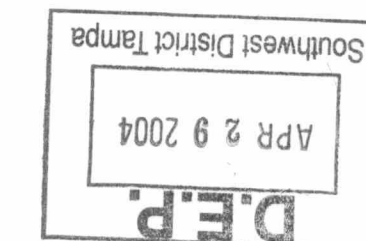


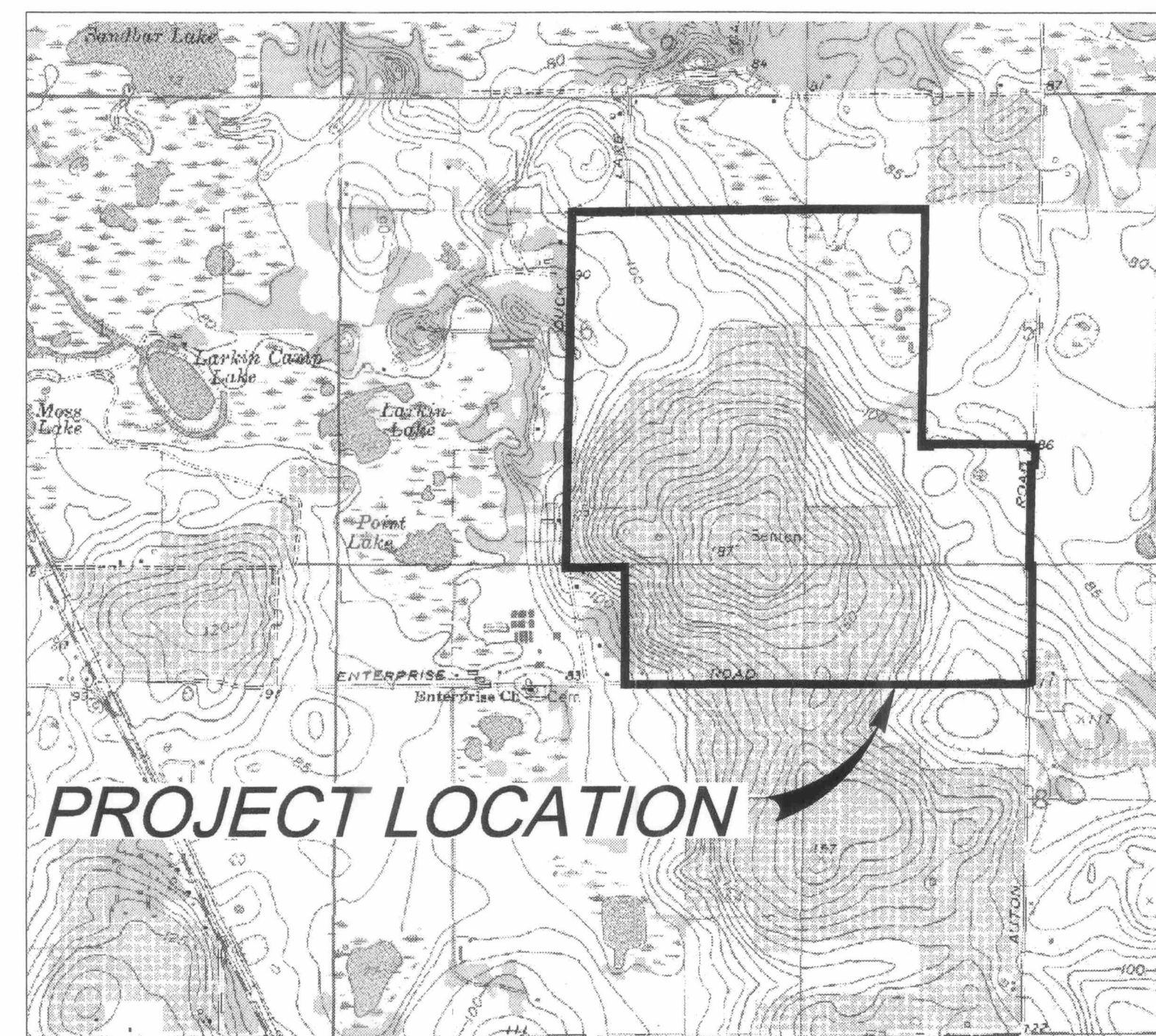
PROPOSED EXPANSION OF ENTERPRISE RECYCLING AND DISPOSAL FACILITY CLASS III LANDFILL

FOR
ANGELO'S AGGREGATE MATERIALS, LTD.

DATE: MARCH 2004
PROJECT No. 03-255.001



REGIONAL MAP



VICINITY MAP

FACILITY LOCATION

ENTERPRISE ROAD
DADE CITY, FL

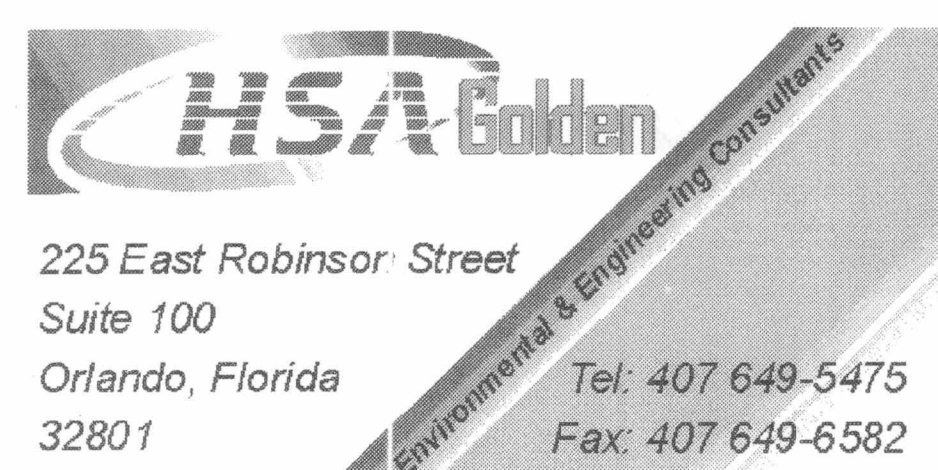


AREA VIEW

SECTION 6, TOWNSHIP 25 S, RANGE 22 E

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
APR 29 2004
SOUTHWEST DISTRICT
TAMPA

ENGINEER



SURVEYOR

SIMMONS & BEALL, INC.
P.O. BOX 1297
DADE CITY, FL 33526
PHONE (352) 567-0048

APPLICANT

DOMINIC IAFRATE, PRESIDENT
ANGELO'S AGGREGATE MATERIALS, LTD.
1755 20th AVE., S.E.
LARGO, FLORIDA 33771
PHONE: (727) 581-1544

SUNSHINE ONE CALL
TEL. 1-800 432-4770
CALL 48 HOURS BEFORE DIGGING

DRAWING INDEX	
SHEET No.	DESCRIPTION
	TITLE PAGE
G-1	GENERAL NOTES AND SECTIONS
9-6	SITE PLAN AND MINE EXCAVATION PLAN
9-7	PROPOSED FINAL GRADE PLAN
9-8	CROSS SECTIONS
9-11	PROPOSED LANDSCAPE PLAN

RECEIVED
APR 21 2004
PASCO COUNTY
DEVELOPMENT REVIEW

David L. Leggett, P.E.
P.E. No. 58667, FL
Engineering Business No. 9915
DATE 3-12-04

Submitted to Pasco County -
courtesy copy for D.E.P.

GENERAL NOTES:

- Benchmark for construction has been provided on the topographic survey.
- All labor, materials, and methods of construction shall be in strict accordance with the minimum engineering and construction standards adopted by Pasco County, the plans, and construction specifications. Where conflicts or omissions exist, Pasco County's standards shall dictate. Substitutions and deviation from plans and specifications shall be permitted only when written approval has been issued by the Engineer.
- Shop drawings of all materials being used shall be submitted to the Engineer for approval prior to installation.
- All materials and construction to be in accordance with Pasco County's construction specifications, latest edition, unless otherwise waived.
- It will be the responsibility of the Contractor to ensure that all required permits are obtained and in hand before beginning any construction. No construction or fabrication of any item shall begin until the Contractor has received all plans and any other documentation from all of the permitting and any other regulatory authorities. Any penalties, stop work orders or additional work resulting from the Contractor being in violation of the requirements above shall be fully borne by the Contractor.
- The location of all existing utilities and storm drainage shown on the plans have been determined from the best information available and are given for the convenience of the Contractor. The Engineer assumes no responsibility for inaccuracy. Prior to the start of any construction activity it shall be the Contractor's responsibility to notify the various utilities and to make the necessary arrangements for any relocation of these utilities with the Owner of the utility. The Contractor shall exercise caution when crossing underground utility, whether shown on the plan or located by the utility company. All utilities which interfere with the proposed construction shall be brought to the attention of the Engineer first. Any fees associated with utility relocations shall be borne by the Contractor. It is requested that utility companies move their particular utilities. Any delay or inconvenience caused to the Contractor by the relocation of the various utilities shall be incidental to the contract and no extra compensation will be allowed.
- A preconstruction meeting is to be held between the jurisdictional entity Pasco County, utilities, Engineer of Record, and Contractor prior to commencement of construction.
- The sequence of construction shall be such that all underground installations of every kind, including sprinklers, shall be placed beneath the pavement and its edges prior to the construction of the pavement. The pavement shall not be cut without prior approval of the Engineer.
- The Contractor shall notify the Engineer at least 48 hours prior to beginning construction and at least 48 hours before requiring inspection on each and every phase of work.
- All Contractors, County Representatives, and Utility Companies are responsible for their respective surveying and layout from benchmark provided on construction plans. Any survey monumentation disturbed during construction shall be replaced upon completion of the work by a registered land surveyor.
- The Contractor shall be responsible for preventing any construction activities from taking place outside of the Limits of Construction shown on the plans. Any on-site or off-site areas disturbed shall be restored to original condition or better.
- The Contractor shall maintain a current set of construction plans and all permits on the job site during all phases of construction. The contractor shall provide two (2) sets (this number should vary depending on the County) of record drawings to the Engineer of Record within two (2) weeks after construction has been completed on each phase.
- All pipe call outs are measured centerline to centerline for manholes and inlets and from the end of the pipe for mitered end sections.
- Plans and Specifications require that compacted backfill be placed along side of and over all utilities. The engineer may require that compaction tests be taken to verify backfill compaction. The cost of such compaction tests will be borne by the Contractor.

Utilities will be provided as follows:

Electric will be provided by Florida Power Corporation.

Telephone will be provided by United Telephone.

Water will be provided by well.

Sewage collection will be provided by septic tank and drainfield.

Property currently zoned AC.

EARTHWORK AND SITEWORK

- The Contractor shall be responsible for obtaining the necessary testing to assure that the proper compaction has been achieved on the subgrade, base, and all other pertinent areas that have been completed. The Contractor shall bear all costs associated with testing and retesting of the areas and shall provide the Owner and the Engineer with copies of the certification of compaction from the testing company.
- All excess fill from site shall be stockpiled by the Contractor, in a location determined by the Owner or the Owner's representative and the Engineer.
- Clear areas indicated shall be completely clear of all timber, brush, stumps, roots, grass, weeds, rubbish, and all other debris and obstructions resting on or protruding through the surface of the ground.
- Prior to bid preparation, the Contractor must become familiar with the overall site conditions and perform additional investigations as determined necessary to understand the limit and depth of expected organic silt peat areas, adequacy of existing materials as fill, and materials to be disposed of offsite, all of which will affect his pricing. Any delay, inconvenience, or expense caused to the Contractor due to inadequate investigation of existing conditions shall be incidental to the contract, and no extra compensation will be allowed. The materials anticipated to be encountered during construction may require drying prior to use as backfill, and the Contractor may have to import materials, at no extra cost, from offsite to meet the requirements for compaction and proper fill.

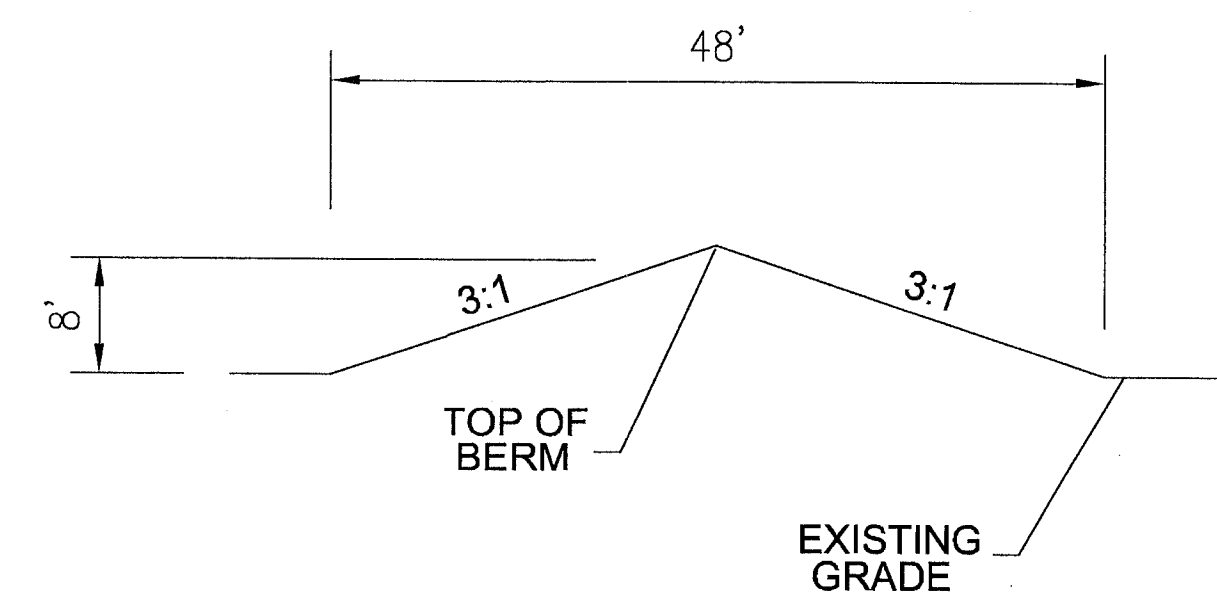
EROSION CONTROL AND SEDIMENTATION

- The Contractor must install and maintain grass, seed and mulch, or sod on exposed slopes within 48 hours of completed final grades, as noted on plans, and at any other time as necessary to prevent erosion, sedimentation or turbid discharges to any downstream water body, wetland, or off-site property. Sodding on slopes 3:1 or steeper shall be staked.
- The Contractor shall be responsible for the project complying with applicable State water quality standards during construction as specified in the permits. All water and wind erosion shall be minimized as defined in the specifications and permits. The specifications provide only a minimum requirement for erosion and sedimentation control, it is the Contractor's responsibility to implement control measures not shown in specifications. All costs associated with turbidity control and sediment stabilization shall be borne by the Contractor.

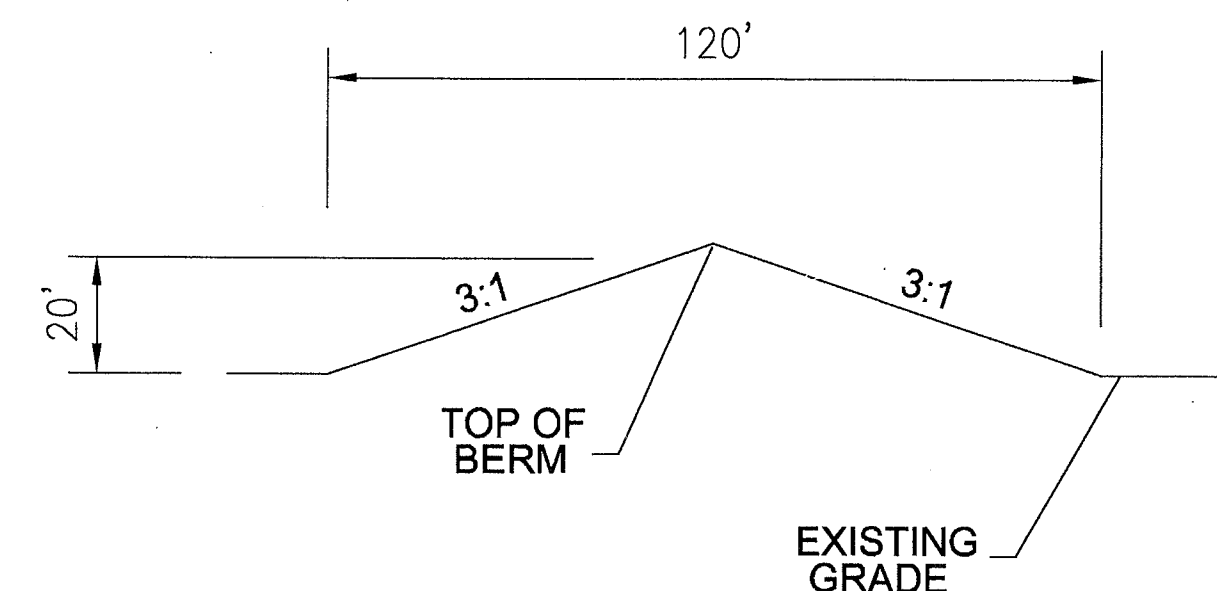
GENERAL SPECIFICATIONS

EARTHWORK AND SITEWORK

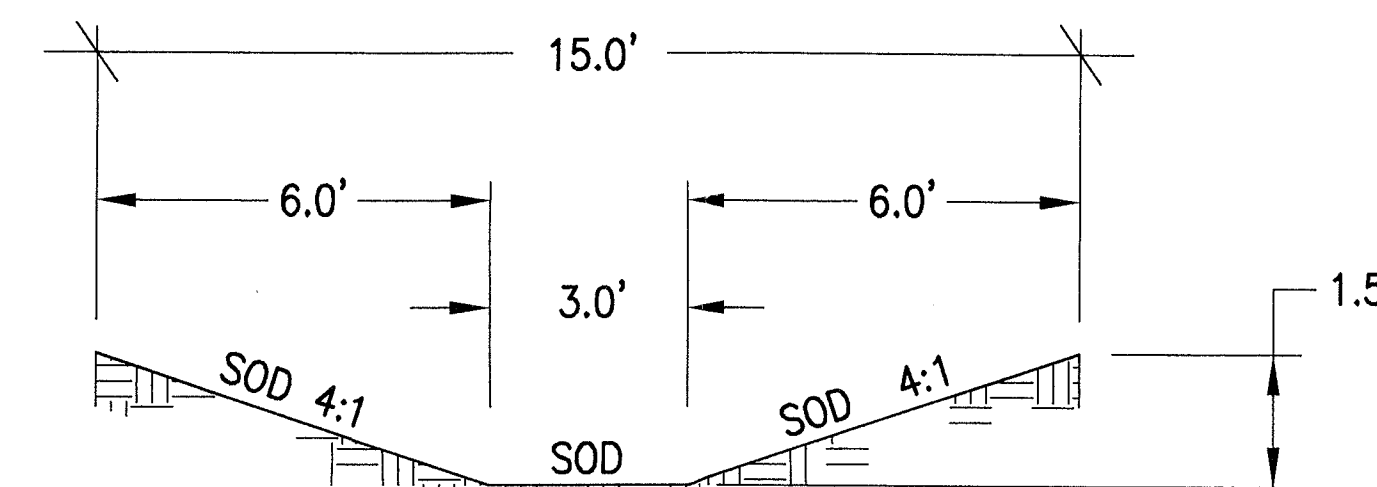
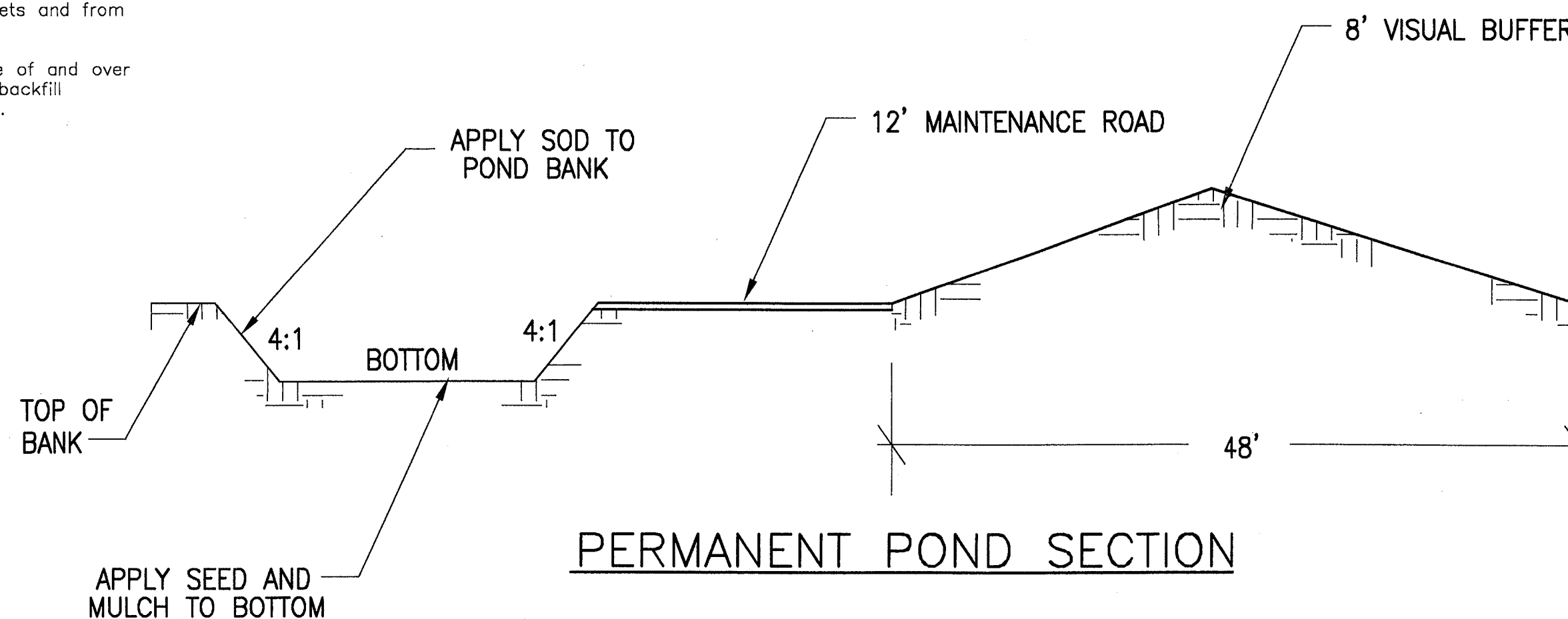
- Sod shall be of the Bahia grass type, well matted with roots, of sufficient thickness to withstand all necessary handling and reasonably free of weeds and other grasses. Sod shall be freshly cut, healthy and green in appearance, and be in commercial size rectangles, preferably twelve inches (12") by twenty-four (24"), or larger. Sod shall be placed within twenty-four (24) hours of arrival to the job site. Where the sod is placed on slopes 3:1 or steeper the seams shall be staggered or staked.



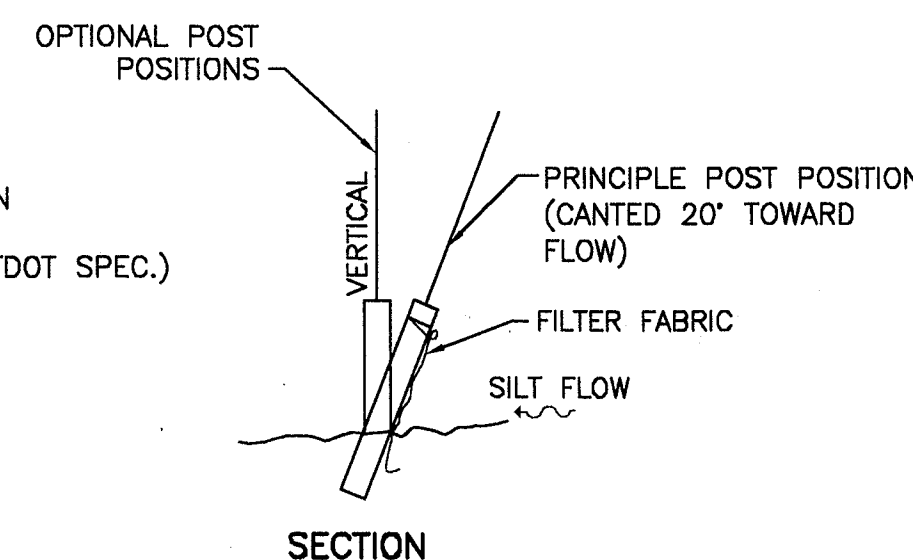
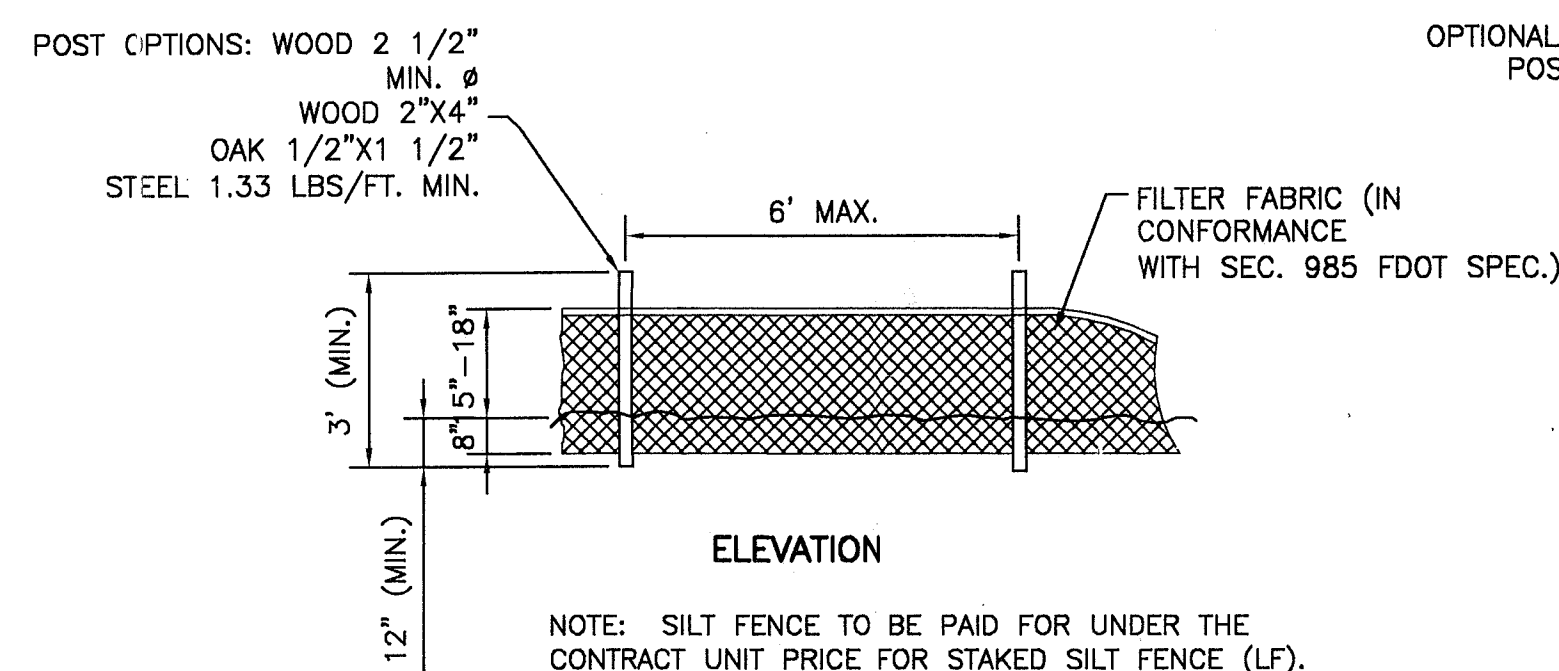
VISUAL BUFFER DETAIL - 8 FT. BERM



VISUAL BUFFER DETAIL - 20 FT BERM



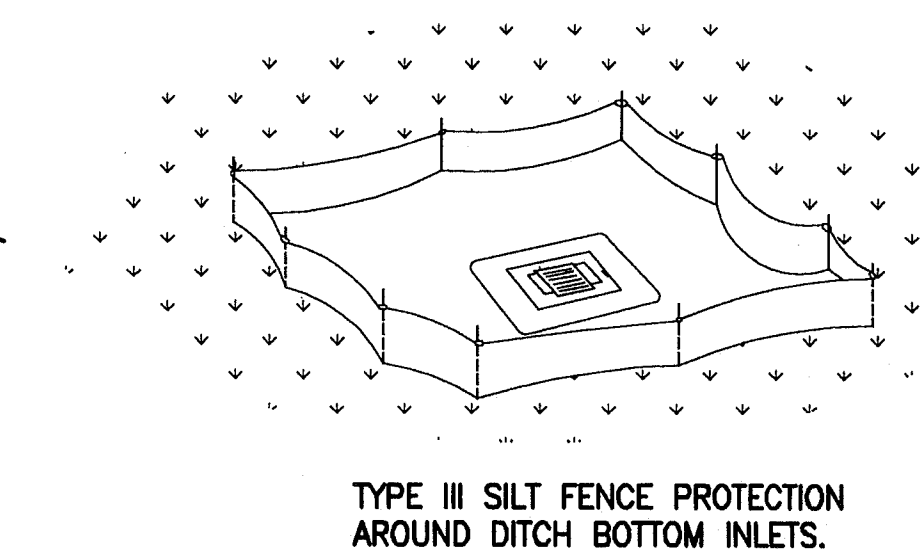
SWALE DETAIL



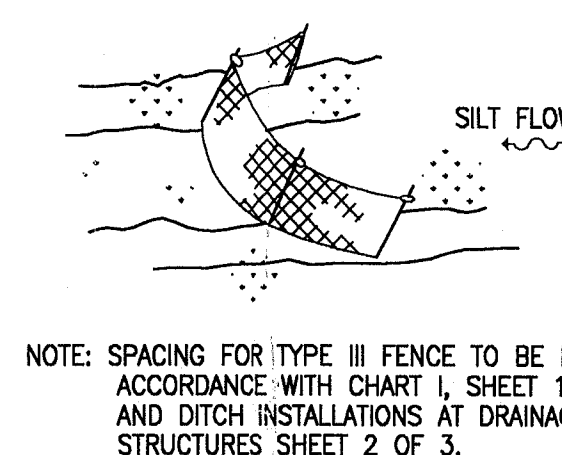
SILT FENCE APPLICATIONS
PER FDOT INDEX 102

DETAIL
SCALE: NTS

7



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.



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.

HSA Golden
225 East Robinson Street
Suite 100
Orlando, Florida 32801
Tel: 407 649-5475
Fax: 407 649-6582

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**PROPOSED EXPANSION OF ENTERPRISE
RECYCLING AND DISPOSAL FACILITY
CLASS III LANDFILL**
Enterprise Road
Dade City, Florida

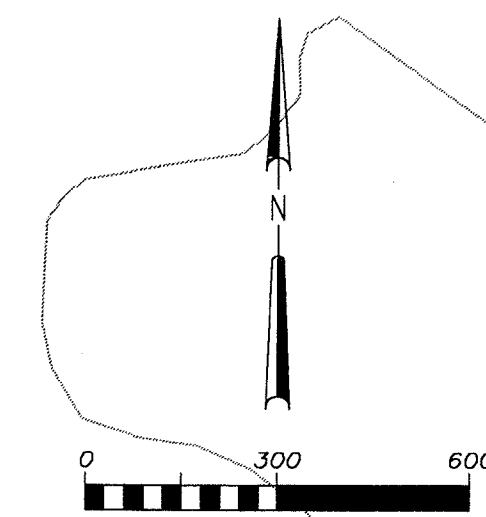
GENERAL NOTES AND SECTIONS

DATE	REVISIONS	REVISED	CHECKED	DATE	BY	DATE	PROJECT NO.
					DESIGNED	DLL	03-255.001
					DRAWN	DRD	SCALE
					CHECKED	JEG	N.T.S.
					QC APPROVAL	DLL	G-1
					FILE:	03255001G01.DWG	SHEET OF

David L. Leggett, P.E.
P.E. No. 58667, FL
Engineering Business No. 9915
DATE 3-12-04

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
APR 29 2004
SOUTHWEST DISTRICT
TAMPA

PASCO COUNTY LANDFILL
(CLOSED)

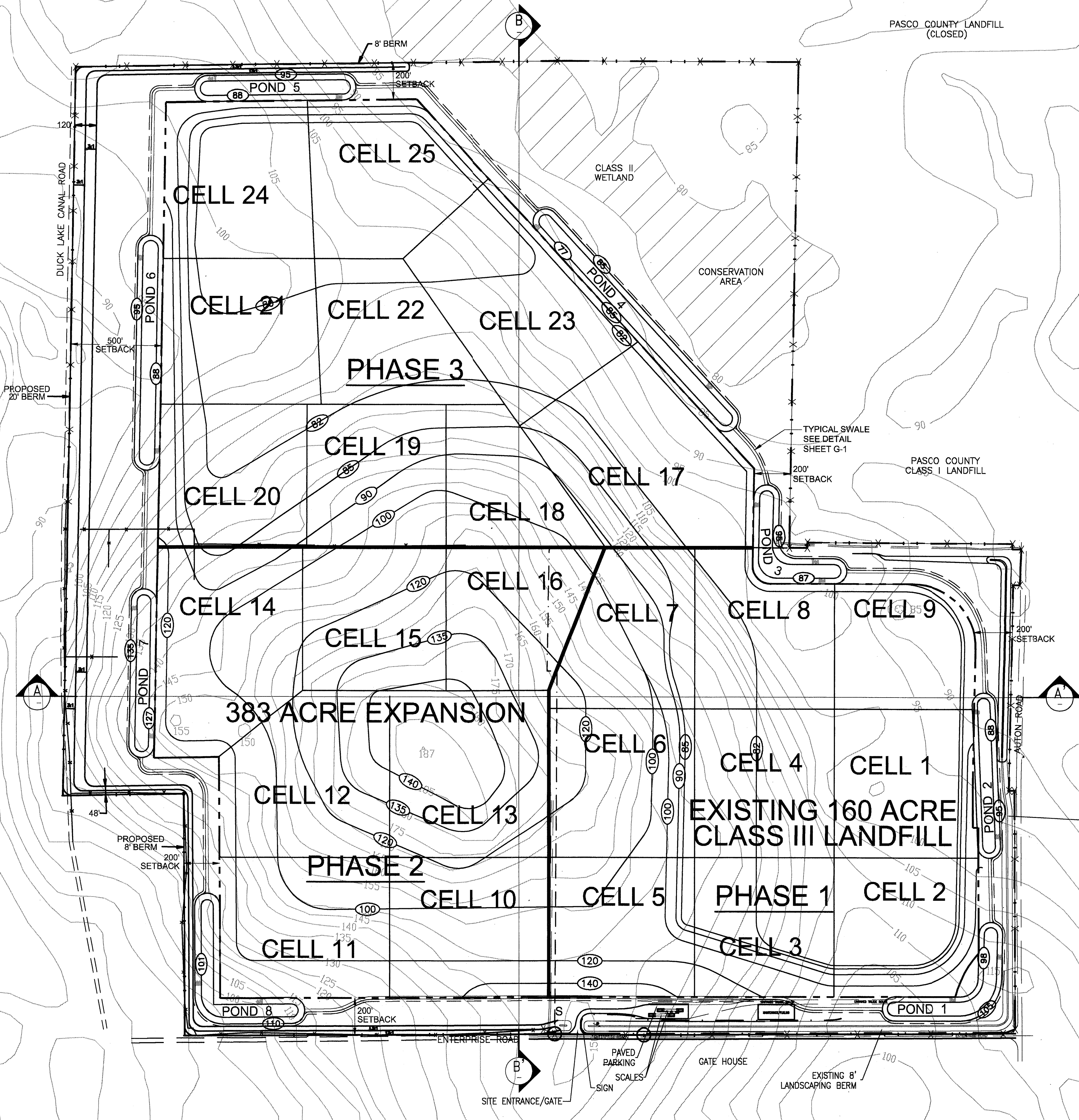


SITE INFORMATION

TOTAL ACREAGE	= 513.1 Ac.
EXISTING CLASS III LANDFILL	= 160 Ac.
EXISTING DISPOSAL AREA	= 111 Ac.
TOTAL PROPOSED EXPANSION AREA	= 313.1 Ac.
TOTAL PROPOSED EXPANSION DISPOSAL AREA (EXISTING AND EXPANSION)	= 378.3 Ac. (69.6%)
PROPOSED CONSERVATION AREA	= 61.5 Ac. (APPROXIMATE) (12.2%)
SETBACKS (INCLUDES CONSERVATION AREA)	= 114.8 Ac. (30.3%)
SITE ENTRANCE AND GATEHOUSE, ROAD	= 2.2 Ac. (0.4%)
STORM WATER PONDS	= 21.5 Ac. (4.8%)

LEGEND

- EXCAVATION PHASE
- PROPOSED LANDFILL / MINE SETBACK LINE
- PERIMETER ROAD
- PROPOSED BOUNDARY OF LANDFILL EXPANSION
- PROPOSED EXCAVATION LANDFILL CONTOURS FT., NGVD
- EXISTING 160 AC LANDFILL BOUNDARY
- EXISTING TOPOGRAPHIC CONTOURS, FT., NGVD
- SECURITY FENCE
- CELL 1 LANDFILL CELL/ EXCAVATION (TYP)
- CROSS-SECTION LINE



NOTES:

- 1.) 6:1 MINE SLOPES TO BE CUT BACK TO 2:1 SLOPES PRIOR TO THE RECLAMATION BY LANDFILLING.

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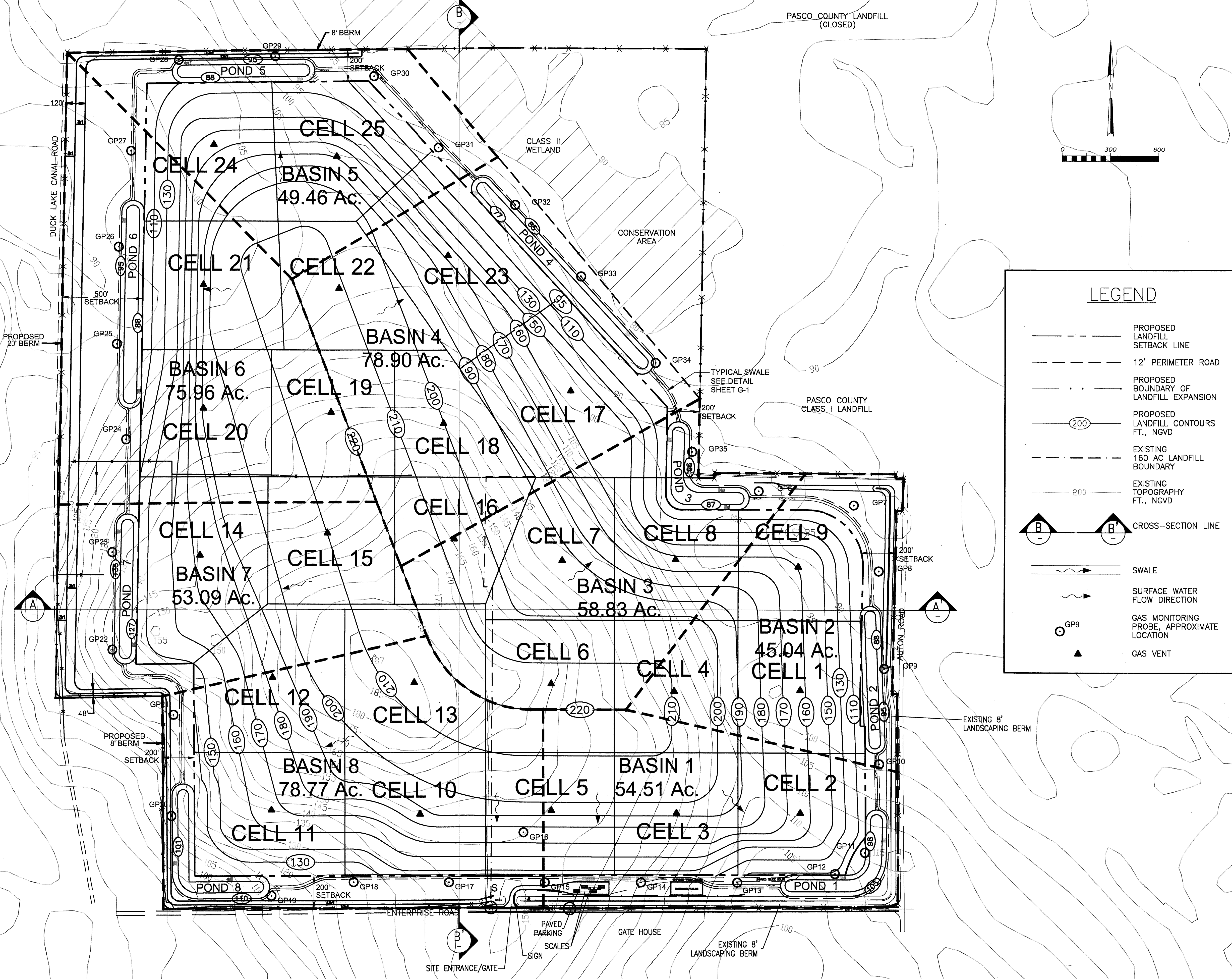
PROPOSED EXPANSION OF ENTERPRISE RECYCLING AND DISPOSAL FACILITY CLASS III LANDFILL
Enterprise Road
Dade City, Florida

SITE PLAN AND MINE EXCAVATION PLAN

DATE	REVISIONS	REVISED	CHECKED

David L. Leggett, P.E. P.E. No.: 58667, FL Engineering Business No.: 9915	DESIGNED JEG	BY JEG	DATE 03-04	PROJECT NO. 03-255.001
	DRAWN DRD		03-04	SCALE 1"=600'
	CHECKED DLL		03-04	9-6
	QC APPROVAL JEG		03-04	SHEET OF
DATE 3-12-04	FILE: 03255001C01.DWG			

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
APR 29 2004
SOUTHWEST DISTRICT
TAMPA



LEGEND

- PROPOSED LANDFILL SETBACK LINE
- 12' PERIMETER ROAD
- PROPOSED BOUNDARY OF LANDFILL EXPANSION
- PROPOSED LANDFILL CONTOURS FT., NGVD
- EXISTING 160 AC LANDFILL BOUNDARY
- EXISTING TOPOGRAPHY FT., NGVD
- CROSS-SECTION LINE
- SWALE
- SURFACE WATER FLOW DIRECTION
- GAS MONITORING PROBE, APPROXIMATE LOCATION
- GAS VENT

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PROPOSED EXPANSION OF ENTERPRISE RECYCLING AND DISPOSAL FACILITY CLASS III LANDFILL
Enterprise Road
Dade City, Florida

PROPOSED FINAL GRADE PLAN

DATE	REVISIONS	REVISED	CHECKED

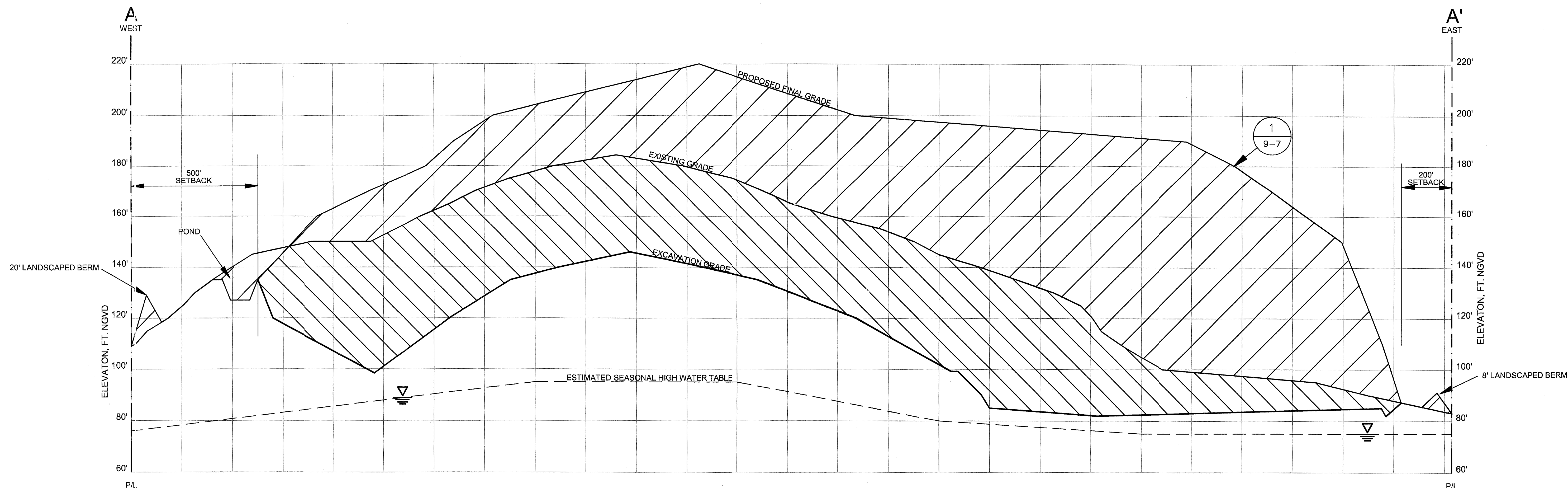
David L. Leggett, P.E.
P.E. No. 58667, FL
Engineering Business No. 9915

DESIGNED	JEG	3-04
DRAWN	DRD	3-04
CHECKED	DLL	3-04
QC APPROVAL	JEG	3-04

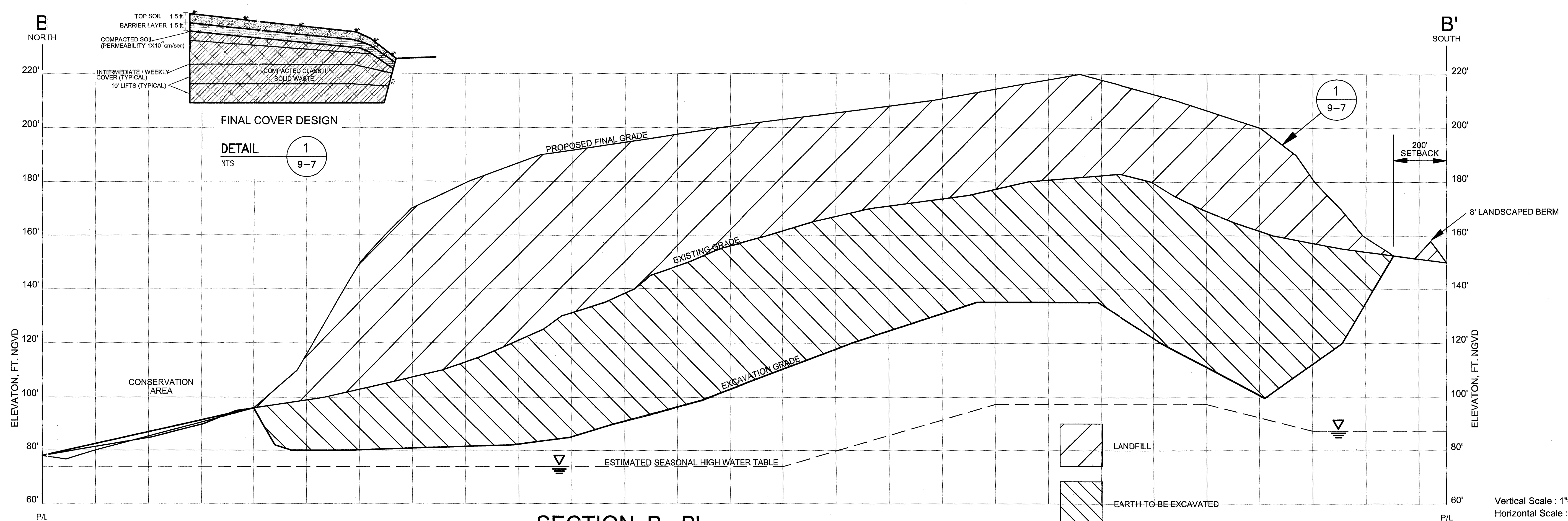
DATE: 3-12-04
FILE: 03255001C01.DWG

PROJECT NO. 03-255.001
SCALE 1"=300'
9-7
SHEET OF

5



SECTION A - A'



SECTION B - B'

Vertical Scale : 1"=20'
Horizontal Scale : 1"=200'
Vertical:Horizontal = 10:1

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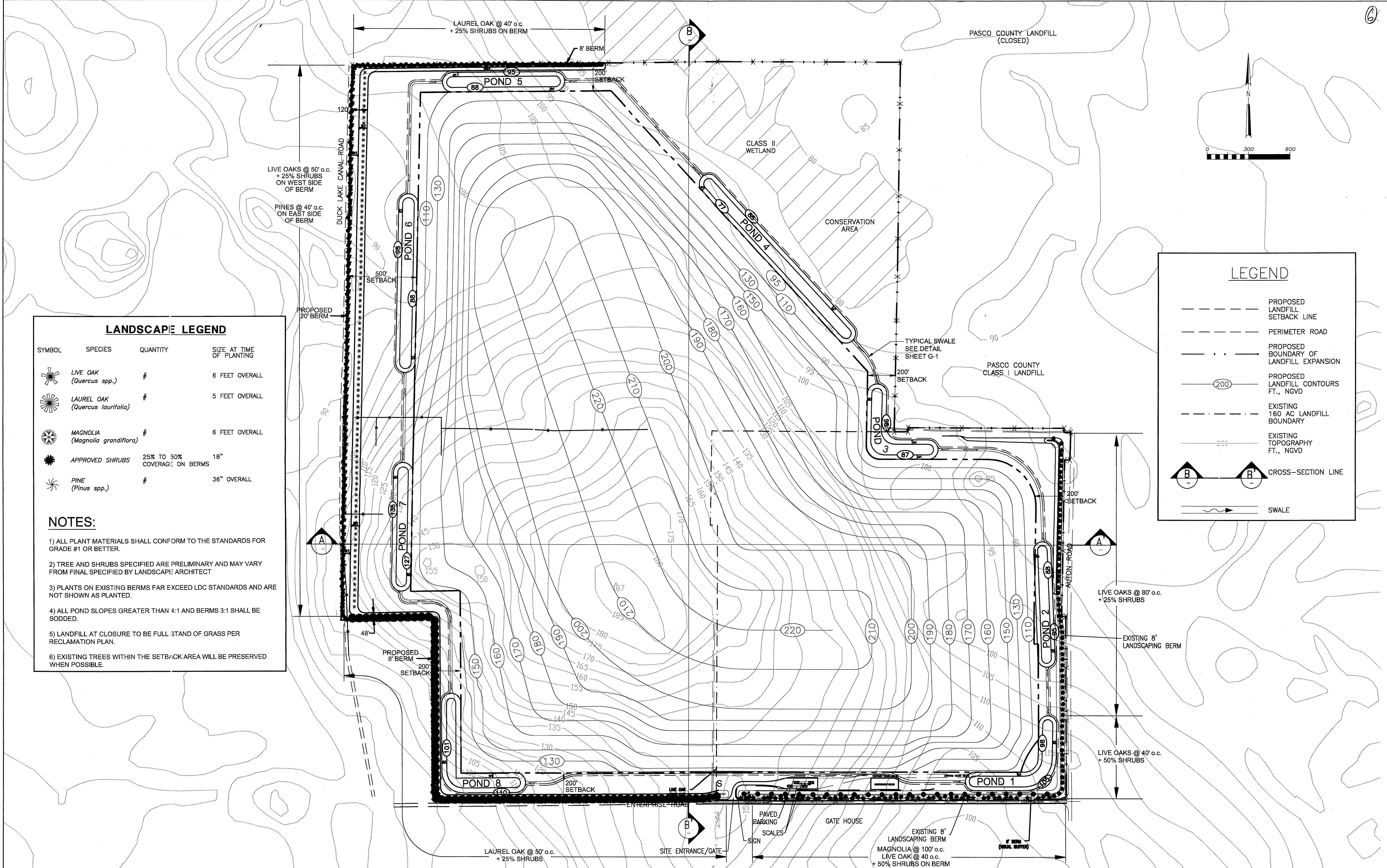
PROPOSED EXPANSION OF ENTERPRISE RECYCLING AND DISPOSAL FACILITY CLASS III LANDFILL
Enterprise Road
Dade City, Florida

CROSS SECTIONS

DATE	REVISIONS	REVISED	CHECKED

David L. Leggett, P.E. P.E. No. 58667, FL Engineering Business No. 9915	DESIGNED JEG 3-04	BY JEG 3-04	PROJECT NO. 03-255.001
DRAWN DRD 3-04	CHECKED DLL 3-04	SCALE NOTED	9-8
DATE 3-12-04	FILE 03255001C01.DWG	SHEET OF	

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 29 2004
SOUTHWEST DISTRICT TAMPA



LANDSCAPE LEGEND

SYMBOL	SPECIES	QUANTITY	SIZE AT TIME OF PLANTING
	LIVE OAK (<i>Quercus spp.</i>)	#	6 FEET OVERALL
	LAUREL OAK (<i>Quercus laurifolia</i>)	#	5 FEET OVERALL
	MAGNOLIA (<i>Magnolia grandiflora</i>)	#	6 FEET OVERALL
	APPROVED SHRUBS	25% TO 50% COVERAGE ON BERMS	18"
	PINE (<i>Pinus spp.</i>)	#	36" OVERALL

NOTES:
1) ALL PLANT MATERIALS SHALL CONFORM TO THE STANDARDS FOR GRADE #1 OR BETTER.
2) TREE AND SHRUBS SPECIFIED ARE PRELIMINARY AND MAY VARY FROM FINAL SPECIFIED BY LANDSCAPE ARCHITECT
3) PLANTS ON EXISTING BERMS FAR EXCEED LDC STANDARDS AND ARE NOT SHOWN AS PLANTED.
4) ALL POND SLOPES GREATER THAN 4:1 AND BERMS 3:1 SHALL BE SODDED.
5) LANDFILL AT CLOSURE TO BE FULL STAND OF GRASS PER RECLAMATION PLAN.
6) EXISTING TREES WITHIN THE SETBACK AREA WILL BE PRESERVED WHEN POSSIBLE.

LEGEND

	PROPOSED LANDFILL SETBACK LINE
	PERIMETER ROAD
	PROPOSED BOUNDARY OF LANDFILL EXPANSION
	PROPOSED LANDFILL CONTOURS FT., NGVD
	EXISTING 160 AC LANDFILL BOUNDARY
	EXISTING TOPOGRAPHY FT., NGVD
	CROSS-SECTION LINE
	SWALE

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PROPOSED EXPANSION OF ENTERPRISE RECYCLING AND DISPOSAL FACILITY CLASS III LANDFILL
Enterprise Road
Dade City, Florida

PROPOSED LANDSCAPE PLAN

DATE	REVISIONS	REVISED	CHECKED	DATE

David L. Leggett, P.E.
P.E. No. 68667, FL
Engineering Business No. 9916

3-12-04

DESIGNED	BY	DATE	PROJECT NO.
JEG	JEG	3-04	03-255.001
DRAWN	DRD	3-04	SCALE
DLL	DLL	3-04	1"=300'
CHECKED	QC APPROVAL	JEG	3-04
JEG	JEG	3-04	

FILE: 03255001C01.DWG
SHEET 9 OF 11