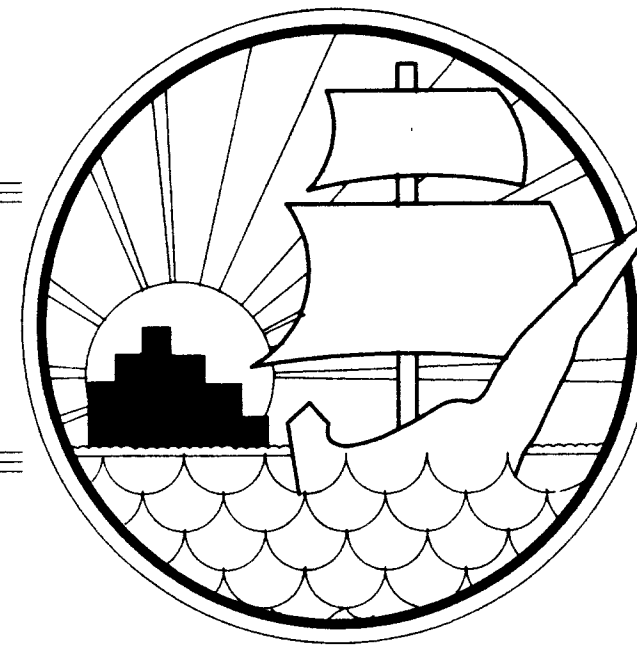
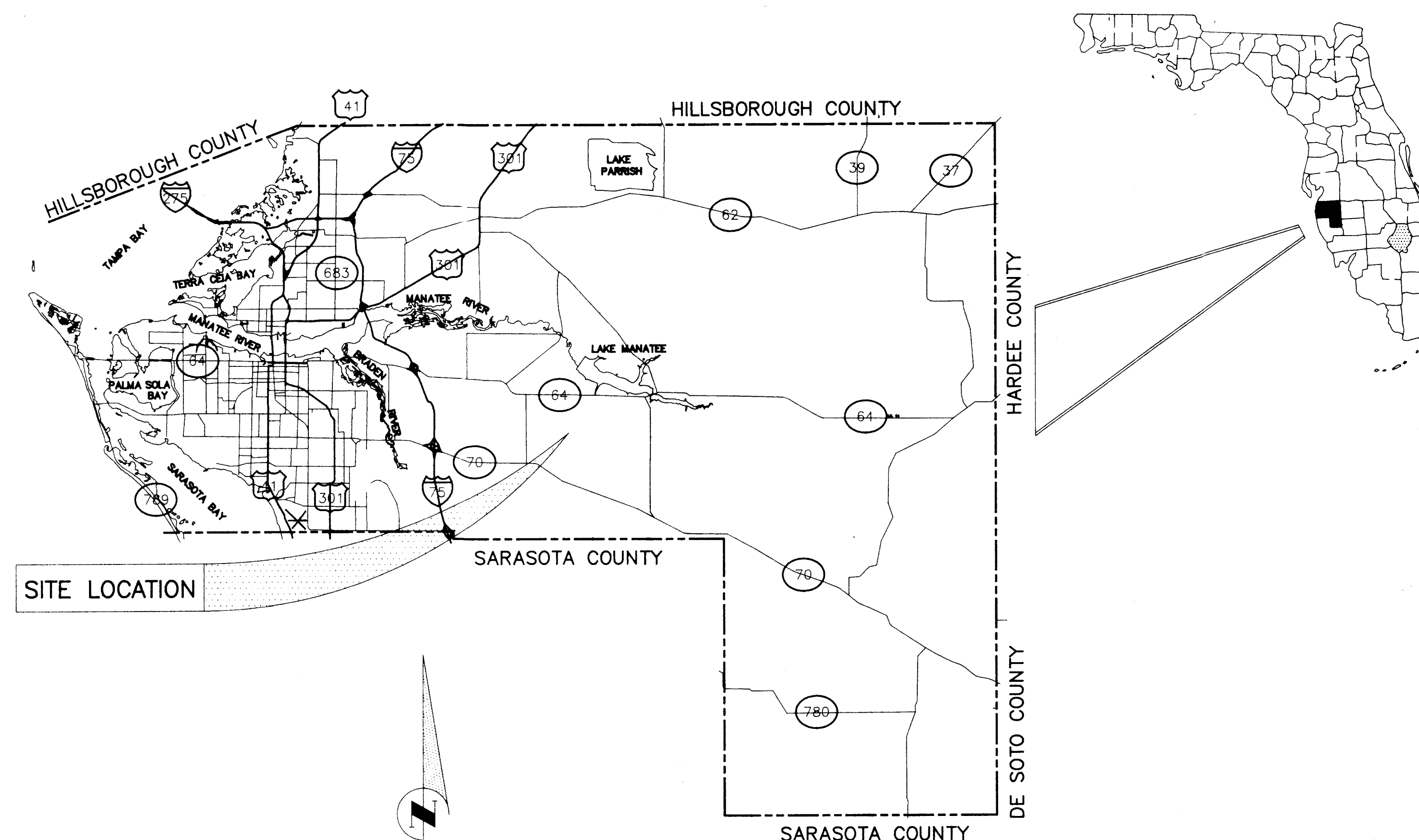


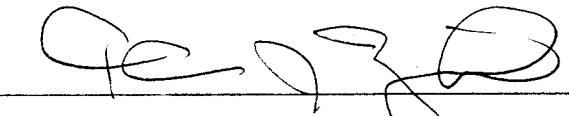


MANATEE COUNTY, FLORIDA LENA ROAD LANDFILL IMPROVEMENTS STAGE 2-LEACHATE COLLECTION SYSTEM, PUMP STATION AND FORCE MAIN PROJECT NO. 485-0190-534 JANUARY 1990



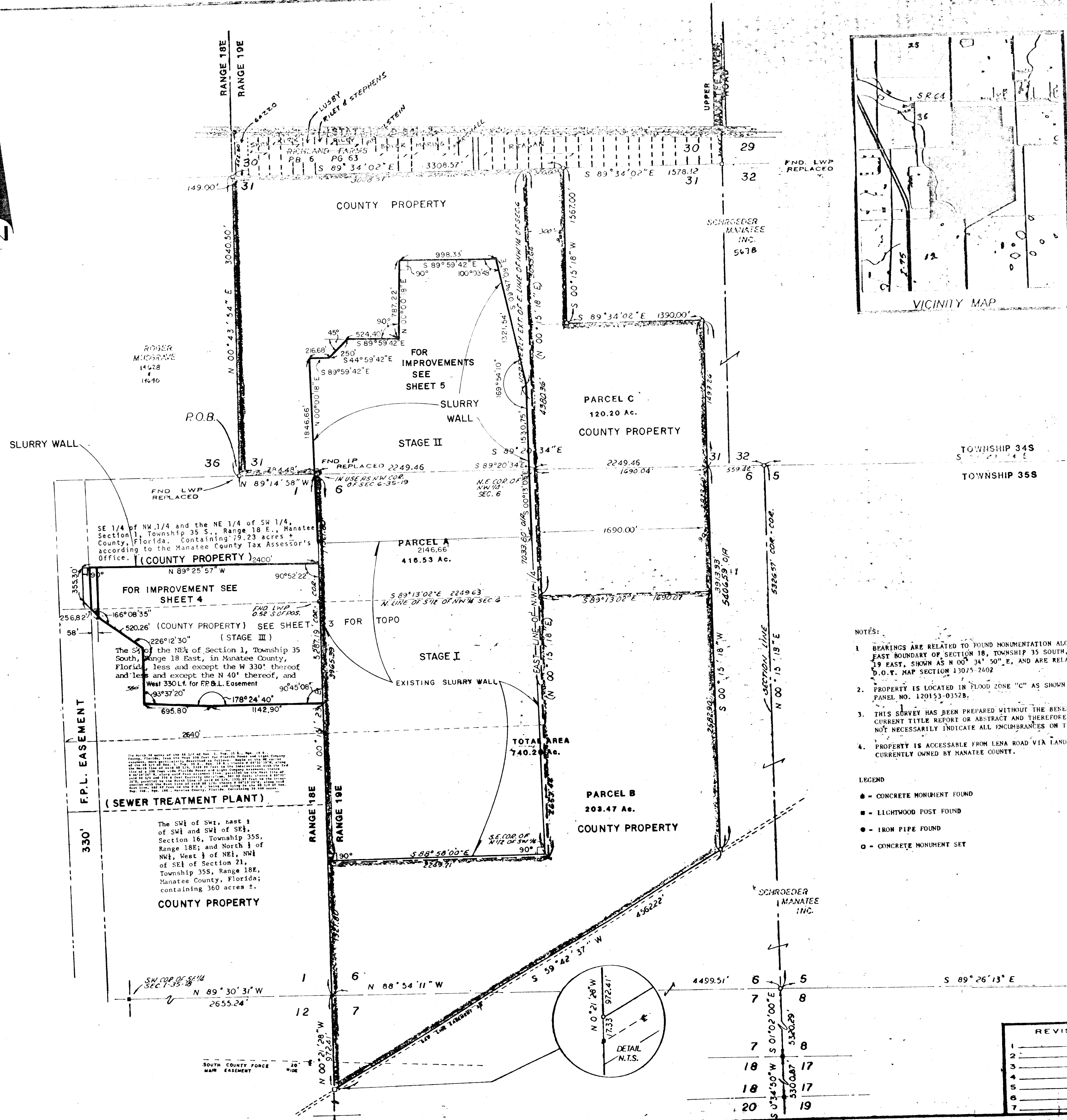
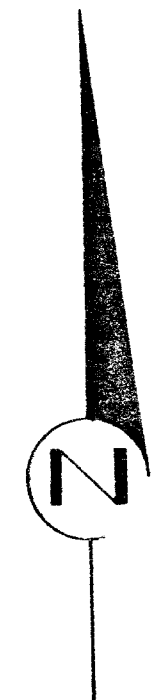
SHT.	DESCRIPTION
1	TITLE SHEET
2	BOUNDARY SURVEY
3	EXISTING TOPOGRAPHY (OVERALL PLAN)
4	PROPOSED LEACHATE COLLECTION SYSTEM PUMP STATION.
5	DETAILS OF STANDARD PRE-CAST MANHOLE, LEACHATE TRENCH AND WARNING SIGNAL.
6 & 7	PUMP STATION DETAILS
8-12	PROFILE OF PIPES

APPROVED BY:

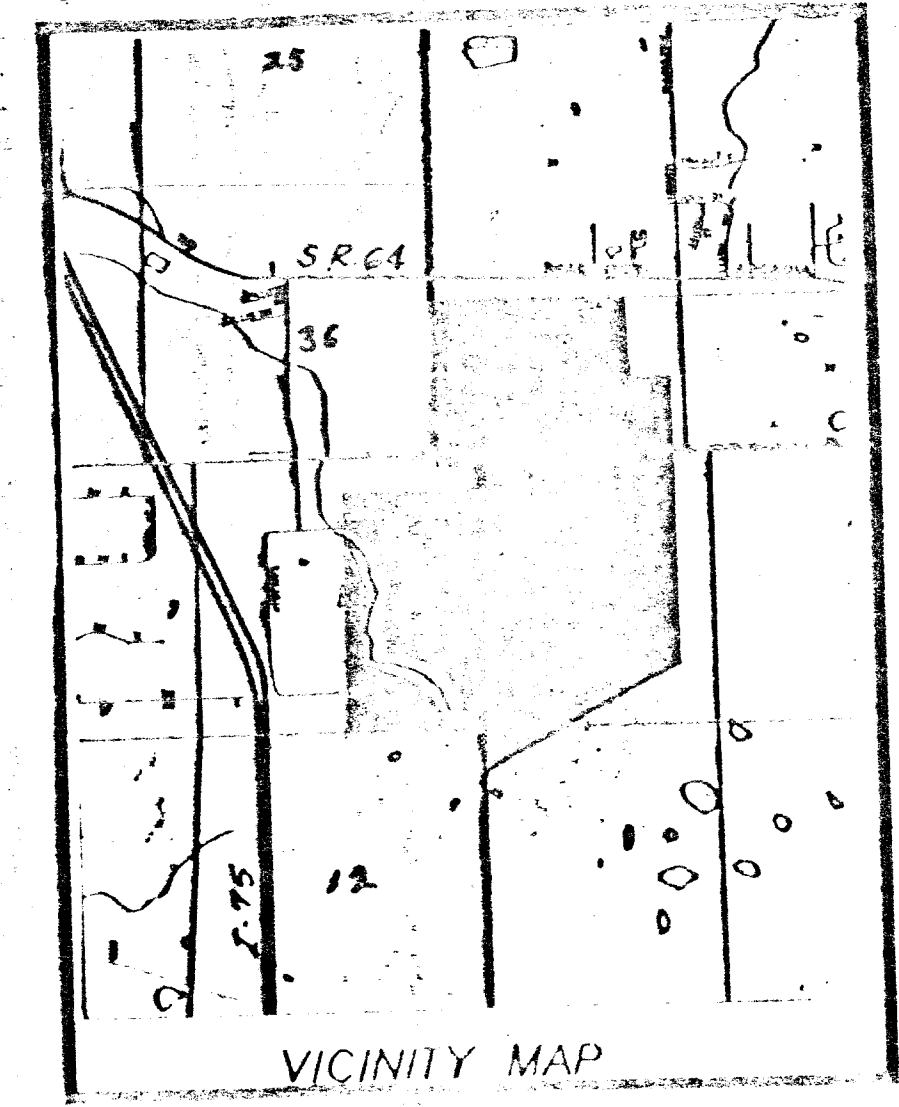

THOMAS J. ZINK, P.E. NO. 36550

DATE

1/17/90



RECEIVED
MAY 21 1990
WASTE MANAGEMENT



PARCEL "A" (FORMERLY PARCELS A AND B) DESCRIBED AS FOLLOWS:
THE SOUTH 1/2 OF THE N.W. 1/4 AND THE NORTH 1/2 OF THE S.W. 1/4 OF SECTION 6,
TOWNSHIP 35 SOUTH, RANGE 19 EAST.

ALSO:
THE NORTH 1/2 OF THE N.W. 1/4 OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST,
AND ALL OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST, 1955 THAT PART OF
SECTION 31, LYING EAST OF A LINE WHICH IS THE NORTHERLY EXTENSION OF THE EAST
LINE OF THE N.W. 1/4 OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST.

PARCEL "B" DESCRIBED AS FOLLOWS:
THAT PART OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST, LYING NORTHERLY OF
THE NORTHERLY LINE OF THAT CERTAIN GAS LINE EASEMENT RUNNING DIAGONALLY THROUGH
THE PROPERTY, LESS THE SOUTH 1/2 OF THE N.W. 1/4 AND THE NORTH 1/2 OF THE S.W. 1/4
OF SAID SECTION 6; ALSO LESS THAT PART OF SECTION 6, LYING NORTHERLY OF A LINE
WHICH IS THE EASTERLY EXTENSION OF THE NORTHERLY LINE OF THE SOUTH 1/2 OF THE
N.W. 1/4 OF SAID SECTION 6; ALSO LESS THAT PART OF SECTION 6 LYING EAST OF A LINE
WHICH IS PARALLEL WITH AND 1690 FEET EAST OF THE EAST LINE OF THE N.W. 1/4
OF SAID SECTION 6 AND ANY NORTHERLY OR SOUTHERLY EXTENSION THEREOF.

PARCEL "C" DESCRIBED AS FOLLOWS:
THAT PART OF SECTION 7, TOWNSHIP 35 SOUTH, RANGE 19 EAST LYING NORTHERLY OF THE
NORTHERLY LINE OF THAT CERTAIN GAS LINE EASEMENT RUNNING DIAGONALLY THROUGH THE
PROPERTY.

ALSO:
THAT PART OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST, MORE FULLY DESCRIBED
AS BEING BOUNDED ON THE NORTH BY THE NORTH LINE OF SAID SECTION 31, AND BOUNDED
ON THE WEST BY THE EAST LINE OF THE N.W. 1/4 OF SAID SECTION 6, AND BOUNDED ON
THE SOUTH BY THE EASTERLY EXTENSION OF THE NORTH LINE OF THE SOUTH 1/2 OF THE
N.W. 1/4 OF SAID SECTION 6, AND BOUNDED ON THE EAST BY A LINE WHICH LIES 1690
FEET EAST OF THE EAST LINE OF THE N.W. 1/4 OF SAID SECTION 6.

ALSO:
THAT PART OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST, MORE FULLY DESCRIBED
AS BEING BOUNDED ON THE NORTH BY THE NORTH LINE OF SAID SECTION 31, AND BOUNDED
ON THE WEST BY A LINE WHICH LIES 1567 FEET SOUTHERLY OF THE EAST LINE OF THE
N.W. 1/4 OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST, AND BOUNDED ON THE SOUTH
BY A LINE WHICH LIES 1567 FEET SOUTHERLY OF AND PARALLEL WITH THE NORTH LINE
OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST, AND BOUNDED ON THE EAST BY A LINE
WHICH LIES 300 FEET EASTERLY OF AND PARALLEL WITH THE NORTHERLY EXTENSION OF
THE EAST LINE OF THE N.W. 1/4 OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST.

ALSO:
THAT PART OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST, MORE FULLY DESCRIBED
AS BEING BOUNDED ON THE NORTH BY THE NORTH LINE OF SAID SECTION 31, AND BOUNDED
ON THE WEST BY A LINE WHICH LIES 1567 FEET SOUTHERLY OF THE EAST LINE OF THE
N.W. 1/4 OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST, AND BOUNDED ON THE SOUTH
BY A LINE WHICH LIES 1567 FEET SOUTHERLY OF AND PARALLEL WITH THE NORTH LINE
OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST, AND BOUNDED ON THE EAST BY A LINE
WHICH LIES 300 FEET EASTERLY OF AND PARALLEL WITH THE NORTHERLY EXTENSION OF
THE EAST LINE OF THE N.W. 1/4 OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST.

ALL OF THE ABOVE BEING AND LYING IN MANATEE COUNTY, FLORIDA.

DESCRIPTION:
PARCELS A, B AND C, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE S.W. CORNER OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST;
THENCE N 00° 43' 54" E, ALONG WEST BOUNDARY OF SAID SECTION 31, A DISTANCE OF
3040.50 FEET TO THE N.W. CORNER OF SAID SECTION 31; THENCE S 89° 34' 02" E, ALONG
NORTH BOUNDARY OF SAID SECTION 31, A DISTANCE OF 3308.57 FEET; THENCE S 00° 15' 18"
E, ALONG EAST BOUNDARY OF SAID SECTION 31, A DISTANCE OF 1390.00 FEET;
THENCE S 00° 15' 18" W, DISTANCE OF 5406.39 FEET TO THE NORTH RIGHT OF WAY LINE
OF A GAS LINE EASEMENT; THENCE S 59° 42' 37" W, ALONG SAID RIGHT OF WAY LINE,
A DISTANCE OF 4562.22 FEET TO THE WEST BOUNDARY OF SECTION 7, TOWNSHIP 35 SOUTH,
RANGE 19 EAST; THENCE N 00° 21' 28" W, ALONG SAID WEST BOUNDARY LINE OF SAID
SECTION 7, TO THE S.W. CORNER OF SECTION 6, TOWNSHIP 35 SOUTH, RANGE 19 EAST;
THENCE N 00° 15' 23" E, ALONG WEST BOUNDARY OF SAID SECTION 6, A DISTANCE OF
5287.19 FEET TO THE N.W. CORNER OF SAID SECTION 6; THENCE N 89° 14' 58" W, ALONG
SOUTH BOUNDARY OF SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST, A DISTANCE OF
784.48 FEET TO THE POINT OF BEGINNING, LYING AND BEING IN MANATEE COUNTY, FLORIDA.

SUBJECT TO PERTINENT EASEMENTS, RIGHTS OF WAY AND RESTRICTIONS OF RECORD.

CONTAINING 740.20 ACRES, MORE OR LESS.

- NOTES:
1. BEARINGS ARE RELATED TO FOUND MONUMENTATION ALONG THE
EAST BOUNDARY OF SECTION 18, TOWNSHIP 35 SOUTH, RANGE
19 EAST, SHOWN AS N 00° 34' 50" E, AND ARE RELATED TO
D.O.T. MAP SECTION 13075 2402
 2. PROPERTY IS LOCATED IN FLOOD ZONE "C" AS SHOWN ON F.T.R.M.
PANEL NO. 120133-0352B.
 3. THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A
CURRENT TITLE REPORT OR ABSTRACT AND THEREFORE DOES
NOT NECESSARILY INDICATE ALL ENCUMBRANCES ON THE PROPERTY.
 4. PROPERTY IS ACCESSIBLE FROM LENA ROAD VIA LANDFILL
CURRENTLY OWNED BY MANATEE COUNTY.

- LEGEND
- - CONCRETE MONUMENT FOUND
 - - LIGHTWOOD POST FOUND
 - - IRON PIPE FOUND
 - - CONCRETE MONUMENT SET

BOUNDARY SURVEY
OF
MANATEE COUNTY LANDFILL
IN
SEC 31 TWP 34 S., RGE 19 E. &
SEC 6&7, TWP 35 S., RGE 19 E.
MANATEE COUNTY, FLORIDA
FOR: MANATEE COUNTY

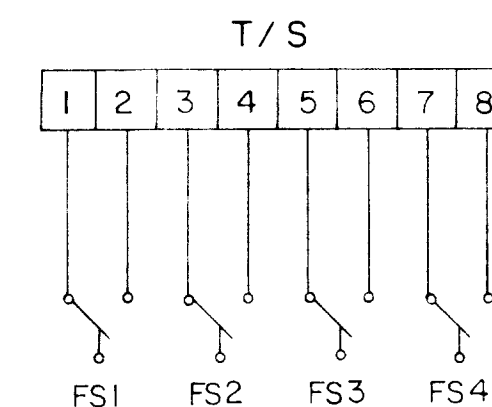
REVISIONS	
1	
2	
3	
4	
5	
6	
7	

DESIGNED: M.V. CHECKED: 17 DATE: 10/1/90
DRAWN: GGS. COMP. JOB NO. 485-0186-134
SCALE: 1"=500'
SHEET 2 OF 12



**SEWAGE PUMP STATION
DETAILS**

**METER VAULT & ELECTRICAL
DETAILS**



- | | |
|----------|--|
| MAIN CB | MAIN CIRCUIT BREAKER |
| CCB | CONTROL CIRCUIT BREAKER |
| REC CB | RECEPTACLE CIRCUIT BREAKER |
| PM | PHASE MONITOR |
| LA | LIGHTNING ARRESTOR |
| XFMR | TRANSFORMER |
| F | FUSE |
| FS | FLOAT SWITCH |
| H | HORN |
| ASR | ALARM SILENCER |
| FL | FLASHER |
| AL | ALARM LIGHT |
| ALT | ALTERNATOR |
| ETM | ELAPSE TIME METER |
| OL | THERMAL OVERLOAD |
| T/S | TERMINAL STRIP |
| G/R | GENERATOR RECEPTACLE |
| REC CBWP | WEATHERPROOF RECEPTACLE
CIRCUIT BREAKER |

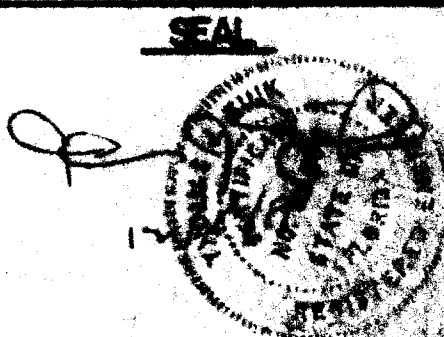
ALL EQUIPMENT FURNISHED FOR THE
PUMP STATION SHALL CONFORM TO
MANATEE COUNTY PUBLIC WORKS DEPT.
STANDARDS



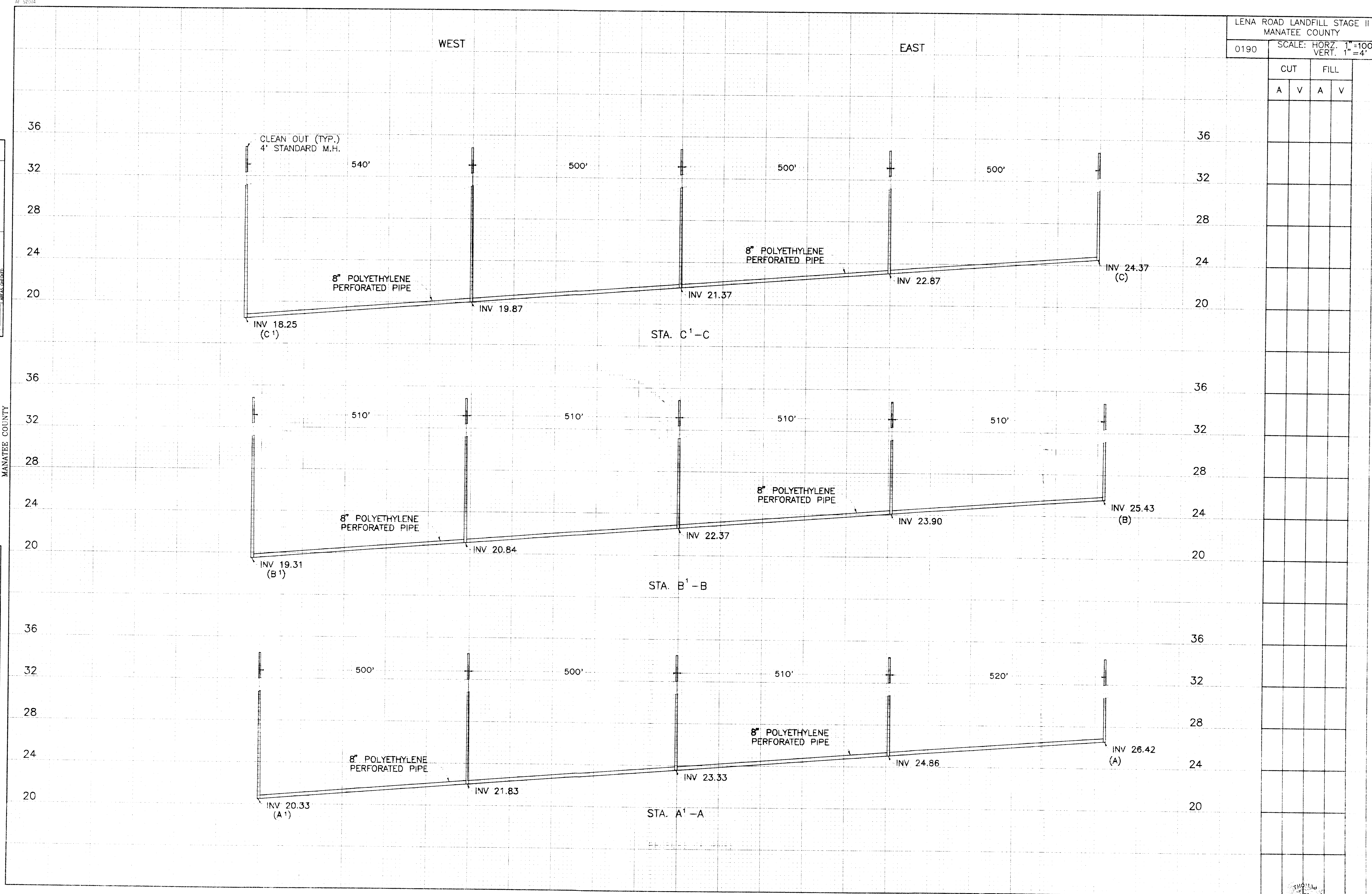
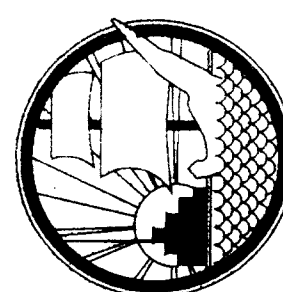
1. SEE THIS SHEET FOR ELECTRICAL DETAILS.
2. POWER TO BE SUPPLIED AS DIRECTED BY THE F. P. & L. COMPANY INCORPORATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH PROVIDING TEMPORARY AND PERMANENT ELECTRICAL SERVICE.
3. ALL CONDUIT ENTERING THE CONTROL PANEL SHALL HAVE SEALING LOCKNUTS.
4. ALL PVC CONDUIT SHALL BE SCHEDULE 80.
5. CONTROL AND FLOW METER ENCLOSURE TO BE NEMA 4X WITH RAIN SHIELD.

REVISION		DATE
	BY	DATE
SURVEYED		
DESIGNED	T. J. Z.	11-1-8
DRAWN	V. M.	11-1-8
CHECKED		

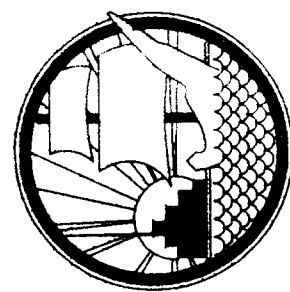
FILE NO. :
PROJECT NO. : 485-0190-534
VERTICAL SCALE : N.T.S.
HORIZONTAL SCALE : N.T.S.



US 20-B



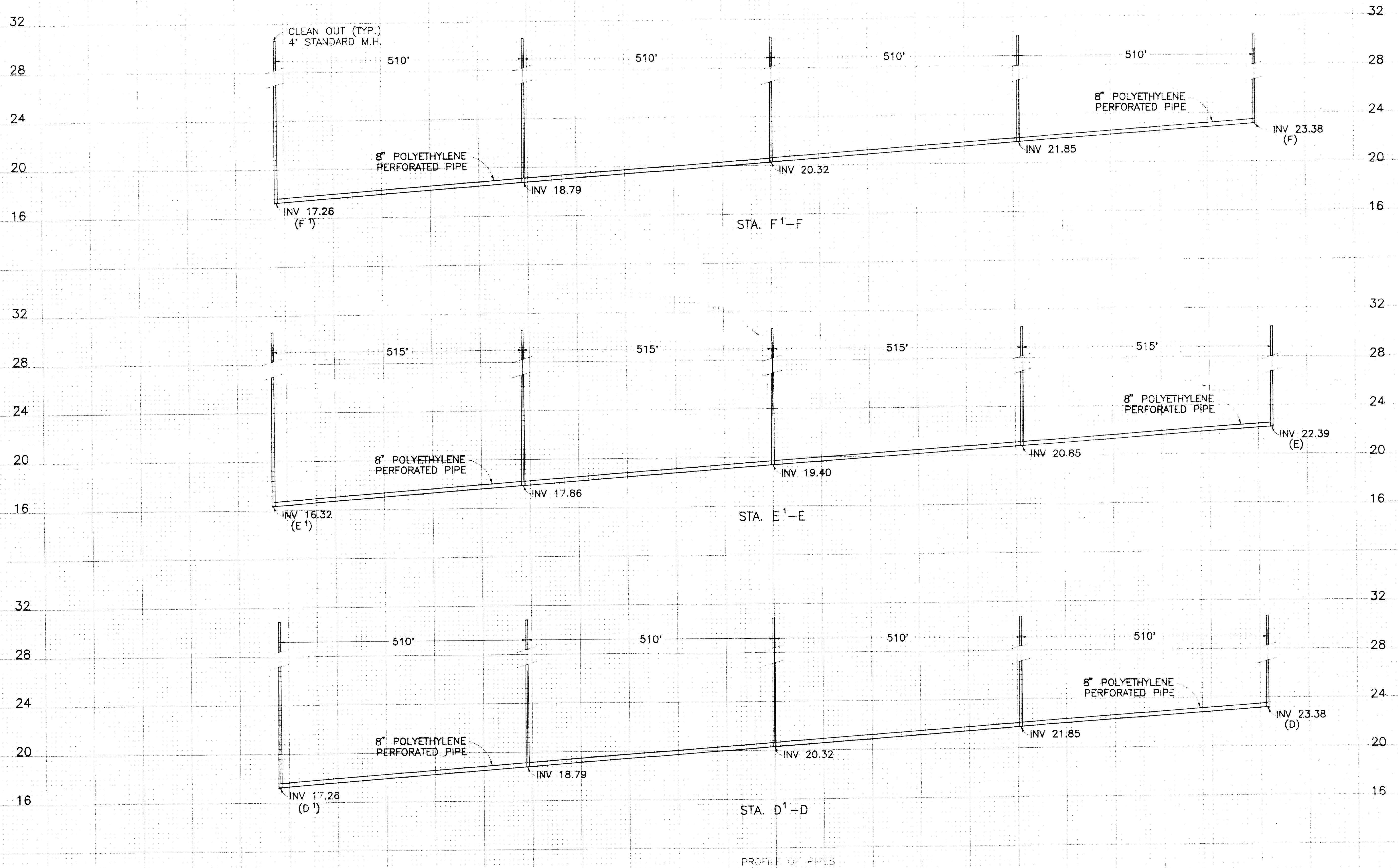
DATE	BY	REVIEWED	DATE
SUBMITTED		DATE	
NOTED		DATE	
NO.		DATE	



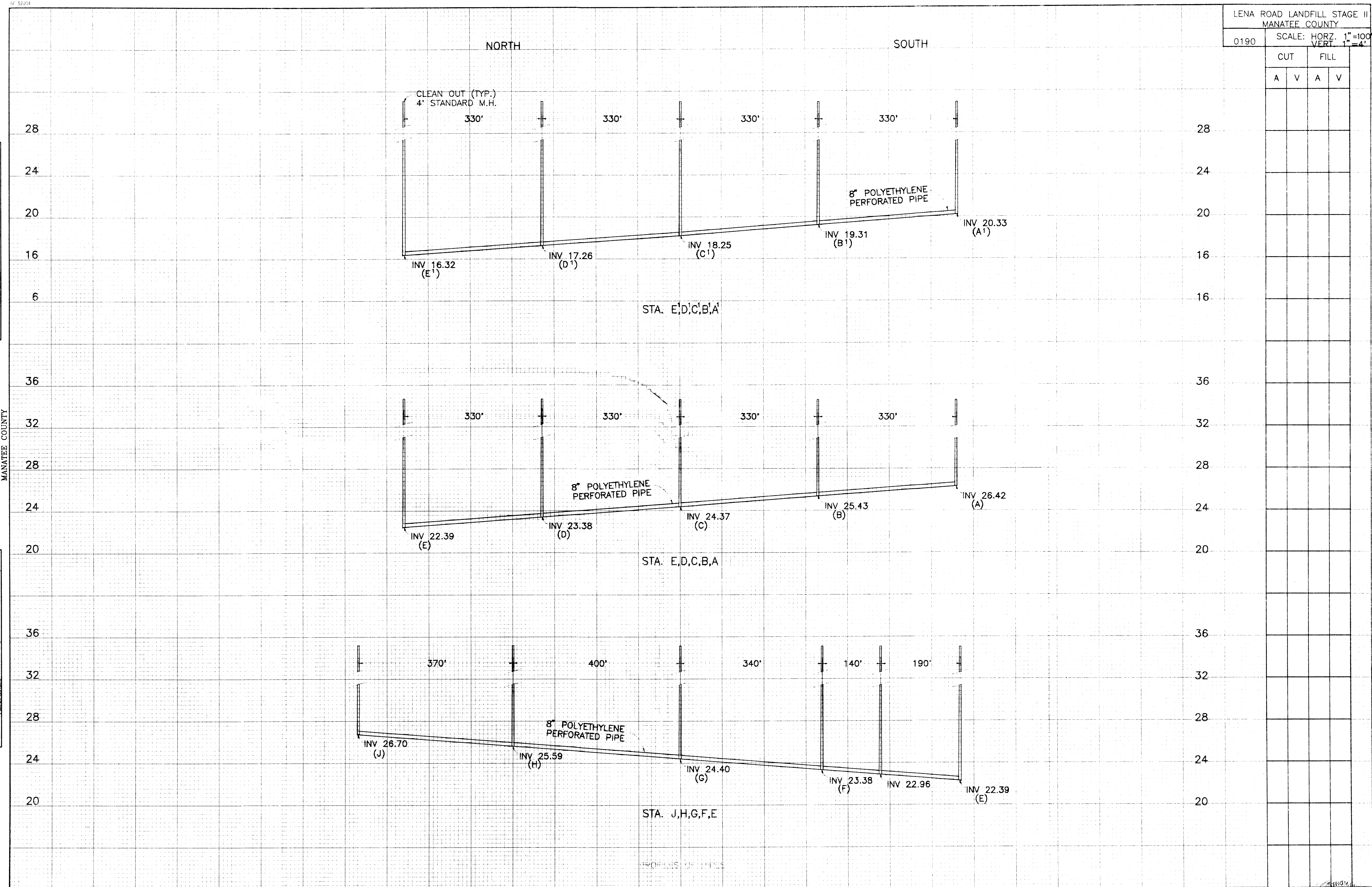
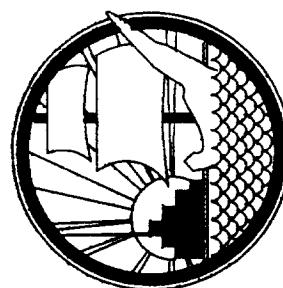
DATE	BY	REVIEWED	DATE
SUBMITTED		DATE	
NOTED		DATE	
NO.		DATE	

LENA ROAD LANDFILL STAGE II
MANATEE COUNTY
0190 SCALE: HORZ. 1"=100'
VERT. 1"=4'

CUT		FILL	
A	V	A	V

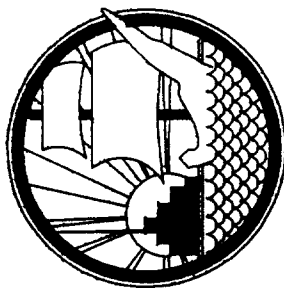


PROFILE OF PIPES

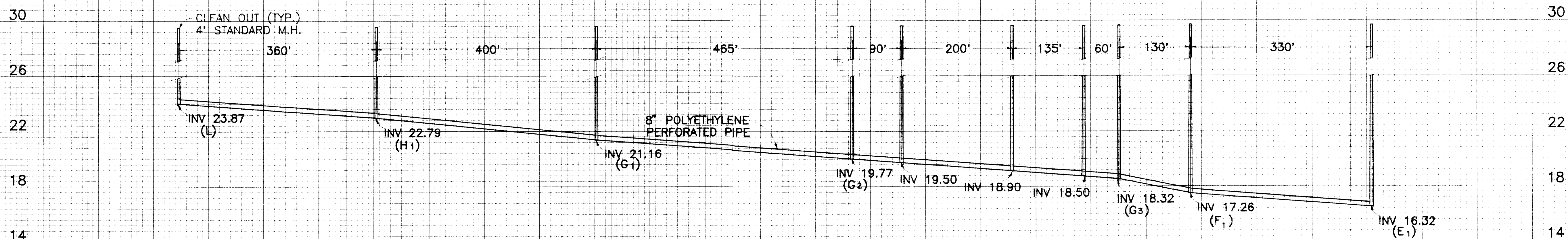


[illegible]

ORIGINAL SURVEY	REVISED FLATTED	BY CHOCOE	DATE 5-9-6
NOTEBOOK	TEMPLATE		
NO. 35-2a	AREAS		
	AREAS OBTAINED		



MANATEE COUNTY



STA. L, H₁, G₁, G₂, G₃, F₁, E₁.

PROFILES CHARTING