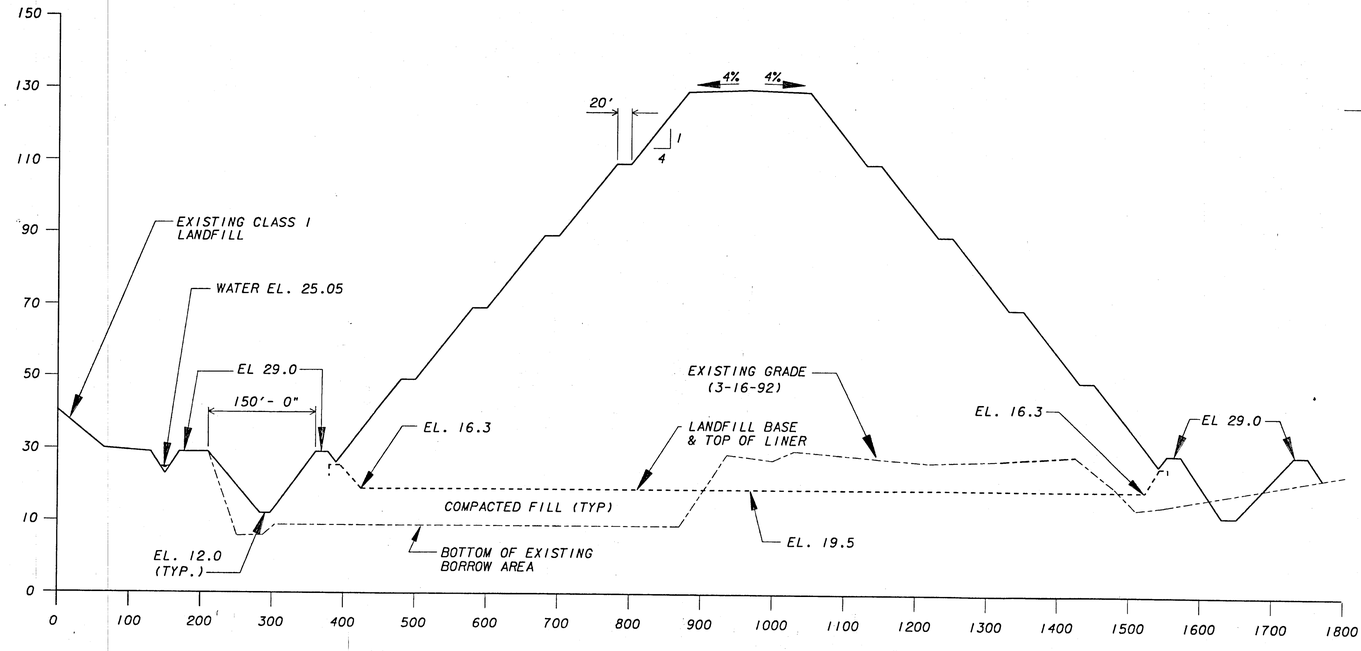
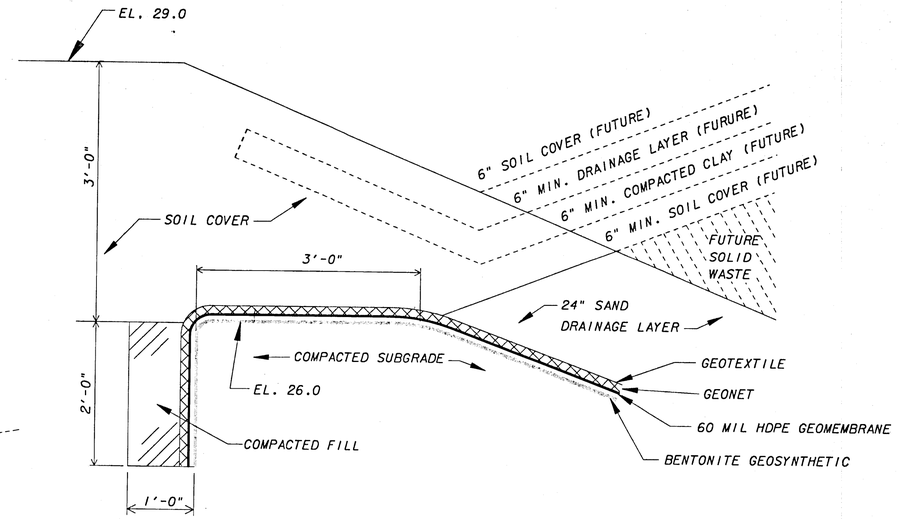


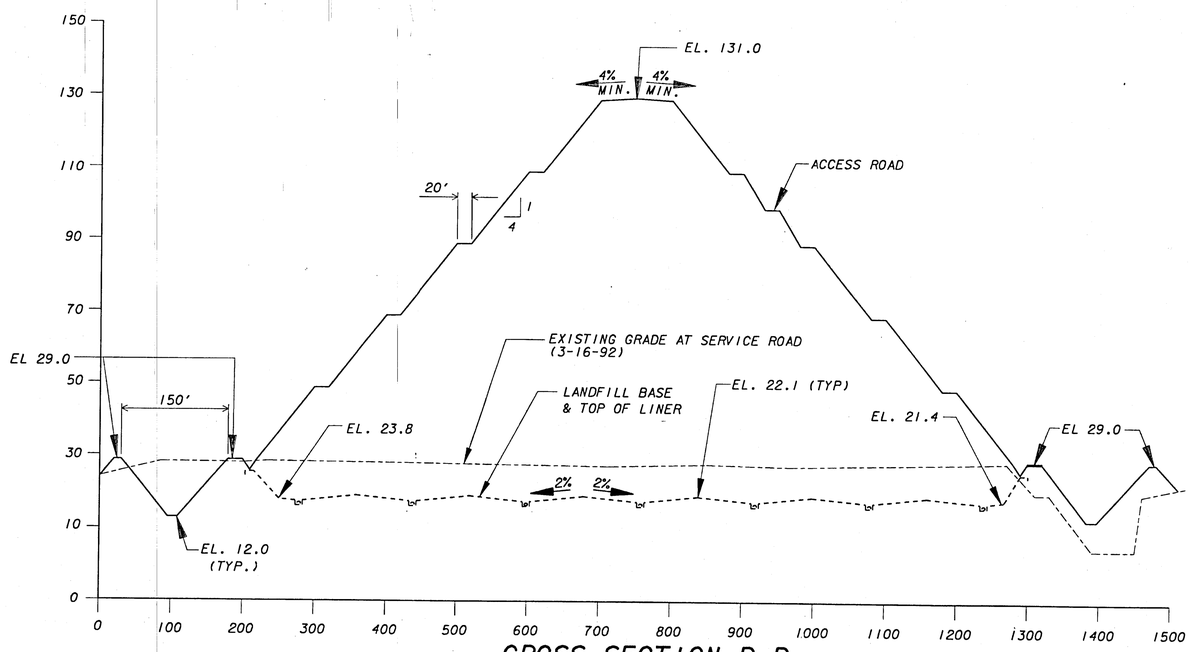
CROSS SECTION A-A

SCALE: 1"=100' HORIZONTAL
1"=20' VERTICAL



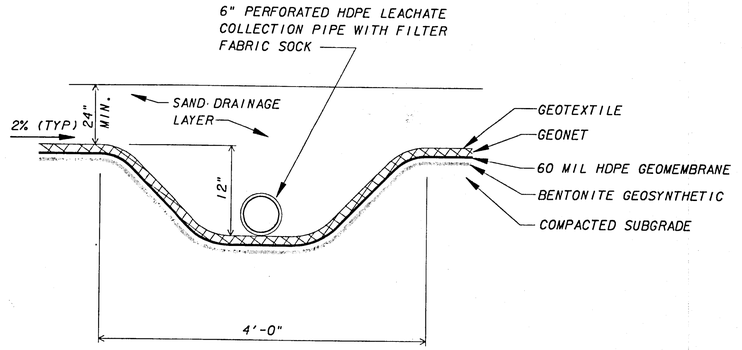
LANDFILL ANCHOR TRENCH DETAIL

NOT TO SCALE



CROSS SECTION B-B

SCALE: 1"=100' HORIZONTAL
1"=20' VERTICAL



LANDFILL LEACHATE LATERAL COLLECTION DETAIL

NOT TO SCALE

REV. NO.	DATE	REVISION	BY

ENGINEER:

ACCEPTED:

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Bailey, Wild and Associates, Inc.

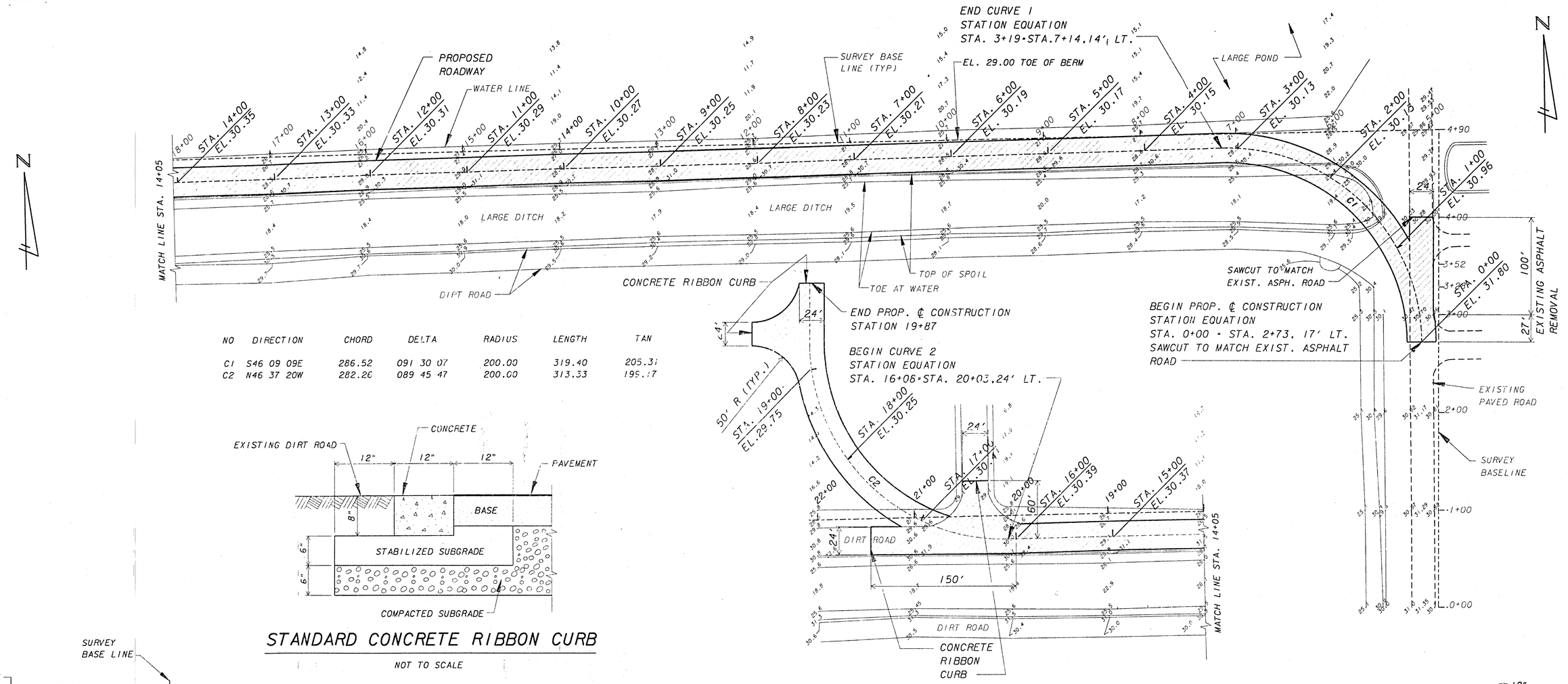
20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION
CROSS SECTIONS
VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO. 92067-6	8-18-92
DRAWN	DMP	DATE: AUG. 1992	SHEET NO. 7 OF 14
CHECKED	LAP	SCALE: AS SHOWN	FILE NO. P-401

BAILEY, WILD AND ASSOCIATES

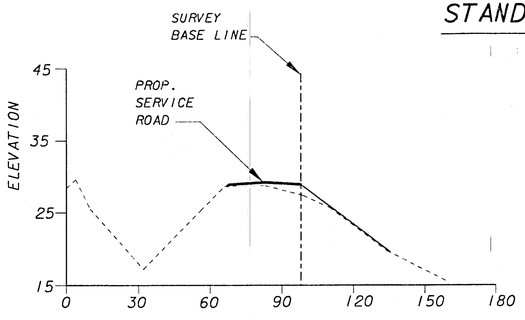
PAT=QS1: (40,2111211006, DATE=27-JUL-92, TIME=15: 11: 08 !



NO	DIRECTION	CHORD	DELTA	RADIUS	LENGTH	TAN
C1	S46 09 09E	286.52	091 30 07	200.00	319.40	205.31
C2	N46 37 20W	282.26	089 45 47	200.00	313.33	199.17

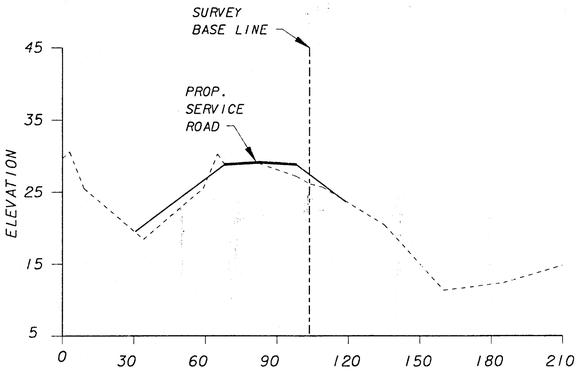
STANDARD CONCRETE RIBBON CURB

NOT TO SCALE



STATION 4+00

SCALE: 1"=30' HORIZ.
1"=10' VERT.

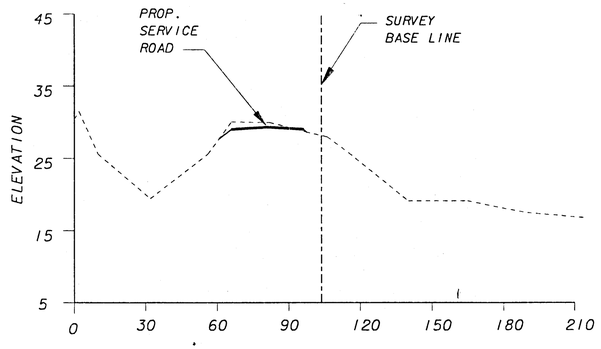


STATION 12+00

SCALE: 1"=30' HORIZ.
1"=10' VERT.

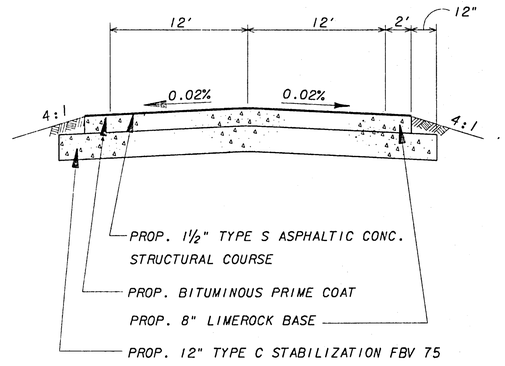
PROPOSED SERVICE ROAD

SCALE: 1"=50'



STATION 15+00

SCALE: 1"=30' HORIZ.
1"=10' VERT.



TYPICAL PAVEMENT SECTION

SCALE: NONE

ENGINEER:

ACCEPTED:

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Bailey, Wild and Associates, Inc.

20 Aug 92

REV. NO.	DATE	REVISION	BY

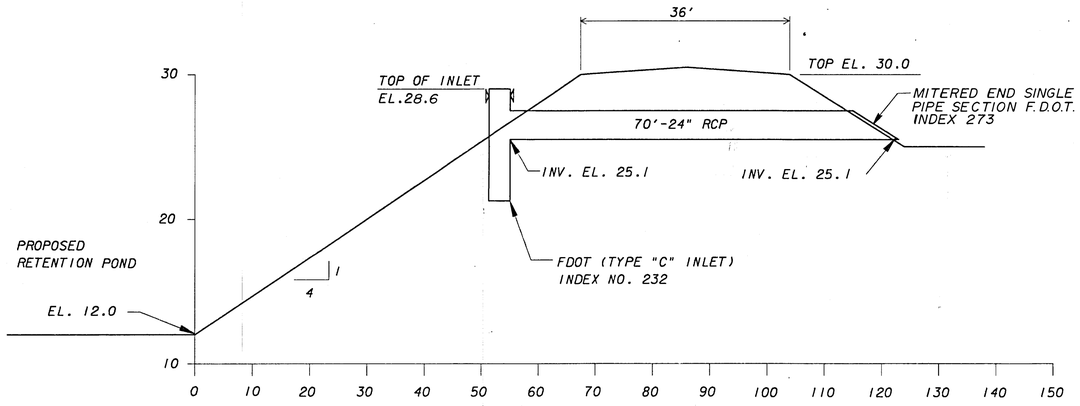
TOMOKA FARMS ROAD LANDFILL EXPANSION
SERVICE ROAD-PLAN, SECTIONS & DETAILS
VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO. 92067-6	
DRAWN	DMP	DATE: AUG. 1992	SHEET NO. 8 OF 14
CHECKED	LAP	SCALE: AS SHOWN	FILE NO. P-401

STATUS	ACTION DATE
	8-18-92

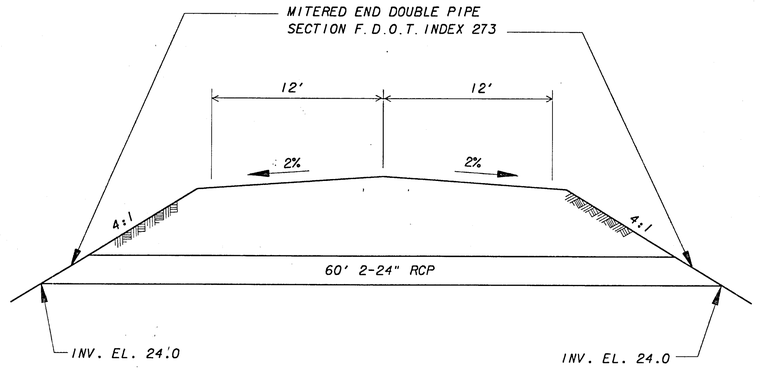
BAILEY, WILD AND ASSOCIATES

PRF-GS1: [40,211]211013, DATE=19-AUG-92, TIME=07:23:49



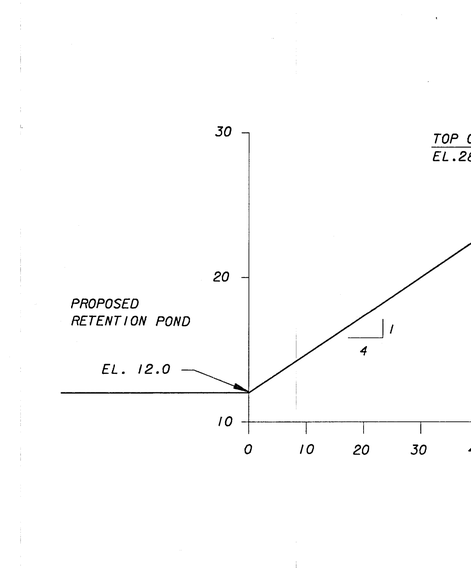
EMERGENCY OUTFALL SECTION

NOT TO SCALE



TYPICAL CROSS DRAIN PIPE SECTION

NOT TO SCALE



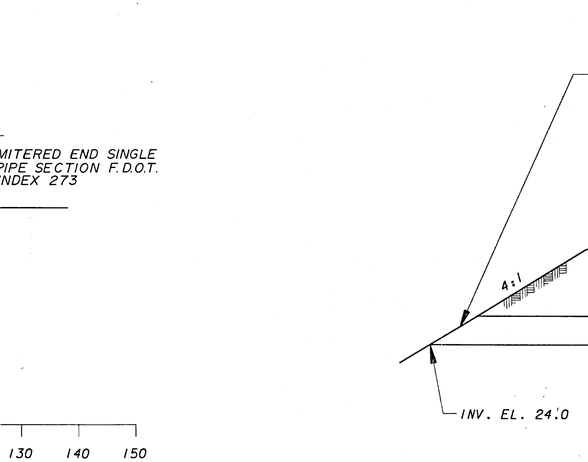
SKIMMER & INLET SECTION

NOT TO SCALE

RECOMMENDED MAX. PIPE SIZE:
2'- 0" WALL - 18" PIPE
3'- 1" WALL - 24" PIPE

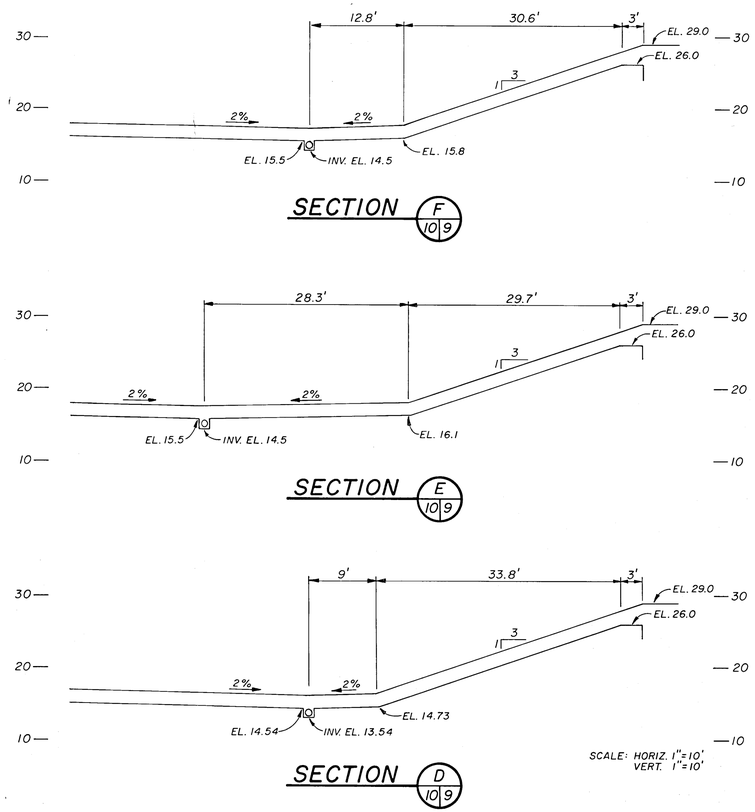
TYPE "C" INLET DETAIL

NOT TO SCALE



SUMP BOTTOM DETAIL

NOT TO SCALE



SECTION F 10|9

SECTION E 10|9

SECTION D 10|9

SCALE: HORIZ. 1"=10'
VERT. 1"=10'

REV. NO.	DATE	REVISION	BY

ENGINEER:

ACCEPTED:

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Briley, Wild and Associates, Inc.

20 Aug 92

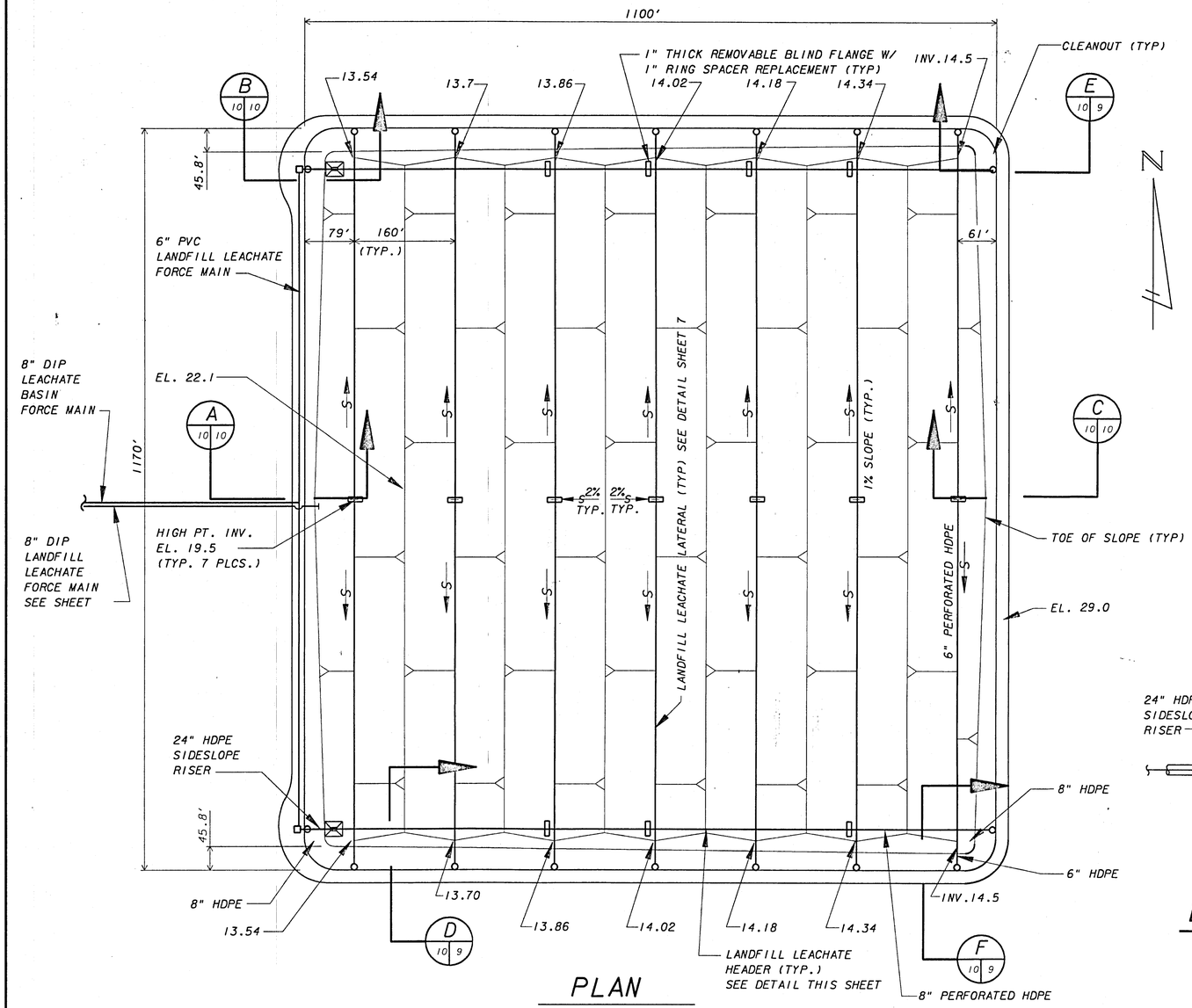
TOMOKA FARMS ROAD LANDFILL EXTENSION
DRAINAGE PLAN AND DETAILS
VOLUSIA COUNTY, FLORIDA

DESIGNED	MD	PROJ. NO. 92067-6	
DRAWN	DMP	DATE: AUG. 1992	SHEET NO. 9 OF 14
CHECKED	LAP	SCALE: AS SHOWN	FILE NO. P-401

STATUS	ACTION DATE
	8-18-92

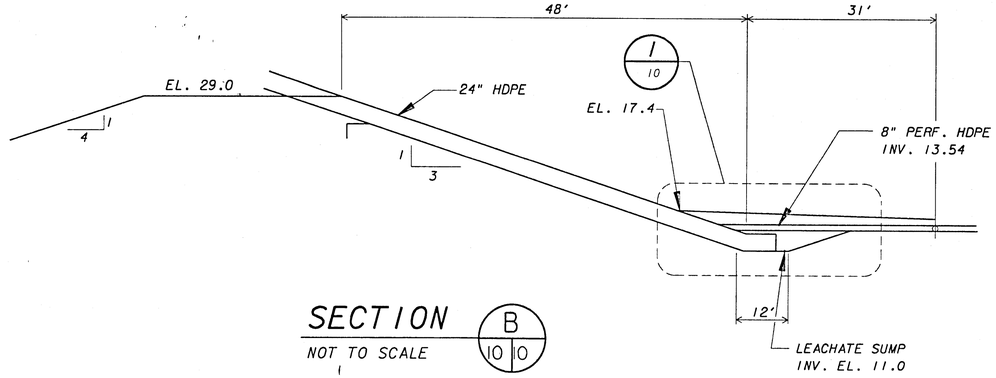
BRILEY, WILD AND ASSOCIATES

PRF=GS1: (40,211)211016, DATE=27-JUL-92, TIME=14:06:34



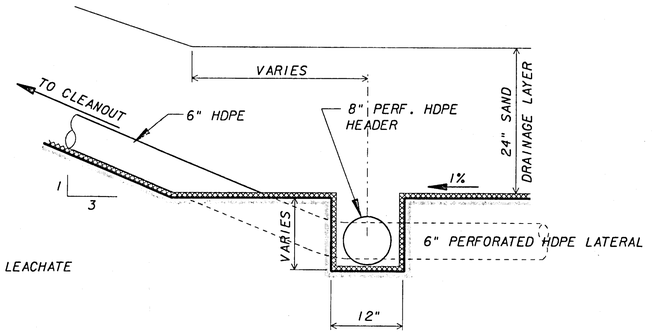
PLAN

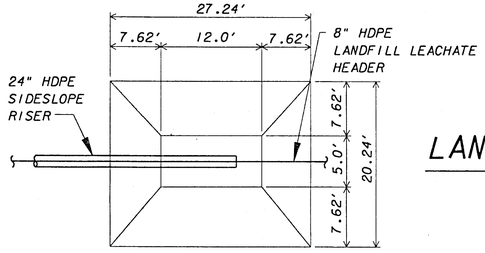
SCALE: 1" = 100'



SECTION B 10 10

NOT TO SCALE

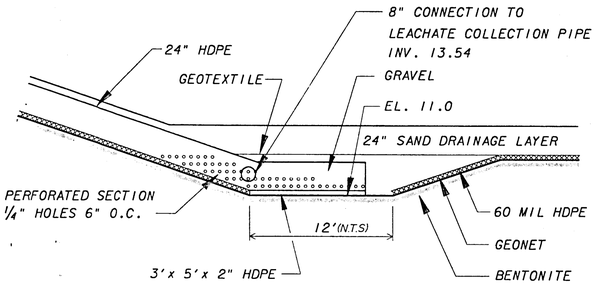




LANDFILL LEACHATE HEADER DETAIL

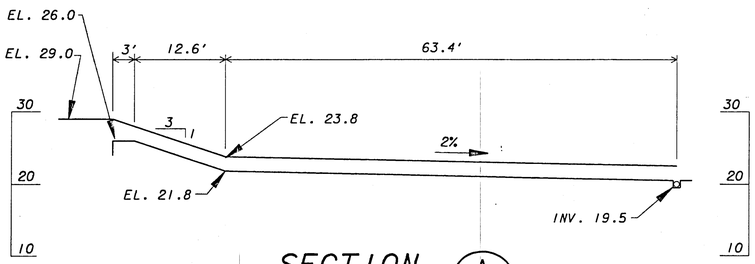
LEACHATE SUMP PLAN

NOT TO SCALE



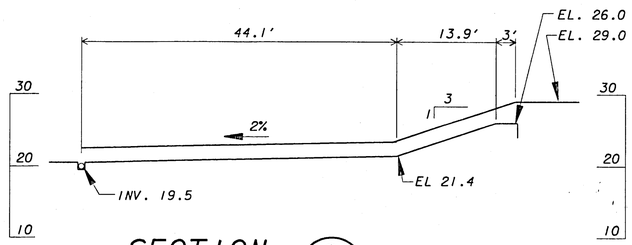
LEACHATE SUMP DETAIL I 10

SCALE: 1" = 5'



SECTION A 10 10

SCALE: 1" = 10'



SECTION C 10 10

SCALE: 1" = 10'

REV. NO.	DATE	REVISION	BY

ENGINEER:

ACCEPTED:

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20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION

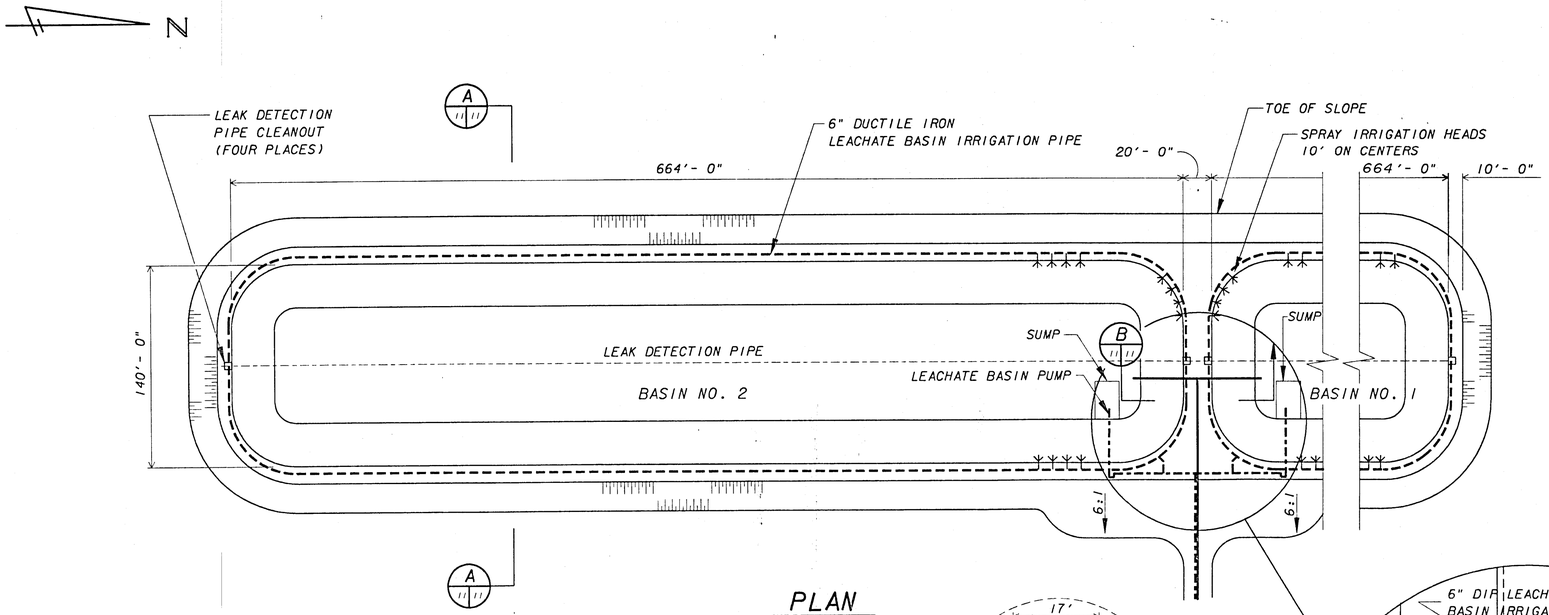
LEACHATE COLLECTION SYSTEM PLAN AND DETAILS

VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO. 92067-6	STATUS: ACTION DATE 8-18-92
DRAWN	RAP	DATE: AUG. 1992	SHEET NO. 10 OF 14
CHECKED	LAP	SCALE: AS SHOWN	FILE NO. P-401

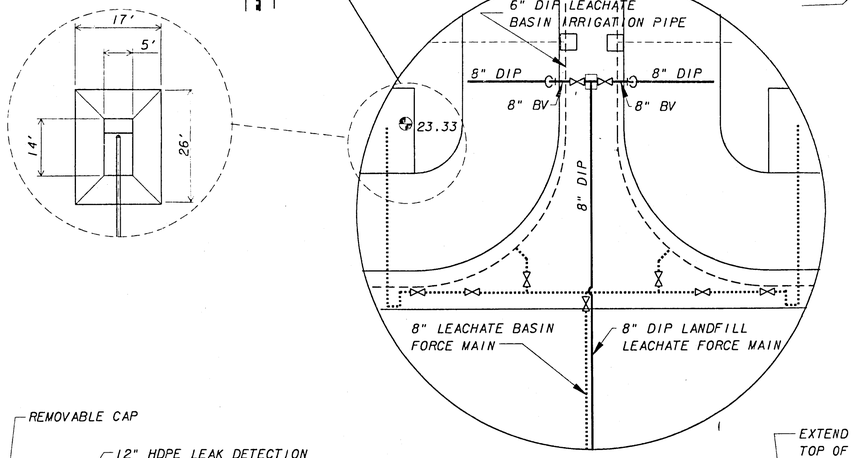
BRILEY, WILD AND ASSOCIATES

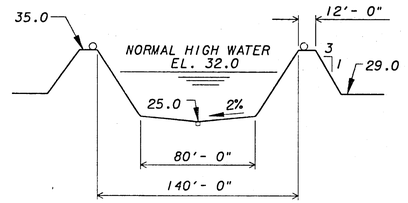
PRF=GS1: (40,211)211003, DATE=18-AUG-92, TIME=07:32:58 !



PLAN

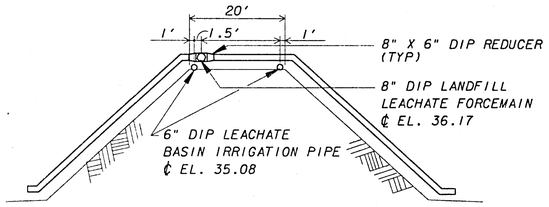
SCALE: 1"=50'





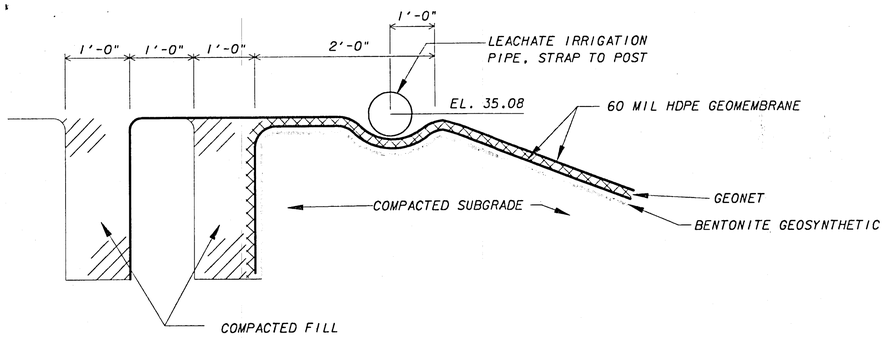
SECTION A

SCALE: 1"=50' HORIZ
1"=10' VERT.



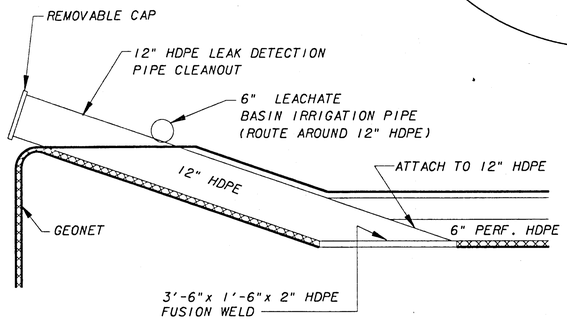
SECTION B

SCALE: 1"=30' HORIZ
1"=10' VERT.



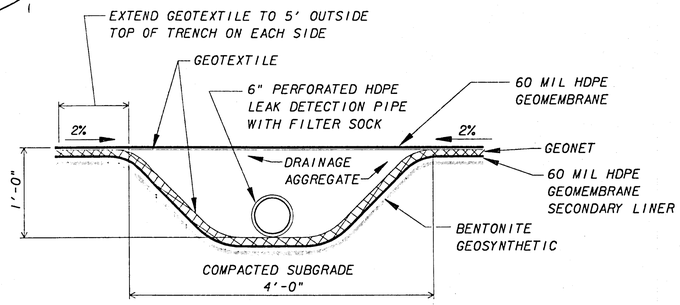
LEACHATE PIPE ANCHOR DETAIL

NOT TO SCALE



LEAK DETECTION PIPE CLEANOUT DETAIL

NOT TO SCALE



LEACHATE BASIN LINER DETAIL

NOT TO SCALE

NOTE:
ALL MJ DIP TO BE
INSTALLED WITH RESTRAINED JOINTS

REV. NO.	DATE	REVISION	BY

ENGINEER:
ACCEPTED:
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20 Aug 92

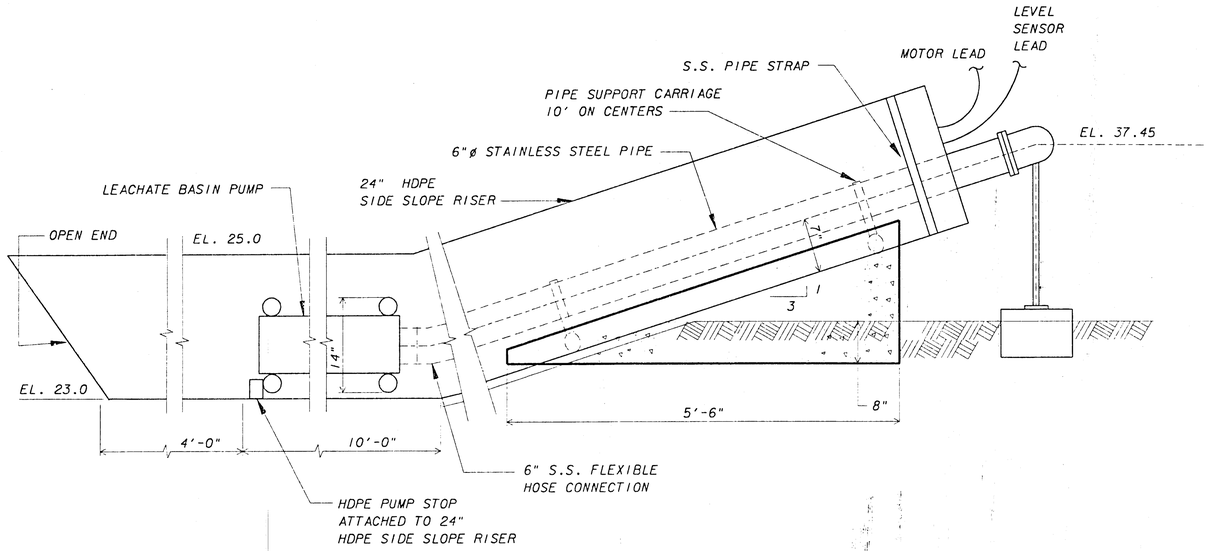
TOMOKA FARMS ROAD LANDFILL EXPANSION
LEACHATE STORAGE BASIN-PLAN & DETAILS
VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO. 92067-6	
DRAWN	DMP	DATE: AUG. 1992	
CHECKED	LAP	SCALE: AS SHOWN	

STATUS	ACTION DATE
	8-18-92
SHEET NO. 11 OF 14	
FILE NO. P-401	

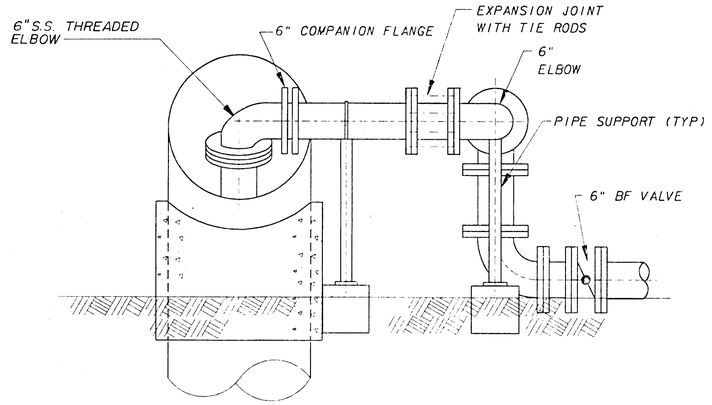
BRILEY, WILD AND ASSOCIATES

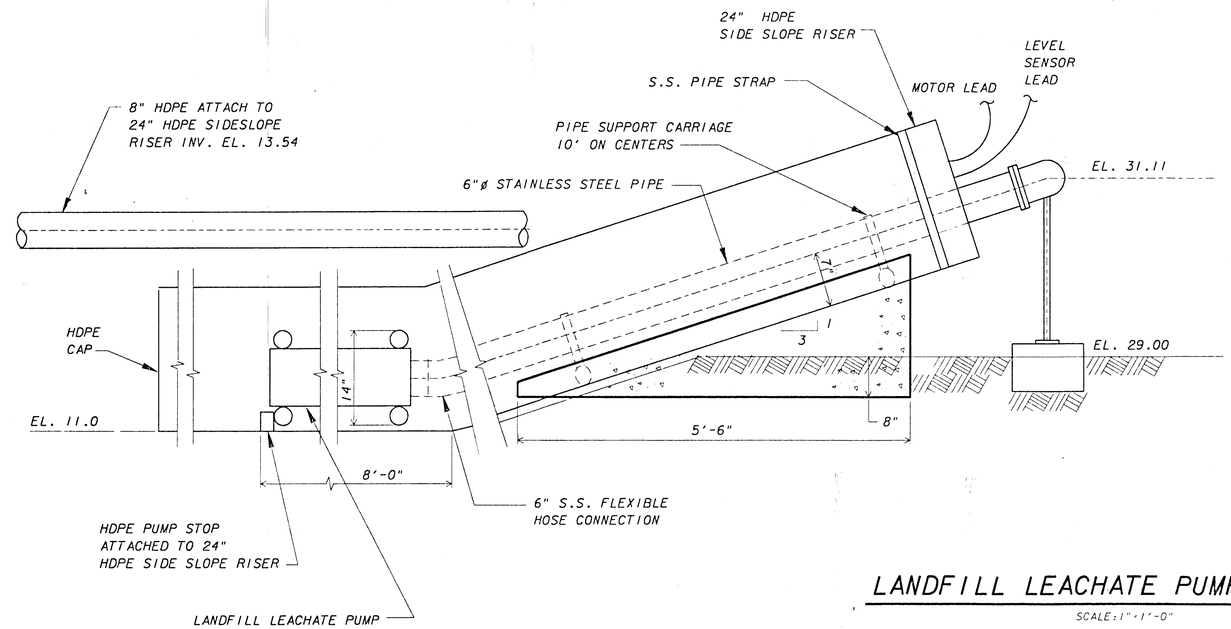
PRF=GS1: (40,2111211007, DATE=18-AUG-92, TIME=09:05:49 !



LEACHATE BASIN PUMP STATION

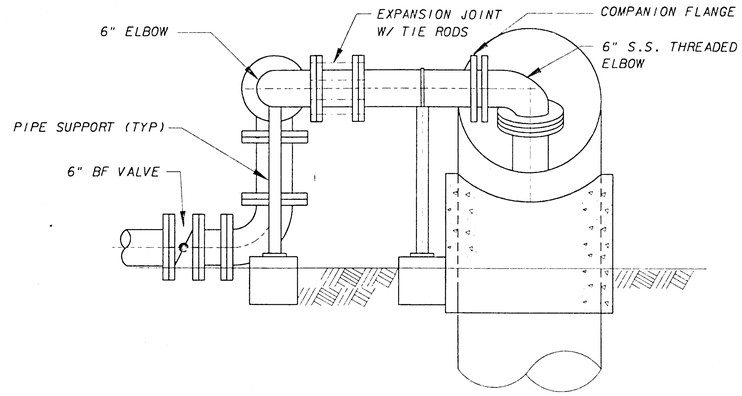
SCALE: 1" = 1'-0"





LANDFILL LEACHATE PUMP STATION

SCALE: 1" = 1'-0"



REV. NO.	DATE	REVISION	BY

ENGINEER:

ACCEPTED:

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20 Aug 92

TOMOKA FARMS ROADS LANDFILL EXPANSION
PUMP STATION DETAILS
VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO	92067-6E
DRAWN	DMP	DATE:	AUG. 1992
CHECKED	LAP	SCALE:	AS SHOWN

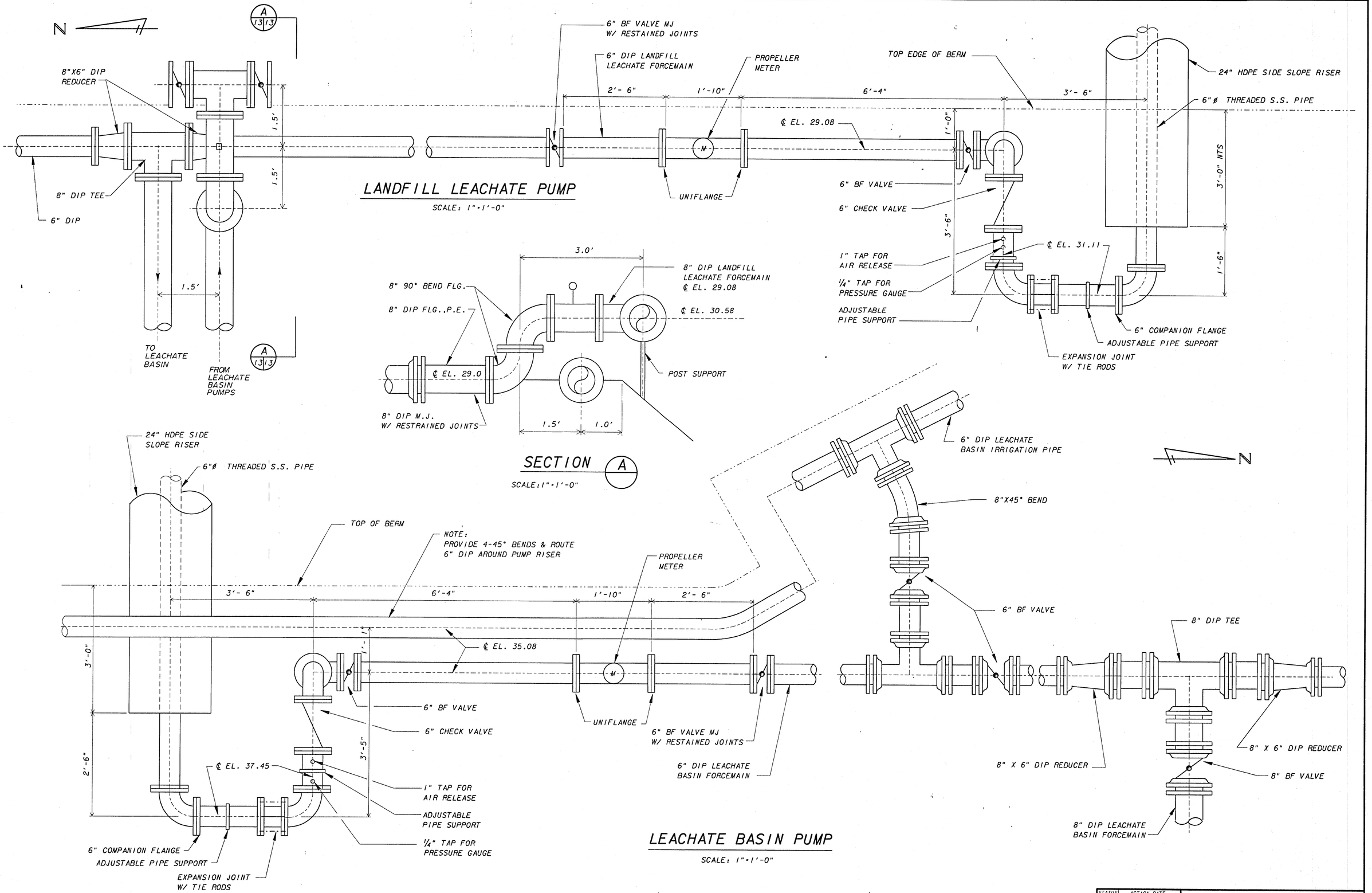
STATUS	ACTION DATE
	8-18-92

SHEET NO. 12 OF 14

FILE NO. P-401

BRILEY, WILD AND ASSOCIATES

PRF=951: (40,211)21012, DATE=18-AUG-92, TIME=07: 41: 27 !



REV. NO.	DATE	REVISION	BY

ENGINEER:

ACCEPTED:

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Briley, Wild and Associates, Inc.

20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION

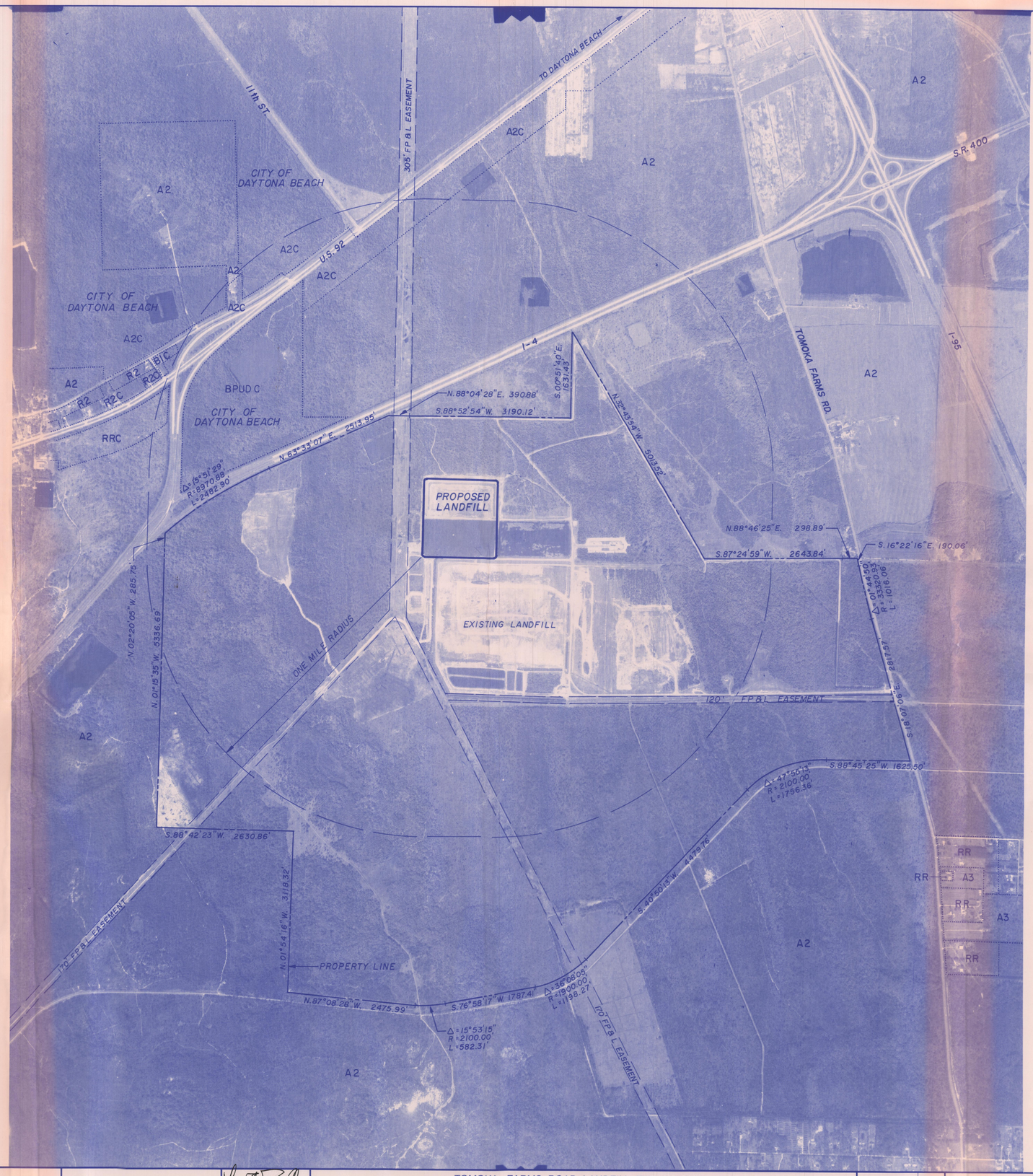
SITE PIPING DETAILS

VOLUSIA COUNTY, FLORIDA

DESIGNED	ARB	PROJ. NO. 92067-6	STATUS: ACTION DATE 8-18-92
DRAWN	DMP	DATE: AUG. 1992	SHEET NO. 13 OF 14
CHECKED	LAP	SCALE: AS SHOWN	FILE NO. P-401

BRILEY, WILD AND ASSOCIATES

PRF=GS1: (40, 211)211015, DATE=18-AUG-92, TIME=07:54:02 !



N

ALL ZONING WITHIN ONE MILE RADIUS IS A2 EXCEPT AS NOTED.

MAPPED BY AEROMAP, US, INC. FROM PHOTOGRAPHY DATED 3-8-92 FOR BRILEY WILD & ASSOCIATES.
THE VERTICAL DATUM IS NGVD 29.
THE HORIZONTAL DATUM IS FLORIDA STATE PLANE-EAST ZONE, NAD 83/90 ADJ.
THIS MAP CONFORMS TO NATIONAL MAP STANDARDS OF ACCURACY AS RELATED TO THE PROJECT PHOTO CONTROL.
THE VERTICAL ACCURACY IS APPROXIMATELY ONE HALF OF THE CONTOUR INTERVAL SHOWN IN ANY GIVEN AREA ON THE MAP. CONTOURS IN VEGETATIVE AREAS ARE LIKELY TO BE LESS ACCURATE.

REV. NO.	DATE	REVISION	BY

ENGINEER:
ACCEPTED:
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Leslie Powell 20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION
AERIAL PHOTO
VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO.	92067-6
DRAWN	SGO	DATE:	AUG. 1992
CHECKED	LAP	SCALE:	1" = 1000'

8-18-92

SHEET NO. 2 OF 14
FILE NO. P-401

BRILEY, WILD AND ASSOCIATES

I-4

I-95

TOMOKA FARMS ROAD

N

BORROW AREA

FORMER BORROW AREA
W.S. = 24.7

FORMER BORROW AREA
W.S. = 25.2

TIRE & WHITE GOODS STORAGE AREA

SLUDGE BASIN #1

SLUDGE BASIN #2

SLUDGE BASIN #3

EXISTING CLASS I LANDFILL

FORMER LANDFILL AREA

YARD TRASH

HOLDING PONDS

RECYCLING

FENCE

ENTRANCE ROAD

SCALE HOUSE

OFFICE & MAINTENANCE FACILITY

Dense Trees

SW-1 SW-2 SW-3 SW-4 SW-5

B-1 B-1B B-2 B-3 B-3B B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11

FA2-C FA-1B MO5B

LEGEND

SW-1 SURFACE WATER SAMPLING LOCATION

B-11 MONITORING WELL

MAPPED BY AEROMAP US, INC. FROM PHOTOGRAPHY DATED 3-16-92 FOR BRILEY WILD & ASSOCIATES.
THE VERTICAL DATUM IS NGVD 29.
THE HORIZONTAL DATUM IS FLORIDA STATE PLANE-EAST ZONE, NAD 83/90 ADJ.
THIS MAP CONFORMS TO NATIONAL MAP STANDARDS OF ACCURACY AS RELATED TO THE PROJECT PHOTO CONTROL.
THE VERTICAL ACCURACY IS APPROXIMATELY ONE HALF OF THE CONTOUR INTERVAL SHOWN IN ANY GIVEN AREA ON THE MAP. CONTOURS IN VEGETATIVE AREAS ARE LIKELY TO BE LESS ACCURATE.

N 1,750,000 N 1,746,000 N 1,744,000 N 1,742,000

E 624,000 E 626,000 E 628,000 E 630,000 E 632,000 E 634,000

REV NO.	DATE	REVISION	BY

ENGINEER

ACCEPTED

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20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION

EXISTING SITE PLAN

VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO.	92067-6
DRAWN	DMP	DATE	AUG. 1992
CHECKED	JWC	SCALE	1" = 400'

STATUS	ACTION DATE
	8-18-92

SHEET NO. 3 OF 14

FILE NO. P-401

BRILEY, WILD AND ASSOCIATES

PROPOSED BORROW AREA

PROPOSED LEACHATE BASINS

PROPOSED LANDFILL

W.S. = 25.2

PROPOSED ENTRANCE ROAD

I-95

TOMOKA FARMS ROAD

ENTRANCE ROAD

Dense Trees

N

MAPPED BY AEROMAP, US, INC. FROM PHOTOGRAPHY DATED 3-16-92 FOR BRILEY WILD & ASSOCIATES.
THE VERTICAL DATUM IS NGVD 29.
THE HORIZONTAL DATUM IS FLORIDA STATE PLANE-EAST ZONE, NAD 83/90 ADJ.
THIS MAP CONFORMS TO NATIONAL MAP STANDARDS OF ACCURACY AS RELATED TO THE PROJECT PHOTO CONTROL.
THE VERTICAL ACCURACY IS APPROXIMATELY ONE HALF OF THE CONTOUR INTERVAL SHOWN IN ANY GIVEN AREA ON THE MAP. CONTOURS IN VEGETATIVE AREAS ARE LIKELY TO BE LESS ACCURATE.

REV NO	DATE	REVISION	BY

ENGINEER

ACCEPTED

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Briley, Wild and Associates, Inc.

Lee D. Powell
20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION

PROPOSED DEVELOPMENT

VOLUSIA COUNTY FLORIDA

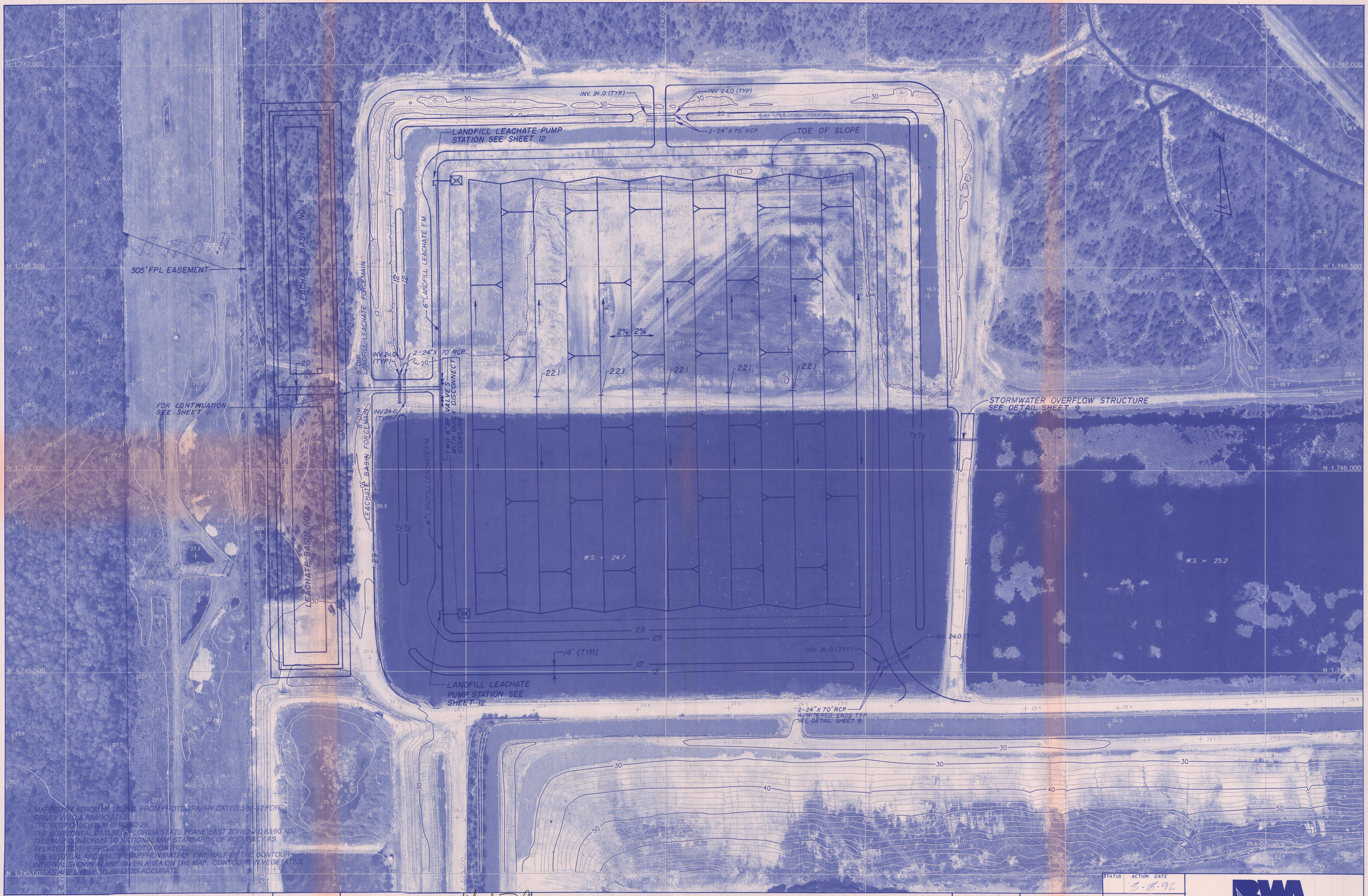
DESIGNED	LAP	PROJ NO.	92067-6
DRAWN	DMP	DATE	AUG. 1992
CHECKED	LAP	SCALE	1" = 400'

STATUS	ACTION DATE
	8-18-92

SHEET NO. 4 OF 14

FILE NO. P-401

BRILEY, WILD AND ASSOCIATES



MAPPED BY AEROMAP US,INC. FROM PHOTOGRAPHY DATED 3-16-92 FOR BRILEY WILD & ASSOCIATES.
THE VERTICAL DATUM IS NGVD 29.
THE HORIZONTAL DATUM IS FLORIDA STATE PLANE EAST ZONE, N.A.D. 83/90 ADJ.
THIS MAP CONFORMS TO NATIONAL MAP STANDARDS OF ACCURACY AS RELATED TO THE PROJECT PHOTO CONTROL.
THE VERTICAL ACCURACY IS APPROXIMATELY ONE HALF OF THE CONTOUR INTERVAL SHOWN. IN ANY GIVEN AREA ON THE MAP. CONTOURS IN VEGETATIVE AREAS ARE LIKELY TO BE LESS ACCURATE.

REV. NO.	DATE	REVISION	BY

ENGINEER

ACCEPTED

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Lee A. Powell
20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION

PROPOSED INITIAL CONSTRUCTION

VOLUSIA COUNTY, FLORIDA

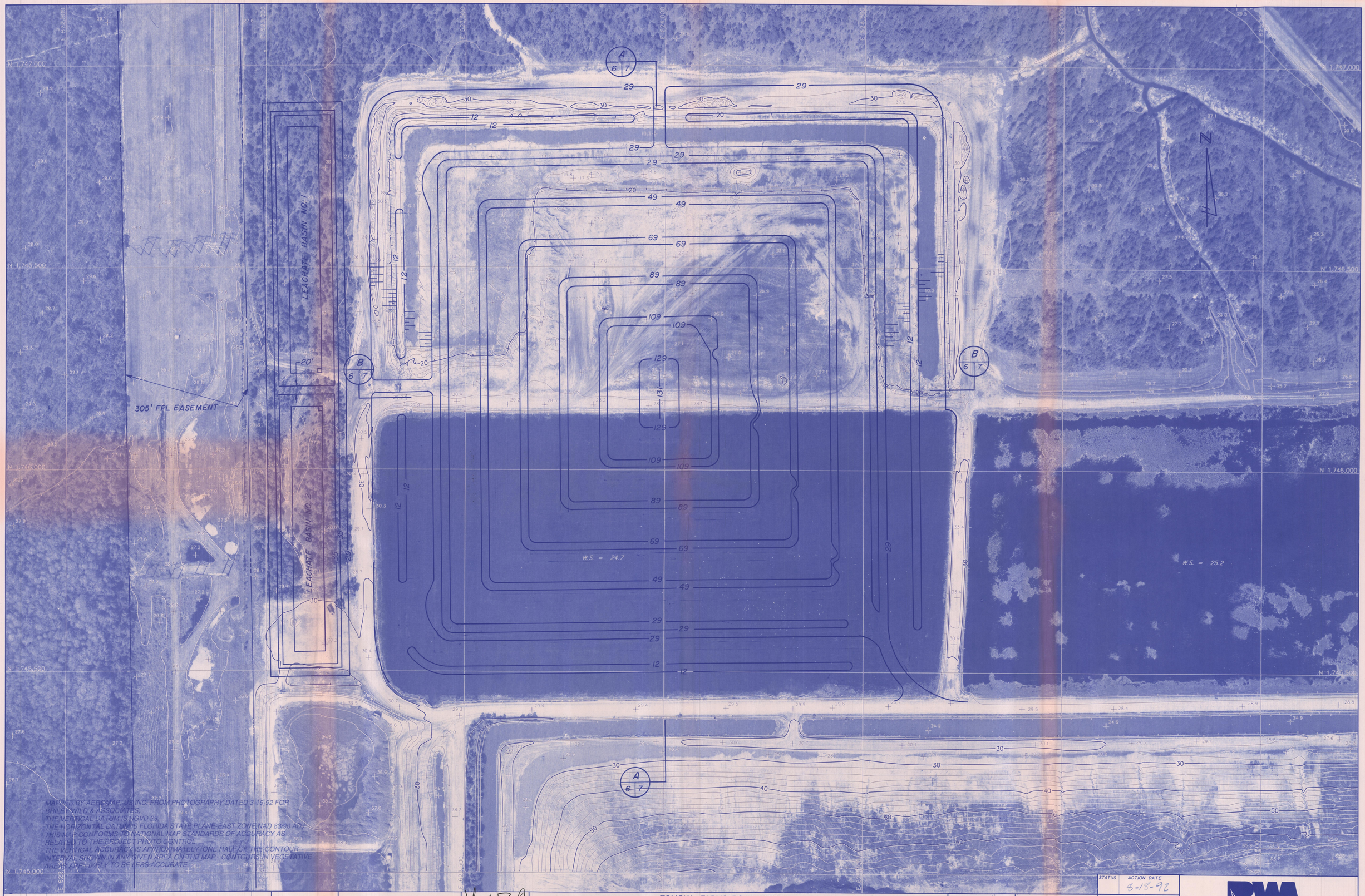
DESIGNED	LAP	PROJ. NO.	92067-6
DRAWN	RAP	DATE	AUG. 1992
CHECKED	LAP	SCALE	1"=100'

STATUS	ACTION DATE
	8-18-92

SHEET NO. 5 OF 14

FILE NO. P-401

BRILEY, WILD AND ASSOCIATES



MAPPED BY AERIMAP, U.S. INC. FROM PHOTOGRAPHY DATED 3-16-92 FOR BRILEY, WILD & ASSOCIATES.
THE VERTICAL DATUM IS NGVD 29.
THE HORIZONTAL DATUM IS FLORIDA STATE PLANE-EAST ZONE, NAD 83/90 ADJ.
THIS MAP CONFORMS TO NATIONAL MAP STANDARDS OF ACCURACY AS RELATED TO THE PROJECT PINTO CONTROL.
THE VERTICAL ACCURACY IS APPROXIMATELY ONE HALF OF THE CONTOUR INTERVAL SHOWN IN ANY GIVEN AREA ON THE MAP. CONTOURS IN VEGETATIVE AREAS ARE LIKELY TO BE LESS ACCURATE.

REV. NO.	DATE	REVISION	BY

ENGINEER

ACCEPTED

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20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION

PROPOSED FINAL CONTOURS

VOLUSIA COUNTY, FLORIDA

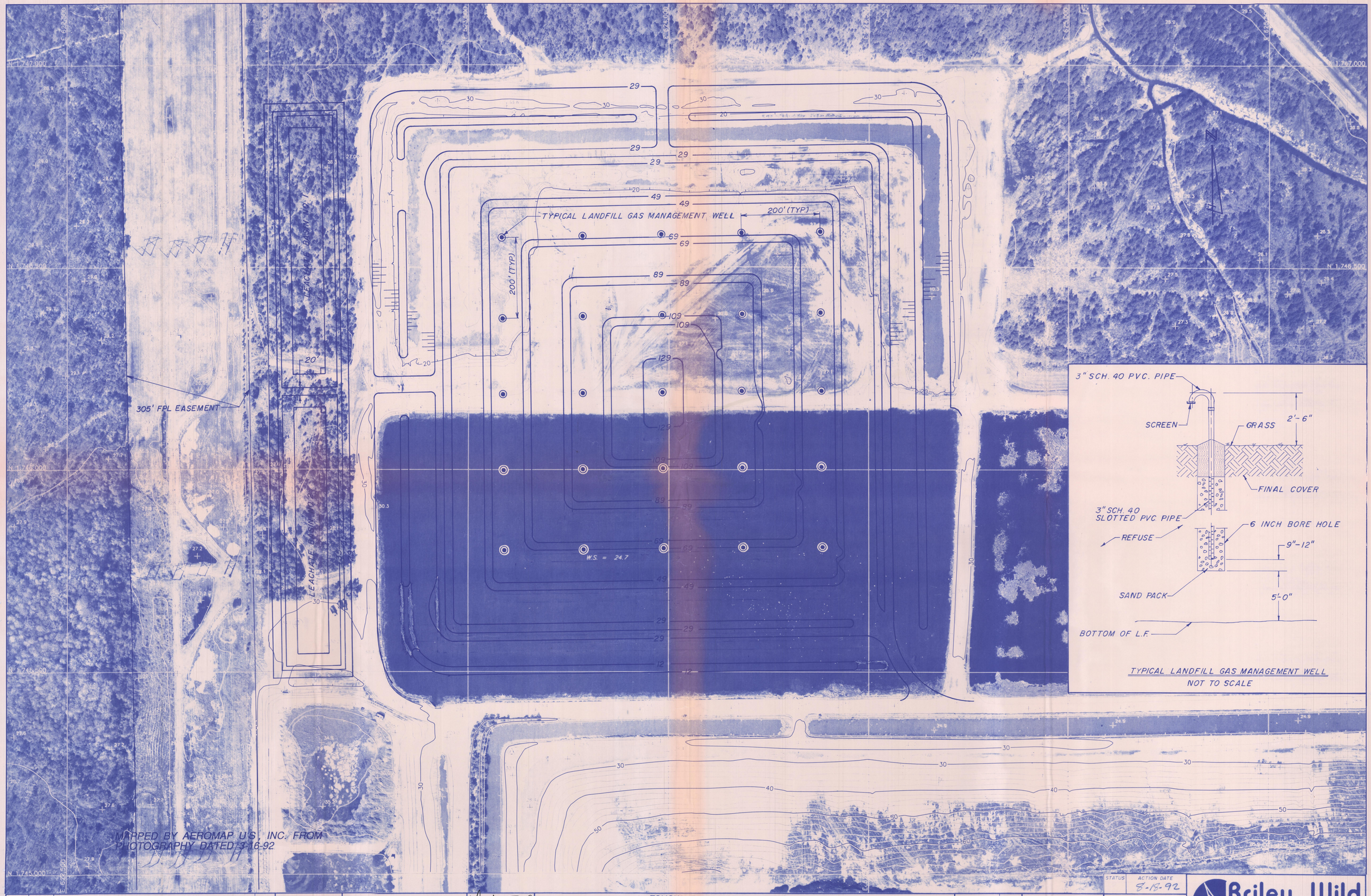
DESIGNED	LAP	PROJ. NO.	92067-6
DRAWN	DMP	DATE	AUG. 1992
CHECKED	LAP	SCALE	1" = 100'

STATUS	ACTION DATE
	8-13-92

SHEET NO. 6 OF 14

FILE NO. P-401

BRILEY, WILD AND ASSOCIATES



REV. NO.	DATE	REVISION DESCRIPTION	BY

ENGINEER:

ACCEPTED:

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Lee Powell 20 Aug 92

TOMOKA FARMS ROAD LANDFILL EXPANSION

GAS CONTROL PLAN

VOLUSIA COUNTY, FLORIDA

DESIGNED	LAP	PROJ. NO. 92067-6	
DRAWN	ESD	DATE: AUG. 1992	
CHECKED	JWC	SCALE: 1" = 100'	

STATUS | ACTION DATE: 8-18-92

SHEET NO. 14 OF 14

FILE NO. P-401

Briley, Wild and Associates
Consulting Engineers And Planners