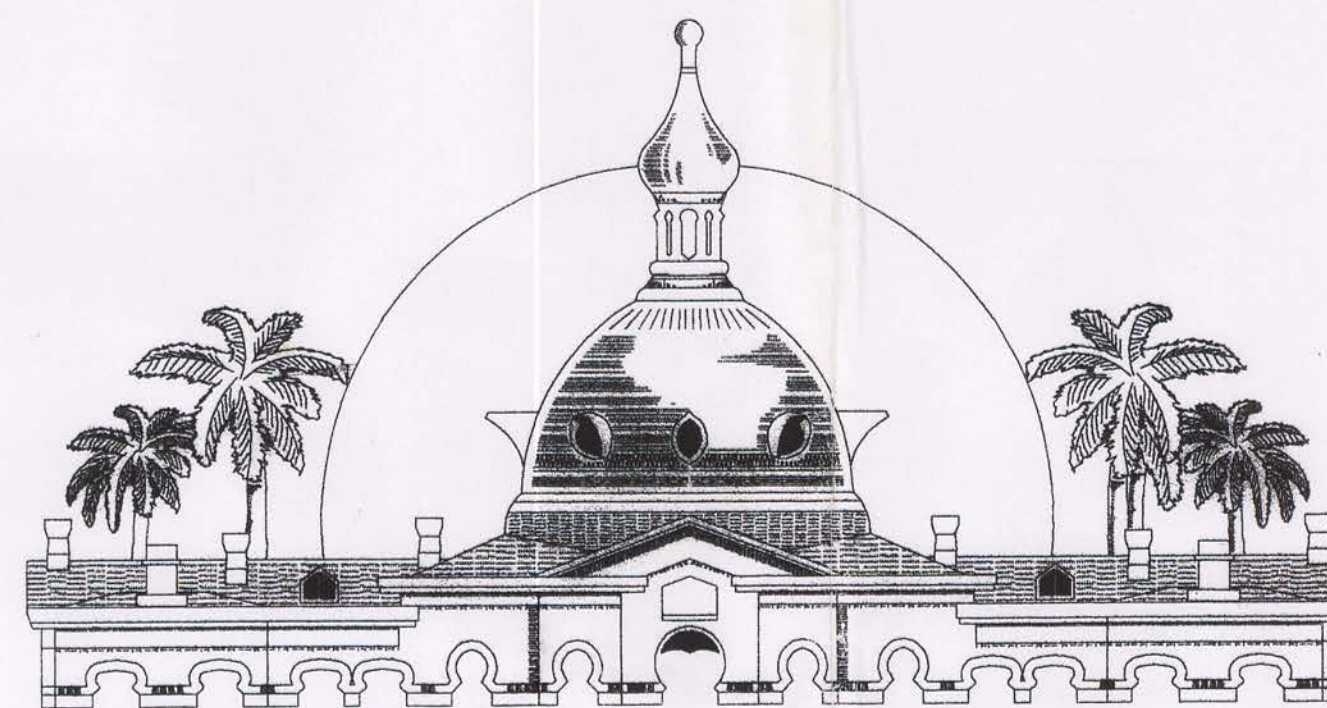
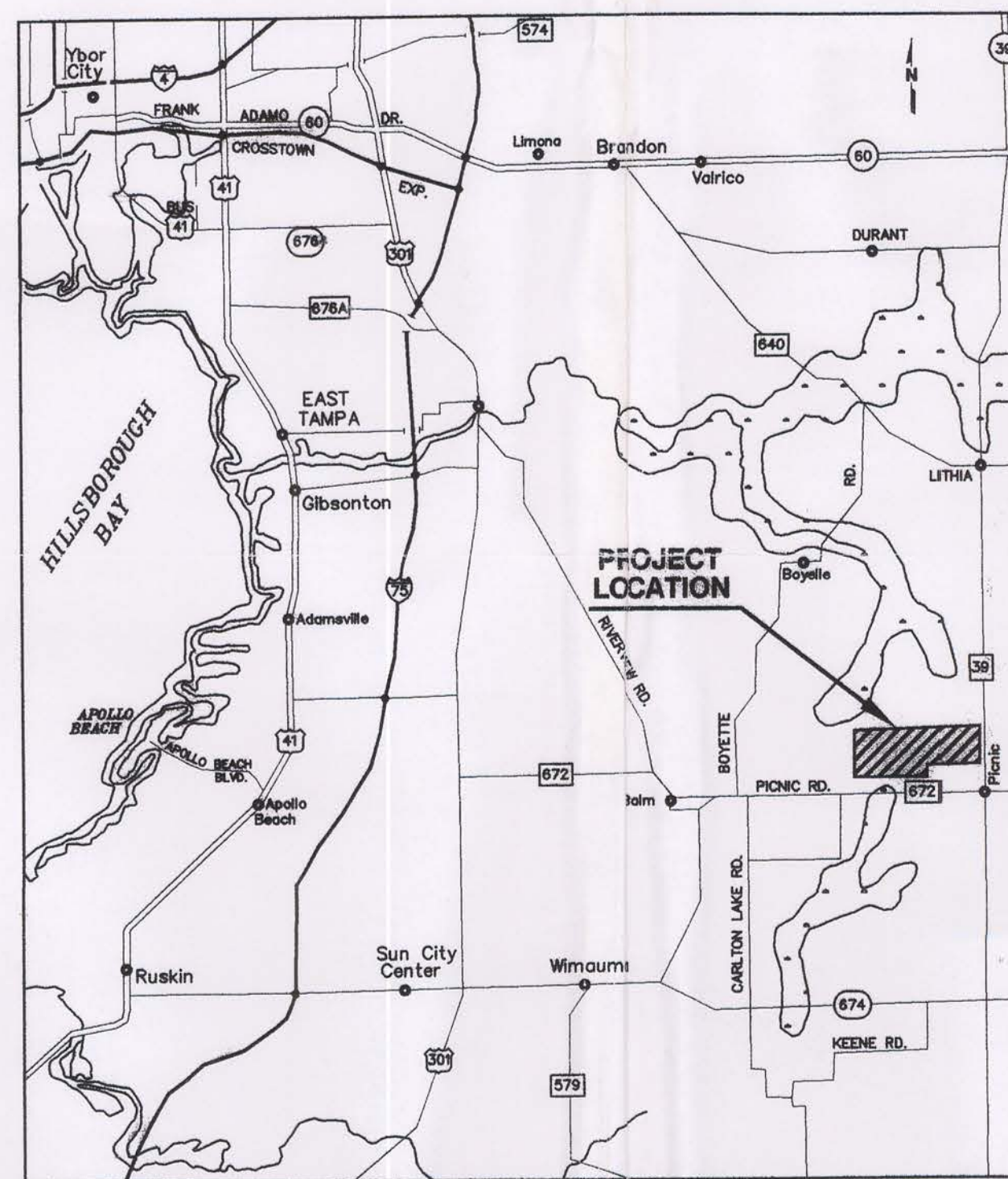


SOUTHEAST COUNTY LANDFILL CAPACITY EXPANSION SECTION I CONSTRUCTION SET COUNTY OF HILLSBOROUGH, FLORIDA SOLID WASTE MANAGEMENT DEPARTMENT TAMPA, FLORIDA



BOARD OF COUNTY COMMISSIONERS

PAT FRANK, Chair
CHRIS HART, Vice-Chair
BEN WACKSMAN, Commissioner
JIM NORMAN, Commissioner
THOMAS SCOTT, Commissioner
RONDA STORMS, Commissioner
JAN PLATT, Commissioner



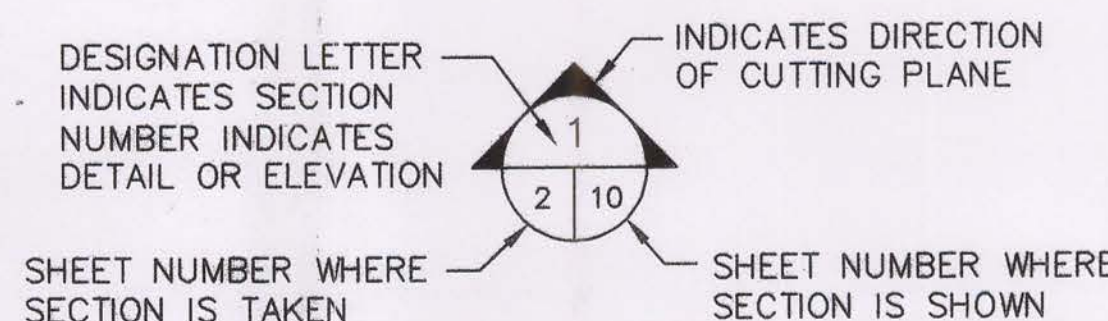
LOCATION MAP

ORIGINAL SUBMITTAL-MARCH 16, 2000, REVISED-MAY 17, 2000 AND JULY 14, 2000
CONSTRUCTION SET SUBMITTAL -APRIL 27, 2001

DRAWING INDEX

NOTE: SHEETS CROSSED OUT BY A LINE NOT INCLUDED FOR CONSTRUCTION.

DRAWING NO.	DRAWING TITLE
1	COVER SHEET
2	FACILITY SITE PLAN AND EXISTING TOPOGRAPHY
3	CONCEPTUAL GRADING PLAN - FULL DEVELOPMENT
4	CONCEPTUAL SEQUENCE PLAN - FULL DEVELOPMENT
5	CONCEPTUAL LEACHATE COLLECTION AND REMOVAL SYSTEM - FULL DEVELOPMENT
6	EXCAVATION PLAN - SECTION 1
7	BACKFILL PLAN - SECTION 1
8	LCRS - SECTION 1 (TOP OF CLAY SUBBASE)
8A	FINAL GRADING PLAN (TOP OF DRAINAGE SAND LAYER)
8B	CROSS SECTIONS
9	SEQUENCE PLANS - SECTION 1
10	CONCEPTUAL SEQUENCE PLAN STAGES 1 THRU 4
11	CONCEPTUAL SEQUENCE PLAN STAGES 5 THRU 8
12	CONCEPTUAL SEQUENCE PLAN STAGE 9 AND FINAL BUILDOUT
13	CLOSURE PLAN - SECTION 1
14	EXCAVATION AND BACKFILL SECTIONS
15	LCRS DETAILS
16	CLOSURE SECTIONS
17	DETAILS - 1
18	DETAILS - 2
18A	STORMWATER SEPARATION BERM DETAILS
19	DETAILS 3
20	DETAILS 4
21	SUMP DETAILS - 1
22	SUMP DETAILS - 2



SECTION AND DETAIL DESIGNATION

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3012 U.S. 301 N. SUITE 700
TAMPA, FLORIDA 33619
(813) 621-0080
WWW.SCS-ENG.COM

RECORD DRAWINGS

PREPARED FOR:
HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

LEGEND AND ABBREVIATIONS

	SHEET FLOW DRAINAGE DIRECTION
	CONCENTRATED DRAINAGE FLOW DIRECTION
	FILL PROGRESSION
	DAILY PROGRESSION
	ZONE/PHASE BOUNDARY
	CENTERLINE OF SWALE
	CENTERLINE OF TEMPORARY SWALE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROJECTED EXISTING CONTOUR
	DOWNCHUTE
	LIMITS OF EXCAVATION OF ORGANIC MATERIAL
	PROPERTY LINE
	FENCELINE
	LANDFILL GAS MONITORING WELL
	EXISTING POWER POLE
	EXISTING GROUNDWATER MONITORING WELL
	PROPOSED GROUNDWATER MONITORING WELL
	SOIL BORING
	VEGETATION
	APPROXIMATE
	CENTERED
	ELLIPTICAL REINFORCED CONCRETE PIPE
	ELEVATION
	INVERT ELEVATION
	LINEAR FEET
	EXISTING
	SCHEDULE
	TYPICAL
	DIAMETER
	CONCRETE
	WITH
	CORRUGATED METAL PIPE
	MINIMUM
	MAXIMUM
	HIGH DENSITY POLYETHYLENE
	FLORIDA DEPARTMENT OF TRANSPORTATION
	NUMBER

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OCT 21 2003
SOUTHWEST DISTRICT
TAMPA



- NOTES :
- 1) TOPOGRAPHIC INFORMATION COMPILED FROM AERIAL PHOTOGRAPHY BY LANDAIR AERIAL SURVEYING AND DIGITAL MAPPING ASSOCIATES, INC. DATE OF AERIAL PHOTOGRAPHY MAY 12, 2000.
 - 2) VERTICAL DATUM BASED ON NGS MEAN SEA LEVEL. GRID BASED ON FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 1983.
 - 3) GROUND CONTROL MONUMENT CONTROL INFORMATION PROVIDED BY RED MAN CONSULTANTS INC.
 - 4) SCS ENGINEERS MAKES NO REPRESENTATION OR GUARANTEES PERTAINING TO THE ACCURACY OF TOPOGRAPHIC INFORMATION, PROPERTY LINES, EASEMENTS, RIGHT-OF-WAYS, SETBACKS, RESERVATIONS, AGREEMENTS, OR OTHER SIMILAR MATTERS.

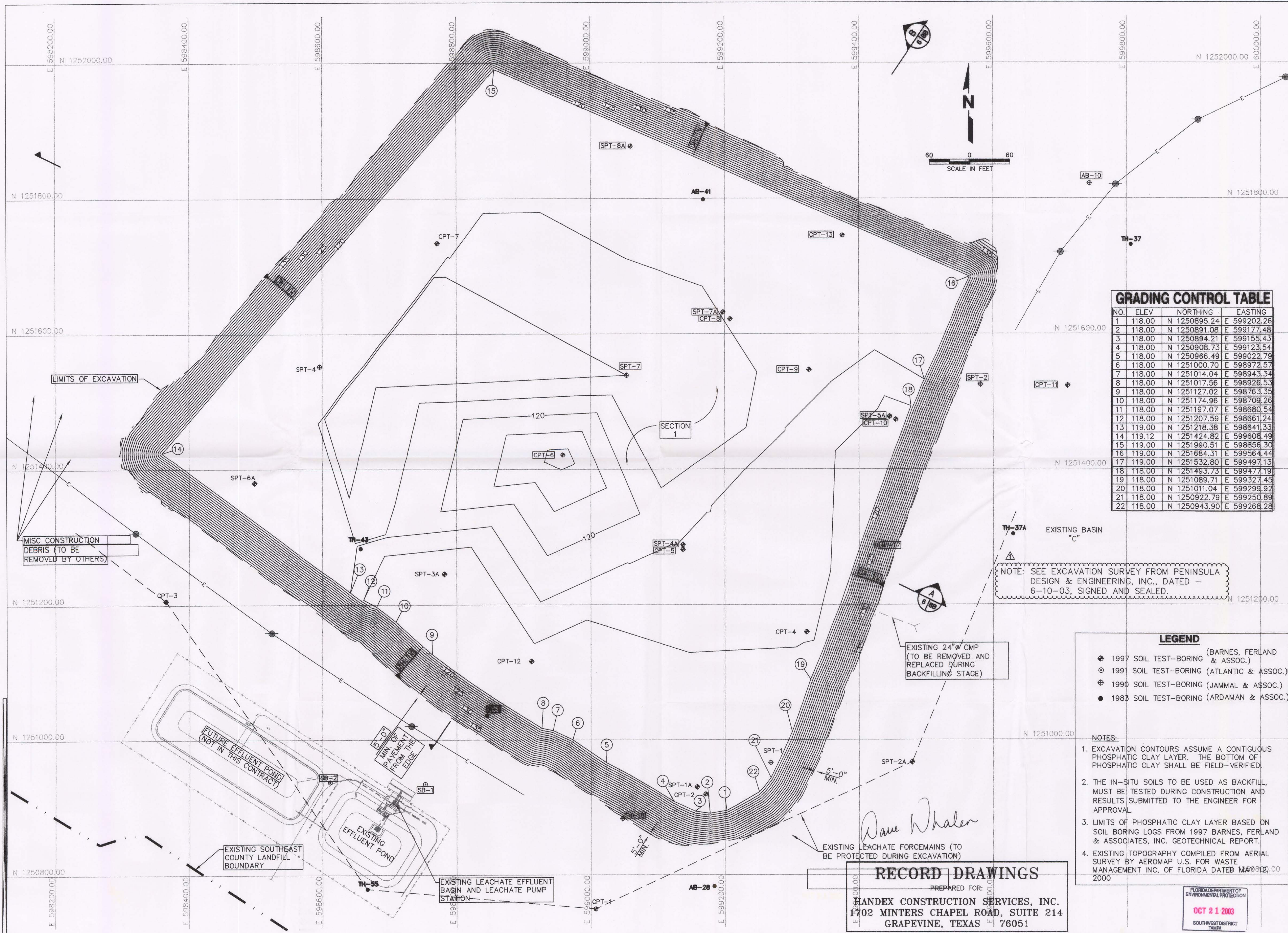
GROUND CONTROL MONUMENTS			
MONUMENT #	NORTHING	EASTING	ELEV.
3	1250855.41	598998.83	137.56
4	1249276.88	598535.88	129.88



Dave Whaler

RECORD DRAWINGS
PREPARED FOR:
HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

DRAWING TITLE FACILITY SITE PLAN AND EXISTING TOPOGRAPHY	CK. BY	MPR
	DESCRIPTION	RECORD DRAWINGS
	DATE	08/08/03
REV.	Δ	Δ
PROJECT TITLE SOUTHEAST COUNTY LANDFILL CAPACITY EXPANSION SECTION 1 CONSTRUCTION SET		
CLIENT HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT	SCS ENGINEERS STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS 3012 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619 PH (813) 831-4000 FAX NO. (813) 832-6757	
	ISSUED BY: JHO/GRD DATE: 09/20/00 CHECKED BY: LER APPROVED BY: RBG	Q/A REVIEW BY: RBG
CADD FILE: Sec1con\Exsite	DATE: APRIL 27, 2001	SCALE: AS SHOWN
DRAWING NO.	2 of 22	



GRADING CONTROL TABLE

NO.	ELEV	NORTHING	EASTING
1	118.00	N 1250895.24	E 599202.26
2	118.00	N 1250891.08	E 599177.48
3	118.00	N 1250894.21	E 599155.43
4	118.00	N 1250908.73	E 599123.54
5	118.00	N 1250966.49	E 599022.79
6	118.00	N 1251000.70	E 598972.57
7	118.00	N 1251014.04	E 598943.34
8	118.00	N 1251017.56	E 598926.53
9	118.00	N 1251127.02	E 598763.35
10	118.00	N 1251174.96	E 598709.26
11	118.00	N 1251197.07	E 598680.54
12	118.00	N 1251207.59	E 598661.24
13	119.00	N 1251218.38	E 598641.33
14	119.12	N 1251424.82	E 599608.49
15	119.00	N 1251990.51	E 598856.30
16	119.00	N 1251684.31	E 599564.44
17	119.00	N 1251532.80	E 599497.13
18	118.00	N 1251493.73	E 599477.19
19	118.00	N 1251089.71	E 599327.45
20	118.00	N 1251011.04	E 599299.92
21	118.00	N 1250922.79	E 599250.89
22	118.00	N 1250943.90	E 599268.28

NOTE: SEE EXCAVATION SURVEY FROM PENINSULA DESIGN & ENGINEERING, INC., DATED - 6-10-03, SIGNED AND SEALED.

LEGEND

- ◆ 1997 SOIL TEST-BORING (BARNES, FERLAND & ASSOC.)
- ⊙ 1991 SOIL TEST-BORING (ATLANTIC & ASSOC.)
- ⊕ 1990 SOIL TEST-BORING (JAMMAL & ASSOC.)
- 1983 SOIL TEST-BORING (ARDAMAN & ASSOC.)

NOTES:

- EXCAVATION CONTOURS ASSUME A CONTIGUOUS PHOSPHATIC CLAY LAYER. THE BOTTOM OF PHOSPHATIC CLAY SHALL BE FIELD-VERIFIED.
- THE IN-SITU SOILS TO BE USED AS BACKFILL, MUST BE TESTED DURING CONSTRUCTION AND RESULTS SUBMITTED TO THE ENGINEER FOR APPROVAL.
- LIMITS OF PHOSPHATIC CLAY LAYER BASED ON SOIL BORING LOGS FROM 1997 BARNES, FERLAND & ASSOCIATES, INC. GEOTECHNICAL REPORT.
- EXISTING TOPOGRAPHY COMPILED FROM AERIAL SURVEY BY AEROMAP U.S. FOR WASTE MANAGEMENT INC., OF FLORIDA DATED MAY 12, 2000

RECORD DRAWINGS

HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OCT 21 2003
SOUTHWEST DISTRICT
TAMPA

DRAWING TITLE
EXCAVATION PLAN - SECTION 1

PROJECT TITLE
SOUTHEAST COUNTY LANDFILL CAPACITY EXPANSION CONSTRUCTION SET

CLIENT
**HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT DEPARTMENT**

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3012 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
PH (813) 881-0080 FAX NO. (813) 883-6757

PROJ. NO.
092200020.31

DATE
09/22/2003

CHK. BY
JHO/GRD

APP. BY
JHO/GRD

CK. BY
MPR

DESCRIPTION
RECORD DRAWINGS

DATE
08/08/03

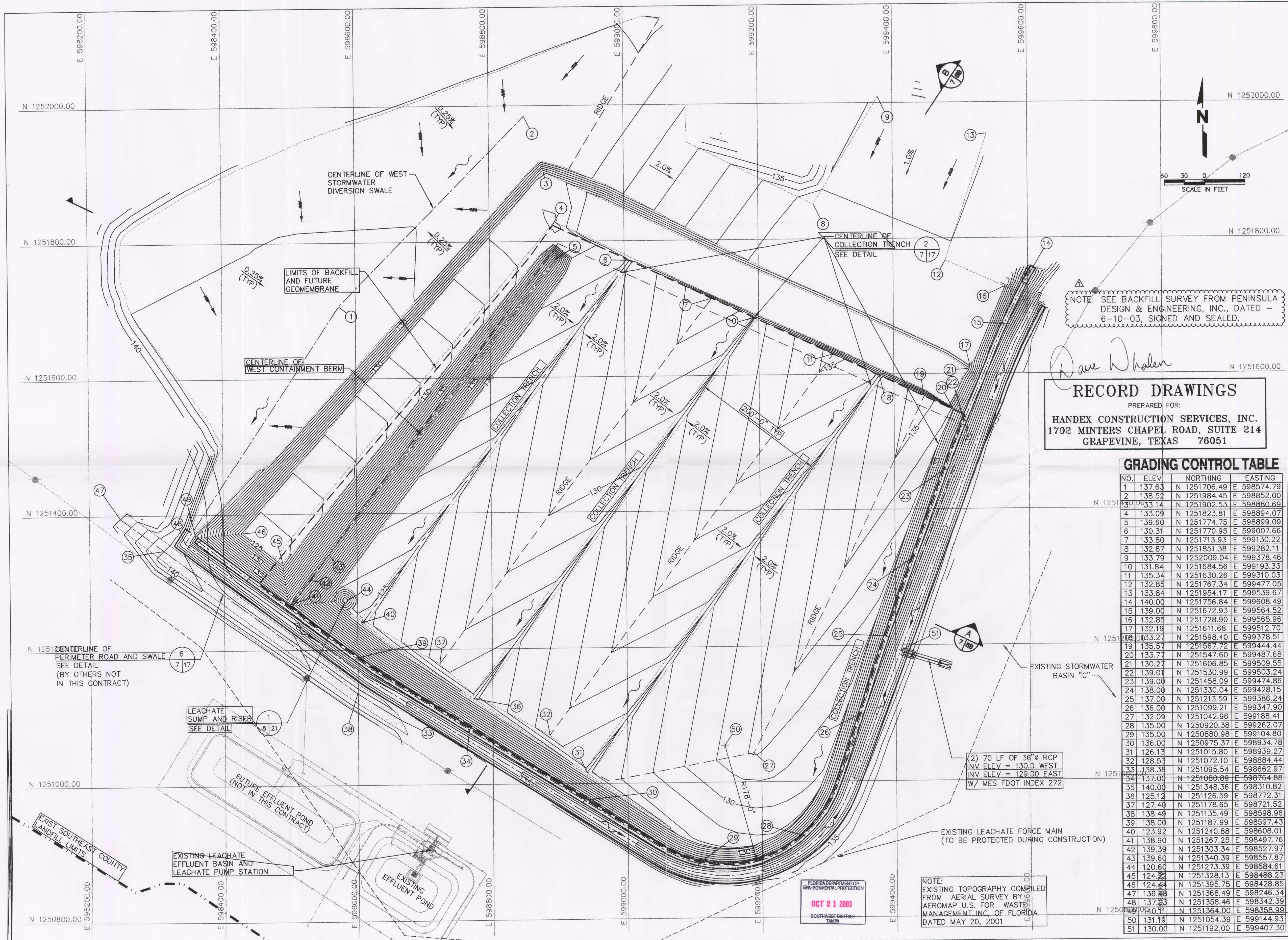
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1

CADD FILE:
SEC1CON\SEC1EXC

DATE:
APRIL 27, 2001

SCALE:
1"=60'

DRAWING NO.
6 of 22



NOTE: SEE BACKFILL SURVEY FROM PENINSULA DESIGN & ENGINEERING, INC., DATED - 6-10-03, SIGNED AND SEALED.

Dave Whalen

RECORD DRAWINGS
PREPARED FOR:
HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

GRADING CONTROL TABLE

NO.	ELEV.	NORTHING	EASTING
1	137.63	N 1251706.49	E 598574.79
2	138.52	N 1251984.45	E 598852.00
3	139.33	N 1251902.53	E 598880.69
4	133.09	N 1251823.81	E 598894.07
5	139.60	N 1251774.75	E 598899.09
6	130.31	N 1251770.95	E 599007.66
7	133.80	N 1251713.93	E 599130.22
8	132.87	N 1251851.38	E 599282.11
9	133.79	N 1252009.04	E 599378.46
10	131.84	N 1251684.56	E 599193.33
11	135.34	N 1251630.26	E 599310.03
12	132.85	N 1251767.34	E 599477.05
13	133.84	N 1251954.17	E 599539.67
14	140.00	N 1251756.84	E 599608.49
15	139.00	N 1251672.93	E 599564.52
16	132.85	N 1251728.90	E 599565.96
17	132.19	N 1251611.68	E 599512.70
18	133.27	N 1251598.40	E 599378.51
19	135.57	N 1251567.72	E 599444.44
20	133.77	N 1251547.60	E 599487.68
21	130.27	N 1251606.85	E 599509.55
22	139.01	N 1251530.99	E 599503.24
23	139.00	N 1251458.09	E 599474.86
24	138.00	N 1251330.04	E 599428.15
25	137.00	N 1251213.59	E 599386.24
26	136.00	N 1251099.21	E 599347.90
27	132.09	N 1251042.96	E 599188.41
28	135.00	N 1250920.38	E 599262.07
29	135.00	N 1250880.98	E 599104.80
30	136.00	N 1250975.37	E 598934.78
31	126.13	N 1251015.80	E 598939.27
32	128.53	N 1251072.10	E 598884.44
33	138.38	N 1251095.54	E 598662.97
34	137.00	N 1251080.89	E 598764.88
35	140.00	N 1251348.36	E 598310.82
36	125.12	N 1251126.59	E 598772.31
37	127.40	N 1251178.65	E 598721.52
38	138.49	N 1251135.49	E 598598.96
39	138.00	N 1251187.99	E 598597.43
40	123.92	N 1251240.88	E 598608.01
41	138.90	N 1251267.25	E 598497.77
42	139.39	N 1251303.34	E 598527.97
43	139.60	N 1251340.39	E 598557.87
44	120.60	N 1251273.39	E 598584.61
45	124.22	N 1251328.13	E 598488.23
46	124.44	N 1251395.75	E 598428.85
47	136.48	N 1251368.49	E 598246.34
48	137.83	N 1251358.46	E 598342.99
49	140.11	N 1251364.00	E 598358.99
50	131.19	N 1251054.39	E 599144.93
51	130.00	N 1251192.00	E 599407.30

NOTE:
EXISTING TOPOGRAPHY COMPILED
FROM AERIAL SURVEY BY
AEROMAP U.S. FOR WASTE
MANAGEMENT INC. OF FLORIDA
DATED MAY 20, 2001

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OCT 21 2003
SOUTHWEST DISTRICT
TAMPA

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REV: A

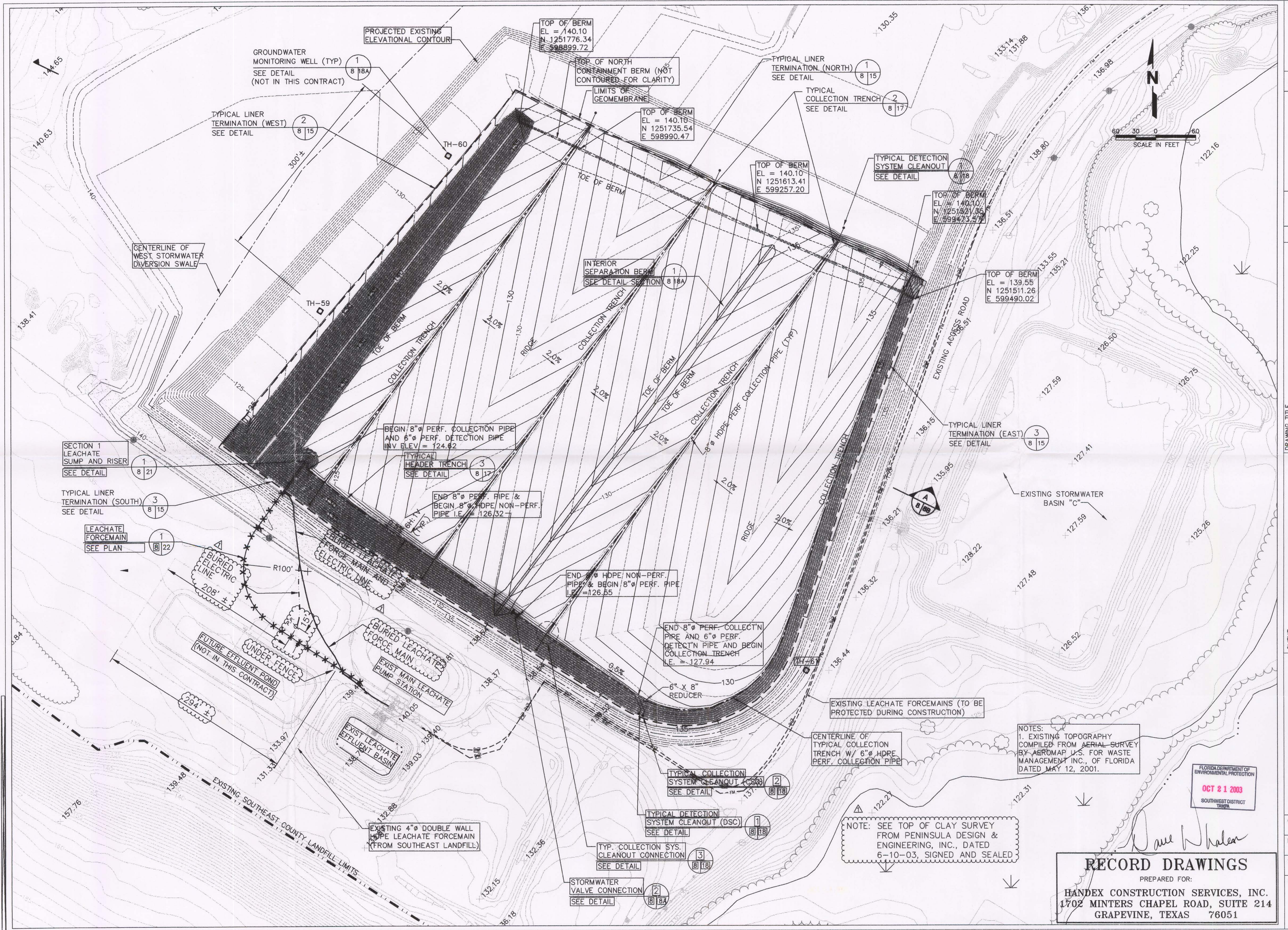
DRAWING TITLE: **BACKFILL PLAN - SECTION 1**
PROJECT TITLE: **SOUTHEAST COUNTY LANDFILL CAPACITY EXPANSION CONSTRUCTION SET**

CLIENT: **HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT**

SCS ENGINEERS
STEARN, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3012 U.S. HWY. 301 NORTH, SUITE 200, TAMPA, FL 33619
PH (813) 551-0080 FAX (813) 552-4757

PROJ. NO.: 092000020.31
DATE: 08/08/03
BY: JHO/GRD
CHK. BY: JHO
APP. BY: RBG

CADD FILE: SEC1BFILE
DATE: APRIL 27, 2001
SCALE: 1" = 60'
DRAWING NO. **7** of 22



REV.	DATE	DESCRIPTION	OK BY
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2			
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DRAWING TITLE
**LCRS (TOP OF CLAY SUBBASE)
SECTION 1**

PROJECT TITLE
**SOUTHEAST COUNTY LANDFILL
CAPACITY EXPANSION
CONSTRUCTION SET**

HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT

CLIENT

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3912 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
PH (813) 821-0880 FAX (813) 823-9757

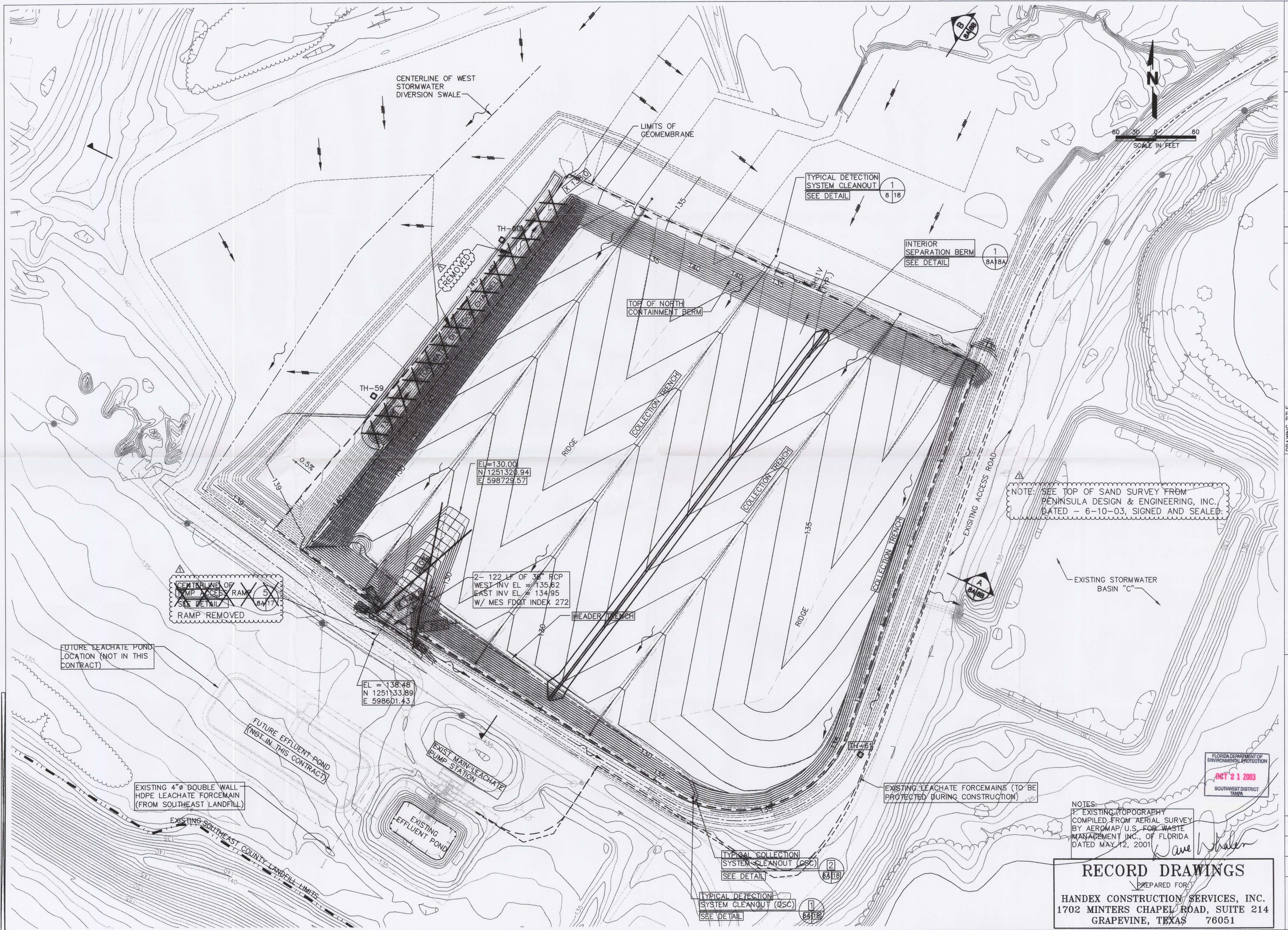
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APP. BY: REG

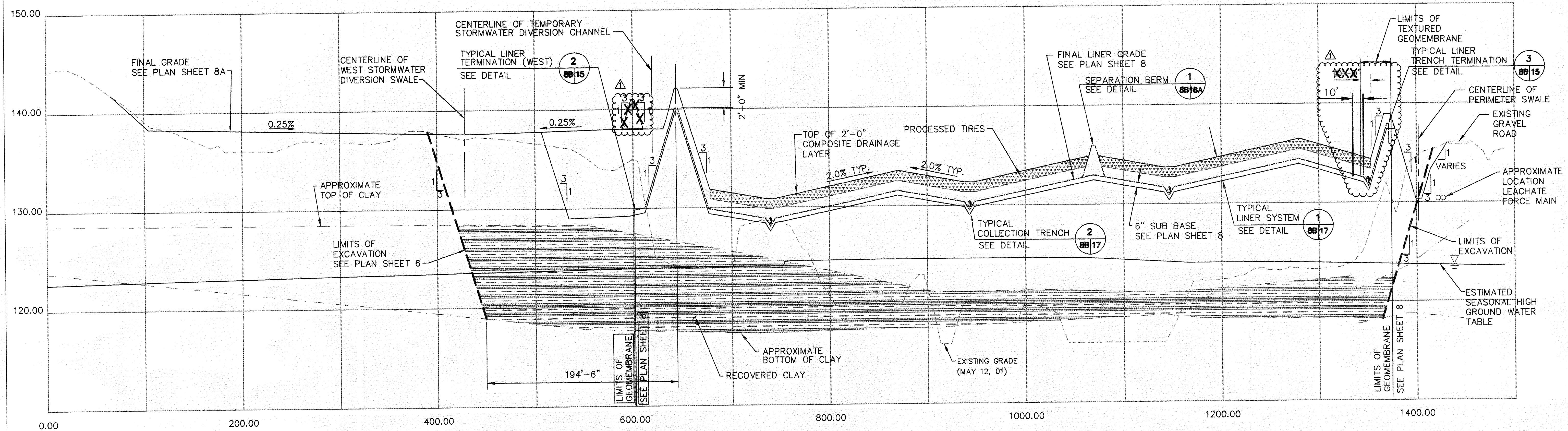
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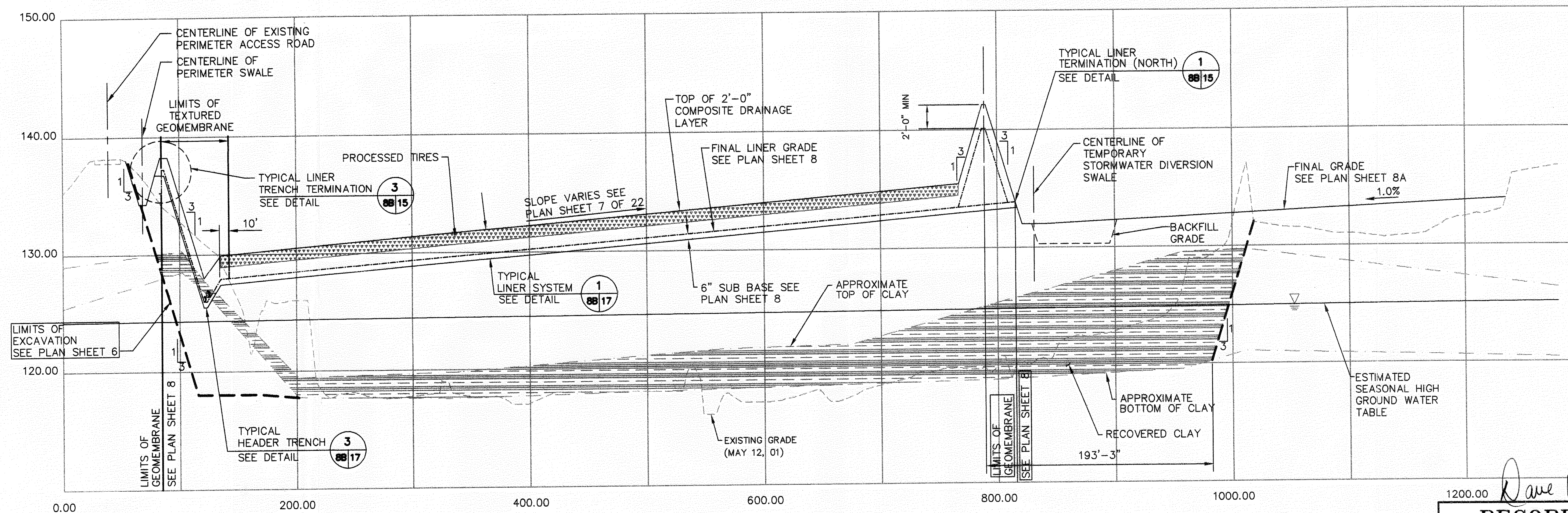
SCALE:
1" = 60'

DRAWING NO.





WEST - EAST CROSS SECTION A
 SCALE 1" = 50' HORIZ.
 1" = 5' VERT.
 6,7,8,8A 88



SOUTH - NORTH CROSS SECTION B
 SCALE 1" = 50' HORIZ.
 1" = 5' VERT.
 6,7,8,8A 88

FLORIDA DEPARTMENT OF
 ENVIRONMENTAL PROTECTION
 OCT 21 2003
 SOUTHWEST DISTRICT
 TAMPA

RECORD DRAWINGS
 PREPARED FOR:
HANDEX CONSTRUCTION SERVICES, INC.
 1702 MINTERS CHAPEL ROAD, SUITE 214
 GRAPEVINE, TEXAS 76051

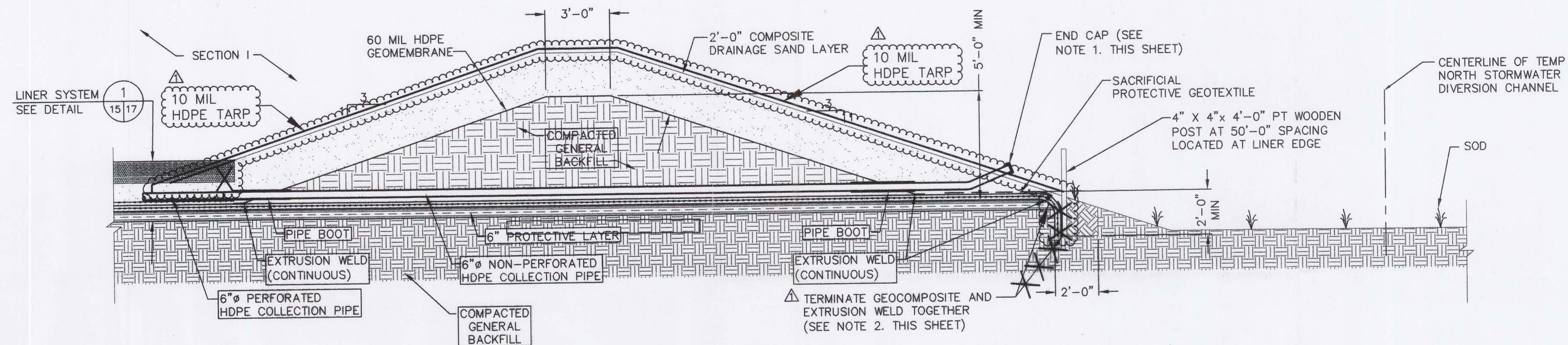
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CROSS SECTIONS
SOUTHEAST COUNTY LANDFILL
CAPACITY EXPANSION
SECTION 1 CONSTRUCTION SET

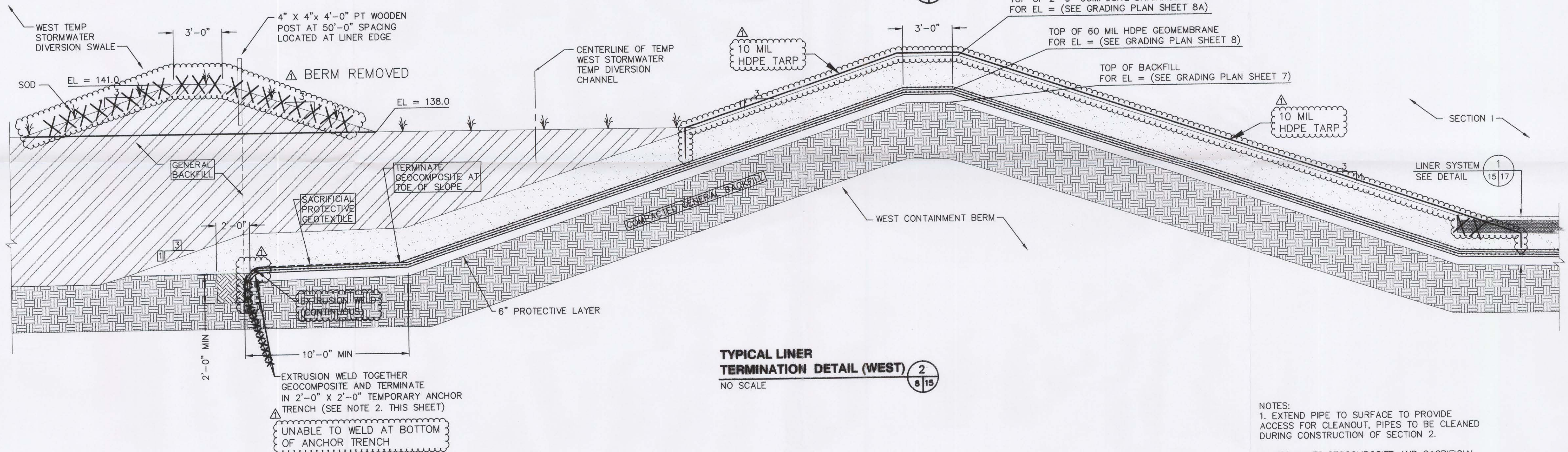
HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT

SCS ENGINEERS
 STEARNS, CONRAD AND SCHMIDT
 CONSULTING ENGINEERS
 3812 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
 PH (813) 641-0880 FAX NO. (813) 623-6757
 PROJ. NO. 02020.31
 DATE: 02/20/03
 DESIGNED BY: JHO
 CHECKED BY: JHO
 APP. BY: RBG

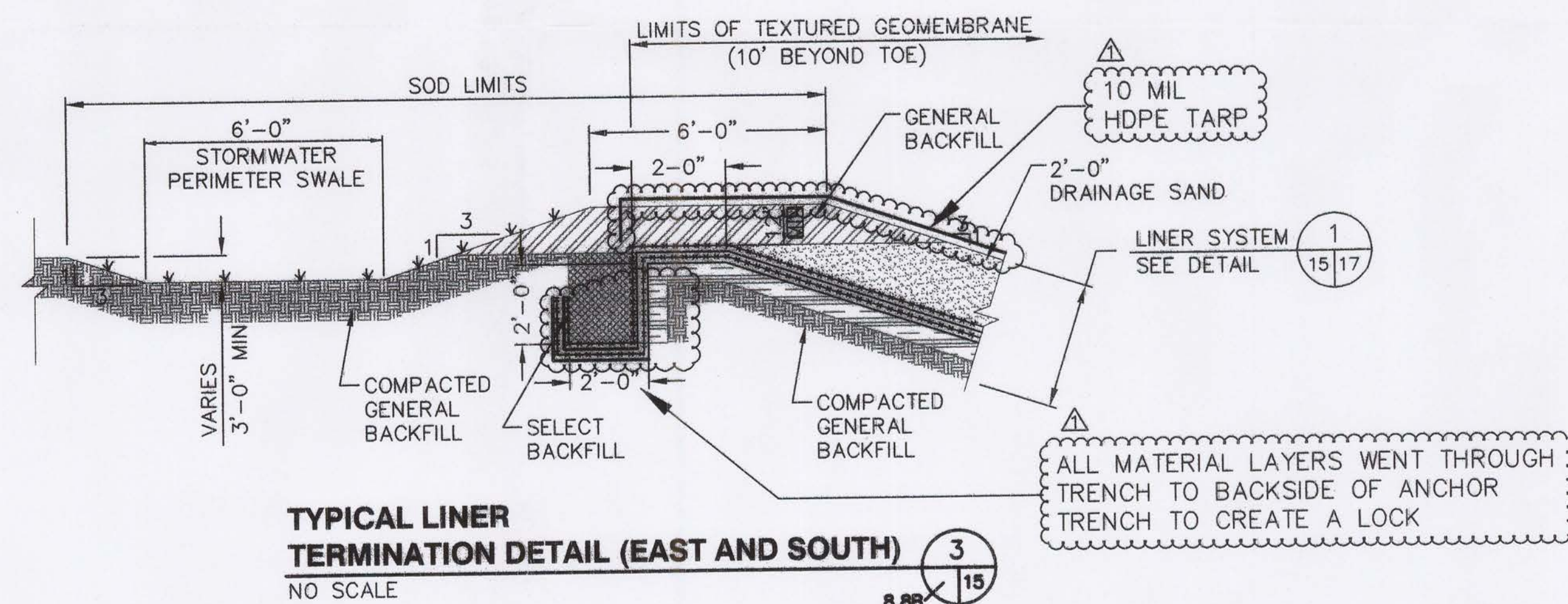
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 APRIL 27, 2001
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 AS SHOWN
 DRAWING NO.
8B of 22



**TYPICAL LINER
TERMINATION DETAIL (NORTH)** 1
NO SCALE 8/15



**TYPICAL LINER
TERMINATION DETAIL (WEST)** 2
NO SCALE 8/15



**TYPICAL LINER
TERMINATION DETAIL (EAST AND SOUTH)** 3
NO SCALE 8/15

- NOTES:
1. EXTEND PIPE TO SURFACE TO PROVIDE ACCESS FOR CLEANOUT, PIPES TO BE CLEANED DURING CONSTRUCTION OF SECTION 2.
 2. TERMINATE GEOCOMPOSITE AND SACRIFICIAL PROTECTIVE GEOTEXTILE IN TEMPORARY ANCHOR TRENCH AND INSTALL PT WOODEN POST AT EDGE OF LINER AS SHOWN.

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OCT 21 2003
SOUTHWEST DISTRICT
TAMPA

Dave Whalen
RECORD DRAWINGS
PREPARED FOR:
HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

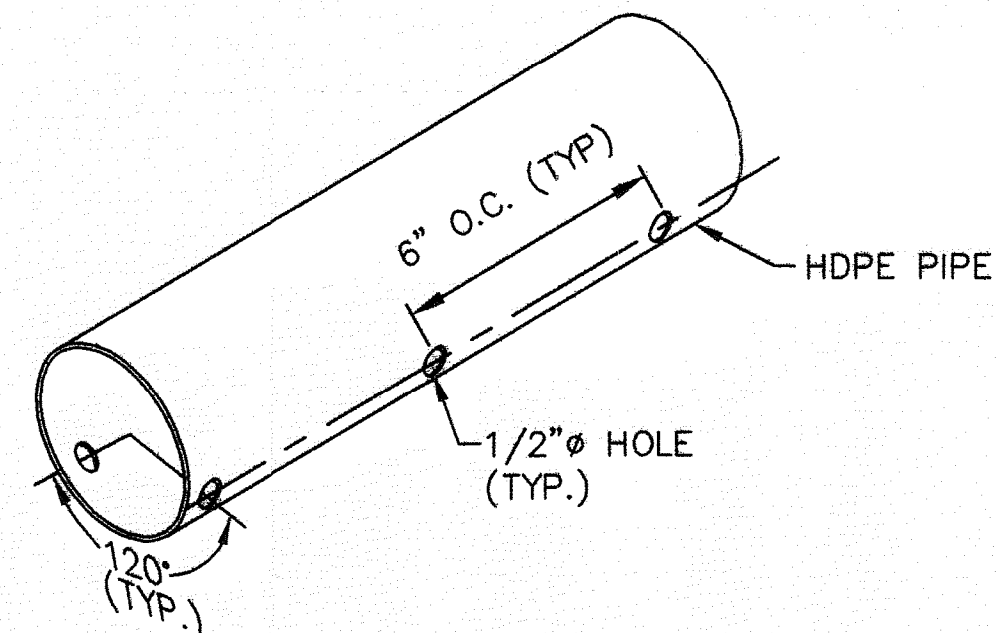
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1	08/08/03	RECORD DRAWINGS	MPR

DRAWING TITLE
LCRS DETAILS
PROJECT TITLE
SOUTHEAST COUNTY LANDFILL
CAPACITY EXPANSION
SECTION 1 CONSTRUCTION SET

CLIENT
HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT

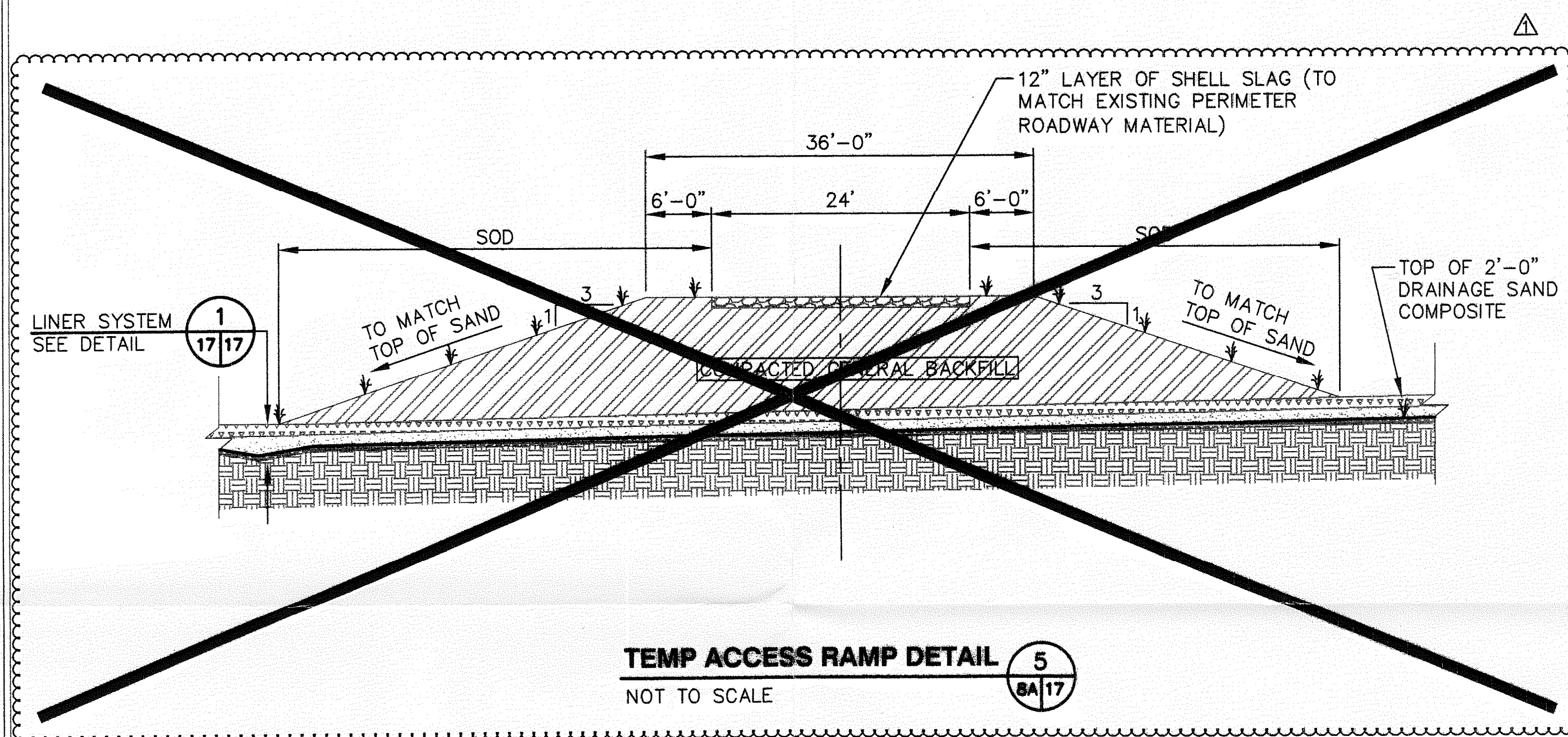
SCS ENGINEERS
STEARN, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3421 US HWY 90 NORTH, SUITE 200, TAMPA, FL 33619
PH (813) 821-0000 FAX (813) 822-8757
PROJ. NO. 03-200020-31
DWN. BY: GRD
CHK. BY: JHO
APP. BY: REG
JHO/GRD

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APRIL 27, 2001
SCALE:
AS SHOWN
DRAWING NO.

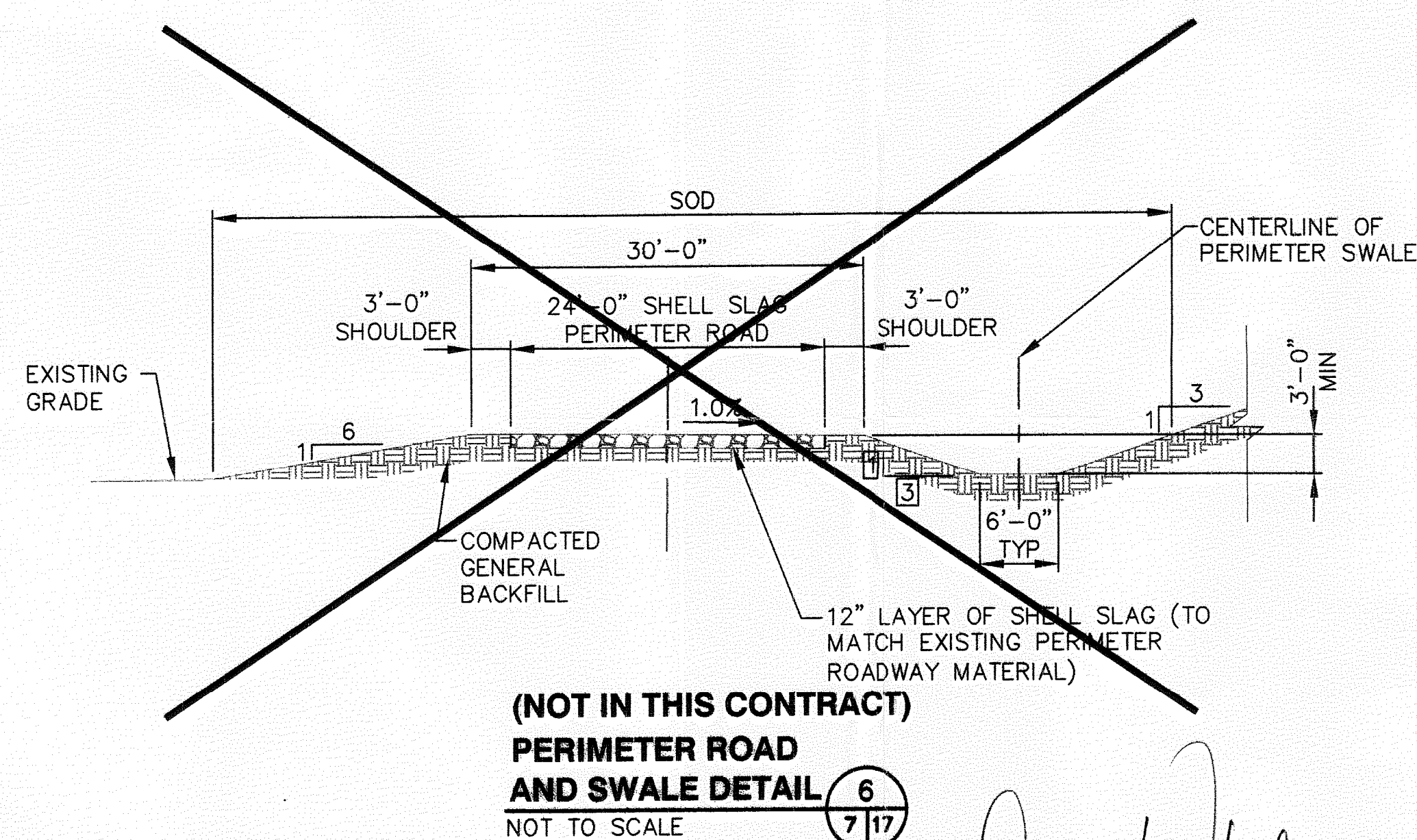


NOTE: APPLIES TO 6" AND 8" PERFORATED PIPE.
CONTRACTOR SHALL PLACE PERFORATED PIPE AS SHOWN
WITH A CENTERLINE OF PERFORATIONS AT TOP CENTER.

PIPE PERFORATION DETAIL 4
NOT TO SCALE

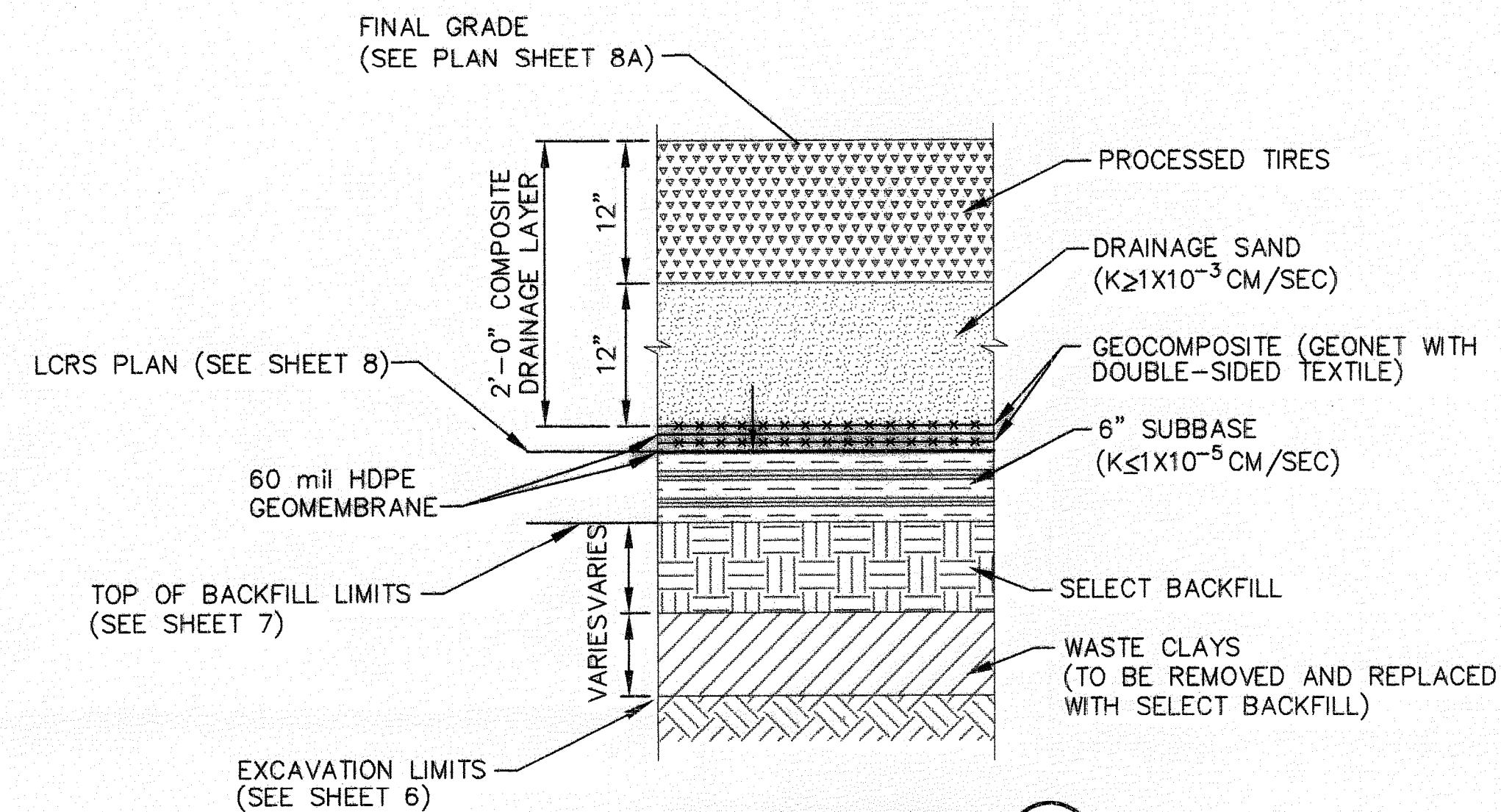


TEMP ACCESS RAMP DETAIL 5
NOT TO SCALE

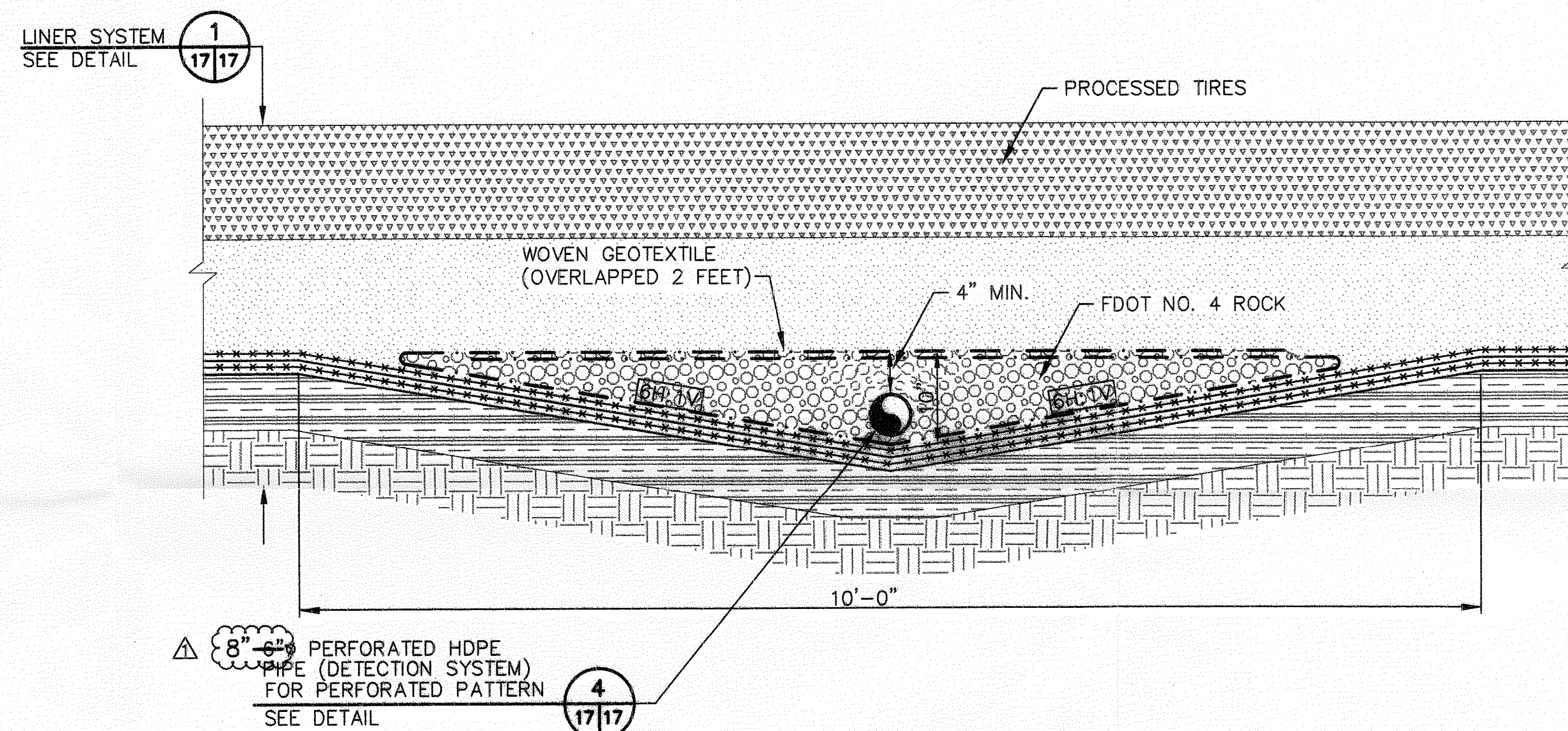


**(NOT IN THIS CONTRACT)
PERIMETER ROAD
AND SWALE DETAIL 6**
NOT TO SCALE

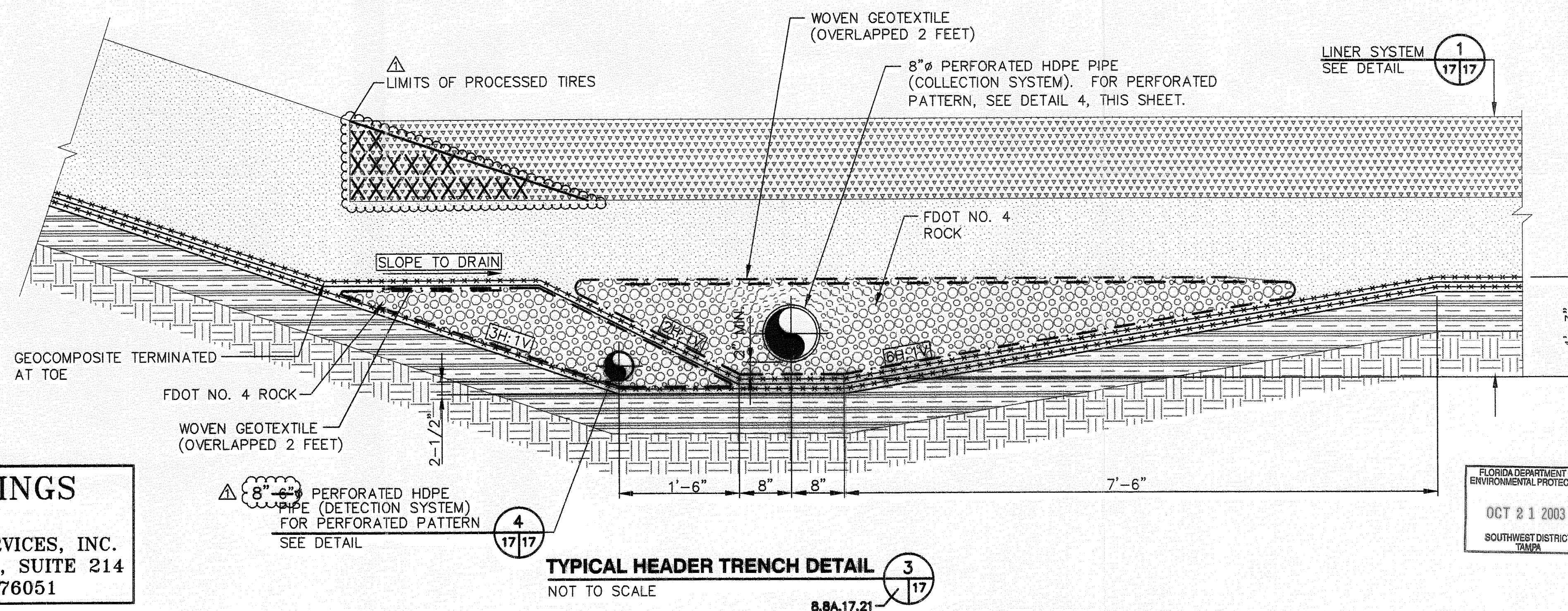
Dave Whalen
RECORD DRAWINGS
PREPARED FOR:
HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051



LINER SYSTEM DETAIL 1
NOT TO SCALE



TYPICAL COLLECTION TRENCH DETAIL 2
NOT TO SCALE



TYPICAL HEADER TRENCH DETAIL 3
NOT TO SCALE

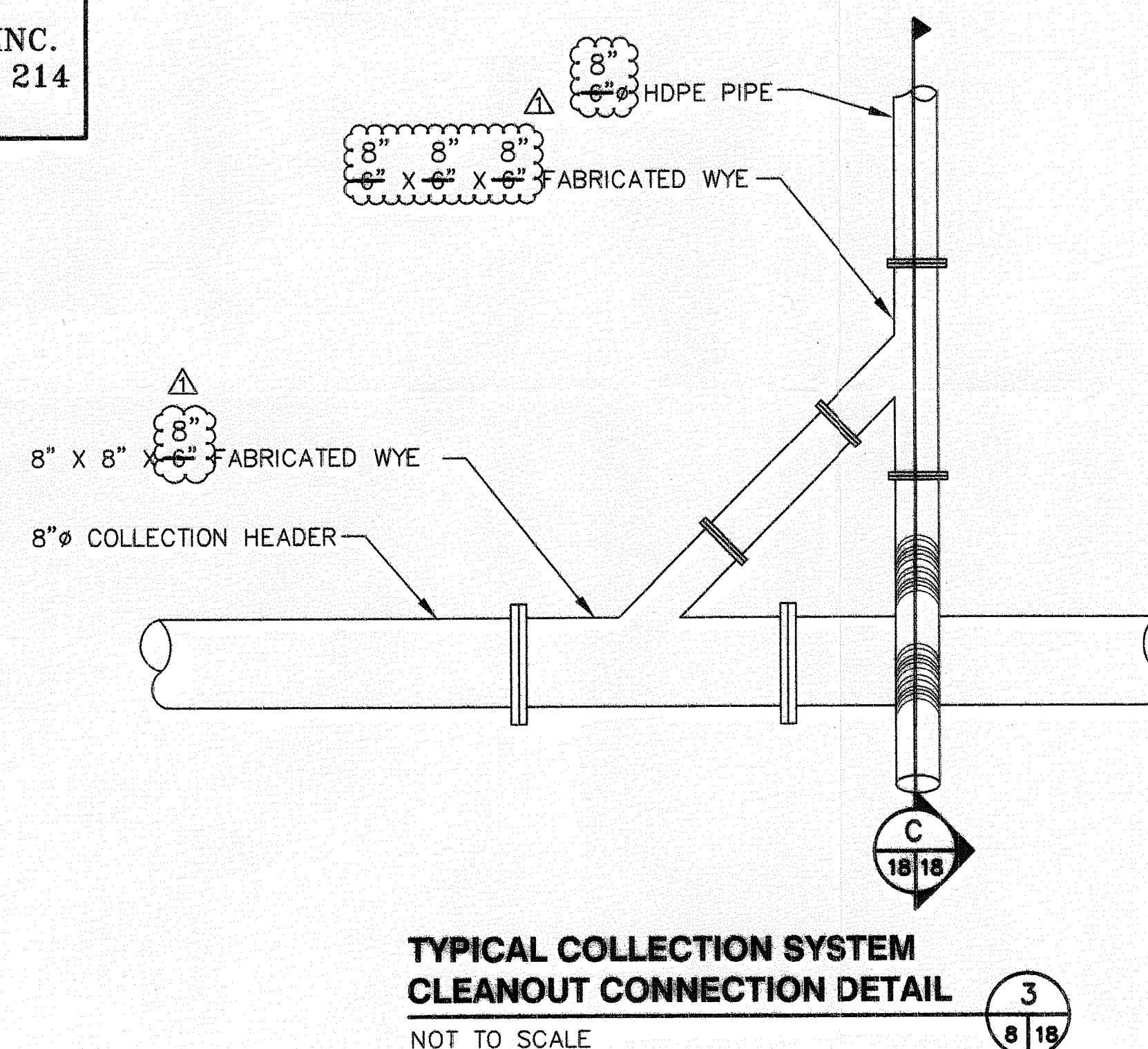
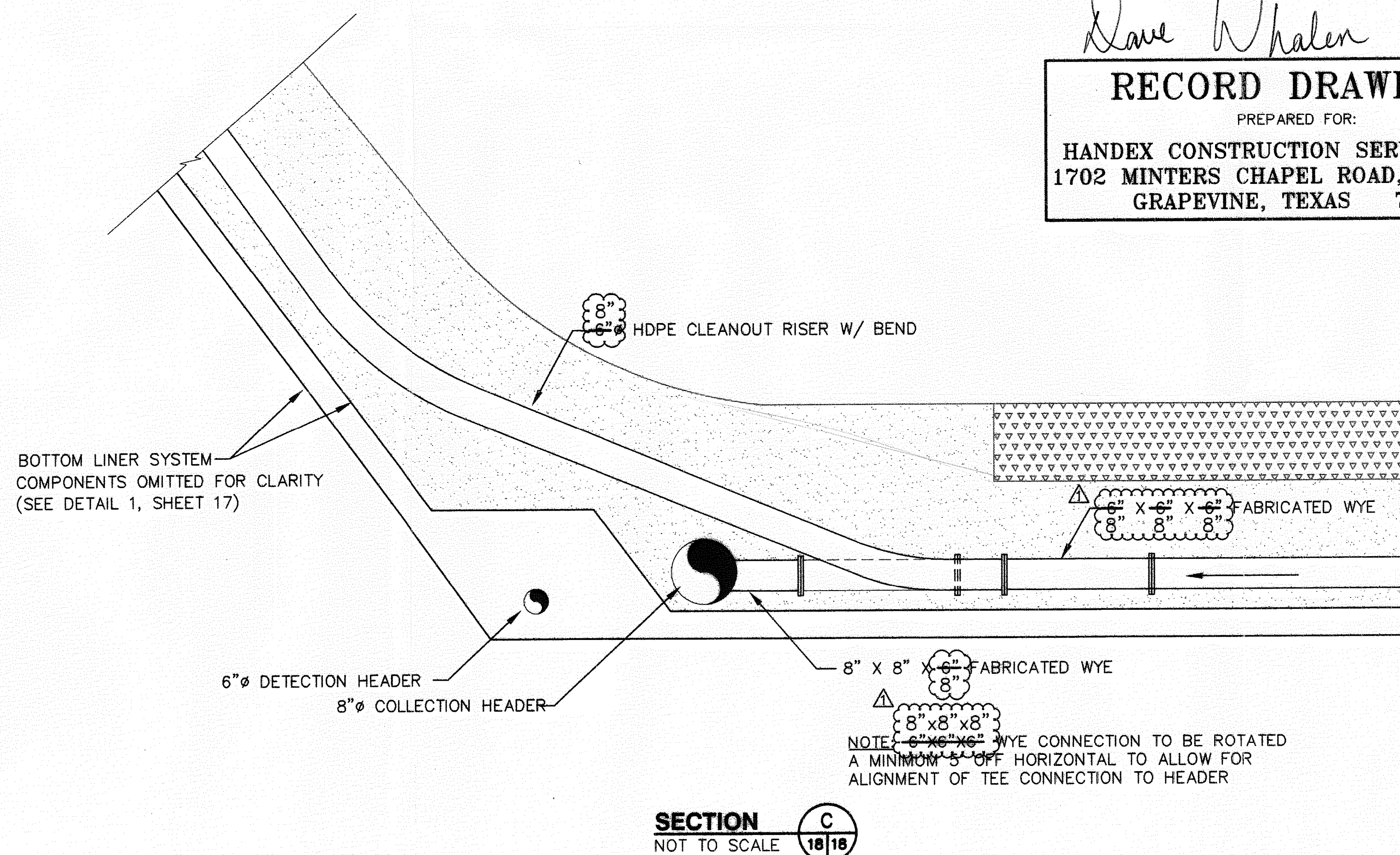
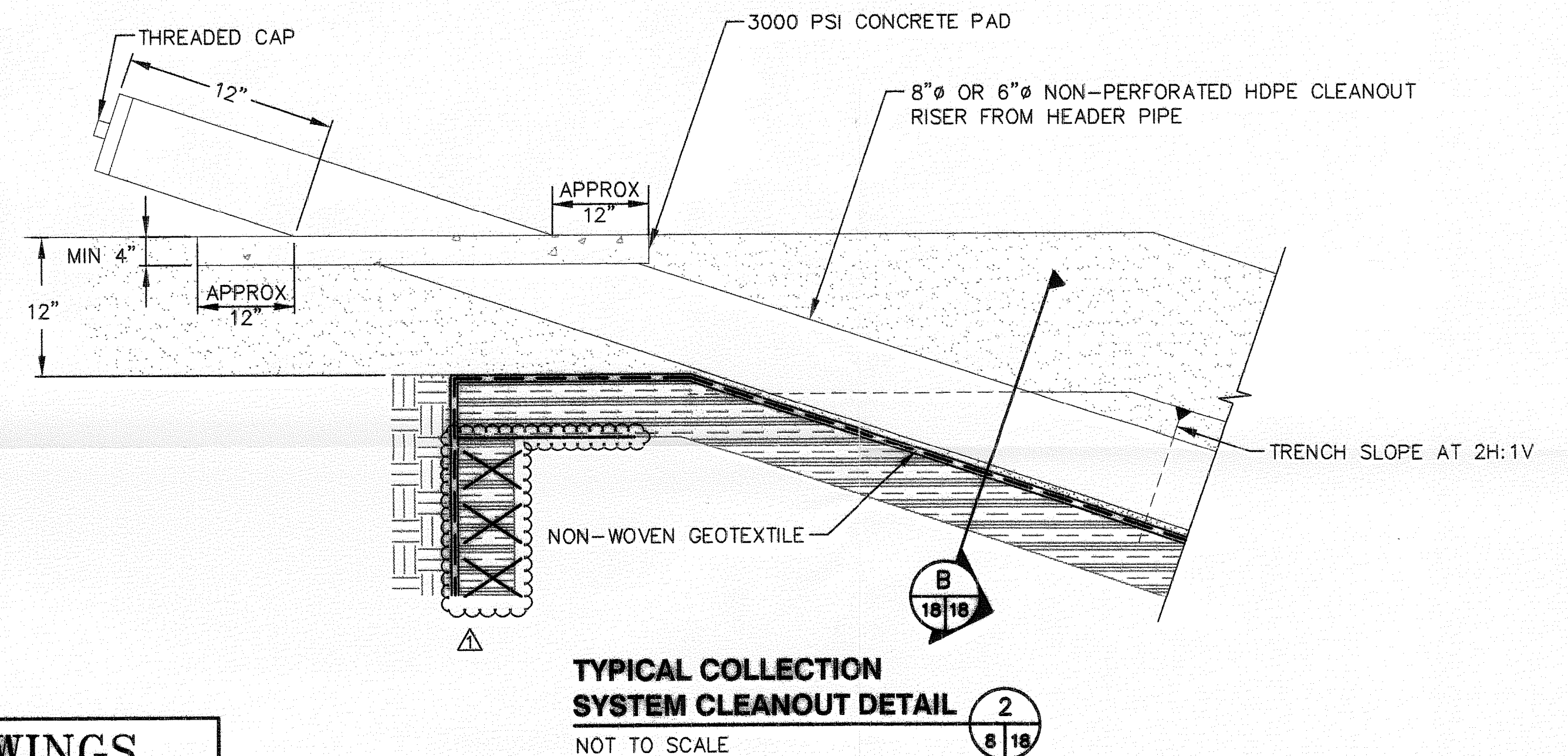
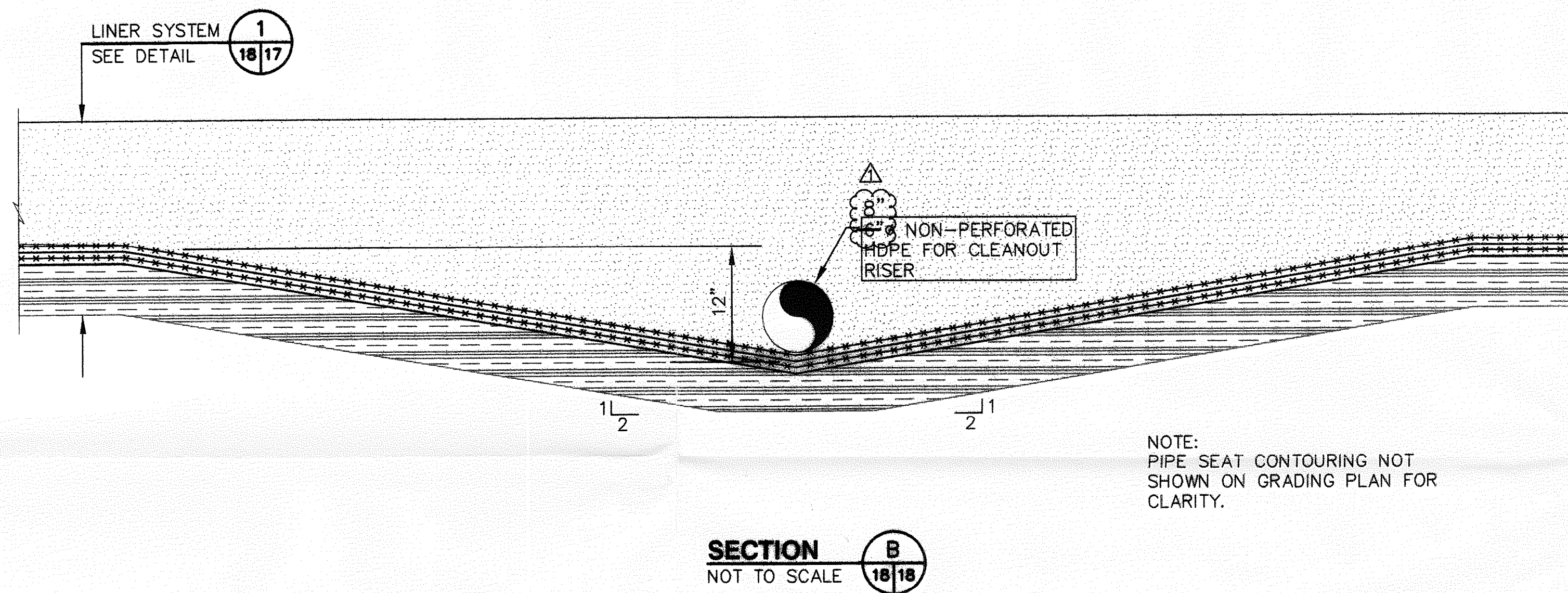
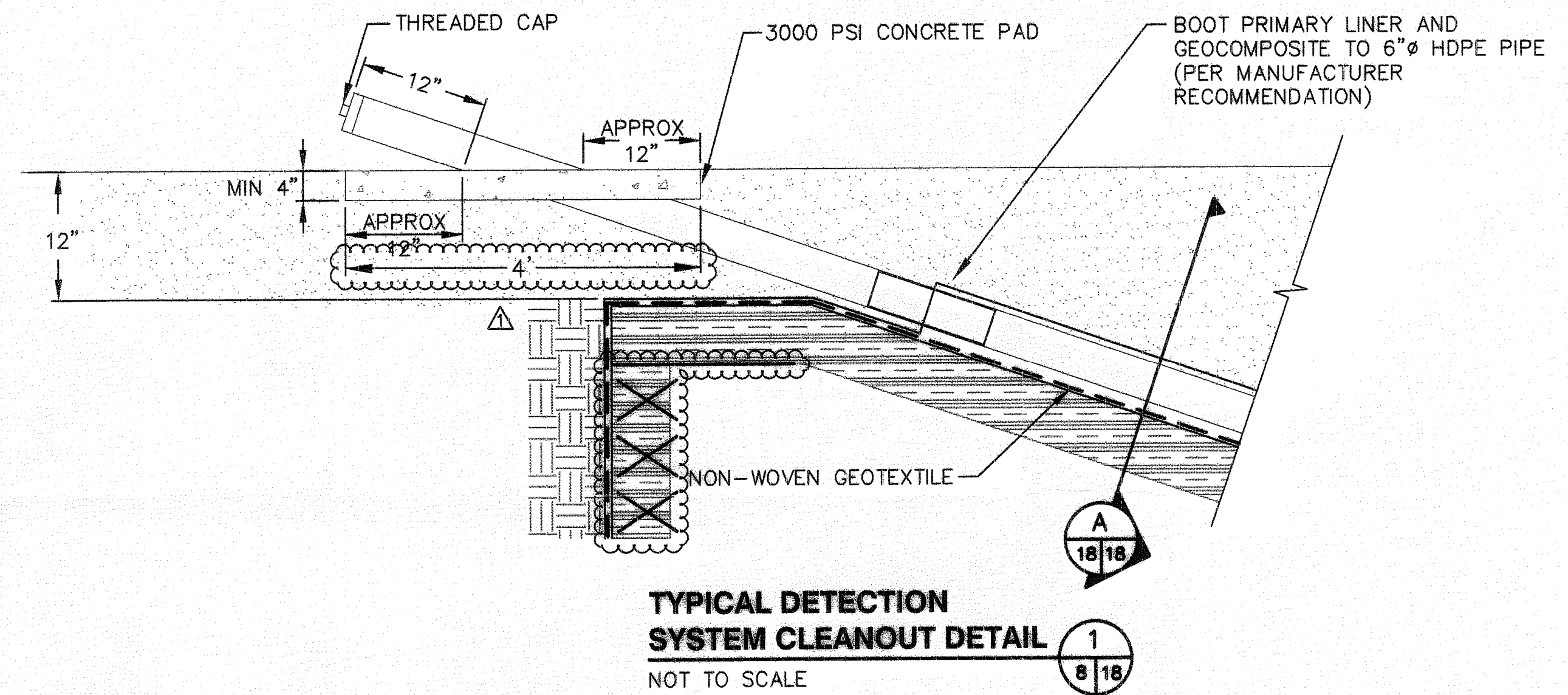
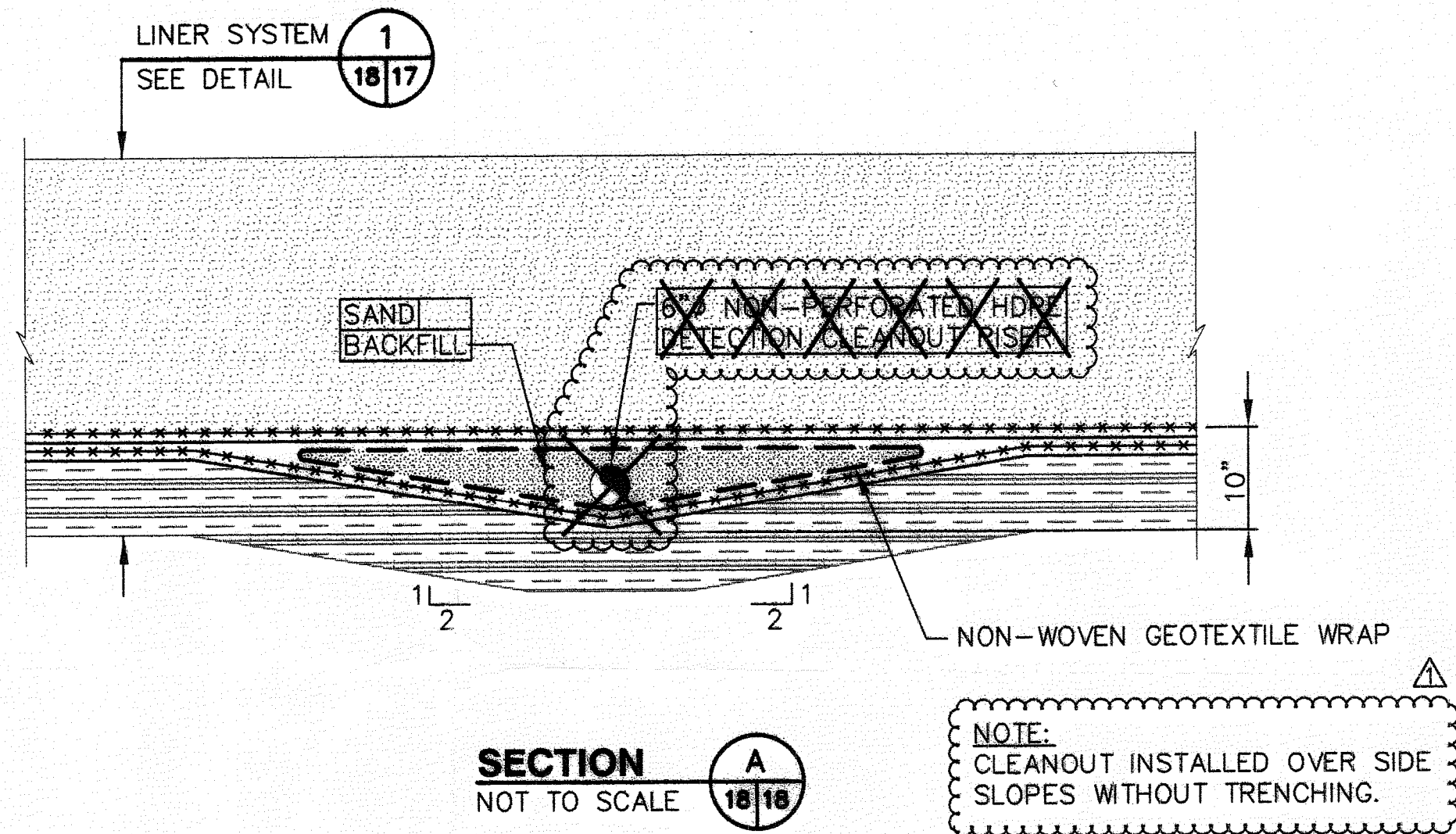
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DETAILS - 1
DRAWING TITLE
PROJECT TITLE
**SOUTHEAST COUNTY LANDFILL
CAPACITY EXPANSION
SECTION 1 CONSTRUCTION SET**

**HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT**

SCS ENGINEERS
STEARN, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3012 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
PH (813) 821-0080 FAX NO. (813) 821-4757
PROJ. NO. 02-2000-020-31
DATE: 02/20/00
CHK. BY: JHO
APP. BY: REG

CADD FILE: sec1con\Det1
DATE: APRIL 27, 2001
SCALE: AS SHOWN
DRAWING NO.



Dave Whalen

RECORD DRAWINGS

PREPARED FOR:

HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

OCT 21 2003

SOUTHWEST DISTRICT
TAMPA

REV	DATE	DESCRIPTION	BY
1	08/08/03	RECORD DRAWINGS	MPR

DRAWING TITLE

DETAILS - 2

PROJECT TITLE

**SOUTHEAST COUNTY LANDFILL
CAPACITY EXPANSION
SECTION 1 CONSTRUCTION SET**

CLIENT

**HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT**

SCS ENGINEERS
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CONSULTING ENGINEERS
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PH (813) 837-0000 FAX NO. (813) 837-0757

PROJ. NO. 092000020.31
DWN. BY: JHO
CHK. BY: JHO
APP. BY: JHO
RSG

CADD FILE:

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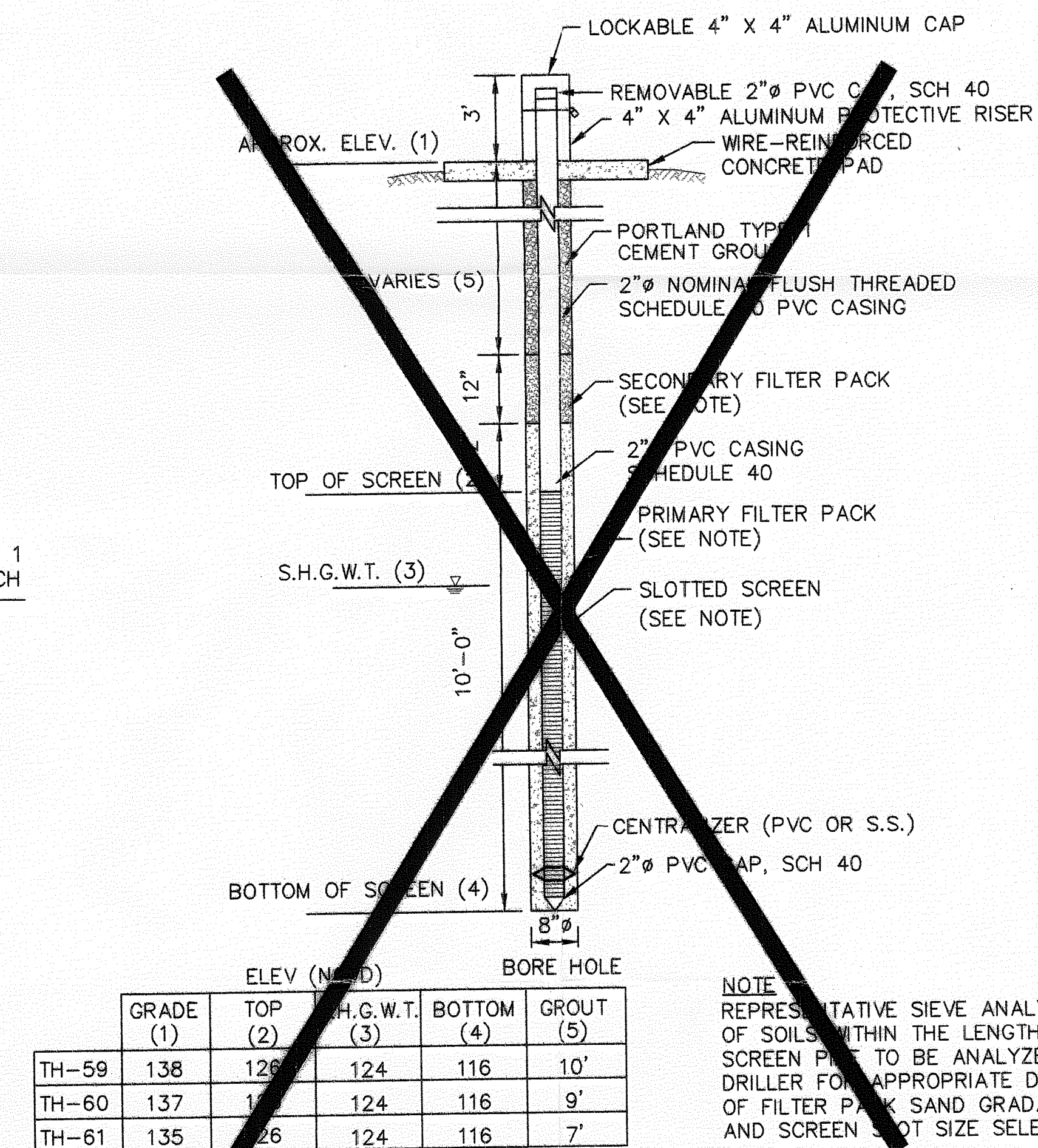
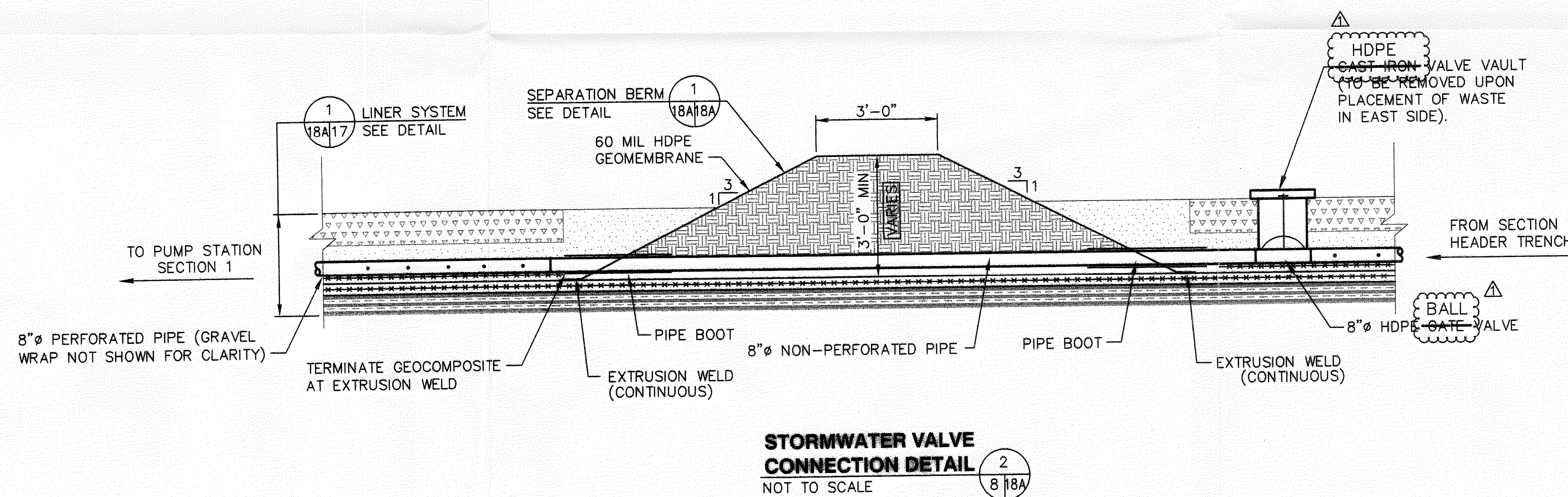
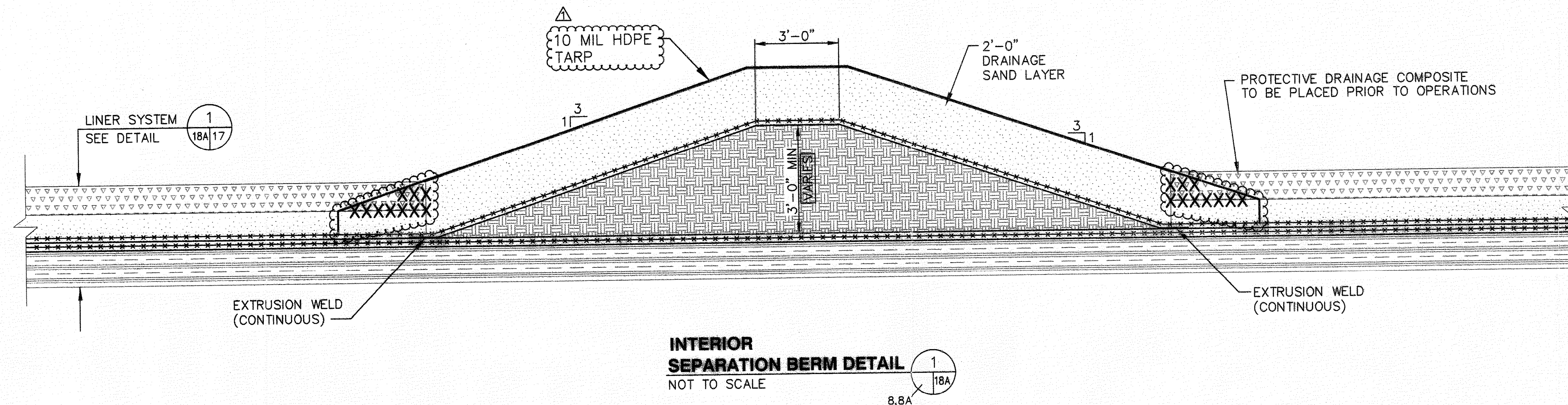
DATE:

APRIL 27, 2001

SCALE:

AS SHOWN

DRAWING NO.



	GRADE (1)	TOP (2)	S.H.G.W.T. (3)	BOTTOM (4)	GROUT (5)
TH-59	138	126	124	116	10'
TH-60	137	125	124	116	9'
TH-61	135	126	124	116	7'

NOTE:
REPRESENTATIVE SIEVE ANALYSIS
OF SOILS WITHIN THE LENGTH OF
SCREEN PIPE TO BE ANALYZED BY
DRILLER FOR APPROPRIATE DETERMINATION
OF FILTER PACK SAND GRADATION
AND SCREEN SLOT SIZE SELECTION.

(NOT IN THIS CONTRACT)
GROUNDWATER MONITORING WELL
NOT TO SCALE

RECORD DRAWINGS
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HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

REV.	DATE	DESCRIPTION	CK. BY
1	08/08/03	RECORD DRAWINGS	MPR
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STORMWATER SEPARATION
BERM DETAILS
PROJECT TITLE
SOUTHEAST COUNTY LANDFILL
CAPACITY EXPANSION
SECTION 1 CONSTRUCTION SET

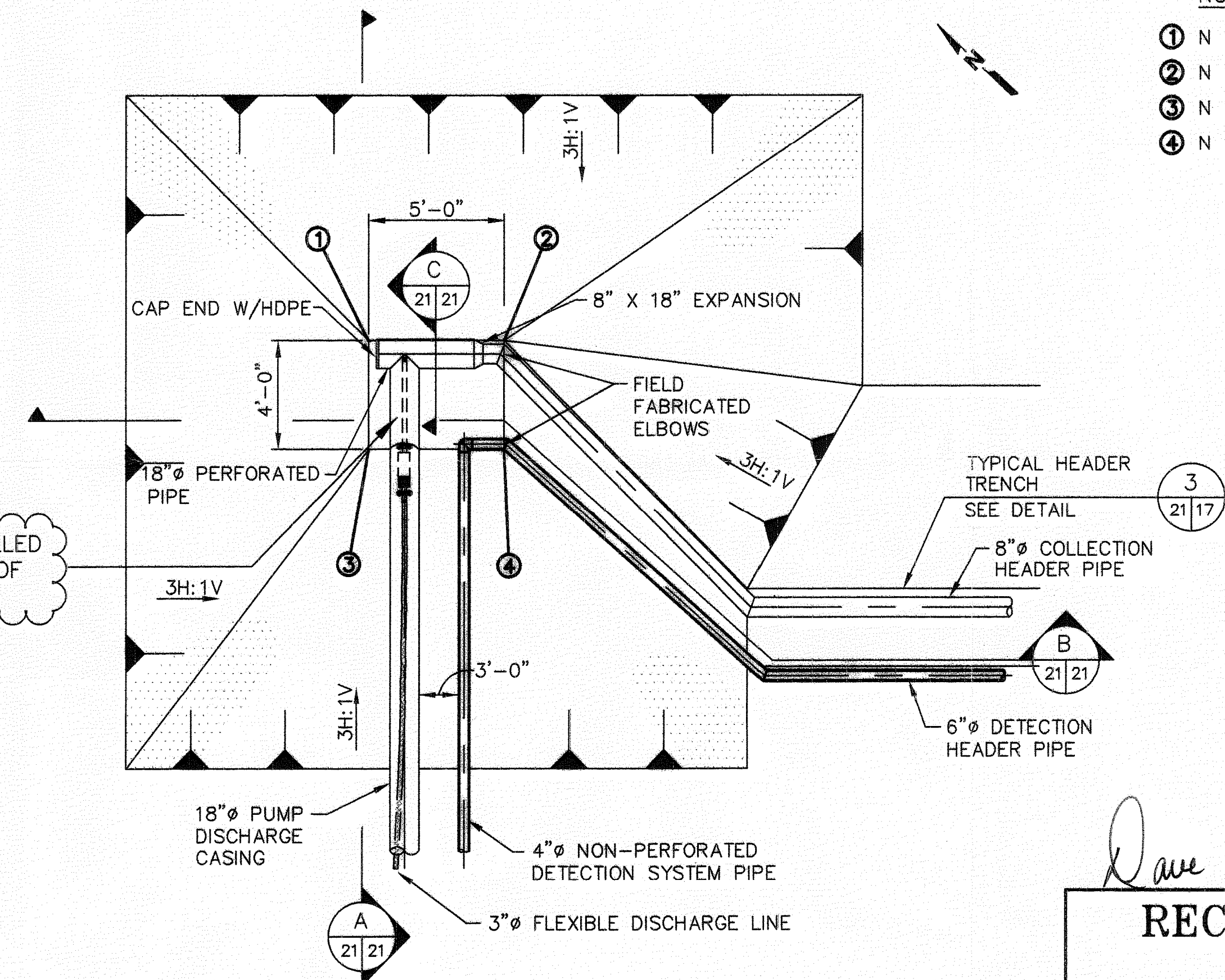
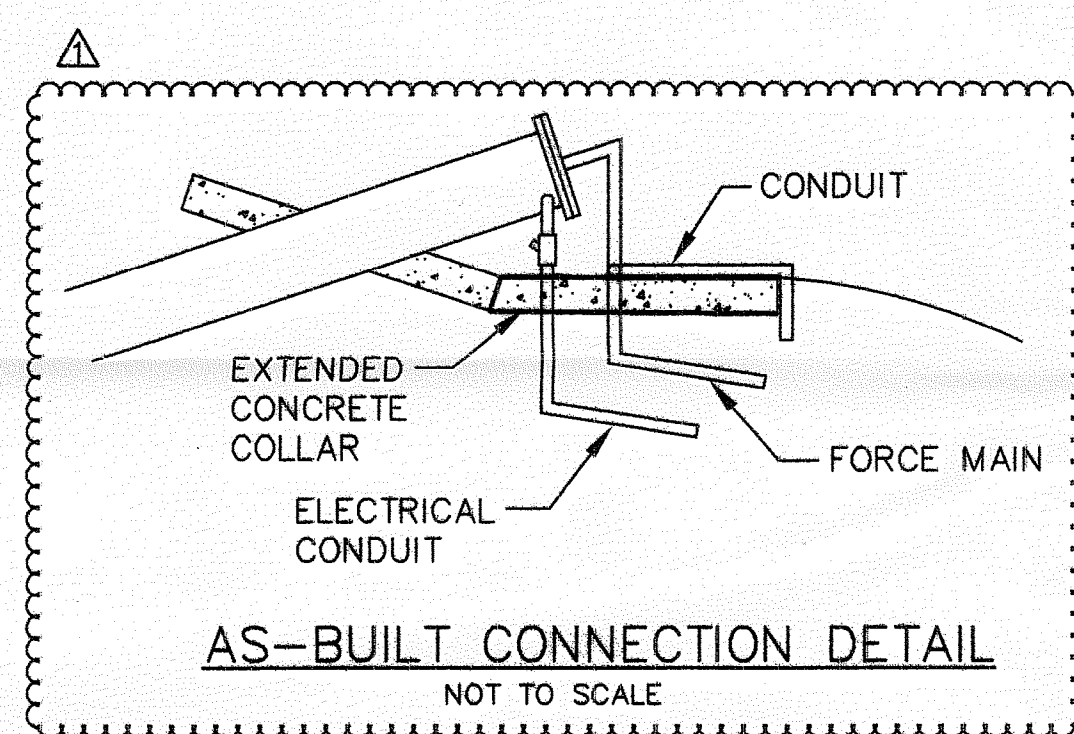
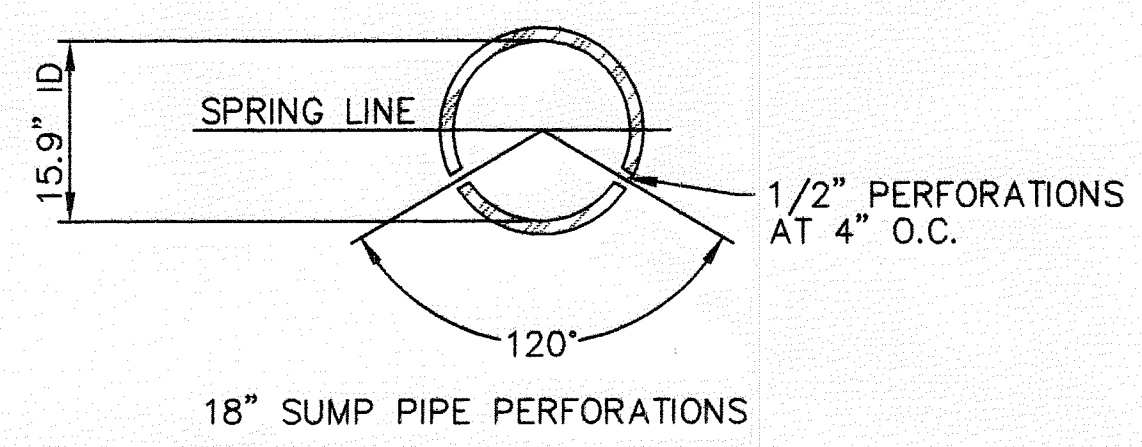
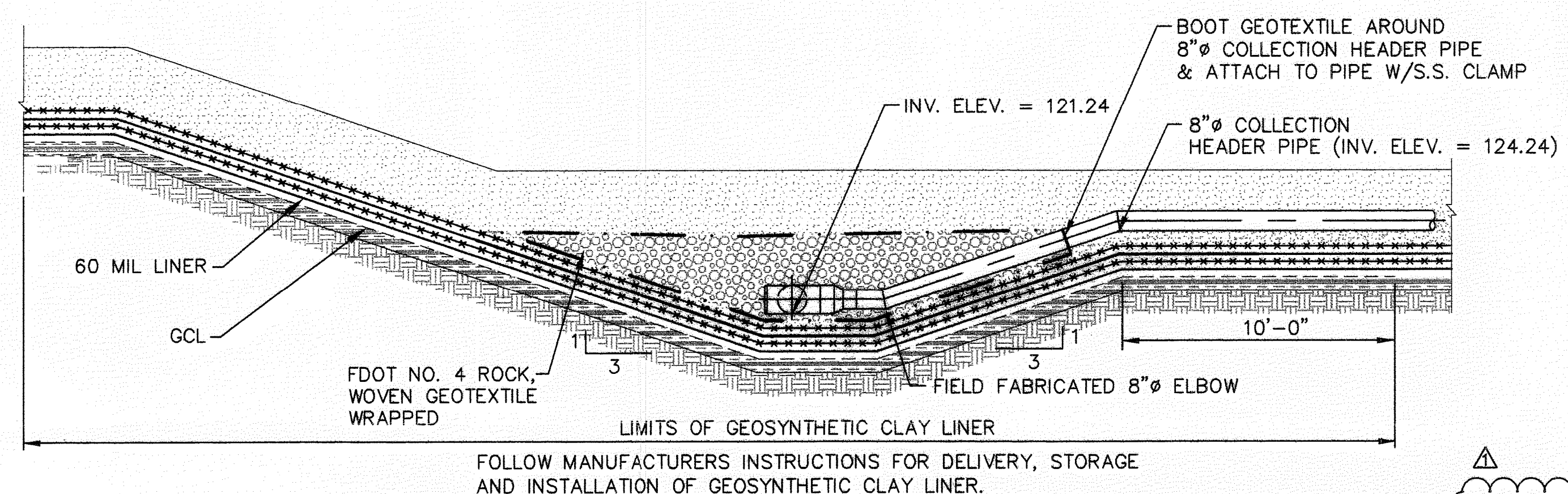
CLIENT
HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
5011 S. HWY. 281 NORTH SUITE 700 TAMPA, FL 33619
PH (813) 621-4000 FAX (813) 623-6727
PROJ. NO. 0220020.31
DATE: 08/08/03
DRAWN BY: JHO
CHECKED BY: JHO
APPROVED BY: RBG

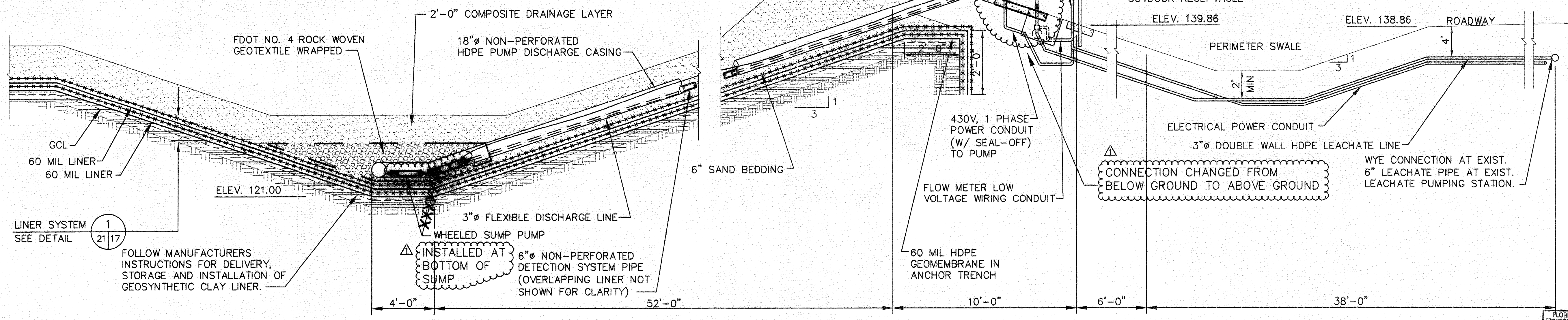
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DATE:
APRIL 27, 2001
SCALE:
AS SHOWN
DRAWING NO.

18A of 22

	NORTHING	EASTING	ELEVATION
①	N 1251264.82	E 598522.12	121.10
②	N 1251261.79	E 598526.39	121.10
③	N 1251261.82	E 598519.47	121.10
④	N 1251258.78	E 598523.46	121.10



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RECORD DRAWINGS
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 1702 MINTERS CHAPEL ROAD, SUITE 214
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LEACHATE PUMPING SYSTEM PROFILE
 NOT TO SCALE

CK. BY	DESCRIPTION	DATE	REV
MPR	RECORD DRAWINGS	08/08/03	1

DRAWING TITLE
SUMP DETAILS - 1

PROJECT TITLE
**SOUTHEAST COUNTY LANDFILL
 CAPACITY EXPANSION
 SECTION 1 CONSTRUCTION SET**

**HILLSBOROUGH COUNTY
 SOLID WASTE MANAGEMENT
 DEPARTMENT**

SCS ENGINEERS
 STEARNS, CONRAD AND SCHMIDT
 CONSULTING ENGINEERS
 3012 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
 PH (813) 871-0880 FAX NO. (813) 873-4757

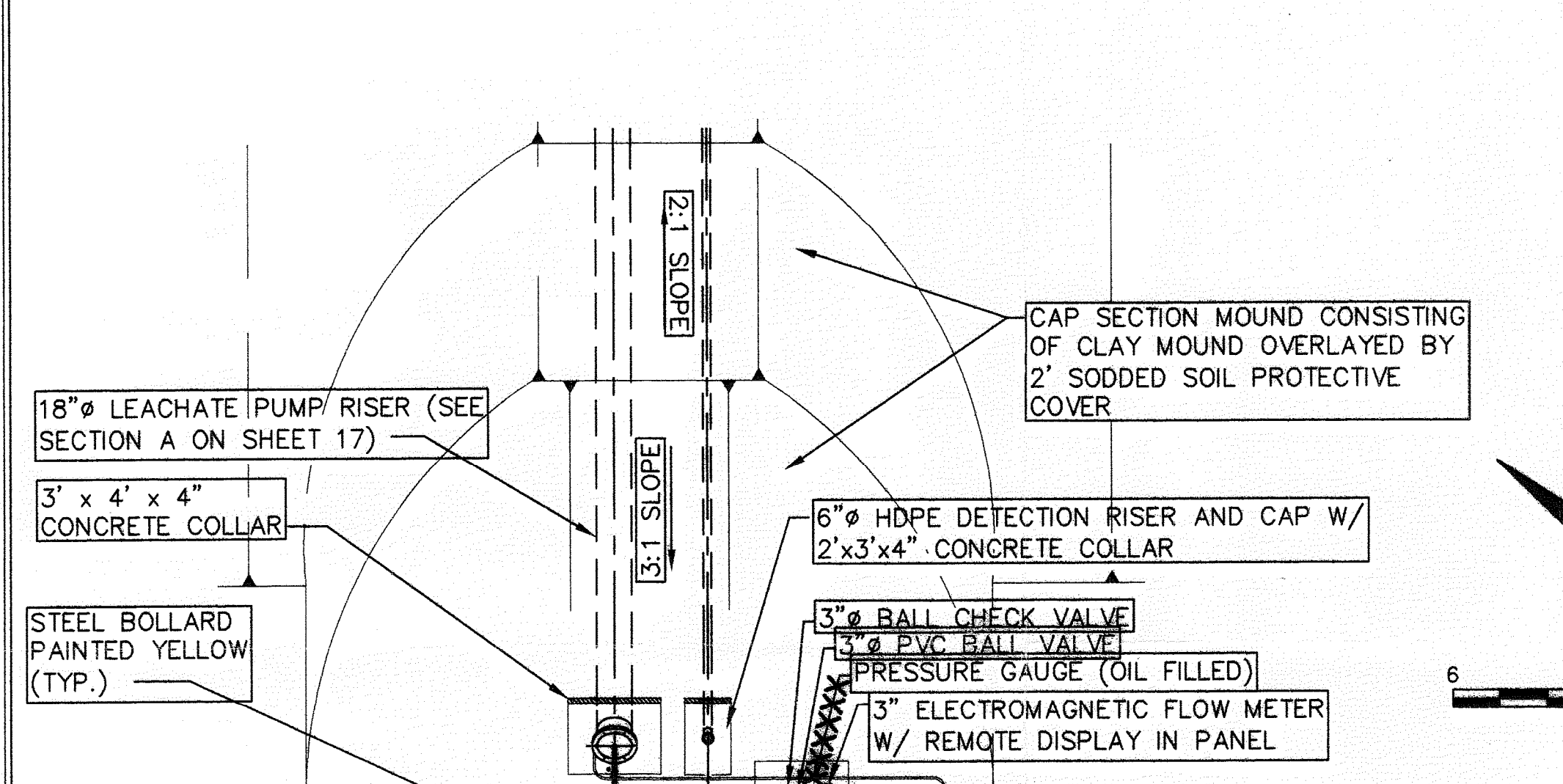
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DATE:
 APRIL 27, 2001

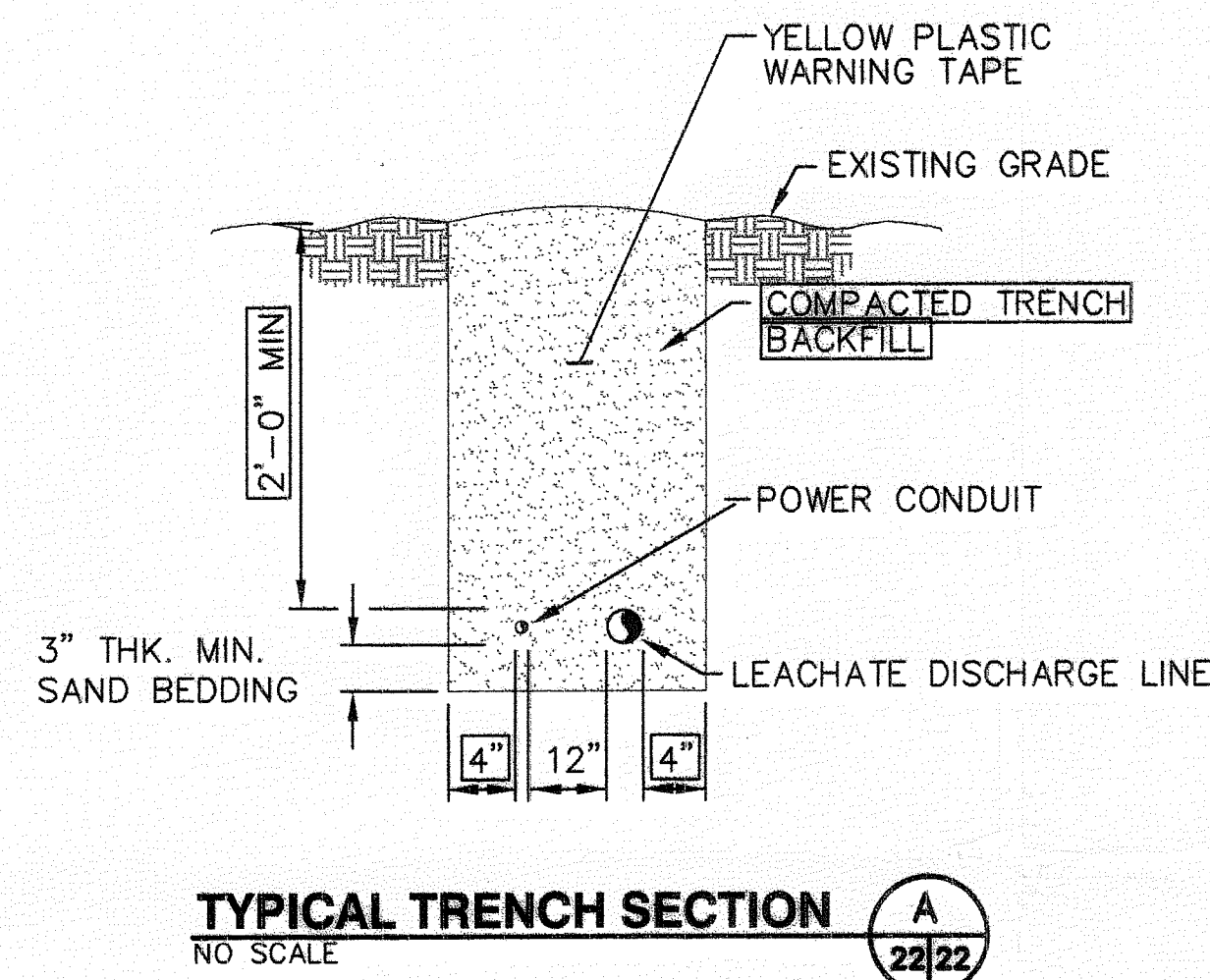
SCALE:
 AS SHOWN

DRAWING NO.

FLORIDA DEPARTMENT OF
 ENVIRONMENTAL PROTECTION
 OCT 21 2003
 SOUTHWEST DISTRICT
 TAMPA



6 0 6 12
SCALE IN FEET



Dave Whalen

RECORD DRAWINGS

PREPARED FOR:

HANDEX CONSTRUCTION SERVICES, INC.
1702 MINTERS CHAPEL ROAD, SUITE 214
GRAPEVINE, TEXAS 76051

REV.	DATE	DESCRIPTION	CK. BY
1	08/08/03	RECORD DRAWINGS	MPR
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DRAWING TITLE

PROJECT TITLE

HILLSBOROUGH COUNTY
SOLID WASTE MANAGEMENT
DEPARTMENT

CLIENT

SCS ENGINEERS
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CONSULTING ENGINEERS
3012 U.S. HWY. 301 NORTH, SUITE 200, TAMPA, FL 33619
PH (813) 821-0800 FAX NO. (813) 822-8757

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sec1con\leachdet

DATE:
APRIL 27, 2001

SCALE:
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22 of 22