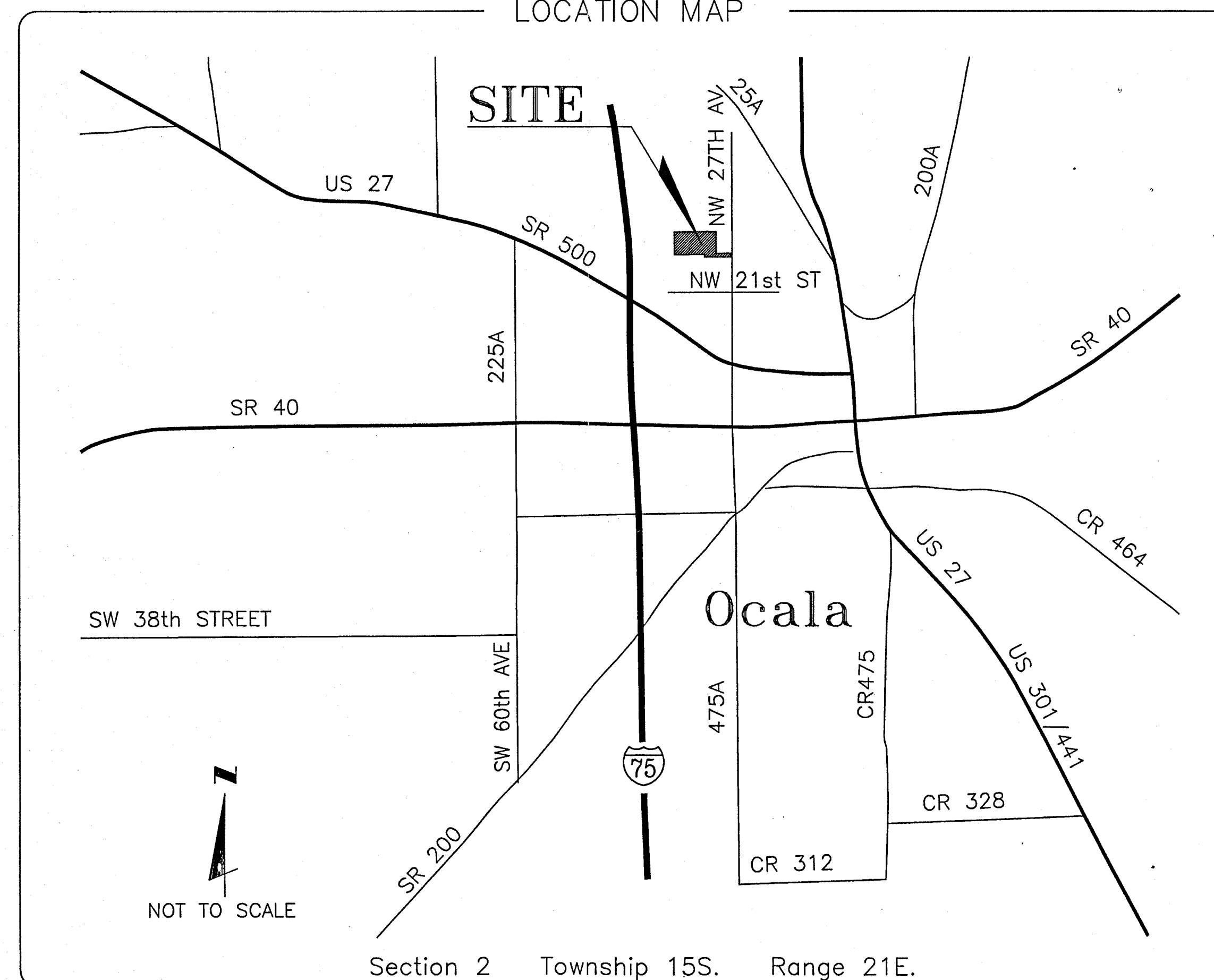
CONSTRUCTION & DEMOLITION DEBRIS LANDFILL

City of Ocala, Florida

10 January 2008

G.D.C. Project No. 0307

LOCATION MAP



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 OSHA.
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 (352) 854-3333
 - A. T. & T. (800) 241-3624
 - WATER AND SEWER (CITY OF OCALA) (352) 629-8521
 - PEOPLE'S GAS (TECO) (352) 622-0112

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, June 20, 2007 or latest edition.
12. All conduit installed under pavement must be encased in concrete.

RECEIVED
JAN 29 2008
DEP. Central Dist.

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.

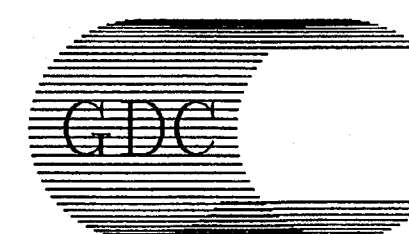
FRIENDS RECYCLING, LLC
Gerald Laurence, Operation Manager

ENGINEER'S CERTIFICATION

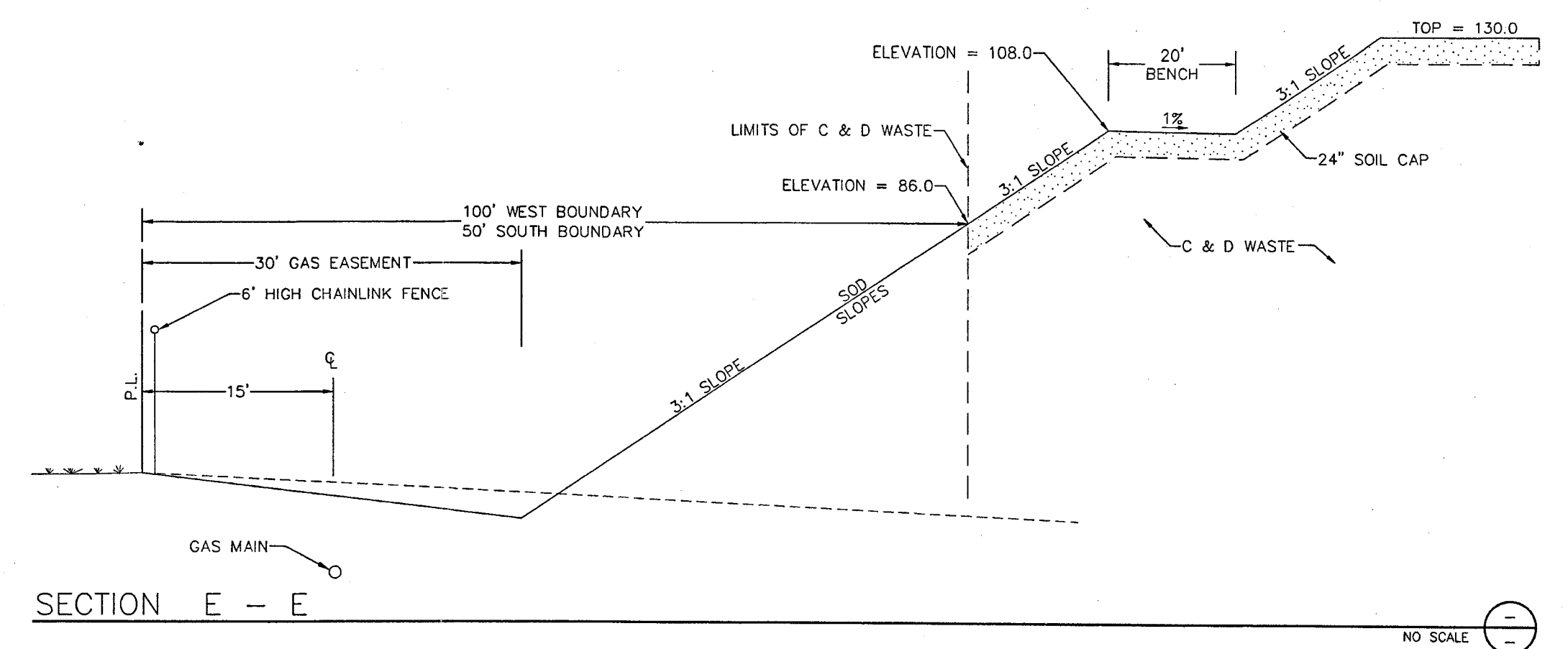
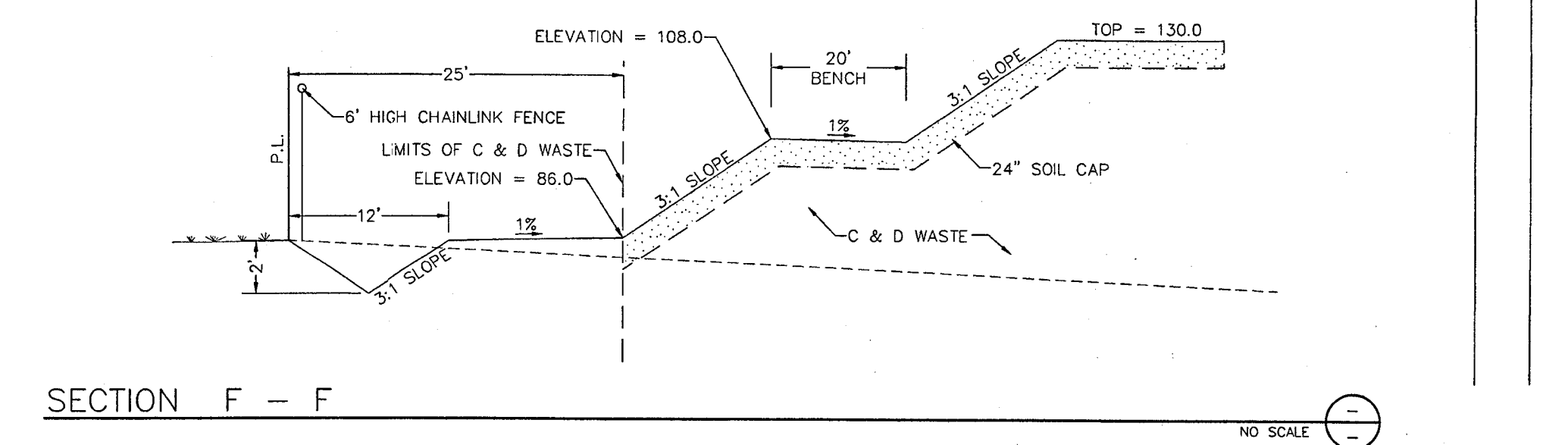
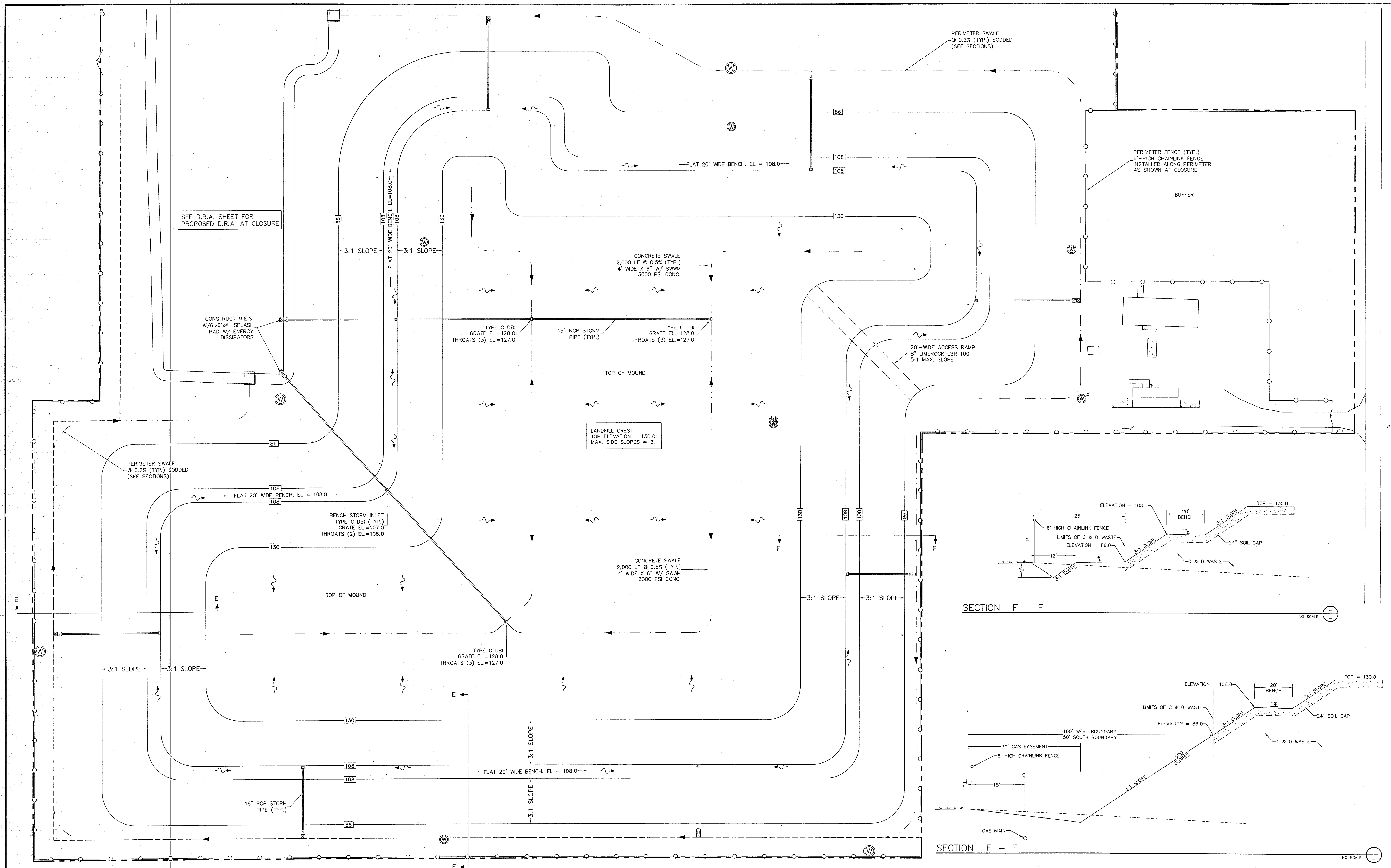
I hereby certify that the drainage facilities specified hereon were designed in accordance with applicable requirements from the City of Ocala, Florida, and that adjacent properties will be protected from stormwater damage as a result of the proposed development, and that I shall submit a plan to the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




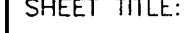
Juan C. Guerra, P.E.
Fl. Reg. No. 0041000
1-25-08

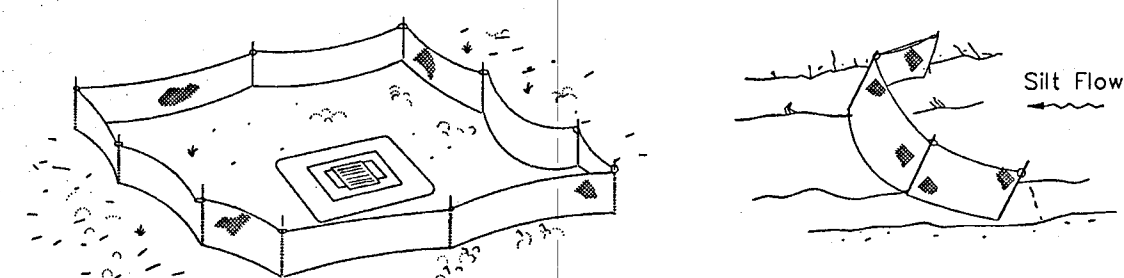
Guerra Development Corp.
Consulting Engineering



2817 N.E. 3rd Street. Ocala, FL 34470
Ph: 352-629-8060 Fx: 352-629-4379
email: guerracorp@att.net



REVISIONS			Names	Date	<div>SEAL:  Juan C. Guerra, P.E. Fla. Reg. No. 0041000 Date: 7-25-08</div>		<div>Guerra Development Corp. Consulting Engineering 2817 N.E. 3rd Street, Ocala, FL 34470 Ph: 352-629-8060 Fx: 352-629-4379</div>	<div>HORIZ. SCALE: 1" = 60' VERT. SCALE: - </div>		CLIENT:	SHEET TITLE:		DRAWING NO.		
Date	By	Description	Drawn By	JCG,MAG						10-JUL-07	FRIENDS RECYCLING, LLC		CLOSURE & GRADING PLAN		0307-DRA
			Checked By	MAG,JCG											
			Designed By	JCG,MAG											
			Checked By												
			Approved By												
									PROJECT NAME:	JOB NO:	SHEET NO.				
									FRIENDS RECYCLING RENEWAL	0307	3 of 6				



Type III Silt Fence Protection
Around Ditch Bottom Inlets.

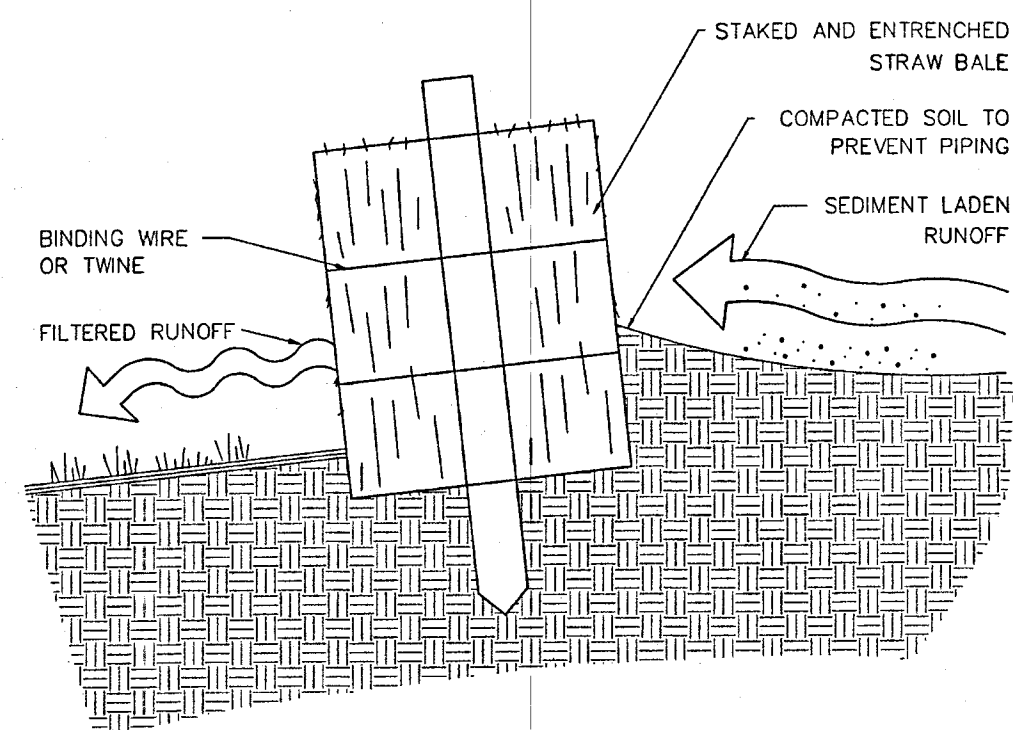
Note: Spacing for Type III Fence to be in
accordance with Chart 1, Sheet 1 of 3
and ditch installations at drainage
structures Sheet 2 of 3.

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.

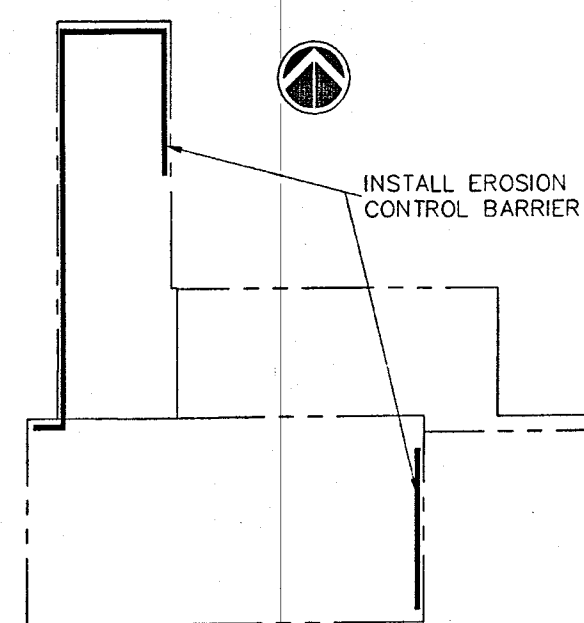
SILT FENCE - FDOT INDEX # 102

NO SCALE



EROSION BARRIER - STRAW BALE

NO SCALE



EROSION CONTROL PLAN

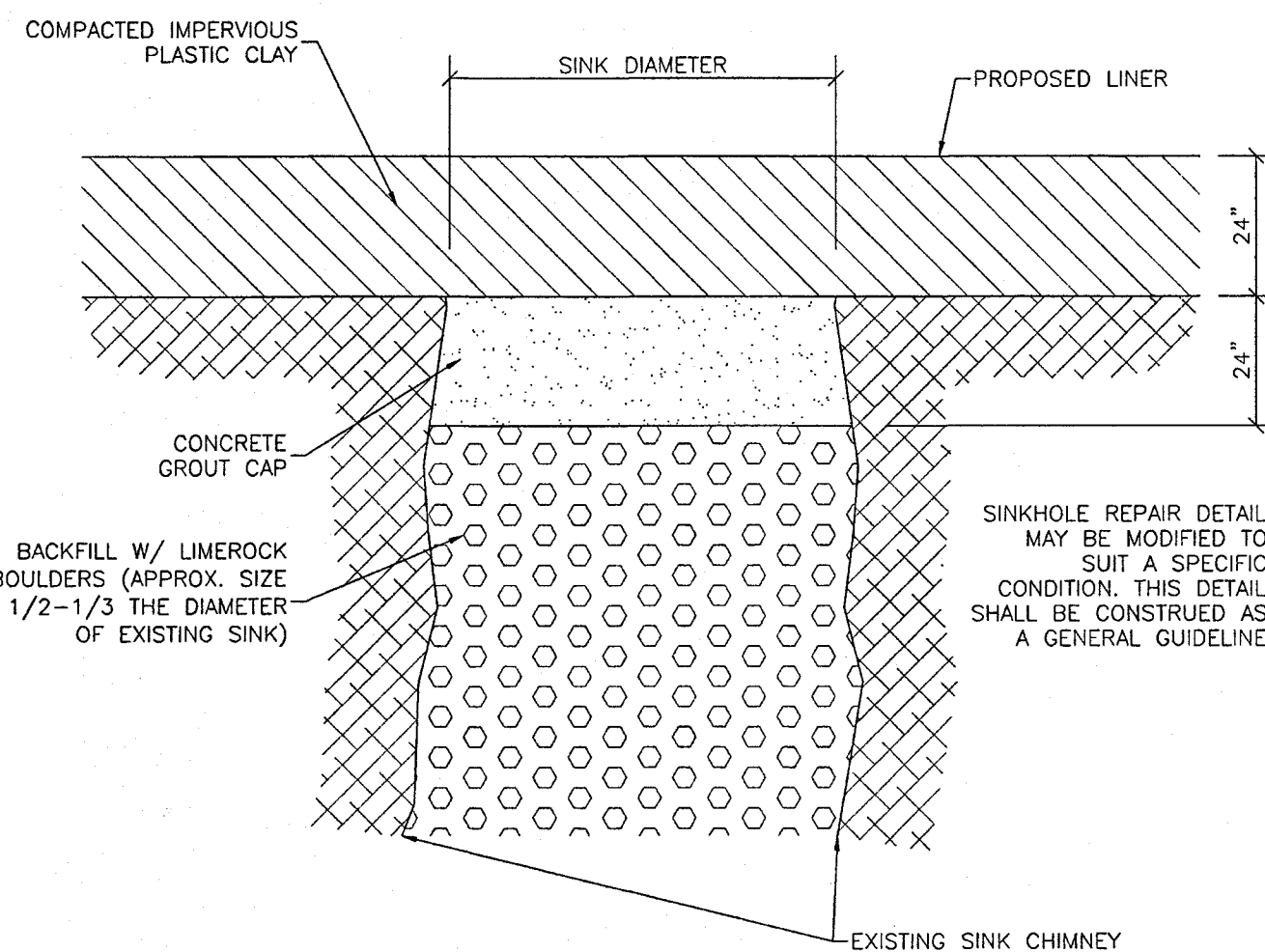
NO SCALE

NOTES:

- 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 OCCURRING OFFSITE UNLESS DITCHES PREVENT OFFSITE RUNOFF.
- STORM DRAINAGE SYSTEM, INCLUDING DRAs SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF THE PROJECT AND IN A DOWNSTREAM - TO - UPSTREAM SEQUENCE.
- 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 ROADWAYS AND DRAs.
- ALL COMPONENTS OF THE STORM WATER CONVEYANCE SYSTEM, INCLUDING INLETS, PIPES, SPILLWAYS, DITCHES, 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.).
- 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.

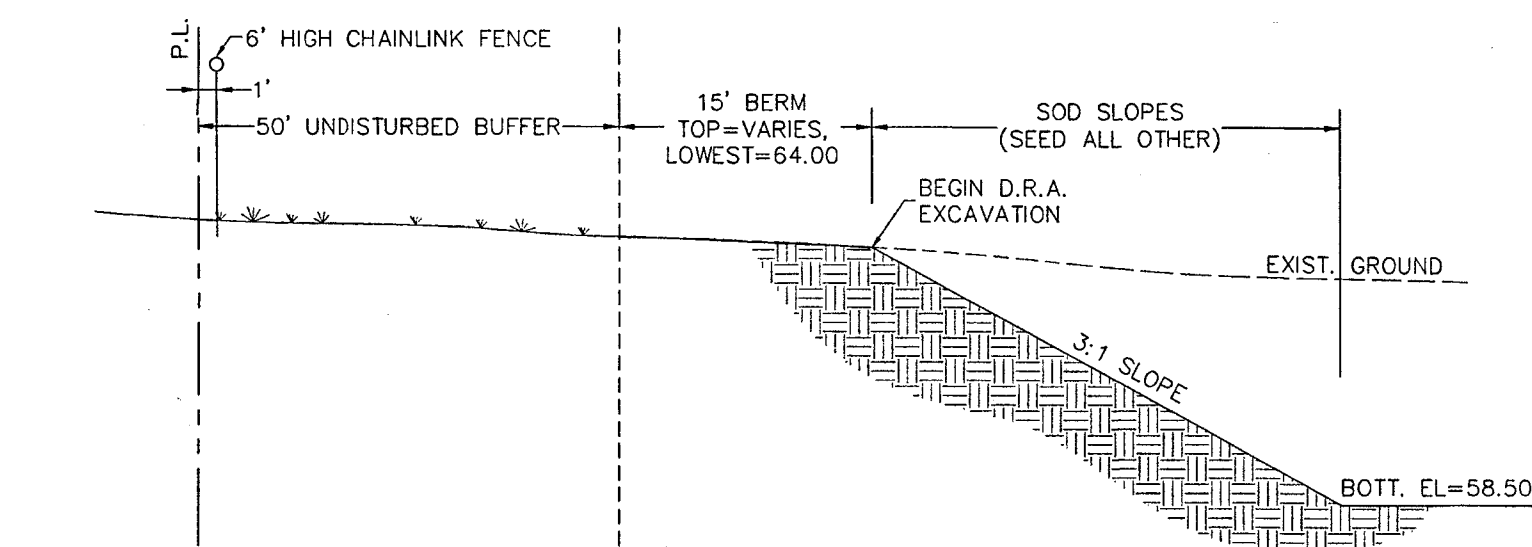
EROSION AND SEDIMENTATION CONTROL

NO SCALE



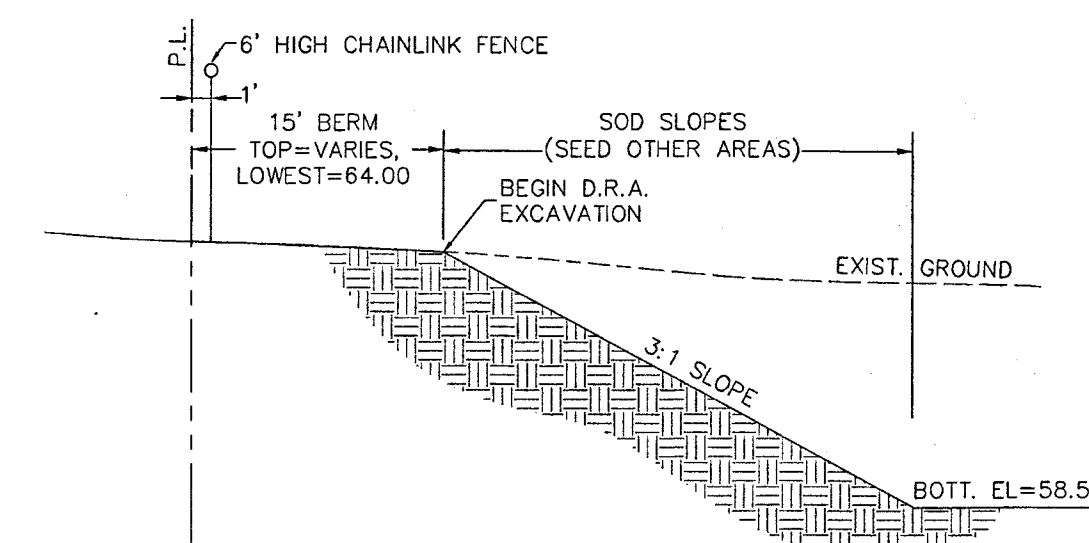
SINKHOLE CHIMNEY REPAIR DETAIL

NO SCALE



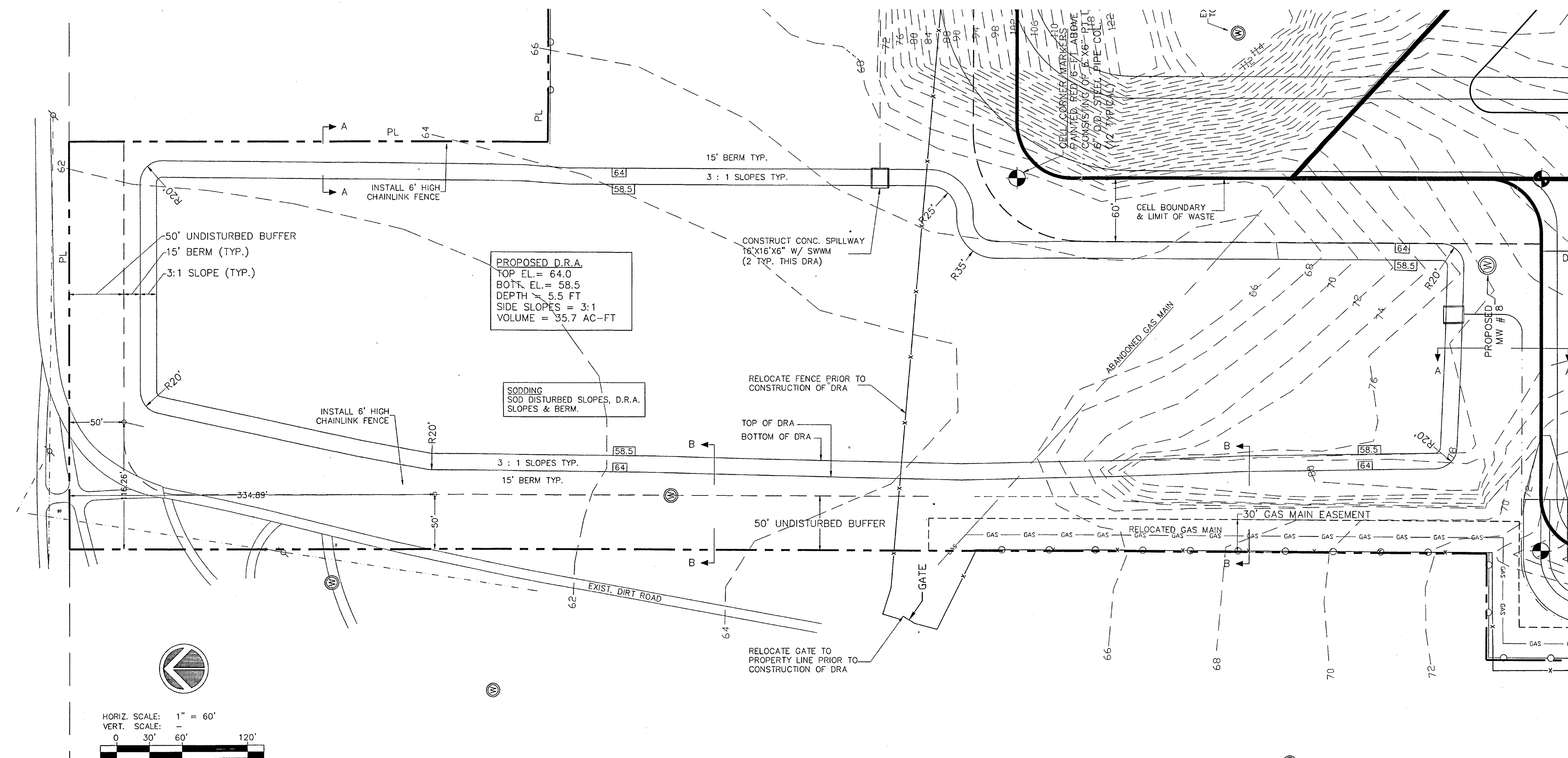
SECTION B-B

NO SCALE





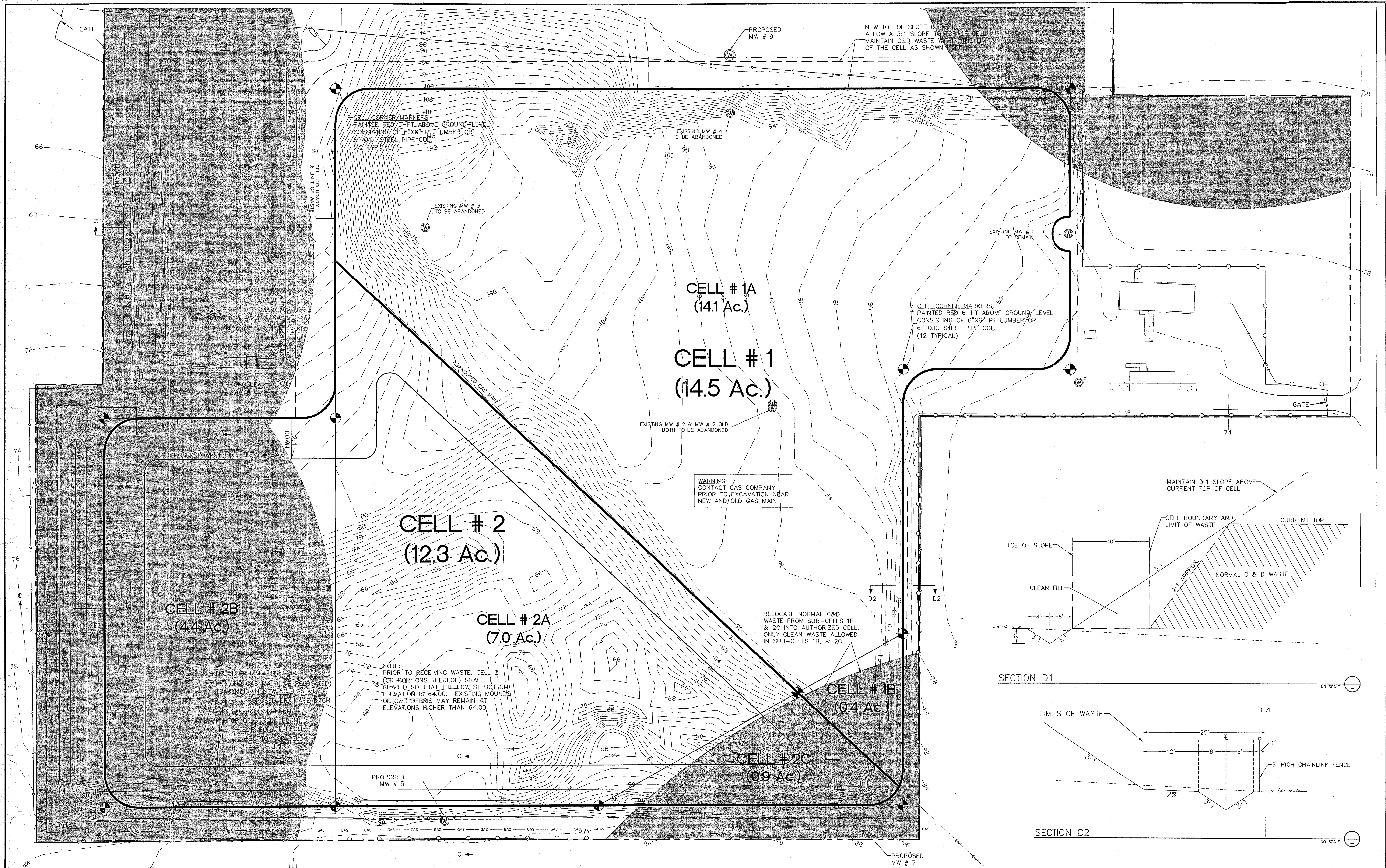
SECTION A-A

NO SCALE



PROPOSED D.R.A.

REVISIONS			Names	Date	SEAL:  Juan C. Guerra, P.E. Fla. Reg. No. 0041000 Date: 7-25-08	 Guerra Development Corp. Consulting Engineering 2817 N.E. 3rd Street. Ocala, FL 34470 Ph: 352-629-8060 Fx: 352-629-4379			CLIENT: FRIENDS RECYCLING RENEWAL	SHEET TITLE: D.R.A. & DETAILS		DRAWING NO. 0307-PLN
Date	By	Description	Drawn By	JCG,MAG						21-JAN-08		
			Checked By	MAG,JCG								
			Designed By	JCG,MAG								
			Checked By									
			Approved By							PROJECT NAME: FRIENDS RECYCLING RENEWAL	JOB NO: 0307	SHEET NO. 4 of 6



REVISIONS				Names	Date	SEAL:	Guerra Development Corp. Consulting Engineering			CLIENT:		SHEET TITLE:		DRAWING NO.	
Date	By	Description	Drawn By	JCG,MAG	21-JAN-08					FRIENDS RECYCLING, LLC		SITE PREPARATION		0307-DRA	
			Checked By	MAG,JCG			2817 N.E. 3rd Street, Ocala, FL 34470 Ph: 352-629-8060 Fx: 352-629-4379					PROJECT NAME:		JOB NO:	
			Designed By	JCG,MAG											
			Checked By				Date: 1-25-08					FRIENDS RECYCLING RENEWAL		0307	
			Approved By											5 of 6	

PROJECT INFORMATION

OWNER: FRIENDS RECYCLING, LLC
2350 N.W. 27th Avenue. Ocala, FL
(352) 622-5800

ENGINEER: Guerra Development Corp.,
Juan C. Guerra, P.E.
2817 N.E. 3rd Street
Ocala, FL 34470
(352) 629-8060

CONTRACTOR: N/A

GENERAL PURPOSE: Industrial - Landfill

ZONING: Site: M-1 (cells) Adjacent: North: R-1 West: R-1
R-1 (DRA) 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	306,006	16.65%
Cells	914,760	49.78%
Impervious	15,500	0.84%
Open	601,480	32.73%
Total Site	1,837,746	100.0%

INDEX OF SHEETS

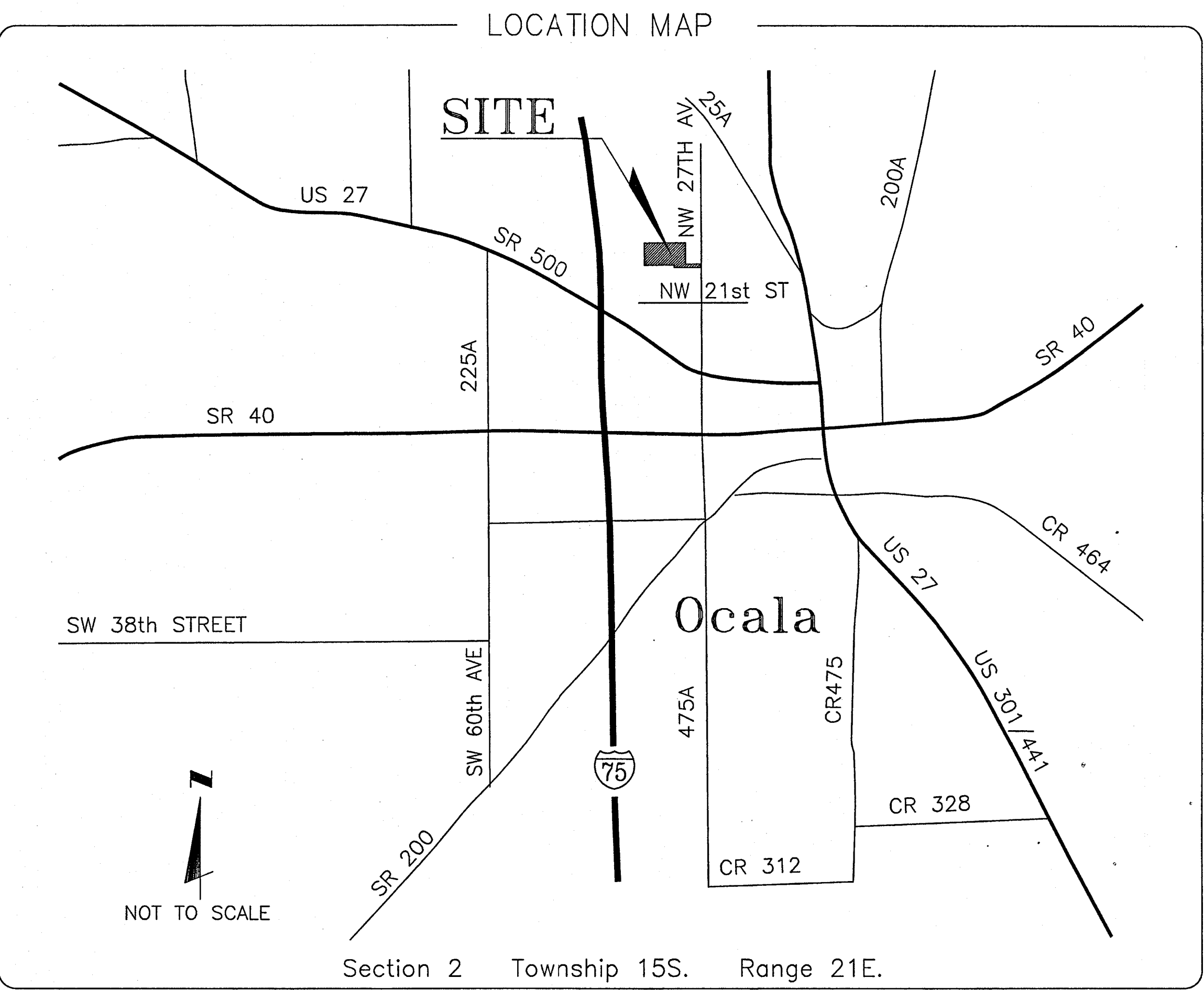
- TITLE
- CELL LAYOUT
- CLOSURE & GRADING PLAN
- D.R.A. & DETAILS
- SITE PREPARATION
- WELLS MAP

SITE DEVELOPMENT PLAN

FRIENDS RECYCLING, LLC
CONSTRUCTION & DEMOLITION DEBRIS LANDFILL
City of Ocala, Florida

10 January 2008

G.D.C. Project No. 0307



GENERAL NOTES

- 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.
- 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.
- ANY deviation from these plans requires prior written approval from the professional engineer of record and, if applicable, from the City of Ocala.
- 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.
- General Contractor is hereby required to implement site safety at all times per OSHA.
- 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
 - CDX CABLE (352) 854-3333
 - A. T. & T. (800) 241-3624
 - WATER AND SEWER (CITY OF OCALA) (352) 629-8521
 - PEOPLE'S GAS (TECO) (352) 622-0112
- 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.
- Open
- 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.
- 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)
- All sanitary sewer construction up to and including service connection shall conform to the City of Ocala's Water and Sewer Construction Manual, June 20, 2007 or latest edition.
- All conduit installed under pavement must be encased in concrete.

RECEIVED
JAN 29 2008
DEP. Central Dist.

OWNER'S CERTIFICATION

I hereby certify that I have reviewed these plans with the improvements called for and find them acceptable or 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.

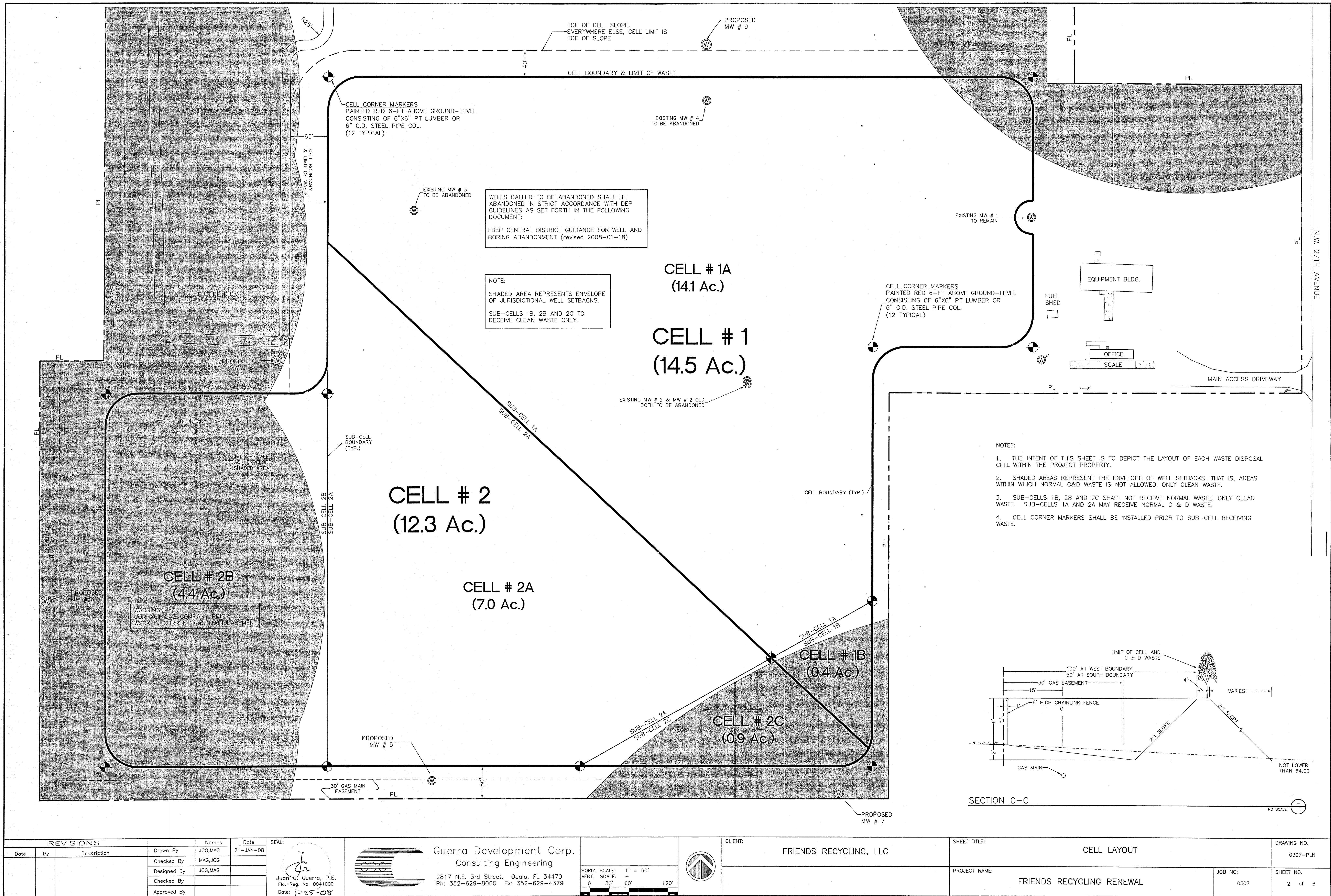
FRIENDS RECYCLING, LLC
Gerald Laurence, Operation Manager

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.

Juan C. Guerra, P.E.
Fl. Reg. No. 0041000
1-25-08

Guerra Development Corp.
Consulting Engineering
2817 N.E. 3rd Street, Ocala, FL 34470
Ph: 352-629-8060 Fx: 352-629-4379
email: guerracorp@att.net

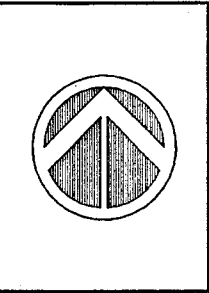


REVISIONS			Names	Date
Date	By	Description	Drawn By	
			JCG,MAG	21-JAN-08
			Checked By	
			MAG,JCG	
			Designed By	
			JCG,MAG	
			Checked By	
			Approved By	

SEAL:
Juan C. Guerra, P.E.
Fla. Reg. No. 0041000
Date: 1-25-08

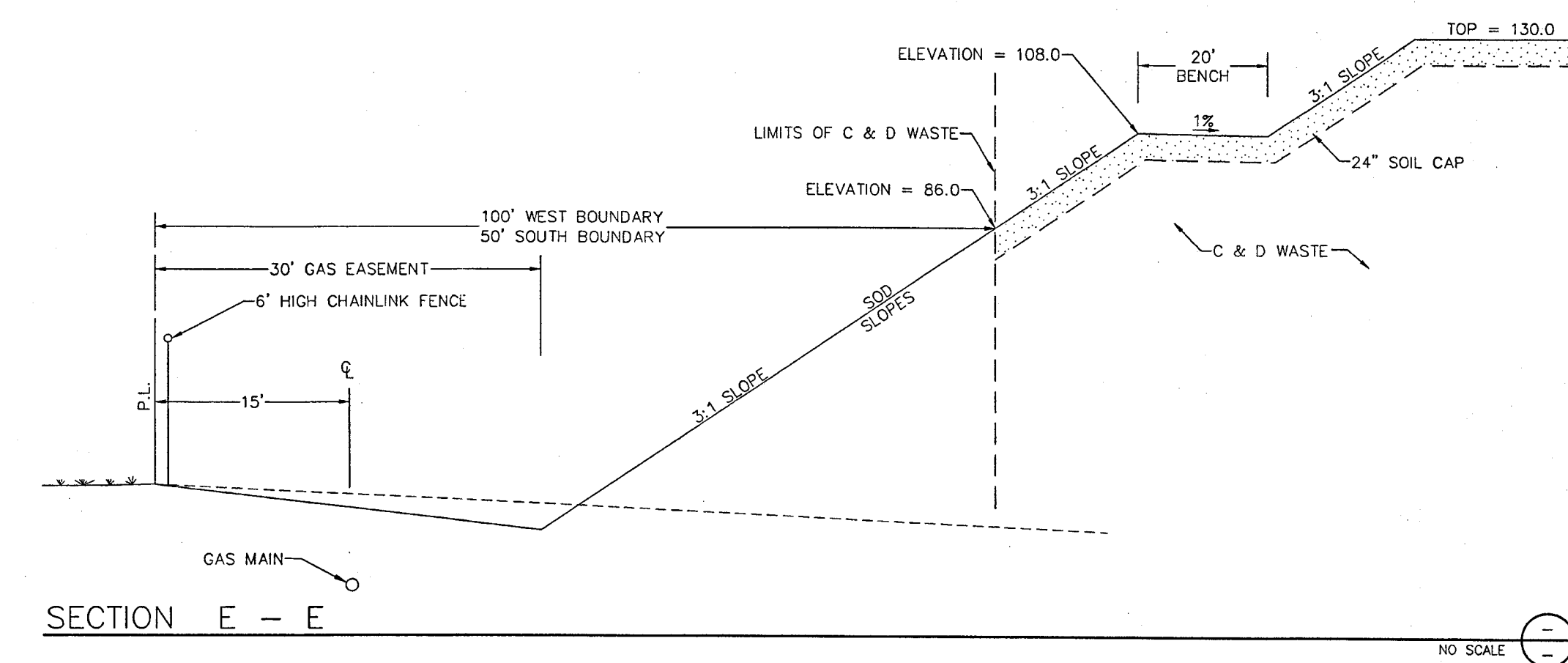
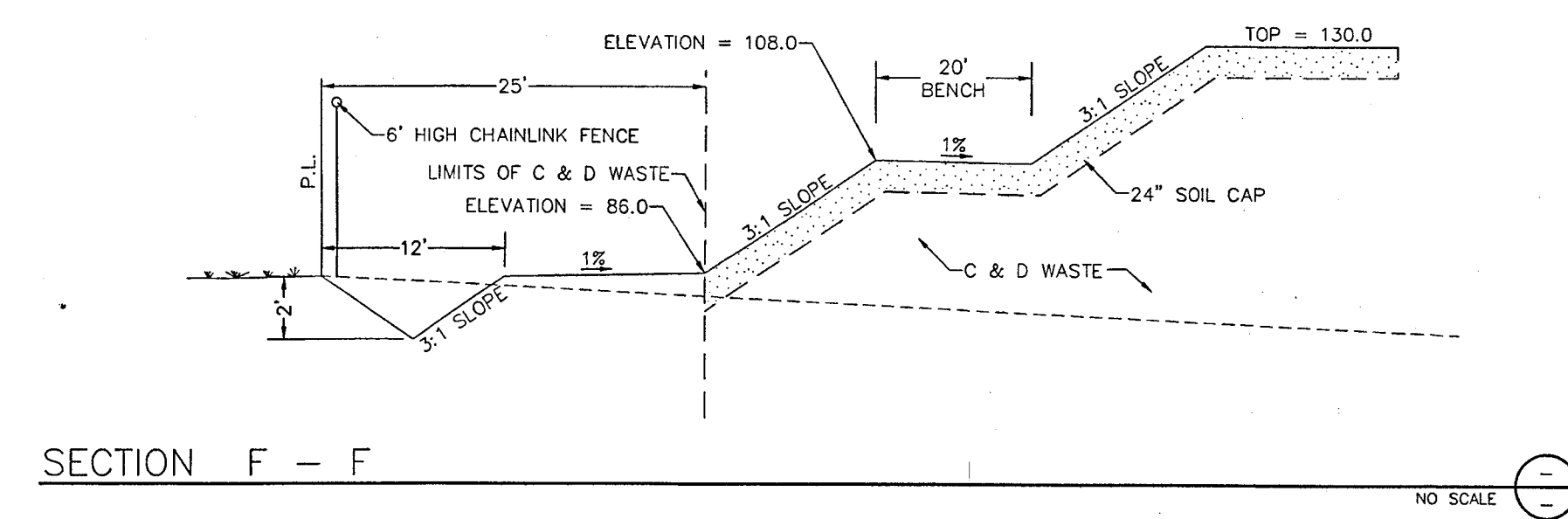
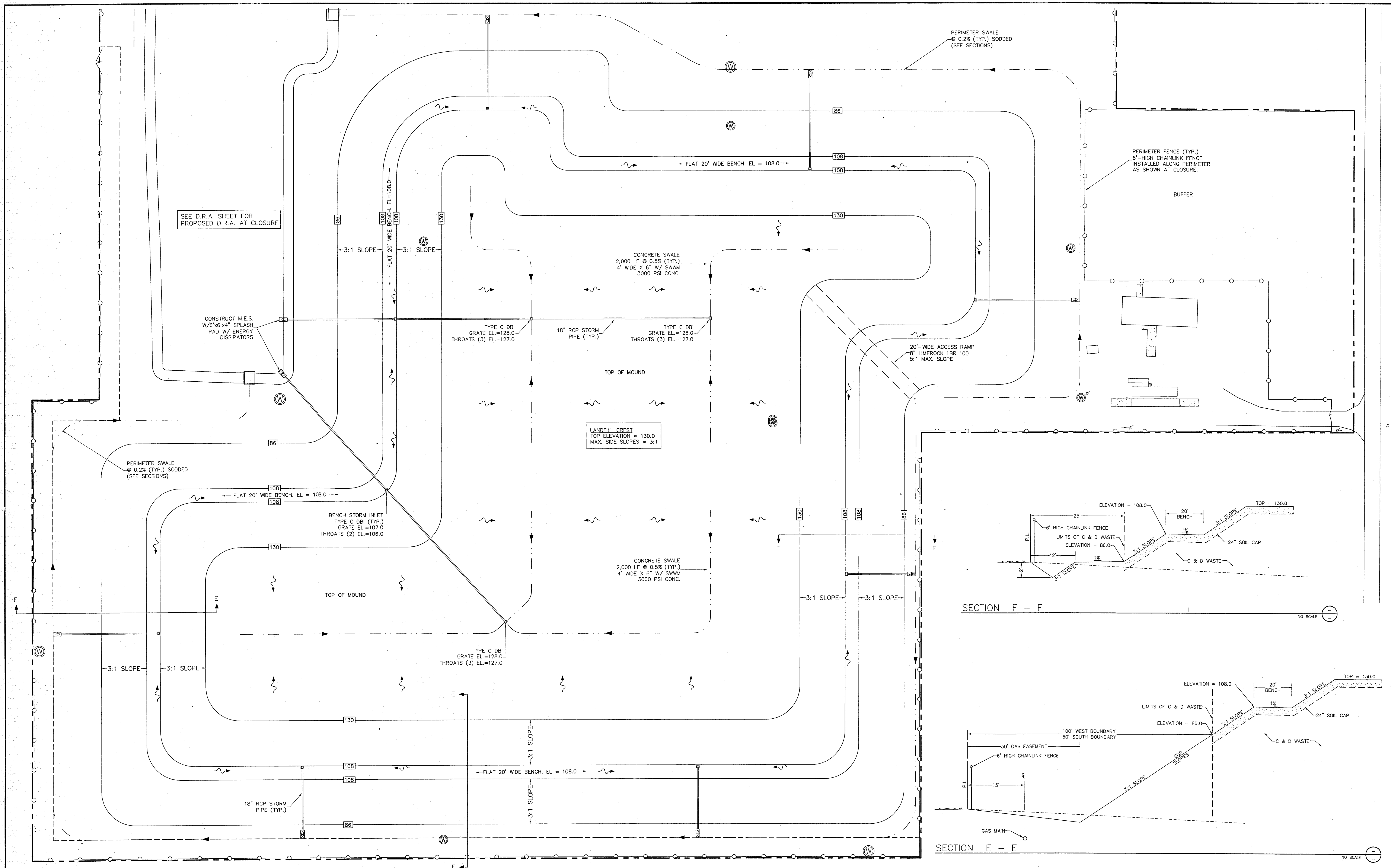
GDC
Guerra Development Corp.
Consulting Engineering
2817 N.E. 3rd Street, Ocala, FL 34470
Ph: 352-629-8060 Fx: 352-629-4379





HORIZ. SCALE: 1" = 60'
VERT. SCALE: -
0 30' 60' 120'

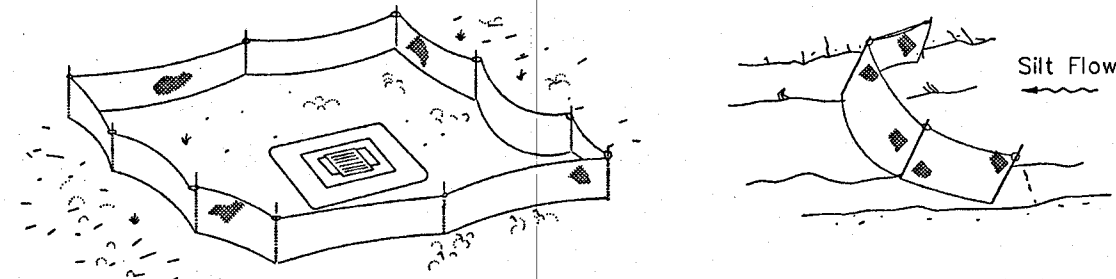


CLIENT: FRIENDS RECYCLING, LLC

SHEET TITLE:		DRAWING NO.	
CELL LAYOUT		0307-PLN	
PROJECT NAME:		SHEET NO.	
FRIENDS RECYCLING RENEWAL		2 of 6	



REVISIONS			Names	Date	SEAL:  Juan C. Guerra, P.E. Fla. Reg. No. 0041000 Date: 7-25-08	 Guerra Development Corp. Consulting Engineering 2817 N.E. 3rd Street, Ocala, FL 34470 Ph: 352-629-8060 Fx: 352-629-4379	 HORIZ. SCALE: 1" = 60' VERT. SCALE: - 0 30' 60' 120'		CLIENT:	SHEET TITLE:		DRAWING NO.	
Date	By	Description	Drawn By	JCG,MAG					10-JUL-07	FRIENDS RECYCLING, LLC	CLOSURE & GRADING PLAN		0307-DRA
			Checked By	MAG,JCG							PROJECT NAME:		
			Designed By	JCG,MAG							FRIENDS RECYCLING RENEWAL	JOB NO:	
			Checked By									0307	
			Approved By										3 of 6



Type III Silt Fence Protection
Around Ditch Bottom Inlets.

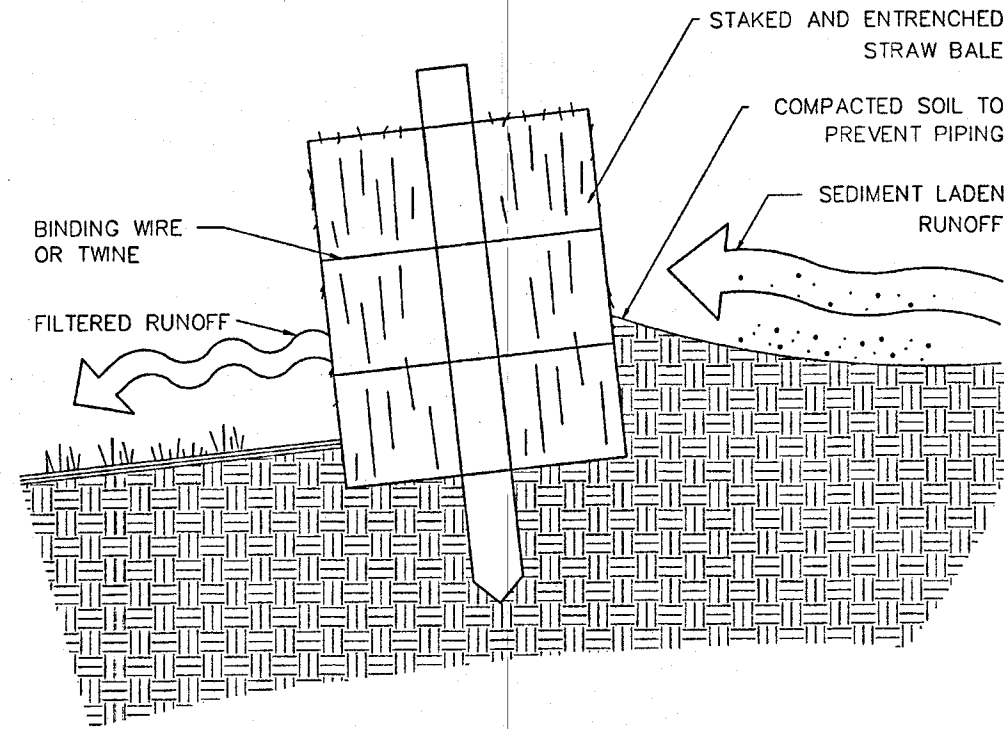
Note: Spacing for Type III Fence to be in
accordance with Chart I, Sheet 1 of 3
and ditch installations at drainage
structures Sheet 2 of 3.

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.

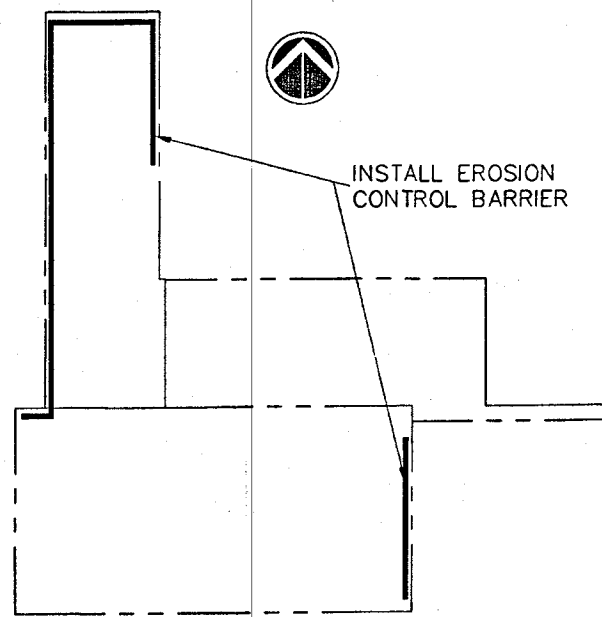
SILT FENCE — FDOT INDEX # 102

NO SCALE



EROSION BARRIER — STRAW BALE

NO SCALE



EROSION CONTROL PLAN

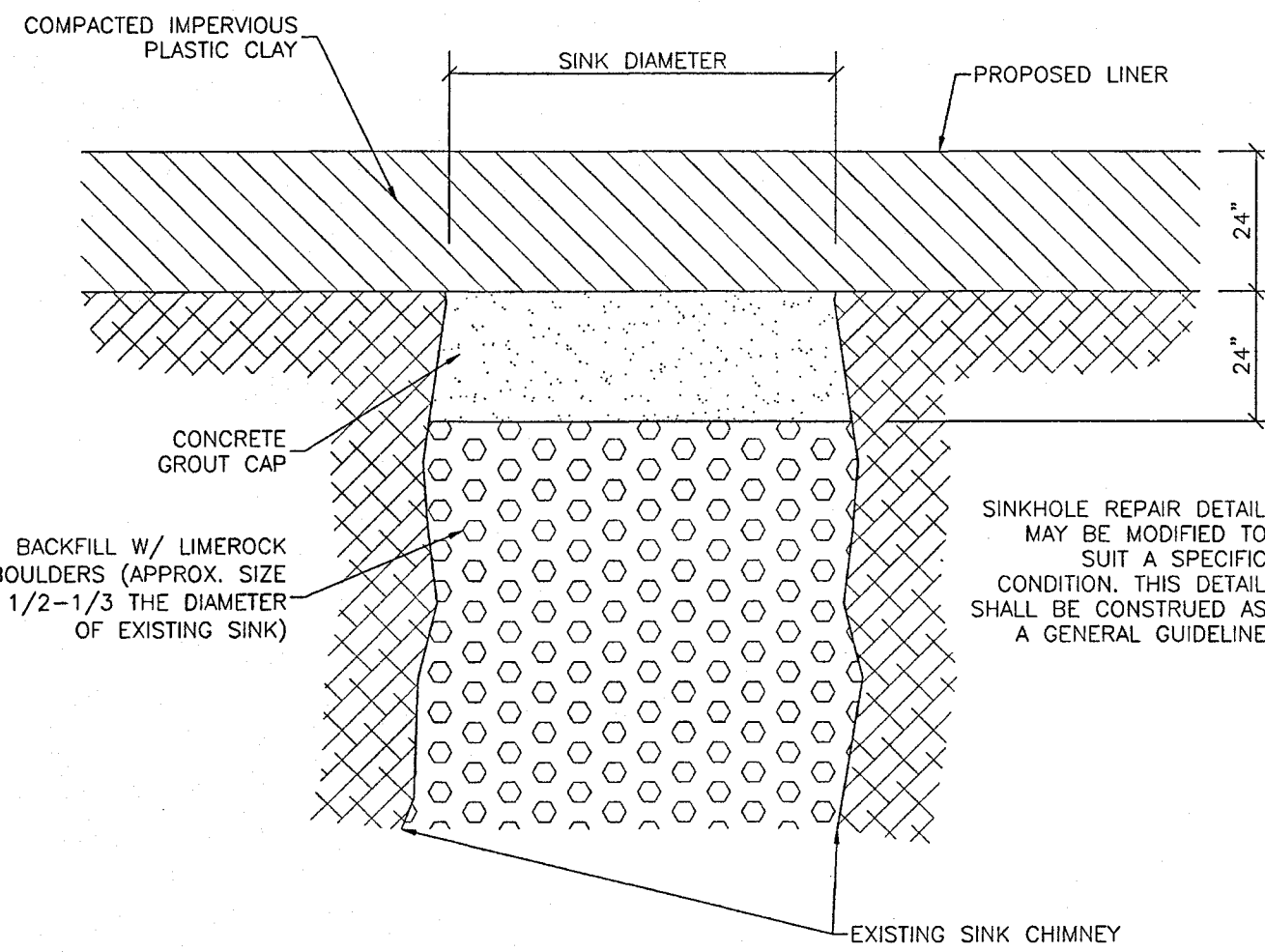
NO SCALE

NOTES:

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.
2. SILT FENCES SHALL BE INSTALLED DOWNSTREAM FROM ALL DRA AND OTHER CONSTRUCTION AREAS AS TO PREVENT SILTATION FROM OCCURRING OFFSITE UNLESS DITCHES PREVENT OFFSITE RUNOFF.
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.
5. 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 ROADWAYS AND DRAS.
6. ALL COMPONENTS OF THE STORM WATER CONVEYANCE SYSTEM, INCLUDING INLETS, PIPES, SPILLWAYS, DITCHES, ETC., SHALL BE FLUSHED AND/OR CLEANED TO HAVE ALL SILTS AND DEBRIS REMOVED PRIOR TO PROJECT COMPLETION.
7. 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.

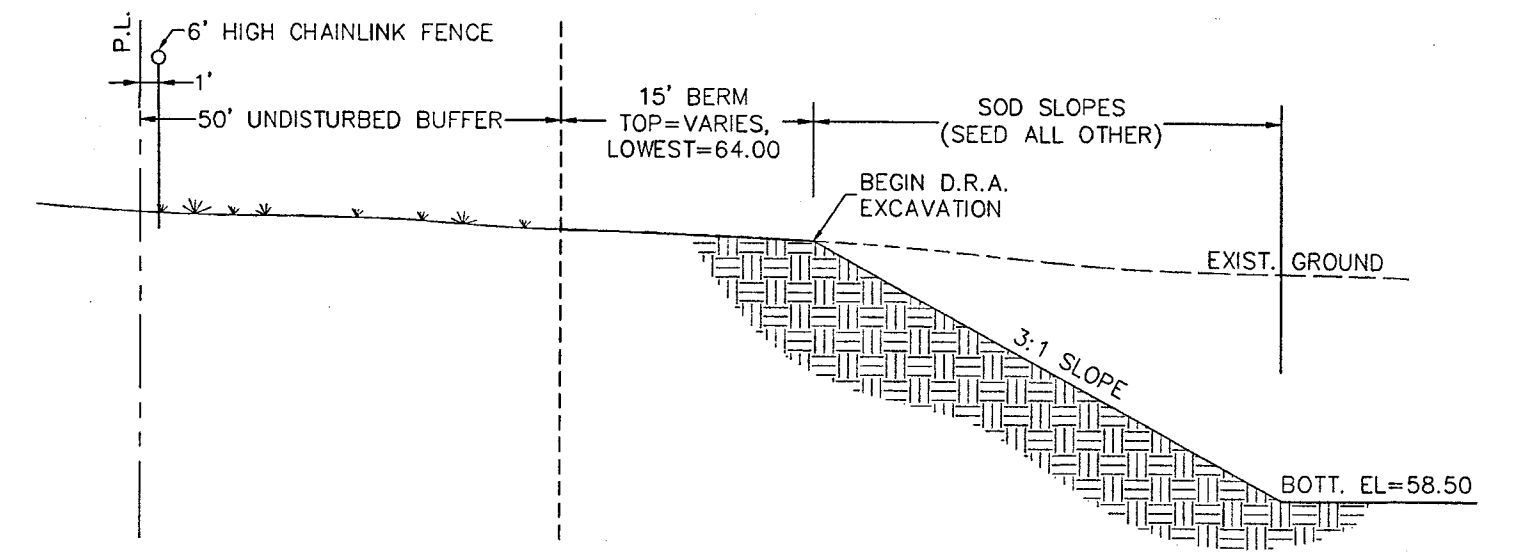
EROSION AND SEDIMENTATION CONTROL

NO SCALE



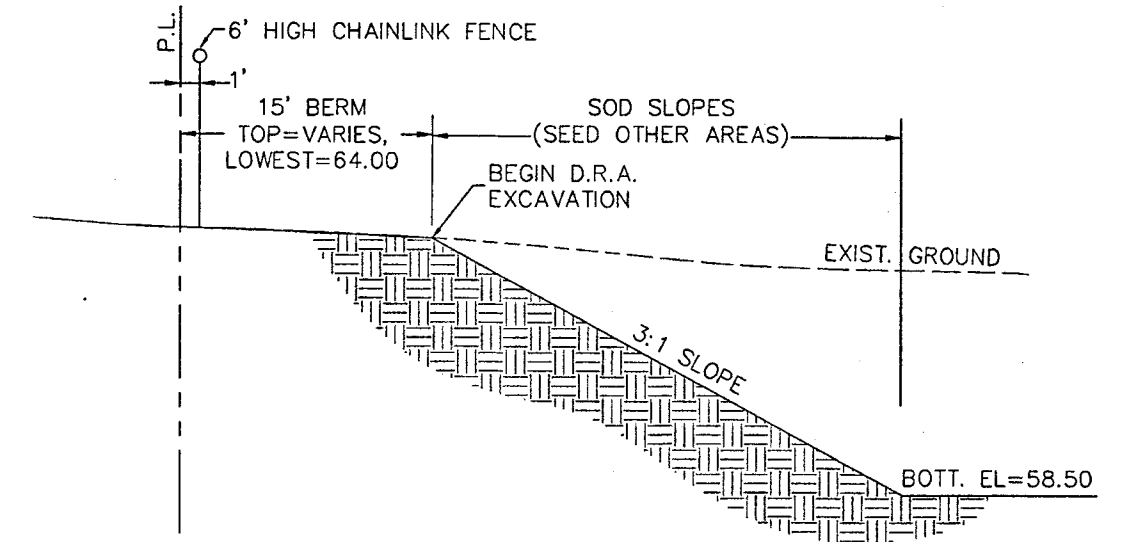
SINKHOLE CHIMNEY REPAIR DETAIL

NO SCALE



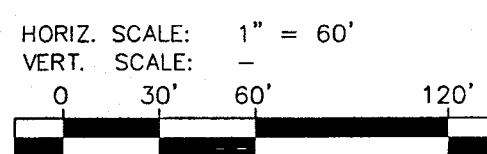
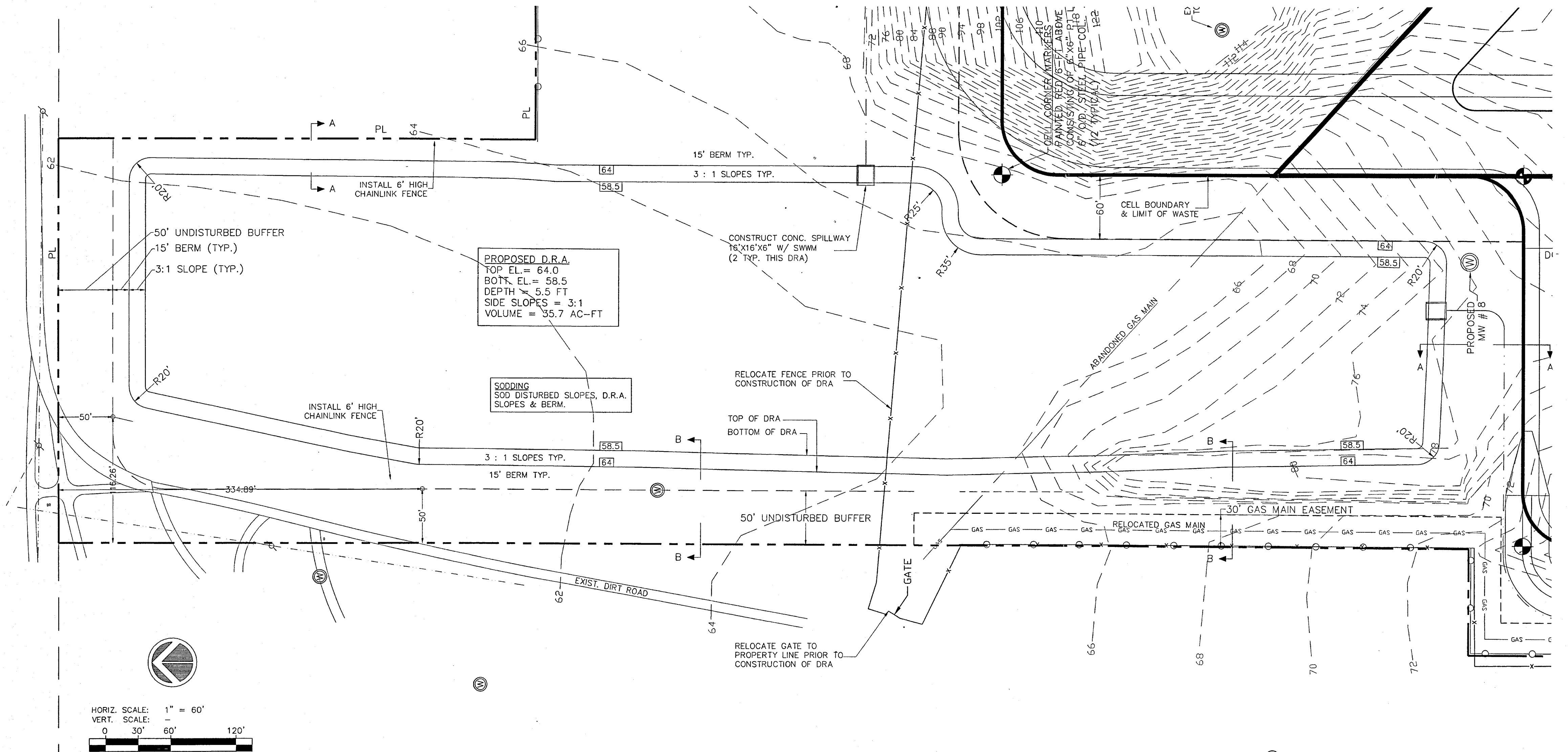
SECTION B-B

NO SCALE

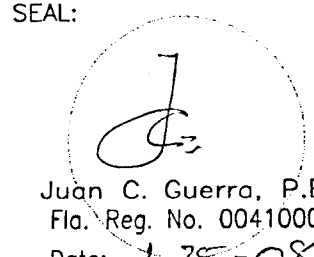
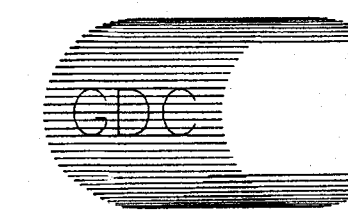


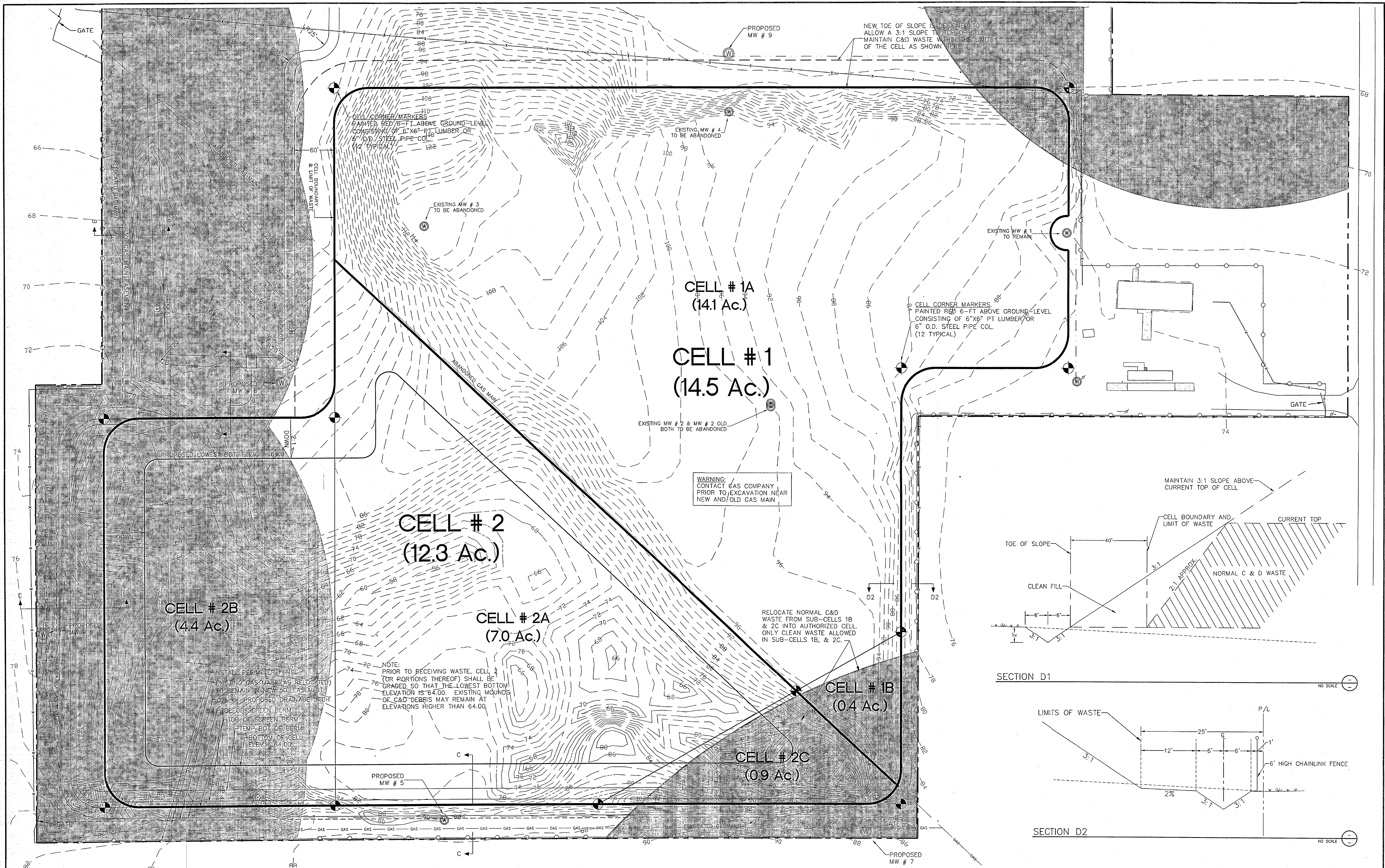
SECTION A-A

NO SCALE

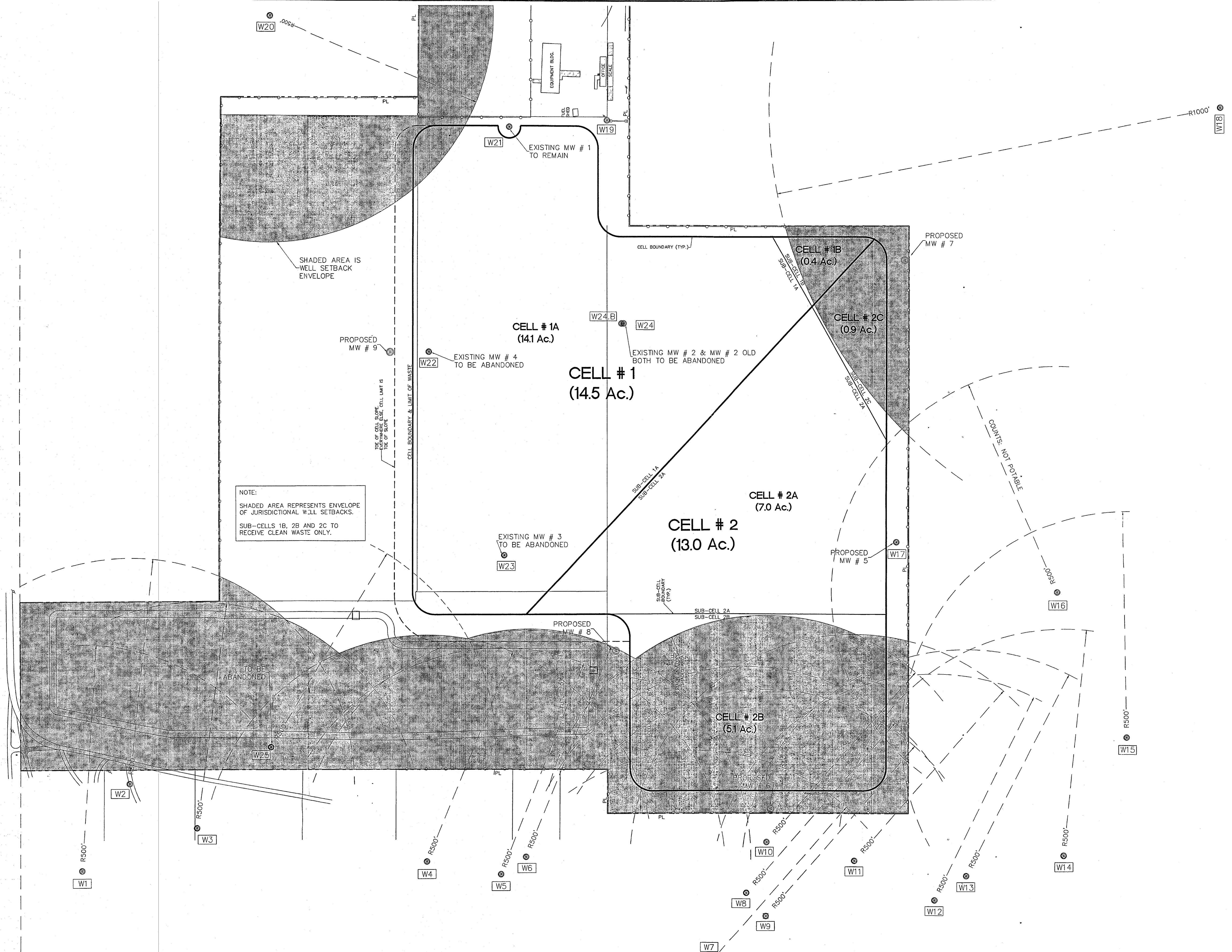


PROPOSED D.R.A.

REVISIONS			Names	Date	SEAL:  Juan C. Guerra, P.E. Fla. Reg. No. 0041000 Date: 1-25-08	 Guerra Development Corp. Consulting Engineering 2817 N.E. 3rd Street, Ocala, FL 34470 Ph: 352-629-8060 Fx: 352-629-4379	CLIENT: FRIENDS RECYCLING RENEWAL	SHEET TITLE: D.R.A. & DETAILS		DRAWING NO. 0307-PLN	
Date	By	Description	Drawn By								
			Checked By	JCG,MAG							
			Designed By	JCG,MAG							
			Checked By								
			Approved By								
			PROJECT NAME: FRIENDS RECYCLING RENEWAL		JOB NO: 0307		SHEET NO. 4 of 6				



REVISIONS			Names	Date	<div>SEAL:</div> <div></div> <div>Juan C. Guerra, P.E. Fla. Reg. No. 0041000 Date: 1-25-08</div>	<div></div> <div>Guerra Development Corp. Consulting Engineering 2817 N.E. 3rd Street, Ocala, FL 34470 Ph: 352-629-8060 Fx: 352-629-4379</div>	<div></div>	CLIENT: FRIENDS RECYCLING, LLC	SHEET TITLE: SITE PREPARATION			DRAWING NO. 0307-DRA
Date	By	Description	Drawn By	JCG,MAG					PROJECT NAME: FRIENDS RECYCLING RENEWAL	JOB NO: 0307	SHEET NO. 5 of 6	
			Checked By	MAG,JCG								
			Designed By	JCG,MAG								
			Checked By									
			Approved By									



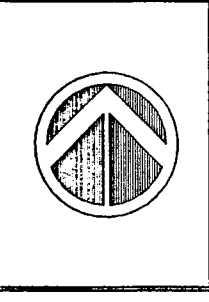
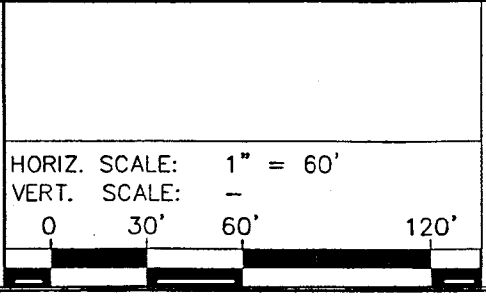
NOTE:
SHADED AREA REPRESENTS ENVELOPE
OF JURISDICTIONAL WELL SETBACKS.
SUB-CELLS 1B, 2B AND 2C TO
RECEIVE CLEAN WASTE ONLY.

REVISIONS			Names	Date
Date	By	Description	Drawn By	
			JCG,MAG	10-JAN-08
			Checked By	
			MAG,JCG	
			Designed By	
			JCG,MAG	
			Checked By	
			Approved By	

SEAL:

Juan C. Guerra, P.E.
No. 0041000
Date: 1-25-08

Guerra Development Corp.
Consulting Engineering
2817 N.E. 3rd Street, Ocala, FL 34470
Ph: 352-629-8060 Fx: 352-629-4379



CLIENT:
FRIENDS RECYCLING, LLC

SHEET TITLE:
WELLS MAP

PROJECT NAME:
FRIENDS RECYCLING RENEWAL

DRAWING NO.
0307-DRA

SHEET NO.
6 of 6

PROJECT INFORMATION

OWNER: FRIENDS RECYCLING, LLC
2350 N.W. 27th Avenue. Ocala, FL
(352) 622-5800

ENGINEER: Guerra Development Corp.,
Juan C. Guerra, P.E.
2817 N.E. 3rd Street
Ocala, FL 34470
(352) 629-8060

CONTRACTOR: N/A

GENERAL PURPOSE: Industrial - Landfill

ZONING: Site: M-1 (cells) Adjacent: North R-1 West: R-1
R-1 (DRA) 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	306,006	16.65%
Cells	914,760	49.78%
Impervious	15,500	0.84%
Open	601,480	32.73%
Total Site	1,837,746	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 |
| 5. | BOUNDARY SURVEY | By Rogers Engineering |

SITE DEVELOPMENT PLAN

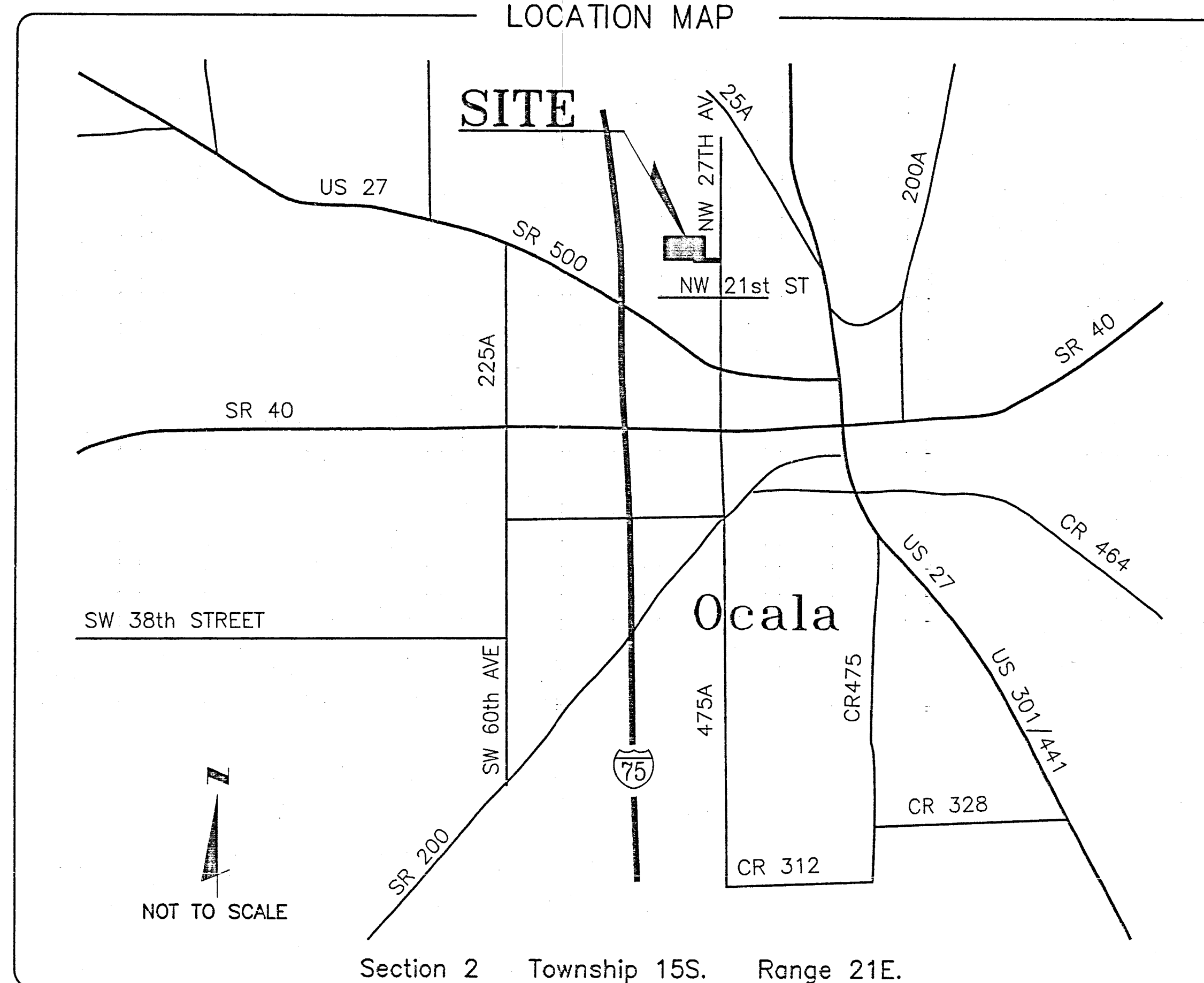
FRIENDS RECYCLING, LLC

CONSTRUCTION & DEMOLITION DEBRIS LANDFILL

City of Ocala, Florida

1 October 2001
Revised 10-Jul-2007
G.D.C. Project No. 0307

LOCATION MAP



GENERAL NOTES

- 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.
- 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.
- ANY deviation from these plans requires prior written approval from the professional engineer of record and, if applicable, from the City of Ocala.
- 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.
- General Contractor is hereby required to implement site safety at all times per OSHA.
- 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	(352) 854-3333
- A. T. & T.	(800) 241-3624
- WATER AND SEWER (CITY OF OCALA)	(352) 629-8521
- PEOPLE'S GAS (TECO)	(352) 622-0112

- 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.
- Open
- 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.
- 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.)
- All sanitary sewer construction up to and including service connection shall conform to the City of Ocala's Water and Sewer Construction Manual, June 20, 2007 or latest edition.
- 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.

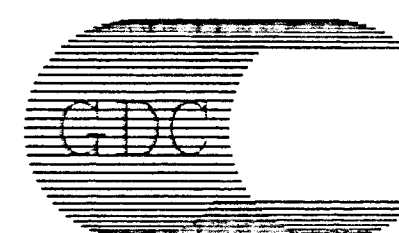
Gerald Laureano
FRIENDS RECYCLING, LLC
Gerald Laureano, Operation Manager

ENGINEER'S CERTIFICATION

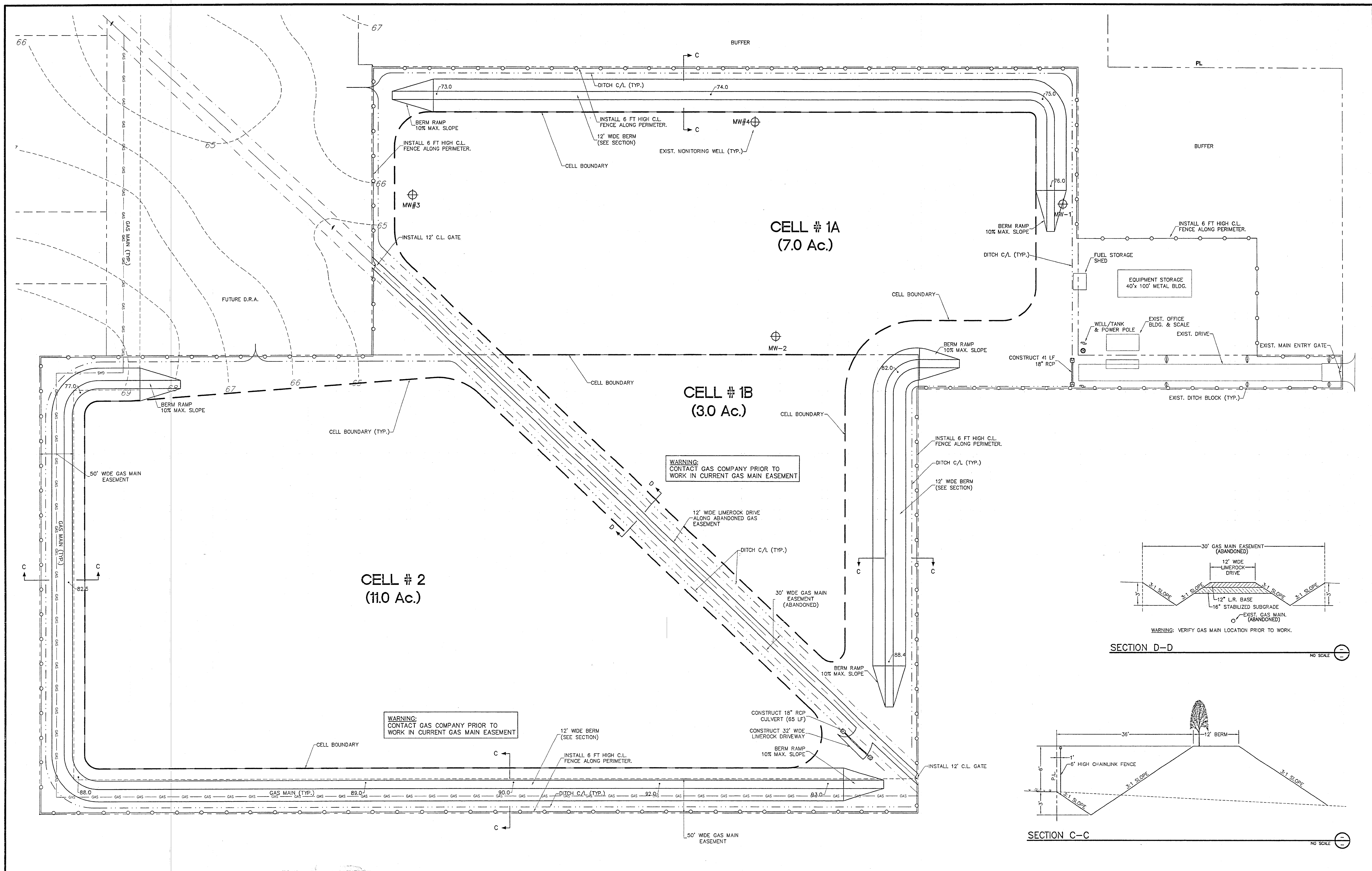
I hereby certify that the drainage facilities specified hereon were designed in accordance with applicable requirements from the City of Ocala, Florida, and that adjacent properties will be protected from stormwater damage as a result of the proposed development, and that I shall submit a plan to the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

Juan C. Guerra
Juan C. Guerra, P.E.
Fl. Reg. No. 0041000
7/13/07


Guerra Development Corp.
Consulting Engineering

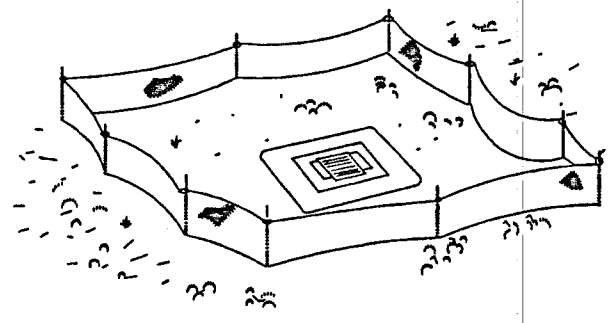


2817 N.E. 3rd Street. Ocala, FL 34470
Ph: 352-629-8060 Fax: 352-629-4379
email: guerracorp@att.net



REVISIONS			Names	Date	SEAL	<div> <div>Guerra Development Corp.</div> <div>Consulting Engineering</div> <div>2817 N.E. 3rd Street, Ocala, FL 34470</div> <div>Ph: 352-629-8060 Fx: 352-629-4379</div> </div>	<div> <div>CLIENT:</div> <div>FRIENDS RECYCLING, LLC</div> </div>	SHEET TITLE:		DRAWING NO.	
Date	By	Description	Checked By	Designed By	Checked By			PROJECT NAME:		JOB NO:	
			JCG,MAG	10-JUL-07	JCG,MAG			SITE LAYOUT & PHASING		0307-DRA	
			JCG,MAG					FRIENDS RECYCLING RENEWAL		0307	
										2 of 4	





Type III Silt Fence Protection Around Ditch Bottom Inlets.

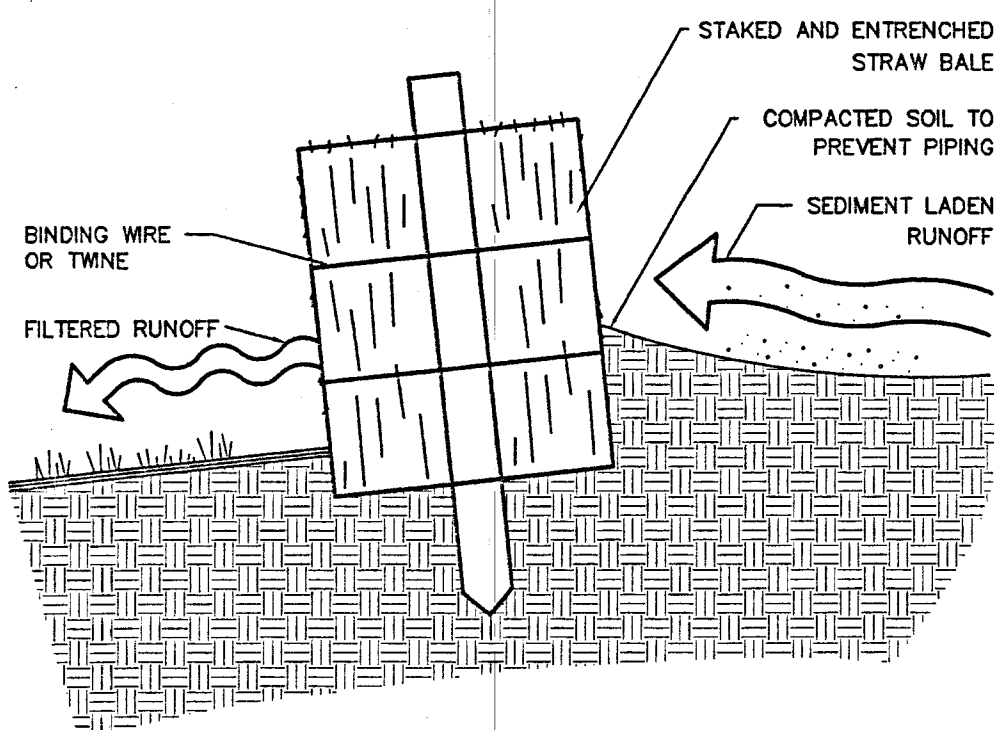
Note: Spacing for Type III Fence to be in accordance with Chart I, Sheet 1 of 3 and ditch installations of drainage structures Sheet 2 of 3.

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.

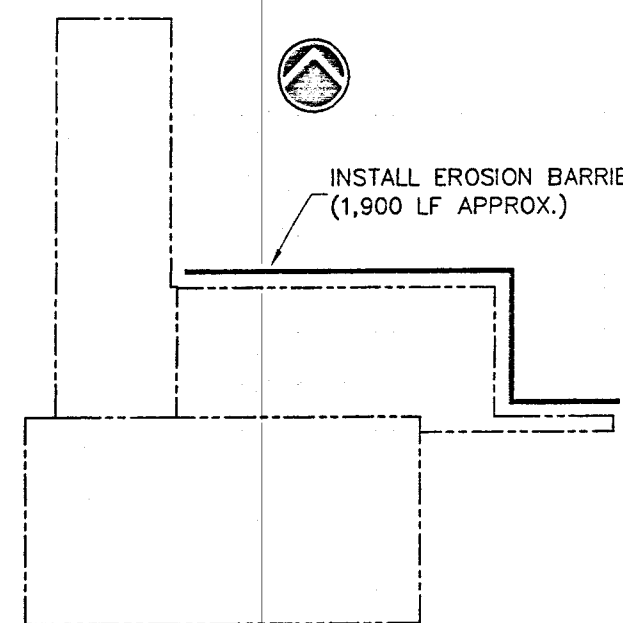
SILT FENCE - FDOT INDEX # 102

NO SCALE



EROSION BARRIER - STRAW BALE

NO SCALE



EROSION CONTROL PLAN

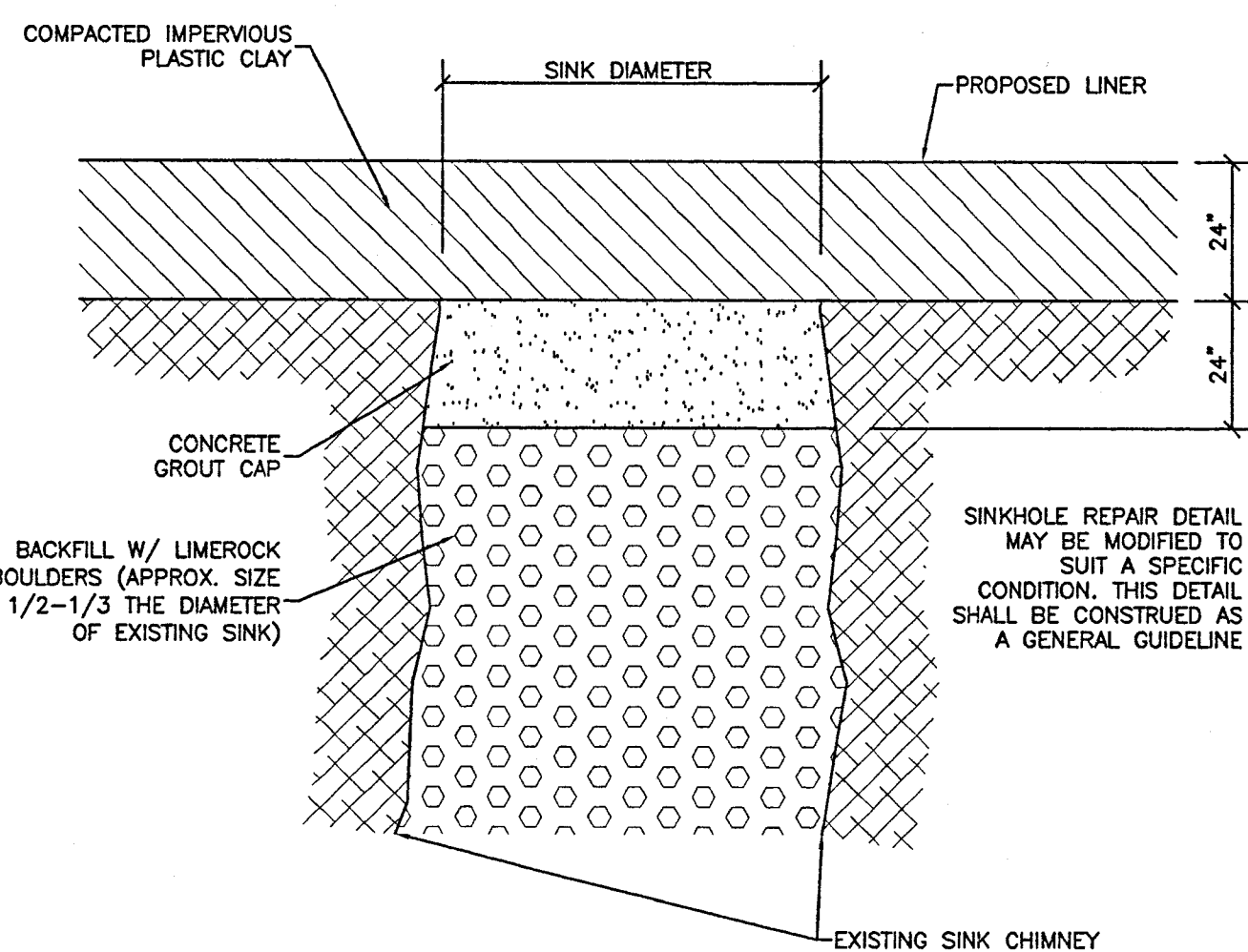
NO SCALE

NOTES:

- 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 OCCURRING OFFSITE UNLESS DITCHES PREVENT OFFSITE RUNOFF.
- STORM DRAINAGE SYSTEM, INCLUDING DRAs SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF THE PROJECT AND IN A DOWNSTREAM - TO - UPSTREAM SEQUENCE.
- 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 ROADWAYS AND DRAs.
- ALL COMPONENTS OF THE STORM WATER CONVEYANCE SYSTEM, INCLUDING INLETS, PIPES, SPILLWAYS, DITCHES, 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.).
- 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.

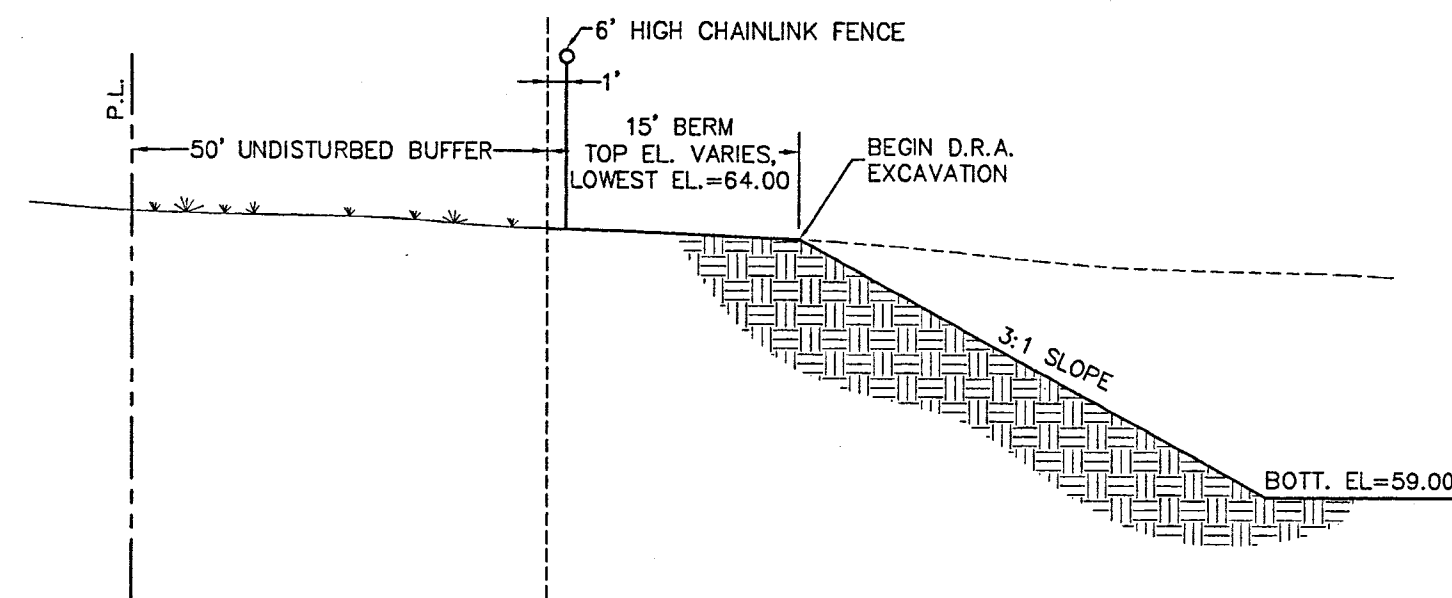
EROSION AND SEDIMENTATION CONTROL

NO SCALE



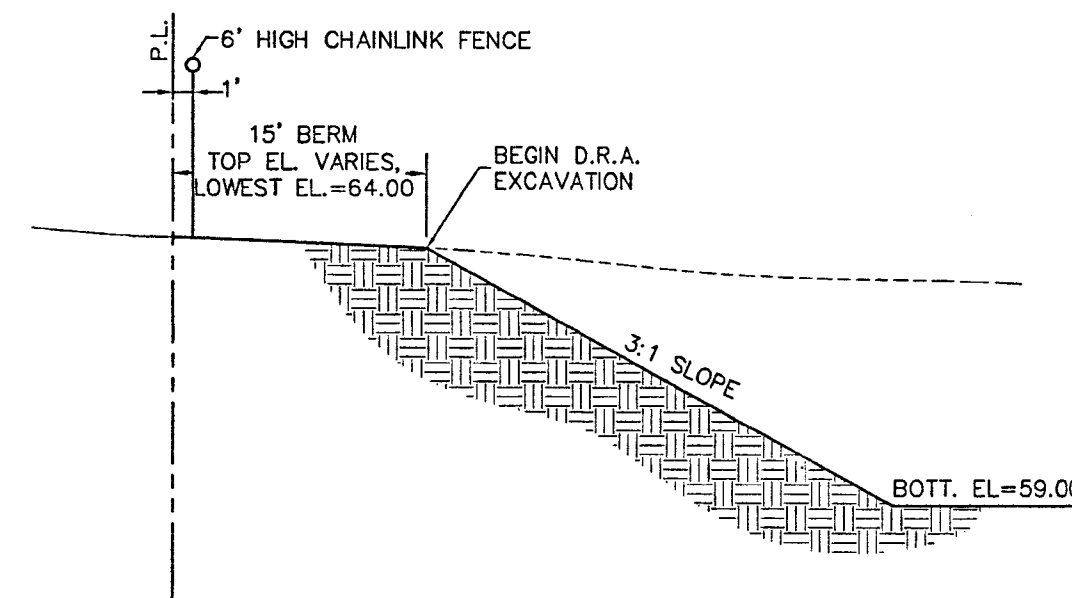
SINKHOLE CHIMNEY REPAIR DETAIL

NO SCALE



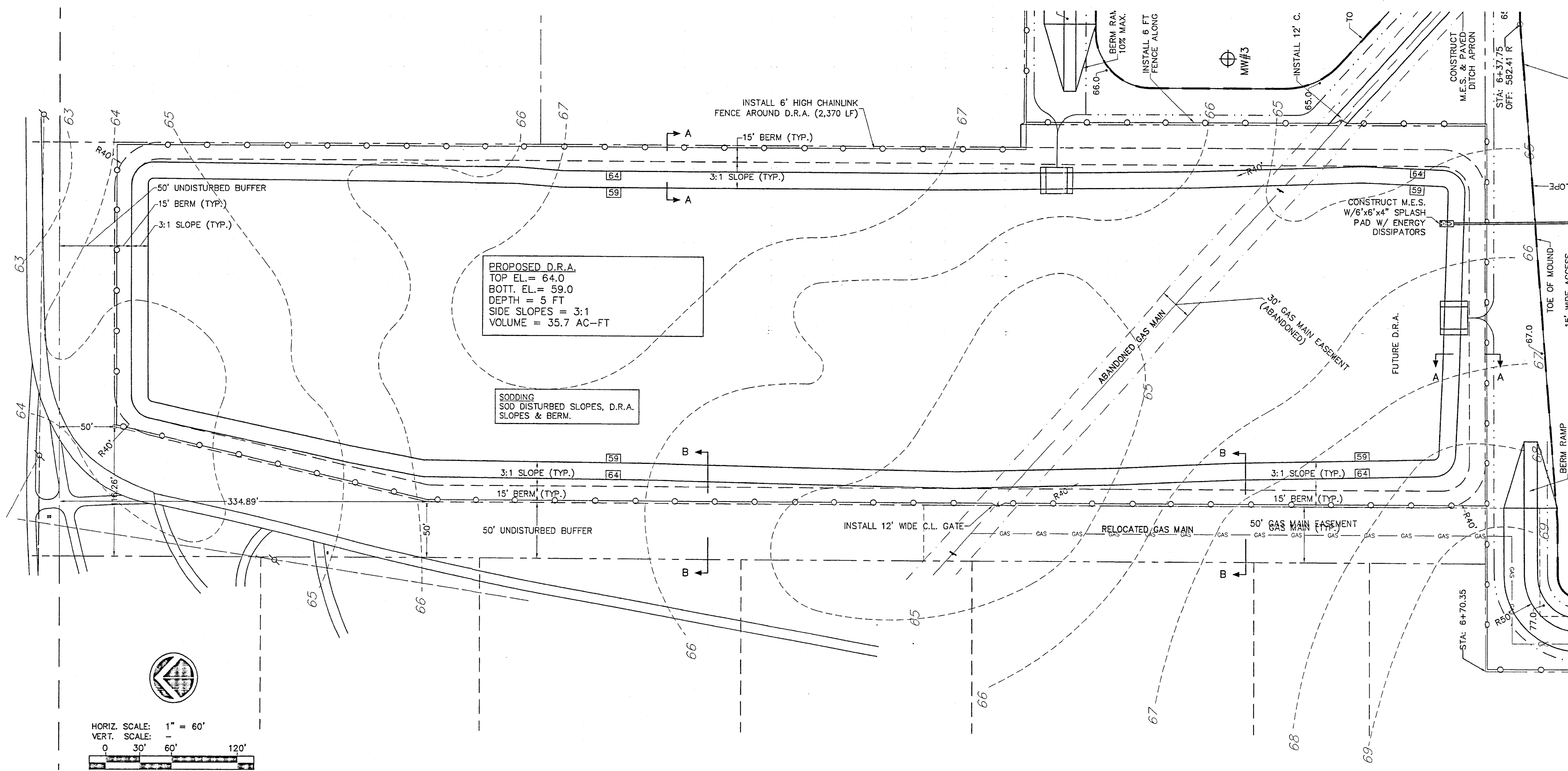
SECTION B-B

NO SCALE

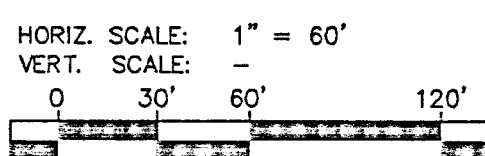


SECTION A-A

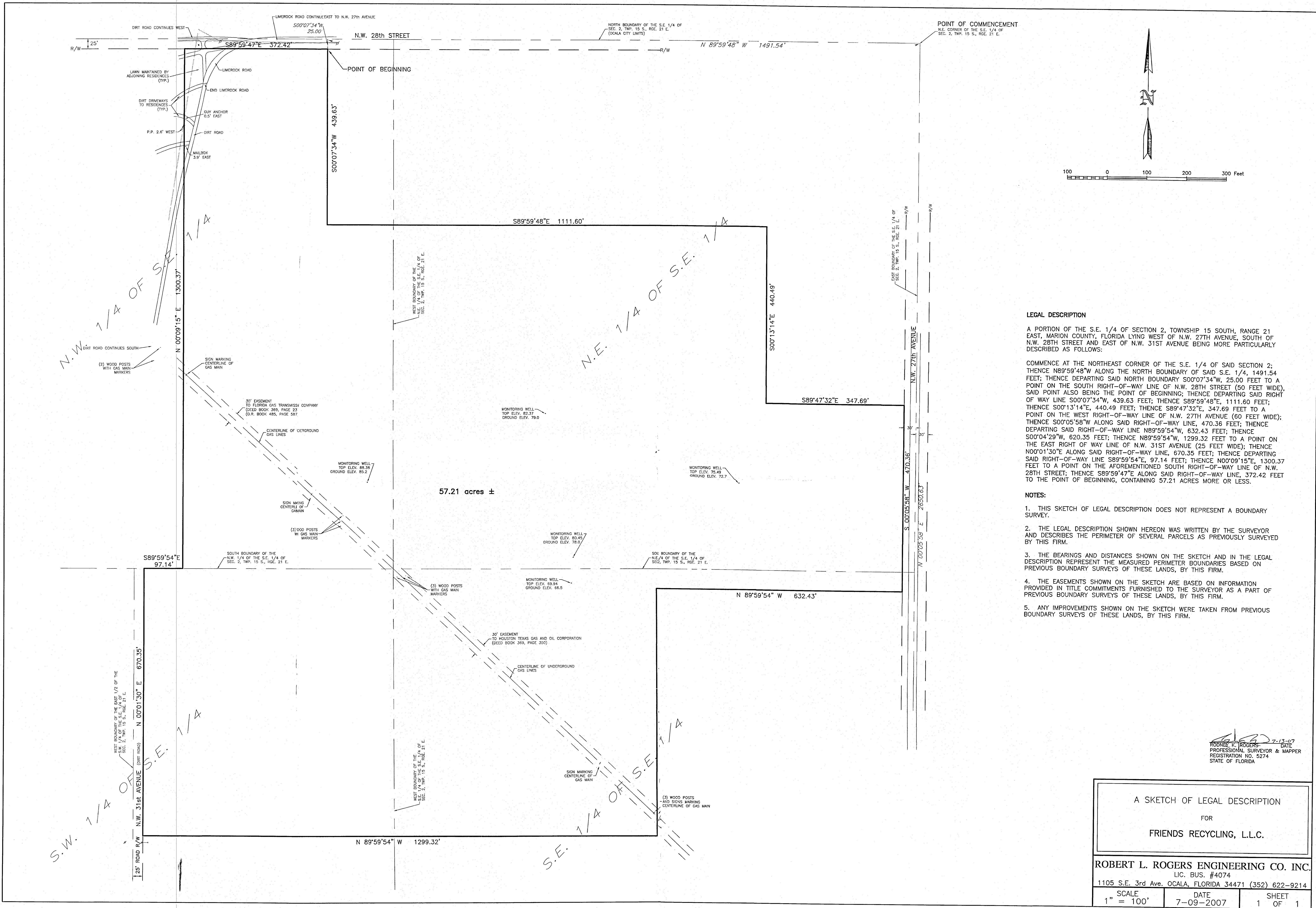
NO SCALE



PROPOSED D.R.A.



REVISIONS				Names	Date	SEAL:		Guerra Development Corp. Consulting Engineering 2817 N.E. 3rd Street, Ocala, FL 34470 Ph: 352-629-8060 Fx: 352-629-4379	CLIENT: FRIENDS RECYCLING RENEWAL	SHEET TITLE: CLOSURE PLAN - D.R.A. & DETAILS	DRAWING NO. 0307-DR A
Date	By	Description	Drawn By	JCG,MAG	10-JUL-07						
			Checked By	MAG,JCG							
			Designed By	JCG,MAG							
			Checked By								
			Approved By								
PROJECT NAME: FRIENDS RECYCLING RENEWAL										JOB NO: 0307	SHEET NO. 4 of 4



LEGAL DESCRIPTION

A PORTION OF THE S.E. 1/4 OF SECTION 2, TOWNSHIP 15 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA LYING WEST OF N.W. 27TH AVENUE, SOUTH OF N.W. 28TH STREET AND EAST OF N.W. 31ST AVENUE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF THE S.E. 1/4 OF SAID SECTION 2; THENCE N89°59'48"W ALONG THE NORTH BOUNDARY OF SAID S.E. 1/4, 1491.54 FEET; THENCE DEPARTING SAID NORTH BOUNDARY S00°07'34"W, 25.00 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF N.W. 28TH STREET (50 FEET WIDE), SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE DEPARTING SAID RIGHT OF WAY LINE S00°07'34"W, 439.63 FEET; THENCE S89°59'48"E, 1111.60 FEET; THENCE S00°13'14"E, 440.49 FEET; THENCE S89°47'32"E, 347.69 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF N.W. 27TH AVENUE (60 FEET WIDE); THENCE S00°05'58"W ALONG SAID RIGHT-OF-WAY LINE, 470.36 FEET; THENCE DEPARTING SAID RIGHT-OF-WAY LINE N89°59'54"W, 632.43 FEET; THENCE S00°04'29"W, 620.35 FEET; THENCE N89°59'54"W, 1299.32 FEET TO A POINT ON THE EAST RIGHT OF WAY LINE OF N.W. 31ST AVENUE (25 FEET WIDE); THENCE N00°01'30"E ALONG SAID RIGHT-OF-WAY LINE, 670.35 FEET; THENCE DEPARTING SAID RIGHT-OF-WAY LINE S89°59'54"E, 97.14 FEET; THENCE N00°09'15"E, 1300.37 FEET TO A POINT ON THE AFOREMENTIONED SOUTH RIGHT-OF-WAY LINE OF N.W. 28TH STREET; THENCE S89°59'47"E ALONG SAID RIGHT-OF-WAY LINE, 372.42 FEET TO THE POINT OF BEGINNING, CONTAINING 57.21 ACRES MORE OR LESS.

NOTES:

1. THIS SKETCH OF LEGAL DESCRIPTION DOES NOT REPRESENT A BOUNDARY SURVEY.
2. THE LEGAL DESCRIPTION SHOWN HEREON WAS WRITTEN BY THE SURVEYOR AND DESCRIBES THE PERIMETER OF SEVERAL PARCELS AS PREVIOUSLY SURVEYED BY THIS FIRM.
3. THE BEARINGS AND DISTANCES SHOWN ON THE SKETCH AND IN THE LEGAL DESCRIPTION REPRESENT THE MEASURED PERIMETER BOUNDARIES BASED ON PREVIOUS BOUNDARY SURVEYS OF THESE LANDS, BY THIS FIRM.
4. THE EASEMENTS SHOWN ON THE SKETCH ARE BASED ON INFORMATION PROVIDED IN TITLE COMMITMENTS FURNISHED TO THE SURVEYOR AS A PART OF PREVIOUS BOUNDARY SURVEYS OF THESE LANDS, BY THIS FIRM.
5. ANY IMPROVEMENTS SHOWN ON THE SKETCH WERE TAKEN FROM PREVIOUS BOUNDARY SURVEYS OF THESE LANDS, BY THIS FIRM.

7-13-07
ROBERT L. ROGERS
PROFESSIONAL SURVEYOR & MAPPER
REGISTRATION NO. 5274
STATE OF FLORIDA

A SKETCH OF LEGAL DESCRIPTION

FOR

FRIENDS RECYCLING, L.L.C.

ROBERT L. ROGERS ENGINEERING CO. INC.

LIC. BUS. #4074

1105 S.E. 3rd Ave. OCALA, FLORIDA 34471 (352) 622-9214

SCALE	DATE	SHEET
1" = 100'	7-09-2007	1 OF 1