

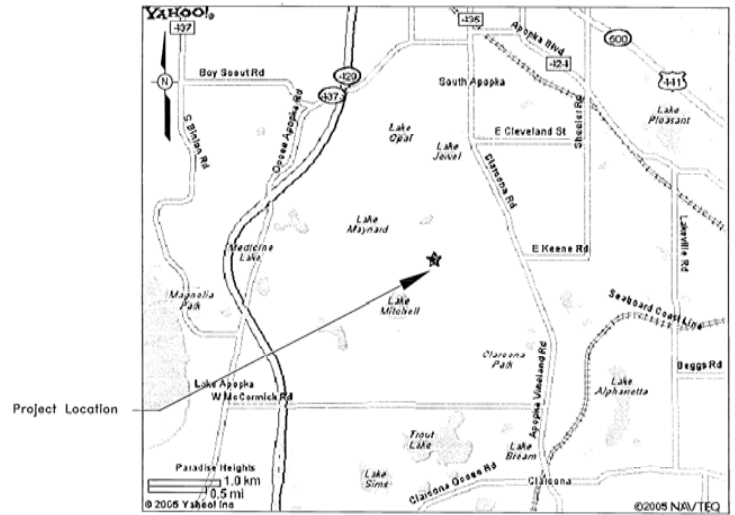
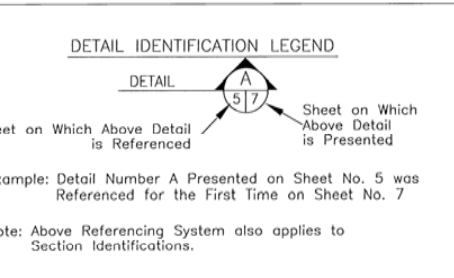
ENGINEERING DRAWINGS FOR CLASS III LANDFILL PERMIT RENEWAL KEENE ROAD SOUTH APOPKA, FLORIDA

RECEIVED
JAN 20 2006
Central Dist.-DEP

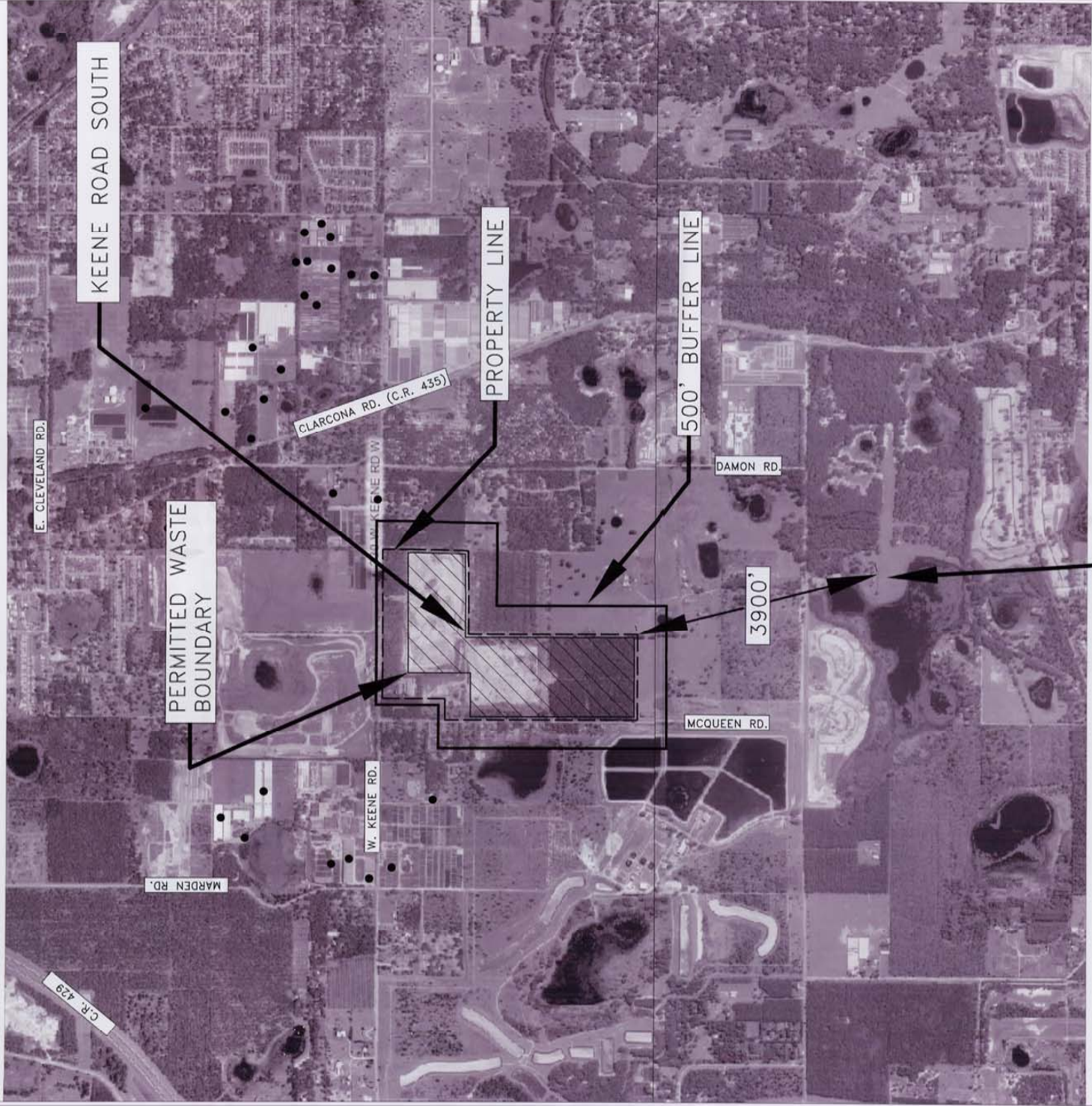
DRAWING TITLE	DRAWING NO.
COVER SHEET	1
AERIAL PHOTOGRAPH	2
EXISTING TOPOGRAPHY (1 OF 3)	3A
EXISTING TOPOGRAPHY (2 OF 3)	3B
EXISTING TOPOGRAPHY (3 OF 3)	3C
SITE PLAN	4
BASE GRADES	5
DRAINAGE PLAN (1 OF 2)	6
DRAINAGE PLAN (2 OF 2)	7
CROSS-SECTIONS	8
PROPOSED USE AND ZONING MAP	10

SUBMITTED TO:
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FLORIDA 32803

SUBMITTED: JANUARY 2006



CURRENT VICINITY MAP



LEGEND
 ● POTABLE WATER WELL

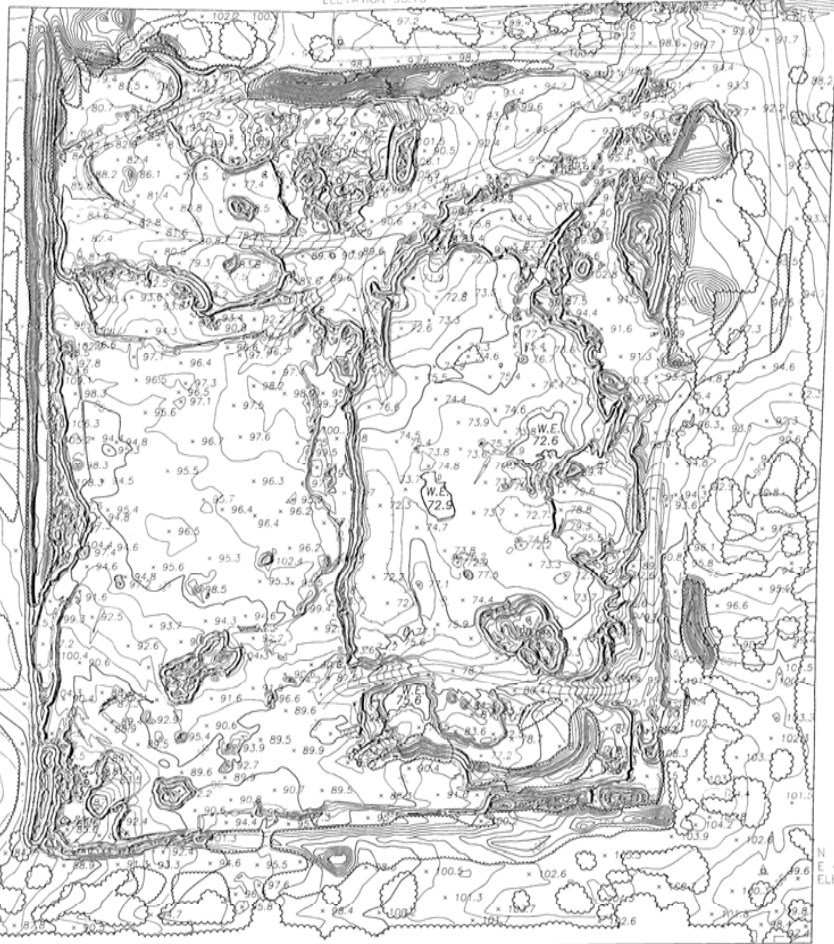


CARTER AIRPORT

NOTES:
 1. THERE ARE NO OTHER AIRPORTS LOCATED WITHIN A 5-MILE RADIUS OF THE KEENE ROAD SOUTH, EXCEPT AS SHOWN ON THE AERIAL PHOTOGRAPH.
 2. THERE ARE NO POTABLE WATER WELLS WITHIN 500-FT AND COMMUNITY SUPPLY WATER WELLS WITHIN 1000-FT OF THE PERMITTED WASTE BOUNDARY.

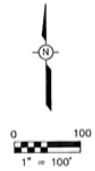
SOURCE OF MAP: ORANGE COUNTY FLORIDA INTERACTIVE MAPPING
 DATE OF AERIAL PHOTOGRAPH: APRIL 2005
<http://www.orangecountyfl.net/cms/BUSINESS/gis/default.htm>

N 1564915
E 490823
ELEVATION 98.76'



N 1563197
E 490292
ELEVATION 86.74'

N 1563257
E 491450
ELEVATION 100.93'



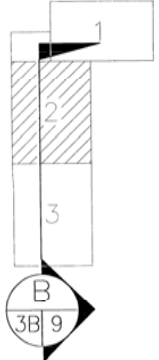
TOPOGRAPHY BY: PICKETT AERIAL SURVEYS
A DIVISION OF PICKETT & ASSOCIATES, INC.
DATE OF TOPOGRAPHY: OCTOBER 09, 2003

LEGEND:

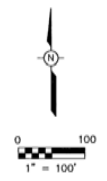
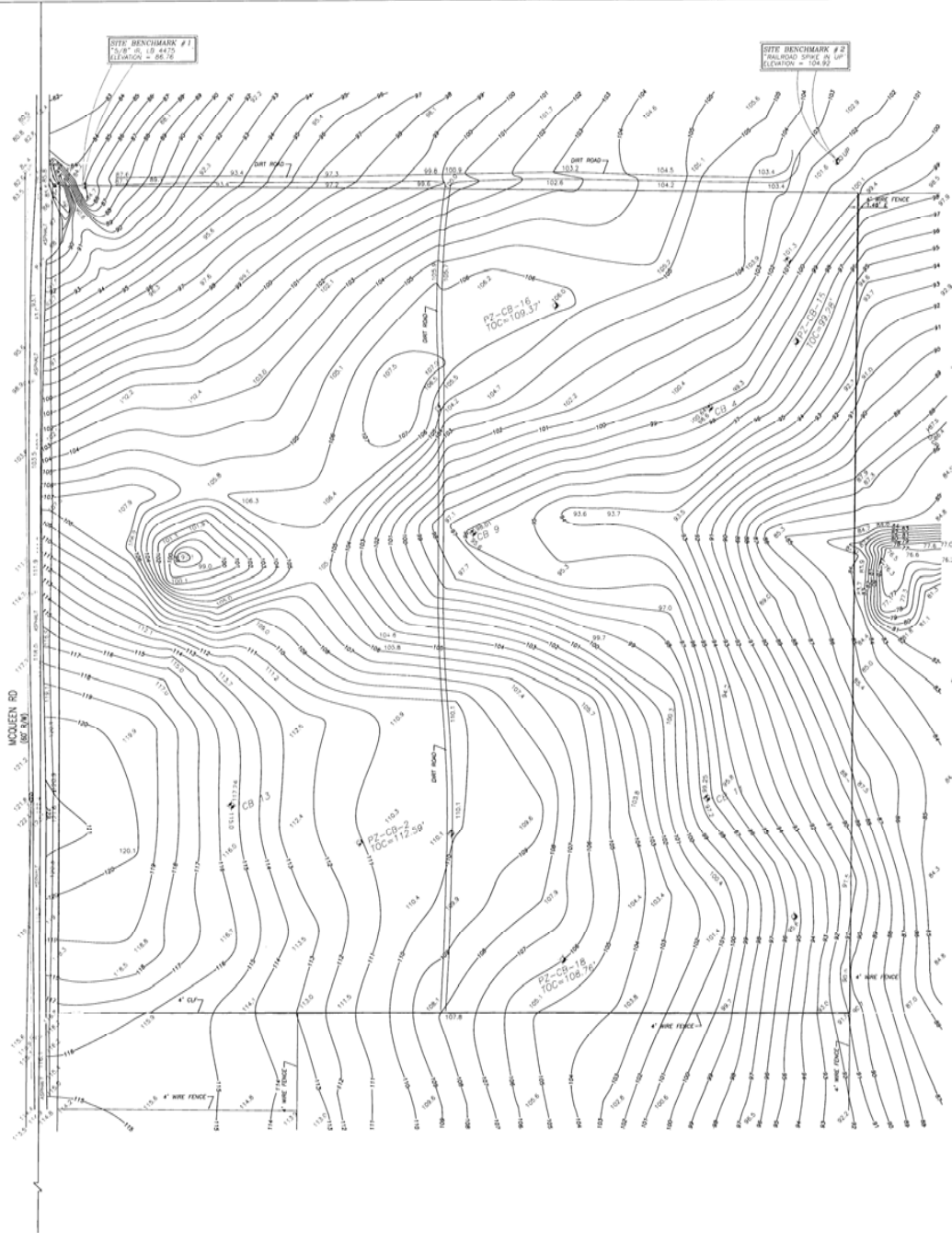
(THESE FEATURES ARE REPRESENTED BY SYMBOLS NOT TO SCALE)	(THESE FEATURES ARE TO SCALE)	
△ CONTROL	PAVED SURFACE	CONCRETE SURFACE
○ CONCRETE PAD	PAVED SURFACE	OBSCURED CONTOUR
	GUARDRAIL	DEPRESSION CONTOUR
	FENCE	(THESE INFORMATIVE LABELS ARE NOT SCALE DEPENDENT)
	EDGE OF WATER	W.E. WATER ELEVATION
	TREE LINE	*106.6 TYPICAL SPOT ELEVATION
	SHRUB LINE	*102.8 OBSCURED SPOT ELEVATION
		-90- EXISTING CONTOUR

SURVEYOR'S NOTES:

- 1.) North, the grid, and the coordinates shown hereon are referenced to East Zone of the Florida State Plane Coordinate System, NAD 83, 1990 adjustment. Orange County horizontal control stations GIS 0113, GIS 0474, and GIS 0478 were held as control.
- 2.) Elevations are to National Geodetic Vertical Datum of 1929 and are based on Orange County benchmarks 4-GAF, B082033, and B073055.
- 3.) This topographic survey was prepared by photogrammetric methods. See the attached report for map accuracy and surveyor's signature and seal. This map is limited to those features visible on aerial photography.



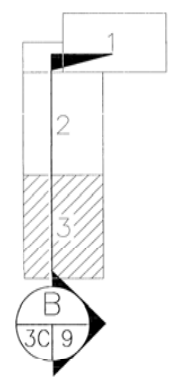
The topography shown on this drawing was provided by Pickett Aerial Surveys. Minor topographic changes have occurred since the date of the topography.



THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 28, TOWNSHIP 21 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA. (LESS THE WEST 30 FEET FOR ROAD)
 BOUNDARY SURVEY AND LIMITED TOPOGRAPHY BY: ACCURIGHT SURVEYS

DATE OF BOUNDARY SURVEY AND TOPOGRAPHY: JUNE 16, 2003

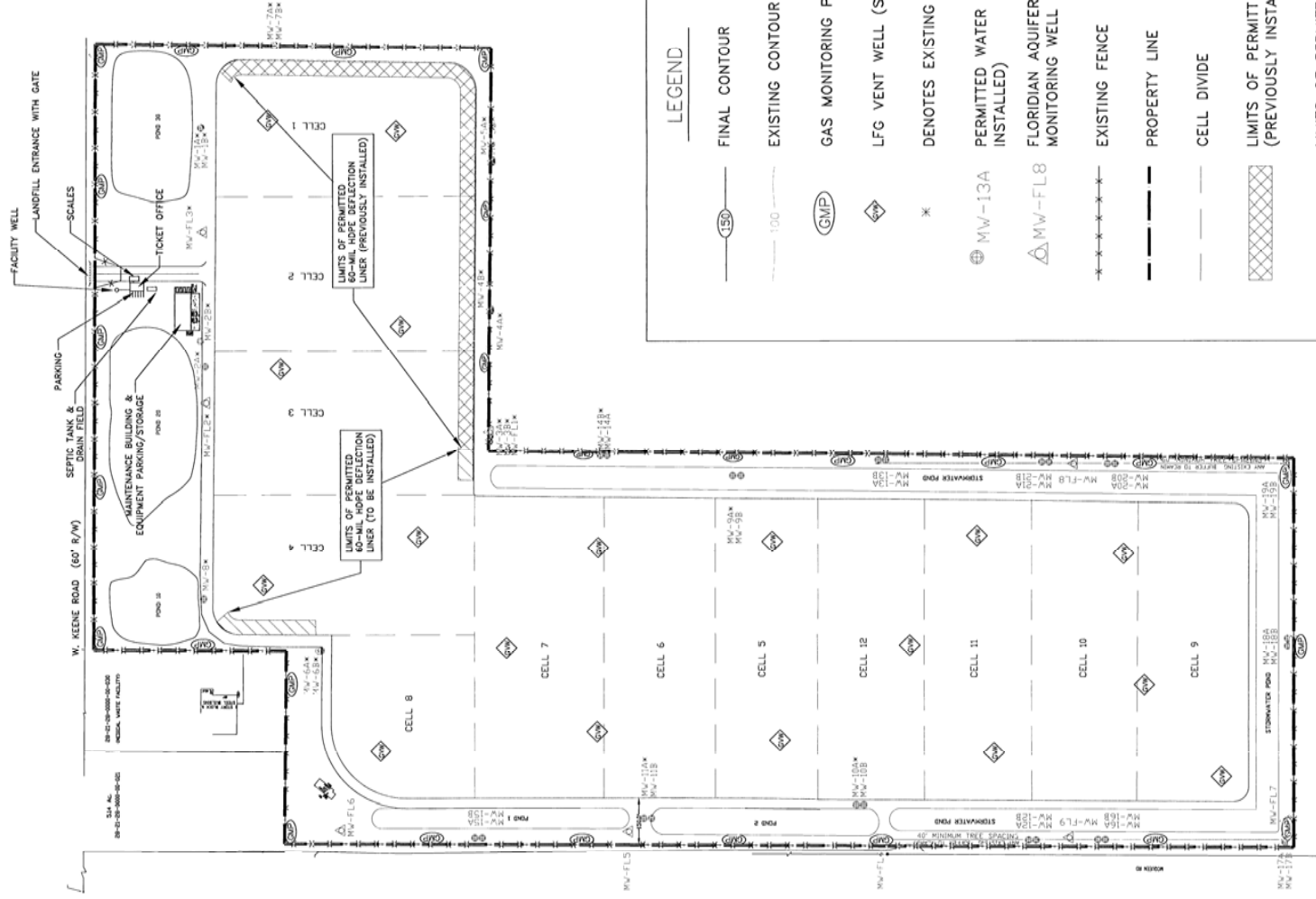
1. BEARING STRUCTURE BASED ON EAST LINE OF THE SOUTHEAST 1/4 OF SECTION 28-21-28 BEING: S00°12'52"W.
2. THIS SURVEY REFLECTS ONLY MATTERS OF RECORD AS PROVIDED BY THE CLIENT OR CLIENTS REPRESENTATIVE.
3. THIS SURVEY WAS MADE ON THE GROUND. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
4. THIS SITE IS NOT IN A FLOOD PRONE AREA, IT IS IN ZONE X, AN AREA OF MINIMAL FLOODING BASED ON FLOOD INSURANCE RATE MAP, PANEL NO. 120179 0120 E, HAVING AN EFFECTIVE DATE OF 12-6-00, ORANGE COUNTY, FLORIDA.
5. ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM, 1929, GEOLOGICAL SURVEY BM # 4 BEING 114.62 FEET, (NGVD 29).
6. ACCORDING TO FLORIDA STATUTES, CHAPTER 472.025, A LAND SURVEYOR SHALL NOT AFFIX HIS SEAL OR NAME TO ANY PLAN OR DRAWING WHICH DEPICTS WORK WHICH HE IS NOT LICENSED TO PERFORM OR WHICH IS BEYOND HIS PROFESSION OR SPECIALTY THEREIN. THEREFORE, WE ARE UNABLE TO CERTIFY AS TO MUNICIPAL ZONING COMPLIANCE, INTERPRETATION OF ZONING CODES OR THE DETERMINATION OF VIOLATIONS THEREOF.
7. THIS SURVEY MADE WITHOUT BENEFIT OF COMMITMENT FOR TITLE.



LEGEND:

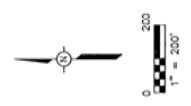
(THESE FEATURES ARE REPRESENTED BY SYMBOLS NOT TO SCALE)		(THESE FEATURES ARE TO SCALE)	
△	CONTROL	—x—x—	FENCE
○	CONCRETE PAD	+ 106.6	TYPICAL SPOT ELEVATION
-90-	EXISTING CONTOUR		

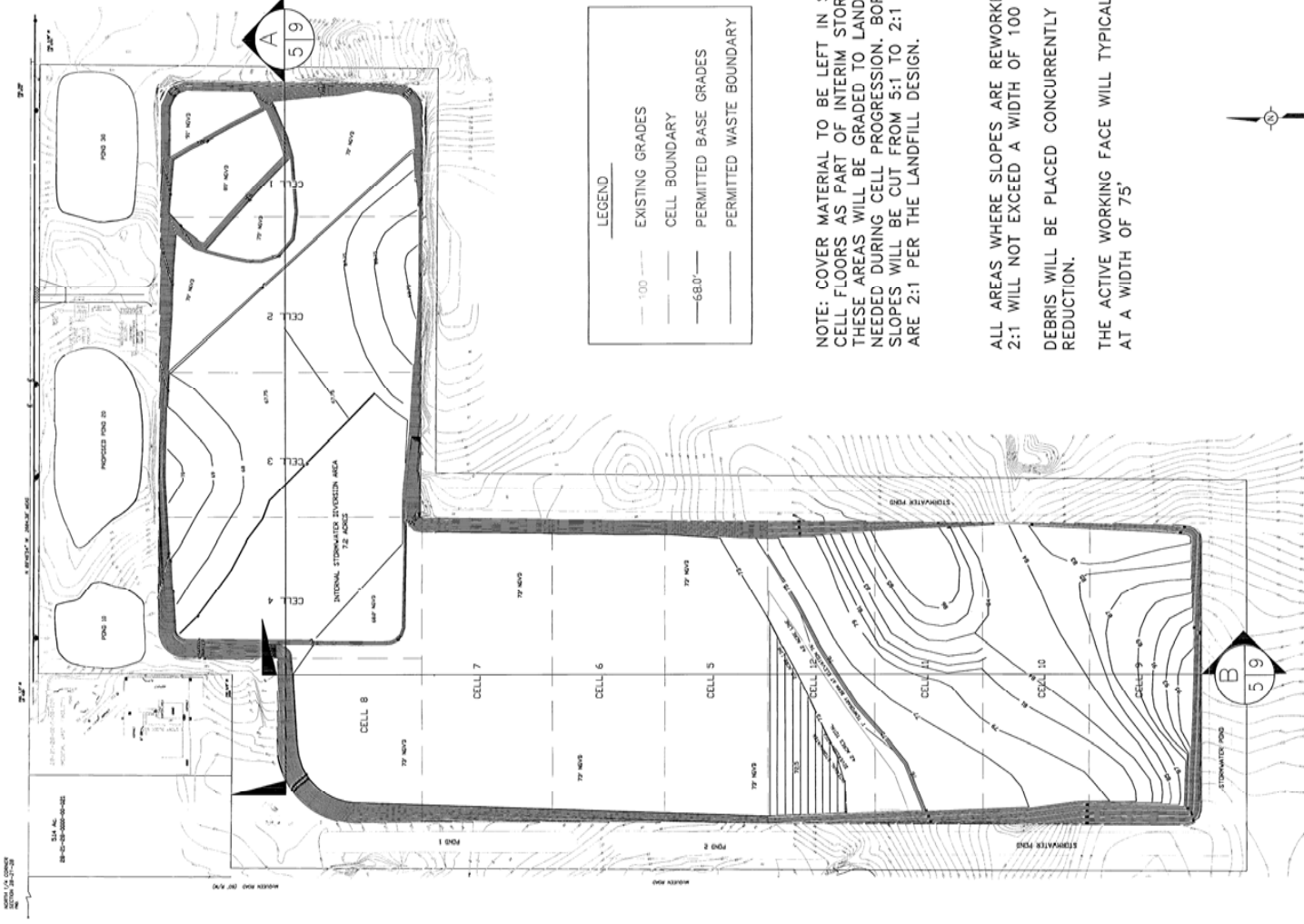
THERE HAS BEEN NO SUBSTANTIAL CHANGE TO THE SITE SINCE THE DATE OF THE TOPOGRAPHY



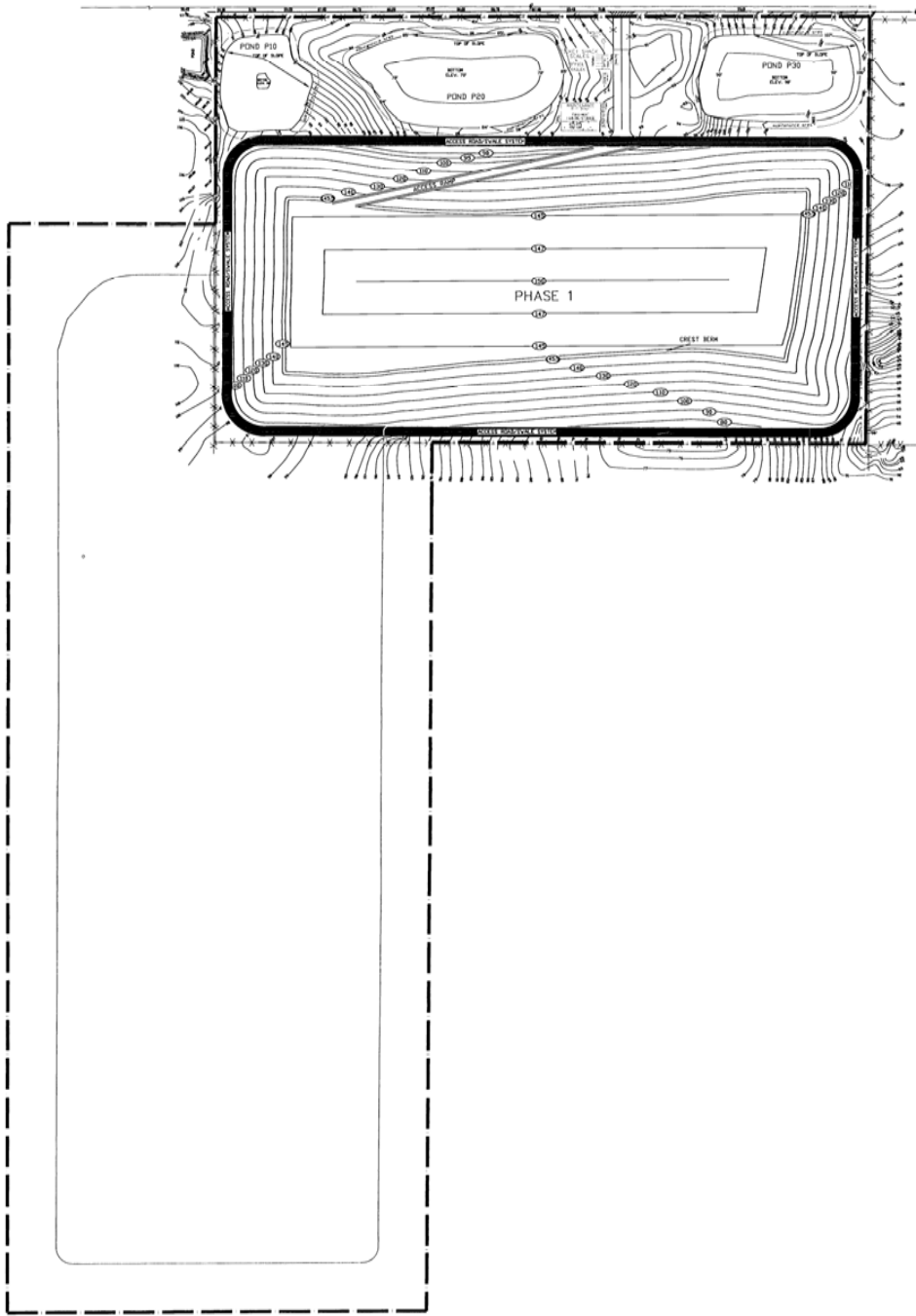
LEGEND

- 150 — FINAL CONTOUR
- 100 — EXISTING CONTOUR
- ⊖ (GMP) GAS MONITORING PROBE (SEE DETAIL 3/19)
- ⊖ (LFG) LFG VENT WELL (SEE DETAIL 2/49)
- * DENOTES EXISTING WELL
- ⊕ MW-13A PERMITTED WATER MONITORING WELL (NOT INSTALLED)
- △ MW-FL8 FLORIDIAN AQUIFER WATER MONITORING WELL (NOT INSTALLED)
- * — * — * — EXISTING FENCE
- — — — — PROPERTY LINE
- — — — — CELL DIVIDE
- ▨ LIMITS OF PERMITTED 60-MIL HDPE LINER (PREVIOUSLY INSTALLED)
- ▨ LIMITS OF PERMITTED 60-MIL HDPE LINER (TO BE INSTALLED)



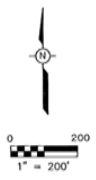


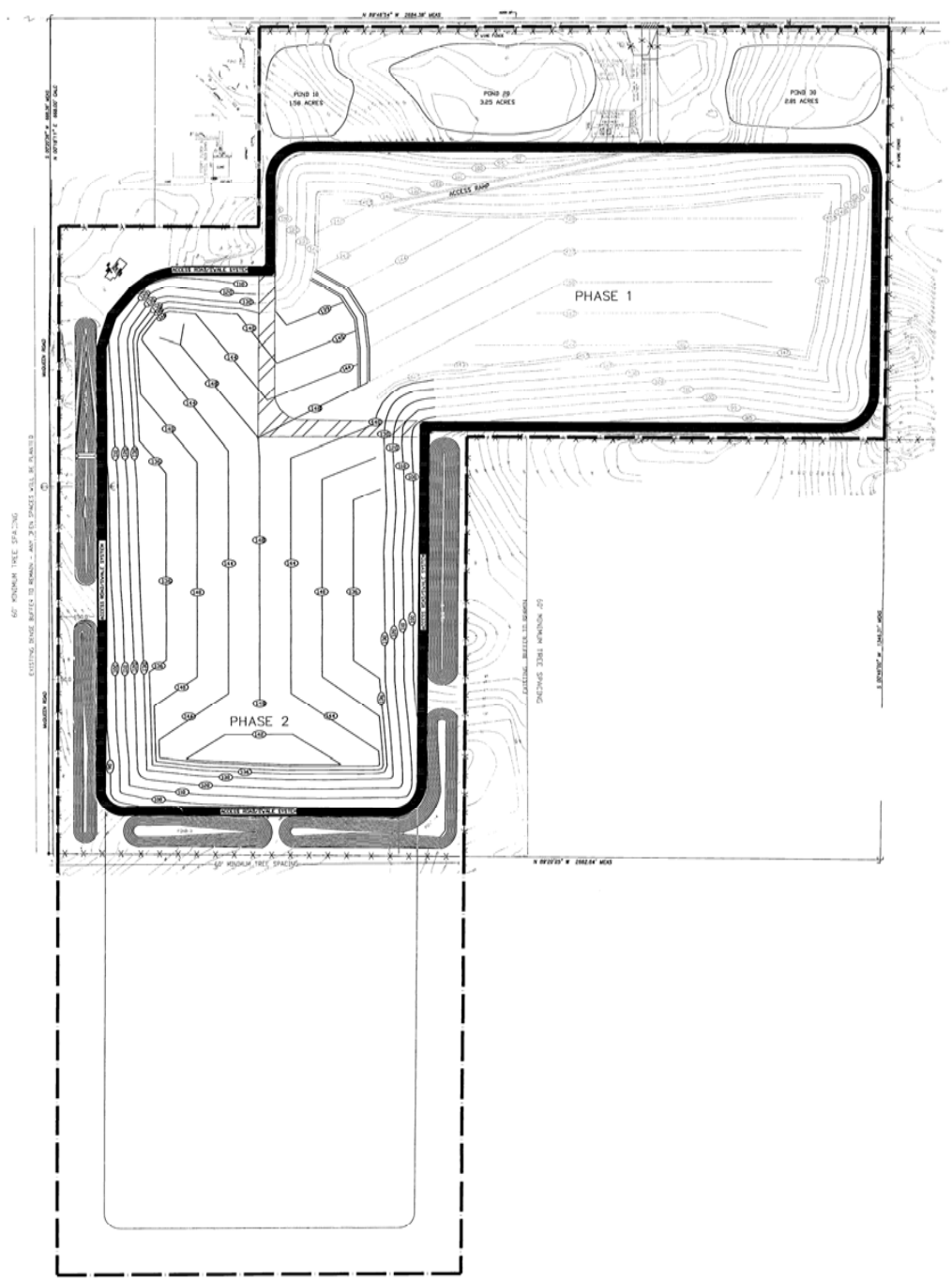
SZLI CERTIFIES THAT THE INFORMATION PROVIDED ON THIS DRAWING REPRESENTS THE PERMITTED BASE GRADES THAT ARE ON FILE WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. NO CHANGES ARE PROPOSED TO THE BASE GRADES WITH THIS PERMIT RENEWAL APPLICATION.



LEGEND

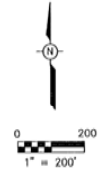
	FINAL CONTOUR
	EXISTING CONTOUR
	PROPERTY LINE
	PERMITTED WASTE BOUNDARY
	ACCESS ROAD/SWALE SYSTEM
	PERIMETER FENCE

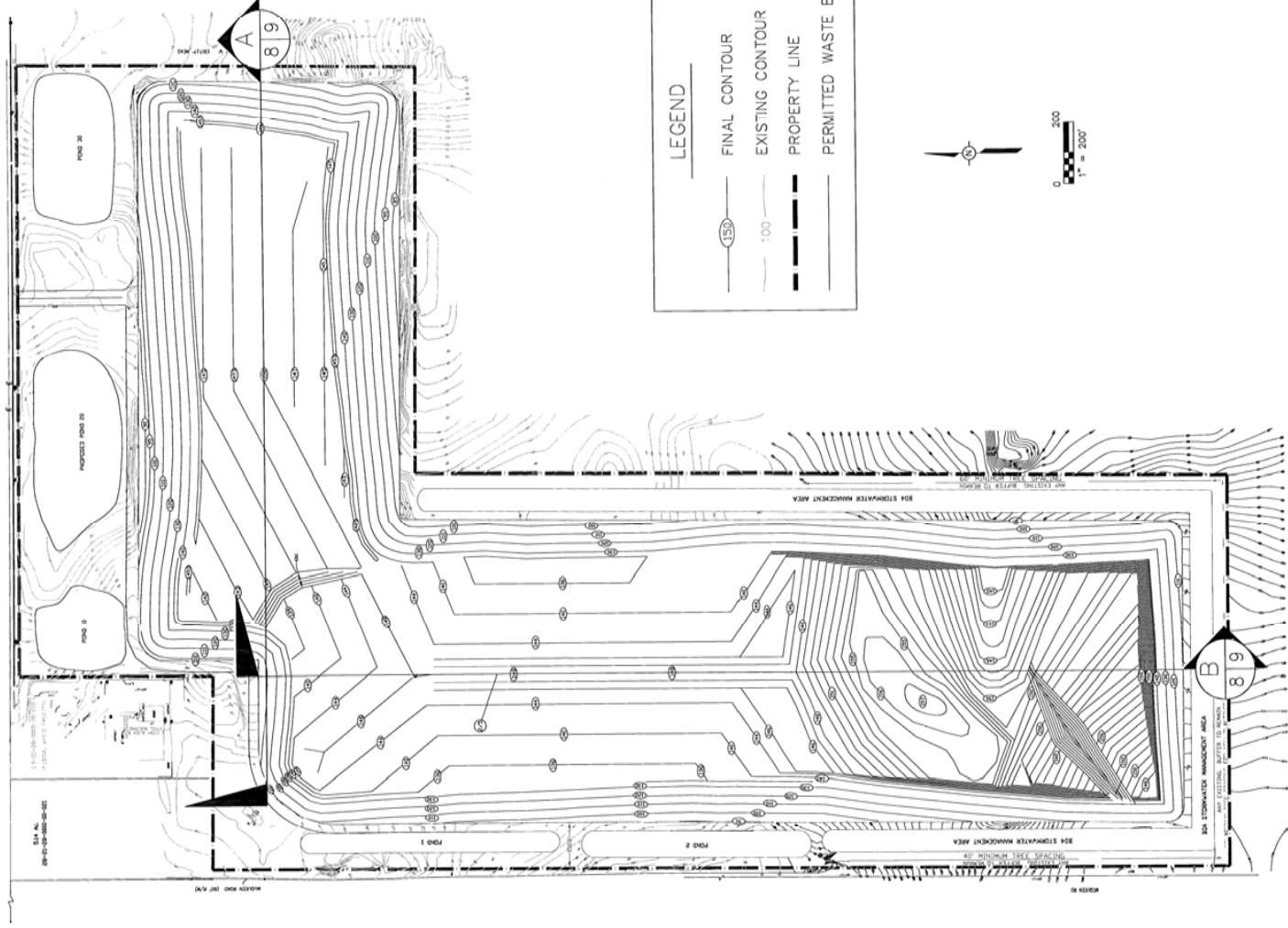




LEGEND

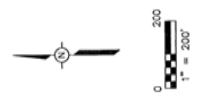
- FINAL CONTOUR
- EXISTING CONTOUR
- EXPANSION TIE-IN AREA
- PROPERTY LINE
- PERMITTED WASTE BOUNDARY
- ACCESS ROAD/SWALE SYSTEM
- PERIMETER FENCE



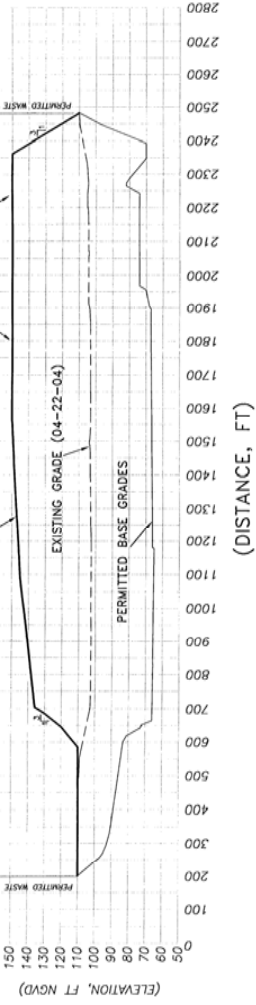


LEGEND

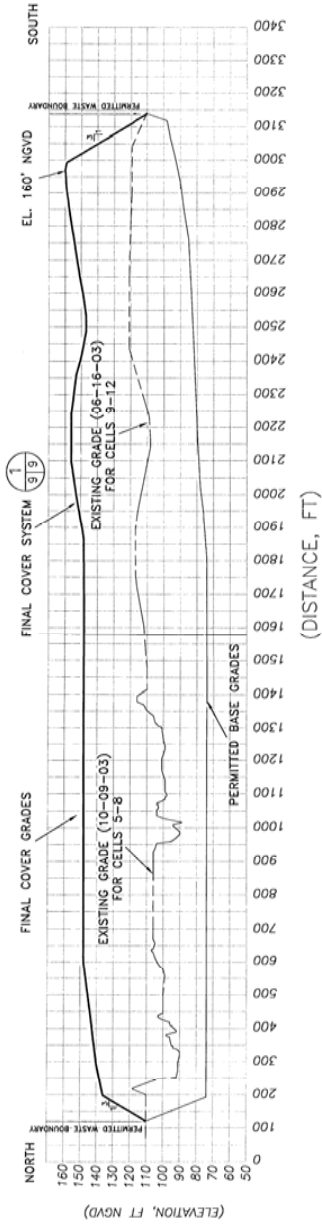
— (with elevation symbol) — FINAL CONTOUR
 - - - - - EXISTING CONTOUR
 - - - - - PROPERTY LINE
 ————— PERMITTED WASTE BOUNDARY



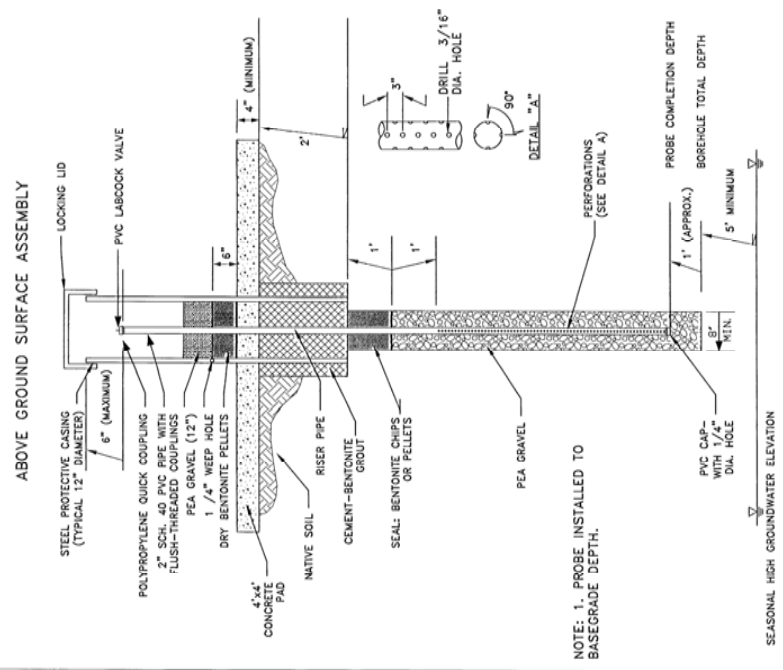
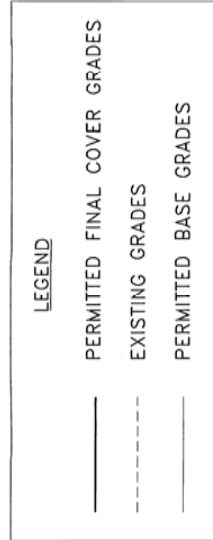
S2LI CERTIFIES THAT THE INFORMATION PROVIDED ON THIS DRAWING IS CONSISTENT WITH THE PERMITTED FINAL GRADES THAT ARE ON FILE WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. NO CHANGES ARE PROPOSED TO THE FINAL GRADES WITH THIS PERMIT RENEWAL APPLICATION.



WEST-EAST CROSS-SECTION
HORIZONTAL SCALE 1" = 200'
VERTICAL SCALE 1" = 40'

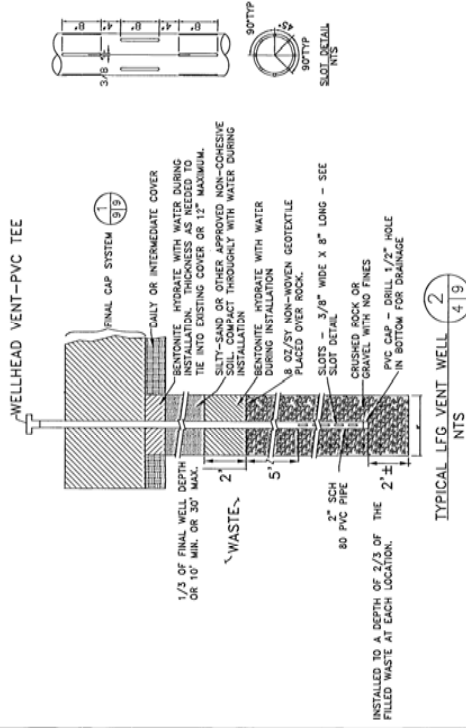


NORTH-SOUTH CROSS-SECTION
HORIZONTAL SCALE 1" = 200'
VERTICAL SCALE 1" = 40'



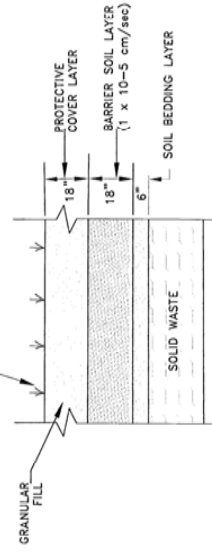
NOTE: 1. PROBE INSTALLED TO BASEGRADE DEPTH.

TYPICAL LFG MONITORING PROBE
NTS



NOTES:
1. WELL LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED BY PROJECT ENGINEER OR PROJECT MANAGER TO ACCOMMODATE FIELD CONDITIONS AND FACILITATE CONSTRUCTION.
2. WELL DEPTHS ARE APPROXIMATE AND SHOULD BE ADJUSTED TO ACCOMMODATE ACTUAL WELL DEPTHS TO BE COMPUTED AND PROVIDED BY PROJECT ENGINEER BASED ON SURVEY OF EXACT WELL LOCATIONS AND LINER AS - BUILT RECORDS.

SOD VEGETATION FOR ALL SIDE SLOPES, SWALES AND TERRACED AREAS WITH SLOPES GREATER THAN 6:1. VEGETATIVE LAYERS SHALL BE SEEDS/MULCHED WHEN SLOPES ARE LESS THAN 6:1.



FINAL COVER SYSTEM
NTS