



CONSULTANT  
**NIPPON KOEI** NIPPON KOEI Co., Ltd.  
**JARTS** JAPAN RAILWAY TECHNICAL SERVICE  
**NW** NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.

**JICA**  
 JAPAN INTERNATIONAL COOPERATION AGENCY

**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

PROJECT NAME  
 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

DRAWING TITLE  
 PHASE 2 NORTHERN ROUTE

DATE OF ISSUE	03.08.2009	SIZE	A3
SCALE	1/5000		
DRG No.	0/00/000...		
DRG STATUS	PRELIMINARY DESIGN		



CONSULTANT  
**NIPPON KOEI** NIPPON KOEI Co., Ltd.  
**JARTS** JAPAN RAILWAY TECHNICAL SERVICE  
**NK** NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.

**JICA**  
 JAPAN INTERNATIONAL COOPERATION AGENCY

**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

PROJECT NAME  
 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

DRAWING TITLE  
 PHASE 2 NORTHERN ROUTE

DATE OF ISSUE  
 03.08.2009

SCALE  
 1/5000

DRG No.  
 0/00/000...

DRG STATUS  
 PRELIMINARY DESIGN

SIZE  
 A3



**GCM4-N Station No. 12**

CONSULTANT  
**NIPPON KOEI** NIPPON KOEI Co., Ltd.  
**JARTS** JAPAN RAILWAY TECHNICAL SERVICE  
**NK** NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.

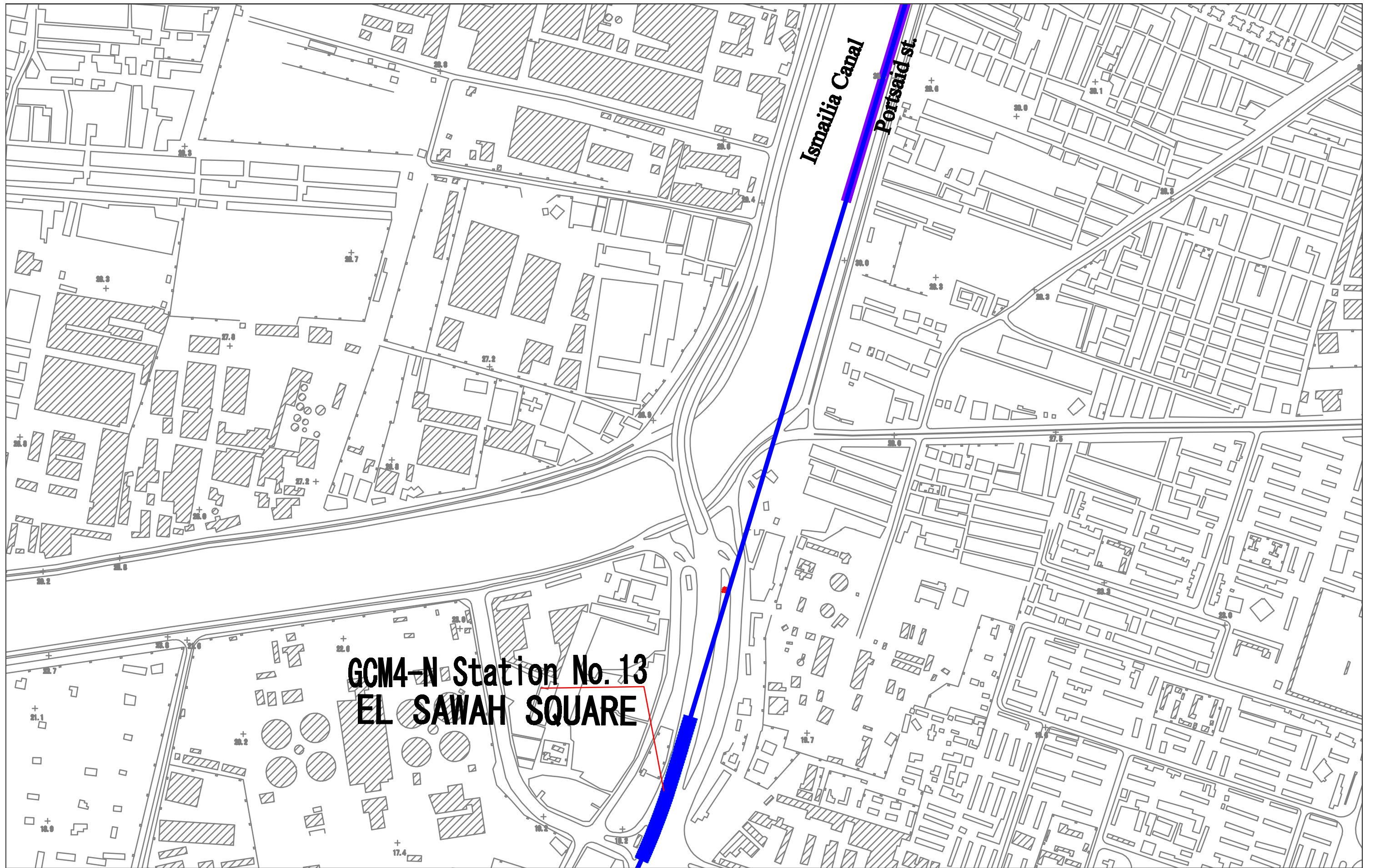
**JICA**  
 JAPAN INTERNATIONAL COOPERATION AGENCY

**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

PROJECT NAME  
**JICA PREPARATORY SURVEY ON GRATER CAIRO METRO LINE NO.4**

DRAWING TITLE  
**PHASE 2 NORTHERN ROUTE**

DATE OF ISSUE  
 03.08.2009  
 SCALE  
 1/5000  
 DRG No.  
 0/00/000...  
 DRG STATUS  
 PRELIMINARY DESIGN  
 SIZE  
 A3



**GCM4-N Station No. 13  
EL SAWAH SQUARE**

CONSULTANT  
**NIPPON KOEI** NIPPON KOEI Co., Ltd.  
**JARTS** JAPAN RAILWAY TECHNICAL SERVICE  
**NK** NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.

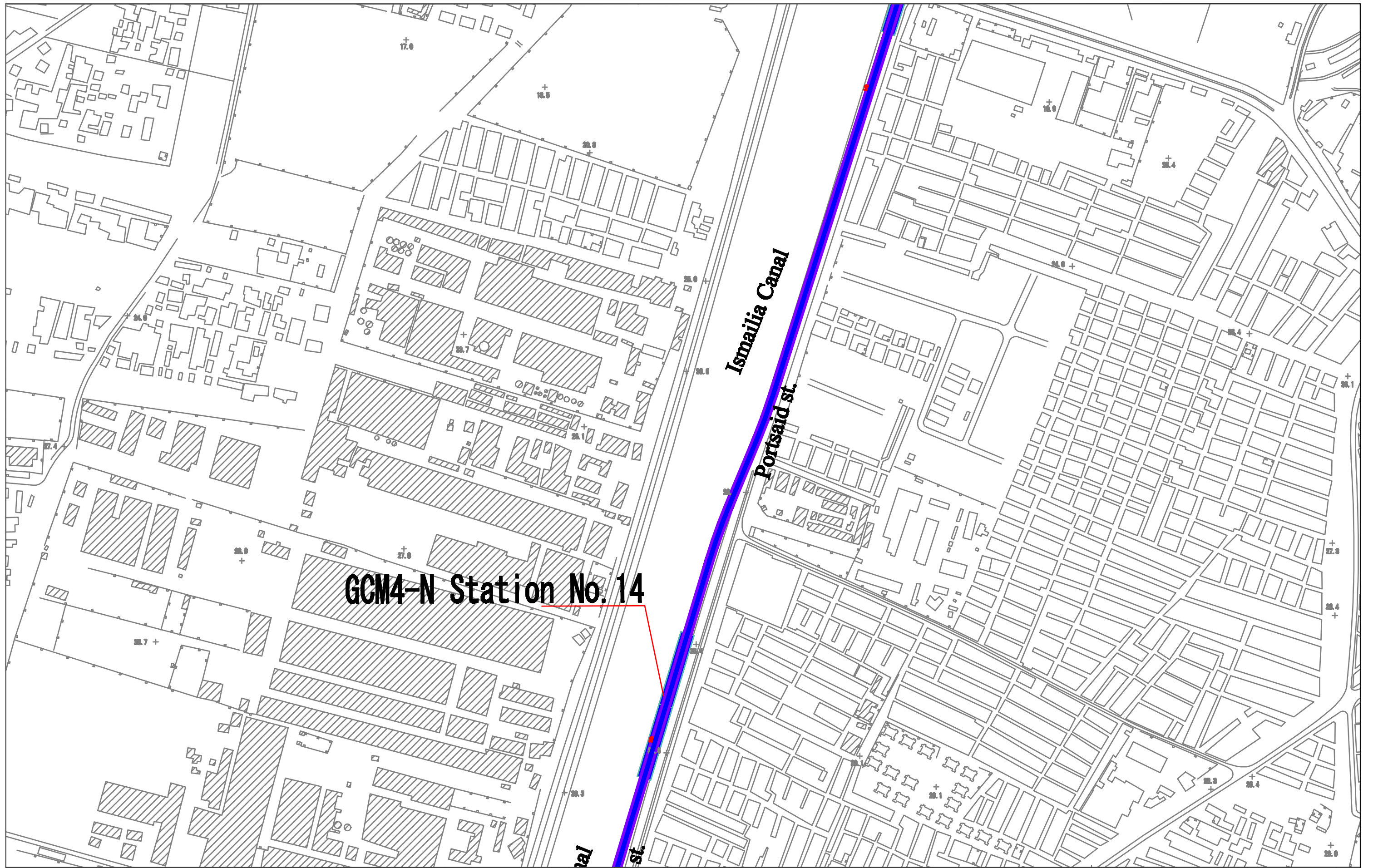
**JICA**  
 JAPAN INTERNATIONAL COOPERATION AGENCY

**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

PROJECT NAME  
**JICA PREPARATORY SURVEY ON GRATER CAIRO METRO LINE NO.4**

DRAWING TITLE  
**PHASE 2 NORTHERN ROUTE**

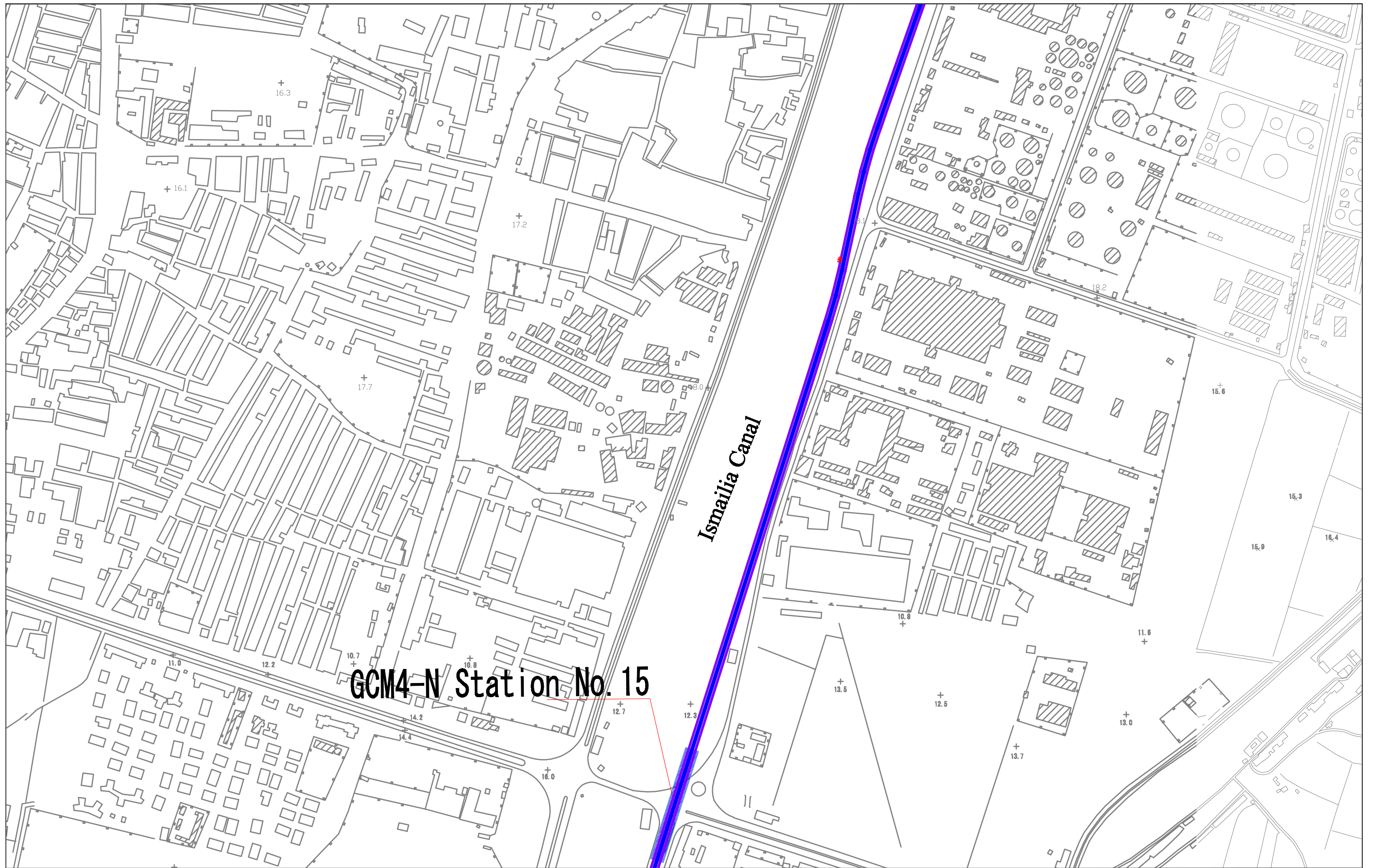
DATE OF ISSUE  
 03.08.2009  
 SCALE  
 1/5000  
 DRG No.  
 0/00/000...  
 DRG STATUS  
 PRELIMINARY DESIGN  
 SIZE  
 A3



**GCM4-N Station No. 14**

**Ismailia Canal**  
**Portsaid st.**

CONSULTANT <b>NIPPON KOEI</b> NIPPON KOEI Co., Ltd. <b>JARTS</b> JAPAN RAILWAY TECHNICAL SERVICE <b>NK</b> NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.		 JAPAN INTERNATIONAL COOPERATION AGENCY		 NATIONAL AUTHORITY FOR TUNNELS (NAT) MINISTRY OF TRANSPORT ARAB REPUBLIC OF EGYPT		PROJECT NAME <b>JICA PREPARATORY SURVEY ON GRATER CAIRO METRO LINE NO.4</b>	DRAWING TITLE <b>PHASE 2 NORTHERN ROUTE</b>	DATE OF ISSUE 03.08.2009	SCALE 1/5000	DRG No. 0/00/000...	DRG STATUS PRELIMINARY DESIGN	SIZE A3
---	--	---	--	--	--	--	--	-----------------------------	-----------------	------------------------	----------------------------------	------------



**GCM4-N Station No. 15**

*Ismailia Canal*

CONSULTANT  
**NIPPON KOEI** NIPPON KOEI Co., Ltd.  
**JARTS** JAPAN RAILWAY TECHNICAL SERVICE  
**NCC** NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.

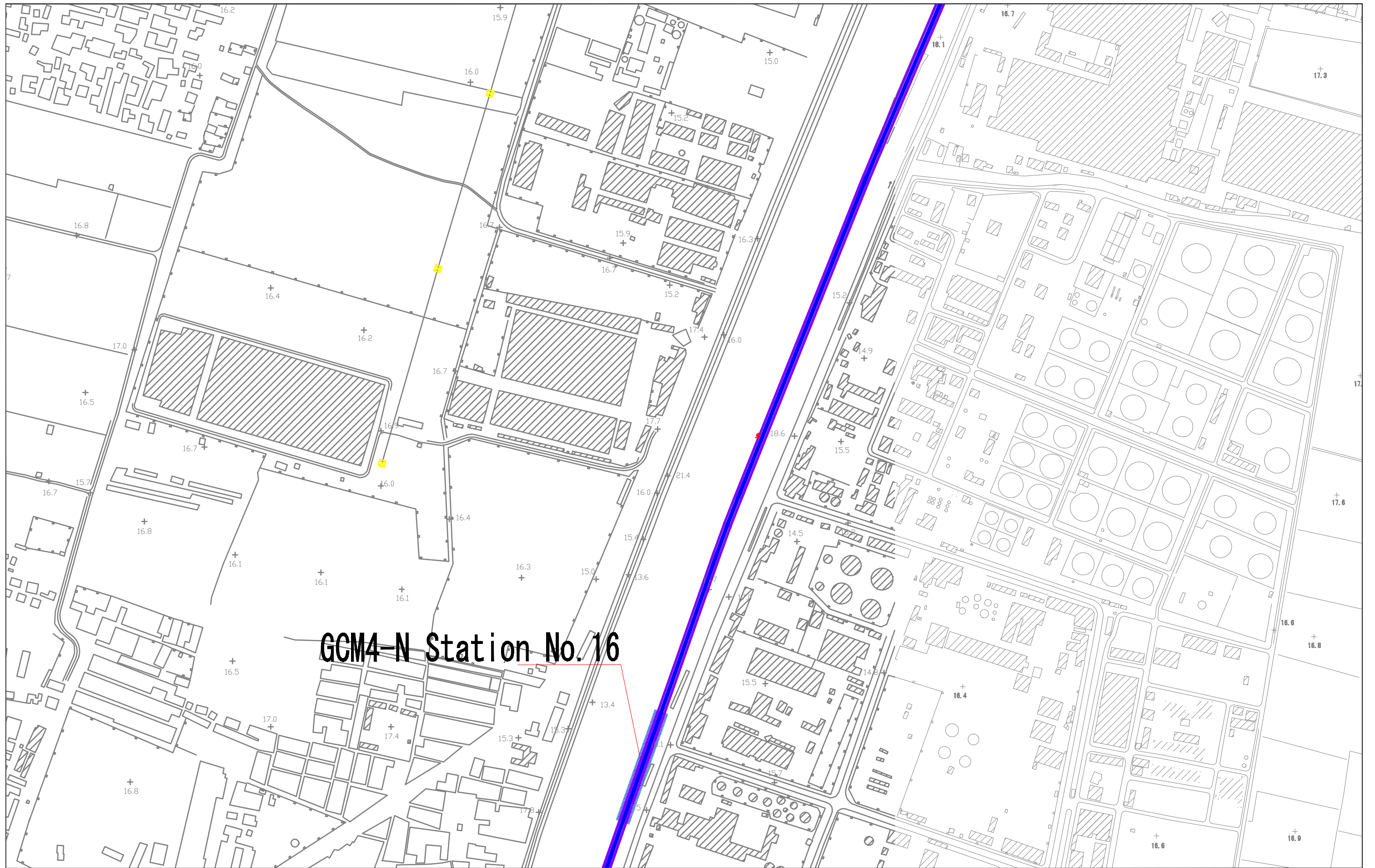
**JICA**  
 JAPAN INTERNATIONAL COOPERATION AGENCY

**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

PROJECT NAME  
**JICA PREPARATORY SURVEY ON GRATER CAIRO METRO LINE NO.4**

DRAWING TITLE  
**PHASE 2 NORTHERN ROUTE**

DATE OF ISSUE  
 03.08.2009  
 SCALE  
 1/5000  
 DRG No.  
 0/00/000...  
 DRG STATUS  
 PRELIMINARY DESIGN  
 SIZE  
 A3



# GCM4-N Station No. 16

**CONSULTANT**  
**NIPPON KOEI** NIPPON KOEI Co., Ltd.  
**JARTS** JAPAN RAILWAY TECHNICAL SERVICE  
**NK** NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.

  
**JICA**  
 JAPAN INTERNATIONAL COOPERATION AGENCY

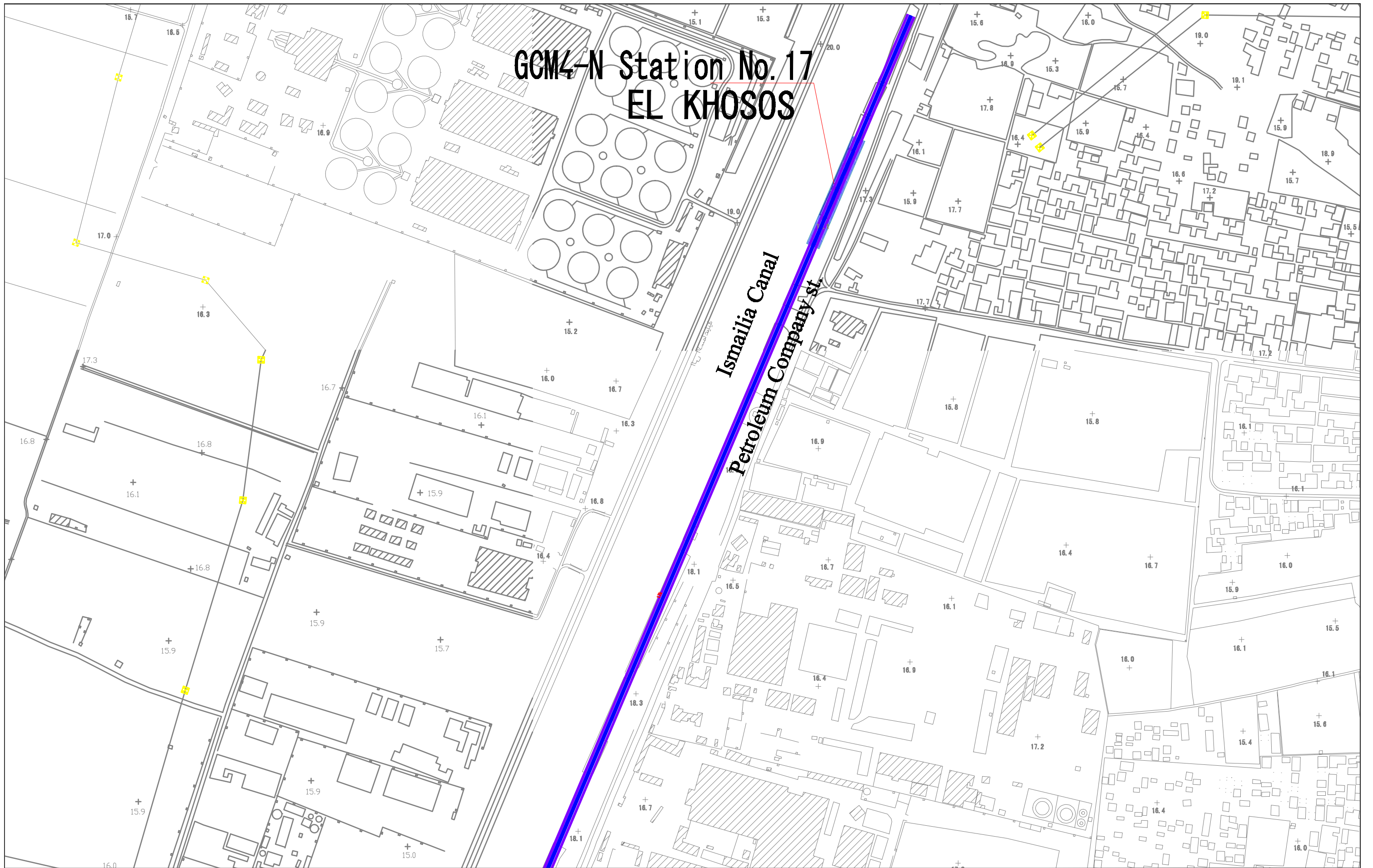
  
**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

**PROJECT NAME**  
 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

**DRAWING TITLE**  
 PHASE 2 NORTHERN ROUTE

<b>DATE OF ISSUE</b>	03.08.2009	<b>SIZE</b>	A3
<b>SCALE</b>	1/5000		
<b>DRG No.</b>	0/00/000...		
<b>DRG STATUS</b>	PRELIMINARY DESIGN		

# GCM4-N Station No. 17 EL KHOSOS



CONSULTANT  
**NIPPON KOEI** NIPPON KOEI Co., Ltd.  
**JARTS** JAPAN RAILWAY TECHNICAL SERVICE  
**NW** NIPPON CIVIC CONSULTING ENGINEERS Co., Ltd.

**JICA**  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

**NAT**  
 NATIONAL AUTHORITY FOR  
 TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

PROJECT NAME  
**JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4**

DRAWING TITLE  
**PHASE 2 NORTHERN ROUTE**

DATE OF ISSUE  
 03.08.2009  
 SCALE  
 1/5000  
 DRG No.  
 0/00/000...  
 DRG STATUS  
 PRELIMINARY DESIGN  
 SIZE  
 A3