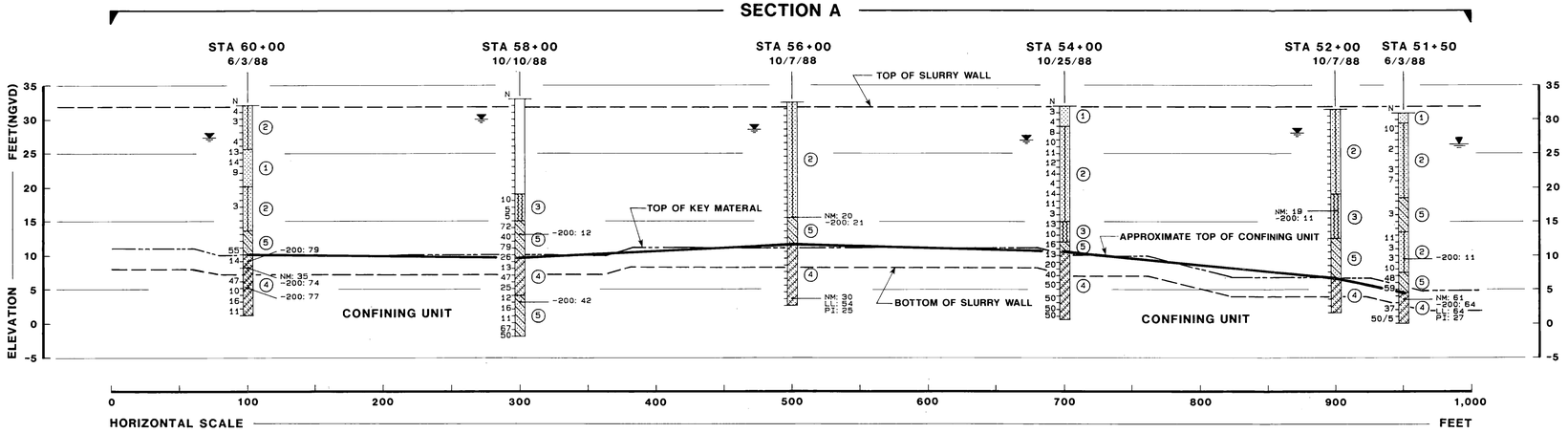
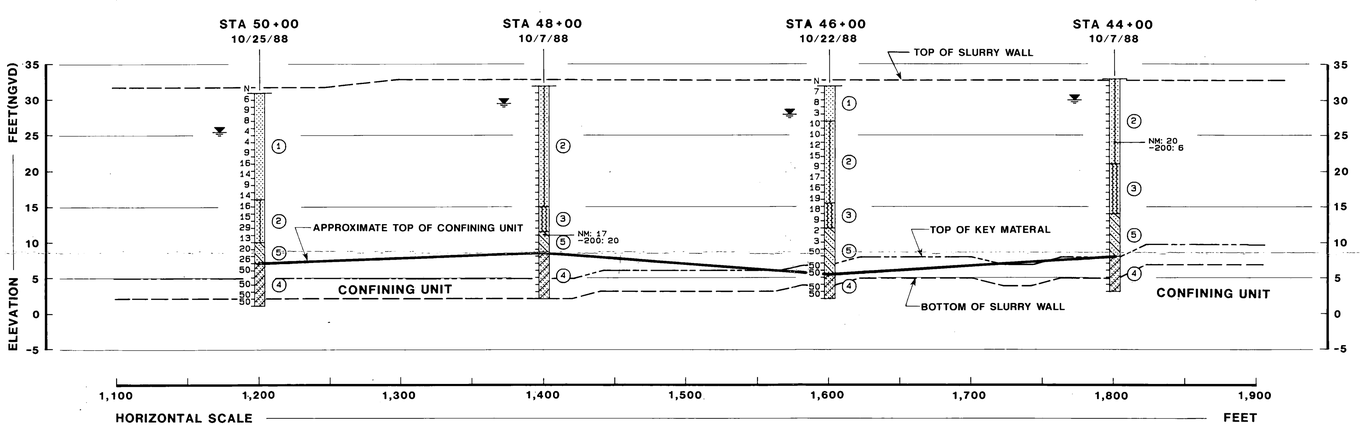
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NORTH WALL SOIL BORING PROFILES

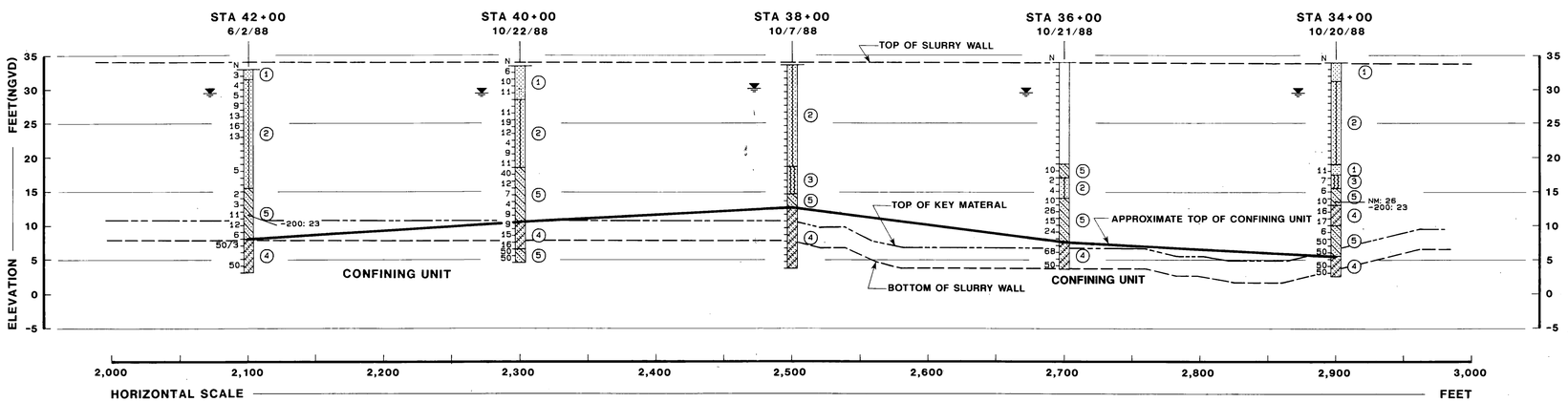
SECTION A



SECTION B



SECTION C



LEGEND

① LIGHT GRAY TO GRAY AND LIGHT BROWN TO YELLOWISH BROWN FINE SAND

② GRAY OR LIGHT BROWN TO YELLOWISH BROWN SLIGHTLY SILTY TO SILTY FINE SAND

③ GRAY AND BROWN MEDIUM TO FINE SAND TO SLIGHTLY SILTY FINE SAND WITH PHOSPHATES

④ GRAY AND GREEN OR BROWN TO LIGHT YELLOWISH BROWN CLAY AND SANDY CLAY WITH OCCASIONAL TRACES OF PHOSPHATES AND SEAMS OF FINE SAND

⑤ GRAY AND GREEN SLIGHTLY CLAYEY TO CLAYEY FINE SAND WITH OCCASIONAL TRACES OF PHOSPHATES, SHELL OR CEMENTED SAND

⑥ GRAY CLAYEY SILT AND SILT WITH OCCASIONAL TRACES OF PHOSPHATES

STA STATION WHERE STANDARD PENETRATION TEST (SPT) BORING OR AUGER BORING WAS CONDUCTED IN 1988

N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT

50/3" 50 BLOWS FOR 3 INCHES PENETRATION INTO SOIL

▼ GROUNDWATER LEVEL MEASURED ON DATE DRILLED

NM NATURAL MOISTURE CONTENT IN PERCENT

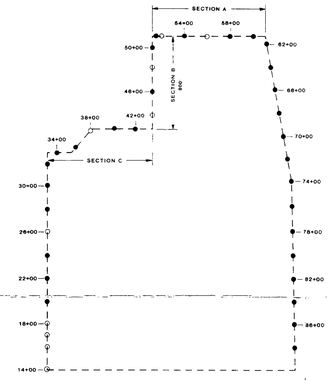
-200 PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)

LL LIQUID LIMIT IN PERCENT

PL PLASTIC LIMIT IN PERCENT

PI PLASTICITY INDEX IN PERCENT

k COEFFICIENT OF PERMEABILITY IN cm/sec



BORING LOCATION PLAN

N

0 200 400
SCALE — FEET

LEGEND
● SPT BORINGS
○ AUGER BORINGS

ENGINEERING CLASSIFICATION

I COHESIONLESS SOILS

DESCRIPTION	BLOW COUNT "N"
VERY LOOSE	0 TO 4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	50

II COHESIVE SOILS

DESCRIPTION	UNCONFINED COMPRESSIVE STRENGTH, Qu, TSF	BLOW COUNT "N"
VERY SOFT	1/4	0 TO 2
SOFT	1/4 TO 1/2	2 TO 4
MEDIUM STIFF	1/2 TO 1	4 TO 8
STIFF	1 TO 2	8 TO 15
VERY STIFF	2 TO 4	15 TO 30
HARD	4	30

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE GEOLOGIC FORMATIONS ENCOUNTERED MAY EXIST BETWEEN BORINGS. THE RELATED INFORMATION ARE BASED ON THE DRILLERS LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE INDICATED BORING LOCATIONS ON THE PARTICULAR DATE DRILLED.

GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER-TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR. ARDAMAN & ASSOCIATES, INC. DOES NOT WARRANT BORINGS INDICATE THAT FREE WATER WILL BE ENCOUNTERED, BUT DOES POINT OUT THAT IF FREE WATER IS NOT ENCOUNTERED AT THE TIME OF DRILLING THOSE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THOSE BORINGS IN THE FUTURE.



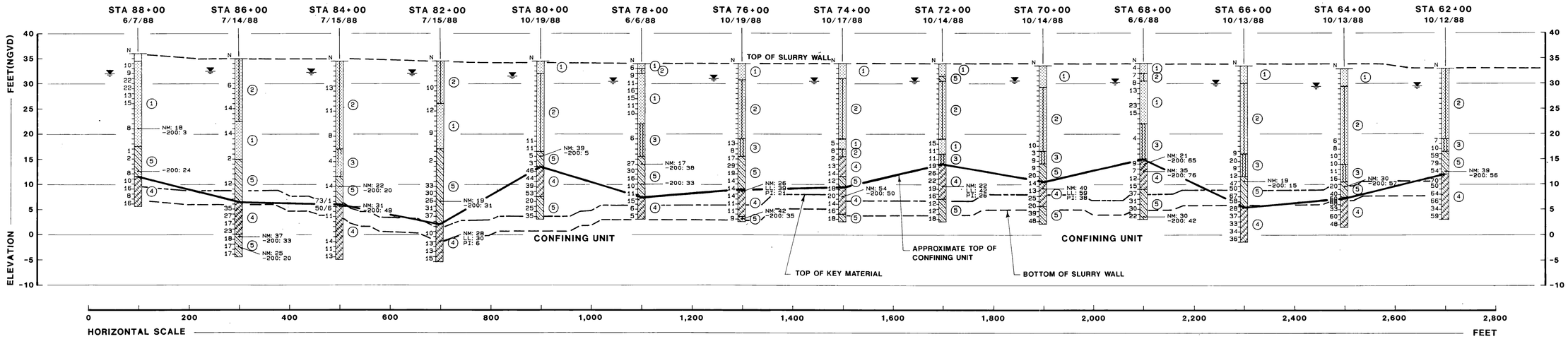
Ardaman & Associates, Inc.
Consulting Engineers in Soils, Hydrogeology, Foundations, and Materials Testing

AS-BUILT DRAWINGS
SLURRY WALL SYSTEM
LENA ROAD LANDFILL, STAGE II
MANATEE COUNTY, FLORIDA

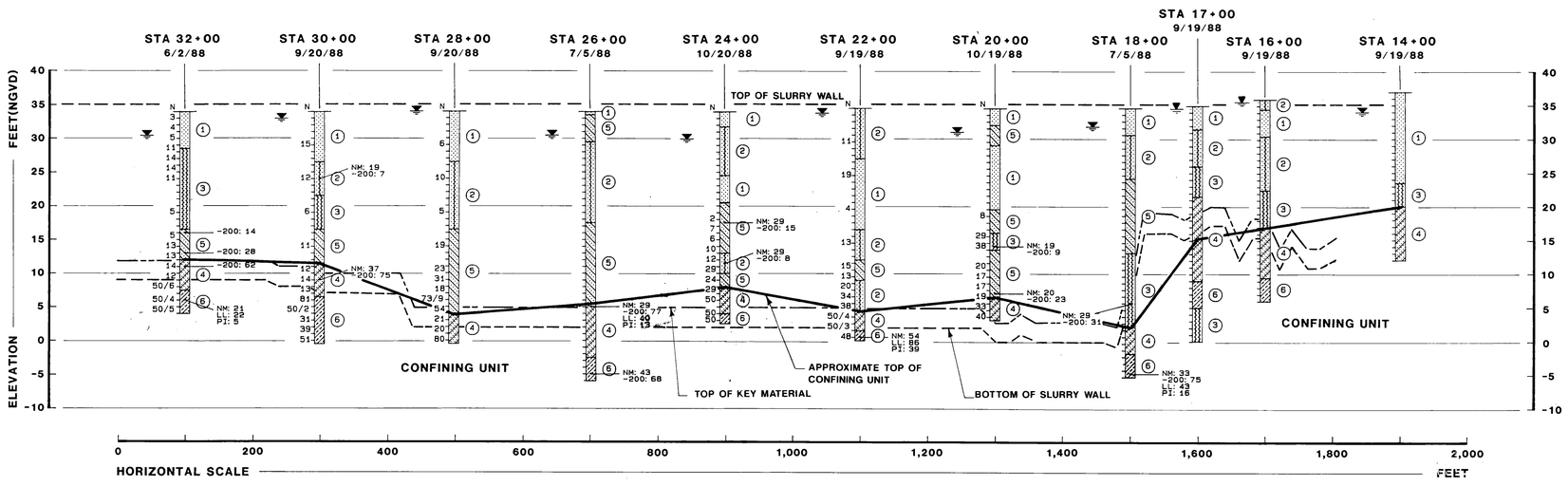
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FILE NO. 86-115A	APPROVED BY: H.G. Stangland	

H86A2

EAST WALL SOIL BORING PROFILES



WEST WALL SOIL BORING PROFILES



LEGEND

1. LIGHT GRAY TO GRAY AND LIGHT BROWN TO YELLOWISH BROWN FINE SAND
2. GRAY OR LIGHT BROWN TO YELLOWISH BROWN SLIGHTLY SILTY TO SILTY FINE SAND
3. GRAY AND BROWN MEDIUM TO FINE SAND TO SLIGHTLY SILTY FINE SAND WITH PHOSPHATES
4. GRAY AND GREEN OR BROWN TO LIGHT YELLOWISH BROWN CLAY AND SANDY CLAY WITH OCCASIONAL TRACES OF PHOSPHATES AND SEAMS OF FINE SAND
5. GRAY AND GREEN-SLIGHTLY CLAYEY-TO CLAYEY FINE SAND WITH OCCASIONAL TRACES OF PHOSPHATES, SHELL OR CEMENTED SAND
6. GRAY CLAYEY SILT AND SILT WITH OCCASIONAL TRACES OF PHOSPHATES

STA — STATION WHERE STANDARD PENETRATION TEST (SPT) BORING OR AUGER BORING WAS CONDUCTED IN 1988

N — STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT

50/3" — 50 BLOWS FOR 3 INCHES PENETRATION INTO SOIL

▽ — GROUNDWATER LEVEL MEASURED ON DATE DRILLED

NM — NATURAL MOISTURE CONTENT IN PERCENT

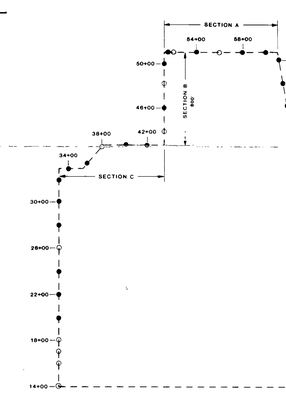
-200 — PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)

LL — LIQUID LIMIT IN PERCENT

PL — PLASTIC LIMIT IN PERCENT

PI — PLASTICITY INDEX IN PERCENT

k — COEFFICIENT OF PERMEABILITY IN cm/sec



BORING LOCATION PLAN

N

0 200 400
SCALE — FEET

LEGEND
- ● SPT BORINGS
- ○ AUGER BORINGS

ENGINEERING CLASSIFICATION

COHESIONLESS SOILS

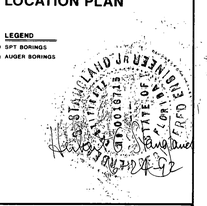
DESCRIPTION	BLOW COUNT 'N'
VERY LOOSE	0 TO 4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	ABOVE 50

COHESIVE SOILS

DESCRIPTION	UNCONFINED COMPRESSIVE STRENGTH, TSF	BLOW COUNT 'N'
VERY SOFT	BELOW .25	0 TO 2
SOFT	.25 TO .50	2 TO 4
MEDIUM STIFF	.50 TO 1.0	4 TO 8
STIFF	1 TO 2	8 TO 15
VERY STIFF	2 TO 4	15 TO 30
HARD	ABOVE 4	ABOVE 30

"WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLER'S LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE DESIGNATED BORING LOCATION AND ON THE PARTICULAR DATE DRILLED.

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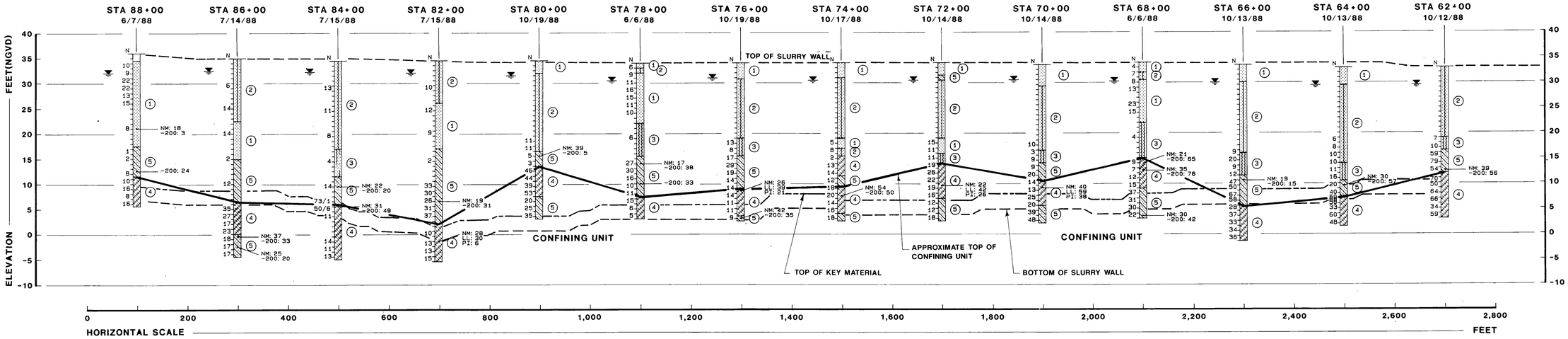
Ardaman & Associates, Inc.
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AS-BUILT DRAWINGS
SLURRY WALL SYSTEM
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MANATEE COUNTY, FLORIDA

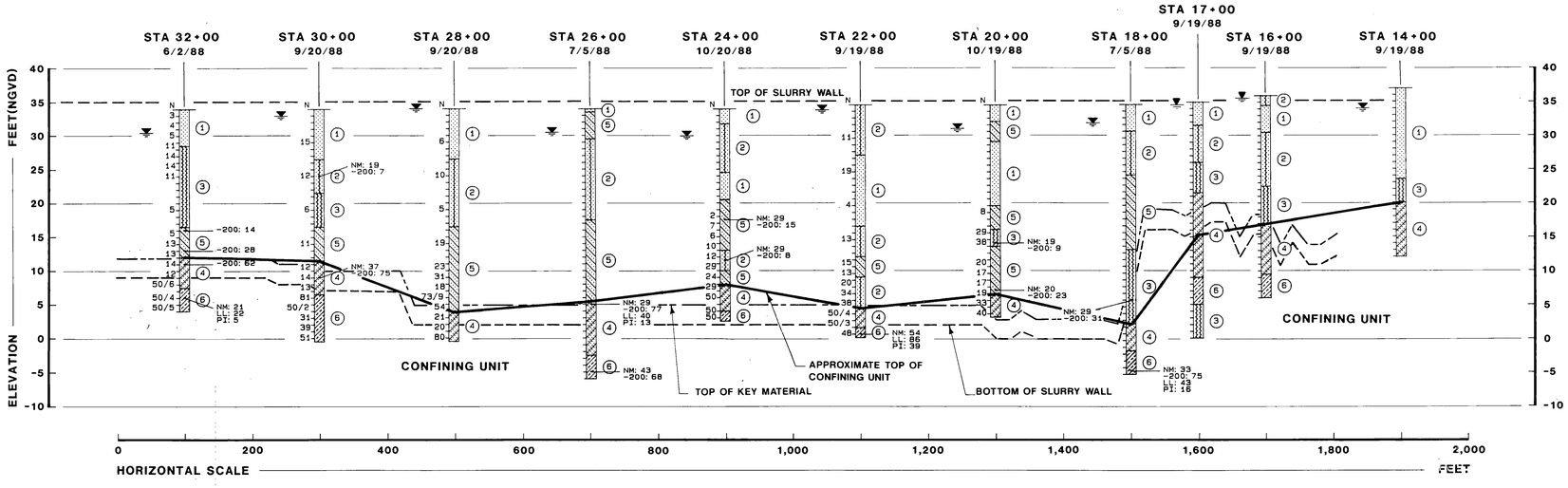
DRAWN BY: R.B.E.	CHECKED BY: AHR	DATE: 11/06/89
FILE NO. 86-115A	APPROVED BY: H.G. Stengland	

D. E. R.
JUN 26 1992
SOUTHWEST DISTRICT
TAMPA

EAST WALL SOIL BORING PROFILES



WEST WALL SOIL BORING PROFILES



LEGEND

1. LIGHT GRAY TO GRAY AND LIGHT BROWN TO YELLOWISH BROWN FINE SAND
2. GRAY OR LIGHT BROWN TO YELLOWISH BROWN SLIGHTLY SILTY TO SILTY FINE SAND
3. GRAY AND BROWN MEDIUM TO FINE SAND TO SLIGHTLY SILTY FINE SAND WITH PHOSPHATES
4. GRAY AND GREEN OR BROWN TO LIGHT YELLOWISH BROWN CLAY AND SANDY CLAY WITH OCCASIONAL TRACES OF PHOSPHATES AND SEAMS OF FINE SAND
5. GRAY AND GREEN SLIGHTLY CLAYEY TO CLAYEY FINE SAND WITH OCCASIONAL TRACES OF PHOSPHATES, SHELL OR CEMENTED SAND
6. GRAY CLAYEY SILT AND SILT WITH OCCASIONAL TRACES OF PHOSPHATES

STA — STATION WHERE STANDARD PENETRATION TEST (SPT) BORING OR AUGER BORING WAS CONDUCTED IN 1988

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50/3" — 50 BLOWS FOR 3 INCHES PENETRATION INTO SOIL

▼ — GROUNDWATER LEVEL MEASURED ON DATE DRILLED

NM — NATURAL MOISTURE CONTENT IN PERCENT

-200 — PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)

LL — LIQUID LIMIT IN PERCENT

PL — PLASTIC LIMIT IN PERCENT

PI — PLASTICITY INDEX IN PERCENT

k — COEFFICIENT OF PERMEABILITY IN cm/sec

ENGINEERING CLASSIFICATION

COHESIONLESS SOILS

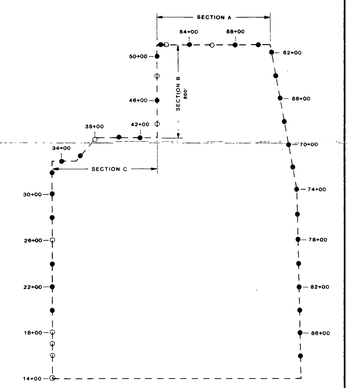
DESCRIPTION	BLOW COUNT 'N'
VERY LOOSE	0 TO 4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	ABOVE 50

COHESIVE SOILS

DESCRIPTION	UNCONFINED COMPRESSIVE STRENGTH, TSF	BLOW COUNT 'N'
VERY SOFT	BELOW .25	0 TO 2
SOFT	.25 TO .50	2 TO 4
MEDIUM STIFF	.50 TO 1.0	4 TO 8
STIFF	1 TO 2	8 TO 15
VERY STIFF	2 TO 4	15 TO 30
HARD	ABOVE 4	ABOVE 30

"WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLER'S LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE DESIGNATED BORING LOCATION AND ON THE PARTICULAR DATE DRILLED.

GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR. ABSENCE OF WATER SURFACE DATA ON CERTAIN BORINGS IMPLIES THAT NO GROUNDWATER DATA IS AVAILABLE, BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THESE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THESE BORINGS. SIGNIFICANT FLUCTUATIONS IN WATER TABLE LEVELS WITH POND LEVEL FLUCTUATIONS SHOULD BE ANTICIPATED."



BORING LOCATION PLAN



LEGEND
- ● SPT BORINGS
- ○ AUGER BORINGS



Ardaman & Associates, Inc.
Consulting Engineers in Soils, Hydrogeology, Foundations, and Materials Testing

AS-BUILT DRAWINGS
SLURRY WALL SYSTEM
LENA ROAD LANDFILL, STAGE II
MANATEE COUNTY, FLORIDA

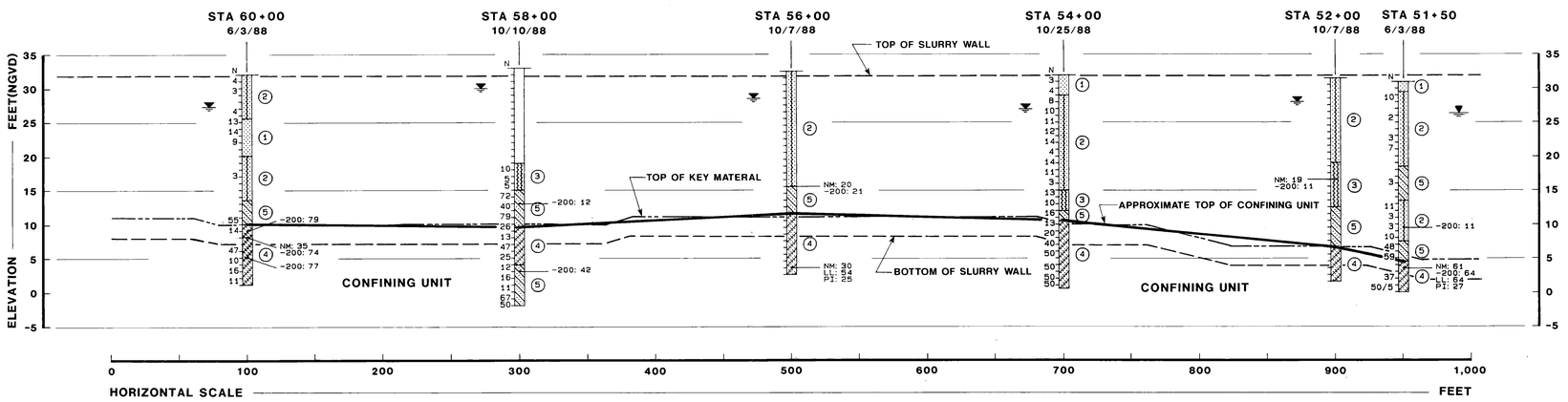
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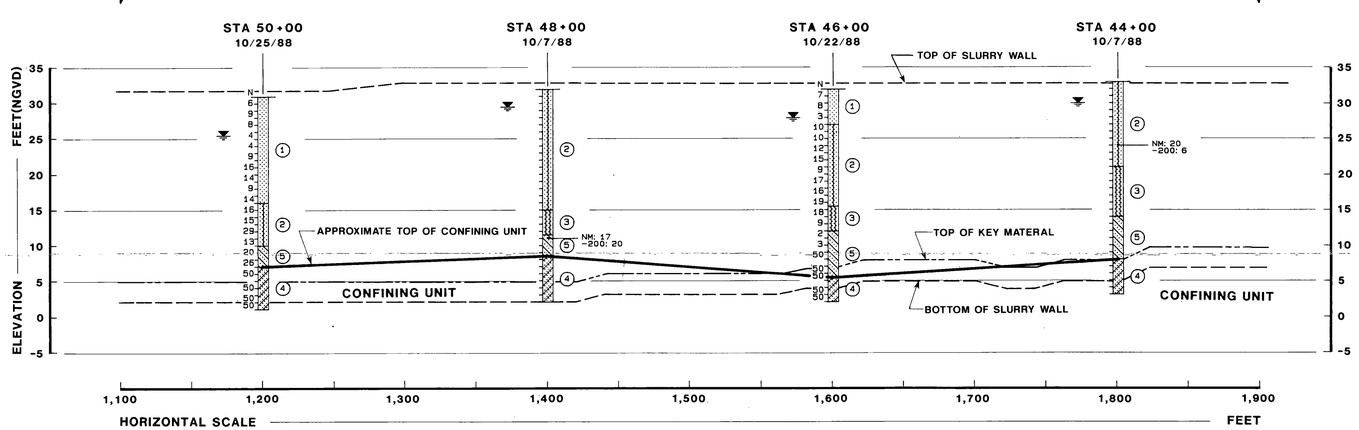
D. E. R.
JUN 26 1992
SOUTHWEST DISTRICT
TAMPA

NORTH WALL SOIL BORING PROFILES

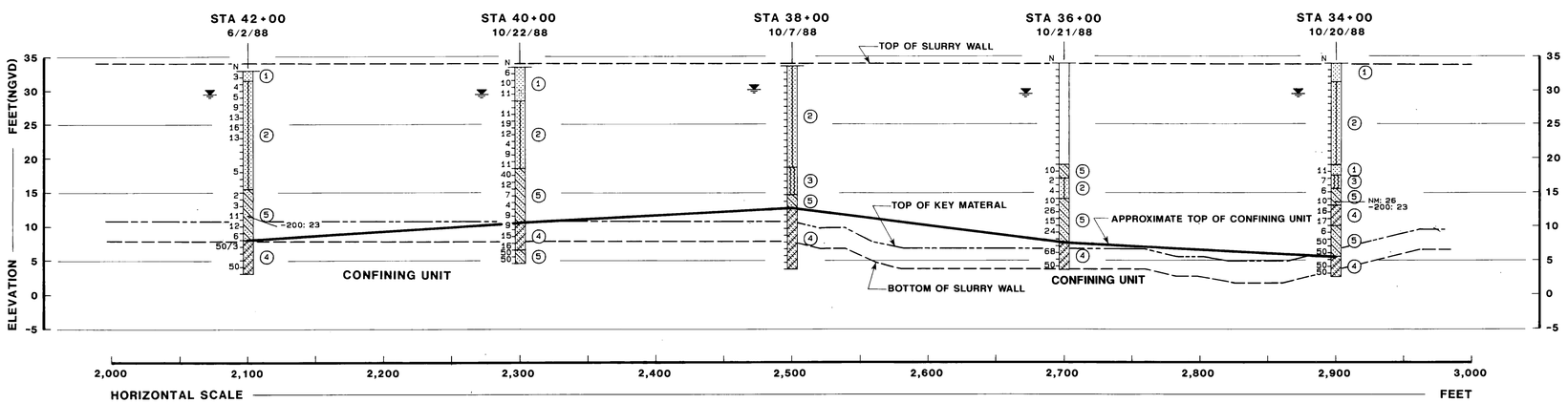
SECTION A



SECTION B



SECTION C



LEGEND

1. LIGHT GRAY TO GRAY AND LIGHT BROWN TO YELLOWISH BROWN FINE SAND
2. GRAY OR LIGHT BROWN TO YELLOWISH BROWN SLIGHTLY SILTY TO SILTY FINE SAND
3. GRAY AND BROWN MEDIUM TO FINE SAND TO SLIGHTLY SILTY FINE SAND WITH PHOSPHATES
4. GRAY AND GREEN OR BROWN TO LIGHT YELLOWISH BROWN CLAY AND SANDY CLAY WITH OCCASIONAL TRACES OF PHOSPHATES AND SEAMS OF FINE SAND
5. GRAY AND GREEN SLIGHTLY CLAYEY TO CLAYEY FINE SAND WITH OCCASIONAL TRACES OF PHOSPHATES, SHELL OR CEMENTED SAND
6. GRAY CLAYEY SILT AND SILT WITH OCCASIONAL TRACES OF PHOSPHATES

STA STATION WHERE STANDARD PENETRATION TEST (SPT) BORING OR AUGER BORING WAS CONDUCTED IN 1988

N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT

50/3" 50 BLOWS FOR 3 INCHES PENETRATION INTO SOIL

GROUNDWATER LEVEL MEASURED ON DATE DRILLED

NM NATURAL MOISTURE CONTENT IN PERCENT

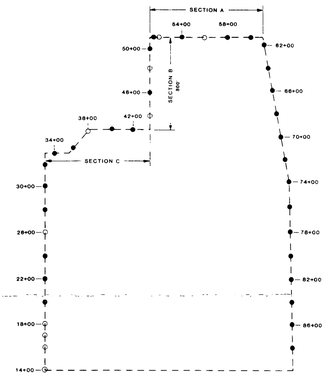
-200 PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)

LL LIQUID LIMIT IN PERCENT

PL PLASTIC LIMIT IN PERCENT

PI PLASTICITY INDEX IN PERCENT

k COEFFICIENT OF PERMEABILITY IN cm/sec



BORING LOCATION PLAN

N

0 200 400
SCALE — FEET

LEGEND
- SPT BORINGS
- AUGER BORINGS

ENGINEERING CLASSIFICATION

I COHESIONLESS SOILS

DESCRIPTION	BLOW COUNT "N"
VERY LOOSE	0 TO 4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	50

II COHESIVE SOILS

DESCRIPTION	UNCONFINED COMPRESSIVE STRENGTH, Qu, TSF	BLOW COUNT "N"
VERY SOFT	1/4	0 TO 2
SOFT	1/4 TO 1/2	2 TO 4
MEDIUM STIFF	1/2 TO 1	4 TO 8
STIFF	1 TO 2	8 TO 15
VERY STIFF	2 TO 4	15 TO 30
HARD	4	30

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THOSE RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE OF THIS SITE ARE TO BE EXPECTED BETWEEN BORINGS. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE FIELDS LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE INDICATED BORING LOCATIONS ON THE PARTICULAR DATE DRILLED.

GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER-TABLE LEVELS SHOULD BE ANTICIPATED DEPENDING ON SEASONAL VARIATIONS. THE ABSENCE OF WATER IN THE BORING IMPLIES THAT NO GROUNDWATER DATA IS AVAILABLE, BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THOSE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THOSE BORINGS IN THE FUTURE.



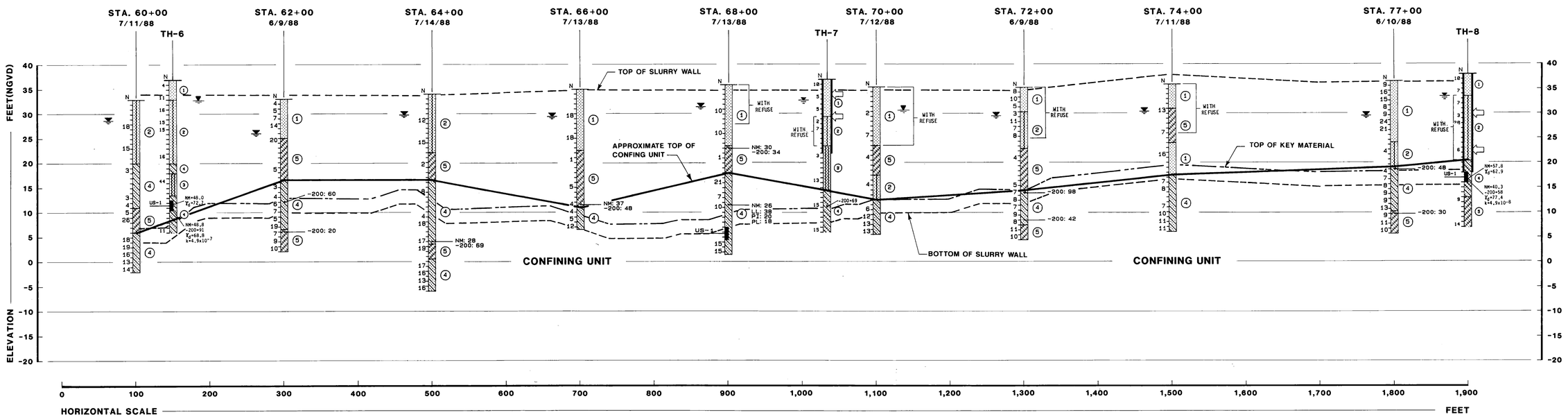
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AS-BUILT DRAWINGS
SLURRY WALL SYSTEM
LENA ROAD LANDFILL, STAGE II
MANATEE COUNTY, FLORIDA

DRAWN BY: R.B.E.	CHECKED BY: AHR	DATE: 11/06/89
FILE NO. 86-115A	APPROVED BY: H.G. Stangland	

AF 42148D

SOUTH WALL SOIL BORING PROFILES



LEGEND

1. LIGHT GRAY TO GRAY AND LIGHT BROWN TO YELLOWISH BROWN FINE SAND
2. GRAY OR LIGHT BROWN TO YELLOWISH BROWN SLIGHTLY SILTY TO SILTY FINE SAND
3. GRAY AND BROWN MEDIUM TO FINE SAND TO SLIGHTLY SILTY FINE SAND WITH PHOSPHATES
4. GRAY AND GREEN OR BROWN TO LIGHT YELLOWISH BROWN CLAY AND SANDY CLAY WITH OCCASIONAL TRACES OF PHOSPHATES AND SEAMS OF FINE SAND
5. GRAY AND GREEN SLIGHTLY CLAYEY TO CLAYEY FINE SAND WITH OCCASIONAL TRACES OF PHOSPHATES, SHELL OR CEMENTED SAND

TH	STANDARD PENETRATION TEST (SPT) BORING CONDUCTED IN 1984
STA	STATION WHERE STANDARD PENETRATION TEST (SPT) BORING OR AUGER BORING WAS CONDUCTED IN 1988
N	STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
50/3"	50 BLOWS FOR 3 INCHES PENETRATION INTO SOIL
	GROUNDWATER LEVEL MEASURED ON DATE DRILLED
	LOSS OF DRILLING FLUID CIRCULATION
US-1	UNDISTURBED SAMPLE OBTAINED WITH A 3-INCH DIA. SHELBY TUBE
NM	NATURAL MOISTURE CONTENT IN PERCENT
-200	PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)
LL	LIQUID LIMIT IN PERCENT
PL	PLASTIC LIMIT IN PERCENT
PI	PLASTICITY INDEX IN PERCENT
k	COEFFICIENT OF PERMEABILITY IN cm/sec

ENGINEERING CLASSIFICATION

I COHESIONLESS SOILS

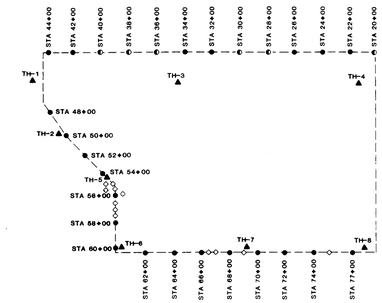
DESCRIPTION	BLOW COUNT "N"
VERY LOOSE	0 TO 4
LOOSE	4 TO 10
MEDIUM DENSE	10 TO 30
DENSE	30 TO 50
VERY DENSE	50

II COHESIVE SOILS

DESCRIPTION	UNCONFINED COMPRESSIVE STRENGTH, QU, TSF	BLOW COUNT "N"
VERY SOFT	1/4	0 TO 2
SOFT	1/4 TO 1/2	2 TO 4
MEDIUM STIFF	1/2 TO 1	4 TO 8
STIFF	1 TO 2	8 TO 15
VERY STIFF	2 TO 4	15 TO 30
HARD	4	30

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLERS LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE DESIGNATED BORING LOCATIONS ON THE PARTICULAR DATE DRILLED.

GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR. ABSENCE OF WATER SURFACE DATA ON CERTAIN BORINGS IMPLIES THAT NO GROUNDWATER DATA IS AVAILABLE, BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THESE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THESE BORINGS IN THE FUTURE.



BORING LOCATION PLAN

- NEW SPT BORING
- NEW AUGER BORING
- OLD BORING (1984)
- SHALLOW AUGERS DRIVEN TO DELINEATE THE EXTENT OF REFUSE

N

0 400

SCALE FEET



SOUTH WALL BORING PROFILES

Ardaman & Associates, Inc.
Consulting Engineers in Soil Mechanics, Foundations, and Materials Testing

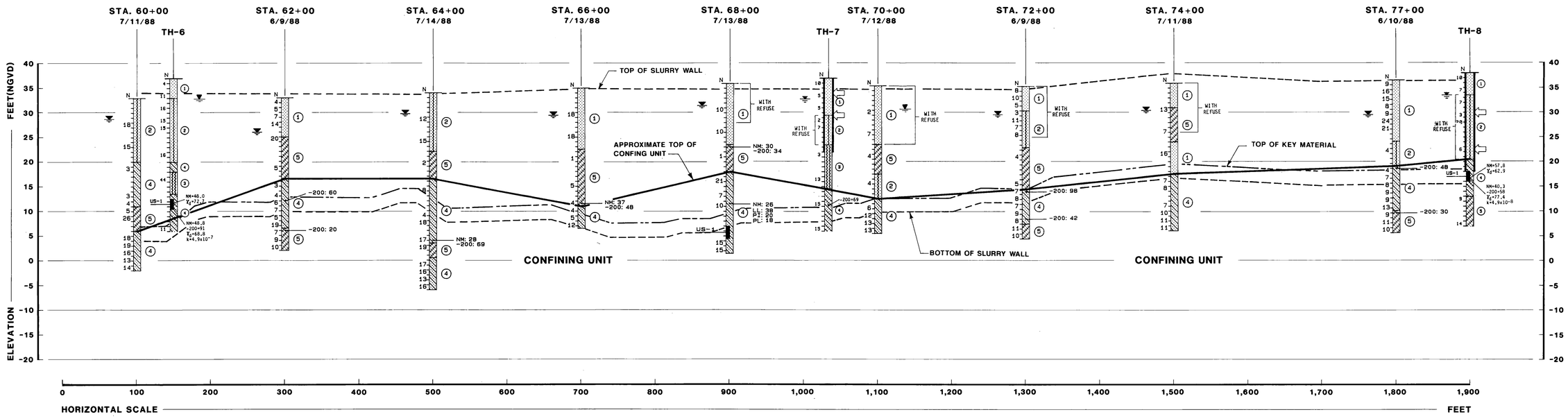
AS-BUILT DRAWINGS
SLURRY WALL SYSTEM
LENA ROAD LANDFILL, STAGE III
MANATEE COUNTY, FLORIDA

DRAWN BY: R.B.E.	CHECKED BY: A.H.R.	DATE: 11/06/89
FILE NO. 86-115A	APPROVED BY: H.G. Stangland	

A&E 19-1353

AF 42148D

SOUTH WALL SOIL BORING PROFILES



LEGEND

- (1) LIGHT GRAY TO GRAY AND LIGHT BROWN TO YELLOWISH BROWN FINE SAND
- (2) GRAY OR LIGHT BROWN TO YELLOWISH BROWN SLIGHTLY SILTY TO SILTY FINE SAND
- (3) GRAY AND BROWN MEDIUM TO FINE SAND TO SLIGHTLY SILTY FINE SAND WITH PHOSPHATES
- (4) GRAY AND GREEN OR BROWN TO LIGHT YELLOWISH BROWN CLAY AND SANDY CLAY WITH OCCASIONAL TRACES OF PHOSPHATES AND SEAMS OF FINE SAND
- (5) GRAY AND GREEN SLIGHTLY CLAYEY TO CLAYEY FINE SAND WITH OCCASIONAL TRACES OF PHOSPHATES, SHELL OR CEMENTED SAND

TH	STANDARD PENETRATION TEST (SPT) BORING CONDUCTED IN 1984
STA	STATION WHERE STANDARD PENETRATION TEST (SPT) BORING OR AUGER BORING WAS CONDUCTED IN 1988
N	STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
50/3"	50 BLOWS FOR 3 INCHES PENETRATION INTO SOIL
	GROUNDWATER LEVEL MEASURED ON DATE DRILLED
	LOSS OF DRILLING FLUID CIRCULATION
US-1	UNDISTURBED SAMPLE OBTAINED WITH A 3-INCH DIA. SHELBY TUBE
NM	NATURAL MOISTURE CONTENT IN PERCENT
-200	PERCENT PASSING NO. 200 SIEVE SIZE (PERCENT FINES)
LL	LIQUID LIMIT IN PERCENT
PL	PLASTIC LIMIT IN PERCENT
PI	PLASTICITY INDEX IN PERCENT
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ENGINEERING CLASSIFICATION

I COHESIONLESS SOILS

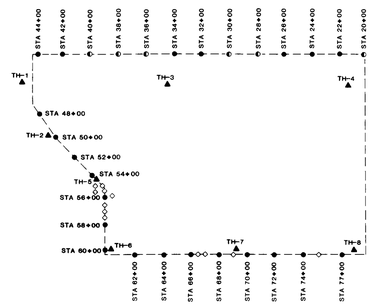
DESCRIPTION	BLOW COUNT "N"
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- ◐ NEW AUGER BORING
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- ◇ SHALLOW AUGERS DRIVEN TO DELINEATE THE EXTENT OF REFUSE

N

0 400
SCALE FEET

D.E.R.
JUN 26 1992
SOUTHWEST DISTRICT
TAMPA

Herbert G. Standland
REGISTERED ENGINEER
STATE OF FLORIDA

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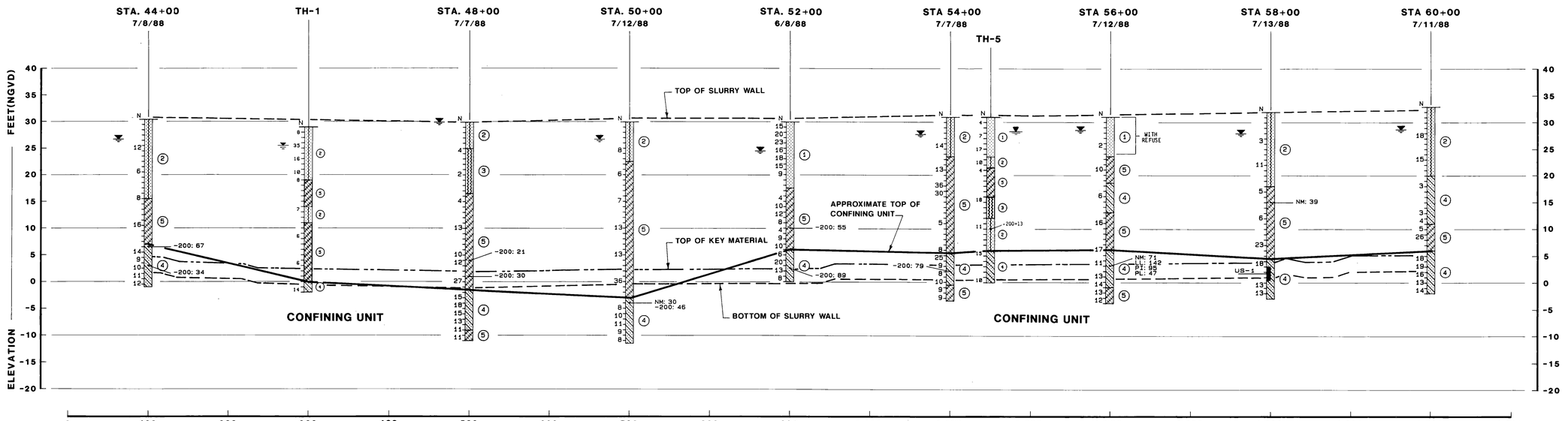
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(9)

WEST WALL SOIL BORING PROFILES



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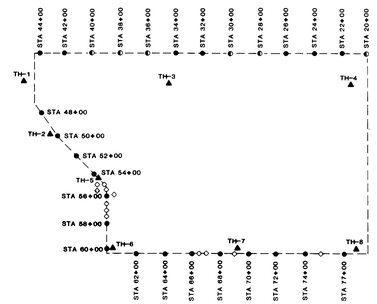
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SCALE FEET

Herbert A. Rowland III — Registered Professional Engineer — State of Florida — 24

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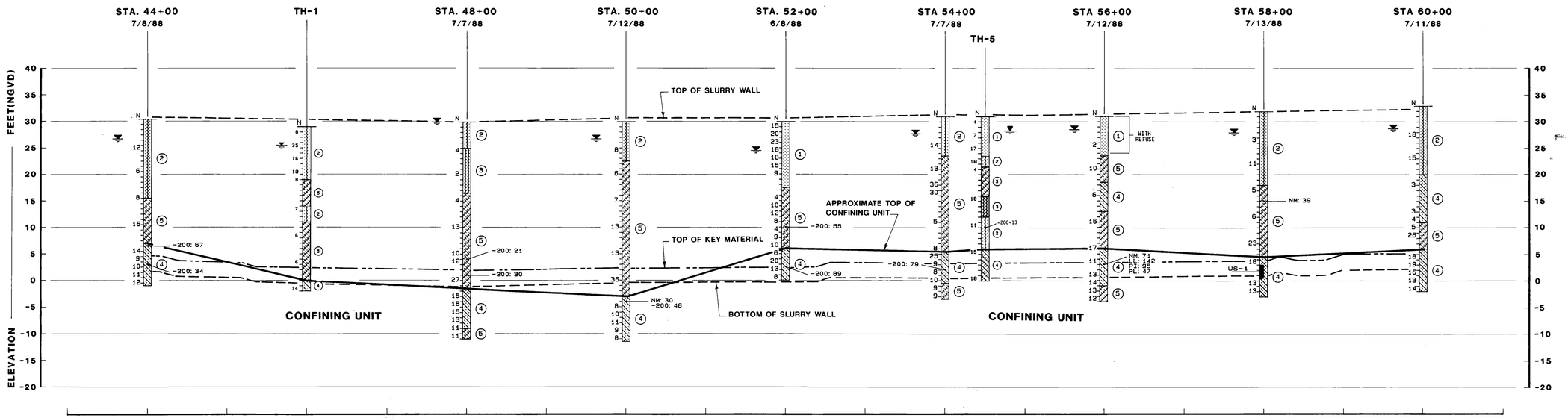
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A-F 42148D

(10)

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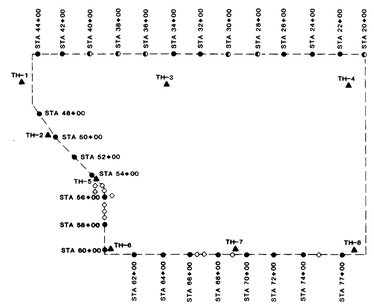
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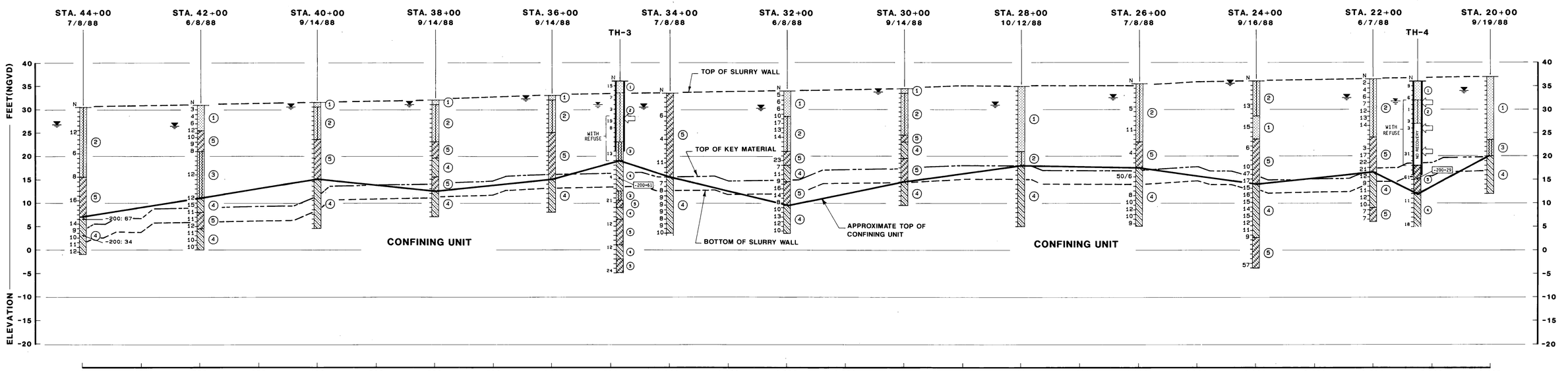
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K&E 19-1353

A.F. 42148D

11

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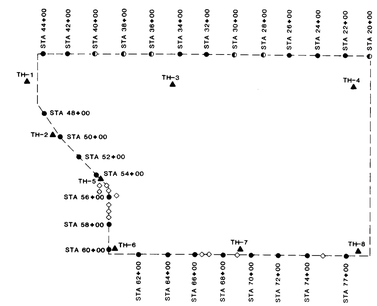
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SCALE FEET

STATE OF FLORIDA — HELMUT G. STANGLAND — 21678 — REGISTERED PROFESSIONAL ENGINEER

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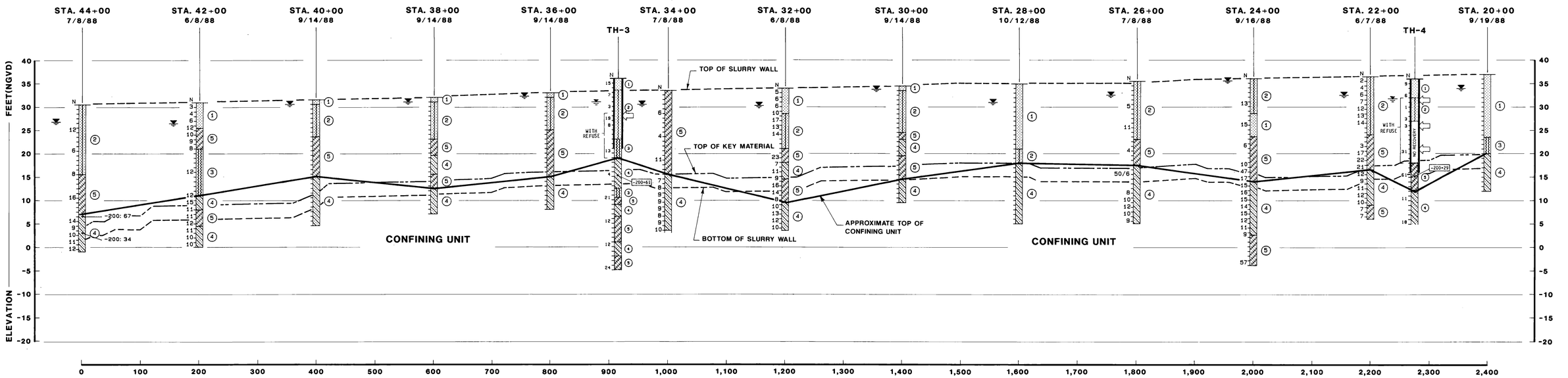
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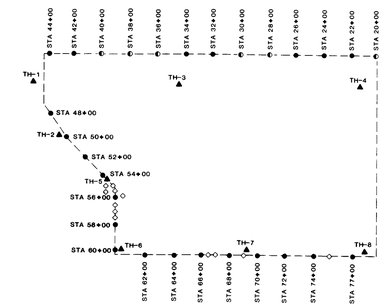
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