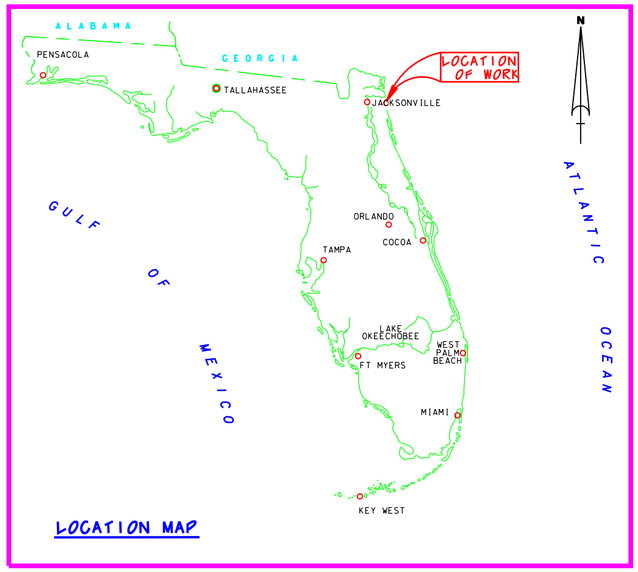
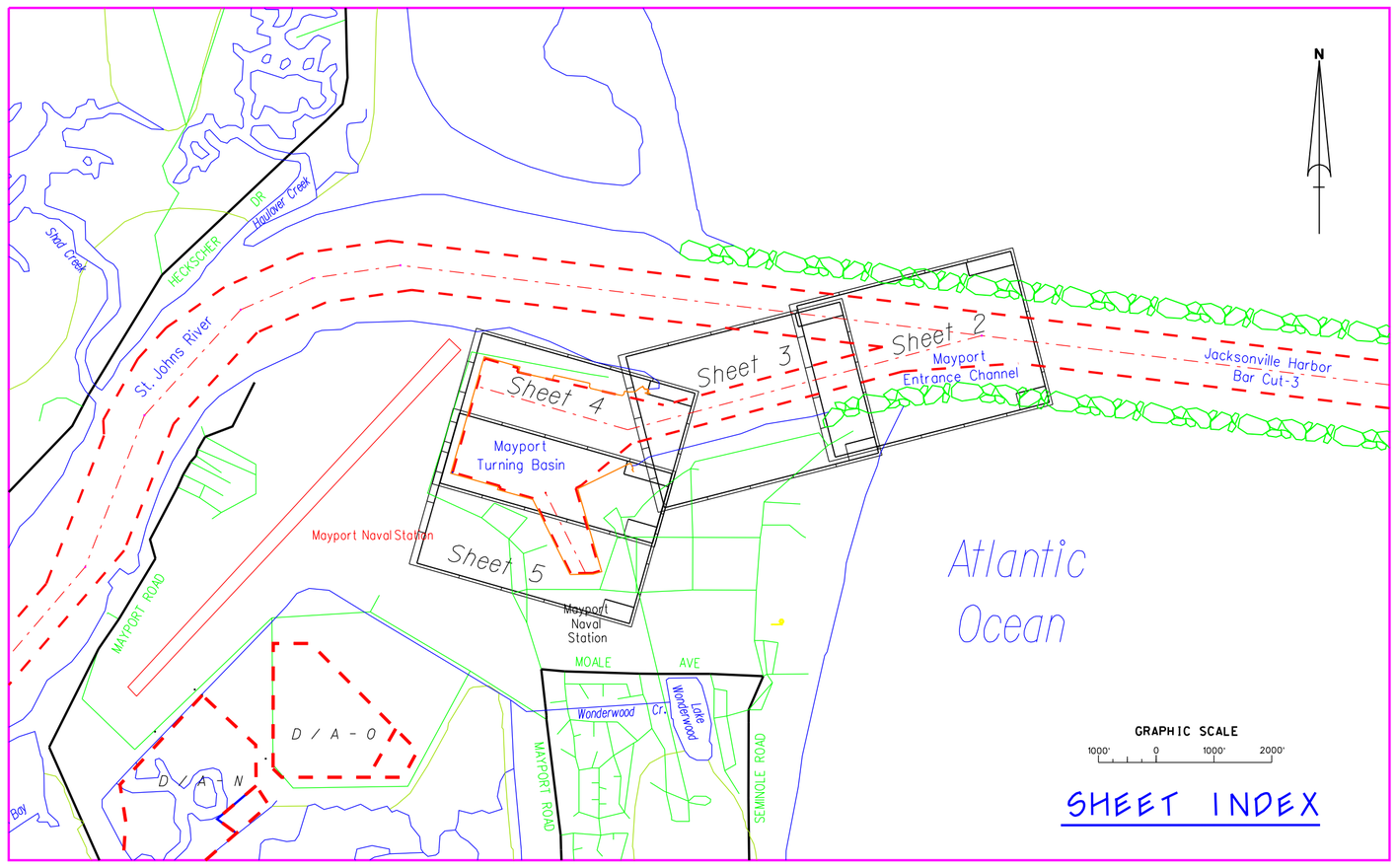
U.S. NAVAL STATION, MAYPORT
PROJECT CONDITION SURVEY



LOCATION MAP



SHEET INDEX

SURVEY NOTES:

1. REFER TO SURVEY NO. 07-072.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER (MLW) WHICH IS 2.7 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET AT GOLDEN ANCHOR DOCK, AND REFERENCED FROM COE BENCHMARK "STARK".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
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 AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 28KHZ (LOW FREQUENCY) TRANSDUCER.

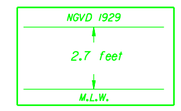
VESSEL	DATE OF SURVEY	AREA
WB-34	15-16 MAY 2007	E.C., MIDDLE T.B., DESTROYER SLIP

9. AIDS TO NAVIGATION WERE NOT LOCATED DURING THIS SURVEY. NAVAIDS ARE FROM SURVEY 07-033.
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. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY AND IS NOT TO BE USED FOR NAVIGATION.
11. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS IN ACCORDANCE WITH USACE EM 1110-0-1003, HYDROGRAPHIC SURVEYING, 1 JAN 02.

BENCHMARK	NGVD ELEV. (FT)
STARK	9.65

LEGEND

BM	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF



Relationship between NGVD 1929 and COE Mean Low Water

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Designed by: RWH
Dwn by: WRM
Ckd by: WRM

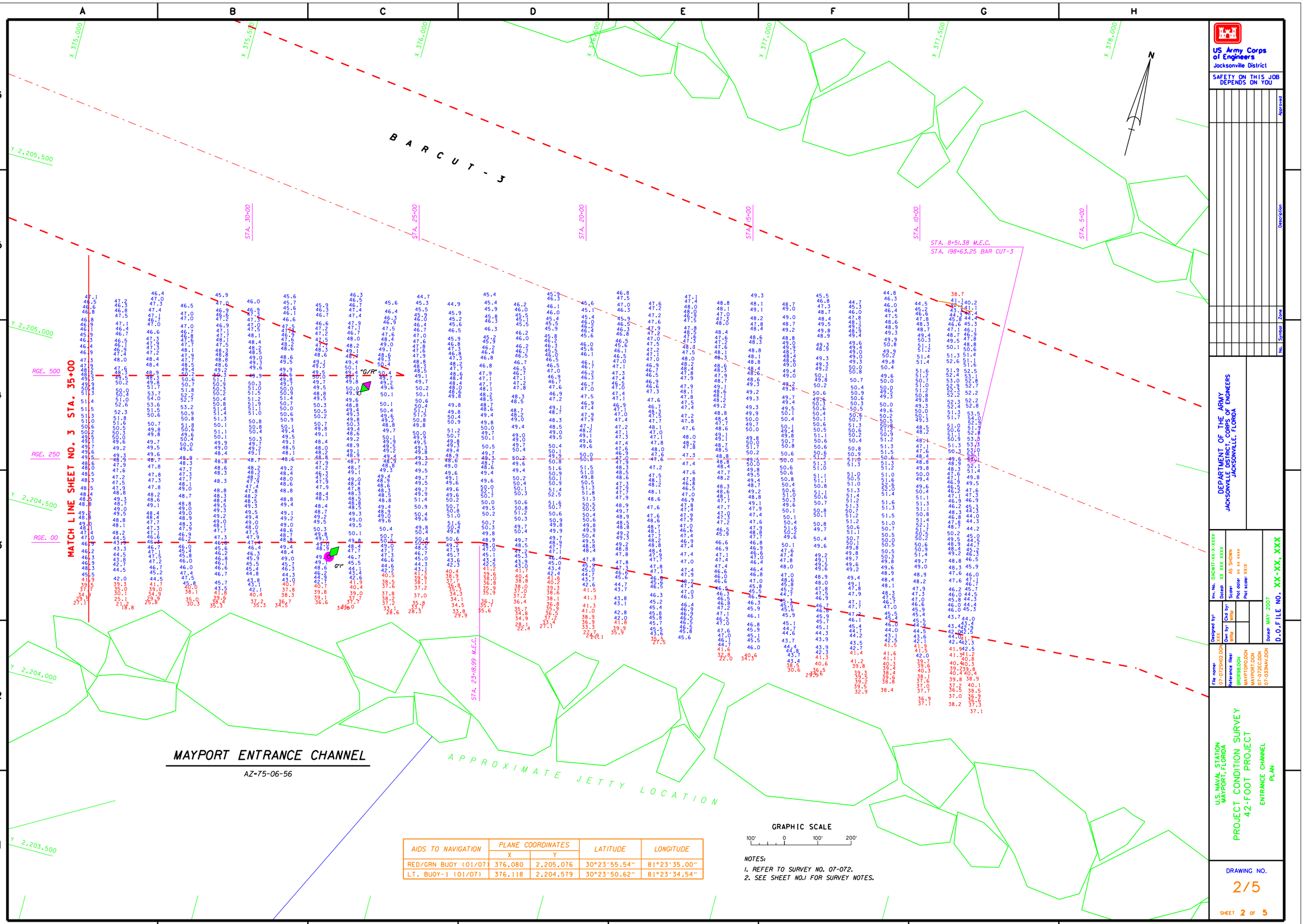
Dated: MAY 2007
D.O.FILE NO. XX-XX, XXX

File name: 07-072SH01.DGN
Reference files: BRDR98.DGN MAYPTOPO.DGN NEWFLMAP.DGN MAYPORT.DGN

U.S. NAVAL STATION
MAYPORT, FLORIDA
PROJECT CONDITION SURVEY
42-FOOT PROJECT
COVER, INDEX & LOCATION PLAN

DRAWING NO.
1/5

SHEET 1 OF 5



MAYPORT ENTRANCE CHANNEL

AZ=75-06-56

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
RED/GRN BUOY (01/07)	376,080	2,205,076	30°23'55.54"	81°23'35.00"
LT. BUOY-1 (01/07)	376,118	2,204,579	30°23'50.62"	81°23'34.54"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 07-072.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: XXX
Dwn by: WRM
Ckd by: WRM

File name: 07-072SH02.DGN
Reference files: BRDR98.DGN MAYPTOPO.DGN MAYPORT.DGN 07-072EC.DGN 07-033NAV.DGN

Dated: MAY 2007
D.O.FILE NO. XX-XX, XXX

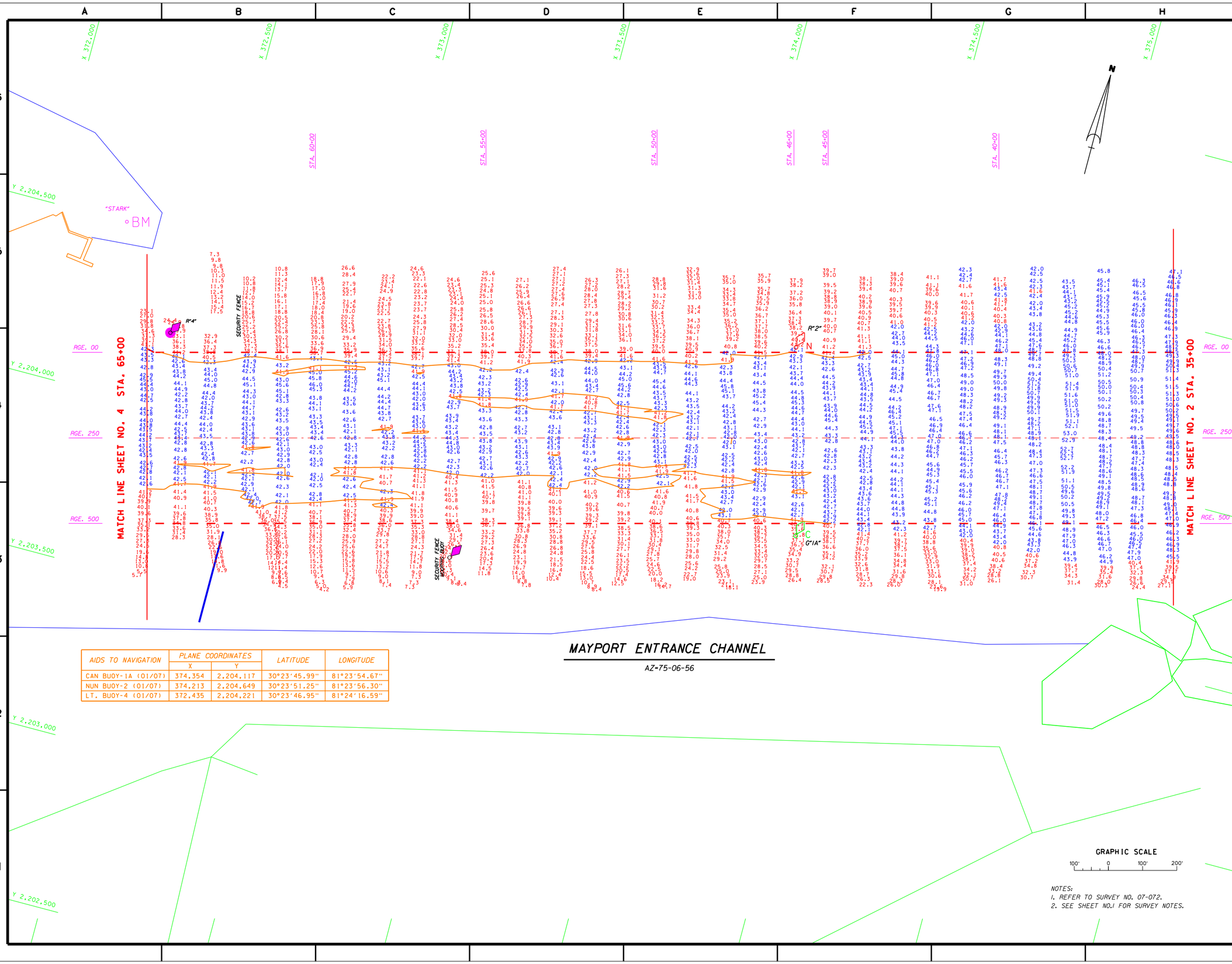
U.S. NAVAL STATION
MAYPORT, FLORIDA

PROJECT CONDITION SURVEY
42-FOOT PROJECT

ENTRANCE CHANNEL
PLAN

DRAWING NO.
2/5

SHEET 2 OF 5



MAYPORT ENTRANCE CHANNEL

AZ=75-06-56

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
CAN BUOY-1A (01/07)	374,354	2,204,117	30°23'45.99"	81°23'54.67"
NUN BUOY-2 (01/07)	374,213	2,204,649	30°23'51.25"	81°23'56.30"
LT. BUOY-4 (01/07)	372,435	2,204,221	30°23'46.95"	81°24'16.59"

NOTES:
1. REFER TO SURVEY NO. 07-072.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: XXX
Dwn by: WRM
Ckd by: WRM

Dated: MAY 2007
D.O.FILE NO. XX-XX, XXX

File name: 07-072SH03.DGN
Reference files: BRDR98.DGN MAYPORT.DGN 07-072EC.DGN MAYTOPO.DGN 07-033NAV.DGN CON42.DGN

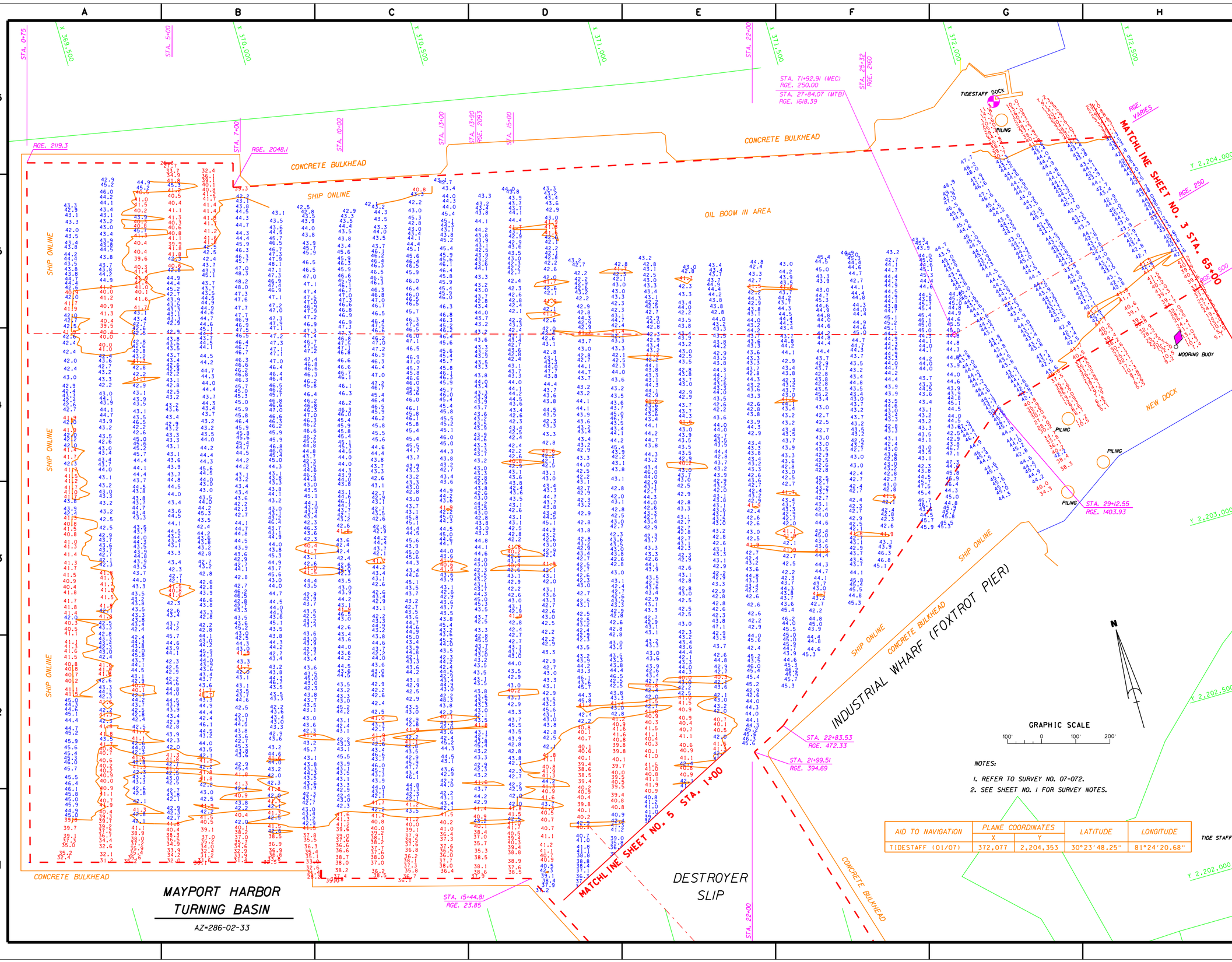
U.S. NAVAL STATION
MAYPORT, FLORIDA

PROJECT CONDITION SURVEY
42-FOOT PROJECT

STA. 35+00 THRU STA. 65+00 ENTRANCE CHANNEL
PLAN

DRAWING NO.
3/5

SHEET 3 OF 5



NOTES:

1. REFER TO SURVEY NO. 07-072.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
TIDESTAFF (01/07)	372,077	2,204,353	30°23'48.25"	81°24'20.68"

TIDE STAFF

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: RWH
Dwn by: WRM
Ckd by: WRM

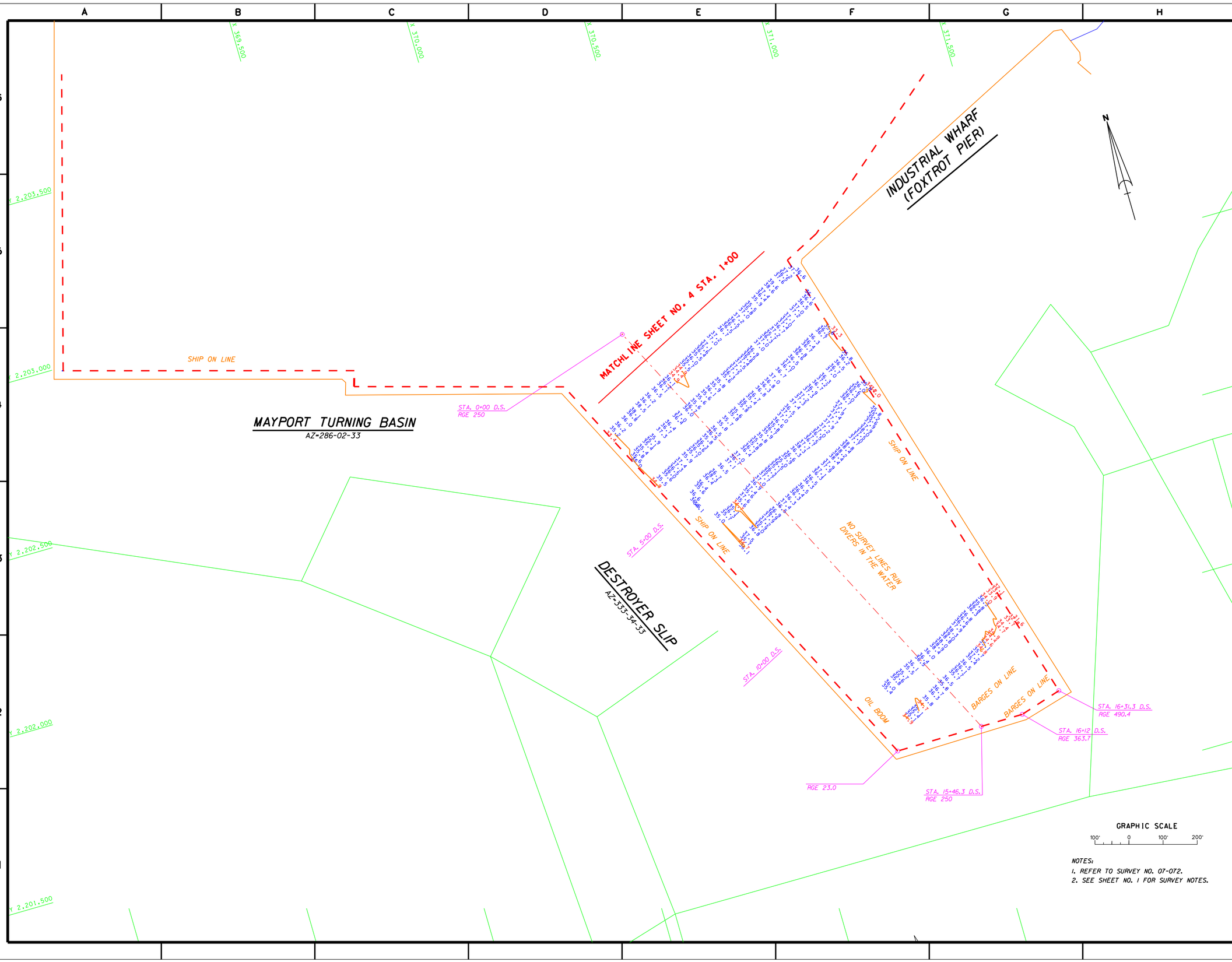
Dated: MAY 2007
D.O.FILE NO. XX-XX, XXX

File name: 07-072SH04.DGN
Reference files: BRDR98.DGN MAYPTOP0.DGN MAYPORT.DGN 07-072NT8.DGN 07-072EC.DGN 07-033NAV.DGN CON42.DGN

U.S. NAVAL STATION
MAYPORT, FLORIDA
PROJECT CONDITION SURVEY
42-FOOT PROJECT
TURNING BASIN
PLAN

DRAWING NO.
4/5

SHEET 4 OF 5



NOTES:
1. REFER TO SURVEY NO. 07-072.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: XXX
Dwn by: WRM
Ckd by: WRM

Dated: XXX 2007
D.O.FILE NO. XX-XX, XXX

File name: 07-072SH05.DGN
Reference files: BRDR98.DGN MAYPORT.DGN MAYPTOPO.DGN 07-072DS.DGN CON35.DGN

U.S. NAVAL STATION
MAYPORT, FLORIDA

PROJECT CONDITION SURVEY
42-FOOT PROJECT
EAST AND WEST DESTROYER SLIPS
PLAN

DRAWING NO.
5/5

SHEET 5 OF 5