

LEVY COUNTY SAND PIT KNIGHT FARM LEVY COUNTY, FLORIDA

COVER SHEET

C0.00

Project:

Sheet title:

Project phase:

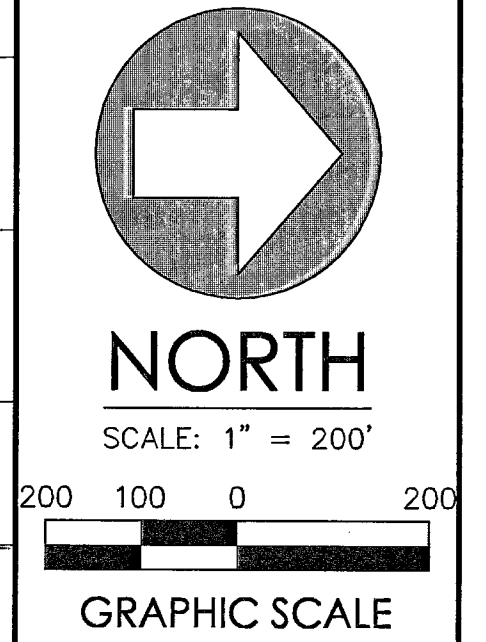
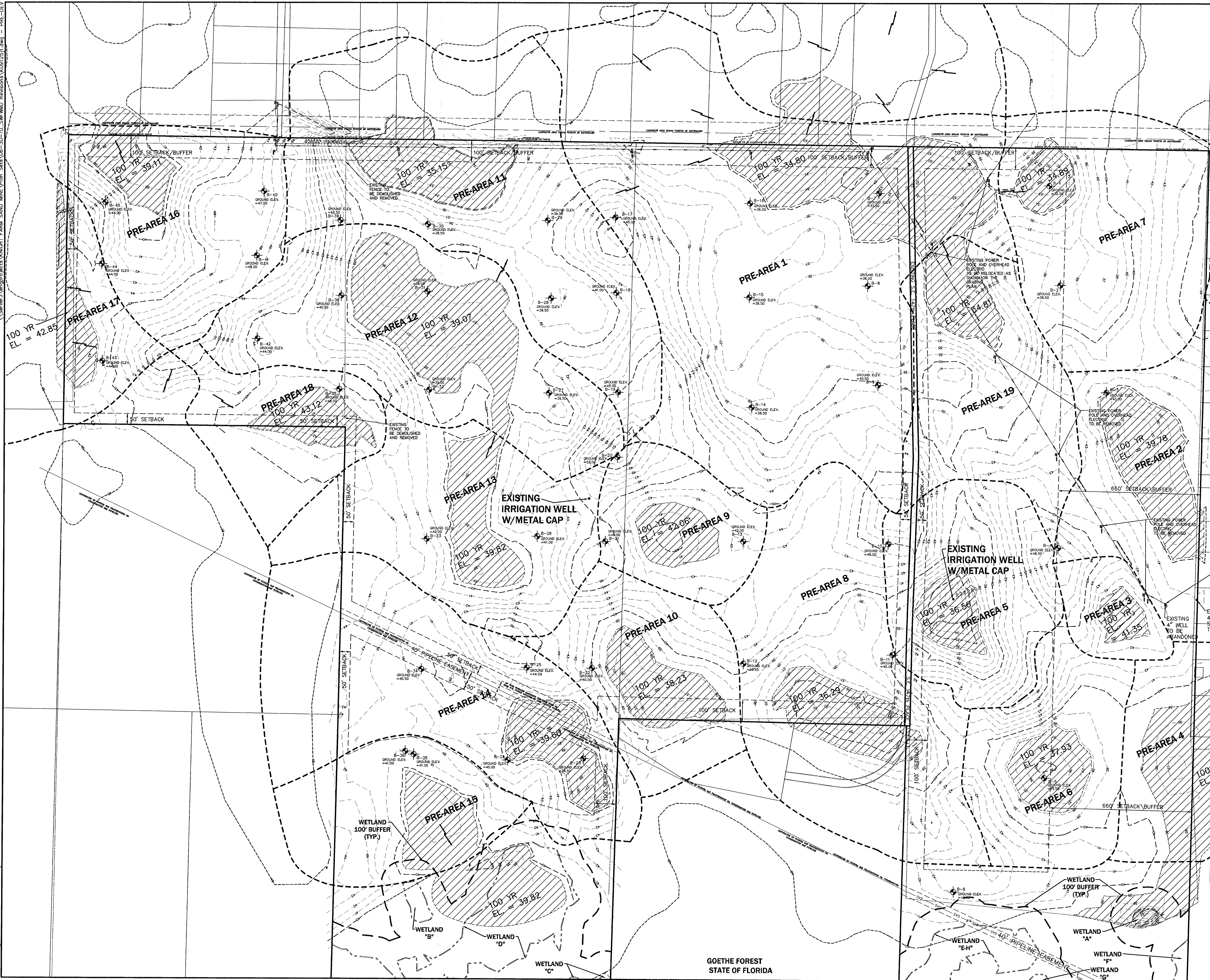
Sheet No.:

Revisions:

No.	Date	Revisions PER SWM COMMENTS	Comment
1	02/12/10		

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
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TEL (352) 373-3541 FAX (352) 373-7249
E-MAIL: DENMAN@DENMANINC.COM

Plotted Aug 16, 2010 - 11:15:03 - Joyce Rocks
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LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA
PRE-DEVELOPMENT CONDITIONS



GOETHE FOREST STATE OF FLORIDA LEGEND	
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE
	PRE-DRAINAGE AREAS
	EXISTING WETLAND LIMITS
	EXISTING 100' WETLAND BUFFER
	INUNDATED AREAS

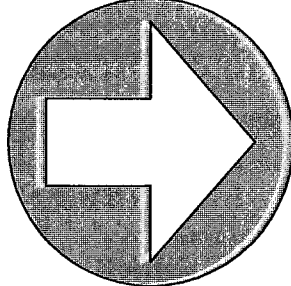


Project phase:	Designed: CSV	Drawn: JWR	Project No. 09-103	Client: Knight Farm
Sheet No.:	C1.00			
Sheet title:	PRE-DEVELOPMENT CONDITIONS			
Professional Engineer of Record:	Clausius, Wayne E. E. No. 51537			
Engineer:	Clausius, Wayne E. E. No. 51537			

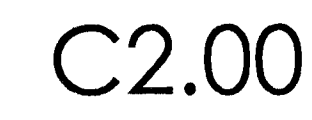
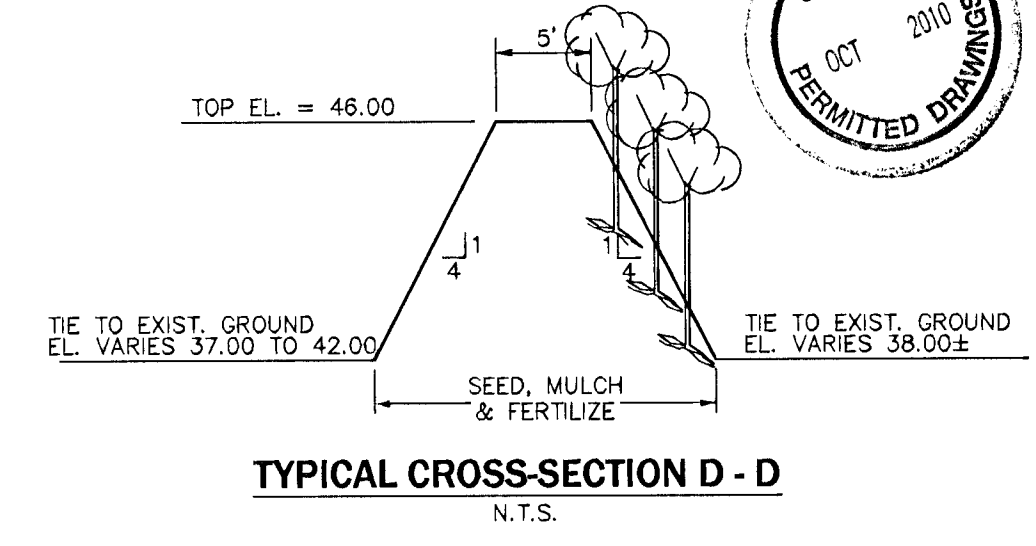
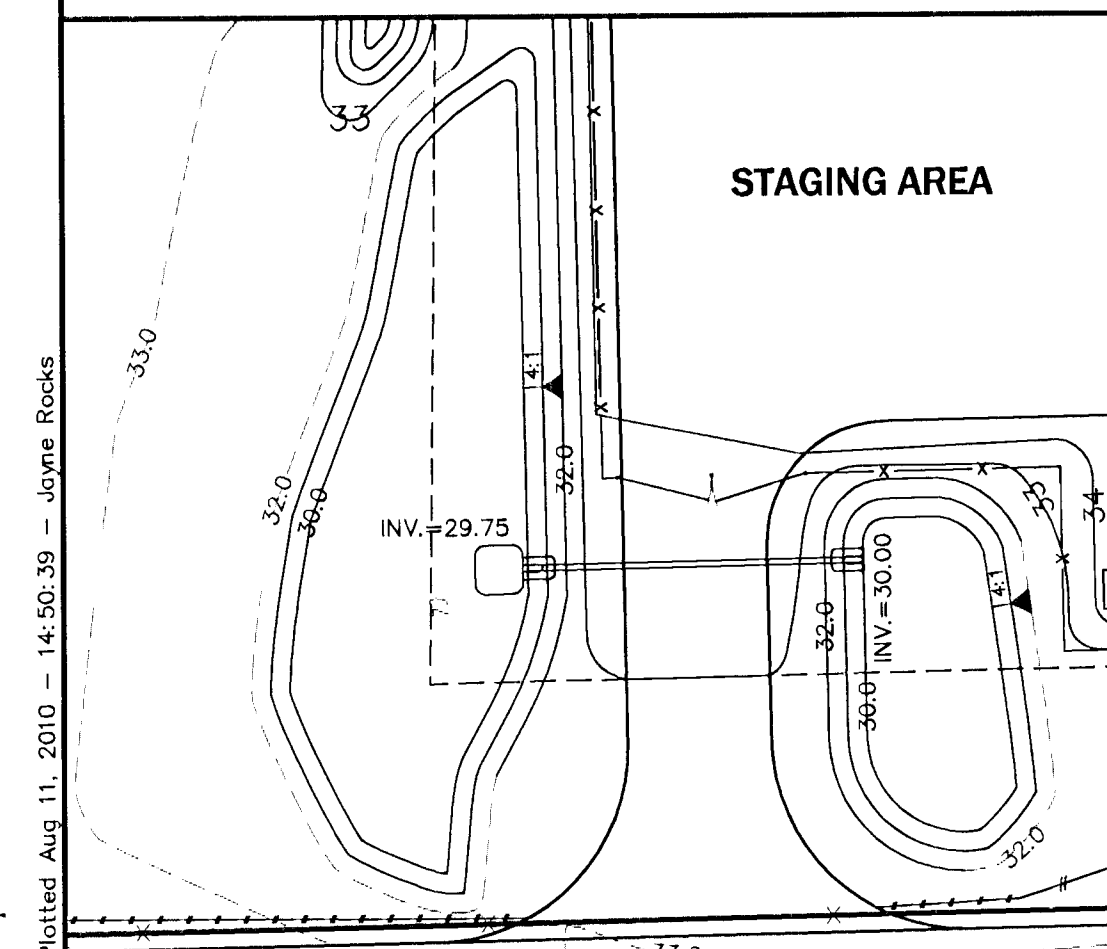
Revisions	Per SWFMD Comments	Date	No.	Comment
1	02/12/10			

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Plotted Aug 18, 2010 - 08:36:03 - Joanne Rocks

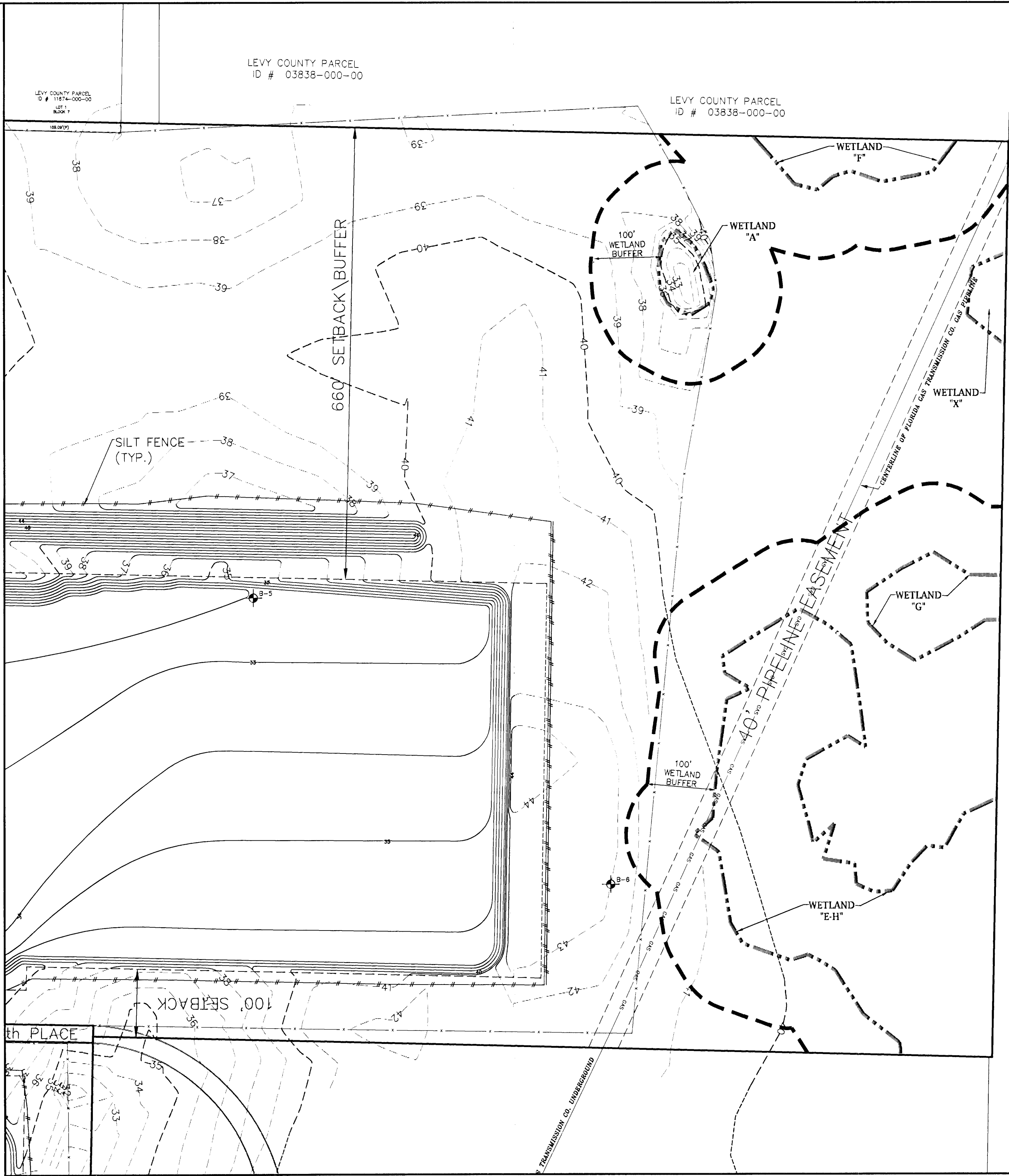


 NORTH SCALE: 1" = 200'	
 GRAPHIC SCALE	
 ENG. DENMAN & ASSOCIATES, INC. ENGINEERS - SURVEYORS - PLANNERS 2404 N.W. 40th ST. GAINESVILLE, FLORIDA 32609-4402 TEL: (352) 375-3341 FAX: (352) 375-7249 E-MAIL: DENMAN@EDAFLA.COM	
LEVY COUNTY SAND PIT KNIGHT FARM LEVY COUNTY, FLORIDA	
POST-DEVELOPMENT CONDITIONS FOR BACKFILL	
Project: JVR Designed by: JVR Project No.: 06-10-10 Professional Engineer of Record: Claudio J. Velez Professional Engineer License No.: 51532 Engineer Seal No.: 51532	Sheet No.: C1.11



Plotted Aug 11, 2010 - 14:50:39 - Jayne Rocks

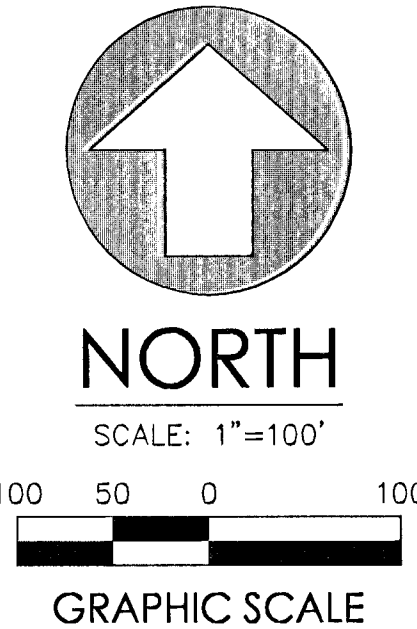
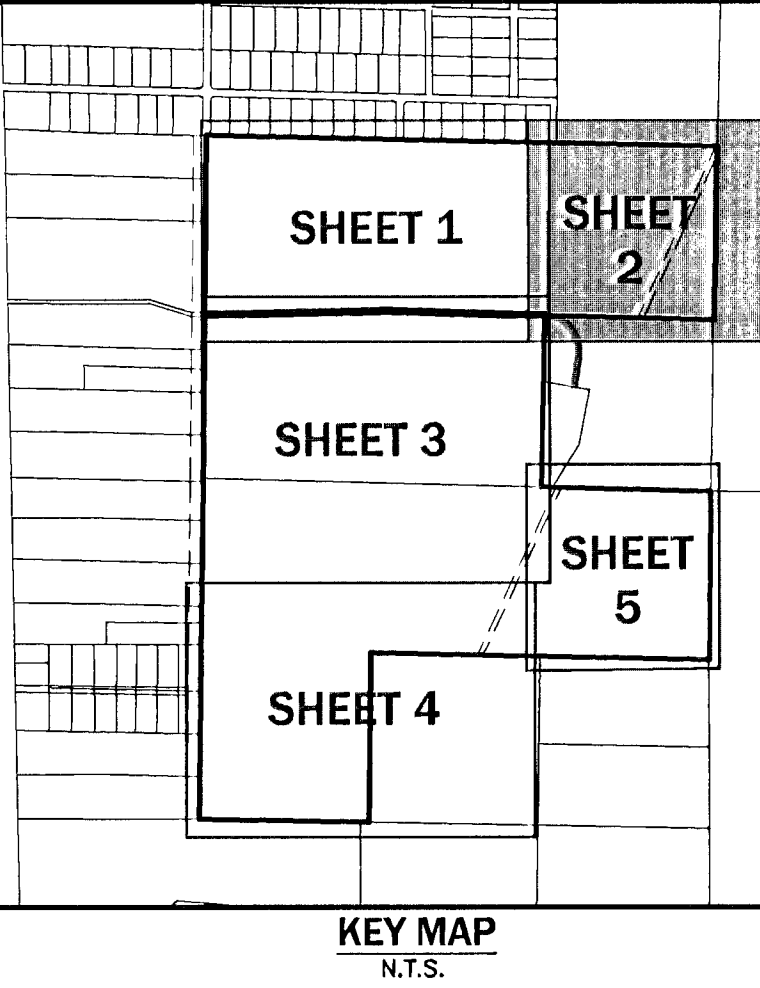
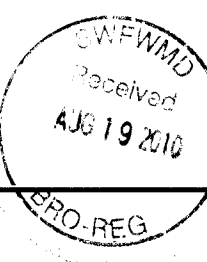
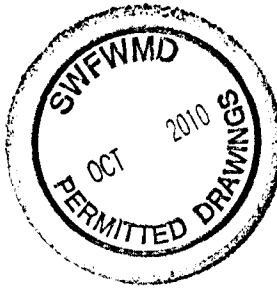
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LEVY COUNTY PARCEL
ID # 03837-000-00

LEVY COUNTY PARCEL
ID # 03837-000-00

LEGEND	
	PROPOSED SILT FENCE
	BORING LOCATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE
	EXISTING WETLAND LIMITS
	EXISTING 100' WETLAND BUFFER



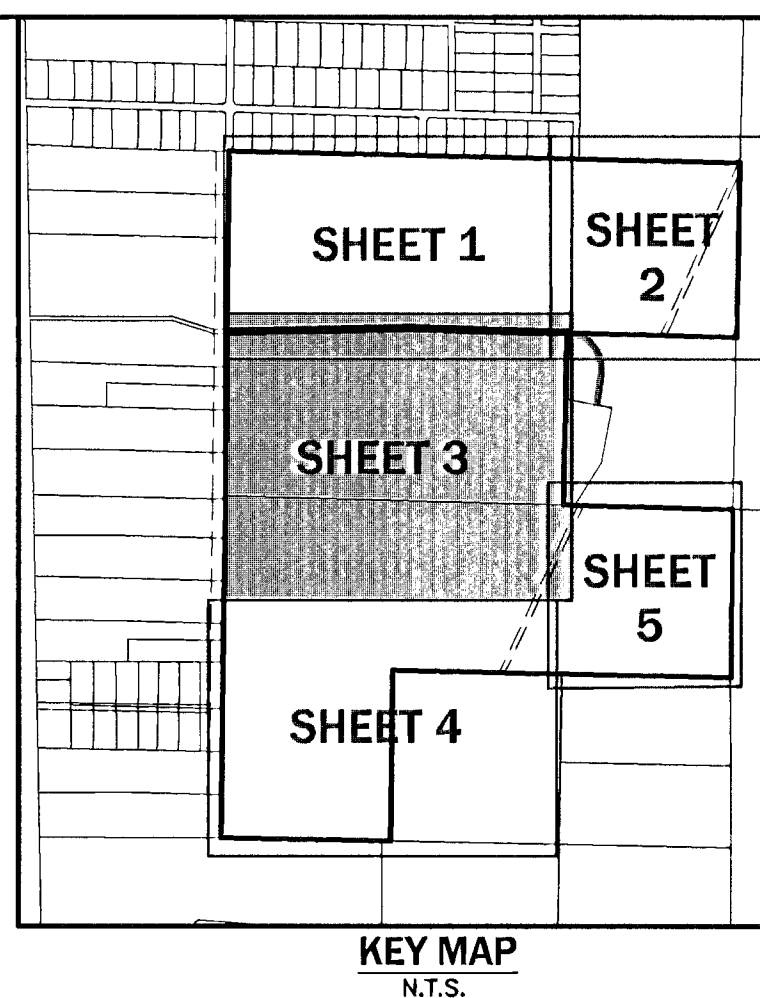
KNIGHT FARM SAND MINE
LEVY COUNTY, FLORIDA

GRADING PLAN
SHEET 2 of 5
FOR EXCAVATION

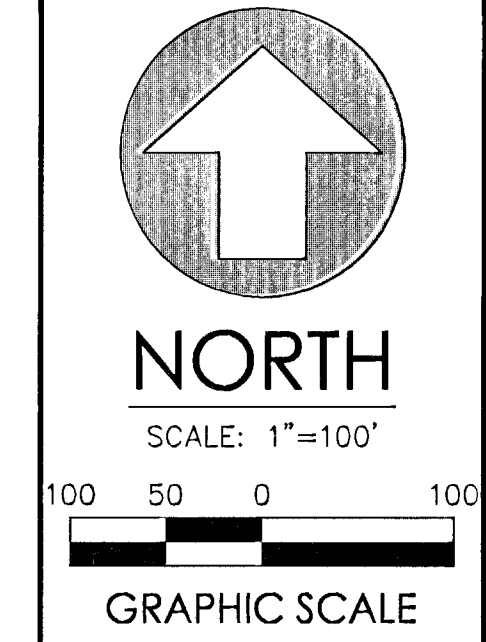
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Designed: J. W. R.	Project No. 06-30-10	Professional Engineer of Record: J. W. R.
Checked: J. W. R.	Project No. 06-30-10	Professional Engineer of Record: J. W. R.
Drawn: J. W. R.	Project No. 06-30-10	Professional Engineer of Record: J. W. R.
Engineer: J. W. R.	Project No. 06-30-10	Professional Engineer of Record: J. W. R.

C2.01

Plotted Aug 11, 2010 - 14:50:39 - Jovite Rocks
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No.	Date	Comment
1	02/12/10	REVISIONS PER SWFMD COMMENTS



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FAX: (352) 336-7749

LEGEND	
	PROPOSED SILT FENCE
	BORING LOCATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE

TYPICAL CROSS-SECTION E-E
N.T.S.

Project: KNIGHT FARM SAND MINE LEVY COUNTY, FLORIDA		Sheet Title: GRADING PLAN SHEET 3 of 5 FOR EXCAVATION
Project phase:	Design: CSK Drawn: JVR Project No.: 08-1210-0008 Date: 08-11-2010 Professional Engineer's Record: Signature: [Signature] Date: 8/18/10 Claude S. Vega, P.E. Professional Engineer's License No. 51532 Exp. Date: 12/31/11	
Sheet No.: C2.02		

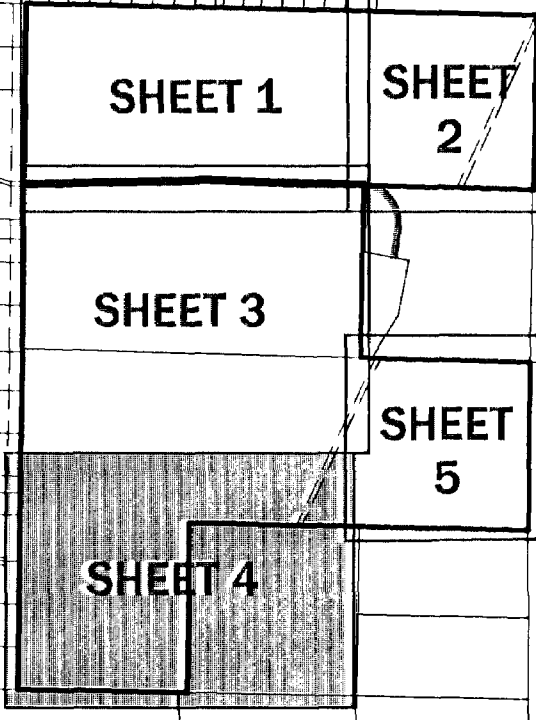
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LEGEND	
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	BORING LOCATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE

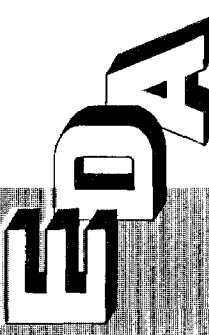
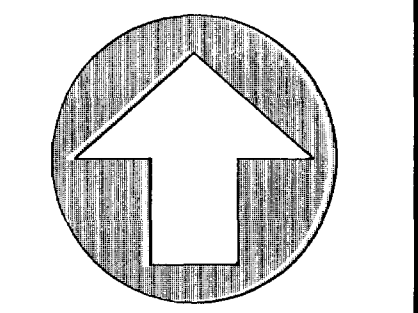


KEY MAP
N.T.S.



KNIGHT FARM SAND MINE
LEVY COUNTY, FLORIDA

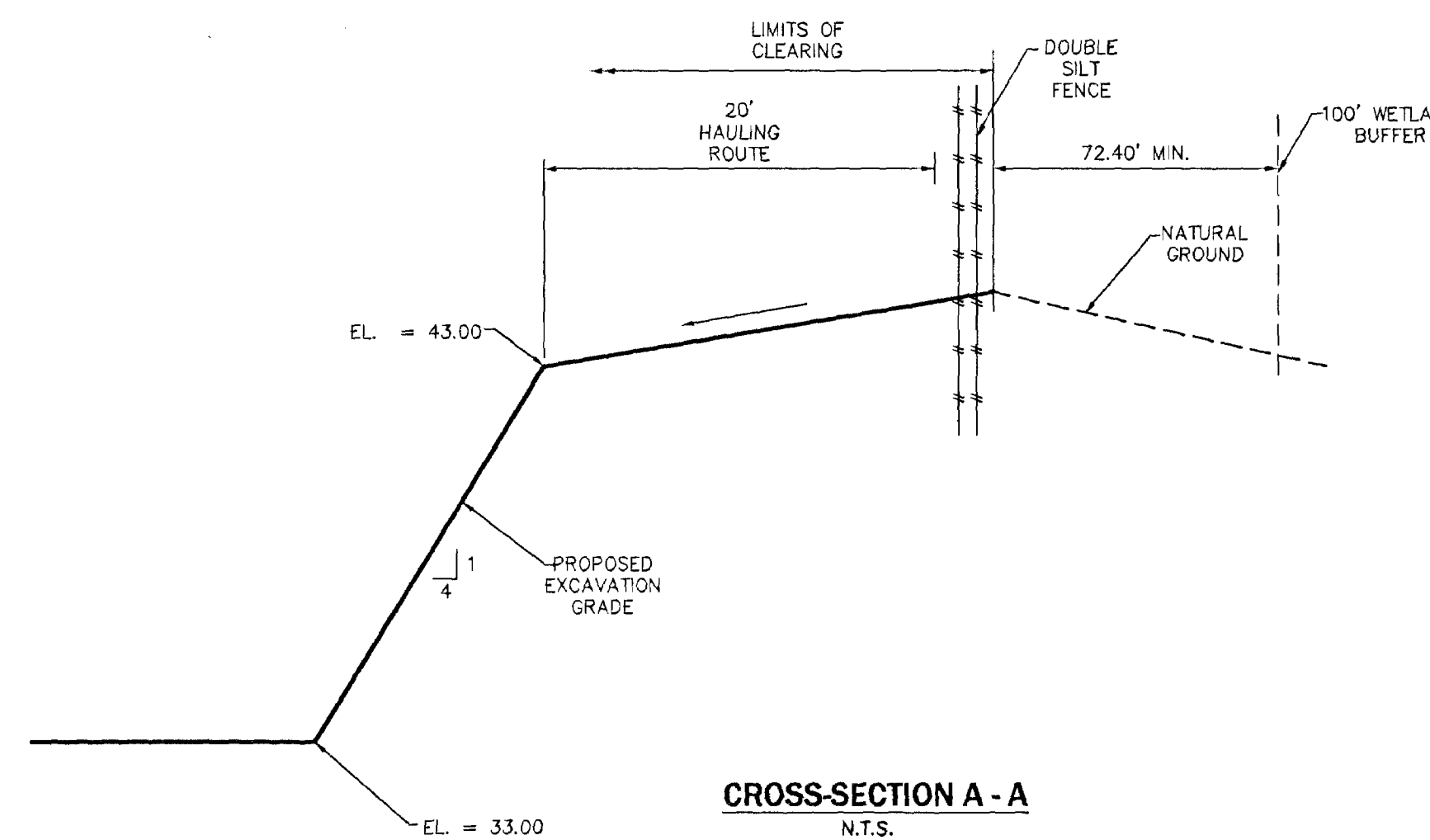
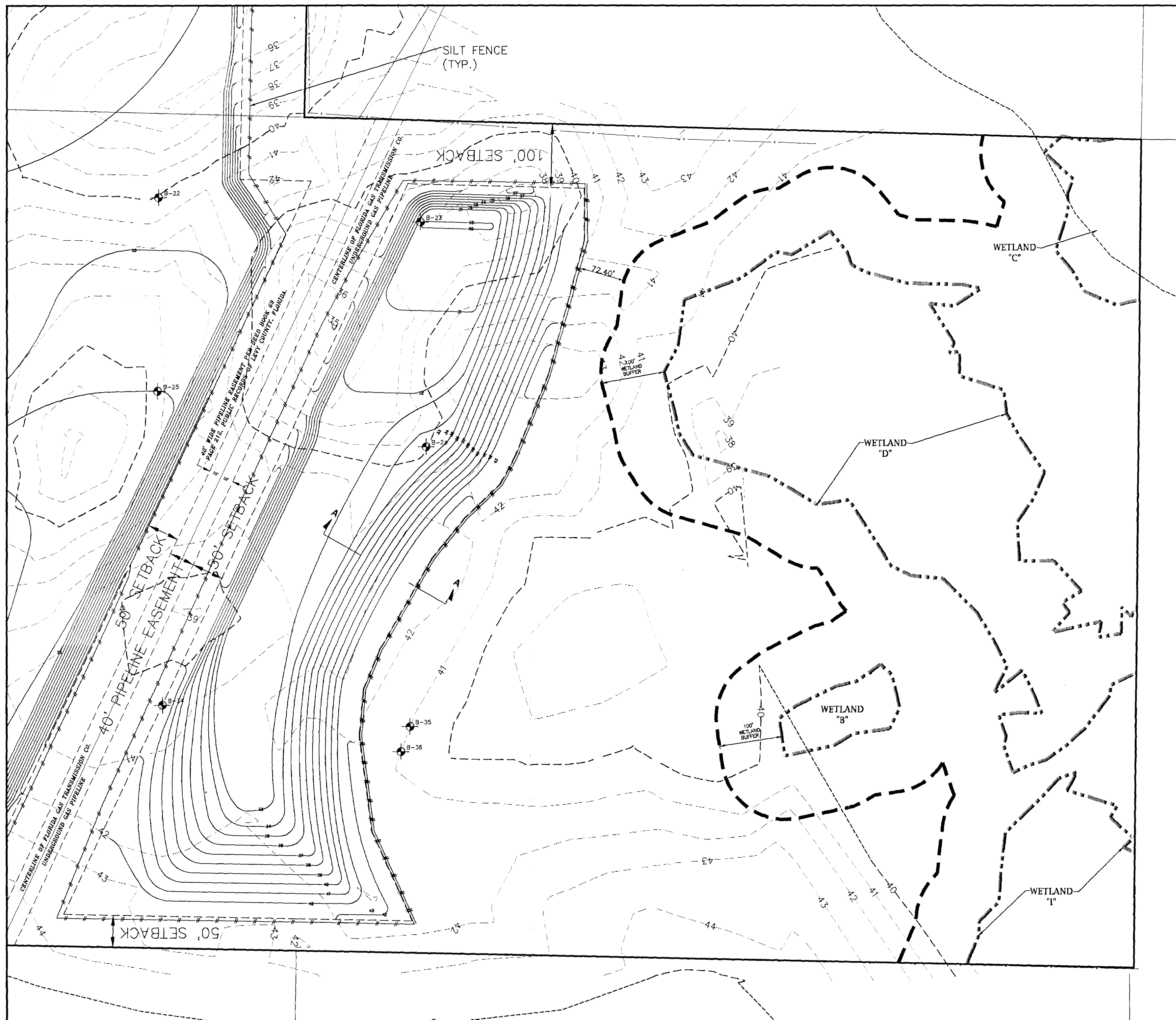
GRADING PLAN
SHEET 4 OF 5
FOR EXCAVATION



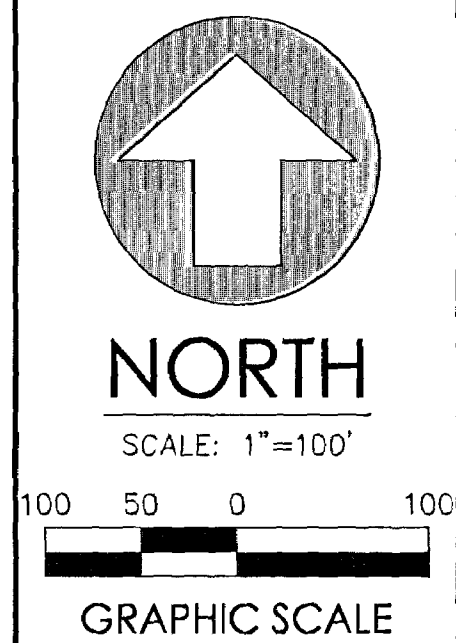
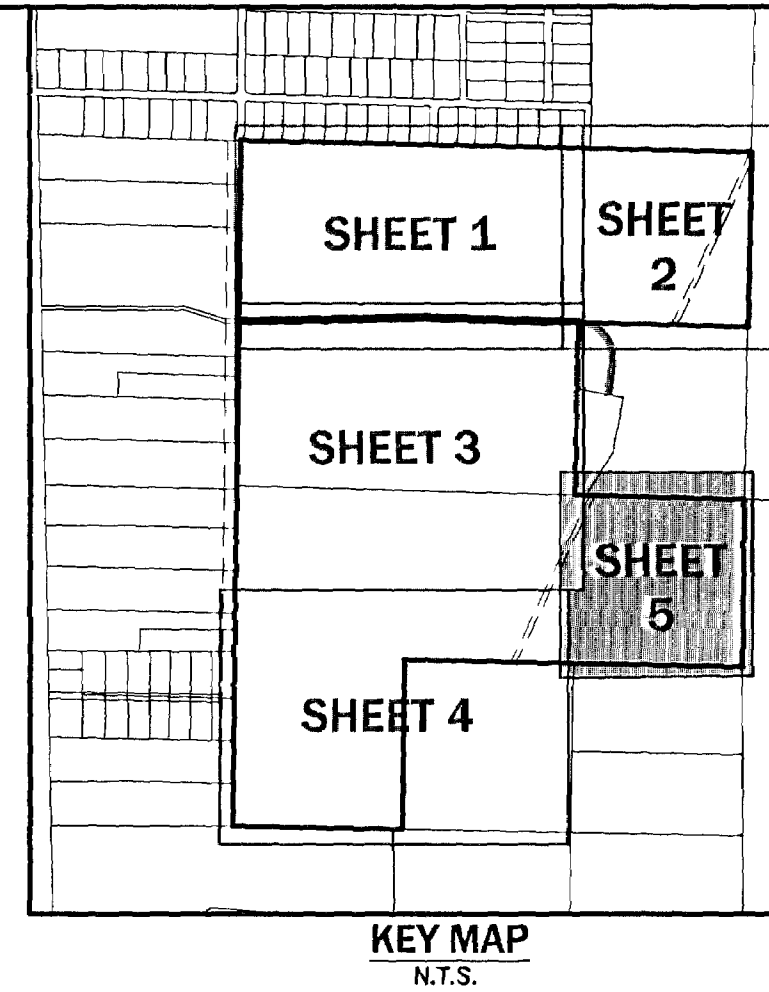
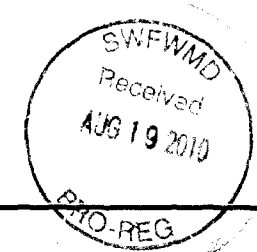
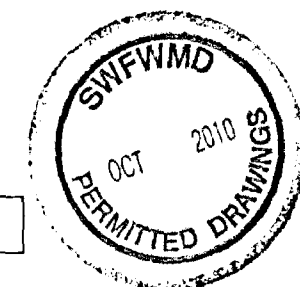
ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
2404 NW 40th St. CANALVILLE, FLORIDA 32909-0002
Tel: 1-888-444-4444
Fax: 1-888-444-4444

Project:	Sheet No.:
Designed: JWR	Checked: JWR
Project No. 06-30-10	Project No. 06-30-10
Revision: 01	Revision: 01
Professional Engineer's Seal:	Professional Engineer's Seal:
Claudio Vega P.E.	Claudio Vega P.E.
Engineer's License No. 151532	Engineer's License No. 151532

C2.03



LEGEND	
	PROPOSED SILT FENCE
	BORING LOCATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE
	EXISTING WETLAND LIMITS
	EXISTING 100' WETLAND BUFFER

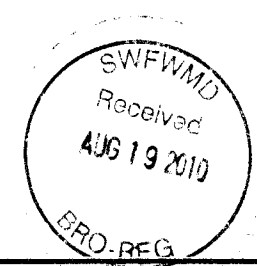
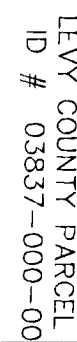


Project: KNIGHT FARM SAND MINE
LEVY COUNTY, FLORIDA

Sheet title: GRADING PLAN
SHEET 5 of 5
FOR EXCAVATION

Project phase:	Designed: JWR	Project No: 208-125	Project Date: 08/05/2009
Sheet No:	Professional Engineer of Record: CLAUDE A. WEAVER, P.E.	Professional Engineer License No: 15151	Professional Engineer Seal No: 15151

Sheet No: C2.04



KNIGHT FARM SAND MINE
LEVY COUNTY, FLORIDA

GRADING PLAN
SHEET 2 of 5
FOR BACKFILL

Project phase:	Project:
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Sheet title:

Professional Engineer of Record: *Claudia's Mega-RE*
 51532
 Certificate No. 51532

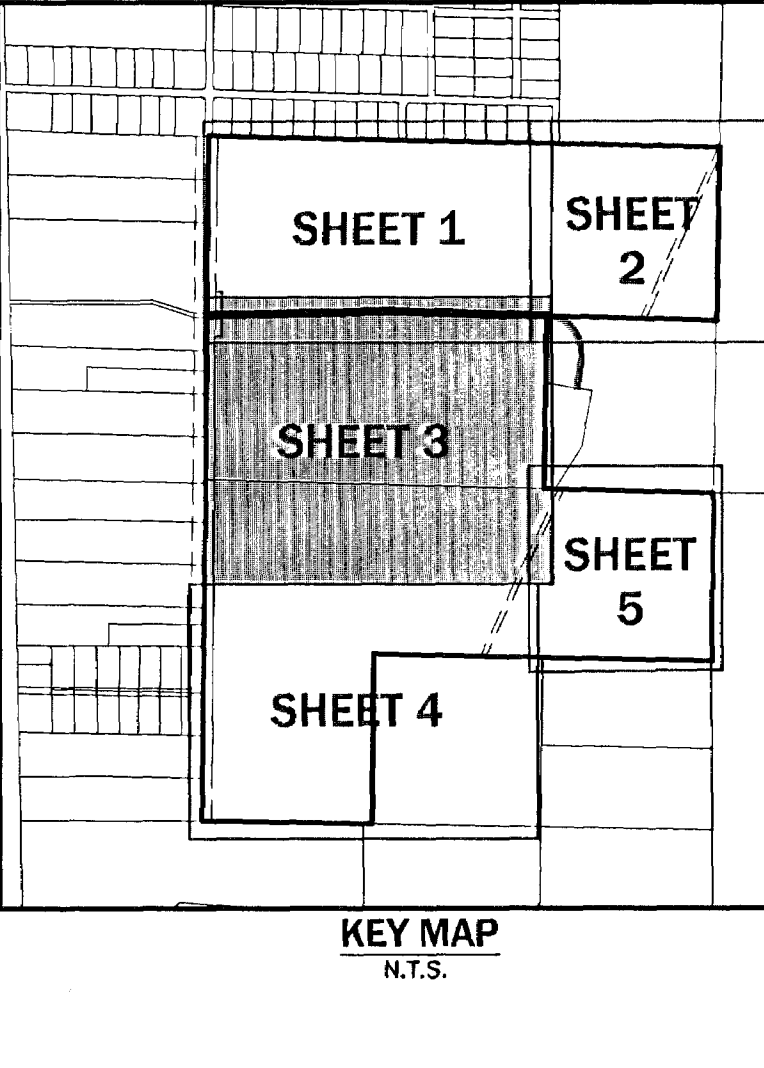
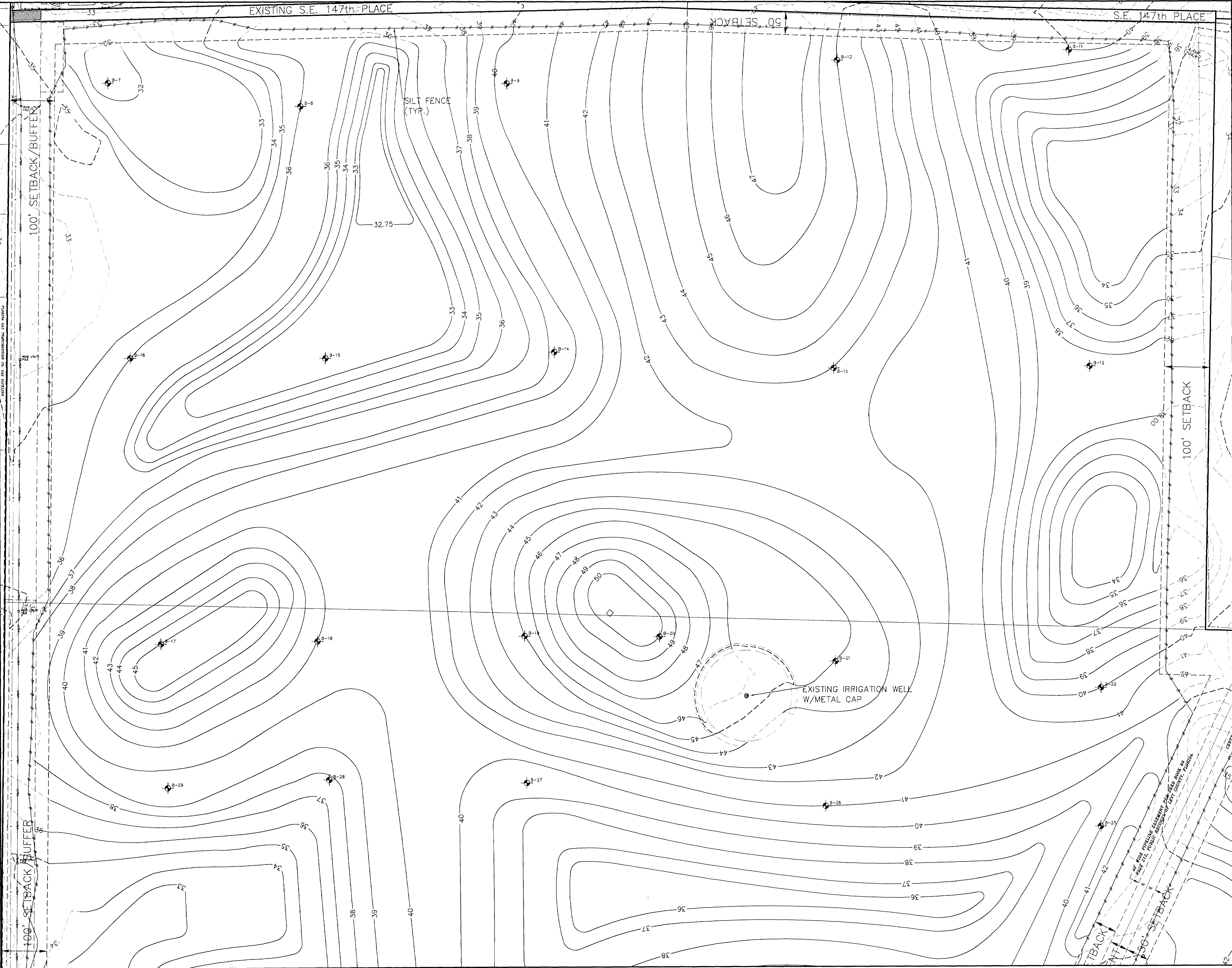
Engineer: Mr. Mega-42 Certificate No. 51532

No.	Date	Comm
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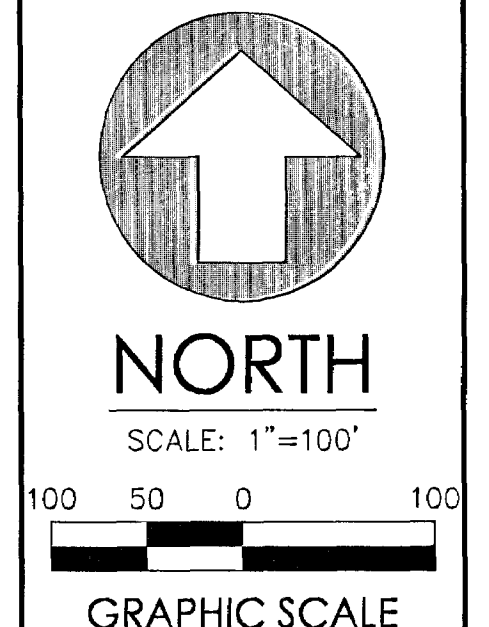
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Plotted Aug 19, 2010 - 08:36:03 - Javne Rocks
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No.	Date	REVISIONS PER SWFMD COMMENTS	Comment
1	02/12/10		



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FAX: (954) 375-7249
E: denman@denman.com

KNIGHT FARM SAND MINE
LEVY COUNTY, FLORIDA

GRADING PLAN
SHEET 3 of 5
FOR BACKFILL

LEGEND

- SILT FENCE
- BORING LOCATION
- PROPOSED CONTOUR ELEVATION
- EXISTING CONTOUR ELEVATION
- EXISTING FENCE

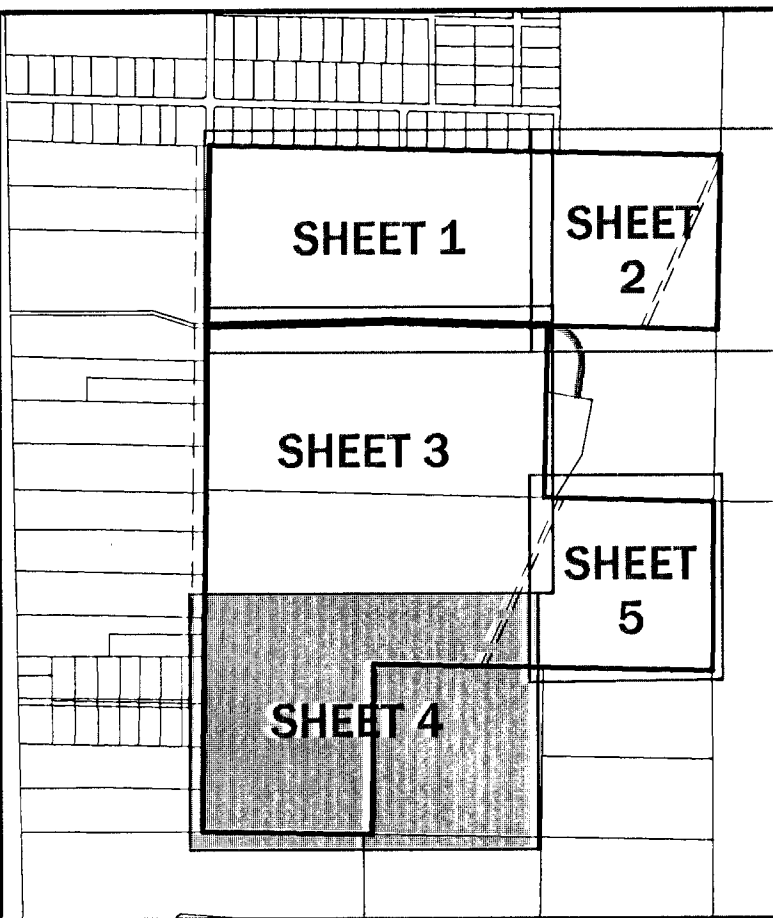
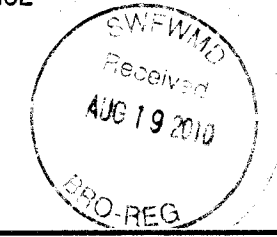
Project phases:
Designed: CS/ADD/DA
Project No: 061251
Professional Engineer's Report:
Date: 8/19/10
Claudio Vega T.E.
Engineer I.D.A. Certificate No. 5532

Sheet No.:
C2.07

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LEGEND	
	SILT FENCE
	BORING LOCATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE

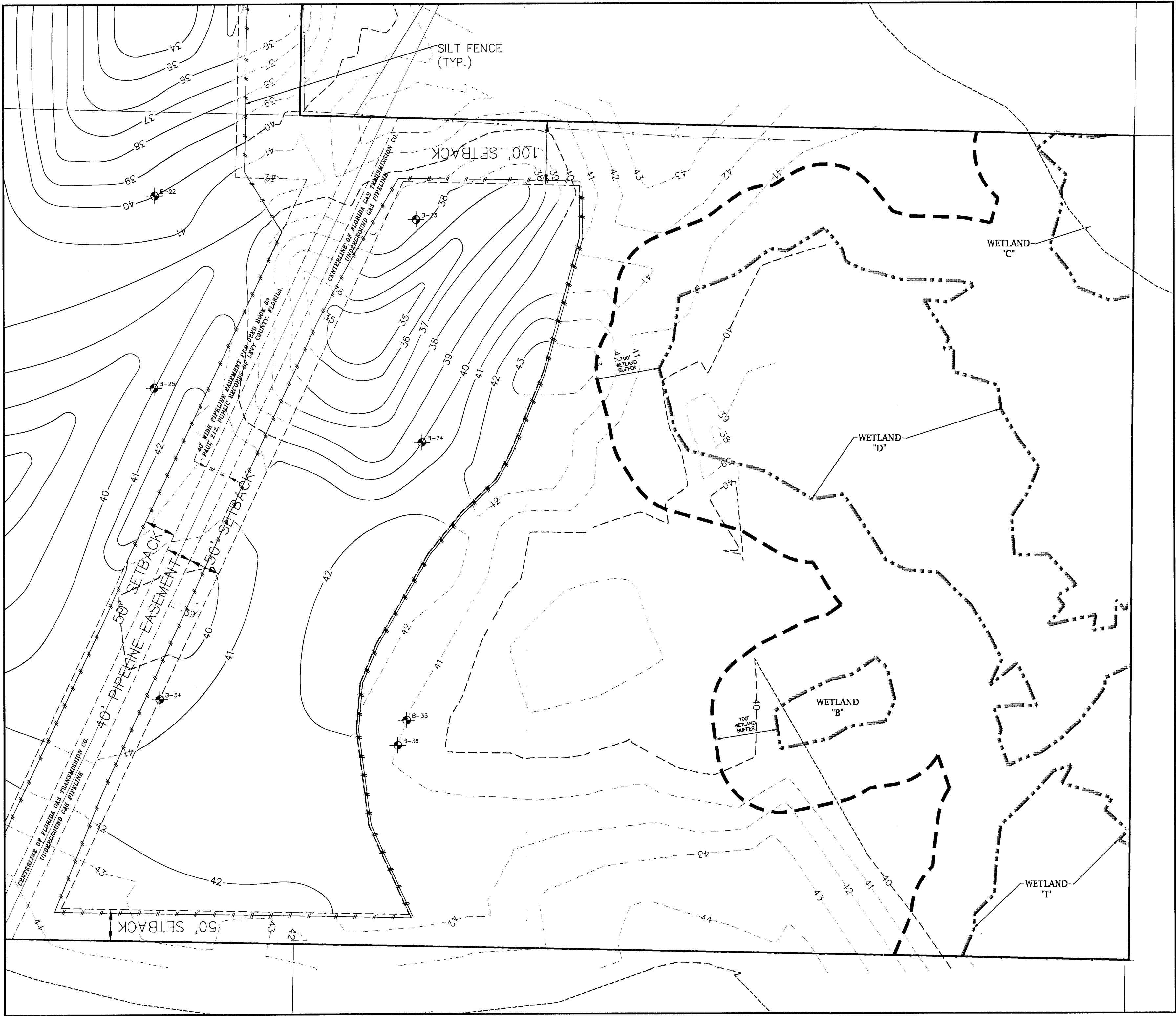


Project: KNIGHT FARM SAND MINE LEVY COUNTY, FLORIDA		Sheet title: GRADING PLAN SHEET 4 of 5 FOR BACKFILL	
Project phase:	Designed: JVR Checked: JVR Project No: 09-035 Date: 08-10-2009	Reviewed: JVR Checked: JVR Project No: 09-035 Date: 08-10-2009	Engineer: JVR Certificate No: 51532
No. 1		Date: 02/12/10	REVISIONS PER SWFWD COMMENTS
Comment:			

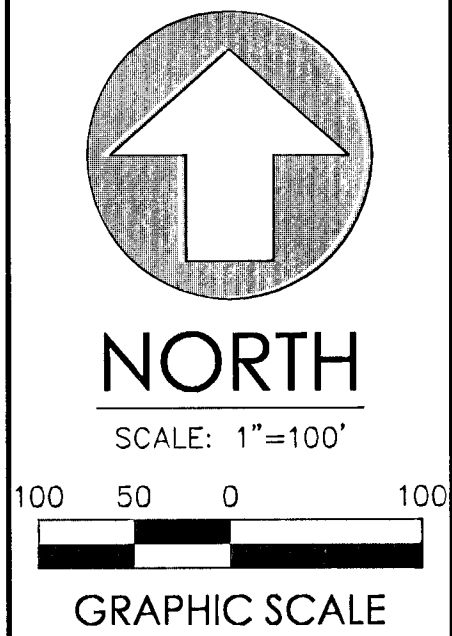
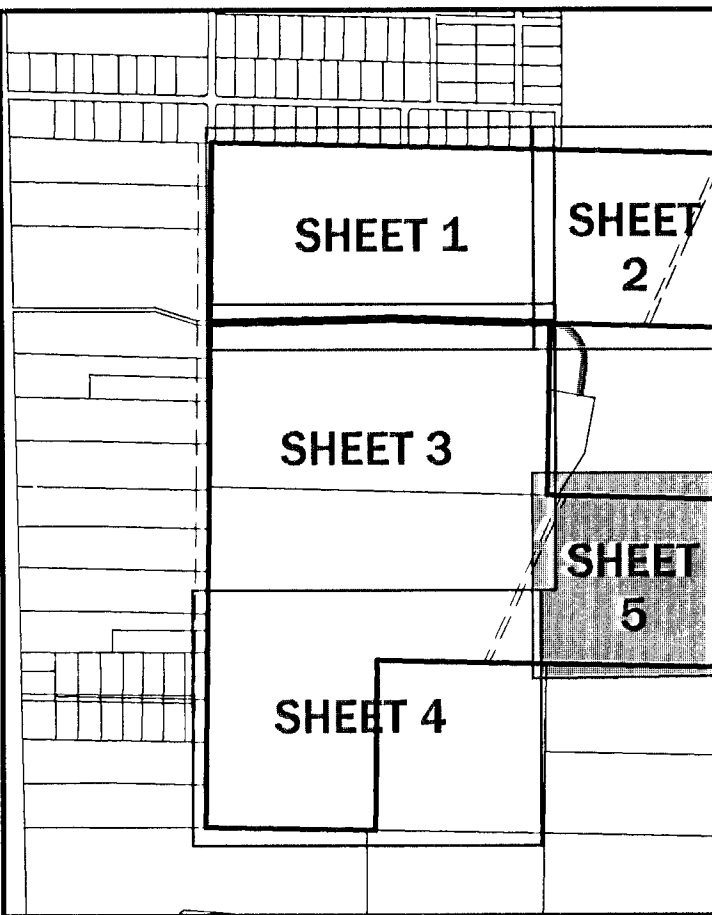
NORTH
SCALE: 1"=100'

GRAPHIC SCALE

ENG. DENMAN & ASSOCIATES, INC.
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LEGEND	
	SILT FENCE
	BORING LOCATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE
	EXISTING WETLAND LIMITS
	EXISTING 100' WETLAND BUFFER



KNIGHT FARM SAND MINE
LEVY COUNTY, FLORIDA

GRADING PLAN
SHEET 5 of 5
FOR BACKFILL

Project phase:	Project:
Designed by: JVR	Sheet title:
Project No: 09-125-Reg-13-2009	
Professional Engineer of Record: Claudia S. Weger	
Professional Engineer of Record: Claudia S. Weger	
Claudia S. Weger	
Engineer	
Certificate No. 51332	

Sheet No.: C2.09

No.	Date	Revisions per SFWMD	Comments
1	02/12/10		

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Plotted: Aug 11, 2010 - 14:50:39 - Joyce Rocks

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MAY BE MODIFIED AND
UPDATED DURING CONSTRUCTION AS A RESULT OF WEATHER, UNPREDICTABLE EVENTS
AND SITE INSPECTIONS.

THIS DOCUMENT WAS PREPARED IN ORDER TO BE IN COMPLIANCE WITH CHAPTER
62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC
PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.
THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGES OF
STORM-WATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER
POLLUTION PREVENTION PLAN FOR THE SITE AND IS ORGANIZED TO CORRESPOND TO PART
V OF DEP DOCUMENT NO. 62-621.300 (4) (A) FDEP FORM 62-261.300 (4) (B) IS TO BE
SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT.

I. PROJECT INFORMATION:

PROJECT: LEVY COUNTY SAND PIT - KNIGHT FARM
COUNTY: LEVY
SECTION/TOWNSHIP/RANGE: SECTION 6 & 7, TOWNSHIP 18 SOUTH, RANGE 17 EAST
COUNTY PARCEL NO.: 03841-000-00 & 03846-000-00
LATITUDE AND LONGITUDE: 29° 6'34", 82° 37'40"
STREET ADDRESS: SE 147th PLACE
PROJECT AREA: 363± Ac.
APPROXIMATE AREA TO BE DISTURBED BY CONSTRUCTION: 242± Ac.

II. SITE DESCRIPTION:

1. THE PROPOSED DEVELOPMENT CONSISTS OF THE CONSTRUCTION OF A SAND PIT
WITH ASSOCIATED GRADING IMPROVEMENTS.

THE PROJECT SITE IS DIVIDED AT PRE-DEVELOPMENT CONDITIONS IN 19 DRAINAGE
AREAS AS SHOWN IN THE STORMWATER PLAN AND DESCRIBED BELOW:

- a.) AREAS 1, 5, AND 13 CONSIST OF OPEN AREAS ON-SITE THAT DISCHARGES
TO ON-SITE DEPRESSIONS LOCATED IN THE PROPOSED BORROW AREA AND
RECEIVES OFF-SITE RUNOFF FROM THE ADJACENT PROPERTIES.
- b.) AREAS 2-4, 7, AND 14-15 CONSIST OF OPEN AREAS ON-SITE THAT
DISCHARGE INTO ON-SITE DEPRESSIONS LOCATED IN THE PROPOSED BUFFER
AREAS AND RECEIVES OFF-SITE RUNOFF FROM THE ADJACENT PROPERTY.
- c.) AREAS 6, 9, 12, AND 19 CONSIST OF OPEN AREAS THAT DISCHARGE INTO
ON-SITE DEPRESSIONS LOCATED IN THE PROPOSED BORROW AREA. THE
RUNOFF IS FROM AREAS THAT ARE ON-SITE.
- d.) AREAS 16, 17, AND 18 CONSIST OF OPEN AREAS ON-SITE THAT DISCHARGE
OFF-SITE.
- e.) AREAS 8, 10, AND 11 CONSIST OF OPEN AREAS ON-SITE THAT DISCHARGE
INTO ON-SITE DEPRESSIONS LOCATED IN THE PROPOSED BUFFERS.

*DRAINAGE AREAS 2, 3, 4, AND 7 WILL NOT BE ROUTED BECAUSE THE
PROPOSED BORROW WILL NOT AFFECT THEIR DRAINAGE SINCE THEY ARE LOCATED
OUTSIDE OF THE PROPOSED EXCAVATION AREA.

AT POST-DEVELOPMENT CONDITIONS THE SITE WILL BE EXCAVATED AND WILL NOT
HAVE OFF-SITE DISCHARGE. THE DRAINAGE AREAS WILL BE COMBINED AS FOLLOWS:

- a.) AREA 1 WILL CONSIST OF PRE-AREAS 1, 8, 9, AND 10 AND WILL BE
SELF-CONTAINED.
- b.) AREA 2 WILL CONSIST OF PRE-AREA 13 AND WILL NOT DISCHARGE.
- c.) AREA 3 WILL CONSIST OF PRE-AREA 11 AND WILL BE SELF-CONTAINED.
- d.) AREA 4 WILL CONSIST OF PRE-AREAS 12, 116, 17, AND 18 AND WILL NOT
DISCHARGE.
- e.) AREA 5 WILL CONSIST OF PRE-AREAS 5, 6, 7, AND 19 AND WILL NOT
DISCHARGE.

THERE WILL BE NO OFF-SITE DISCHARGE, THEREFORE NO ADVERSE IMPACTS.

2. THE SOIL CONDITIONS WERE INVESTIGATED AND SUMMARIZED IN THE SOILS REPORT
PREPARED BY UNIVERSAL ENGINEERING SCIENCES.

3. EXISTING AND FUTURE DRAINAGE PATTERNS ARE SHOWN ON THE DRAINAGE PLAN FOR
PRE-DEVELOPMENT CONDITIONS AND POST-DEVELOPMENT CONDITIONS.

4. SEQUENCE OF CONSTRUCTION:

- A. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION BARRICADES SHALL BE
INSTALLED AND ALL EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED IN
ACCORDANCE WITH FDOT INDEX #102.
- B. THE CONSTRUCTION ENTRANCE WILL BE STABILIZED TO MINIMIZE THE CREATION OF
DUST AND OFF SITE TRACKING OF SEDIMENTS.
- C. THE SITE SHALL BE CLEARED AND GRUBBED OF UNDESIRABLE VEGETATION.
- D. THE SITE WILL BE ROUGHLY GRADED, IF SUITABLE, THE EXCAVATED MATERIAL MAY BE
USED AS FILL FOR ON-SITE GRADING, THE ROADWAYS SHALL BE GRADED.
- E. ROADWAYS WILL BE COMPACTED AND A LIMESTONE BASE WILL BE ESTABLISHED.

III. CONTROLS:

THE CONTROLS SHALL BE IMPLEMENTED AND MAINTAINED DURING THE ENTIRE
CONSTRUCTION OF THE PROJECT. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL
CONTROL MEASURES ARE REQUIRED THAN WHAT IS SPECIFIED IN THE EROSION AND
SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL
BEST MANAGEMENT PRACTICES NECESSARY.

1. THE CONSTRUCTION ACCESS SHALL BE STABILIZED WITH GRAVEL AND TEMPORARY
VEGETATION TO PREVENT SILT LEAVING THE SITE.
2. TREE BARRICADES SHALL BE IMPLEMENTED BEFORE CLEARING AND GRUBBING OF ANY
OF THE WORK AREAS.
3. BEFORE CLEARING, SILT FENCES SHALL BE INSTALLED AROUND THE PERIMETER OF THE
CONSTRUCTION. ALL EXISTING STORM DRAINAGE SWALES AND INLETS SHALL BE
PROTECTED PER FDOT INDEX 102.
4. AFTER CLEARING BUT BEFORE EXCAVATION AND GRADING, TEMPORARY BERMS AND
SWALES SHALL BE CONSTRUCTED AS REQUIRED TO DIVERT THE FLOW INTO THE
CORRESPONDING STORMWATER BASIN.
5. DURING CONSTRUCTION OF PAVING, EROSION AND SEDIMENTATION CONTROL MEASURES
SHALL BE INSTALLED AS REQUIRED.

IV. EROSION AND SEDIMENTATION CONTROLS:

STABILIZATION PRACTICES:

1. THE ENTRANCE TO THE SITE SHALL BE STABILIZED BEFORE CONSTRUCTION
AND FURTHER DISTURBANCE BEGINS. GRAVEL PAD SHALL PROVIDE
STABILIZATION AND MINIMIZE THE AMOUNT OF SEDIMENT LEAVING THE SITE.
MAINTENANCE OF THE ENTRANCE SHALL INCLUDE SWEEPING OF THE AREA
ADJACENT TO THE ENTRANCE. STONE AND GRAVEL MIGHT NEED TO BE
PERIODICALLY ADDED TO MAINTAIN THE EFFECTIVENESS OF THE ENTRANCE.
2. TREE BARRICADES SHALL BE INSTALLED AROUND THE TREES AS SHOWN IN
THE DETAIL PLAN TO PROTECT THE EXISTING VEGETATION.
3. MULCH SHALL BE PLACED IN THE AREAS REQUIRED TO PREVENT EROSION
FROM STORMWATER RUNOFF AND THE AREAS SHOWN ON THE PLANS. MULCH
SHALL BE ANCHORED TO RESIST WIND DISPLACEMENT AND SHALL BE
INSPECTED AFTER EVERY RAINSTORM TO IDENTIFY AREAS WHERE MULCH HAS
BEEN WASHED OUT OR LOOSENED. THESE AREAS SHALL HAVE MULCH COVER
REPLACEMENT.
4. SEEDING SHALL BE STARTED AFTER GRADING HAS BEEN FINISHED ON THE
AREAS SHOWN IN THE PLANS. SEEDS AREAS SHOULD BE INSPECTED FOR
FAILURE TO ESTABLISH, AND NECESSARY REPAIRS AND RESEEDING SHOULD BE
MADE AS SOON AS POSSIBLE. ADDITIONAL SEEDING AND MULCH MAY BE
REQUIRED AS NECESSARY TO PREVENT EROSION DURING OR AFTER
CONSTRUCTION HAS FINISHED.
5. SOD SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS. SOD SHALL
BE PEGGED IF INSTALLED ON SLOPES GREATER THAN 3:1. SODDED AREAS
SHALL BE MAINTAINED AND INSPECTED TO ENSURE SUCCESSFUL
ESTABLISHMENT.

SEDIMENTATION PRACTICES:

1. SILT FENCES SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS AND
AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA.
SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL EVENT TO ENSURE
THAT THERE ARE NO GAPS OR TEARS. IF GAPS OR TEARS ARE FOUND THE
FABRIC SHOULD BE REPAIRED OR REPLACED. SEDIMENT REMOVAL SHALL BE
PART OF THE REGULAR MAINTENANCE. SILT FENCES SHALL REMAIN IN PLACE
UNTIL CONSTRUCTION HAS FINISHED AND DISTURBED AREAS ARE PERMANENTLY
STABILIZED.

V. CONTROLS FOR OTHER POTENTIAL POLLUTANTS:

1. WASTE DISPOSAL: NO SOLID MATERIALS, INCLUDING CONSTRUCTION MATERIALS,
SHALL BE DISCHARGED TO SURFACE WATERS AND ARE NOT AUTHORIZED
UNDER THE ISSUED ENVIRONMENTAL RESOURCE PERMIT.
2. THE USE OF GRAVEL AND CONTINUING SWEEPING ACTIVITIES AT THE ENTRANCE
OF THE SITE WILL CONTROL THE TRACKING OF SEDIMENT AND DUST LEAVING
THE SITE.
3. THE PROPOSED DEVELOPMENT WILL PROVIDE WATER AND SEWER SYSTEM BY
CONNECTING INTO THE CENTRAL MUNICIPAL SYSTEM OF GAINESVILLE REGIONAL
UTILITIES.
4. ANY APPLICATION OF FERTILIZERS AND PESTICIDES NECESSARY TO ESTABLISH
AND MAINTENANCE OF VEGETATION DURING CONSTRUCTION AND THROUGH
PERPETUITY MAINTENANCE SHALL FOLLOW THE MANUFACTURERS
RECOMMENDATIONS AND THE APPLICABLE RULES OF THE STATE OF FLORIDA.
5. ANY TOXIC MATERIALS REQUIRED DURING CONSTRUCTION SHALL BE PROPERLY
STORED, DISPOSED OF AND CONTRACTOR AND/OR OWNER SHALL PROVIDE THE
APPROPRIATE PERMITS FROM THE LOCAL OR STATE AGENCIES.

VI. APPROVED STATE OR LOCAL PLANS:

1. ALL THE SEDIMENT AND EROSION CONTROLS THAT ARE LISTED IN THE SITE
PLAN AS APPROVED BY THE SWFWM ARE INCLUDED IN THIS STORMWATER
POLLUTION PREVENTION PLAN (SEE ITEM III AND IV).
2. THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED IF
REQUIRED BY ANY LOCAL OR STATE AGENCY OR AS REQUIRED BY
UNFORESEEABLE CONDITIONS AND THE OWNER SHALL SUBMIT A
RE-CERTIFICATION TO THE NPDES STATE OFFICE THAT THE PLAN HAS BEEN
AMENDED TO ADDRESS THOSE CHANGES.

VII. MAINTENANCE:

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION
SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL
CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE
CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION
AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE.

IN ADDITION TO THE ITEMS MENTIONED IN THE PREVIOUS SECTIONS, THE
CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING
REPORTED. IN THE EVENT THAT THE BASINS DO NOT PERFORM PROPERLY
OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED
TO ASSIST IN COORDINATING REMEDIAL ACTION.

1. SIDE ENTRANCES: MAINTENANCE SHALL INCLUDE REPLACEMENT OF GRAVEL
AND CLEANING THE SOIL THAT IS TRACKED OFFSITE FOR PROPER
DISPOSAL.
2. SILT FENCES: MAINTENANCE SHALL INCLUDE SEDIMENT REMOVAL AND
INSPECTION TO ENSURE PROPER ANCHORING AND THAT NO TEARING OR
GAPS HAVE OCCURRED. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN
IT HAS REACHED ONE-THIRD THE HEIGHT OF SILT FENCE.

VIII. NON-STORMWATER DISCHARGES:

1. THE FOLLOWING NON-STORMWATER DISCHARGES MIGHT BE COMBINED WITH
STORMWATER AND WOULD BE AUTHORIZED AS PART OF THIS PERMIT: FIRE
HYDRANT FLUSHING, CONTROL OF DUST, POTABLE WATER FLUSHING AND
IRRIGATION DRAINAGE. BECAUSE OF THE NATURE OF THESE DISCHARGES,
THE EROSION, STABILIZATION AND TREATMENT SYSTEMS TO BE
IMPLEMENTED, AS PART OF THIS PLAN WOULD BE APPROPRIATE TO
PREVENT AND TREAT ANY POLLUTION RELATED TO THESE
NON-STORMWATER DISCHARGES.

IX. CONTRACTORS:

1. ALL CONTRACTORS AND/OR SUBCONTRACTORS RESPONSIBLE FOR
IMPLEMENTING THE PLAN SHALL SIGN THE CERTIFICATION STATEMENT
BEFORE STARTING CONSTRUCTION ACTIVITIES OF THE PROJECT. THE
CERTIFICATION MUST INCLUDE THE NAME AND TITLE OF THE PERSON
PROVIDING THE SIGNATURE, THE NAME, ADDRESS AND TELEPHONE NUMBER
OF THE CONTRACTING FIRM, THE ADDRESS OF THE SITE AND THE DATE
THE CERTIFICATION IS MADE. THE OWNER SHALL KEEP THESE
CERTIFICATIONS AS PART OF THIS POLLUTION PLAN. MULTIPLE COPIES OF
THE CERTIFICATION STATEMENT MAY BE NECESSARY DEPENDING UPON THE
NUMBER OF SUBCONTRACTORS ASSOCIATED WITH THE PROJECT.

CERTIFICATION STATEMENT

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND SHALL
COMPLY WITH THE TERMS AND CONDITIONS OF THE STATE OF
FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM
LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS
STORMWATER POLLUTION PREVENTION PLAN PREPARED
THEREUNDER."

APPLICANT: THOMAS M. VANNESS, SR.
ADDRESS: 5634 N. LECANTO HIGHWAY
CITY, STATE, ZIP CODE: BEVERLY HILLS, FL 34465
TELEPHONE: (352) 302-8374
FAX:
PROJECT NAME: LEVY COUNTY SAND PIT - KNIGHT FARM
PROJECT ADDRESS:
PROJECT ADDRESS:
CITY, STATE, ZIP CODE: , FLORIDA.
NAME: SIGNATURE:
DATE:

STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

PROJECT NAME: LEVY COUNTY SAND PIT - KNIGHT FARM FDEP NPDES STORMWATER IDENTIFICATION NO.: FLR10

APPLICANT: THOMAS M. VANNESS, SR. CONTRACTOR:

CONSTRUCTION MANAGER:

Date of Inspection	Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Observations or Corrective Action / Other Remarks	Inspected By

CONDITION CODE: G = Good M = Marginal, needs maintenance or replacement soon O = Other
C = Needs to be cleaned P = Poor, needs immediate maintenance or replacement

CONTROL TYPE CODES

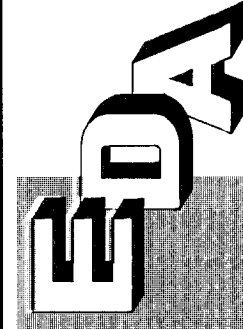
1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

INSPECTOR INFORMATION:

Name Qualification Date
The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non compliance identified above.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SCALES:
AS SHOWN



LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA
STORMWATER POLLUTION PREVENTION PLAN


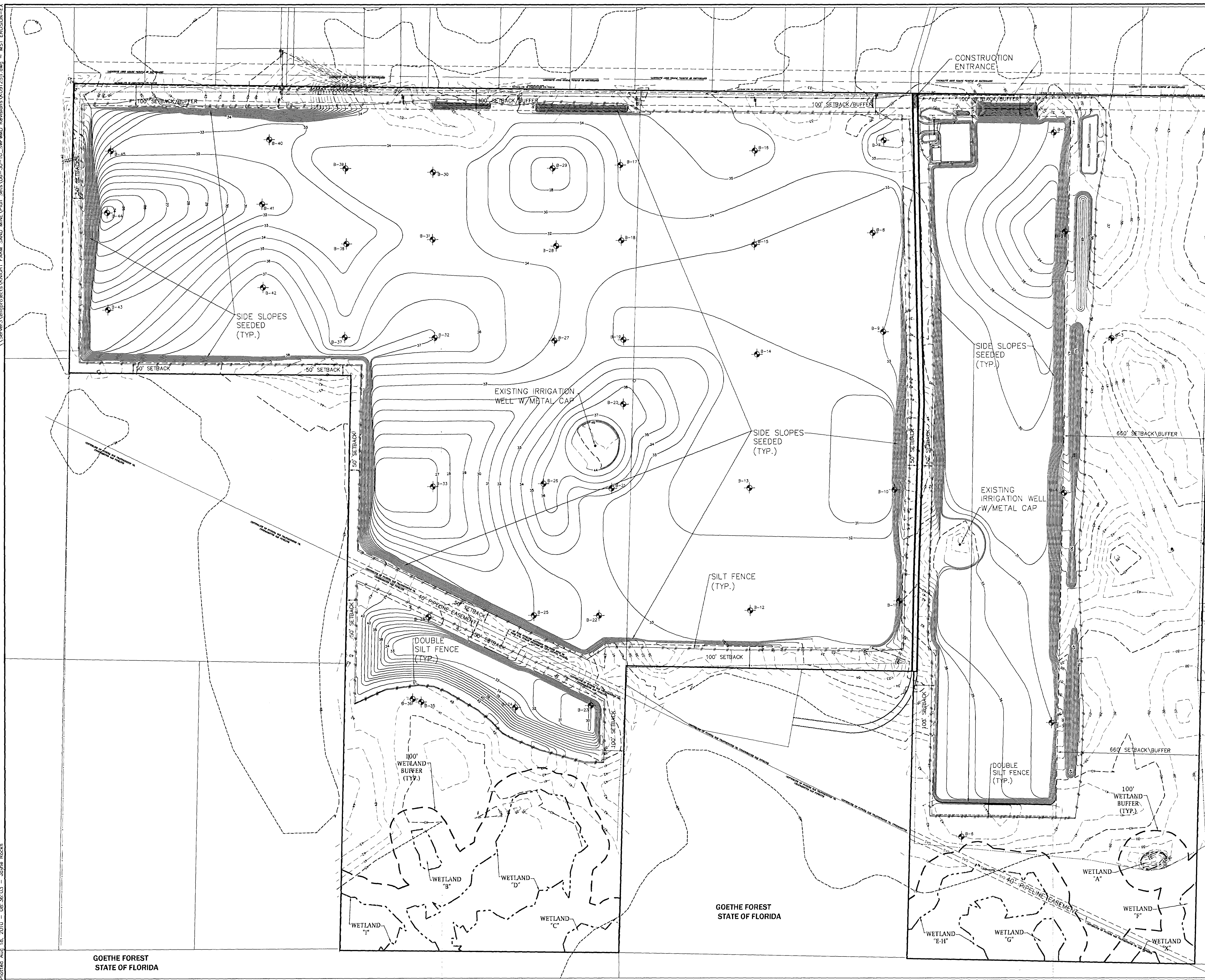
Project:

Sheet title:

Project Phase: DESIGN
Designed by: JVR
Project No.: 06-15-01-001-100
Professional Engineer of Record:
Claudia S. Pugh, P.E.
51532
Engineer: Certificate No.

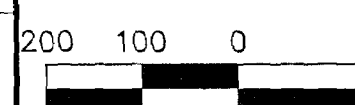
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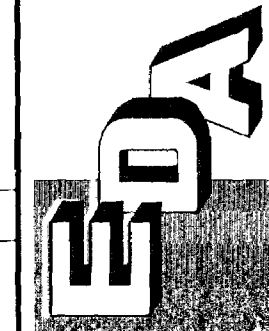


NORTH

SCALE: 1" = 200'



GRAPHIC SCA










ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS

LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA

Title: MASTER EROSION & SEDIMENTATION CONTROL PLAN FOR EVALUATION

GOETHE FOREST
STATE OF FLORIDA

LEGEND

-  SILT FENCE
 BORING LOCATION
 PROPOSED CONTOUR ELEVATION
 EXISTING CONTOUR ELEVATION
 EXISTING FENCE
 EXISTING WETLAND LIMITS
 EXISTING 100' WETLAND BUFFER

Sheet No

C3.10

FILE OF RECORD

43035213.000

C3.10

ia S. Vega

Claudia S. Vega *Ph.D.* ENG 51532

FOR EXCAVATION

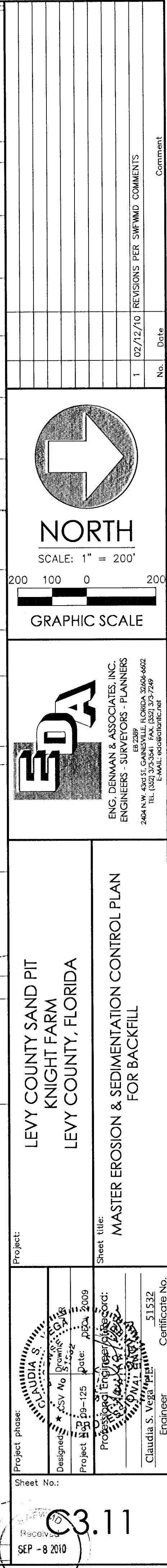
404 N.W. 42nd ST, GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX. (352) 373-7249

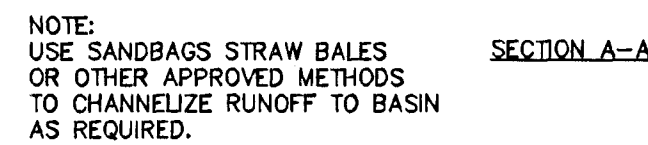
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MISSIONS PER SWFWMD COMMENTS





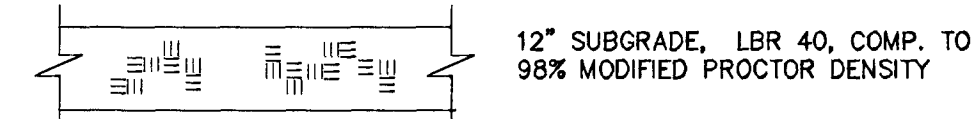
- NOTE:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.



1. IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORWATER BASIN THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH NO. 57 STONE TO APPROXIMATELY 3 TO 5 FEET BELOW LAND SURFACE. AN AREA AT LEAST 6' BEYOND THE EDGES OF THE CHIMNEY SHOULD BE EXCAVATED TO THE TOP OF THE GRAVEL. A NON-WOVEN GEOTEXTILE FILTER CLOTH SHOULD BE PLACED AT THE BOTTOM OF THE EXCAVATION AND THE EXCAVATION SHOULD BE BACKFILLED WITH CLEAN SAND HAVING A VERTICAL COEFFICIENT OF PERMEABILITY OF 10 FEET PER DAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.



1. IF LIMESTONE OR LIMEROCK OUTCROP IS ENCOUNTERED DURING CONSTRUCTION OF THE BASIN, THE AREA WILL BE OVER-EXCAVATED A MINIMUM OF THREE FEET AND BACKFILLED WITH SUITABLE SOLIDS TO MEET THE SENSITIVE KARST AREA REQUIREMENTS.
2. IN THE EVENT A SINKHOLE, CAVITIES OR CHIMNEYS DEVELOPS WITHIN THE STORMWATER BASIN, THE FOLLOWING TREATMENT SHALL BE PERFORMED: THE OWNER SHALL NOTIFY SOUTHEAST FLORIDA WATER MANAGEMENT DISTRICT PRIOR TO REMEDIAL ACTION UNLESS POSITIVE REMEDIATION ACTIVITY OCCURS IMMEDIATELY AND DURING REMEDIATION, SINKHOLE SHALL BE BACKFILLED WITH A SANDY CLAY MIXTURE. THE SANDY CLAY SHALL BE PLACED IN SIX INCH LIFTS WITHIN THE FINAL THREE FEET OF FILL AND ROLLED WITH A HEAVILY LOADED RUBBER TIRE EQUIPMENT. SHOULD SINKHOLE ACTIVITY CONTINUE REPEATEDLY WITHIN A CONTAINMENT AREA, THE OWNER SHALL CONSULT WITH A REGISTERED ENGINEER TO DETERMINE WHETHER ANY ALTERNATIVE REMEDIAL MEASURES ARE REQUIRED.



STABILIZED PARKING AREA
N.T.S.

STABILIZATION PRACTICES:

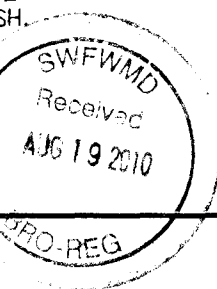
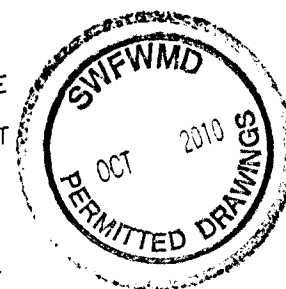
1. ALL ENTRANCES TO THE SITE SHALL BE STABILIZED BEFORE CONSTRUCTION AND FURTHER DISTURBANCE BEGINS. GRAVEL PAD SHALL PROVIDE STABILIZATION AND MINIMIZE THE AMOUNT OF SEDIMENT LEAVING THE SITE. MAINTENANCE OF THE ENTRANCE SHALL INCLUDE SWEEPING OF THE AREA ADJACENT TO THE ENTRANCE. STONE AND GRAVEL MIGHT NEED TO BE PERIODICALLY ADDED TO MAINTAIN THE EFFECTIVENESS OF THE ENTRANCE.
2. ADDITIONAL SEEDING AND MULCH MAY BE REQUIRED AS NECESSARY TO PREVENT EROSION DURING OR AFTER CONSTRUCTION HAS FINISHED.

SEDIMENTATION PRACTICES:

1. SILT FENCES SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS AND AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL EVENT TO ENSURE THAT THERE ARE NOT GAPS OR TEARS. IF GAP OR TEARS ARE FOUND THE FABRIC SHOULD BE REPAIRED OR REPLACED. SEDIMENT REMOVAL SHALL BE PART OF THE REGULAR MAINTENANCE. SILT FENCES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION OF EACH SPECIFIC AREA HAS FINISHED AND DISTURBED AREAS ARE PERMANENTLY STABILIZED.
2. DIVERSION SWALES, IF REQUIRED, SHALL BE CONSTRUCTED BEFORE MAJOR LAND DISTURBANCE. DIVERSION SWALES SHALL BE MAINTAINED AFTER CONSTRUCTION TO MAINTAIN ITS EFFICIENCY.

MAINTENANCE:

- THE OWNER IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGH THE PROJECT AND BE COMPLETE. THE OWNER IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION COMPLETES.
1. SIDE ENTRANCES: MAINTENANCE SHALL INCLUDE REPLACEMENT OF GRAVEL AND CLEANING THE SOIL THAT IS TRACKED OFFSITE FOR PROPER DISPOSAL.
 2. SILT FENCES: MAINTENANCE SHALL INCLUDE REMOVAL OF SEDIMENT AND INSPECTOR TO ENSURE PROPER ANCHORING AND THAT NO TEARING OR GAPS HAVE OCCURRED. ACCUMULATED SEDIMENT SHALL BE REMOVED. FENCES SHALL BE REPAIRED ONE-THIRD THE HEIGHT OF SILT FENCE.
 3. DIVERSION SWALES: THEY SHOULD BE CLEARED OF SEDIMENT AND MAINTAIN VEGETATIVE COVER.
 4. BERMS: MAINTENANCE SHALL INCLUDE REMOVAL OF DEBRIS, TRASH SEDIMENT AND LEAVES. SIDES OF THE BERM SHALL BE INSPECTED FOR EROSION AFTER A STORM.
 5. MULCHING: ROUTINE MAINTENANCE SHALL INCLUDE REPLACEMENT PERIODICALLY.
 6. SEEDING: ROUTINE MAINTENANCE SHALL INCLUDE RESEEDING OF AREAS THAT FAILED TO ESTABLISH.



LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA

Project:

Project phase:

Sheet No.:

at title: **EROSION & SEDIMENTATION CONTROL DETAILS & NOTES**

Sheet title:

Professional Engineer of Record:

5.20

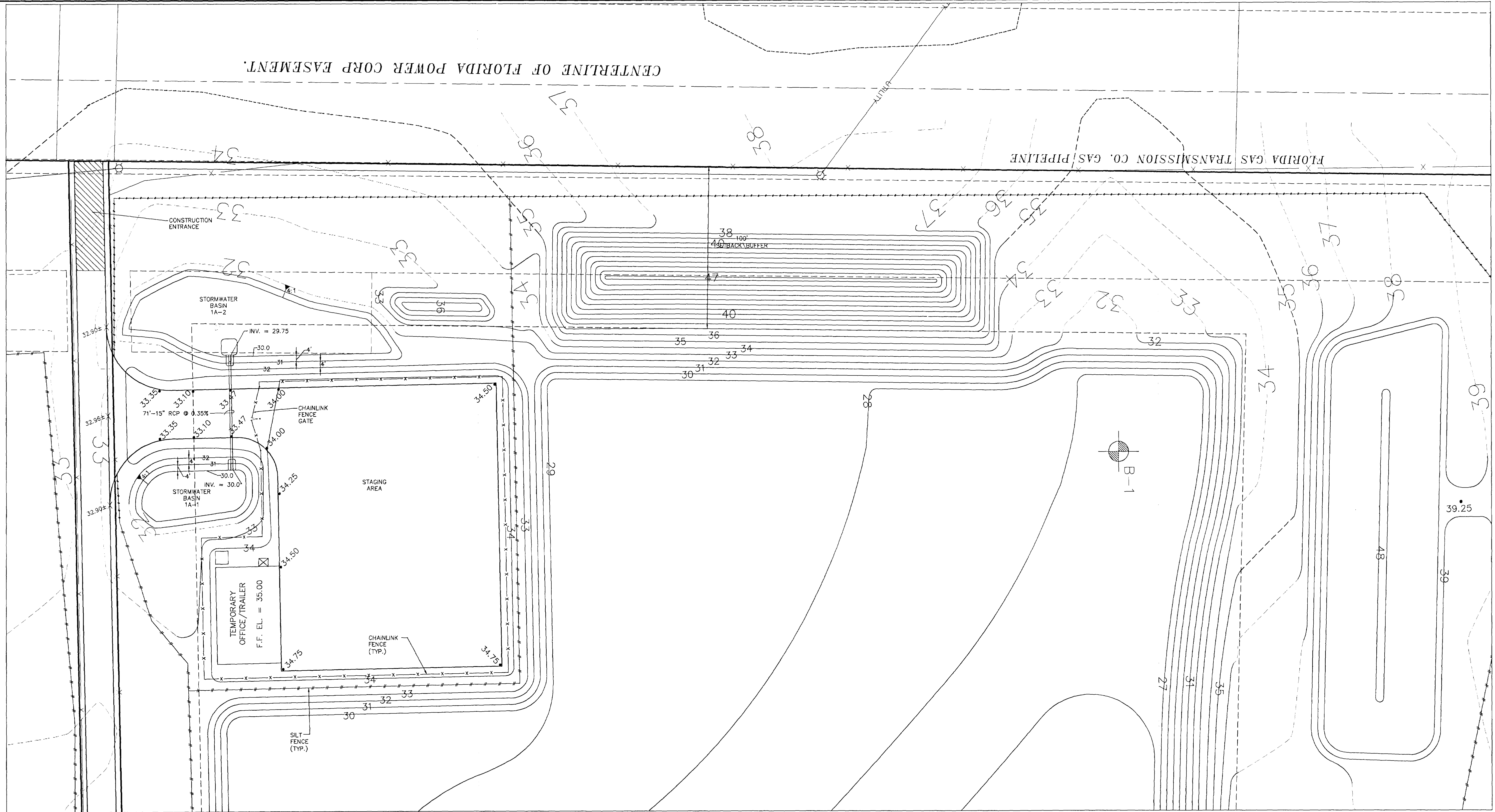
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DENMAN & ASSOCIATES, INC.
100 S.W. 10TH AVE., SUITE 200, GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3341 FAX. (352) 373-7249
E-MAIL: eda@datamc.net

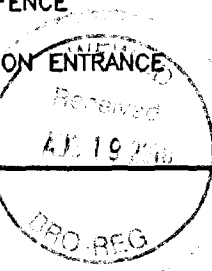
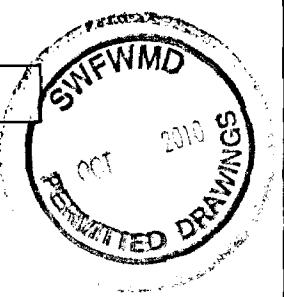
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1	02/12/10		

\\server3\enviro\projects\KNIGHT FARM SAND MINE\Plan Set\06-39-10-SWFWMD Resident\K001251.dwg - STAGING

Plotted Aug 18, 2010 - 08:36:03 - Joyce Rocks



LEGEND	
	PROPOSED SILT FENCE
	BORING LOCATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION
	EXISTING FENCE
	PROPOSED SPOT ELEVATION
	PROPOSED CHAINLINK FENCE
	PROPOSED CONSTRUCTION ENTRANCE



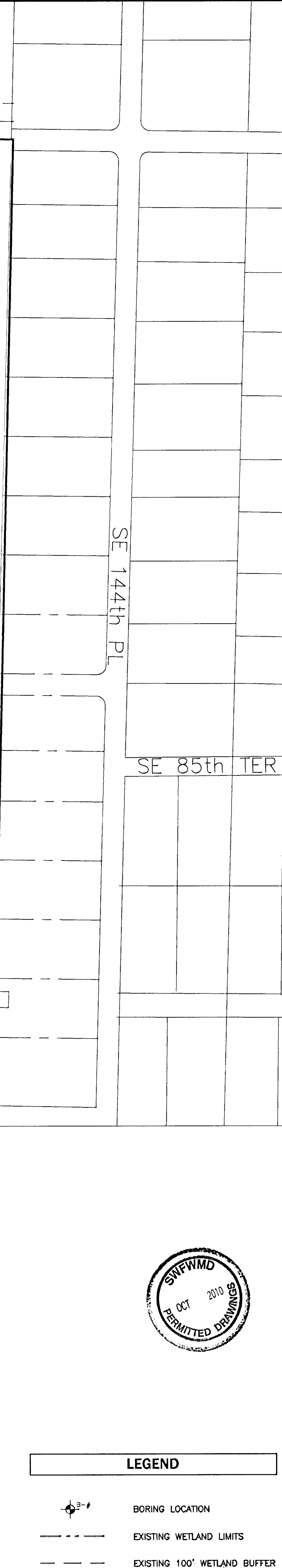
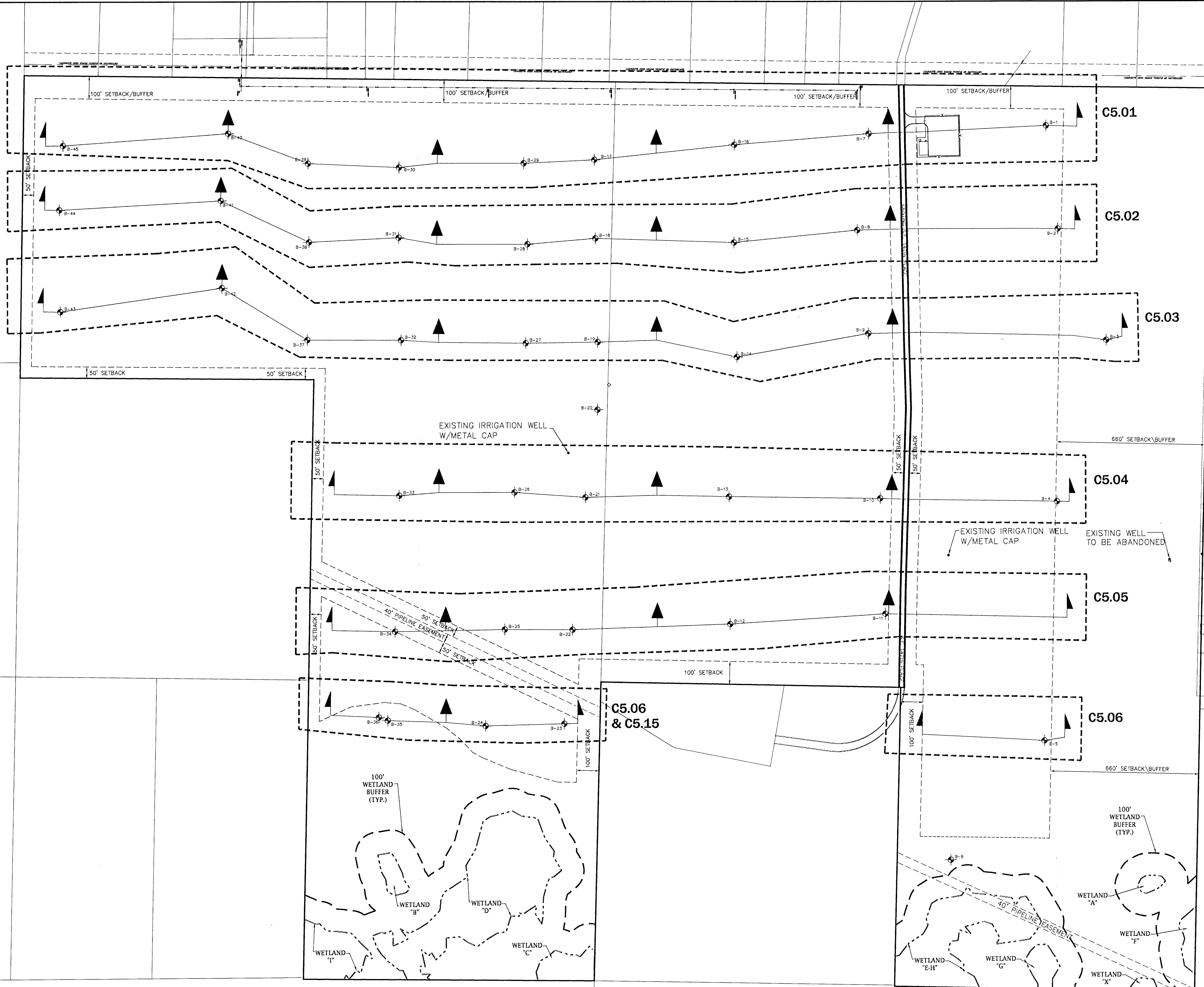
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Project:		Sheet No.: C4.00	
Designed: JNR		Reviewed: JNR	
Project: 06-126 Jones		Date: 08/18/2010	
Professional Engineer's Seal:		Professional Engineer's Seal:	
Claudia A. Webb, P.E.		Claudia A. Webb, P.E.	
Engineer's License No. 51532		Engineer's License No. 51532	

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BNC DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
2404 N.W. 134th St., Suite 200
Tulsa, OK 74107-2700
Tel: (918) 438-1111 Fax: (918) 438-1112
E-Mail: eda@eda-inc.com

GRAPHIC SCALE
SCALE: 1" = 30'
0 15 30

NORTH
N

No.	Date	Comments
1	02/12/10	REVISIONS PER SWFWMD COMMENTS

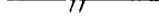







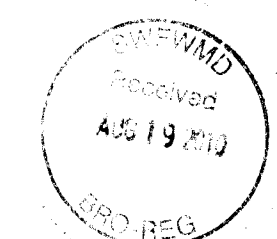
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Project No.:		Certificate No.:	
Date:		Revision:	
1		07/12/10	
		REVISIONS PER SFWMD COMMENTS	
		No.	
		Date	
		Comment	

C5.00



LEGEND

- 
 PROPOSED SILT FENCE

 EXISTING GROUND

 SEASONAL HIGH GROUNDWATER TABLE (SHGT)
 (PERCHED WATER TABLE)

 PROPOSED GRADE FOR EXCAVATION

 PROPOSED GRADE FOR BACKFILL

 EXISTING FENCELINE




LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA

CROSS-SECTIONS for EXCAVATION
B-45 thru B-1
FOR EXCAVATION & BACKFILL

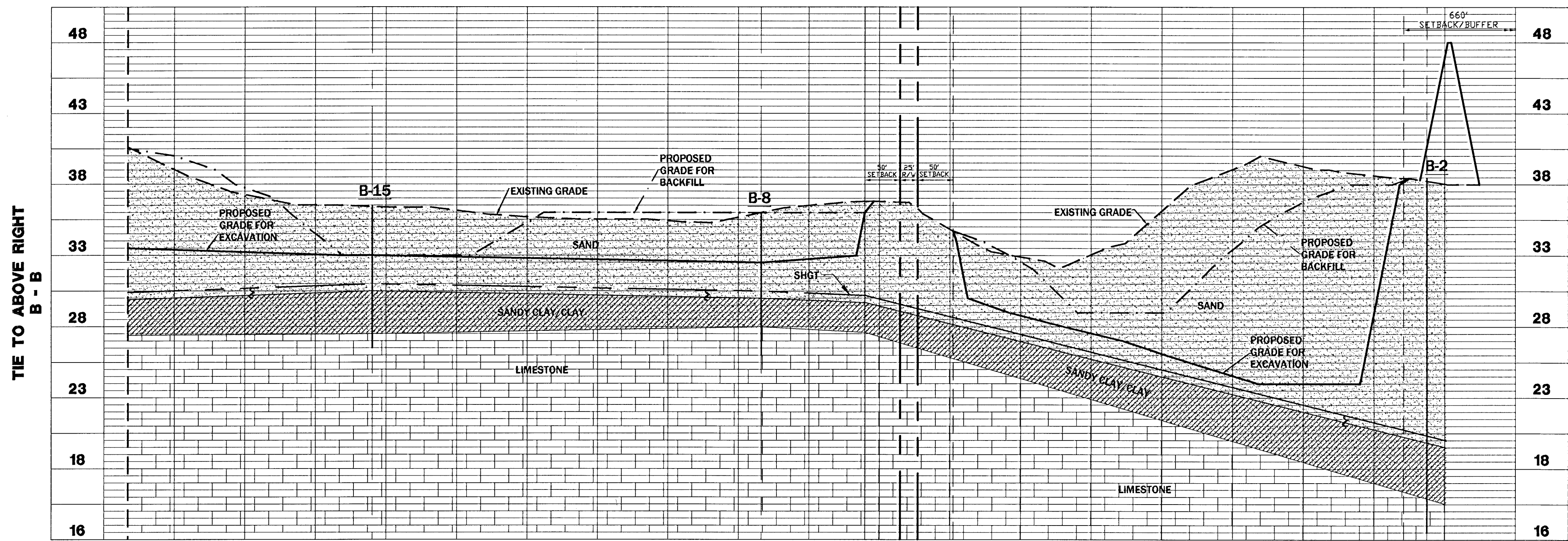
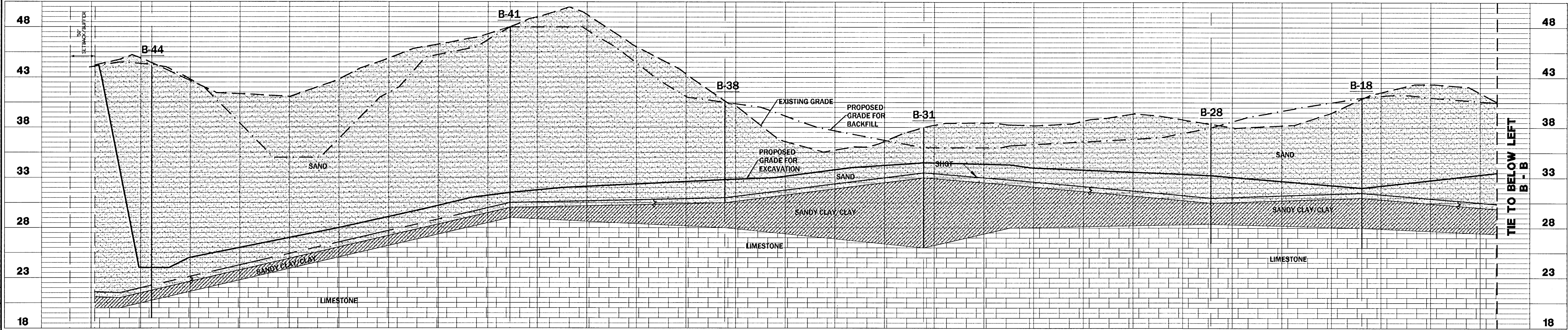
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Design by:	JVR
Project No.:	2009
Professional Engineer's Record:	Sheet title
DATE OF SHEET	
Checked by: P.E.	54592

C5.01

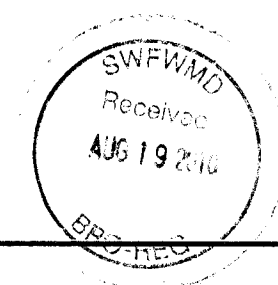
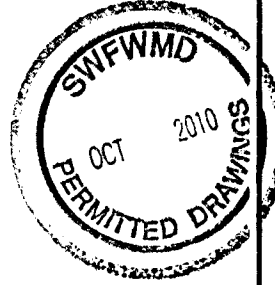


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 EE-2389
 4604 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
 TEL. (352) 373-5341 FAX. (352) 373-7249

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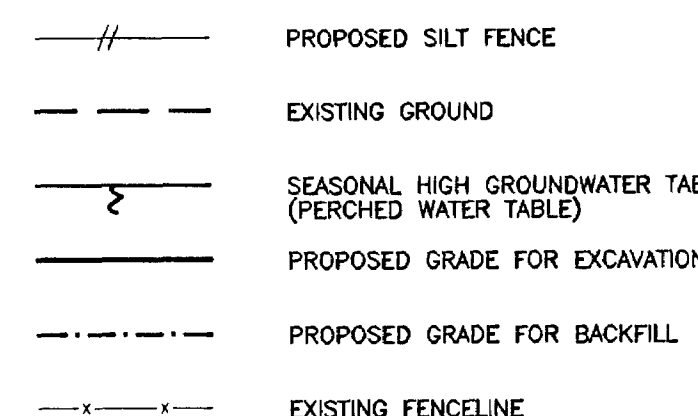
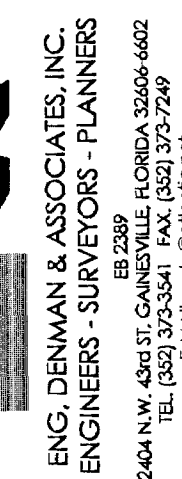
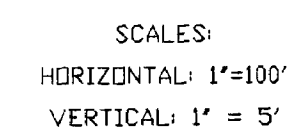
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---	PROPOSED SILT FENCE
---	EXISTING GROUND
x	SEASONAL HIGH GROUNDWATER TABLE (SHGT) (PERCHED WATER TABLE)
---	PROPOSED GRADE FOR EXCAVATION
---	PROPOSED GRADE FOR BACKFILL



Project: LEVY COUNTY SAND PIT KNIGHT FARM LEVY COUNTY, FLORIDA		Sheet title: CROSS-SECTIONS B-44 thru B-2 FOR EXCAVATION & BACKFILL	
Project phase: Design	Designed by: JVR	Professional Engineer of Record: J. J. Knight, P.E.	Engineer's License No.: 51552
Project No.: 1005-105	Date: 10/18/2009	State of: FLORIDA	Exempt from EIT: YES
Sheet No.: C5.02		Revisions per SWFWMD COMMENTS	

1 02/12/10 No. Date Comment

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ENG. DENMAN & ASSOCIATES, INC.
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240 N.W. 40th St., Gainesville, Florida 32609-4402
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E-MAIL: eda@denmaninc.net



SWFVMD
Received
AUG 19 1964
BRO-REG

LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA

CROSS-SECTIONS
B-43 thru B-3
FOR EXCAVATION & BACKFILL

project

Sheet title:

Due to the above, the following is a list of the most important factors which are likely to influence the results of the study:

Designed! CSV/CA

1000

Professional Engineer of Record.

STATION 6/18/90

Claudia S. Vega P.E. 1:51532







Engineer: A. D. A. Certificate N

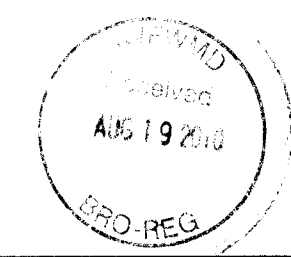
SEWAL ENG

Sheet No.

C5.03




- | | |
|---|---|
|  | PROPOSED SILT FENCE |
|  | EXISTING GROUND |
|  | SEASONAL HIGH GROUNDWATER TABLE (SHGT)
(PERCHED WATER TABLE) |
|  | PROPOSED GRADE FOR EXCAVATION |
|  | PROPOSED GRADE FOR BACKFILL |
|  | EXISTING FENCELINE |



LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA

CROSS-SECTIONS
B-33 thru B-4
FOR EXCAVATION & BACKFILL

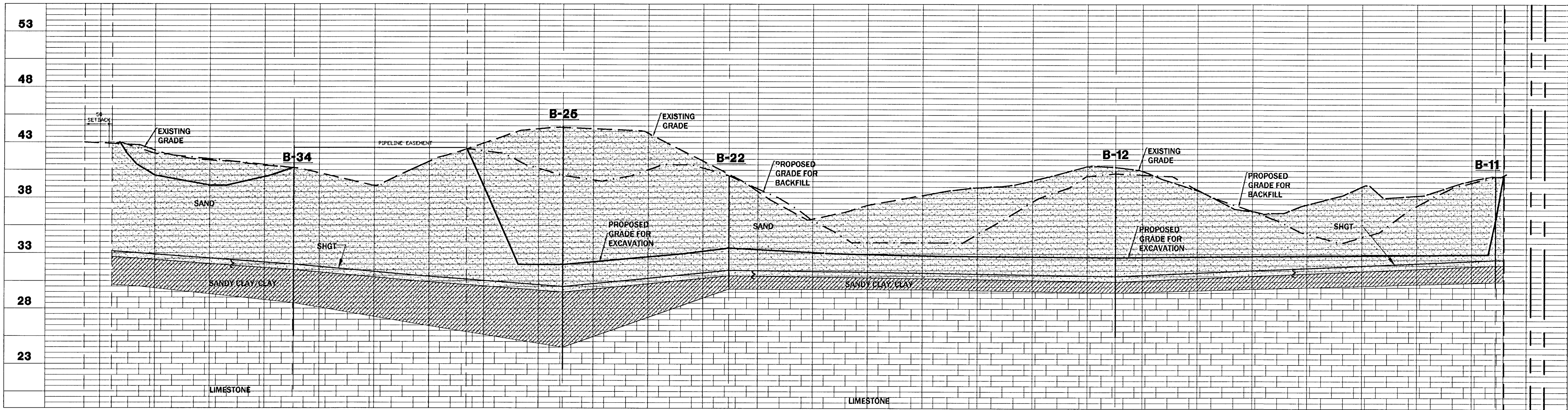


ENG. DENMAN & ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - PLANNERS
 13-2009
 2404 N.W. 43rd St., Coral Gables, FLORIDA 33134-6602
 TEL: (305) 373-3341 FAX: (305) 373-7249
 E-MAIL: eda@denmaninc.net

Project phase: **Design**

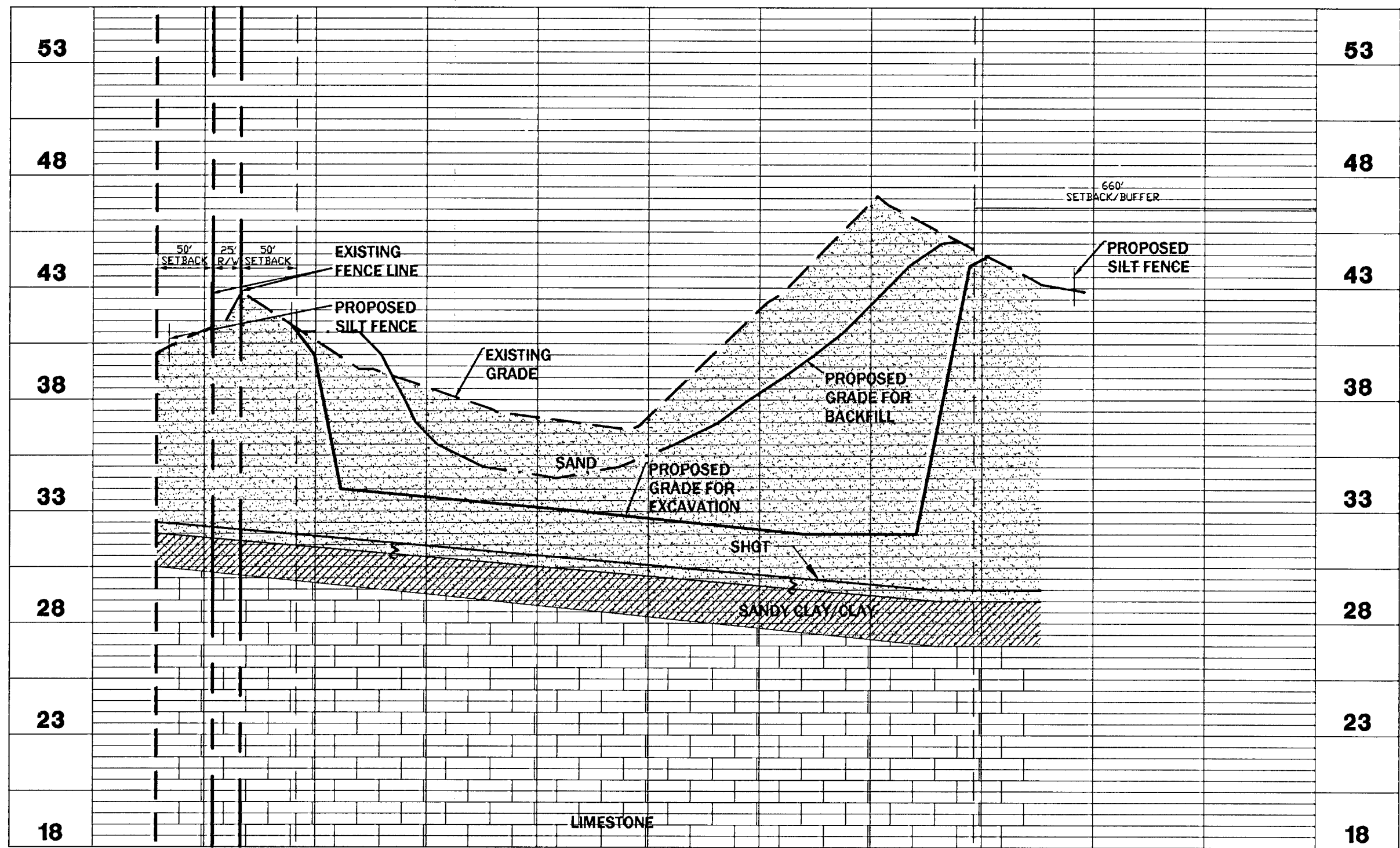
Designed by:	JVR
Project No.:	909-125
Date:	DEC. 2009
Professional Engineer of Record:	CLAUDIA S. GREGG
Stamp:	CLAUDIA S. GREGG
Stamp No.:	51532
Expiration Date:	12/31/2011

C5.04



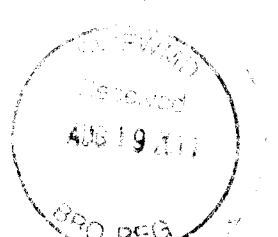
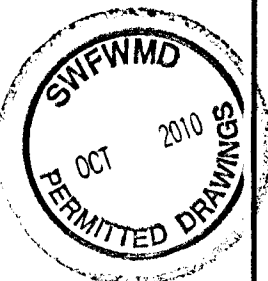
TIE TO BELOW LEFT
E - E

TIE TO ABOVE RIGHT
E - E



LEGEND


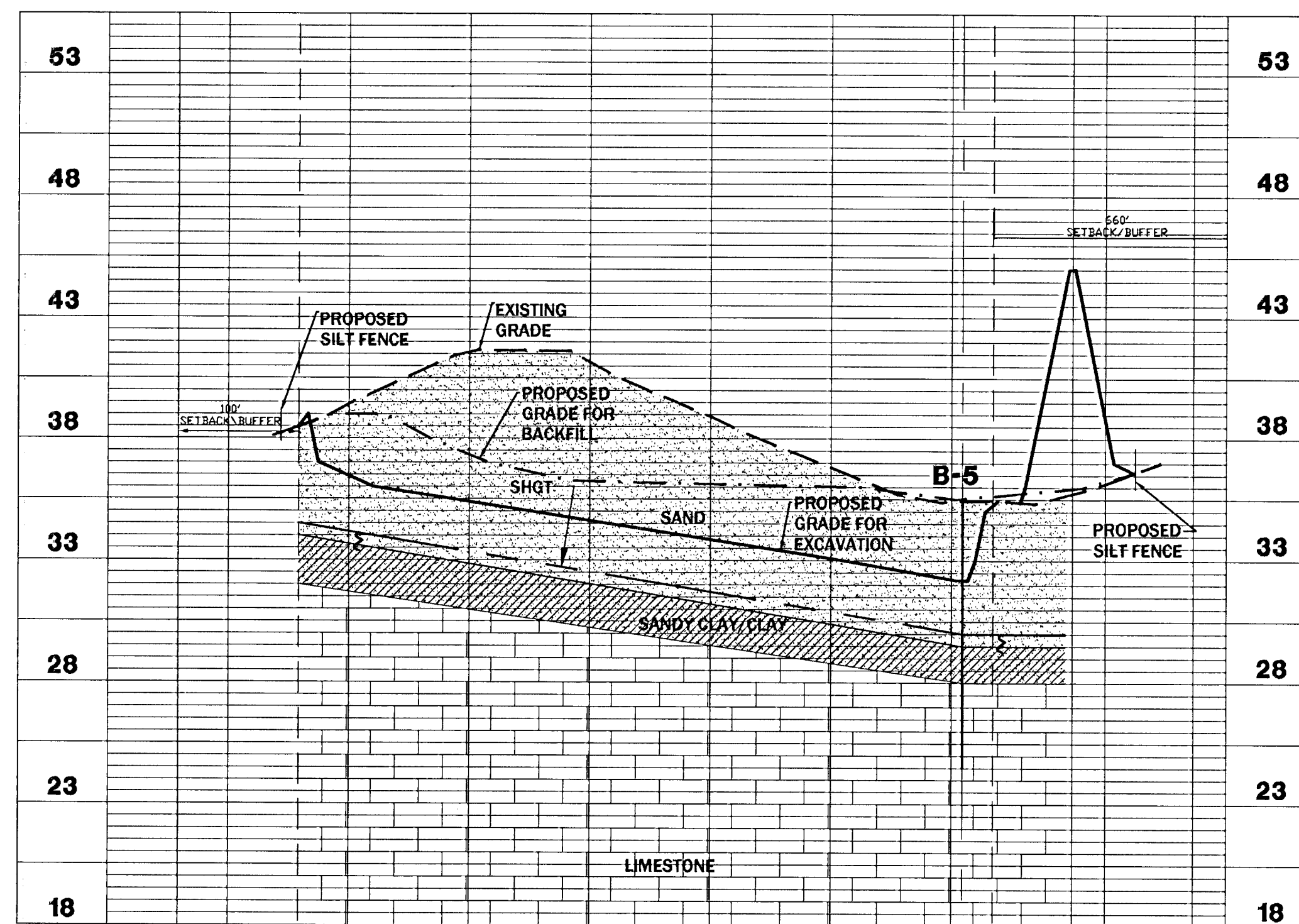
- PROPOSED SILT FENCE
- EXISTING GROUND
- SEASONAL HIGH GROUNDWATER TABLE (SHGT) (PERCHED WATER TABLE)
- PROPOSED GRADE FOR EXCAVATION
- PROPOSED GRADE FOR BACKFILL
- EXISTING FENCELINE



Project: LEVY COUNTY SAND PIT KNIGHT FARM LEVY COUNTY, FLORIDA		Sheet title: CROSS-SECTIONS B-34 thru B-11 FOR EXCAVATION & BACKFILL	
Project phase: Design	Designed by: Claudia M. V. JVR	Project: 0609-1280 B-34 thru B-11	Project date: 03-22-2009
Professional Engineer of Record: Claudia M. V. JVR		Professional Engineer License No. 13183	
Engineer: Claudia M. V. JVR		Engineer's Seal No. 13183	
Sheet No. C5.05		Revisions per SWFWMD COMMENTS	
		No.	Date
		1	02/12/10
		Comment	

SCALES:
HORIZONTAL: 1"=100'
VERTICAL: 1" = 5'

EDA
ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
2404 N.W. 42nd St., Gainesville, Florida 32609-4602
TEL: (352) 373-5341 FAX: (352) 373-7297
E-MAIL: eda@denman.com



EDA

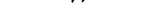





ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS

185-2389
20404 N.W. 42nd St. Ft. Lauderdale, FL 33309-3602
(305) 372-3341 FAX: (305) 372-7249
E-MAIL: eda@edatonic.net

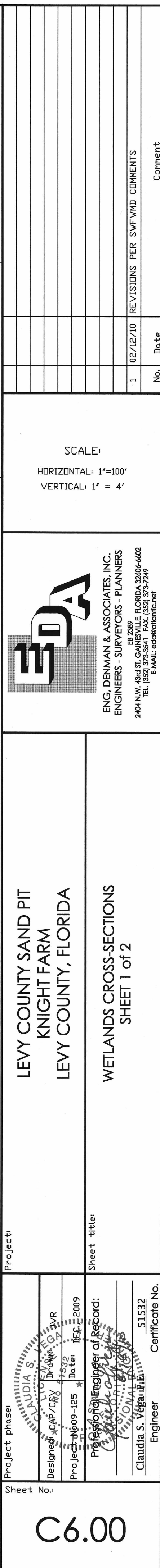
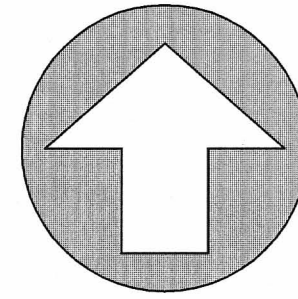
CROSS-SECTIONS
B-35 thru B-23 & B-5
FOR EXCAVATION & BACKFILL

Project phase:	INITIAL
Designer:	CIVIL & ELECTRICAL JVR
Project No.:	1653
Project Date:	04-09-2009
Professional Engineer of Record:	CLAUDIA S. WYATT, P.E.
Engineer	51532
Certificate No.	

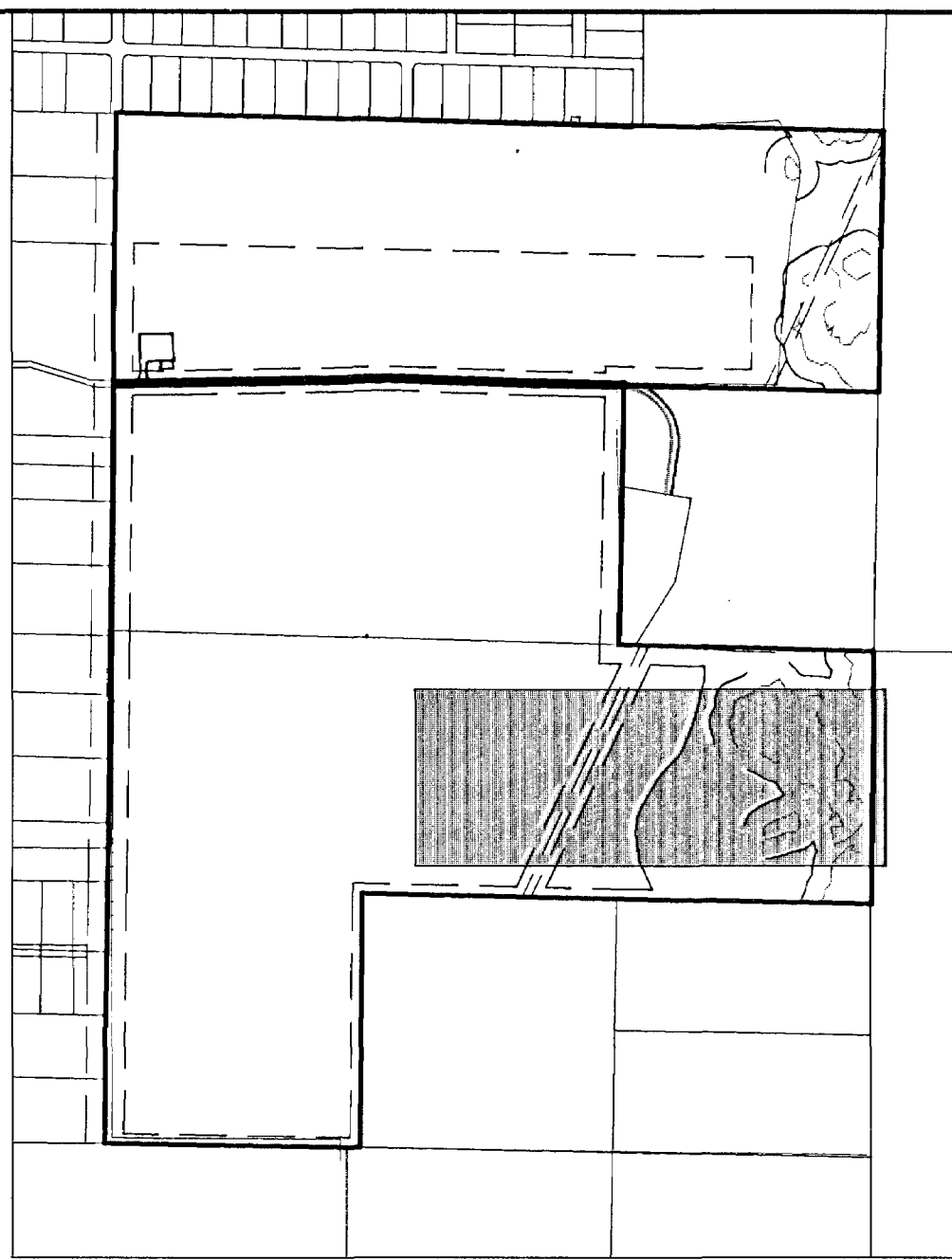
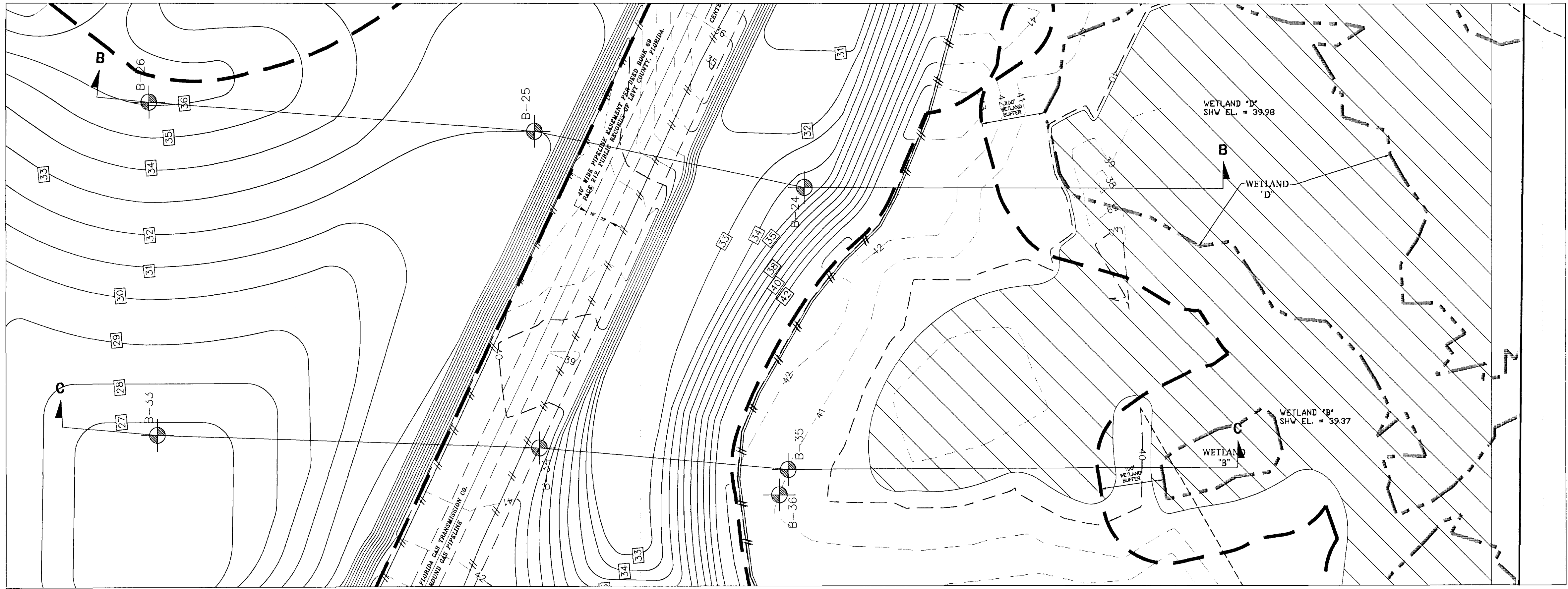
C5.06

	PROPOSED SILT FENCE
	EXISTING GROUND
	SEASONAL HIGH GROUNDWATER TABLE (SHGT) (PERCHED WATER TABLE)
	PROPOSED GRADE FOR EXCAVATION
	PROPOSED GRADE FOR BACKFILL
	EXISTING FENCELINE

SW-1000
E-1000
AUG 19 2010
SFO-REG

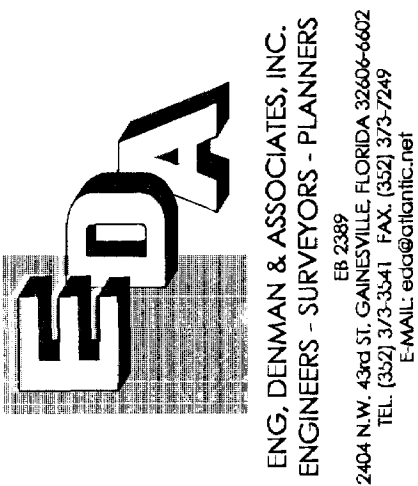


\\Server3\eng\projects\KNIGHT_FARM_SANI_MINE\Plan_Sets\16-90-10_SVF\MD_Revision\K09025\1-Vetlands.dwg - SHEET 2



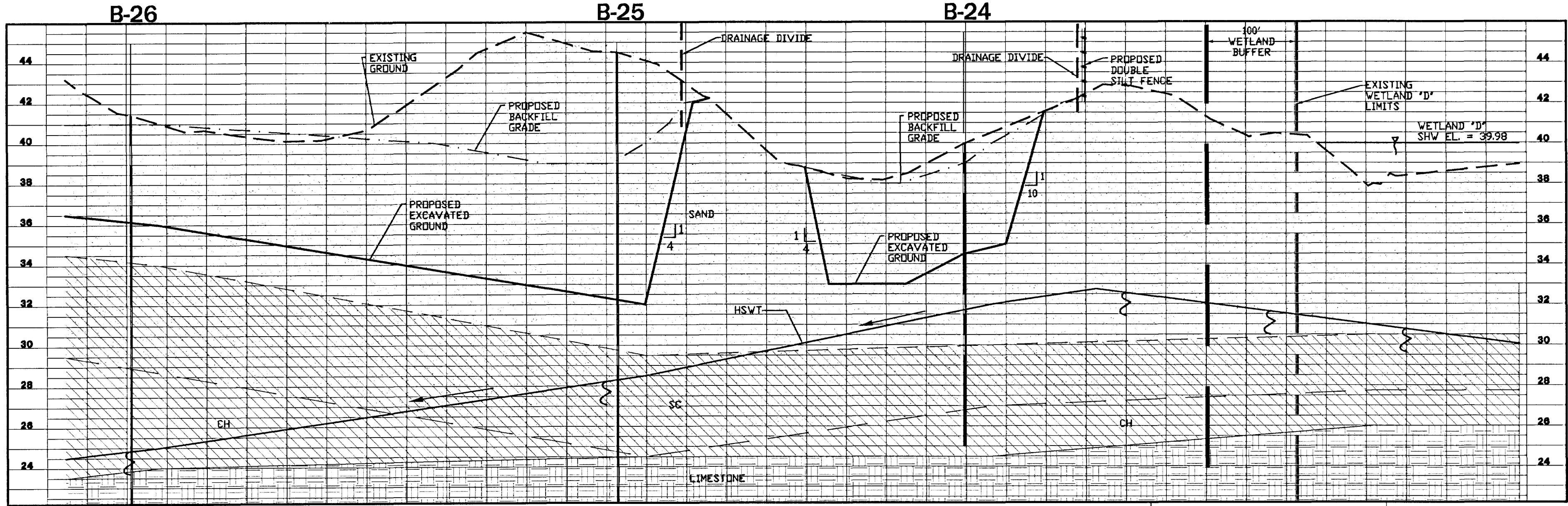
LOCATION MAP
N.T.S.

SCALE:
HORIZONTAL: 1"=100'
VERTICAL: 1"=4'

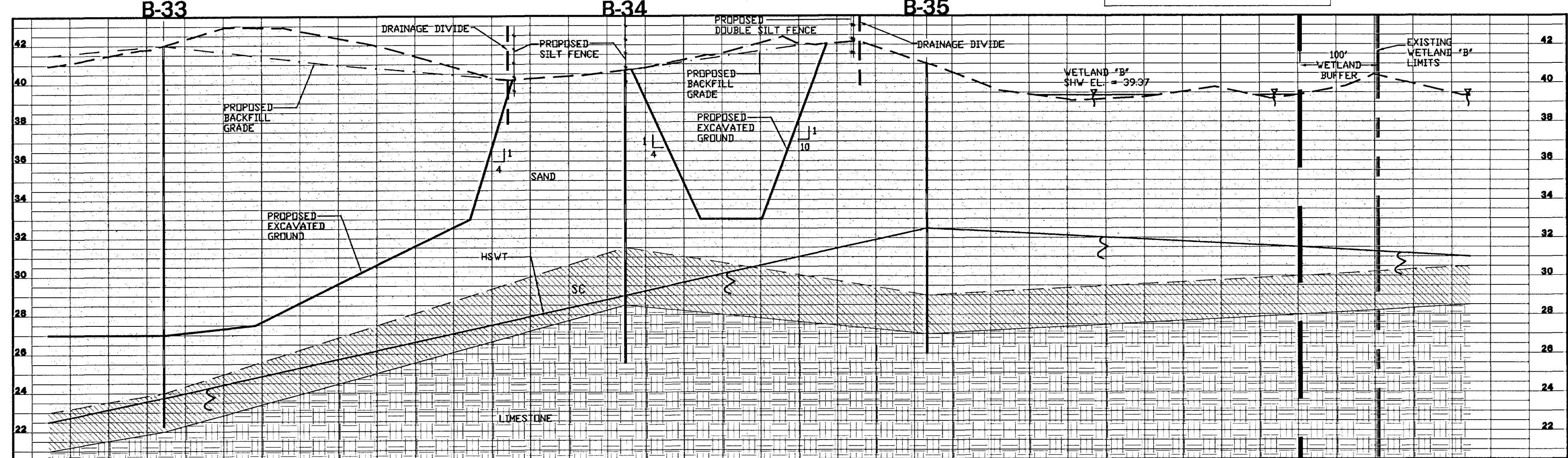


LEVY COUNTY SAND PIT
KNIGHT FARM
LEVY COUNTY, FLORIDA

WETLANDS CROSS-SECTIONS
SHEET 2 of 2



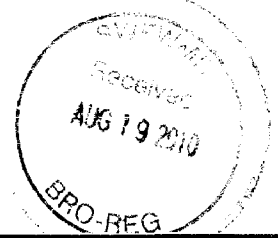
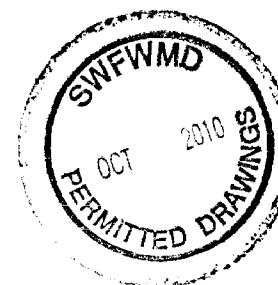
CROSS-SECTION B - B



CROSS-SECTION C - C

LEGEND

- PROPOSED SILT FENCE
- EXISTING GROUND
- 100' WETLAND BUFFER
- EXISTING WETLAND LIMITS
- HIGH SEASONAL WATER TABLE (HSWT)
(PERCHED WATER TABLE)



Project: LEVY COUNTY SAND PIT
Sheet title: WETLANDS CROSS-SECTIONS
DESIGNED BY: JVR
PROJECT NO.: 1605-125
DATE: 11/13/2009
CHECKED BY: [Signature]
DATE: 11/13/2009
PROJECT ENGINEER OF RECORD: [Signature]
DATE: 11/13/2009
CLAUDIA S. [Name]
ENGINEER
51532
Certificate No.

C6.01

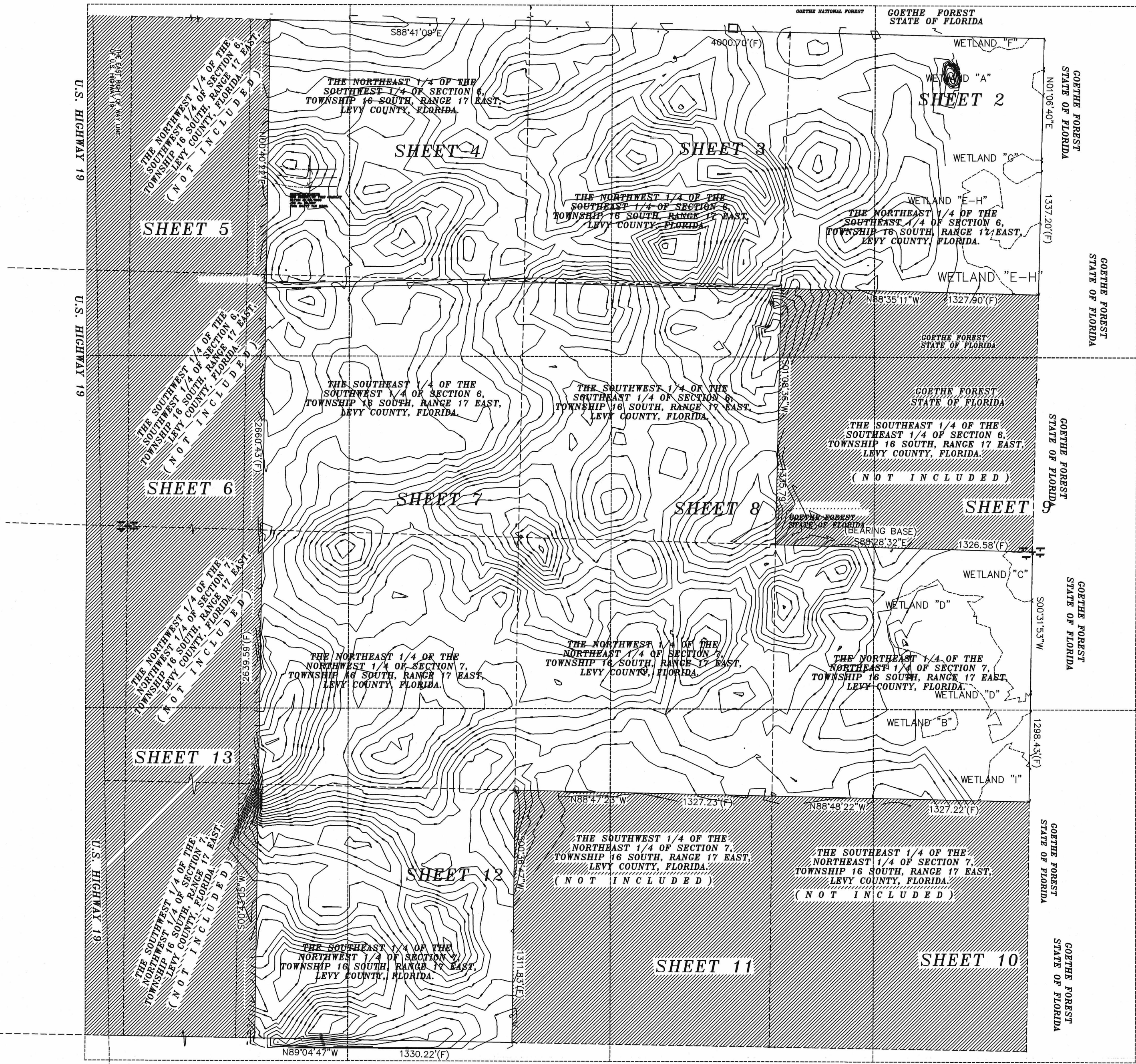
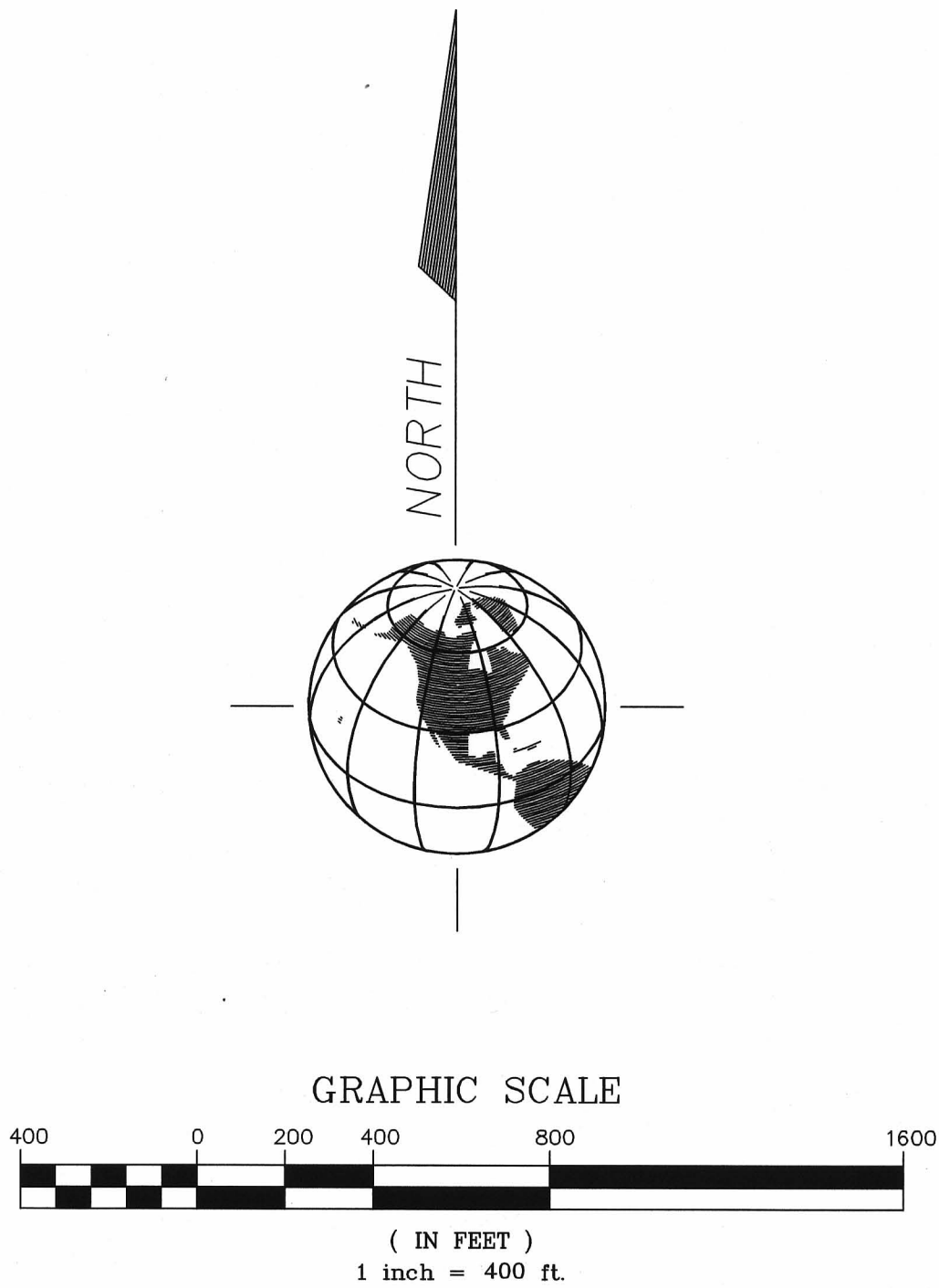
BOUNDARY AND TOPOGRAPHIC SURVEY

CERTIFIED TO MEET FLORIDA MINIMUM
TECHNICAL STANDARDS TO:
MONTY VAN NESS

LEGAL DESCRIPTION:

EAST 1/2 OF THE SOUTHWEST 1/4 AND THE NORTH 1/2 OF THE SOUTHEAST
1/4 AND THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
AND
NORTH 1/2 OF THE NORTHEAST 1/4 AND THE EAST 1/2 OF THE NORTHWEST
1/4 OF SECTION 7, TOWNSHIP 16 SOUTH, RANGE 17 EAST, LEVY COUNTY,
FLORIDA.

SURVEYOR'S NOTES:
1) THE WETLAND JURISDICTION LINES SHOWN HEREON WERE ESTABLISHED IN THE FIELD IN
APRIL AND MAY, 2009 IN ACCORDANCE WITH CHAPTER 62-340 FLORIDA ADMINISTRATIVE
CODE AND THE CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (JANUARY 1987)
BY MICHAEL G. CZERWINSKI, P.A., ENVIRONMENTAL CONSULTANTS AND REPRESENT THE
CONDITIONS PRESENT ON THAT DATE. STAFF INCLUDES PROFESSIONAL WETLAND
SCIENTISTS AND U.S. ARMY CORPS OF ENGINEERS CERTIFIED WETLAND DELINEATORS.
AND
THE WETLAND LINES REPRESENTING THE LIMITS OF WETLANDS AND/OR SURFACE WATERS
OF THE STATE WERE INSPECTED AND APPROVED BY BARRY BILLETS OF THE SOUTHWEST
FLORIDA WATER MANAGEMENT DISTRICT ON NOVEMBER 10, 2009, AND ON MARCH 9th AND
18th, 2010.
AND
THE HYDROLOGIC INDICATORS SHOWN HEREON WERE INSPECTED BY BARRY BILLETS OF
THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT ON MARCH 9th AND MARCH 18th,
2010.



THIS SURVEY IS NOT VALID WITHOUT ALL
14 OF 14 SHEETS
SHEET 1 OF 14 SHEETS
SEE SHEETS 2-13 OF 14 FOR DETAILS
SEE SHEET 14 OF 14 FOR STATE PLANE
COORDINATES.

361.90 ACRES, MORE OR LESS

BENCHMARK REFERENCE:

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC
SURVEY BENCHMARK "LEVY 58" (BEING A BRASS NATIONAL GEODETIC
SURVEY DISK SET IN A 12" DIAMETER CONCRETE MONUMENT) - DISK
STAMPED "LEVY 58 1996"; ELEVATION = 31.79 FEET N.A.V.D. 1988.
AND
NATIONAL GEODETIC SURVEY BENCHMARK "X 587" (BEING A STAINLESS
STEEL ROD ENCASED IN A SLEEVE); BENCHMARK STAMPED "X 587 2003";
ELEVATION = 38.10 FEET N.A.V.D. 1988.

STATE PLANE COORDINATES REFERENCE:

FLORIDA ZONE WEST - STATE PLANE COORDINATES - FIELD OBSERVATIONS
ARE REFERENCED TO NATION GEODETIC SURVEY BENCHMARK "LEVY 58"
(BEING A BRASS NATIONAL GEODETIC SURVEY DISK SET IN A 12" DIAMETER
CONCRETE MONUMENT) - STAMPED LEVY 58 1996; M.A.D. 83(2007)
NORTHING = 1,740,410.82
EASTING = 452,891.31
SCALE FACTOR 0.99998853
CONVERGENCE -0 18 35.4

(SEE SHEET 14 FOR STATE PLANE COORDINATES)

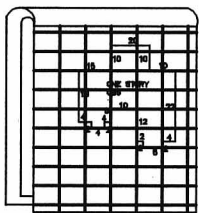
LEGEND

- (P) PLAT (F) FIELD
- (D) DEED (C) CALCULATED
- N NORTH E EAST
- S SOUTH W WEST
- DENOTES EXISTING 4"x 4" CONCRETE MONUMENT "NO IDENTIFICATION"
- DENOTES SET 5/8" REBAR & CAP "P.L.S. 4127"
- DENOTES EXISTING 5/8" REBAR & CAP "NO IDENTIFICATION"
- P.R.M. PERMANENT REFERENCE MONUMENT
- P.C.P. PERMANENT CONTROL POINT
- P.C. POINT OF CURVATURE
- P.T. POINT OF TANGENCY
- P.I. POINT OF INTERSECTION
- R/W RIGHT OF WAY LINE
- CONC CONCRETE
- ⊙ CENTERLINE
- ⊙ ANCHOR WIRE
- ⊙ UTILITY POLE
- ⊙ OVERHEAD UTILITY LINE
- ⊙ DENOTES LINE NOT TO SCALE
- ⊙ WATER METER ⊙ TELEPHONE RISER
- ⊙ 4" WELL ⊙ CABLE TV
- ⊙ CONCRETE ⊙ ELECTRIC BOX
- ⊙ COVERED AREA ⊙ WOOD DECK

WILLIAMS SURVEYING, INC.

PROFESSIONAL SURVEYORS AND MAPPERS

11759 North Williams Street
Dunnellon, Florida 34432
Phone (352) 465-0367
Fax (352) 489-0922



State Certificate No. 0006619

GENERAL NOTES AND REPORT

- BEARING BASED ON: STATE PLANE COORDINATES - FLORIDA WEST ZONE, NATIONAL GEODETIC SURVEY CONTROL STATION "LEVY 58" (SEE REFERENCE HEREON)
- UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS WERE NOT LOCATED BY THIS SURVEY, UNLESS OTHERWISE SHOWN.
- DESCRIPTION TAKEN FROM ABSTRACT BY "WILSON ABSTRACT AND TITLE INSURANCE CO." 602 EAST HATHAWAY AVE. (P.O. BOX 67, BRONSON, FL. 32631). ABSTRACT DATED 3-26-2009; RE: KNIGHT PROPERTY; WATC FILE NO. 09-057 FROM MAY 5th, 1973 THRU MARCH 20th, 2009
- LANDS SHOWN HEREON WERE ABSTRACTED BY "WILSON ABSTRACT AND TITLE INSURANCE CO." 602 EAST HATHAWAY AVE. (P.O. BOX 67, BRONSON, FL. 32631). ABSTRACT DATED 3-26-2009; RE: KNIGHT PROPERTY; WATC FILE NO. 09-057 FROM MAY 5th, 1973 THRU MARCH 20th, 2009
- THIS SKETCH IS NOT VALID UNLESS SIGNED BY THE SURVEYOR IN RESPONSIBLE CHARGE AND SEALED WITH AN EMBOSSED SURVEYOR'S SEAL.
- THIS SURVEY IS BASED ON THE MONUMENTATION AND OCCUPATION AS FOUND DURING THE COURSE OF THE FIELD SURVEY, AS CORRESPONDS WITH THE ABSTRACT OF TITLE AND ADDITIONAL FIELD INVESTIGATIONS BY THIS SURVEYOR.

- NO ONE OTHER THAN THE ENTITIES NAMED HEREON SHOULD RELY ON THIS SURVEY.
- NO RESPONSIBILITY OR LIABILITY IS ASSUMED BY THE UNDERSIGNED SURVEYOR FOR ANY OTHER PURPOSE OTHER THAN THAT IS STATED IN THE CERTIFICATION, BUT NOT LIMITED TO, USE OF THIS SURVEY FOR THE PURPOSE OF SURVEY AFFIDAVIT, RESALE OF PROPERTY, OR TO ANY OTHER PERSON NOT LISTED IN THIS CERTIFICATION, EITHER DIRECTLY OR INDIRECTLY.
- ENCROACHMENTS AS SHOWN HEREON ARE ONLY ABOVEGROUND, VISIBLE OBJECTS OBSERVED BY THE UNDER-SIGNED SURVEYOR. NO CERTIFICATION IS MADE OR IMPLIED THAT THOSE OBJECTS LABELED "ENCROACHMENT" ACTUALLY ENCROACH OR TRESPASS UPON THE OWNERSHIP OF THE SUBJECT PROPERTY, ONLY THAT OBJECTS APPEAR TO ENCROACH OVER THOSE PROPERTY BOUNDARIES.
- THE ERROR OF CLOSURE FOR THIS SURVEY IS 1:75,000.
- THE SURVEY DEPICTED HERE IS NOT COVERED BY PROFESSIONAL LIABILITY INSURANCE.
- ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- OFFSETS AS SHOWN HEREON ARE PERPENDICULAR OR RADIAL FROM BUILDING CORNERS TO PROPERTY BOUNDARIES AND SHOULD NOT BE USED TO RE-ESTABLISH SAID BOUNDARIES.

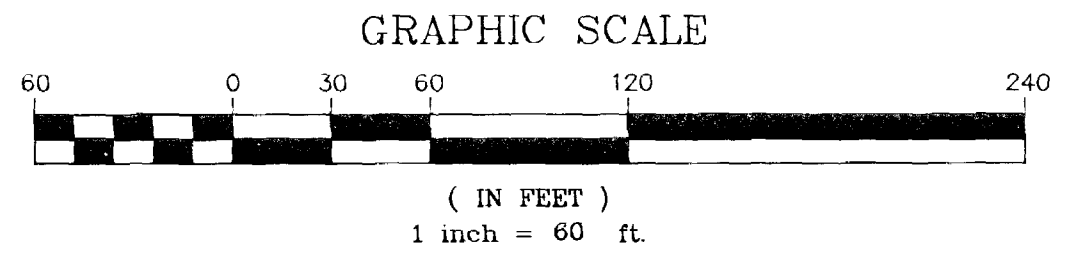
PROJECT INFORMATION

DRAWING FILE NAME	09-026
SCALE	VARIES
JOB NO:	09-026
FIELD BOOK NO.	102
FIELD WORK	M.L.W.
DATE COMPLETED	04-10-2009
DRAWN BY	C.J.
REVISION DATE	---
ADDED WETLANDS	12-14-2009
REVISE WETLANDS (field)	06-15-2010
ADDED SEASONAL HIGH WATER POINTS (field)	06-15-2010
ADDED FP AND SHW ELEV TABLE	---
---	08-06-2010
REVISE WETLAND NOTES	08-06-2010

This certification is made specifically and only to the parties above, for the purpose of a Boundary and Topographic Survey and Wetland Location as delineated by others on the above described property. This sketch meets the Minimum Technical Standards set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 61G17-6, Florida Administrative Code pursuant to Section 472.027, Florida Statutes only.

Martha L. Williams SIGNATURE DATE
Florida Professional Surveyor and Mapper
Florida Registration Number 4127

NOT VALID UNLESS SIGNED, AND
STAMPED WITH EMBOSSED SEAL.



GOETHE FOREST STATE OF FLORIDA

LEVY COUNTY PARCEL
ID # 03838-000-00

LINE TABLE (WETLAND "F")		
LINE	LENGTH	BEARING
L102	77.19	N89°41'09"W
L103	57.88	N37°52'28"E
L104	75.58	S79°21'22"W
L105	48.97	N71°34'18"W
L106	26.14	S73°44'21"W
L107	31.02	S50°19'29"W
L108	34.34	N76°32'28"W
L109	56.15	N40°35'13"W
L110	37.79	N42°04'18"W

SAMPLE LOCATION	TYPE OF INDICATOR (FLOOD POOL OR SHW)	ELEVATION (1)	FP AND SHW AVERAGE ELEVATIONS (1) (STANDARD DEVIATION IN PARENTHESES)
EPH1	FLOOD POOL	39.38	39.40 (+/-0.10)
EPH2	FLOOD POOL	39.31	39.31
ESH1	SHW	39.31	39.31
ESH2	SHW	39.31	39.31
ESH3	SHW	39.31	39.31
ESH4	SHW	39.31	39.31
ESH5	SHW	39.31	39.31
ESH6	SHW	39.31	39.31
ESH7	SHW	39.31	39.31
ESH8	SHW	39.31	39.31
ESH9	SHW	39.31	39.31
ESH10	SHW	39.31	39.31
ESH11	SHW	39.31	39.31
ESH12	SHW	39.31	39.31
ESH13	SHW	39.31	39.31
ESH14	SHW	39.31	39.31
ESH15	SHW	39.31	39.31
ESH16	SHW	39.31	39.31
ESH17	SHW	39.31	39.31
ESH18	SHW	39.31	39.31
ESH19	SHW	39.31	39.31
ESH20	SHW	39.31	39.31
ESH21	SHW	39.31	39.31
ESH22	SHW	39.31	39.31
ESH23	SHW	39.31	39.31
ESH24	SHW	39.31	39.31
ESH25	SHW	39.31	39.31
ESH26	SHW	39.31	39.31
ESH27	SHW	39.31	39.31
ESH28	SHW	39.31	39.31
ESH29	SHW	39.31	39.31
ESH30	SHW	39.31	39.31
ESH31	SHW	39.31	39.31
ESH32	SHW	39.31	39.31
ESH33	SHW	39.31	39.31
ESH34	SHW	39.31	39.31
ESH35	SHW	39.31	39.31
ESH36	SHW	39.31	39.31
ESH37	SHW	39.31	39.31
ESH38	SHW	39.31	39.31
ESH39	SHW	39.31	39.31
ESH40	SHW	39.31	39.31
ESH41	SHW	39.31	39.31
ESH42	SHW	39.31	39.31
ESH43	SHW	39.31	39.31
ESH44	SHW	39.31	39.31
ESH45	SHW	39.31	39.31
ESH46	SHW	39.31	39.31
ESH47	SHW	39.31	39.31
ESH48	SHW	39.31	39.31
ESH49	SHW	39.31	39.31
ESH50	SHW	39.31	39.31
ESH51	SHW	39.31	39.31
ESH52	SHW	39.31	39.31
ESH53	SHW	39.31	39.31
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ESH57	SHW	39.31	39.31
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ESH59	SHW	39.31	39.31
ESH60	SHW	39.31	39.31
ESH61	SHW	39.31	39.31
ESH62	SHW	39.31	39.31
ESH63	SHW	39.31	39.31
ESH64	SHW	39.31	39.31
ESH65	SHW	39.31	39.31
ESH66	SHW	39.31	39.31
ESH67	SHW	39.31	39.31
ESH68	SHW	39.31	39.31
ESH69	SHW	39.31	39.31
ESH70	SHW	39.31	39.31
ESH71	SHW	39.31	39.31
ESH72	SHW	39.31	39.31
ESH73	SHW	39.31	39.31
ESH74	SHW	39.31	39.31
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ESH78	SHW	39.31	39.31
ESH79	SHW	39.31	39.31
ESH80	SHW	39.31	39.31
ESH81	SHW	39.31	39.31
ESH82	SHW	39.31	39.31
ESH83	SHW	39.31	39.31
ESH84	SHW	39.31	39.31
ESH85	SHW	39.31	39.31
ESH86	SHW	39.31	39.31
ESH87	SHW	39.31	39.31
ESH88	SHW	39.31	39.31
ESH89	SHW	39.31	39.31
ESH90	SHW	39.31	39.31
ESH91	SHW	39.31	39.31
ESH92	SHW	39.31	39.31
ESH93	SHW	39.31	39.31
ESH94	SHW	39.31	39.31
ESH95	SHW	39.31	39.31
ESH96	SHW	39.31	39.31
ESH97	SHW	39.31	39.31
ESH98	SHW	39.31	39.31
ESH99	SHW	39.31	39.31
ESH100	SHW	39.31	39.31

(1) SEE ICHAS G. CZECHOWSKI, P.A., ENVIRONMENTAL CONSULTANTS, MEMO DATED JUNE 28, 2010 FOR FURTHER INFORMATION.
(2) POINT WAS ADDED OR HAD ELEVATION RAISED DURING SWAMP INSPECTION.
(3) THIS POINT MOST LIKELY REPRESENTS A FLOOD POOL ELEVATION.

LINE TABLE (WETLAND "A")		
LINE	LENGTH	BEARING
L111	138.86	S61°18'51"W
L112	170.27	S88°32'20"E
L113	35.19	S01°35'29"E
L114	33.90	S27°45'32"E
L115	36.79	S21°07'20"E
L116	20.99	S13°31'01"W
L117	35.18	S58°03'22"W
L118	36.29	N42°36'19"W
L119	25.41	N28°34'49"W
L120	31.25	N04°21'12"W
L121	36.50	N08°24'51"E
L122	22.79	N47°27'57"E

THE NORTHEAST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 03841-000-00

BUFFER ZONE

LOCATION OF IMPROVEMENTS, FENCES, AND TREES
NOT DETERMINED IN THIS AREA PER CLIENT'S REQUEST!

LOCATION OF IMPROVEMENTS, FENCES, AND TREES
NOT DETERMINED IN THIS AREA PER CLIENT'S REQUEST!

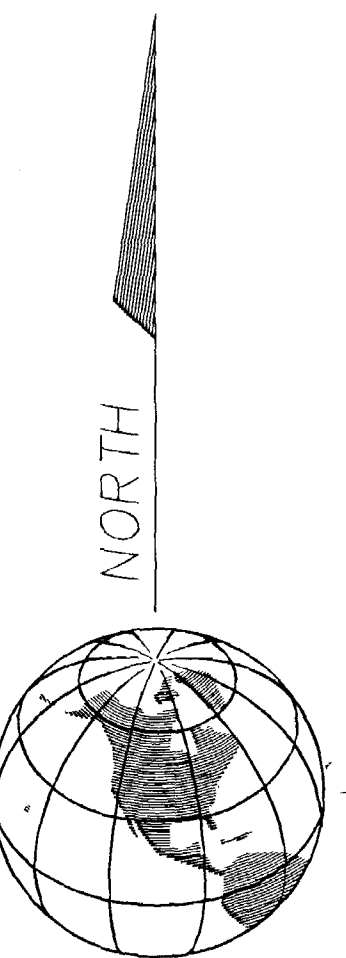
THE EAST LINE OF THE NORTHEAST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6, TOWNSHIP 16 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.
(BASED ON FLORIDA DEPARTMENT OF NATURAL
RESOURCES - CERTIFIED CORNER RECORD
No. 0043392, BY BANNERMAN SURVEYORS, INC.)

LINE TABLE (WETLAND "C")		
LINE	LENGTH	BEARING
L126	45.82	N88°50'39"W
L127	62.73	N58°05'11"W
L128	50.73	S62°22'40"W
L129	63.48	S63°35'33"W
L130	45.34	S02°04'16"E
L131	41.12	S44°12'32"E
L132	47.72	S58°00'01"E
L133	74.32	N62°21'11"E
L134	46.08	S57°00'13"W
L135	21.04	S88°53'20"E

LINE TABLE (WETLAND "E")		
LINE	LENGTH	BEARING
L136	135.61	N88°35'11"W
L137	18.44	N03°44'11"W
L138	66.63	N52°11'59"W
L139	76.99	N37°26'19"W
L140	27.56	N57°36'48"W
L141	18.85	N64°00'22"W
L142	27.55	S73°31'55"W
L143	37.57	N71°05'50"W
L144	36.39	N70°27'34"W
L145	34.63	N31°16'33"W
L146	105.45	N09°11'58"W
L147	45.42	N54°49'05"W
L148	36.59	N49°32'50"E
L149	66.00	N04°54'13"E
L150	109.49	N08°10'46"E
L151	38.07	N66°28'32"E
L152	44.09	N60°02'28"W
L153	25.65	N06°50'55"W
L154	68.01	N57°58'53"E
L155	63.39	N59°13'00"E
L156	46.90	S61°58'16"E
L157	47.19	S50°27'54"E
L158	94.42	S08°28'42"E
L159	58.86	S07°11'41"E
L160	30.86	N58°41'19"W
L161	69.87	S61°08'05"W
L162	40.28	S17°58'08"W
L163	60.22	S16°03'22"E
L164	26.73	S12°42'45"E
L165	41.76	N49°05'32"E
L166	54.01	S17°55'40"W
L167	46.74	S82°08'22"E
L168	30.26	S04°21'48"E
L169	28.85	S66°35'39"E
L170	27.05	N85°57'51"E
L171	50.08	N33°54'11"E
L172	33.66	N45°00'45"E
L173	25.24	S83°30'13"E
L174	56.99	N29°42'58"E
L175	53.73	N69°32'18"E

SURVEYOR'S NOTES:
(1) THE WETLAND JURISDICTION LINES SHOWN HEREON WERE ESTABLISHED IN THE FIELD IN
APRIL AND MAY, 2009 IN ACCORDANCE WITH CHAPTER 62-340 FLORIDA ADMINISTRATIVE CODE
AND THE CORPS OF ENGINEERS WETLANDS Delineation Manual (January 1987) BY MICHAEL
AND THE CORPS OF ENGINEERS WETLANDS Delineation Manual (January 1987) BY MICHAEL
ON THE DATE STATE ENGINEERS PROFESSIONAL WETLAND SCIENTISTS AND U.S. ARMY CORPS
OF ENGINEERS CERTIFIED WETLAND DELINEATORS.
AND
THE WETLAND LINES REPRESENTING THE LIMITS OF WETLANDS AND/OR SURFACE WATERS OF
THE NORTHEAST 1/4 OF SECTION 6, TOWNSHIP 16 SOUTH, RANGE 17 EAST, LEVY COUNTY, FLORIDA
WAS INSPECTED BY BARRY BILLETTS OF THE
AND THE HYDROLOGIC INDICATORS SHOWN HEREON WERE INSPECTED BY BARRY BILLETTS OF THE
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT ON MARCH 9th AND MARCH 18th, 2010.

GOETHE FOREST
STATE OF FLORIDA



GOETHE FOREST
STATE OF FLORIDA

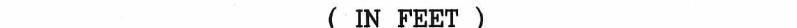
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THE SOUTHEAST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

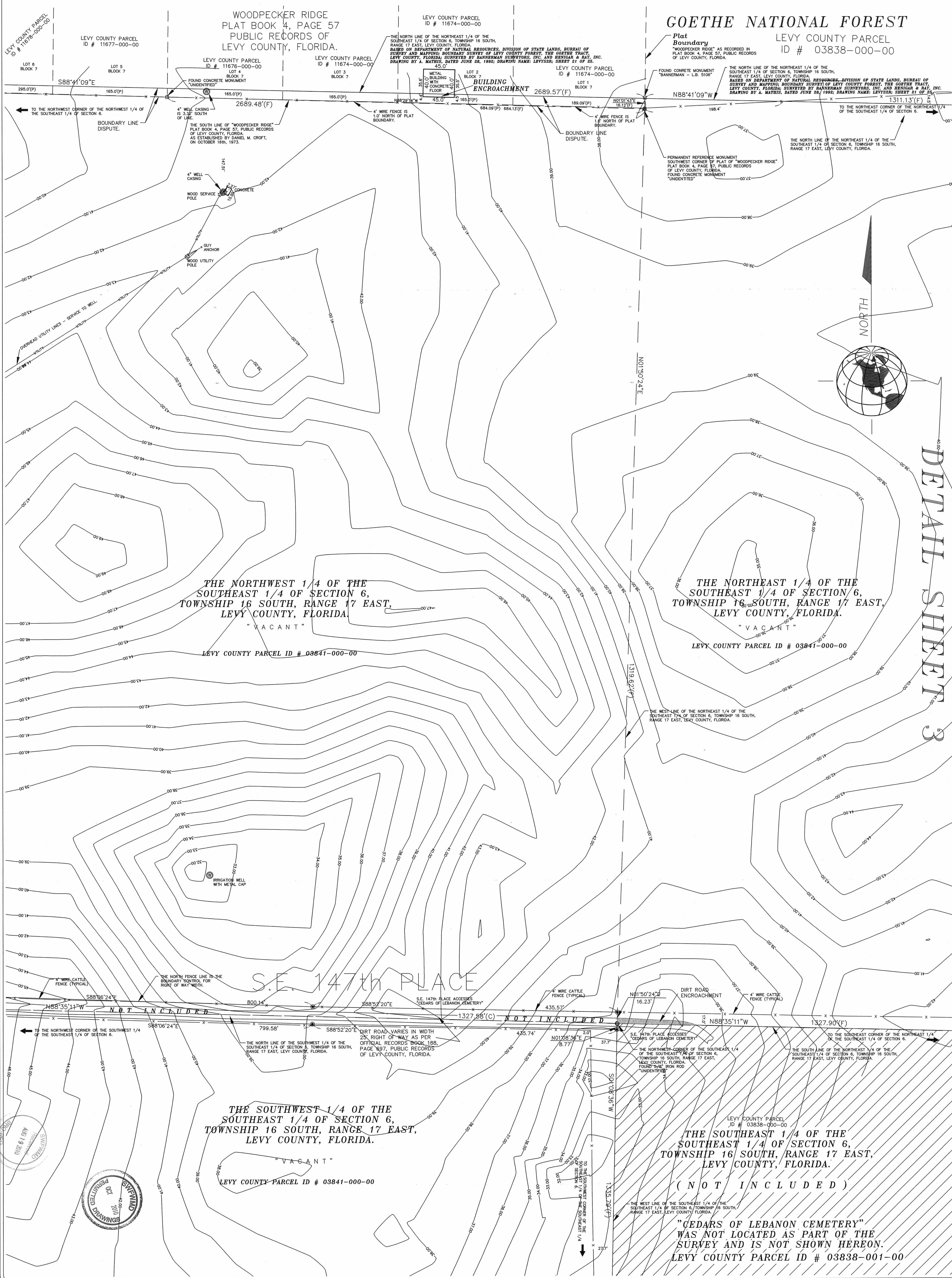
LEVY COUNTY PARCEL
ID # 03838-000-00

LEVY COUNTY PARCEL
ID # 03837-000-00

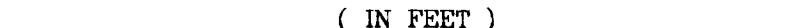
GRAPHIC SCALE



(IN FEET)
1 inch = 60 ft.



GRAPHIC SCALE



(IN FEET)
1 inch = 60 ft.

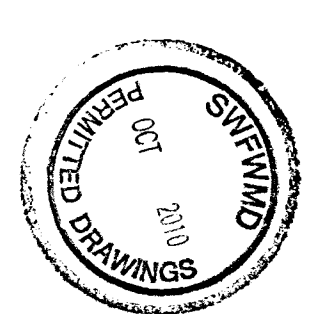
DETAILED SHEET

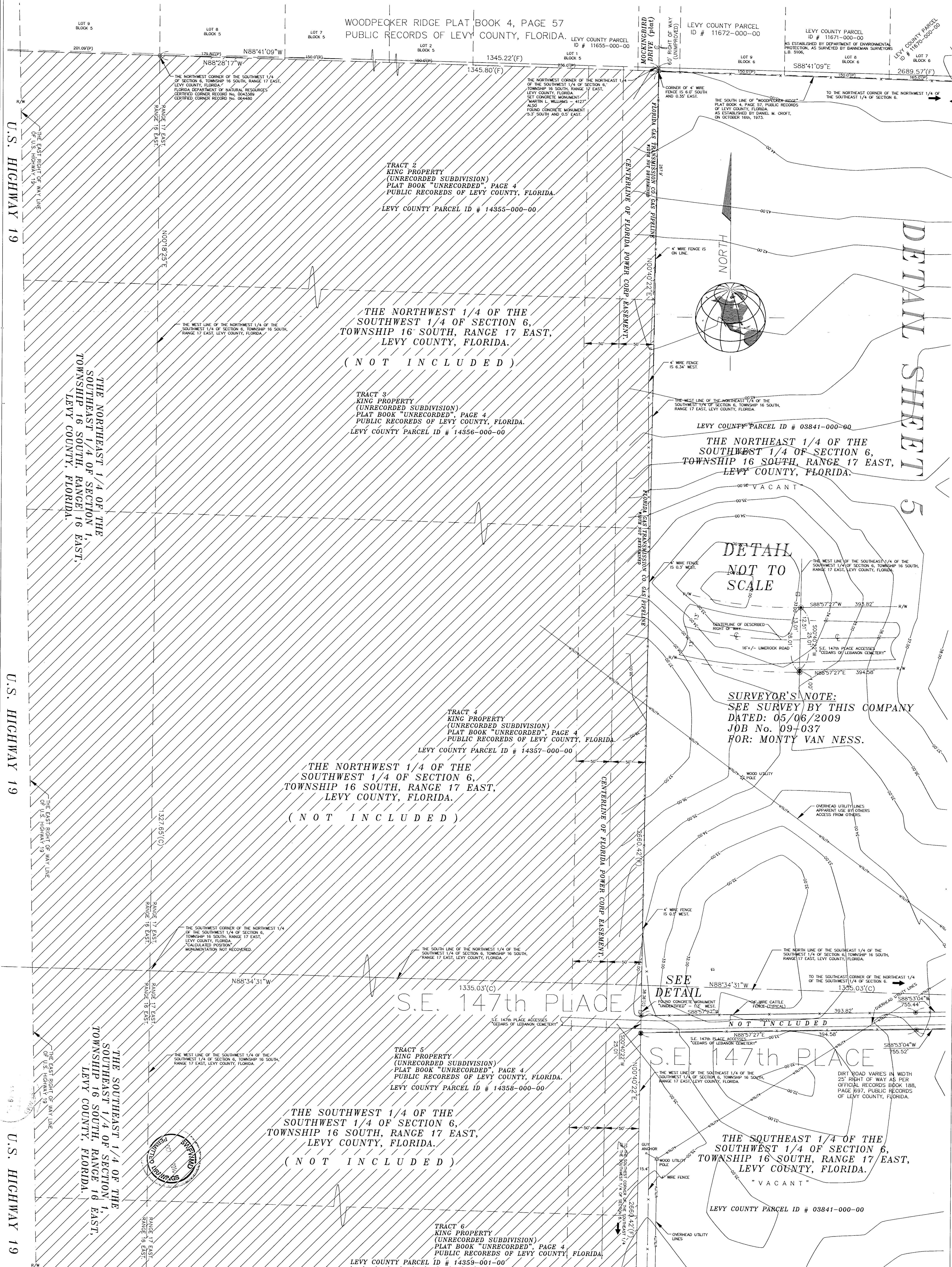
S.E. 147th PLACE

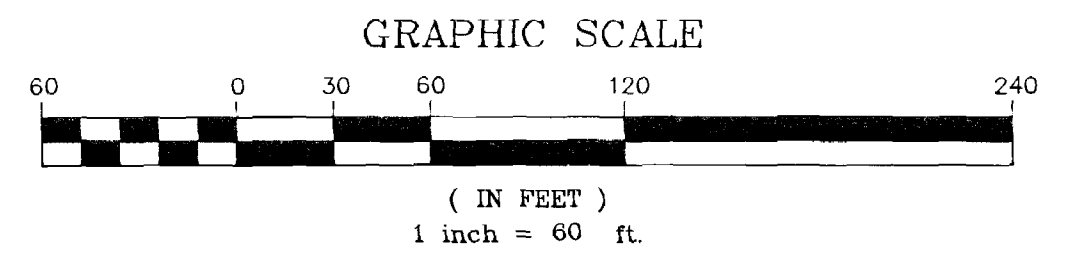
THE SOUTHEAST 1/4 OF THE
SOUTHWEST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

THE NORTHWEST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

~~THE SOUTHWEST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST
LEVY COUNTY, FLORIDA.~~







U.S. HIGHWAY 19

U.S. HIGHWAY 19

U.S. HIGHWAY 19

THE SOUTHEAST 1/4 OF THE
SOUTHWEST 1/4 OF SECTION 1,
TOWNSHIP 16 SOUTH, RANGE 16 EAST,
LEVY COUNTY, FLORIDA.

THE NORTHEAST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 12,
TOWNSHIP 16 SOUTH, RANGE 16 EAST,
LEVY COUNTY, FLORIDA.

TRACT 6
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 14359-000-00

TRACT 7
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 14360-000-00

THE SOUTHWEST 1/4 OF THE
SOUTHWEST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
(NOT INCLUDED)

TRACT 8
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 14361-000-00

TRACT 9
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 14362-000-00

THE NORTHWEST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
(NOT INCLUDED)

TRACT 10
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 14362-002-00

TRACT 11
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 14363-000-00

THE SOUTHEAST 1/4 OF THE
SOUTHWEST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

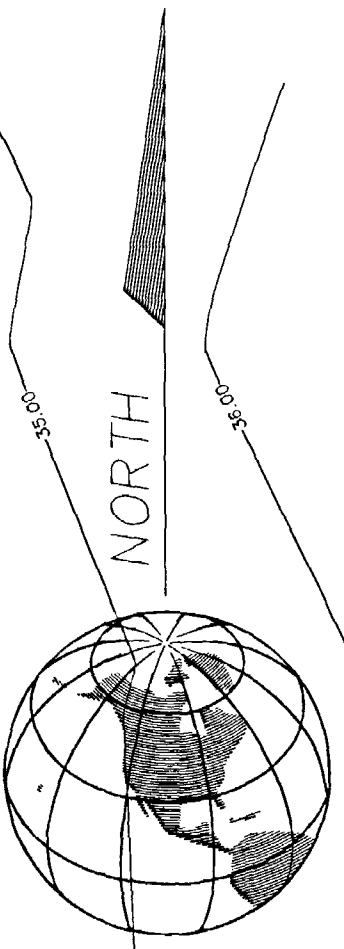
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LEVY COUNTY PARCEL ID # 03841-000-00

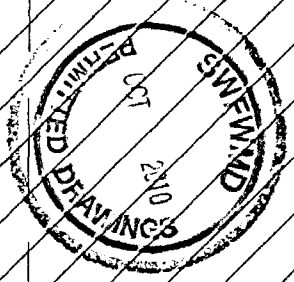
THE NORTHEAST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

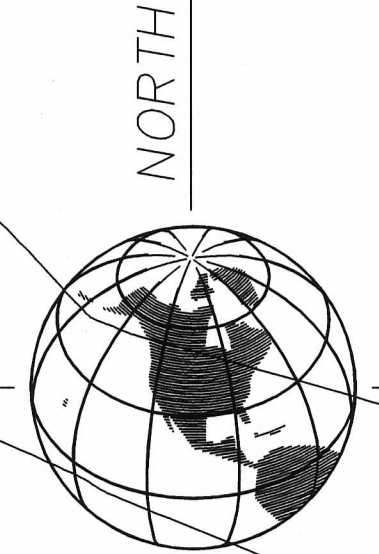
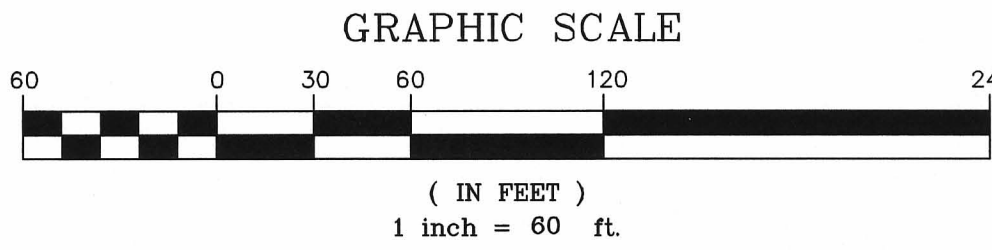
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LEVY COUNTY PARCEL ID # 03846-000-00



DETAIL SHEET 6





THE SOUTHEAST 1/4 OF THE
SOUTHWEST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

" VACANT "

LEVY COUNTY PARCEL ID # 03841-000-00

THE SOUTHWEST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

" VACANT "

LEVY COUNTY PARCEL ID # 03841-000-00

SEE DETAIL

DETAIL
SHEET 7

TO THE SOUTHWEST CORNER OF THE SOUTHEAST 1/4
OF THE SOUTHWEST 1/4 OF SECTION 6.

N88°28'21"W

1324.92'(F)

THE NORTH LINE OF THE NORTHEAST 1/4 OF
THE NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

DETAIL
NOT TO SCALE

CONCRETE
SLAB
4.82'
8.66'
10.77'
11.45'

THE NORTHWEST CORNER OF THE NORTHEAST 1/4
OF SECTION 7, TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
FOUND CONCRETE MONUMENT
"BANNERMAN - L.B. 5105"
FLORIDA DEPARTMENT OF NATURAL RESOURCES
CERTIFIED CORNER RECORD NO. 0043394

TO THE NORTHWEST CORNER OF THE NORTHEAST 1/4
OF SECTION 6, TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
FOUND CONCRETE MONUMENT
"BANNERMAN - L.B. 5105"
FLORIDA DEPARTMENT OF NATURAL RESOURCES
CERTIFIED CORNER RECORD NO. 0043394

TO THE SOUTHWEST CORNER OF THE SOUTHWEST 1/4
OF THE SOUTHWEST 1/4 OF SECTION 6.

1326.83'(F)

THE NORTH LINE OF THE NORTHWEST 1/4 OF
THE NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 16 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.

THE NORTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

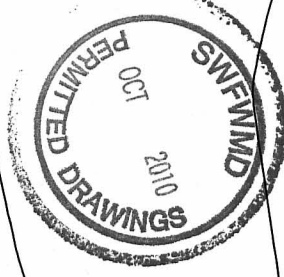
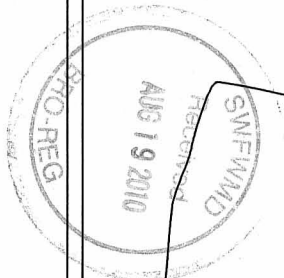
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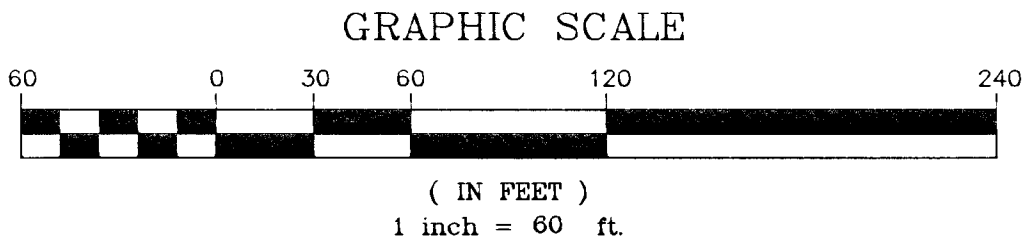
LEVY COUNTY PARCEL ID # 03846-000-00

THE NORTHEAST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

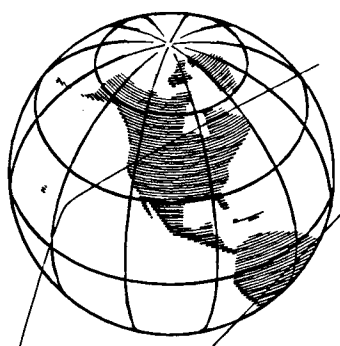
" VACANT "

LEVY COUNTY PARCEL ID # 03846-000-00





DETAIL SHEET 8



THE SOUTHWEST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

"VACANT"

LEVY COUNTY PARCEL ID # 03841-000-00

"CEDARS OF LEBANON CEMETERY"
WAS NOT LOCATED AS PART OF THE
SURVEY AND IS NOT SHOWN HEREON.
LEVY COUNTY PARCEL ID # 03838-001-00

THE SOUTHEAST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

(NOT INCLUDED)

GOETHE FOREST
STATE OF FLORIDA

LEVY COUNTY PARCEL
ID # 03838-000-00

S88°28'32"E
(BEARING BASE)

THE SOUTHWEST CORNER OF THE SOUTHEAST 1/4 OF
THE SOUTHEAST 1/4 OF SECTION 6, TOWNSHIP 16 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.
FOUND CONCRETE MONUMENT
"UNIDENTIFIED"

THE NORTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

"VACANT"

LEVY COUNTY PARCEL ID # 03846-000-00

THE NORTHEAST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

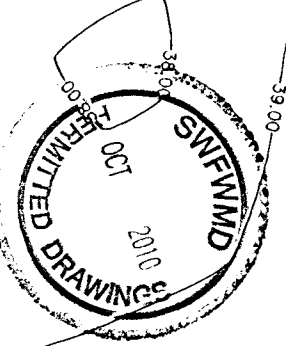
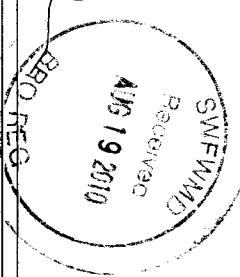
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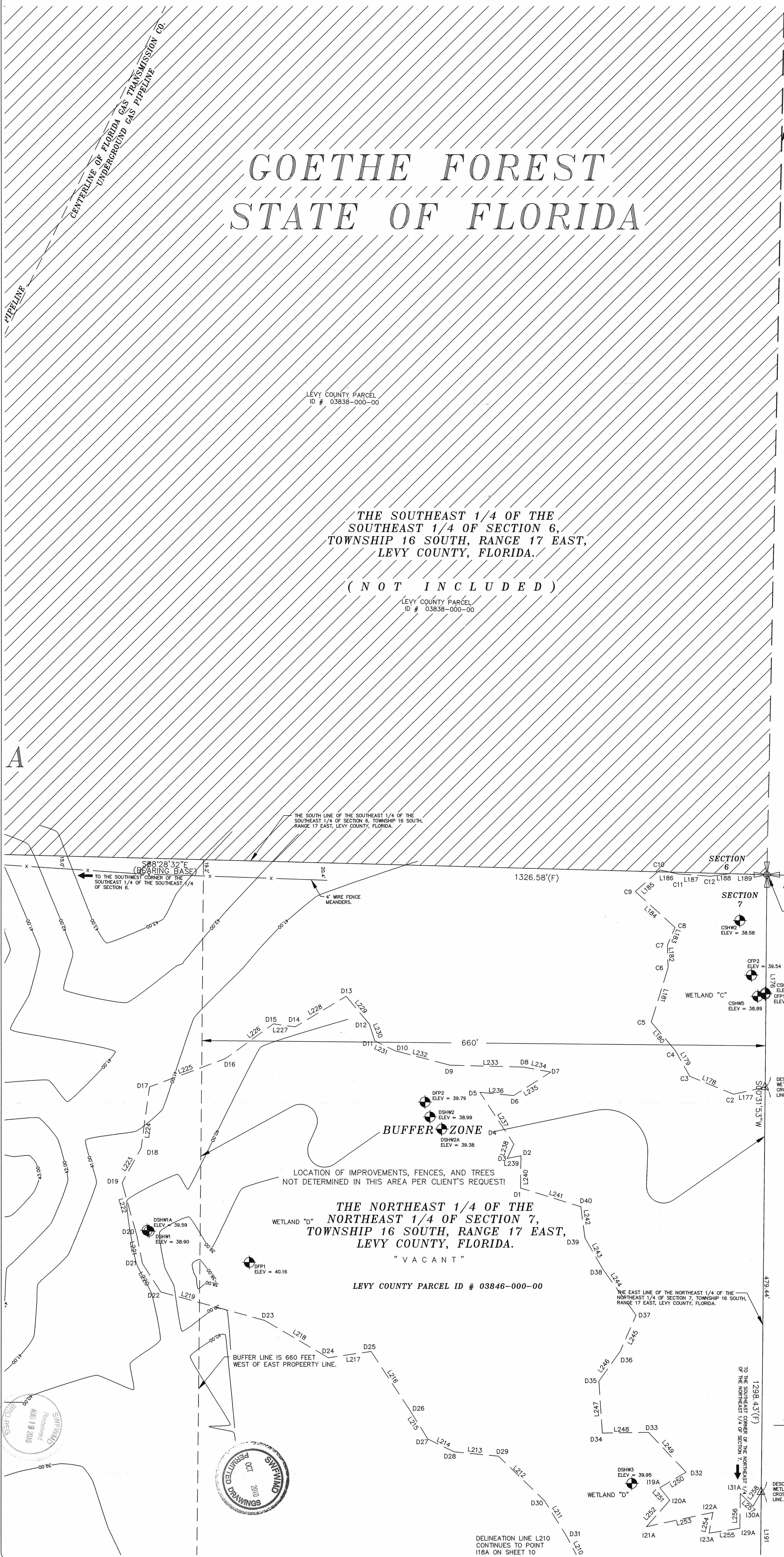
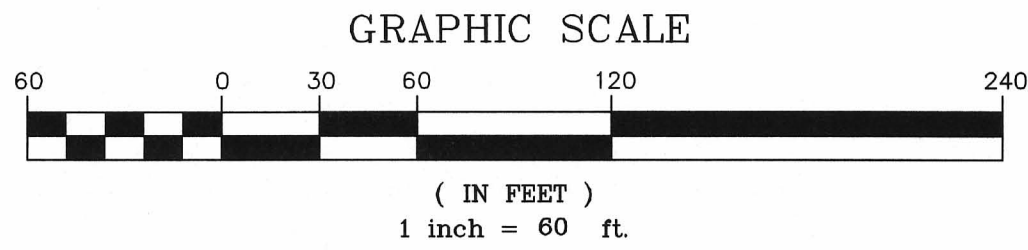
LEVY COUNTY PARCEL ID # 03846-000-00

THE WEST LINE OF THE NORTHEAST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 16 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.

40' WIDE PIPELINE EASEMENT PER DEED BOOK 69
PAGE 212, PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

1306.08 (F)
TO THE SOUTHWEST CORNER OF THE NORTHEAST 1/4
OF SECTION 7.





THE EAST LINE OF THE SOUTHEAST 1/4 OF THE
SOUTHEAST 1/4 OF SECTION 6, TOWNSHIP 16 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL
ID # 03837-000-00

LINE TABLE (WETLAND "C")		
L176	251.03	S00°31'53"W
L177	37.78	S77°19'02"W
L178	55.43	N67°36'47"W
L179	34.88	N28°51'01"W
L180	43.79	N39°41'19"W
L181	67.19	N17°08'51"E
L182	26.32	N01°50'46"W
L183	23.04	N23°13'27"E
L184	62.92	N47°37'32"W
L185	38.22	N48°21'28"E
L186	21.55	S77°28'50"E
L187	38.64	S85°59'37"E
L188	21.66	N81°59'59"E
L189	44.09	S88°28'32"E

THE NORTHEAST CORNER OF THE NORTHEAST 1/4 OF
SECTION 7, TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
FOUND CONCRETE MONUMENT
"UNIDENTIFIED"
FLORIDA DEPARTMENT OF NATURAL RESOURCES
CERTIFIED CORNER RECORD No. 0043383

LEVY COUNTY PARCEL
ID # 03849-000-00

GOETHE FOREST
STATE OF FLORIDA

SAMPLE LOCATION	TYPE OF INDICATOR (FLOOD POOL OR SHW)	ELEVATION (ft)	SP AND SW AVERAGE ELEVATIONS (1) (STANDARD DEVIATION IN PARENTHESES)
IFP1	FLOOD POOL	41.37	41.53 (+/-0.23)
IFP2(2)	FLOOD POOL	41.69	
ISHW1	SHW	40.30	
ISHW2(2)	SHW	40.77	40.54 (+/-0.33)
BFH1	FLOOD POOL	40.15	40.15 (0)
BSHW(2)	SHW	39.70	39.37 (+/-0.47)
DFP1	FLOOD POOL	40.16	
DFP2	FLOOD POOL	39.79	39.98 (+/-0.28)
DSHW1	SHW	38.90	
DSHW2(2)	SHW	38.99	39.36 (+/-0.43)(n=5 / no outliers)
DSHW2A(2)	SHW	38.98	39.32 (+/-0.30)
DSHW2B(2)	SHW	38.98	39.32 (+/-0.30)
DSHW2C(2)	SHW	38.93	(n=3 / removed high and low outliers)
CFP1	FLOOD POOL	39.39	39.47 (+/-0.11)
CFP2	FLOOD POOL	39.54	
CSHW2	SHW	38.58	
CSHW2(2)	SHW	38.11	38.86 (+/-0.27)
CSHW2C(2)	SHW	38.89	

(1) SEE MICHAEL G. CZERNIANSKI, P.A., ENVIRONMENTAL CONSULTANTS' MEMO DATED JUNE 28, 2010 FOR FURTHER INFORMATION.
(2) POINT WAS ADDED OR HAD ELEVATION RAISED DURING SWAMP INSPECTION.
(3) THIS POINT MOST LIKELY REPRESENTS A FLOOD POOL ELEVATION.

SURVEYOR'S NOTES:
1) THE WETLAND JURISDICTION LINES SHOWN HEREON WERE ESTABLISHED IN THE FIELD IN
APRIL AND MAY, 2009 IN ACCORDANCE WITH CHAPTER 62-340 FLORIDA ADMINISTRATIVE CODE
AND THE CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (JANUARY 1987) BY MICHAEL
G. CZERNIANSKI, P.A., ENVIRONMENTAL CONSULTANTS. THE CORPS OF ENGINEERS
ON THAT DATE. STAFF INCLUDES PROFESSIONAL WETLAND SCIENTISTS AND U.S. ARMY CORPS
OF ENGINEERS CERTIFIED WETLAND DELINEATORS.
AND
THE WETLAND LINES REPRESENTING THE LIMITS OF WETLANDS AND/OR SURFACE WATERS OF
THE STATE WERE INSPECTED AND ADJUSTED BY BARRY BILLETTS OF THE SOUTHWEST FLORIDA
WATERS MANAGEMENT DISTRICT ON NOVEMBER 10, 2009 AND ON MARCH 8TH AND 18TH, 2010.
AND
THE HYDROLOGIC INDICATORS SHOWN HEREON WERE INSPECTED BY BARRY BILLETTS OF THE
SOUTHWEST FLORIDA WATERS MANAGEMENT DISTRICT ON MARCH 9TH AND MARCH 18TH, 2010.

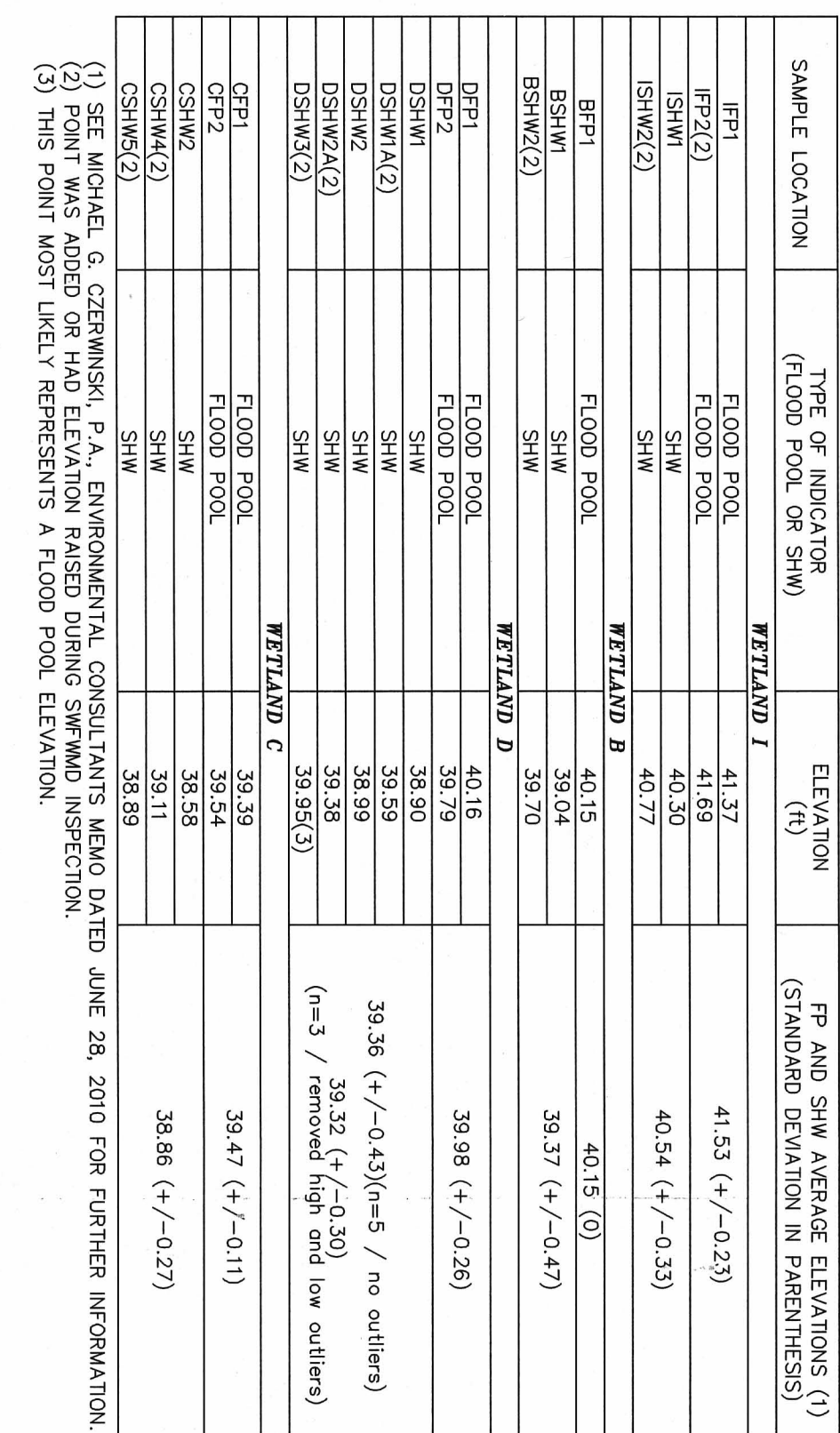
LINE TABLE (WETLAND "D")		
L191	479.44	S00°31'53"W
L192	104.75	S00°31'53"W
L193	45.67	S64°53'27"W
L194	14.51	S01°52'44"E
L195	67.76	S72°74'44"W
L196	19.58	S50°08'07"W
L197	16.95	S44°06'11"W
L198	42.11	S55°19'00"W
L199	27.32	S72°34'54"W
L200	27.92	S65°00'58"W
L201	45.06	N19°27'27"W
L202	13.76	N18°02'30"E
L203	37.24	N18°35'26"W
L204	33.34	N84°08'36"E
L205	35.03	S88°00'32"E
L206	37.68	N22°34'00"W
L207	36.84	N26°56'36"W
L208	57.98	S50°56'24"W
L209	47.19	N26°44'20"E
L210	48.68	N27°23'48"W
L211	48.60	N31°40'32"W
L212	75.08	N45°25'35"W
L213	51.82	N84°21'47"E
L214	34.46	N63°50'38"W
L215	40.22	N31°56'37"W
L216	83.00	N33°04'39"W
L217	50.84	S81°30'58"W
L218	86.98	N59°26'14"W
L219	126.80	N43°32'36"E
L220	40.13	N32°43'01"W
L221	33.91	N11°15'22"W
L222	64.56	N15°29'53"W
L223	46.88	N28°26'44"E
L224	73.06	N07°45'51"E
L225	95.25	N69°33'01"E
L226	70.02	N53°59'16"E
L227	25.64	S81°46'19"E
L228	70.50	N59°02'26"E
L229	42.80	S39°15'13"E
L230	20.50	S17°17'08"E
L231	26.85	N63°39'50"W
L232	66.34	N75°14'28"W
L233	85.97	S88°32'25"E
L234	32.11	S79°23'37"E
L235	51.39	S57°14'26"W
L236	39.43	N84°16'45"W
L237	73.09	S32°48'26"E
L238	18.56	S25°04'52"W
L239	16.47	N78°47'39"E
L240	38.37	S00°45'20"W
L241	73.72	S72°41'01"E
L242	37.46	N07°20'48"W
L243	43.69	N29°38'44"W
L244	65.62	N35°35'29"W
L245	46.85	N23°31'23"E
L246	43.03	N34°56'58"E
L247	61.61	N03°47'51"W
L248	53.78	S89°02'43"W
L249	64.53	N42°54'17"W
L250	35.83	N58°04'58"E
L251	18.95	N38°48'39"W
L252	41.67	N41°15'16"E
L253	79.67	S77°42'34"W
L254	25.01	N10°30'22"E
L255	36.44	S81°05'58"W
L256	41.29	S00°41'04"W
L257	21.12	N44°46'56"W
L258	19.30	S29°36'55"W



DELINEATION LINE L210
CONTINUES TO POINT
118A ON SHEET 10

GRAPHIC SCALE

(IN FEET)
1 inch = 60 ft.



LEVY COUNTY PARCEL
ID # 03849-000-00

DETAIL SHEET 10

GOETHE FOREST
STATE OF FLORIDA

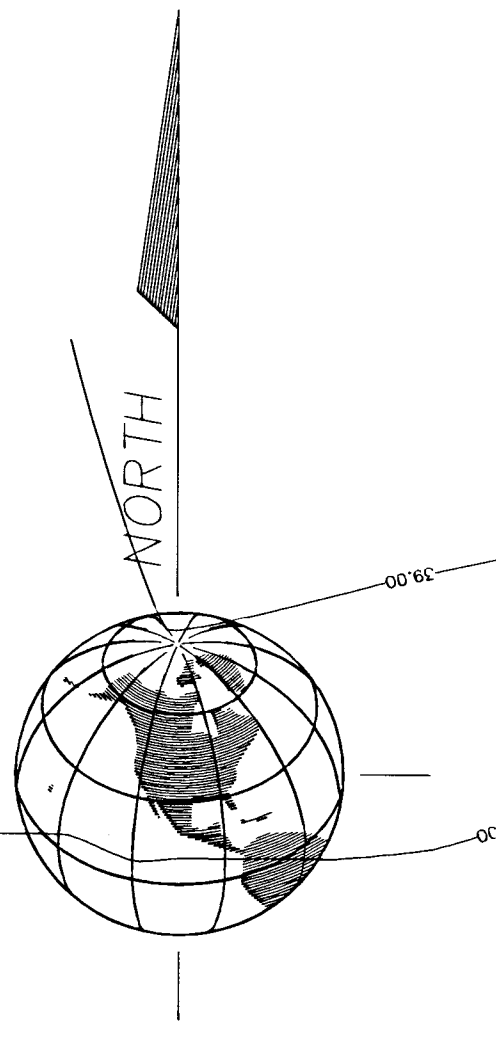
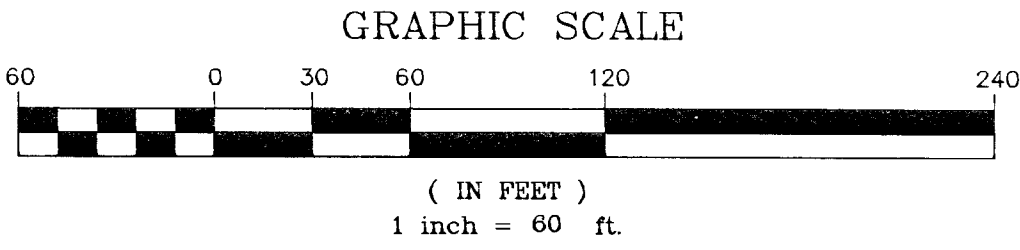
GOETHE FOREST
STATE OF FLORIDA

LEVY COUNTY PARCEL
ID # 03849-000-00

BOUNDARIES. THE DESIGNATION LINES SHOWN HEREIN WERE ESTABLISHED IN THE FIELD IN APRIL AND MAY 2009 IN ACCORDANCE WITH CHAPTER 62-540, FLORIDA ADMINISTRATIVE CODE, AND THE CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (JANUARY 1987) BY MICHAEL G. CZERNIANSKI, P.E., ENVIRONMENTAL CONSULTANTS AND REPRESENT THE CONDIOTUS PRESENT ON THAT DATE. STAFF INCLUDED PROFESSIONAL WETLAND SCIENTISTS AND U.S. ARMY CORPS OF ENGINEERS CERTIFIED WETLAND DELINEATORS.

THE WETLAND LINES REPRESENTING THE LIMITS OF WETLANDS AND/OR SURFACE WATERS OF THE STATE WERE INSPECTED AND APPROVED BY BARRY BILLETTS OF THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT ON NOVEMBER 10, 2009 AND ON MARCH 9th AND 18th, 2010. THE HYDROLOGIC INDICATORS SHOWN HEREIN WERE INSPECTED BY BARRY BILLETTS OF THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT ON MARCH 9th AND MARCH 18th, 2010.





DETAIL SHEET 11

THE NORTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 03846-000-00

THE NORTHEAST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 03846-000-00

THE SOUTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

(NOT INCLUDED)

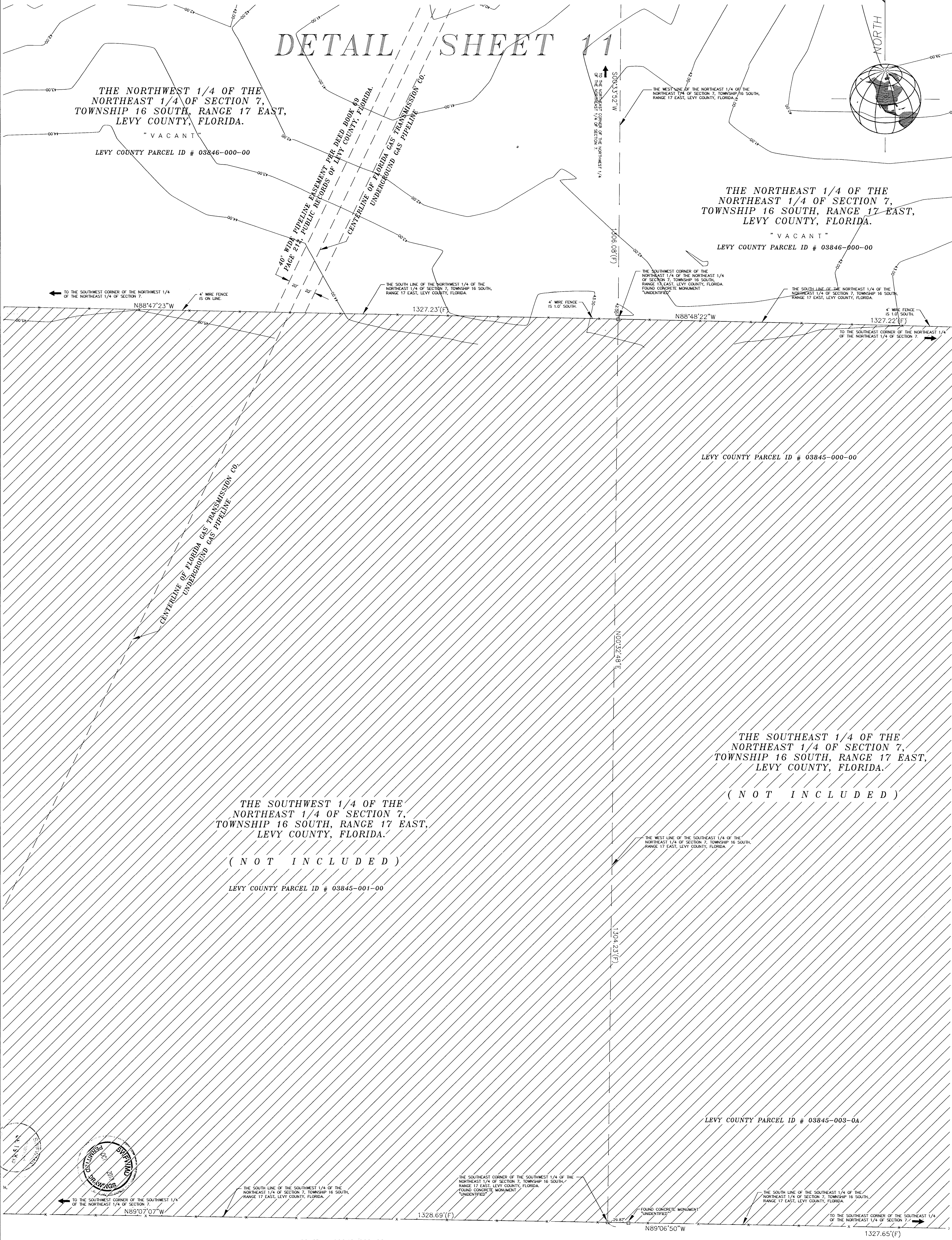
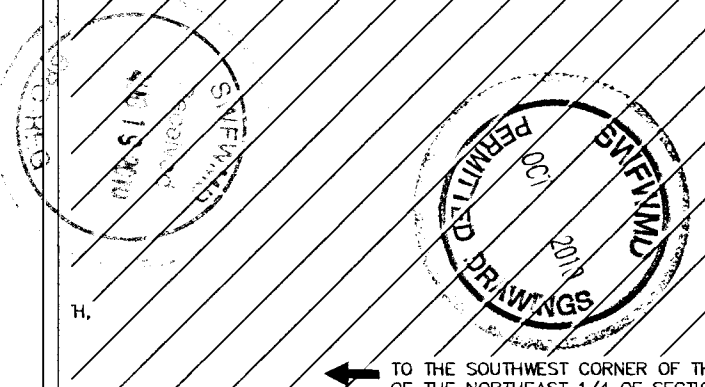
LEVY COUNTY PARCEL ID # 03845-001-00

THE SOUTHEAST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

(NOT INCLUDED)

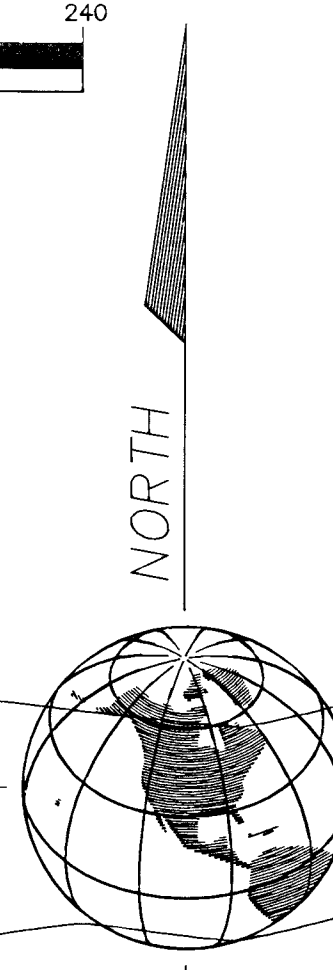
LEVY COUNTY PARCEL ID # 03845-003-0A

LEVY COUNTY PARCEL ID # 03846-000-00



GRAPHIC SCALE

(IN FEET)
1 inch = 60 ft.



THE NORTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 03846-000-00

LEVY COUNTY PARCEL ID # 03846-000-00

TO THE SOUTHWEST CORNER OF THE NORTHEAST
OF THE NORTHWEST 1/4 OF SECTION 7.

THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 18 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.
FOUND CONCRETE MONUMENT
"UNIDENTIFIED"

TO THE SOUTHEAST CORNER OF THE NORTHWEST 1/4
OF THE NORTHEAST 1/4 OF SECTION 7.

1327.23'(F)

1327.87'(C)

CORNER OF 4' WIRE FENCE —
IS 0.17' SOUTH & 0.45' EAST

THE SOUTHEAST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16, SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

THE SOUTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.

(N O T I N C L U D E D)

LEVY COUNTY PARCEL ID # 03845-001-00

LEVY COUNTY PARCEL ID # 03846-000-00

4' WIRE FENCE
IS 0.35' WEST.

11.88 (F)

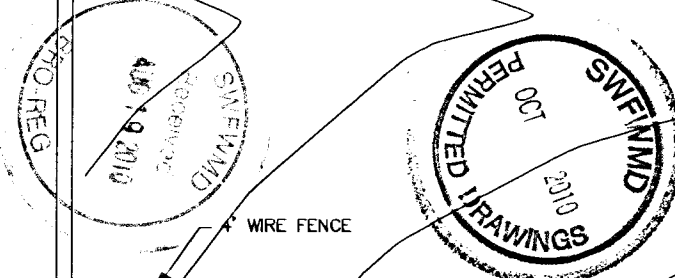
CENTERLINE OF FLORIDA GAS TRANSMISSION CO.
UNDERGROUND GAS PIPELINE

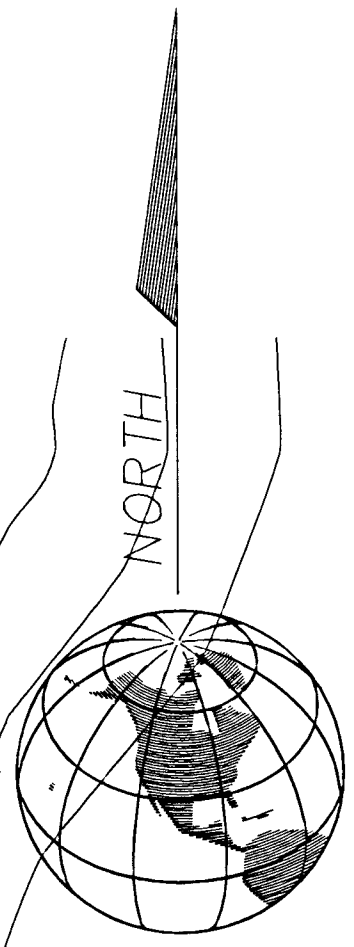
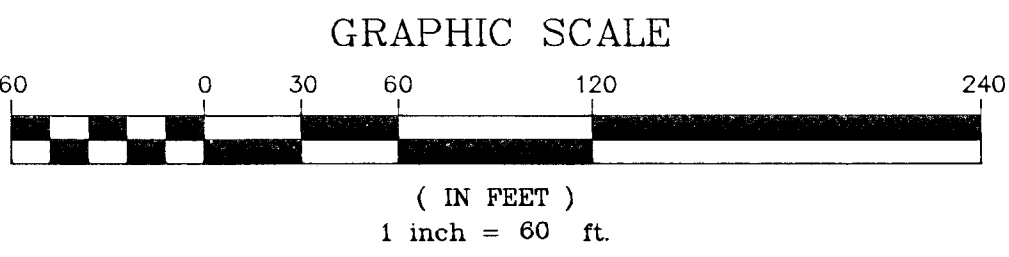
THE SOUTH LINE OF THE SOUTHWEST 1/4 OF THE
NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 16 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.

ACCESS TO
ADJACENT
PROPERTIES

LEVY COUNTY/PARCEL ID # 03846-000-00

DETAIL SHEET 12





THE NORTHEAST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 12,
TOWNSHIP 16 SOUTH, RANGE 16 EAST,
LEVY COUNTY, FLORIDA.

THE NORTHWEST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
(NOT INCLUDED)

TRACT 11 - KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.
LEVY COUNTY PARCEL ID # 14363-000-00

TRACT 12
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.
LEVY COUNTY PARCEL ID # 14364-000-00

LEVY COUNTY PARCEL ID # 14364-001-00

TRACT 13
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

LEVY COUNTY PARCEL ID # 14365-001-00

LEVY COUNTY PARCEL ID # 14365-015-00

TRACT 14
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.

THE SOUTHWEST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
(NOT INCLUDED)

TRACT 15
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.
LEVY COUNTY PARCEL ID # 14366-000-00

TRACT 16
KING PROPERTY
(UNRECORDED SUBDIVISION)
PLAT BOOK "UNRECORDED", PAGE 4
PUBLIC RECORDS OF LEVY COUNTY, FLORIDA.
LEVY COUNTY PARCEL ID # 14367-000-00

THE NORTHEAST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
" VACANT "

LEVY COUNTY PARCEL ID # 03846-000-00

TO THE NORTHEAST CORNER OF THE SOUTHEAST 1/4
OF THE NORTHWEST 1/4 OF SECTION 7,
1327.87(C)

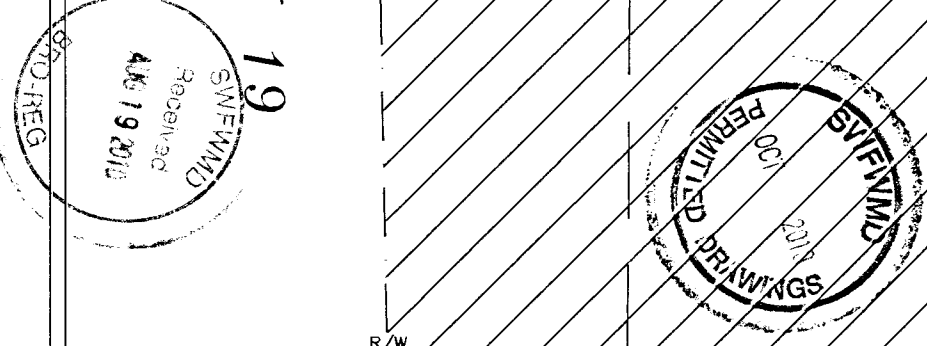
THE SOUTHEAST 1/4 OF THE
NORTHWEST 1/4 OF SECTION 7,
TOWNSHIP 16 SOUTH, RANGE 17 EAST,
LEVY COUNTY, FLORIDA.
" VACANT "

LEVY COUNTY PARCEL ID # 03846-000-00

DETAIL SHEET 13

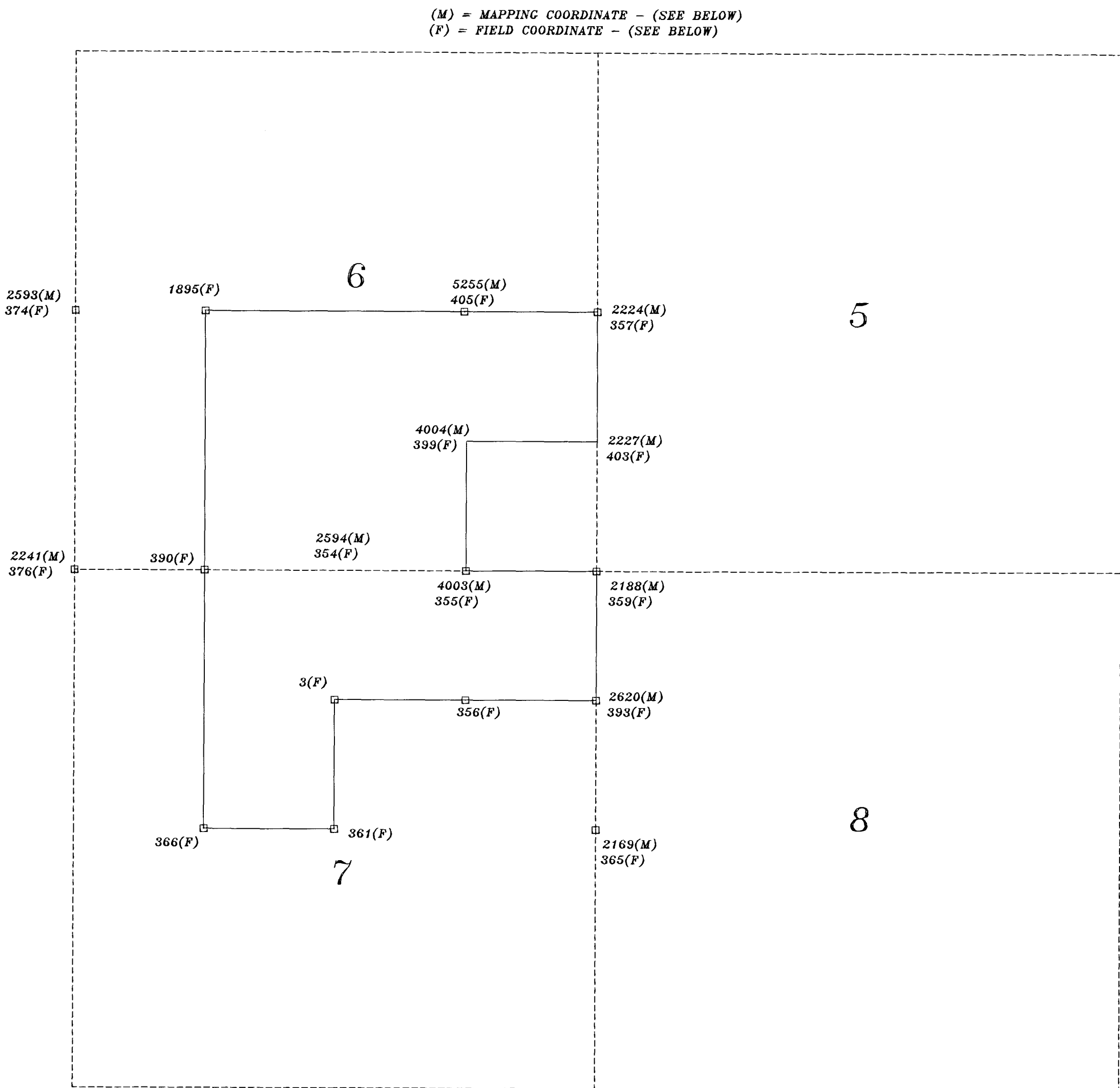
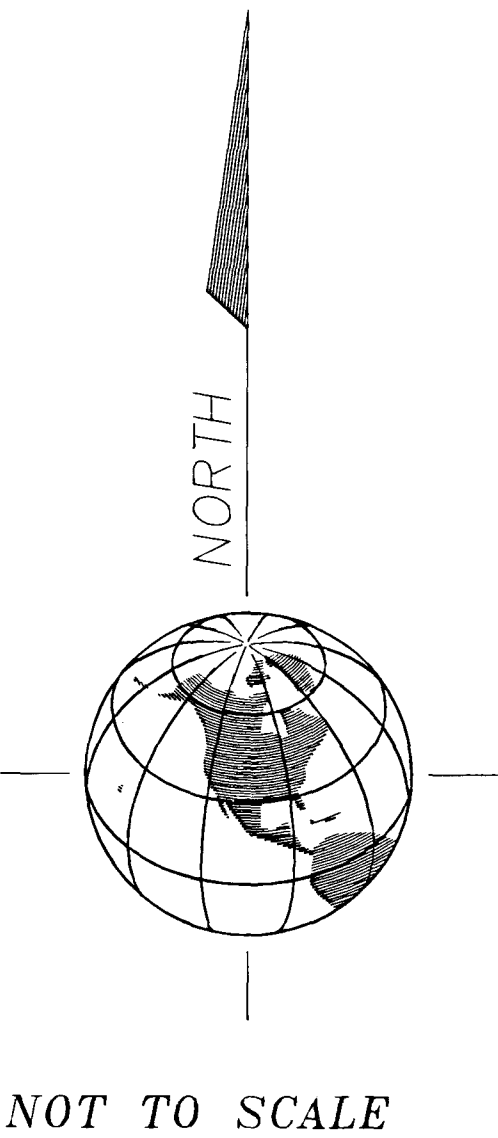
U.S. HIGHWAY 19

U.S. HIGHWAY 19



THE SOUTHWEST CORNER OF THE SOUTHEAST 1/4 OF
THE NORTHWEST 1/4 OF SECTION 7, TOWNSHIP 16 SOUTH,
RANGE 17 EAST, LEVY COUNTY, FLORIDA.
FOUND CONCRETE MONUMENT.

FLORIDA ZONE WEST - STATE PLANE COORDINATES



FLORIDA ZONE WEST - STATE PLANE COORDINATES
FIELD OBSERVATIONS ARE REFERENCED
TO NATIONAL GEODETIC SURVEY
CONTROL STATION - "LEVY 58" (BEING A BRASS
NATIONAL GEODETIC SURVEY DISK SET INTO
A 12 INCH DIAMETER CONCRETE MONUMENT).
N.A.D. 83(2007)
NORTHING = 1,740,410.82
EASTING = 452,891.31
SCALE FACTOR 0.99998853
CONVERGENCE = -0 18 35.4

(M) = MAPPING COORDINATE - (SEE BELOW)
(F) = FIELD COORDINATE - (SEE BELOW)

FLORIDA ZONE WEST - STATE PLANE COORDINATES
FIELD COORDINATES BASED FIELD MEASUREMENTS

FLORIDA ZONE WEST - STATE PLANE COORDINATES
MAPPING COORDINATES BASED ON DEPARTMENT OF NATURAL RESOURCES, DIVISION OF STATE LANDS,
BUREAU OF SURVEY AND MAPPING; BOUNDARY SURVEY OF LEVY COUNTY FOREST, THE GOETHE TRACT,
LEVY COUNTY, FLORIDA; SURVEYED BY BANNERMAN SURVEYORS, INC. AND HENIGAR & RAY, INC.
DRAWING BY A. MATHIS, DATED JUNE 28, 1992; DRAWING NAME: LEVYS2R; SHEET 21 OF 25.

PT # 3(F)
SW COR. OF NW 1/4 OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.00'	IRON ROD & CAP
2 S45°E	50.00'	IRON ROD & CAP
3 S45°W	50.00'	IRON ROD & CAP
4 N45°W	50.00'	IRON ROD & CAP

N=1735971.77 E=455862.45

PT # 361(F)
SW COR. OF NE 1/4
SEC 7-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N32°W	12.65'	10" PINE

N=1734660.01 E=455812.41

PT # 393(F)
SW COR. OF NW 1/4
SEC 7-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N68°E	11.26'	CYPRESS
2 S32°E	9.82'	SWEET GUM
3 S6°W	13.52'	SWEET GUM
4 N32°W	12.65'	10" PINE

N=1735916.09 E=458480.32

PT # 2188(M)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N20°E	3.68'	6" PINE
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N72°W	17.75'	10" PINE

N=1734619.544 E=458468.594

PT # 2593(M)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N36°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N90°W	11.48'	5" POST OAK

N=1740014.409 E=453203.000

PT # 5255(M)
SE COR. OF
WOODPECKER RIDGE SUB.
UNIT 1, BLOCK 7
FOUND CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	95.00'	PINE
2 S30°E	73.62'	PINE
3 S44°W	14.21'	SWEET GUM
4 N13°W	8.77'	LIVE OAK

N=1739920.459 E=457235.787

PT # 364(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N45°E	50.00'	IRON ROD & CAP
2 S45°E	50.00'	IRON ROD & CAP
3 S45°W	50.00'	IRON ROD & CAP
4 N45°W	50.00'	IRON ROD & CAP

N=1737285.44 E=457839.89

PT # 365(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N45°E	50.00'	IRON ROD & CAP
2 S45°E	50.00'	IRON ROD & CAP
3 S45°W	50.00'	IRON ROD & CAP
4 N45°W	50.00'	IRON ROD & CAP

N=1734619.04 E=458468.43

PT # 399(F)
SW COR. OF NE 1/4
SEC 7-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N32°W	12.65'	10" PINE

N=1738585.28 E=457192.90

PT # 2188(M)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N20°E	3.68'	6" PINE
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N72°W	17.75'	10" PINE

N=1737214.732 E=458492.347

PT # 2594(M)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N45°E	50.00'	IRON ROD & CAP
2 S45°E	50.00'	IRON ROD & CAP
3 S45°W	50.00'	IRON ROD & CAP
4 N45°W	50.00'	IRON ROD & CAP

N=1737285.614 E=455839.930

PT # 365(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1A N24°E	37.90'	7" WHITE OAK
1B N74°E	31.95'	24" CHERRY
2 S30°E	165.90'	10" PINE

N=1737249.75 E=457166.25

PT # 366(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N32°W	12.65'	10" PINE

N=1734681.38 E=454482.36

PT # 403(F)
SW COR. OF NW 1/4
OF SW 1/4 OF 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N09°E	8.26'	CYPRESS
2 S05°E	1.44'	CYPRESS
3 S04°W	5.40'	CYPRESS
4 N56°W	3.23'	CYPRESS

N=1738552.29 E=458520.39

PT # 2224(M)
SW COR. OF NW 1/4
OF SW 1/4 OF 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	95.00'	PINE
2 S05°E	73.62'	PINE
3 S04°W	14.21'	SWEET GUM
4 N13°W	8.77'	LIVE OAK

N=1739889.888 E=458548.008

PT # 2620(M)
SW COR. OF NW 1/4
OF SW 1/4 OF 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N68°E	11.26'	CYPRESS
2 S32°E	9.82'	SWEET GUM
3 S66°W	13.52'	SWEET GUM
4 N32°W	12.65'	10" PINE

N=1735917.138 E=458480.470

PT # 356(F)
NE COR. OF NW 1/4 OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N36°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N90°W	11.48'	5" POST OAK

N=1735943.74 E=457163.38

PT # 374(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N90°W	11.48'	5" POST OAK

N=1740011.86 E=453201.81

PT # 405(F)
SE COR. OF
WOODPECKER RIDGE SUB.
UNIT 1, BLOCK 7
FOUND CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	95.00'	PINE
2 S30°E	73.62'	PINE
3 S44°W	14.21'	SWEET GUM
4 N13°W	8.77'	LIVE OAK

N=1739920.34 E=457235.56

PT # 2227(M)
SW COR. OF NW 1/4
OF SW 1/4 OF 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N09°E	8.26'	CYPRESS
2 S05°E	1.44'	CYPRESS
3 S04°W	5.40'	CYPRESS
4 N56°W	3.23'	CYPRESS

N=1738552.310 E=458520.178

PT # 4003(M)
SW COR. OF NW 1/4 OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1A N24°E	37.90'	7" WHITE OAK
1B N74°E	31.95'	24" CHERRY
2 S30°E	165.90'	10" PINE

N=1737250.173 E=457166.138

PT # 357(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N32°W	12.65'	10" PINE

N=1735989.24 E=455839.82

PT # 376(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N12°E	23.94'	4" OAK
2 S04°E	23.59'	36" OAK
3 S10°W	42.55'	20" OAK
4 N90°W	60.36'	14" PINE

N=1737356.60 E=453187.58

PT # 1895(F)
SW COR. OF NW 1/4 OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N32°W	12.65'	10" PINE

N=1739981.00 E=454546.68

PT # 2241(M)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N12°E	23.94'	4" OAK
2 S04°E	23.59'	36" OAK
3 S10°W	42.55'	20" OAK
4 N90°W	60.36'	14" PINE

N=1737356.498 E=453187.512

PT # 4004(M)
SW COR. OF NW 1/4 OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N70°E	34.60'	22" WATER OAK
2 S30°E	63.90'	24" PINE
3 S19°W	10.80'	20" PINE

N=1738585.501 E=457193.016

PT # 359(F)
SW COR. OF
SEC 6-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N24°E	37.90'	7" WHITE OAK
2 N72°E	31.61'	LAUREL OAK
3 S24°W	34.00'	CYPRESS
4 N60°W	17.58'	PINE

N=1737214.46 E=458492.36

PT # 390(F)
SW COR. OF NE 1/4 OF
SEC 7-16-17
FOUND 4"x4"
CONC. MON.

BEARING	DISTANCE	SUBJECT
1 N60°E	30.62'	4" TURKEY OAK
2 S66°E	24.05'	12" PINE
3 S66°W	25.00'	6" PINE
4 N32°W	12.65'	10" PINE

N=1737320.76 E=454515.44