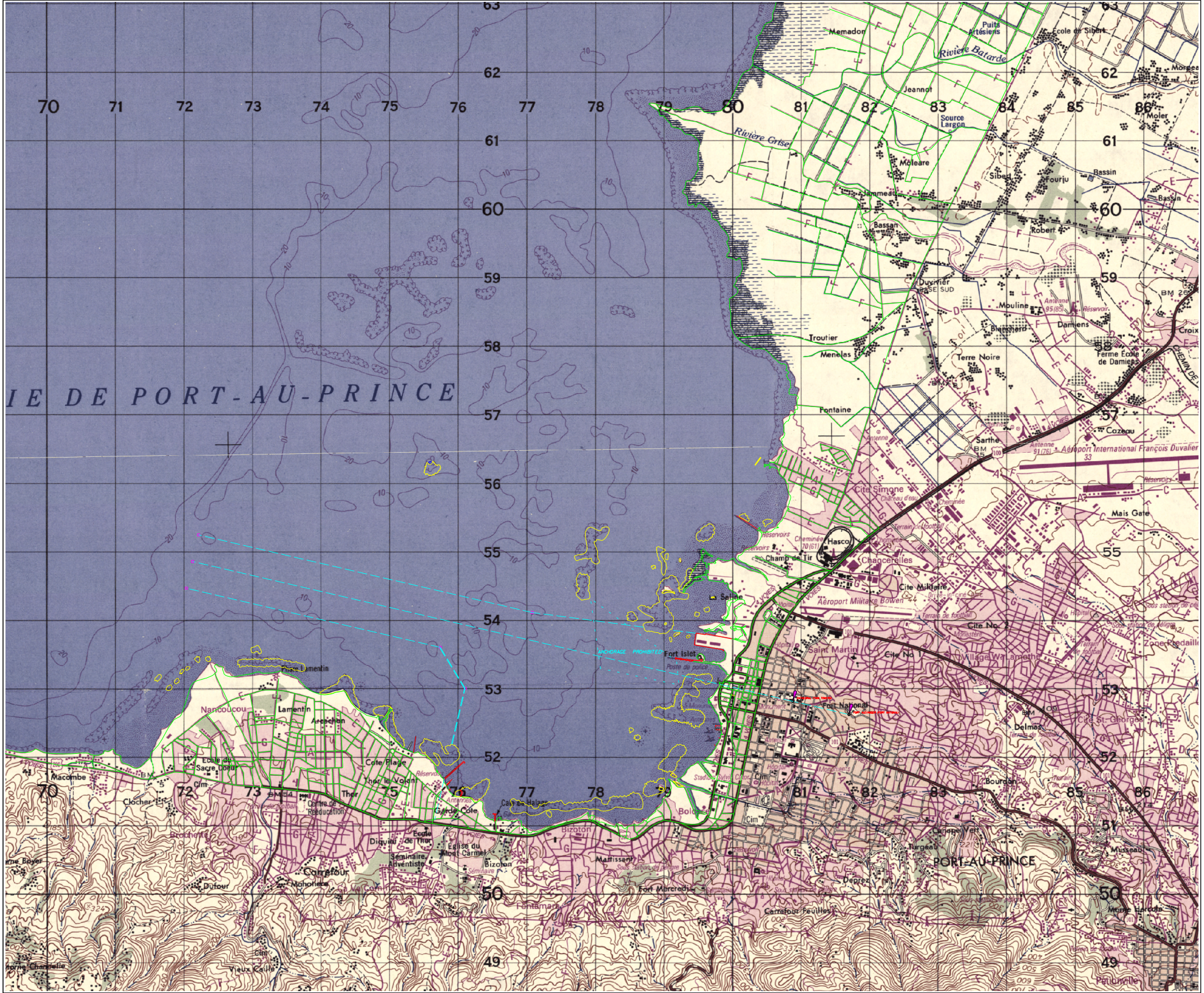


IE DE PORT-AU-PRINCE
Memadon
Puits Artésiens
Ecole de Sibert
Rivière Batarde
Jeannot
Source Largon
Rivière Grise
Moleare
Sibert
Fourju
Bassin
Jammeau
Bassan
Robert
Duvivier
Mouline
Damiens
Troutier
Menelas
Terre Noire
Ferme Ecole de Damiens
Fontaine
Sarthe
Cozeau
Aéroport International François Duvalier
Cite Simone
Mais Gate
Hasco
Champ de Tir
Chancerelles
Cite Militaire
Aéroport Militaire Bowen
Saline
Cite No. 2
Saint Martin
Cite No. 1
Village Wa Lamothe
Fort Islet
Poste de police
Fort National
Delmas
Cite St. Georges
Nancoucou
Lamentin
Arcachon
Cote Plage
Thor le Volant
Thor
Garde Cote
Bizoton
Bolosse
Cim
Bourdon
Canape Vert
Turgeau
PORT-AU-PRINCE
Musseau
Deprez
Carrefour Feuilles
Fort Mercredi
Fontamara
Mattissant
Bizoton
Eglise du Mont Carmel
Seminaire Adventiste
Diquiru
Ecole de Thor
Carrefour
Mohonece
Dufour
Vieux Caille
Macombe
Clocher
Brochette
Ecole du Sacre Coeur
Morne Chandelle
Petionville
Morne Hercule
Zone Predaille
Moler
Croix

SAFETY ON THIS JOB DEPENDS ON YOU

US Army Corps of Engineers

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

SURVEY NOTES:

1. REFER TO SURVEY NO. 96-C145.
2. ELEVATIONS ARE IN METERS AND DECIMETERS AND REFER TO MEAN LOWER LOW WATER WHICH IS 0.17 FEET BELOW MEAN SEA LEVEL.
3. ALL ELEVATIONS ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM PREDICTED TIDE TABLES FOR THE PORT-AU-PRINCE AREA.
5. COORDINATES SHOWN ARE BASED ON THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 18, AND ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING WITH THE BASE STATION LOCATED AT THE HAITIAN COAST GUARD BASE AT COE MONUMENT "GARDE COTIERE". VERTICAL MEASUREMENTS WERE MADE USING AN INNERSPACE MODEL 448 FATHOMETER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

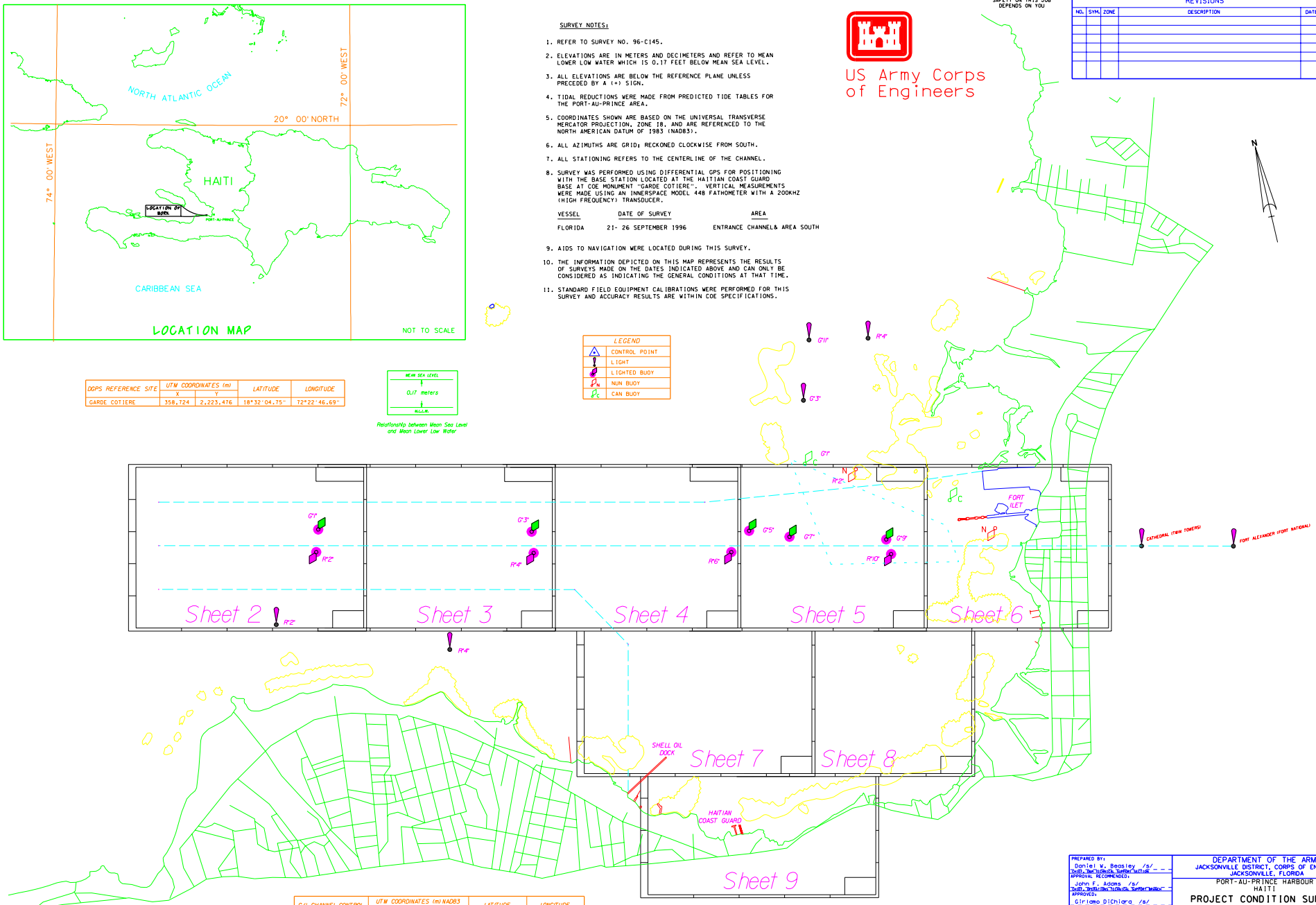
VESSEL	DATE OF SURVEY	AREA
FLORIDA	21- 26 SEPTEMBER 1996	ENTRANCE CHANNEL& AREA SOUTH

9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
11. STANDARD FIELD EQUIPMENT CALIBRATIONS WERE PERFORMED FOR THIS SURVEY AND ACCURACY RESULTS ARE WITHIN COE SPECIFICATIONS.

LEGEND
CONTROL POINT
LIGHT
LIGHTED BUOY
NUN BUOY
CAN BUOY

DGPS REFERENCE SITE	UTM COORDINATES (m) X	UTM COORDINATES (m) Y	LATITUDE	LONGITUDE
GARDE COTIERE	358,724	2,223,476	18°32'04.75"	72°22'46.69"

Relationship between Mean Sea Level and Mean Lower Low Water



C/L CHANNEL CONTROL	UTM COORDINATES (m) NAD83 X	UTM COORDINATES (m) NAD83 Y	LATITUDE	LONGITUDE
STA 0+00 (WEST END)	772,022.33	2,055,050.13	18°32'04.1510"	72°25'21.8274"
EAST END	780,787.72	2,053,008.59	18°32'56.6475"	72°20'24.1192"

PREPARED BY: Daniel W. Beasley /s/
APPROVAL RECOMMENDED: John F. Adams /s/
APPROVED: Girlamo Dichiara /s/

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL AND PORT AREA

COVER SHEET

DWN BY:	CKD. BY:	INV. NO.	SIZE	DRAWING NO.
FMW	WHR	DATED:	F	

SCALE: AS SHOWN DATED: SEPT 1996 SHEET 1 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$CONSPECIFICATION$$$$$$ $$$$$$$$STYMESS$$$$$

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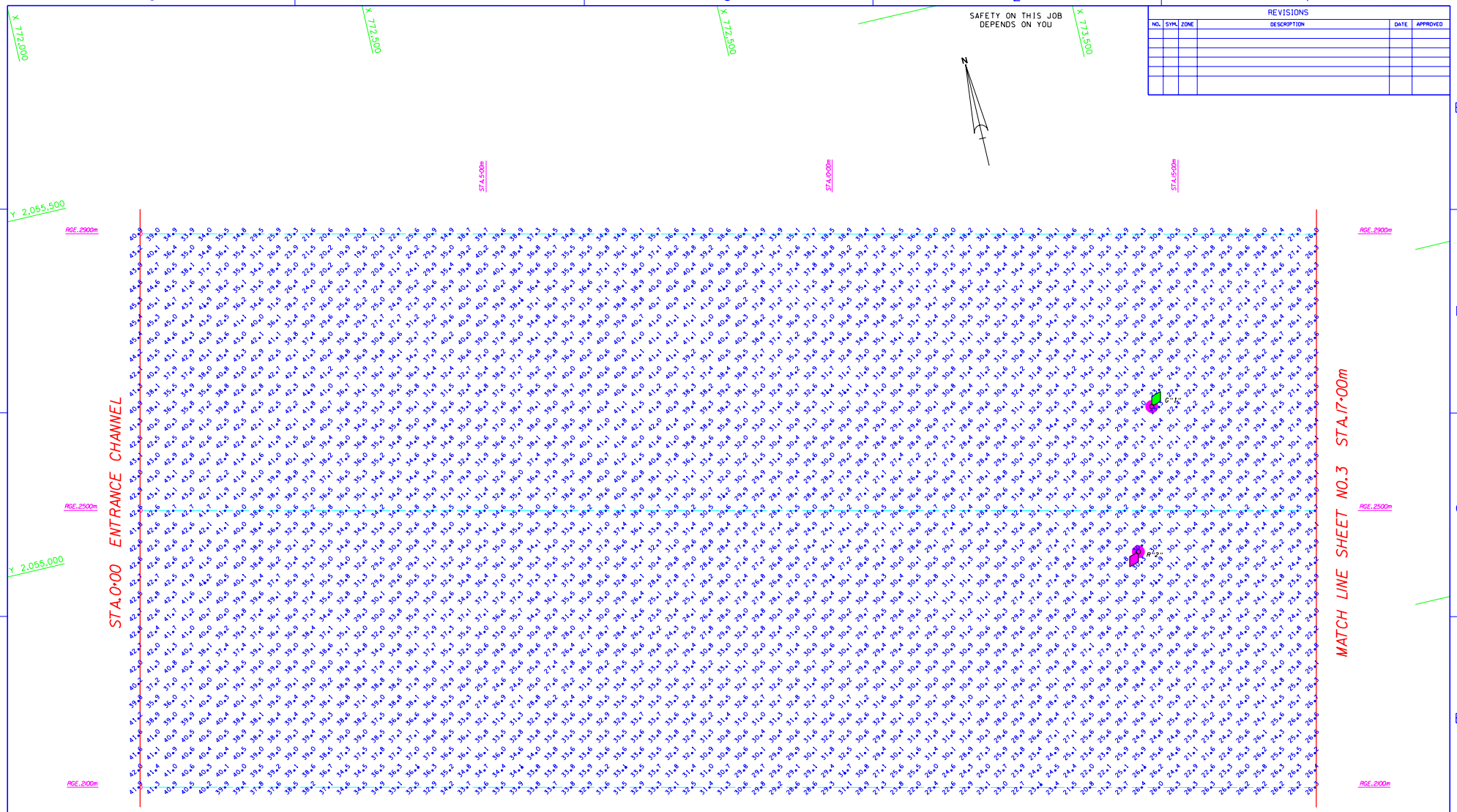


REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-1 (9/96)	773,480	2,054,865	18°34'00.46"	72°24'32.22"
LT. BUOY-2 (9/96)	773,414	2,054,665	18°33'53.98"	72°24'34.58"

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

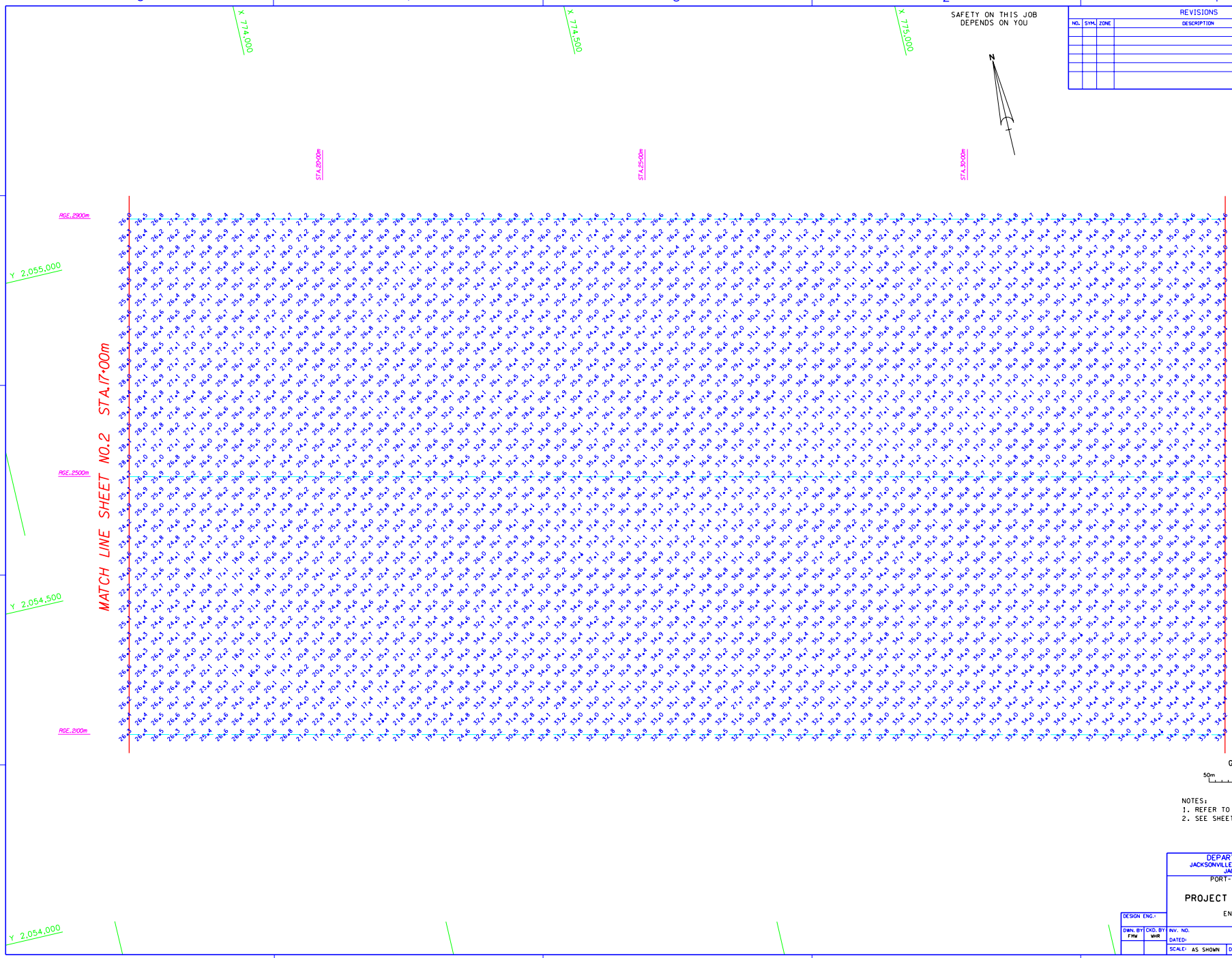
ENTRANCE CHANNEL

PLAN

DESIGN ENG.:
DWN. BY FMW | CKD. BY WHR | INV. NO. | DATED: | SIZE F | DRAWING NO.
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 2 OF 9

D.O.FILE NO. 100-37,275

...\u5dgn\HAITI\XC145\XC145SH2.DGN 03/03/2004 02:55:46 PM



REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:				
DWN. BY FMW	CKD. BY WHR	INV. NO. DATED:	SIZE F	DRAWING NO.
		SCALE: AS SHOWN	DATED: SEPT 1996	SHEET 3 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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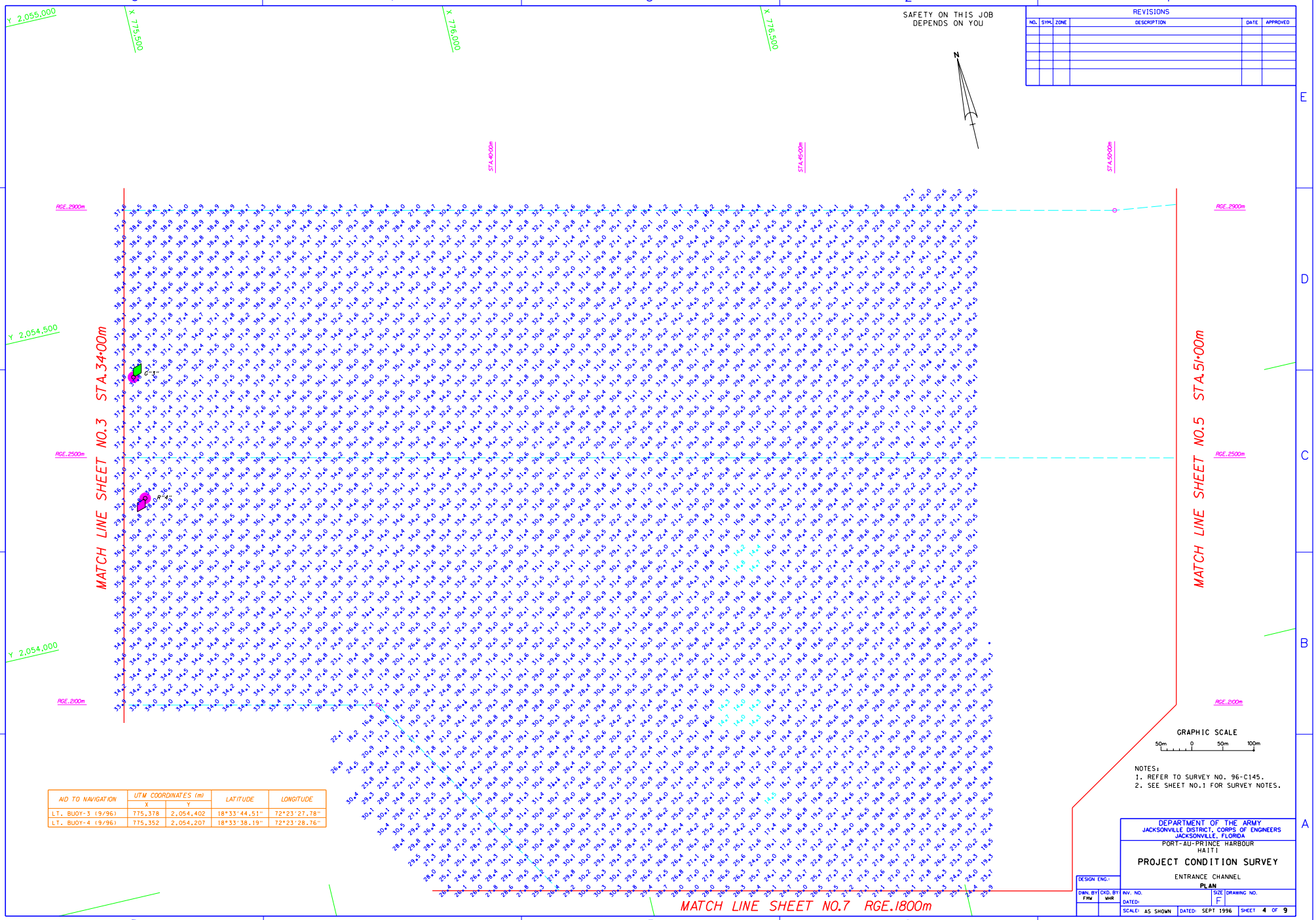
DEPENDS ON YOU

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED



AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (9/96)	775,378	2,054,402	18°33'44.51"	72°23'27.78"
LT. BUOY-4 (9/96)	775,352	2,054,207	18°33'38.19"	72°23'28.76"

GRAPHIC SCALE

50m 0 50m 100m

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:			
DWN. BY FMW	CKD. BY WHR	INV. NO.	SIZE F / DRAWING NO.
		DATED:	
		SCALE: AS SHOWN	DATED: SEPT 1996 / SHEET 4 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$CONSPECIFICATION$$ $$SYSTIME$$

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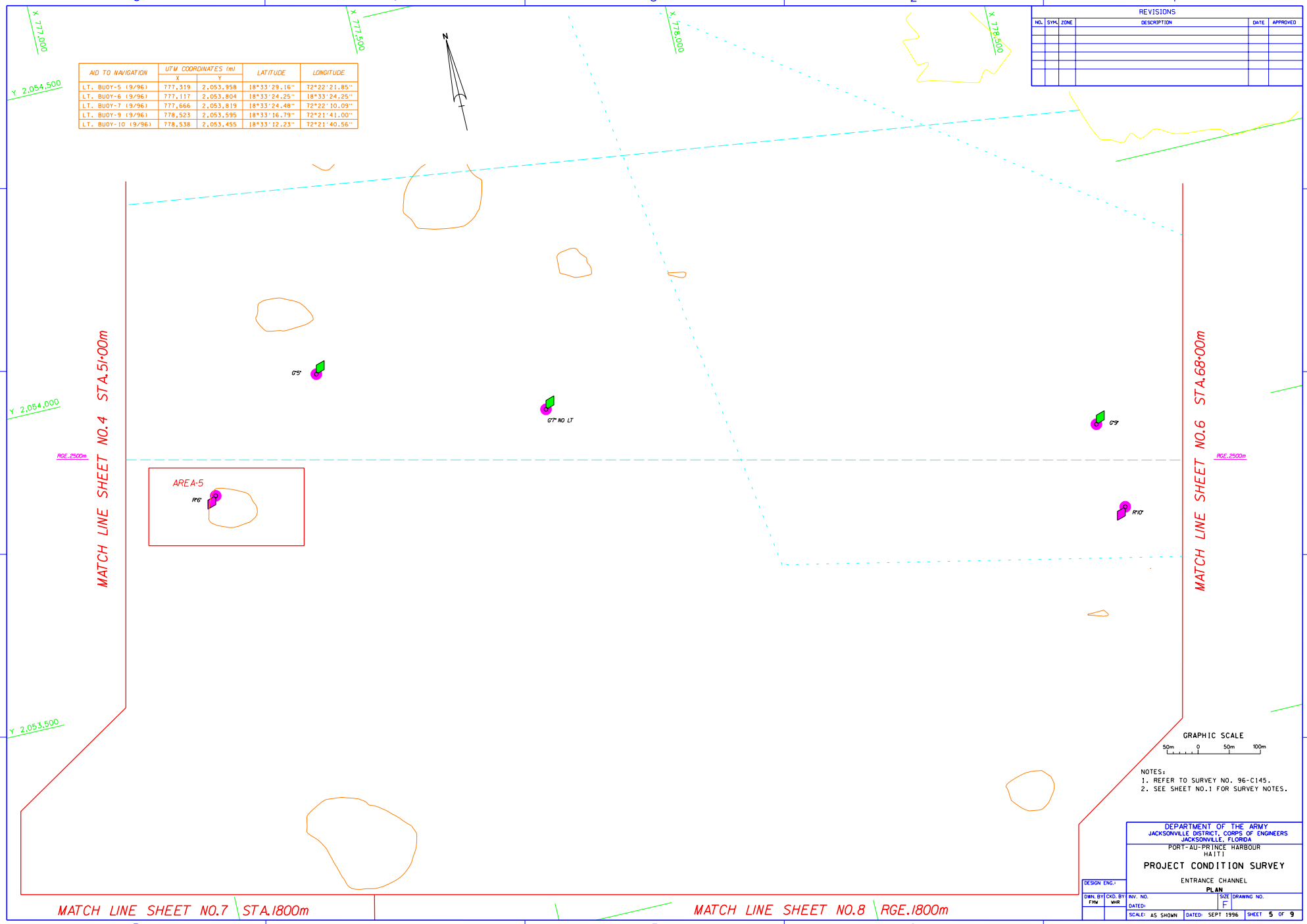

AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (9/96)	777,319	2,053,958	18°33'29.16"	72°22'21.85"
LT. BUOY-6 (9/96)	777,117	2,053,804	18°33'24.25"	18°33'24.25"
LT. BUOY-7 (9/96)	777,666	2,053,819	18°33'24.48"	72°22'10.09"
LT. BUOY-9 (9/96)	778,523	2,053,595	18°33'16.79"	72°21'41.00"
LT. BUOY-10 (9/96)	778,538	2,053,455	18°33'12.23"	72°21'40.56"

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:
DWN. BY FHW | CKD. BY WHR | INV. NO. | SIZE F | DRAWING NO.
DATED:
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 5 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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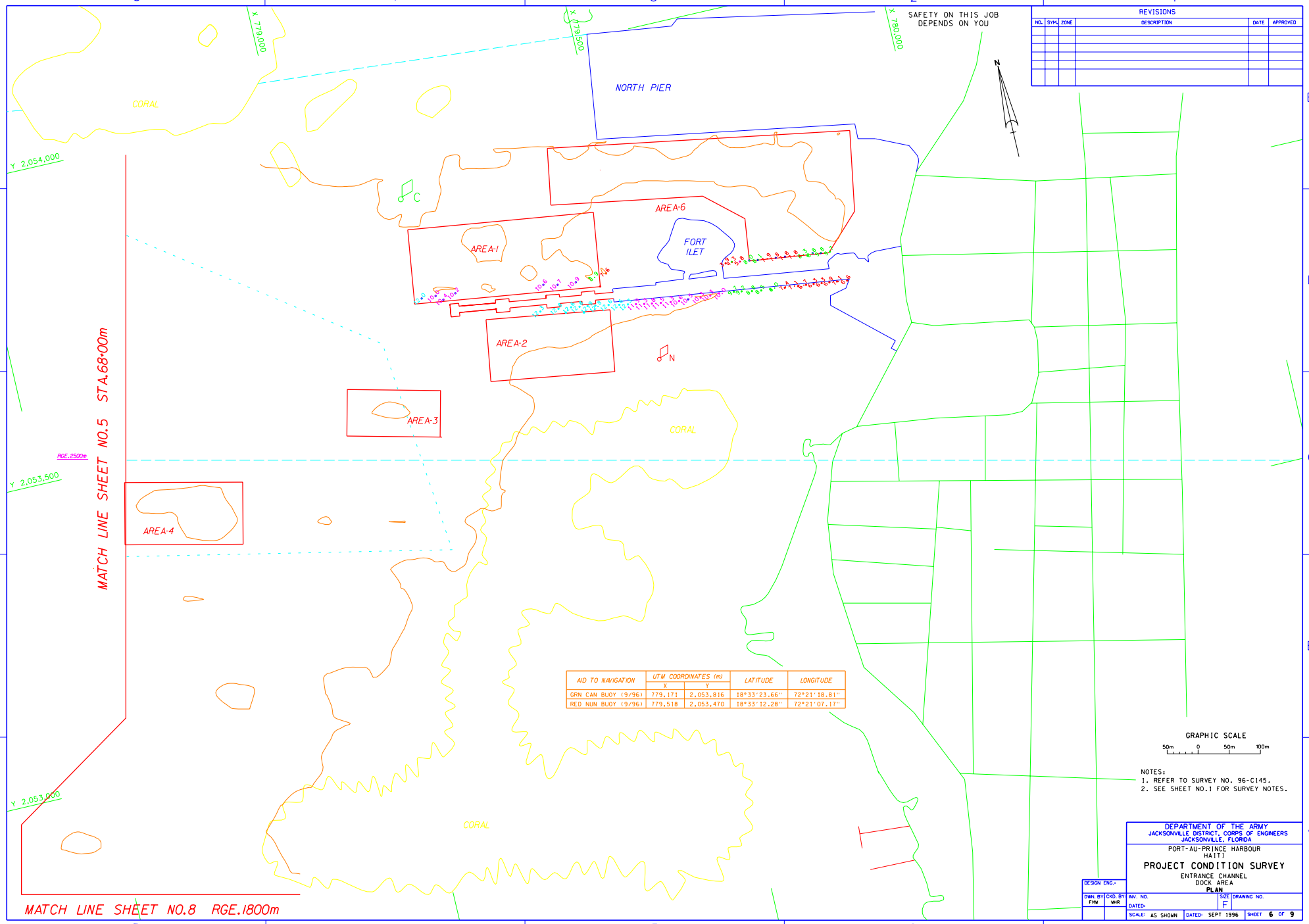

AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
GRN CAN BUOY (9/96)	779,171	2,053,816	18°33'23.66"	72°21'18.81"
RED NUN BUOY (9/96)	779,518	2,053,470	18°33'12.28"	72°21'07.17"

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY
ENTRANCE CHANNEL
DOCK AREA
PLAN

DESIGN ENG.:
DWN. BY FHW | CKD. BY WHR | INV. NO. | DATED: | SIZE F | DRAWING NO.
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 6 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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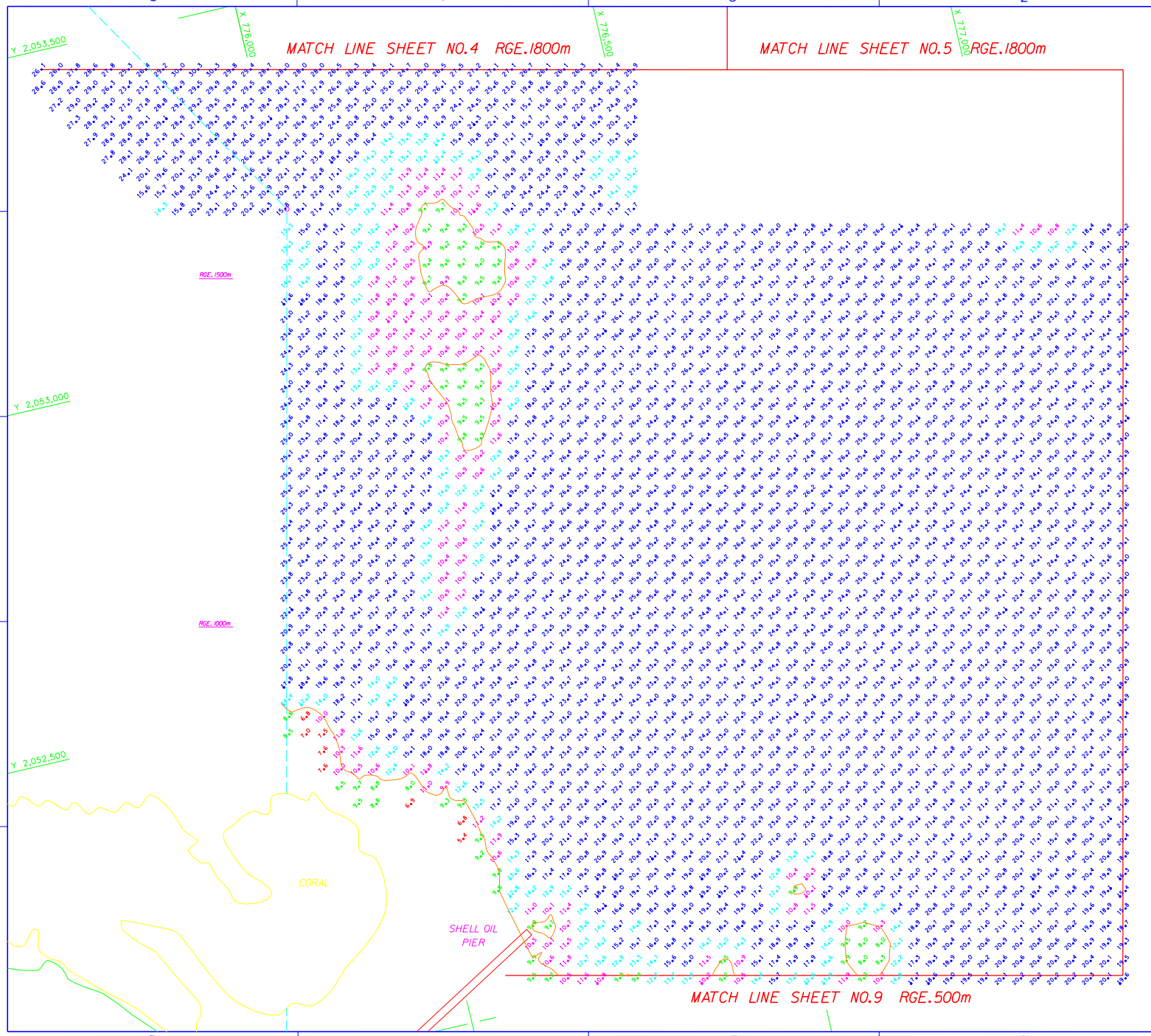

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

GRAPHIC SCALE

50m 0 50m 100m

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

SOUTH SIDE OF
ENTRANCE CHANNEL

PLAN

DESIGN ENG.:				
DWN. BY FMW	CKD. BY WHR	INV. NO. DATED:	SIZE F	DRAWING NO.
		SCALE: AS SHOWN	DATED: SEPT 1996	SHEET 7 OF 9

D.O.FILE NO. 100-37,275

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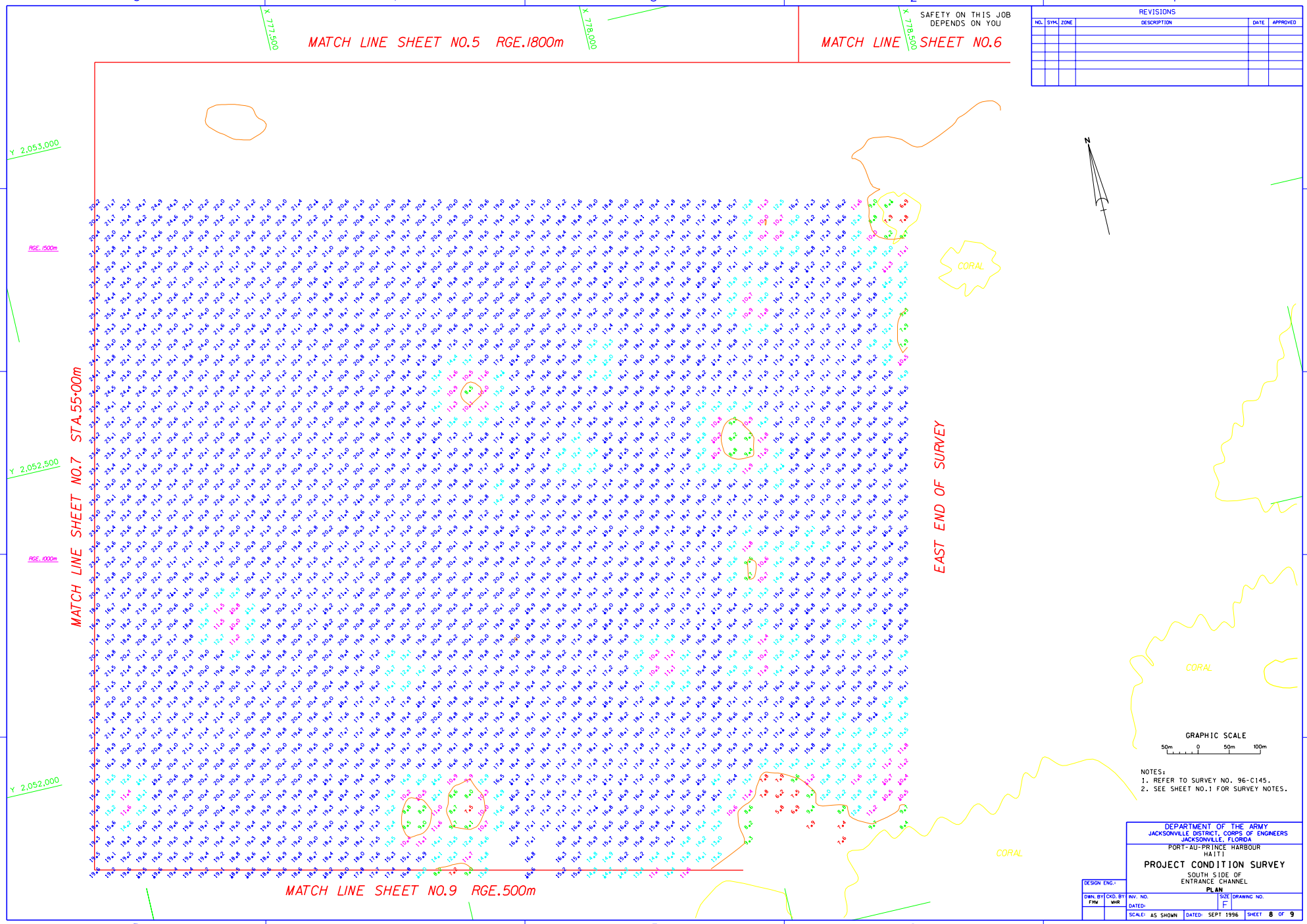

SAFETY ON THIS JOB DEPENDS ON YOU

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY
SOUTH SIDE OF
ENTRANCE CHANNEL
PLAN

DESIGN ENG.:
DWN. BY FMW | CKD. BY WHR | INV. NO. | SIZE F | DRAWING NO.
DATED:
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 8 OF 9

D.O.FILE NO. 100-37,275

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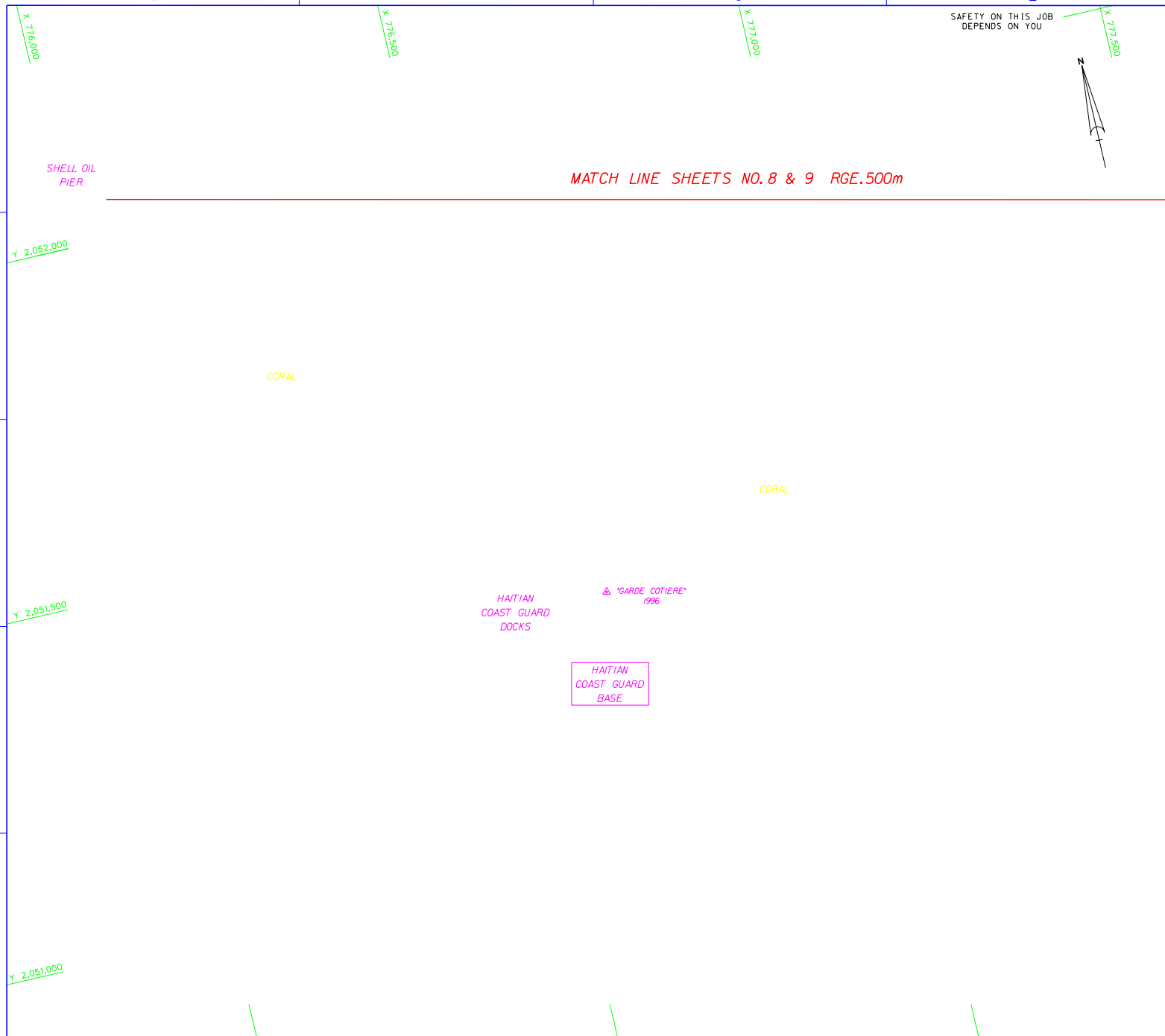

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

GRAPHIC SCALE

50m 0 50m 100m

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY
SOUTH SIDE OF
ENTRANCE CHANNEL
PLAN

DESIGN ENG.:
DWN. BY FHW
CKD. BY HRW
INV. NO.
DATED:
SIZE F
DRAWING NO.
SCALE: AS SHOWN
DATED: SEPT 1996
SHEET 9 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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US Army Corps of Engineers

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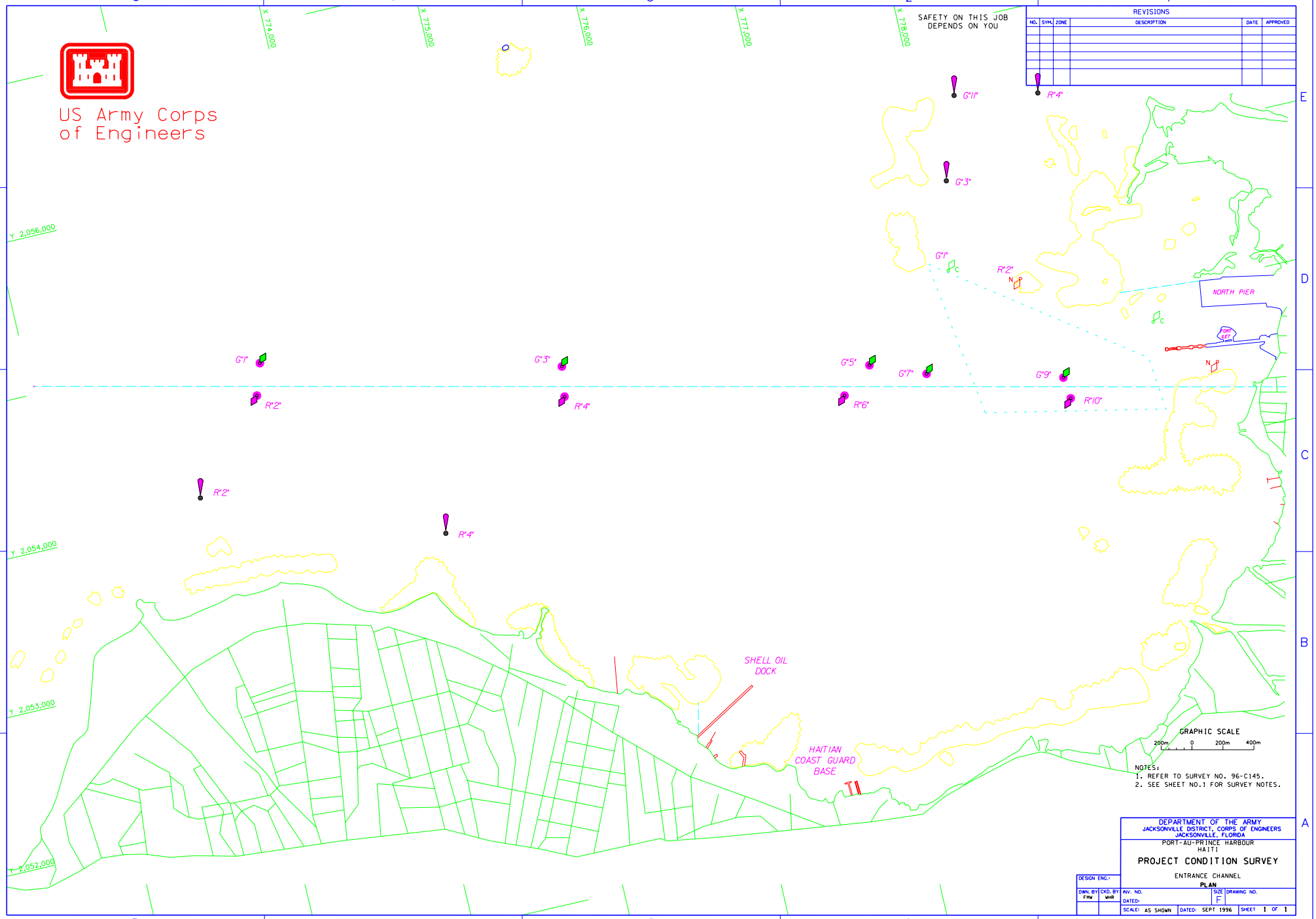
REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED



NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:			
DWN. BY: FMW	CKD. BY: WHR	INV. NO. / DATED:	SIZE: F / DRAWING NO.
		SCALE: AS SHOWN	DATED: SEPT 1996 / SHEET 1 OF 1

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$CONSPECIFICATION$$$$$$ $$$$$$STYME$$$$$$

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US Army Corps of Engineers

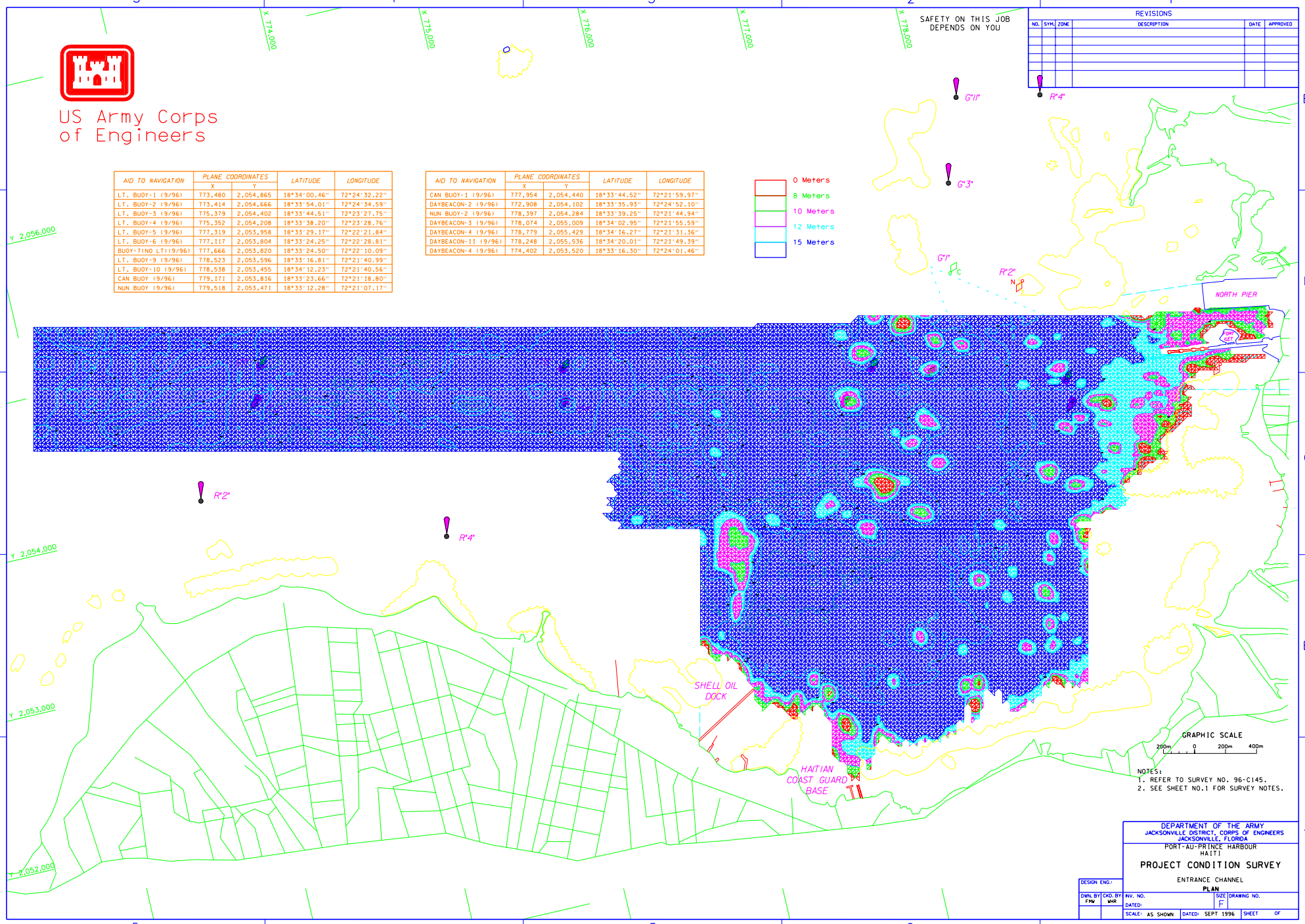
SAFETY ON THIS JOB DEPENDS ON YOU

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-1 (9/96)	773.480	2,054.865	18°34'00.46"	72°24'32.22"
LT. BUOY-2 (9/96)	773.414	2,054.666	18°33'54.01"	72°24'34.59"
LT. BUOY-3 (9/96)	775.379	2,054.402	18°33'44.51"	72°23'27.75"
LT. BUOY-4 (9/96)	775.352	2,054.208	18°33'38.20"	72°23'28.76"
LT. BUOY-5 (9/96)	777.319	2,053.958	18°33'29.17"	72°22'21.84"
LT. BUOY-6 (9/96)	777.117	2,053.804	18°33'24.25"	72°22'28.81"
BUOY-7(NO LT)(9/96)	777.666	2,053.820	18°33'24.50"	72°22'10.09"
LT. BUOY-9 (9/96)	778.523	2,053.596	18°33'16.81"	72°21'40.99"
LT. BUOY-10 (9/96)	778.538	2,053.455	18°34'12.23"	72°21'40.56"
CAN BUOY (9/96)	779.171	2,053.816	18°33'23.66"	72°21'18.80"
NUN BUOY (9/96)	779.518	2,053.471	18°33'12.28"	72°21'07.17"

AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
CAN BUOY-1 (9/96)	777.954	2,054.440	18°33'44.52"	72°21'59.97"
DAYBEACON-2 (9/96)	772.908	2,054.102	18°33'35.93"	72°24'52.10"
NUN BUOY-2 (9/96)	778.397	2,054.284	18°33'39.25"	72°21'44.94"
DAYBEACON-3 (9/96)	778.074	2,055.009	18°34'02.95"	72°21'55.59"
DAYBEACON-4 (9/96)	778.779	2,055.429	18°34'16.27"	72°21'31.36"
DAYBEACON-11 (9/96)	778.248	2,055.536	18°34'20.01"	72°21'49.39"
DAYBEACON-4 (9/96)	774.402	2,053.520	18°33'16.30"	72°24'01.46"

0 Meters
8 Meters
10 Meters
12 Meters
15 Meters



NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:				
DWN. BY FMW	CKD. BY WHR	INV. NO.	SIZE F	DRAWING NO.
		DATED:		
		SCALE: AS SHOWN	DATED: SEPT 1996	SHEET OF

D.O.FILE NO. 100-37.275

$$USERNAME$$ $$DGNSPECIFICATION$$ $$SYSTIME$$

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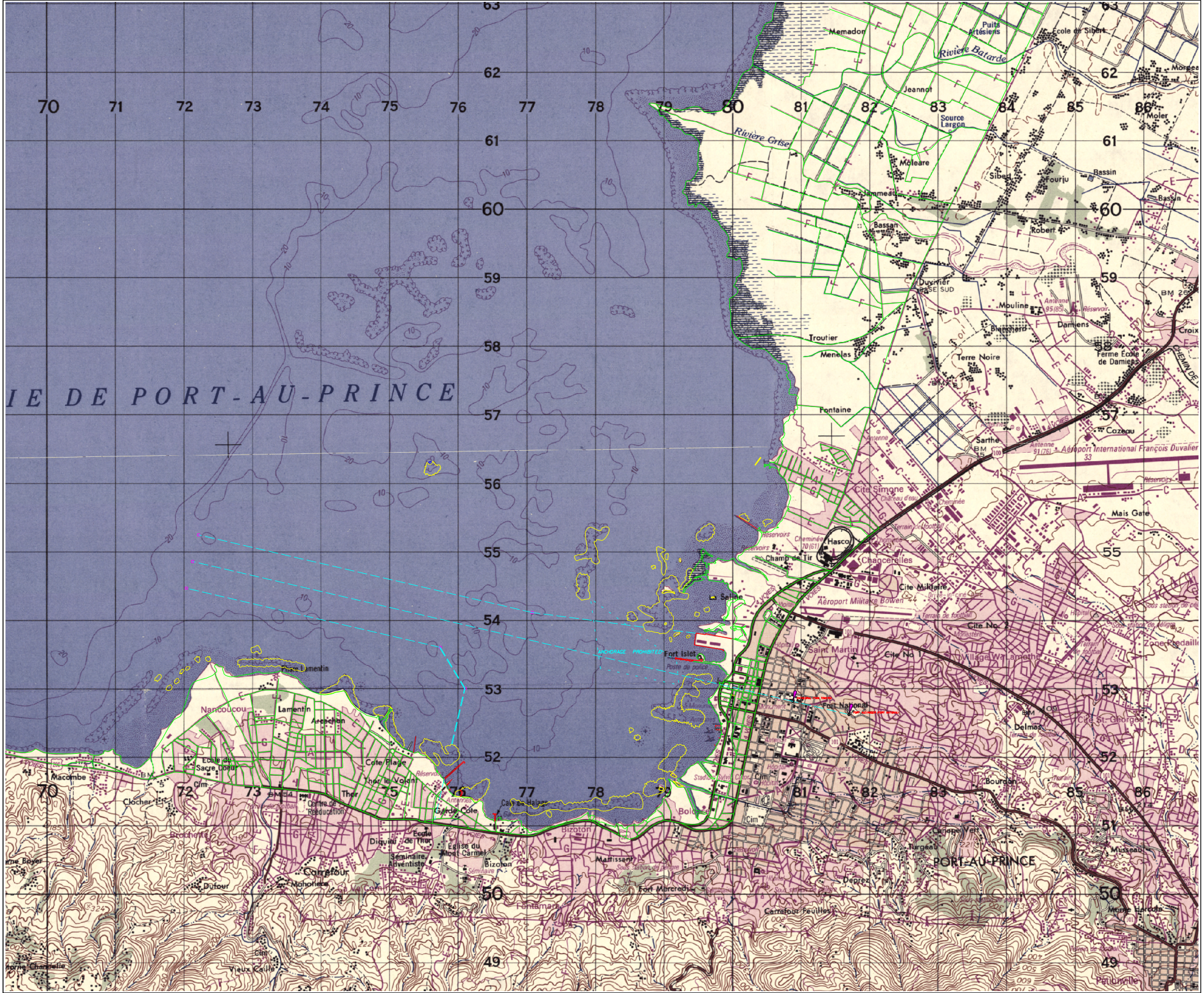


IE DE PORT-AU-PRINCE
Memadon
Puits Artésiens
Ecole de Sibert
Rivière Batarde
Jeannot
Source Largon
Rivière Grise
Moleare
Sibert
Fourju
Bassin
Jammeau
Bassan
Robert
Duvivier
Mouline
Damiens
Troutier
Menelas
Terre Noire
Ferme Ecole de Damiens
Fontaine
Sarthe
Cozeau
Aéroport International François Duvalier
Cite Simone
Mais Gate
Hasco
Champ de Tir
Chancerelles
Cite Militaire
Aéroport Militaire Bowen
Saline
Cite No. 2
Saint Martin
Cite No. 1
Village Wa Lamothe
Fort Islet
Poste de police
Fort National
Delmas
Cite St. Georges
Nancoucou
Lamentin
Arcachon
Cote Plage
Thor le Volant
Thor
Garde Cote
Bizoton
Bolosse
Cim
Bourdon
Canape Vert
Turgeau
PORT-AU-PRINCE
Musseau
Deprez
Carrefour Feuilles
Fort Mercredi
Fontamara
Mattissant
Eglise du Mont Carmel
Seminaire Adventiste
Diquiu
Ecole de Thor
Carrefour
Mohonece
Dufour
Vieux Caille
Macombe
Clocher
Brochette
Morne Chandelle
Petionville
Morne Hercule

SAFETY ON THIS JOB DEPENDS ON YOU

US Army Corps of Engineers

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

SURVEY NOTES:

1. REFER TO SURVEY NO. 96-C145.
2. ELEVATIONS ARE IN METERS AND DECIMETERS AND REFER TO MEAN LOWER LOW WATER WHICH IS 0.17 FEET BELOW MEAN SEA LEVEL.
3. ALL ELEVATIONS ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM PREDICTED TIDE TABLES FOR THE PORT-AU-PRINCE AREA.
5. COORDINATES SHOWN ARE BASED ON THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 18, AND ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING WITH THE BASE STATION LOCATED AT THE HAITIAN COAST GUARD BASE AT COE MONUMENT "GARDE COTIERE". VERTICAL MEASUREMENTS WERE MADE USING AN INNERSPACE MODEL 448 FATHOMETER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

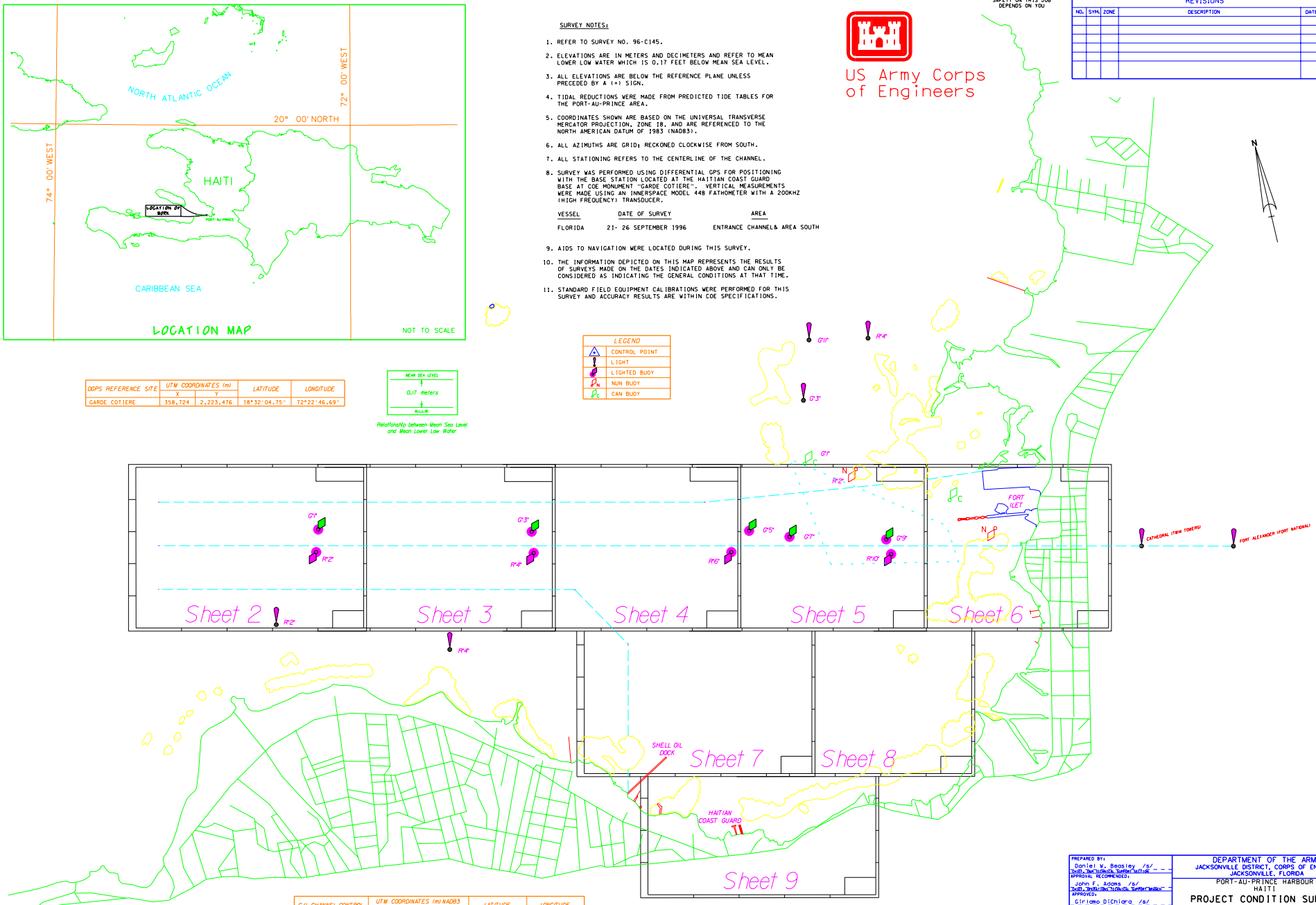
VESSEL	DATE OF SURVEY	AREA
FLORIDA	21- 26 SEPTEMBER 1996	ENTRANCE CHANNEL& AREA SOUTH

9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
11. STANDARD FIELD EQUIPMENT CALIBRATIONS WERE PERFORMED FOR THIS SURVEY AND ACCURACY RESULTS ARE WITHIN COE SPECIFICATIONS.

LEGEND
CONTROL POINT
LIGHT
LIGHTED BUOY
NUN BUOY
CAN BUOY

DGPS REFERENCE SITE	UTM COORDINATES (m) X	UTM COORDINATES (m) Y	LATITUDE	LONGITUDE
GARDE COTIERE	358,724	2,223,476	18°32'04.75"	72°22'46.69"

Relationship between Mean Sea Level and Mean Lower Low Water



C/L CHANNEL CONTROL	UTM COORDINATES (m) NAD83 X	UTM COORDINATES (m) NAD83 Y	LATITUDE	LONGITUDE
STA 0+00 (WEST END)	772,022.33	2,055,050.13	18°32'04.1510"	72°25'21.8274"
EAST END	780,787.72	2,053,008.59	18°32'56.6475"	72°20'24.1192"

PREPARED BY: Daniel W. Beasley /s/
APPROVAL RECOMMENDED: John F. Adams /s/
APPROVED: Girlamo Dichiara /s/

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL AND PORT AREA

COVER SHEET

DWN BY:	CKD. BY:	INV. NO.	SIZE	DRAWING NO.
FMW	WHR	DATED:	F	

SCALE: AS SHOWN DATED: SEPT 1996 SHEET 1 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$CONSPECIFICATION$$$$$$ $$$$$$$$STYMESS$$$$$

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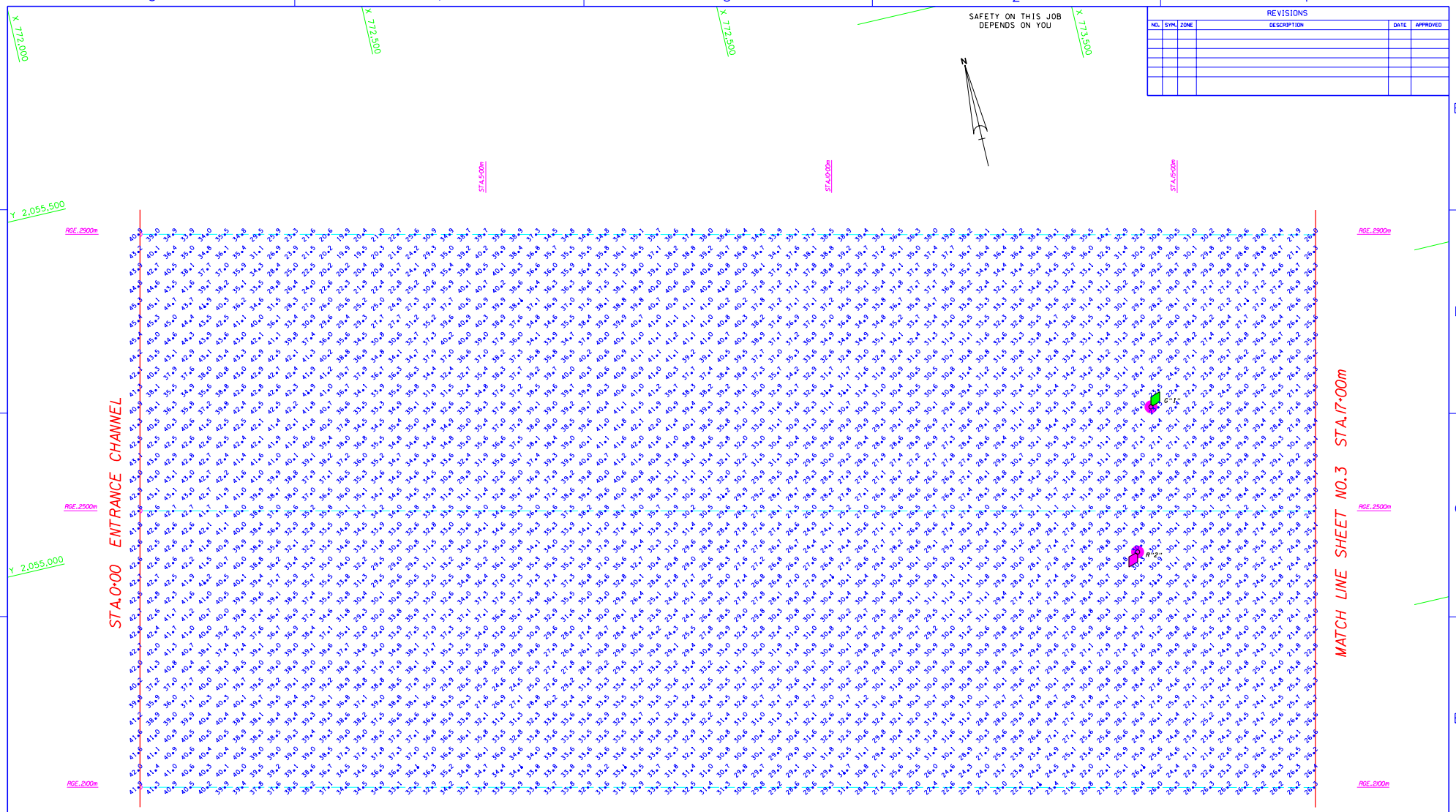

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-1 (9/96)	773,480	2,054,865	18°34'00.46"	72°24'32.22"
LT. BUOY-2 (9/96)	773,414	2,054,665	18°33'53.98"	72°24'34.58"

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
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JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
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PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:
DWN. BY FMW | CKD. BY WHR | INV. NO. | DATED: | SIZE F | DRAWING NO.
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 2 OF 9

D.O.FILE NO. 100-37,275

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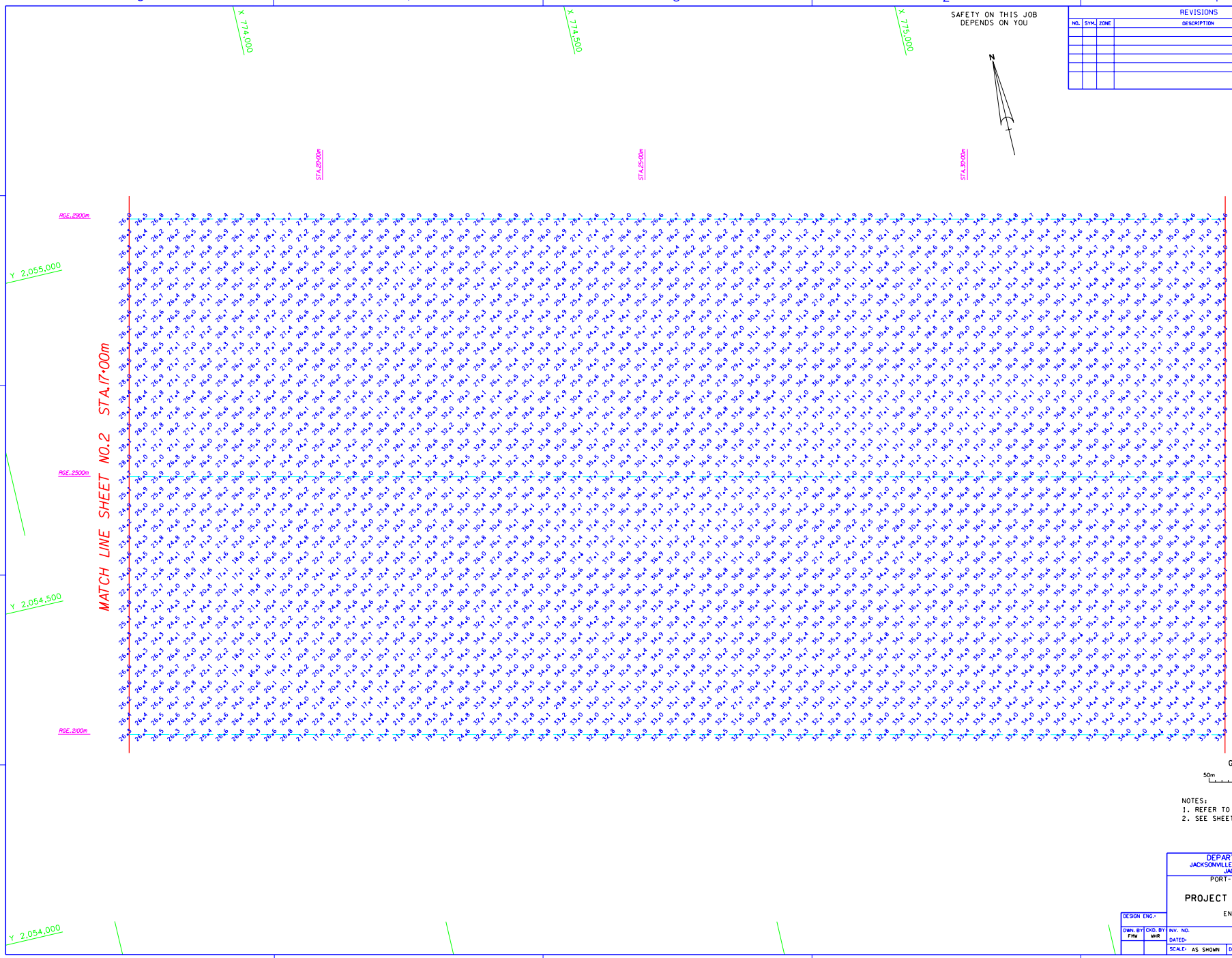

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:				
DWN. BY FMW	CKD. BY WHR	INV. NO. DATED:	SIZE F	DRAWING NO.
		SCALE: AS SHOWN	DATED: SEPT 1996	SHEET 3 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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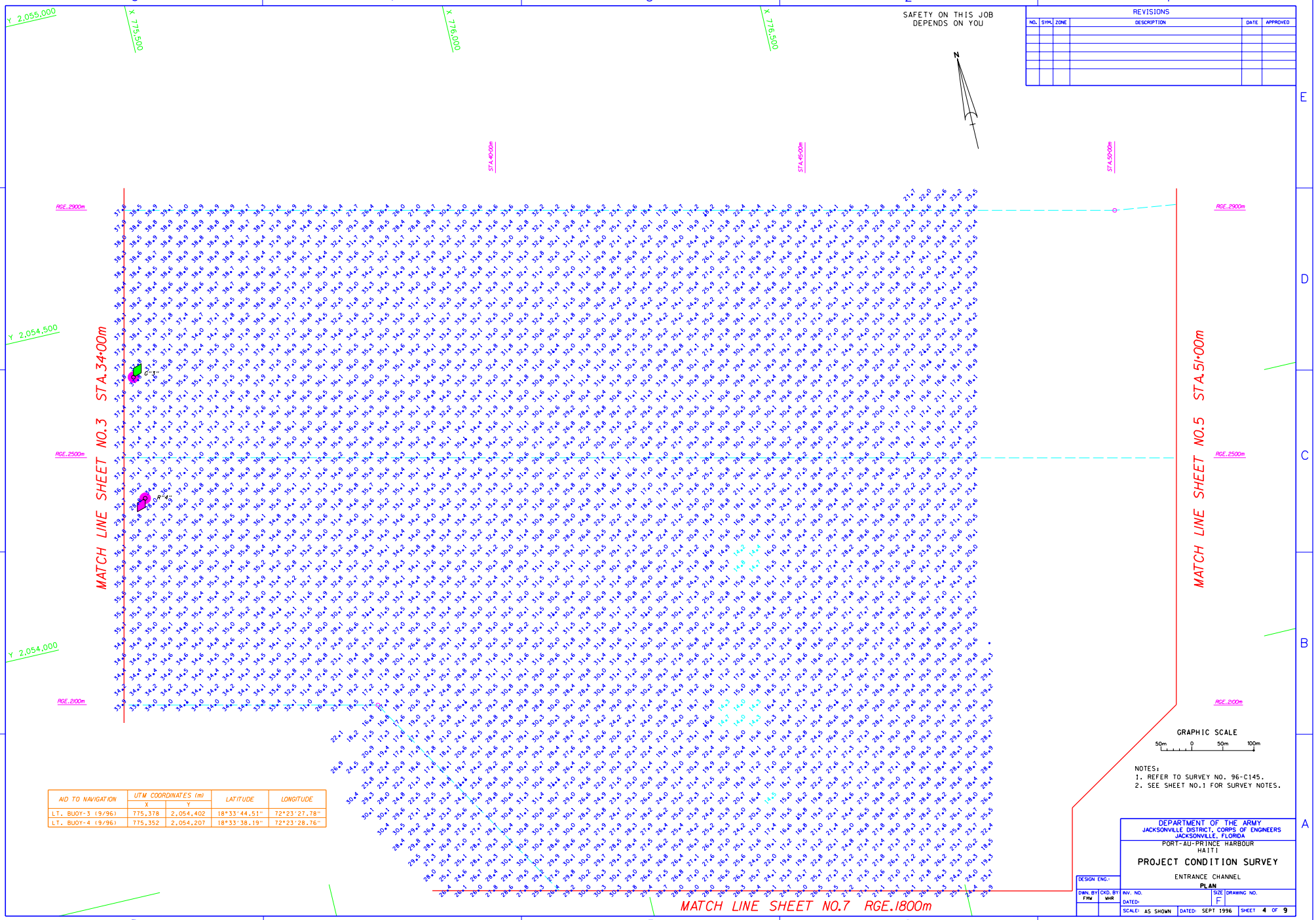
DEPENDS ON YOU

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED



AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (9/96)	775,378	2,054,402	18°33'44.51"	72°23'27.78"
LT. BUOY-4 (9/96)	775,352	2,054,207	18°33'38.19"	72°23'28.76"

GRAPHIC SCALE

50m 0 50m 100m

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:			
DWN. BY FMW	CKD. BY WHR	INV. NO.	SIZE F / DRAWING NO.
		DATED:	
		SCALE: AS SHOWN	DATED: SEPT 1996 / SHEET 4 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$CONSPECIFICATION$$ $$SYSTIME$$

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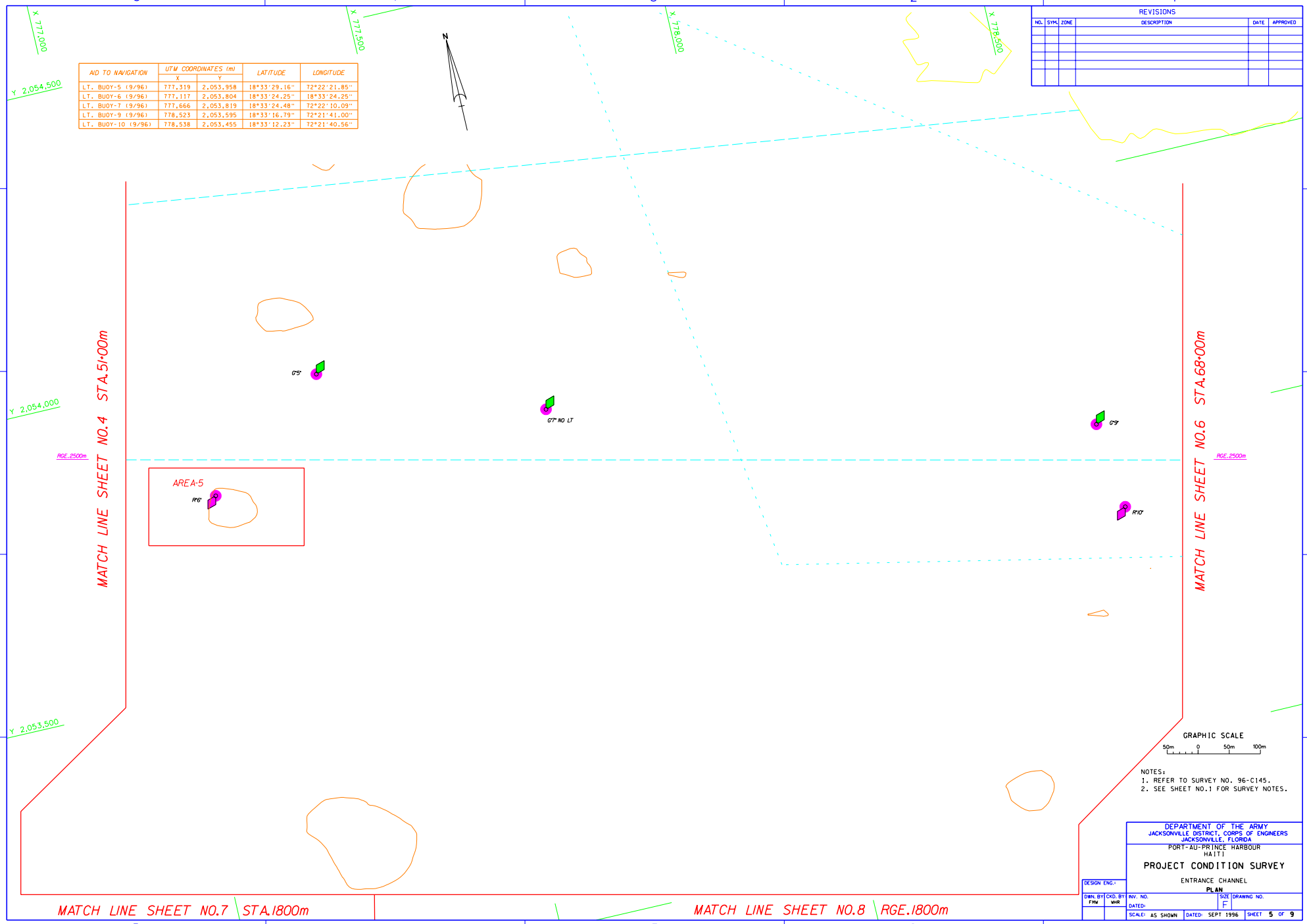

AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (9/96)	777,319	2,053,958	18°33'29.16"	72°22'21.85"
LT. BUOY-6 (9/96)	777,117	2,053,804	18°33'24.25"	18°33'24.25"
LT. BUOY-7 (9/96)	777,666	2,053,819	18°33'24.48"	72°22'10.09"
LT. BUOY-9 (9/96)	778,523	2,053,595	18°33'16.79"	72°21'41.00"
LT. BUOY-10 (9/96)	778,538	2,053,455	18°33'12.23"	72°21'40.56"

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:
DWN. BY FHW | CKD. BY WHR | INV. NO. | SIZE F | DRAWING NO.
DATED:
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 5 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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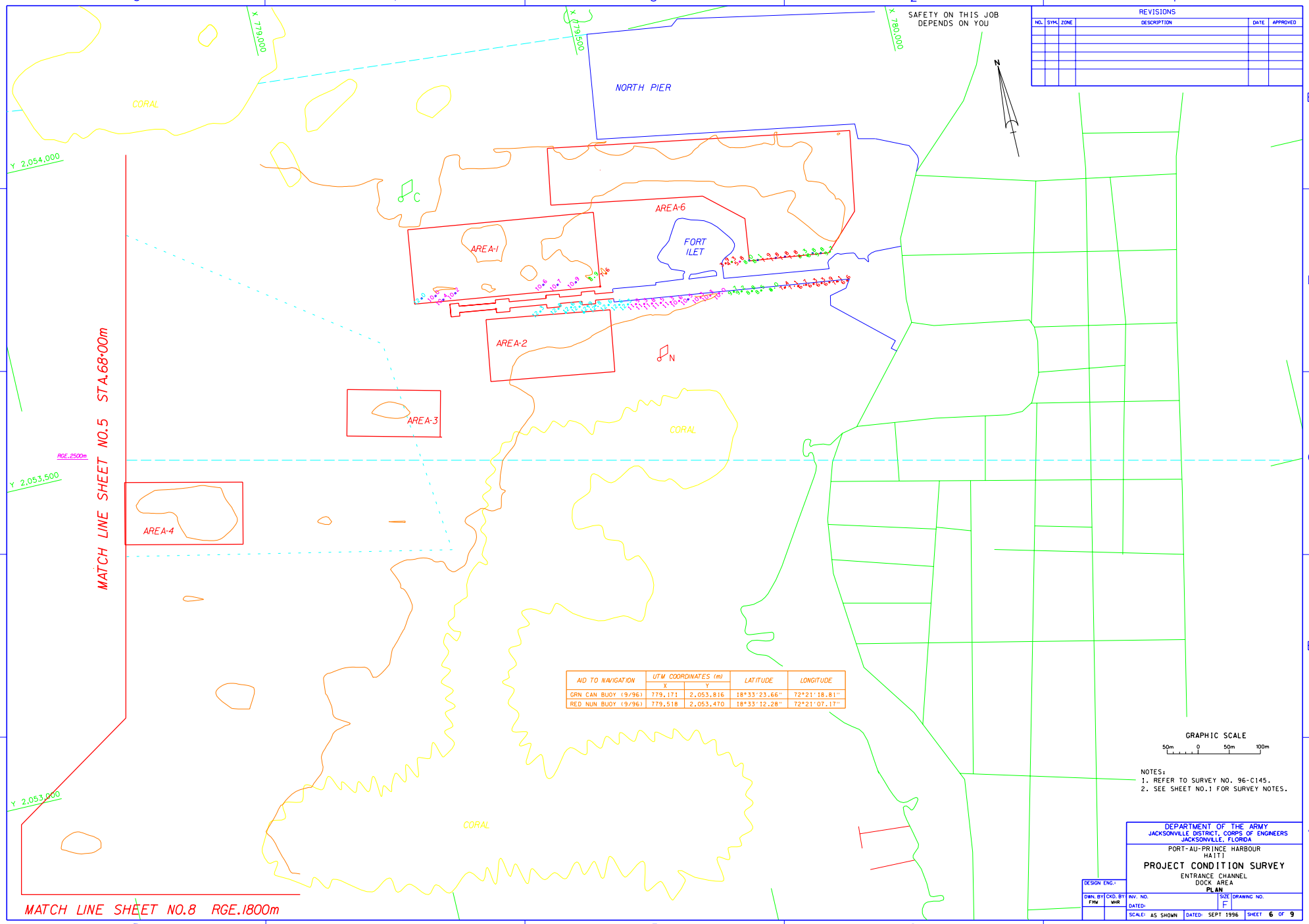

AID TO NAVIGATION	UTM COORDINATES (m)		LATITUDE	LONGITUDE
	X	Y		
GRN CAN BUOY (9/96)	779,171	2,053,816	18°33'23.66"	72°21'18.81"
RED NUN BUOY (9/96)	779,518	2,053,470	18°33'12.28"	72°21'07.17"

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
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PROJECT CONDITION SURVEY
ENTRANCE CHANNEL
DOCK AREA
PLAN

DESIGN ENG.:
DWN. BY FHW | CKD. BY WHR | INV. NO. | DATED: | SIZE F | DRAWING NO.
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 6 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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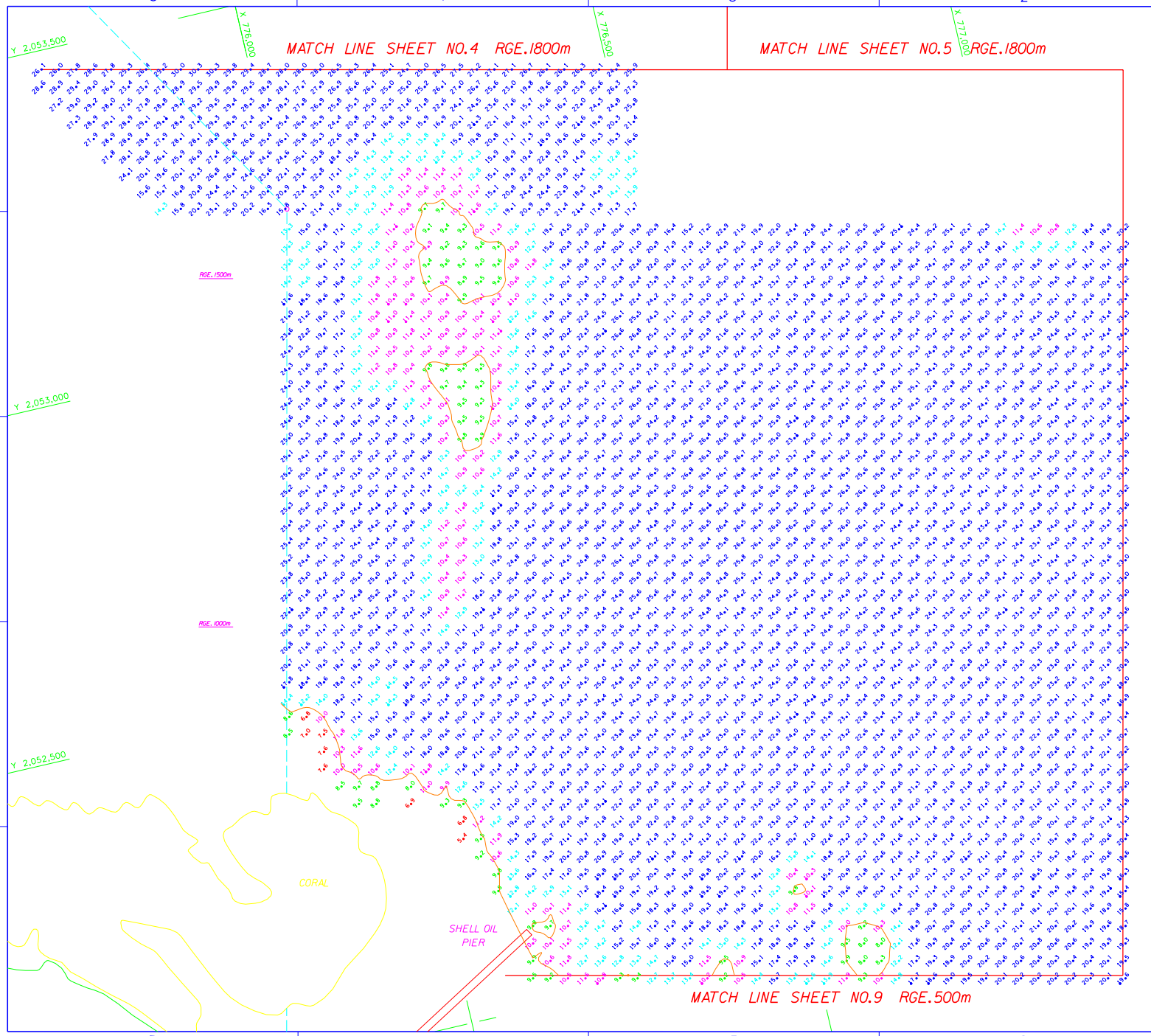

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

GRAPHIC SCALE

50m 0 50m 100m

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
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PROJECT CONDITION SURVEY

SOUTH SIDE OF
ENTRANCE CHANNEL

PLAN

DESIGN ENG.:				
DWN. BY FMW	CKD. BY WHR	INV. NO. DATED:	SIZE F	DRAWING NO.
		SCALE: AS SHOWN	DATED: SEPT 1996	SHEET 7 OF 9

D.O.FILE NO. 100-37,275

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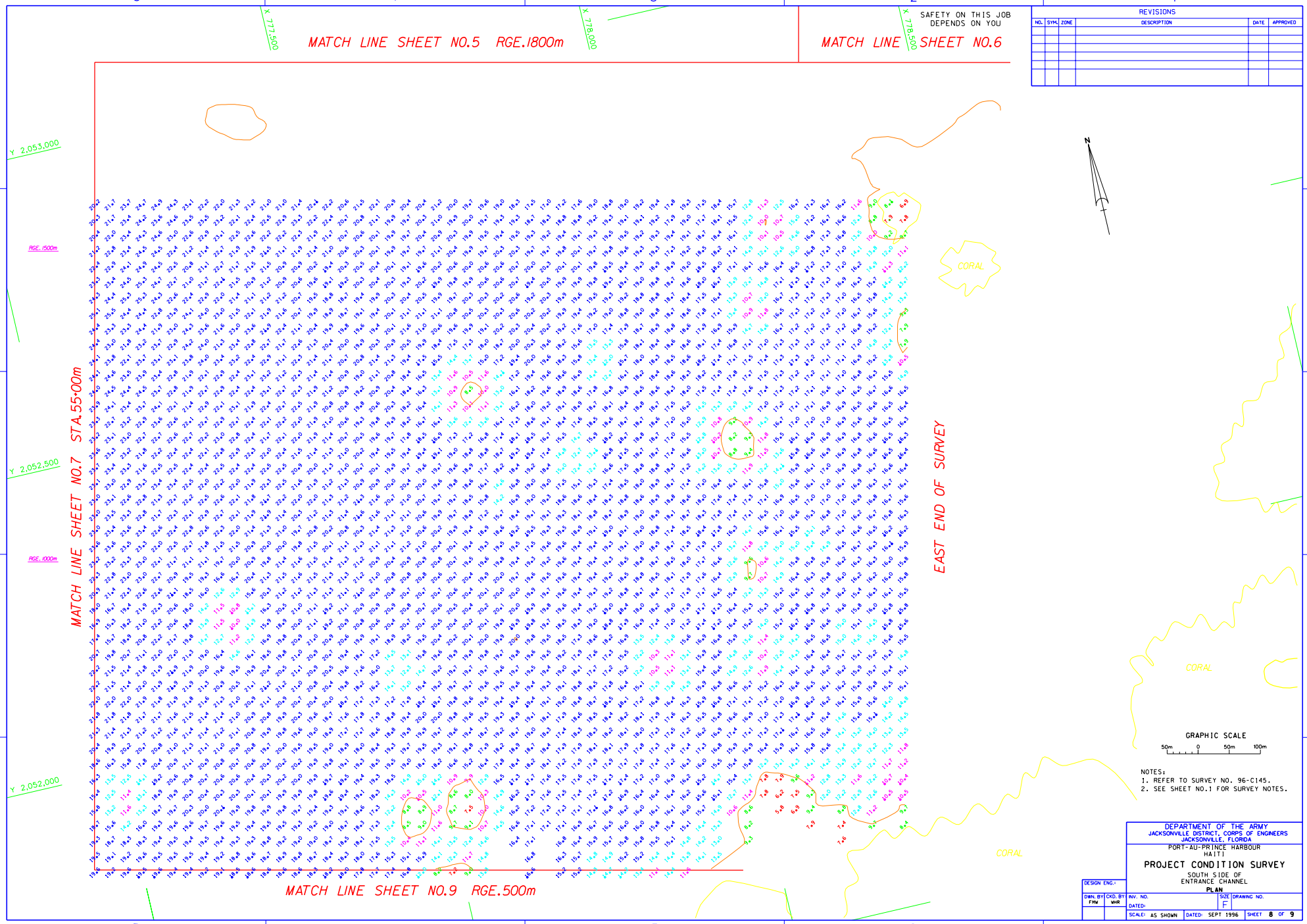

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REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
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PORT-AU-PRINCE HARBOUR
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PROJECT CONDITION SURVEY
SOUTH SIDE OF
ENTRANCE CHANNEL
PLAN

DESIGN ENG.:
DWN. BY FMW | CKD. BY WHR | INV. NO. | SIZE F | DRAWING NO.
DATED:
SCALE: AS SHOWN | DATED: SEPT 1996 | SHEET 8 OF 9

D.O.FILE NO. 100-37,275

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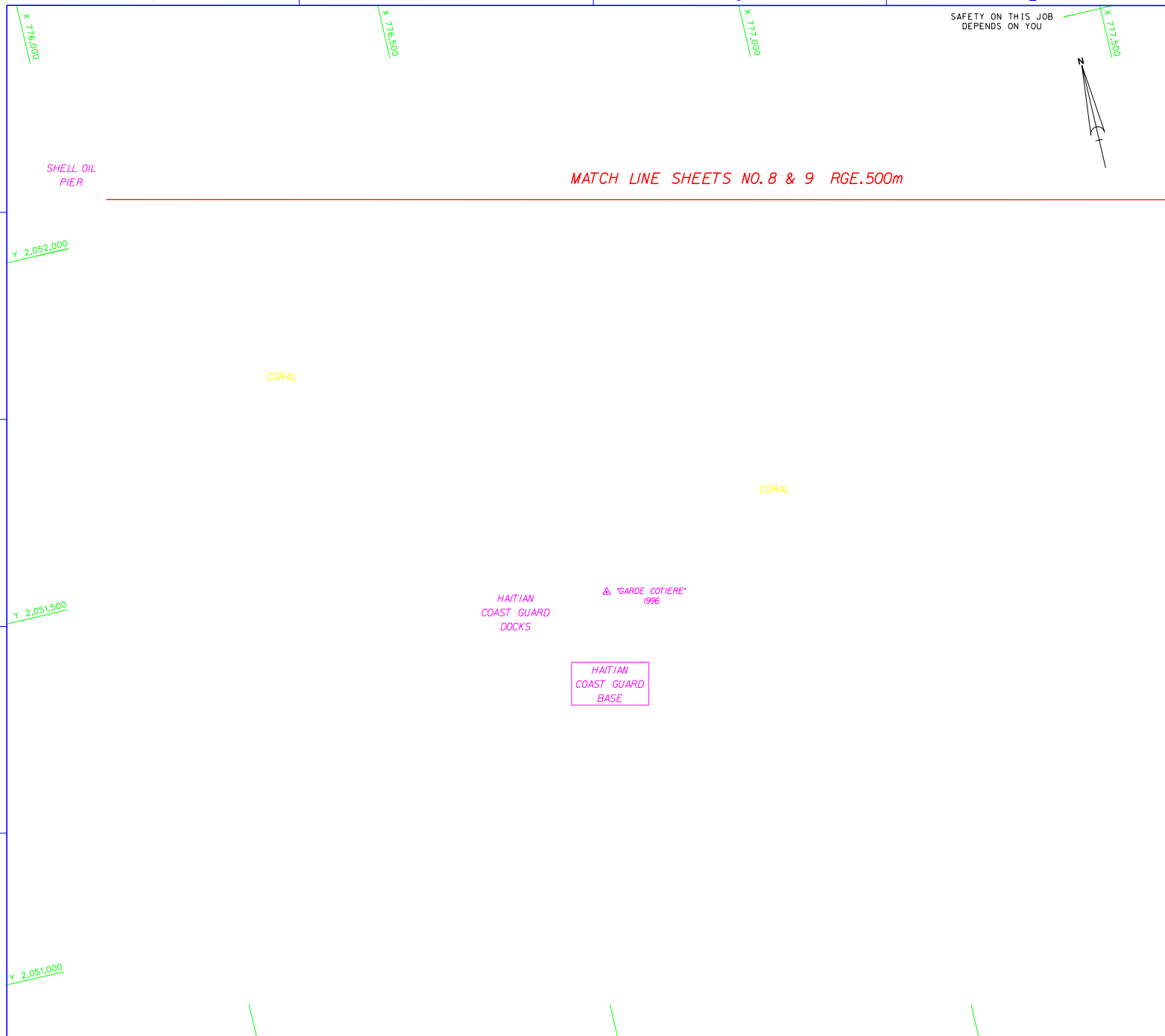

REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

GRAPHIC SCALE

50m 0 50m 100m

NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
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PROJECT CONDITION SURVEY
SOUTH SIDE OF
ENTRANCE CHANNEL
PLAN

DESIGN ENG.:
DWN. BY FHW
CKD. BY HRW
INV. NO.
DATED:
SIZE F
DRAWING NO.
SCALE: AS SHOWN
DATED: SEPT 1996
SHEET 9 OF 9

D.O.FILE NO. 100-37,275

$$USERNAME$$ $$$DGN$SPECIFICATION$$$$$$ $$$$$$SYTIME$$$$$

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US Army Corps of Engineers

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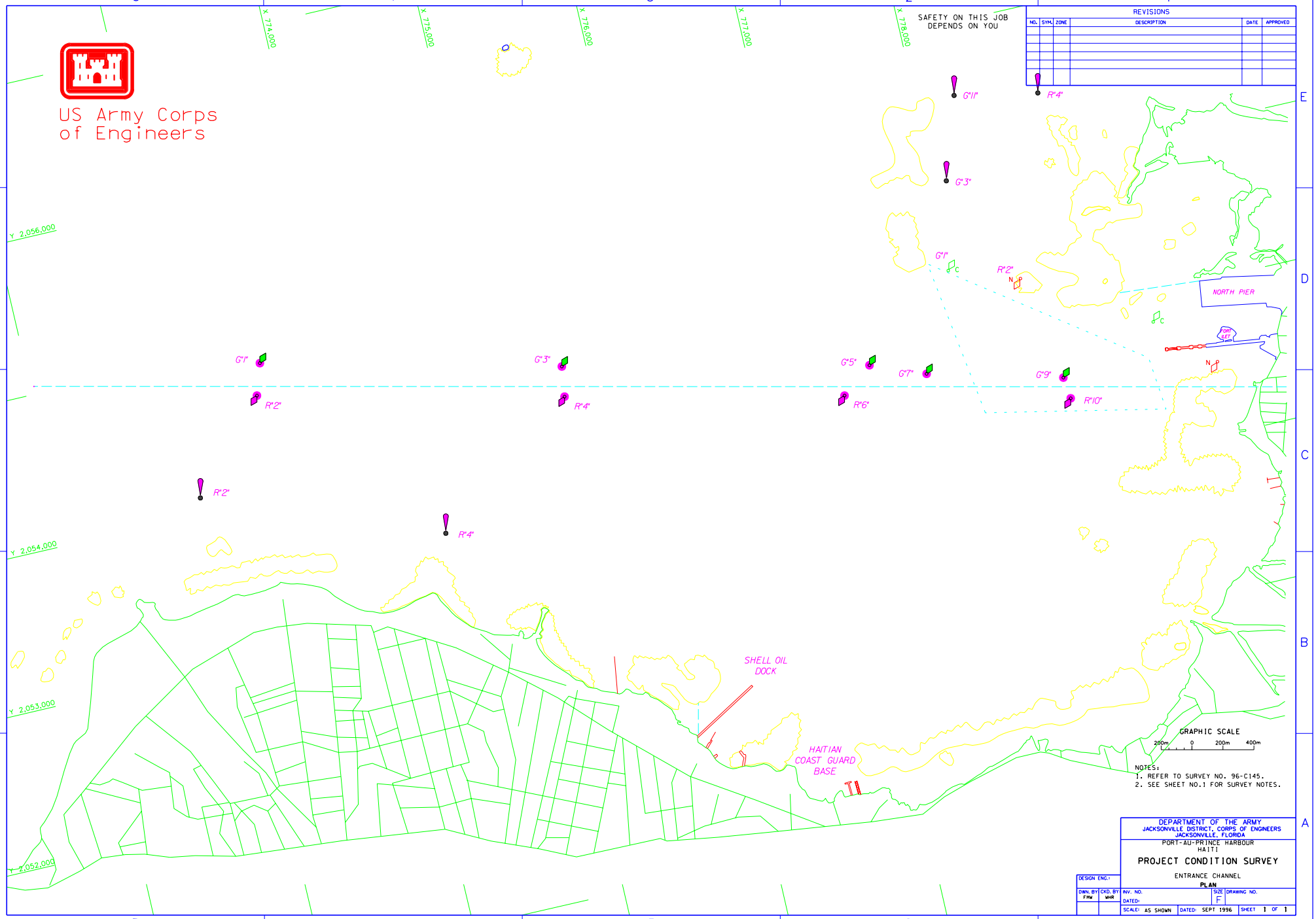
REVISIONS

NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED



NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PORT-AU-PRINCE HARBOUR
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PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:			
DWN. BY: FMW	CKD. BY: WHR	INV. NO. / DATED:	SIZE: F / DRAWING NO.
		SCALE: AS SHOWN	DATED: SEPT 1996 / SHEET 1 OF 1

D.O.FILE NO. 100-37,275

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US Army Corps of Engineers

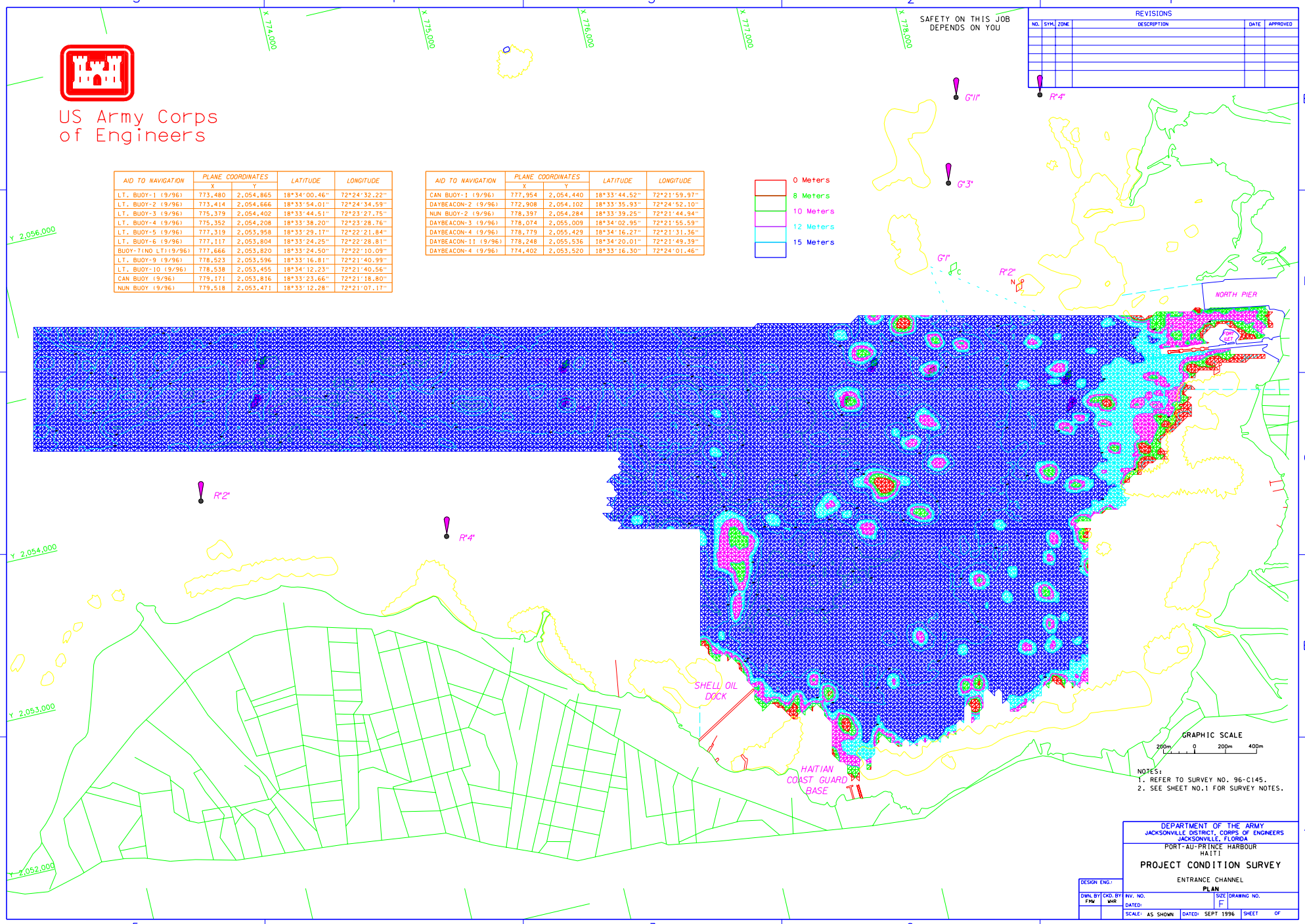
SAFETY ON THIS JOB DEPENDS ON YOU

REVISIONS					
NO.	SYM.	ZONE	DESCRIPTION	DATE	APPROVED

AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-1 (9/96)	773.480	2,054.865	18°34'00.46"	72°24'32.22"
LT. BUOY-2 (9/96)	773.414	2,054.666	18°33'54.01"	72°24'34.59"
LT. BUOY-3 (9/96)	775.379	2,054.402	18°33'44.51"	72°23'27.75"
LT. BUOY-4 (9/96)	775.352	2,054.208	18°33'38.20"	72°23'28.76"
LT. BUOY-5 (9/96)	777.319	2,053.958	18°33'29.17"	72°22'21.84"
LT. BUOY-6 (9/96)	777.117	2,053.804	18°33'24.25"	72°22'28.81"
BUOY-7(NO LT)(9/96)	777.666	2,053.820	18°33'24.50"	72°22'10.09"
LT. BUOY-9 (9/96)	778.523	2,053.596	18°33'16.81"	72°21'40.99"
LT. BUOY-10 (9/96)	778.538	2,053.455	18°34'12.23"	72°21'40.56"
CAN BUOY (9/96)	779.171	2,053.816	18°33'23.66"	72°21'18.80"
NUN BUOY (9/96)	779.518	2,053.471	18°33'12.28"	72°21'07.17"

AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
CAN BUOY-1 (9/96)	777.954	2,054.440	18°33'44.52"	72°21'59.97"
DAYBEACON-2 (9/96)	772.908	2,054.102	18°33'35.93"	72°24'52.10"
NUN BUOY-2 (9/96)	778.397	2,054.284	18°33'39.25"	72°21'44.94"
DAYBEACON-3 (9/96)	778.074	2,055.009	18°34'02.95"	72°21'55.59"
DAYBEACON-4 (9/96)	778.779	2,055.429	18°34'16.27"	72°21'31.36"
DAYBEACON-11 (9/96)	778.248	2,055.536	18°34'20.01"	72°21'49.39"
DAYBEACON-4 (9/96)	774.402	2,053.520	18°33'16.30"	72°24'01.46"

0 Meters
8 Meters
10 Meters
12 Meters
15 Meters



NOTES:
1. REFER TO SURVEY NO. 96-C145.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
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PORT-AU-PRINCE HARBOUR
HAITI

PROJECT CONDITION SURVEY

ENTRANCE CHANNEL

PLAN

DESIGN ENG.:				
DWN. BY FMW	CKD. BY WHR	INV. NO.	SIZE F	DRAWING NO.
		DATED:		
		SCALE: AS SHOWN	DATED: SEPT 1996	SHEET OF

D.O.FILE NO. 100-37.275

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