



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

**JICA**  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

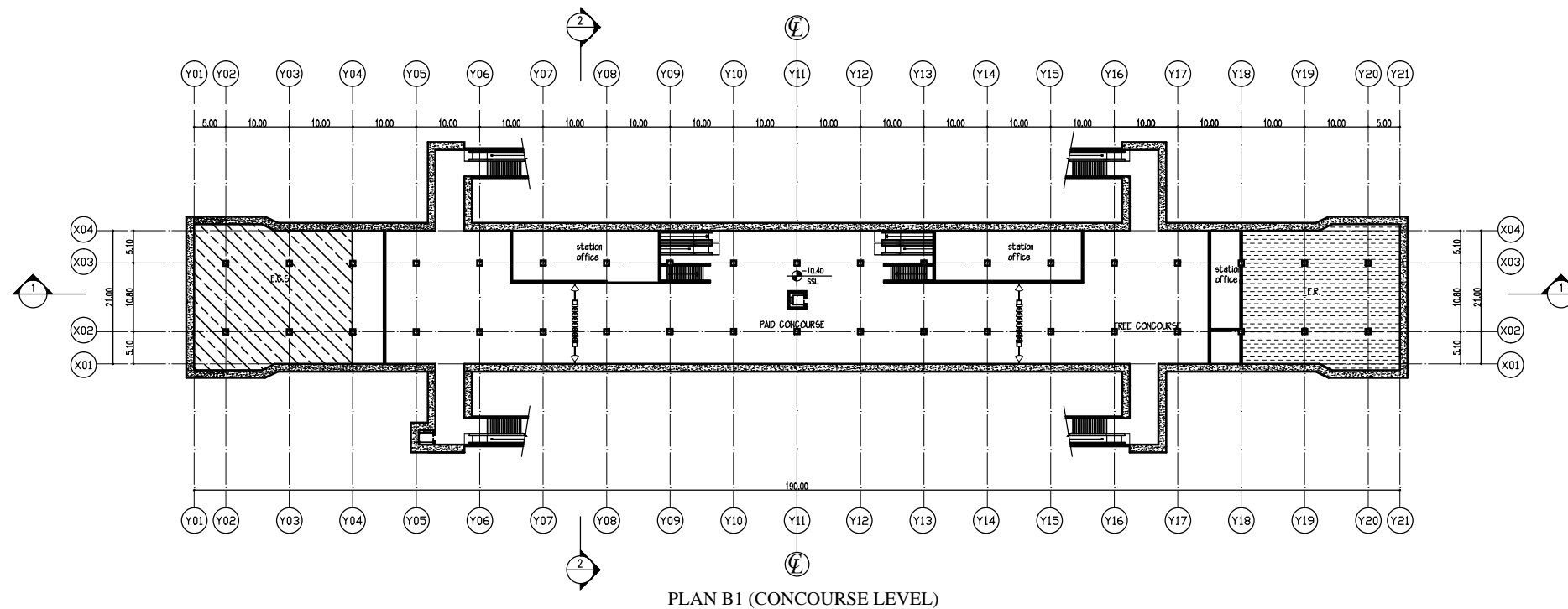
**NAT**  
 NATIONAL AUTHORITY FOR  
 TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

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

DRAWING TITLE  
**STATION NO,7**  
**SRTREET LEVEL**

DATE OF ISSUE 24.12.2009	SIZE A3
SCALE 1:1000	
DRG No. M4/ST/W07001	
DRG STATUS PRELIMINARY DESIGN	

- T.V.F. ; Tunnel Ventilation Fans
- T.E.F. ; Tunnel Exhaust Fans
- E.R. ; Electric Room
- A.H.U. ; Air Handling Unit
- E.C.S. ; Environmental Control System
- M.H. ; Maintenance Hatch



PLAN B1 (CONCOURSE LEVEL)

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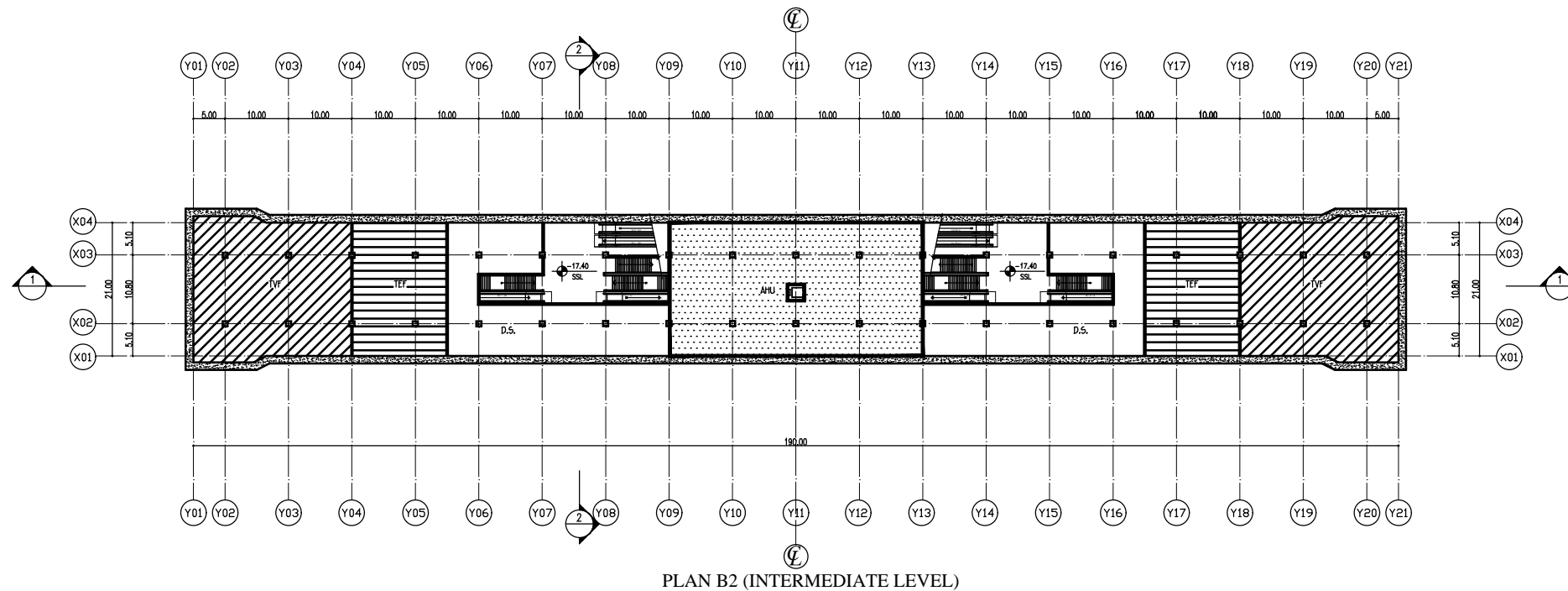
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 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

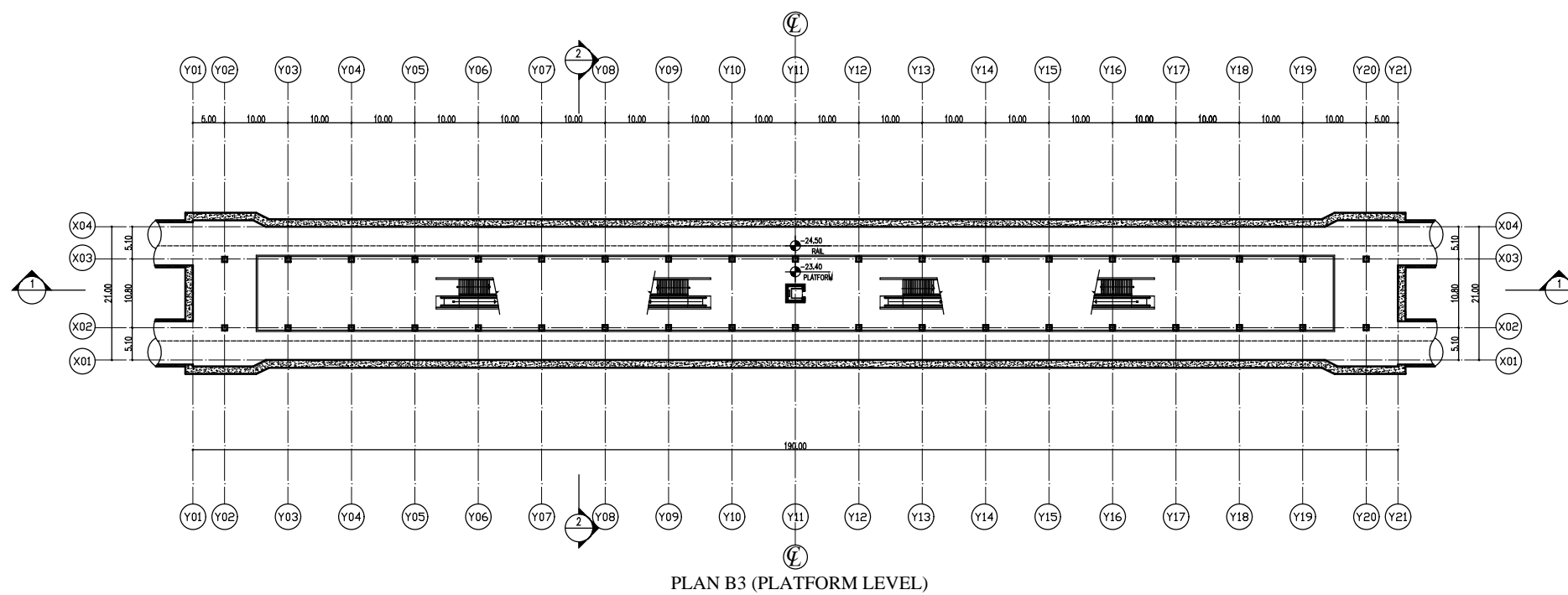
PROJECT NAME  
 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

DRAWING TITLE  
 STATION NO,7  
 CONCOURSE LEVEL

DATE OF ISSUE 24.12.2009	SIZE A3
SCALE 1:1000	
DRG No. M4/ST/W07002	
DRG STATUS PRELIMINARY DESIGN	



- T.V.F. ; Tunnel Ventilation Fans
- T.E.F. ; Tunnel Exhaust Fans
- E.R. ; Electric Room
- A.H.U. ; Air Handling Unit
- E.C.S. ; Environmental Control System
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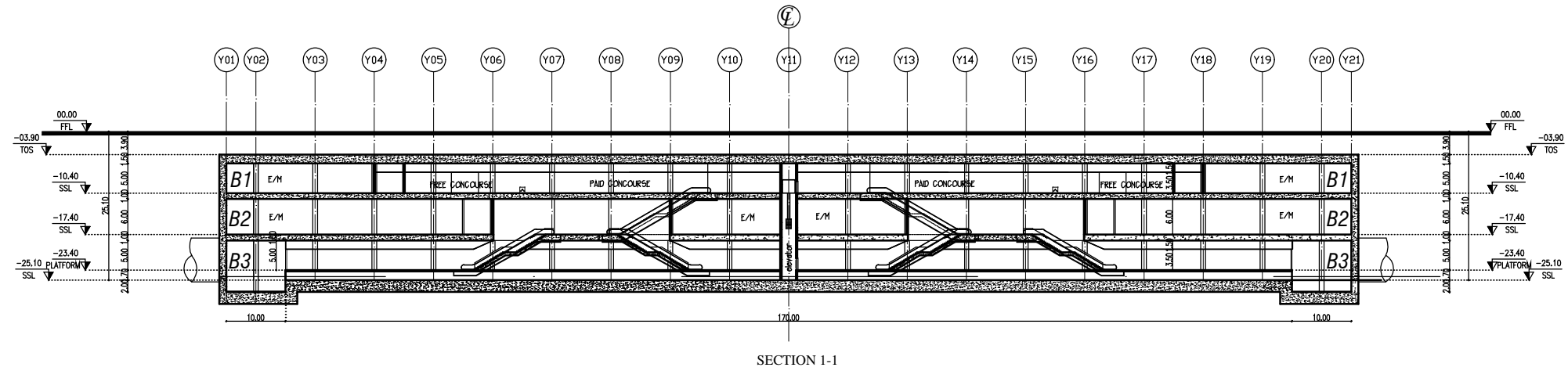
**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

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

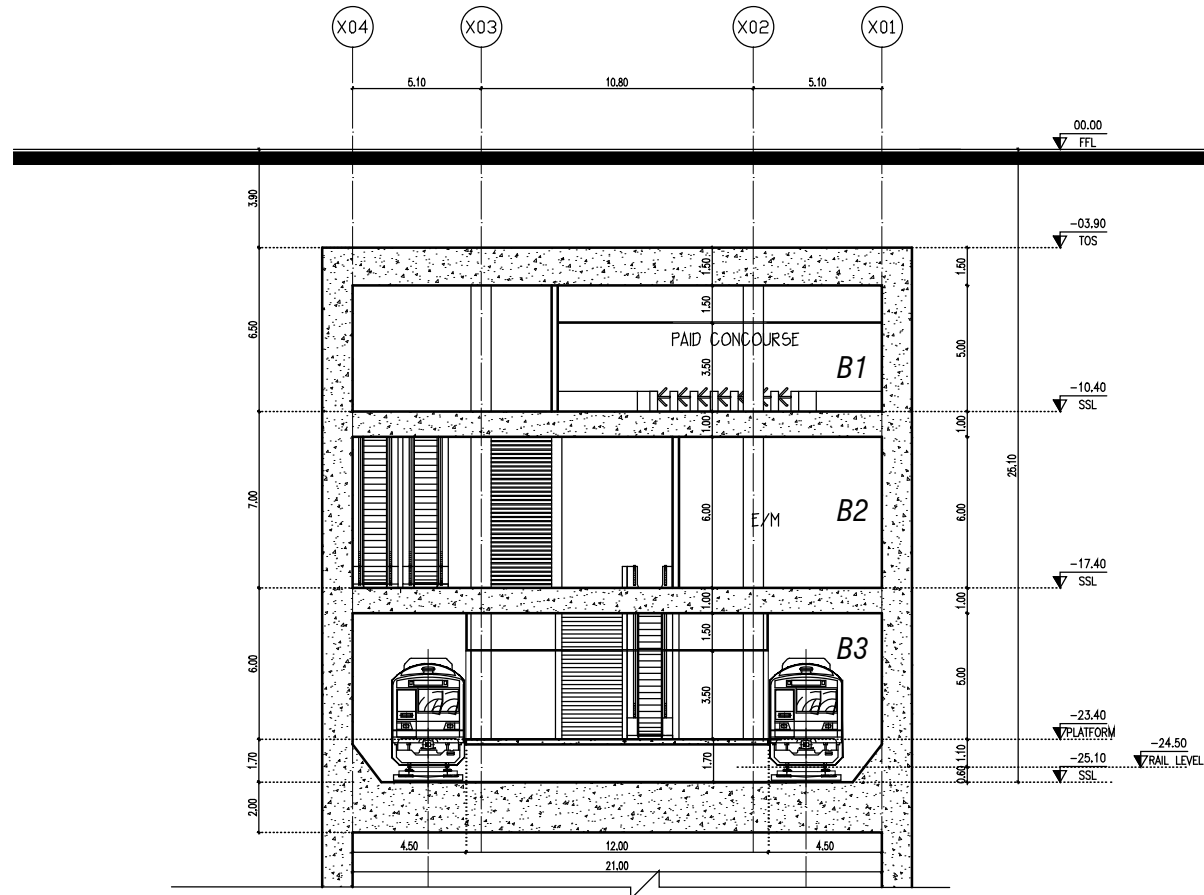
DRAWING TITLE  
 STATION NO,7  
 INTERMEDIATE & PLATFORM LEVEL

DATE OF ISSUE  
 24.12.2009  
 SCALE  
 1:1000  
 DRG No.  
 M4/ST/W07003  
 DRG STATUS  
 PRELIMINARY DESIGN

SIZE  
 A3



SECTION 1-1



SECTION 2-2

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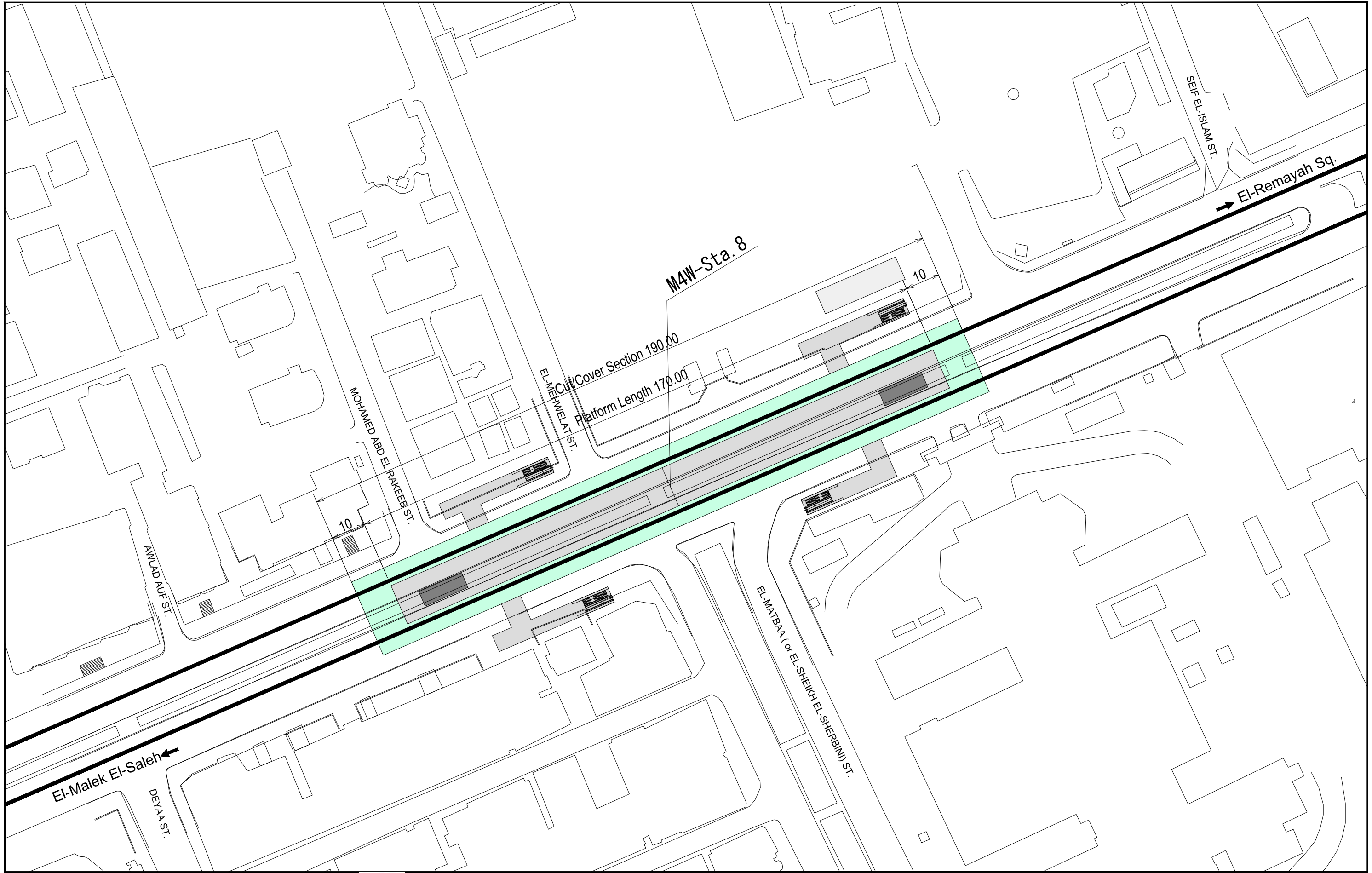
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**NAT**  
 NATIONAL AUTHORITY FOR  
 TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

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

DRAWING TITLE  
 STATION NO,7  
 LONGITUDINAL & CROSS SECTION

DATE OF ISSUE  
 24.12.2009  
 SCALE 1:1000  
 1:300  
 DRG No.  
 M4/ST/W07004  
 DRG STATUS  
 PRELIMINARY DESIGN  
 SIZE  
 A3



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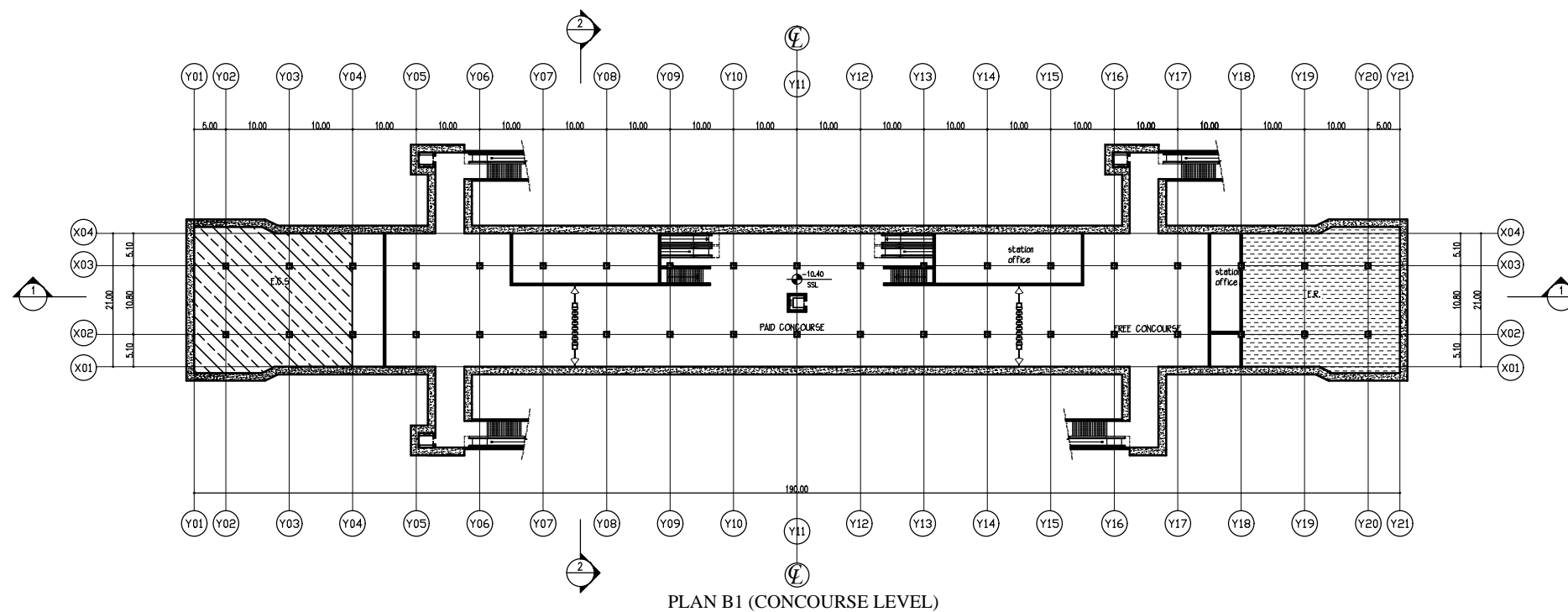
**NAT**  
 NATIONAL AUTHORITY FOR TUNNELS (NAT)  
 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

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

DRAWING TITLE  
**STATION NO,8**  
**STREET LEVEL**

DATE OF ISSUE 24.12.2009	SIZE A3
SCALE 1:1000	
DRG No. M4/ST/W08001	
DRG STATUS PRELIMINARY DESIGN	

- T.V.F. ; Tunnel Ventilation Fans
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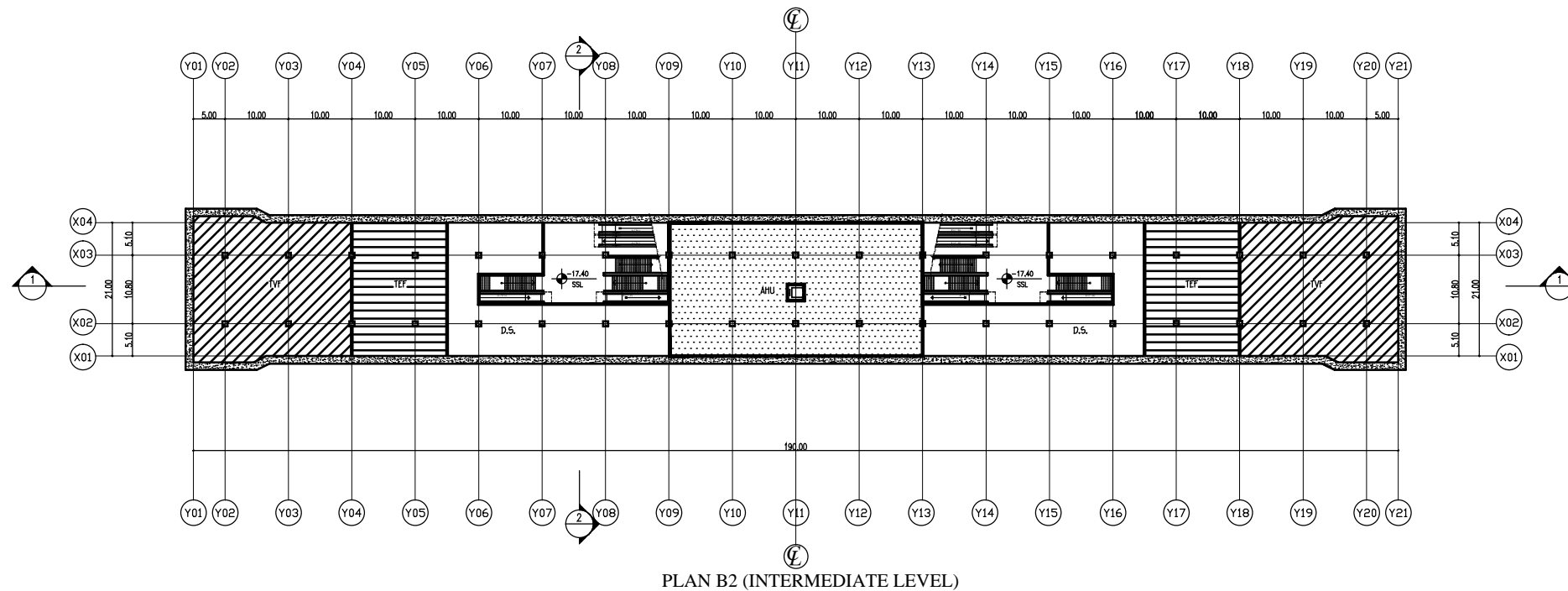
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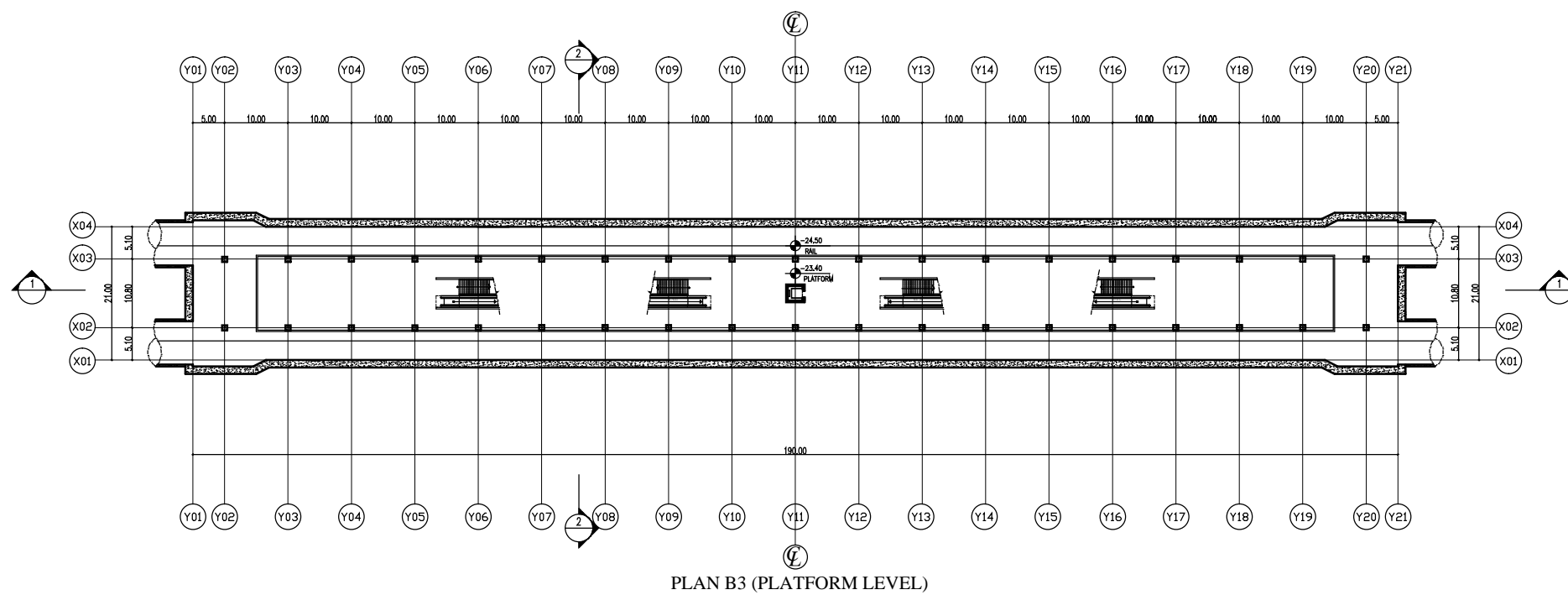
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 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

DRAWING TITLE  
 STATION NO,8  
 CONCOURSE LEVEL

DATE OF ISSUE 24.12.2009	SIZE A3
SCALE 1:1000	
DRG No. M4/ST/W08002	
DRG STATUS PRELIMINARY DESIGN	



- T.V.F. ; Tunnel Ventilation Fans
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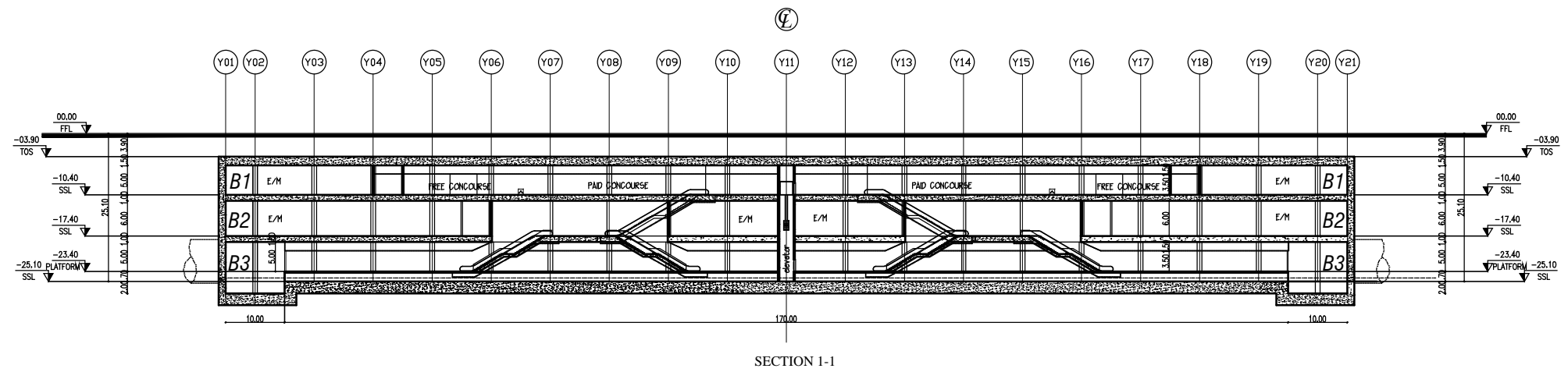
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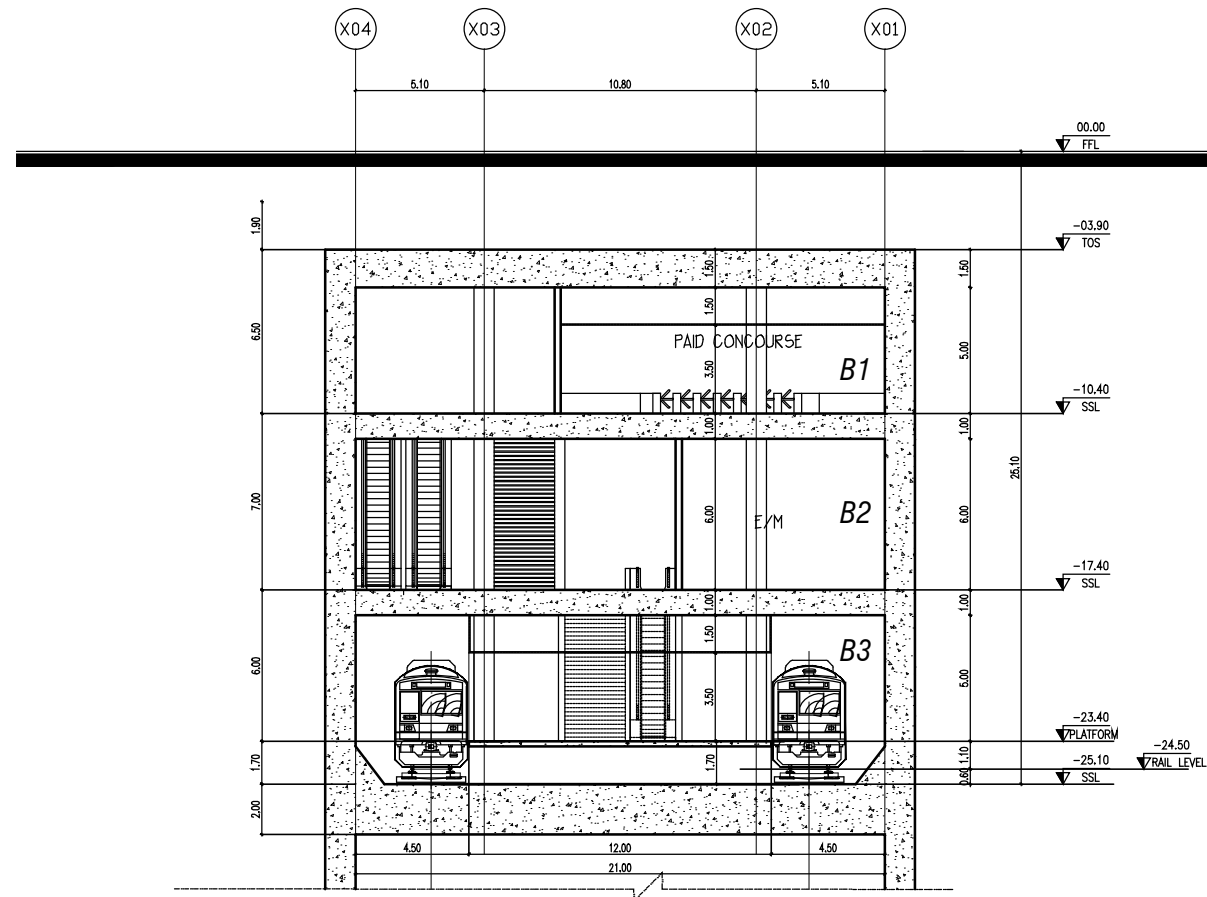
PROJECT NAME  
 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

DRAWING TITLE  
**STATION NO,8**  
**INTERMEDIATE & PLATFORM LEVEL**

DATE OF ISSUE 24.12.2009	SIZE A3
SCALE 1:1000	
DRG No. M4/ST/W08003	
DRG STATUS PRELIMINARY DESIGN	



SECTION 1-1



SECTION 2-2

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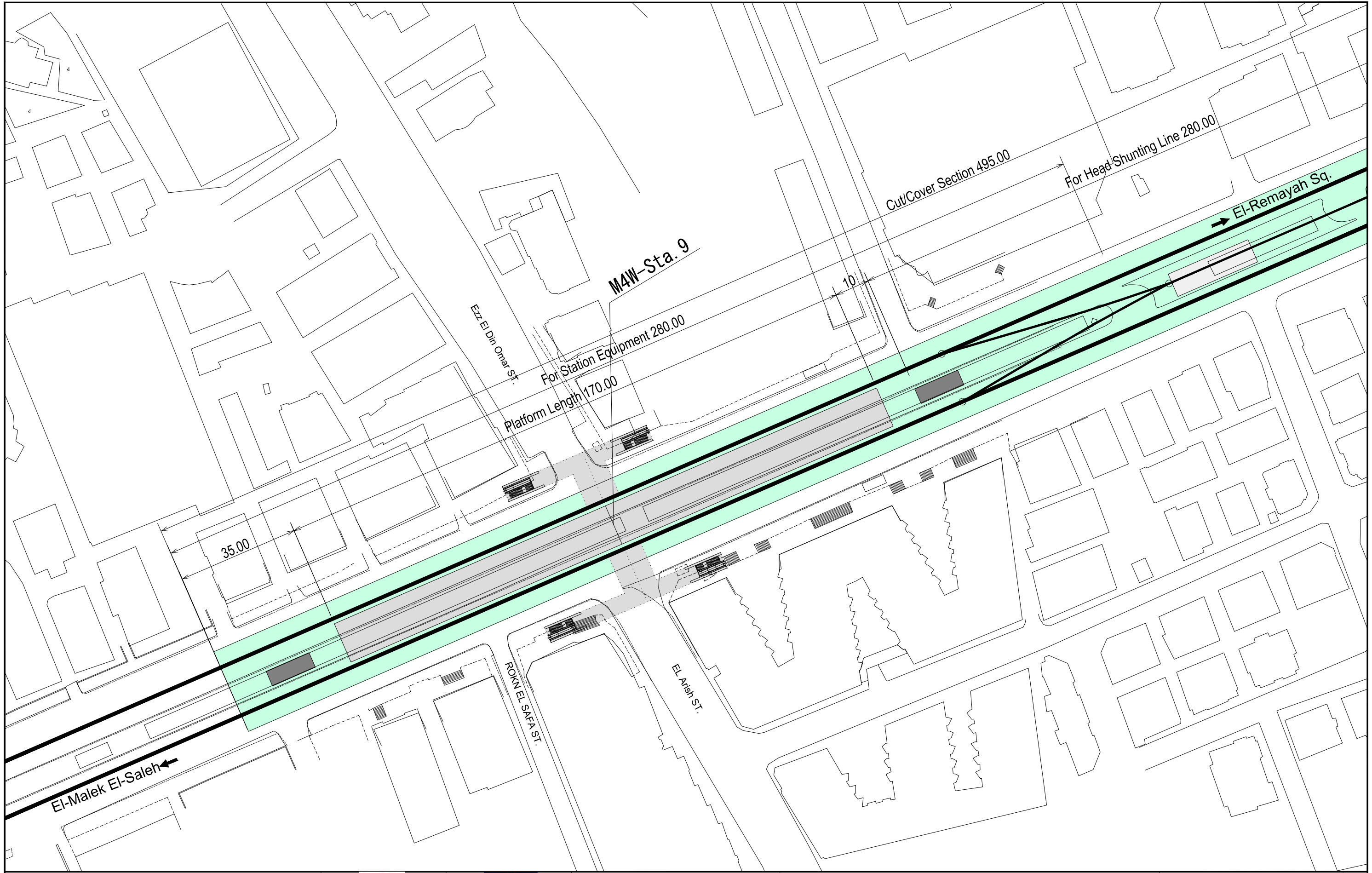
**NAT**  
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 MINISTRY OF TRANSPORT  
 ARAB REPUBLIC OF EGYPT

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

DRAWING TITLE  
**STATION NO,8**  
**LONGITUDINAL & CROSS SECTION**

DATE OF ISSUE  
 24.12.2009  
 SCALE 1:1000  
 1:300  
 DRG No.  
 M4/ST/W08004  
 DRG STATUS  
 PRELIMINARY DESIGN  
 SIZE  
 A3





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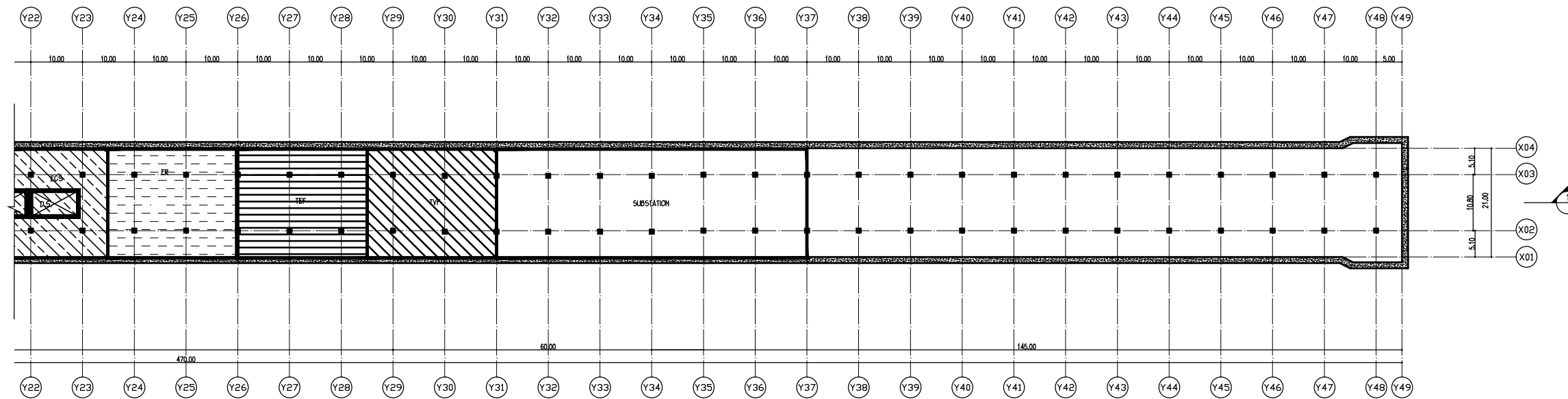
  
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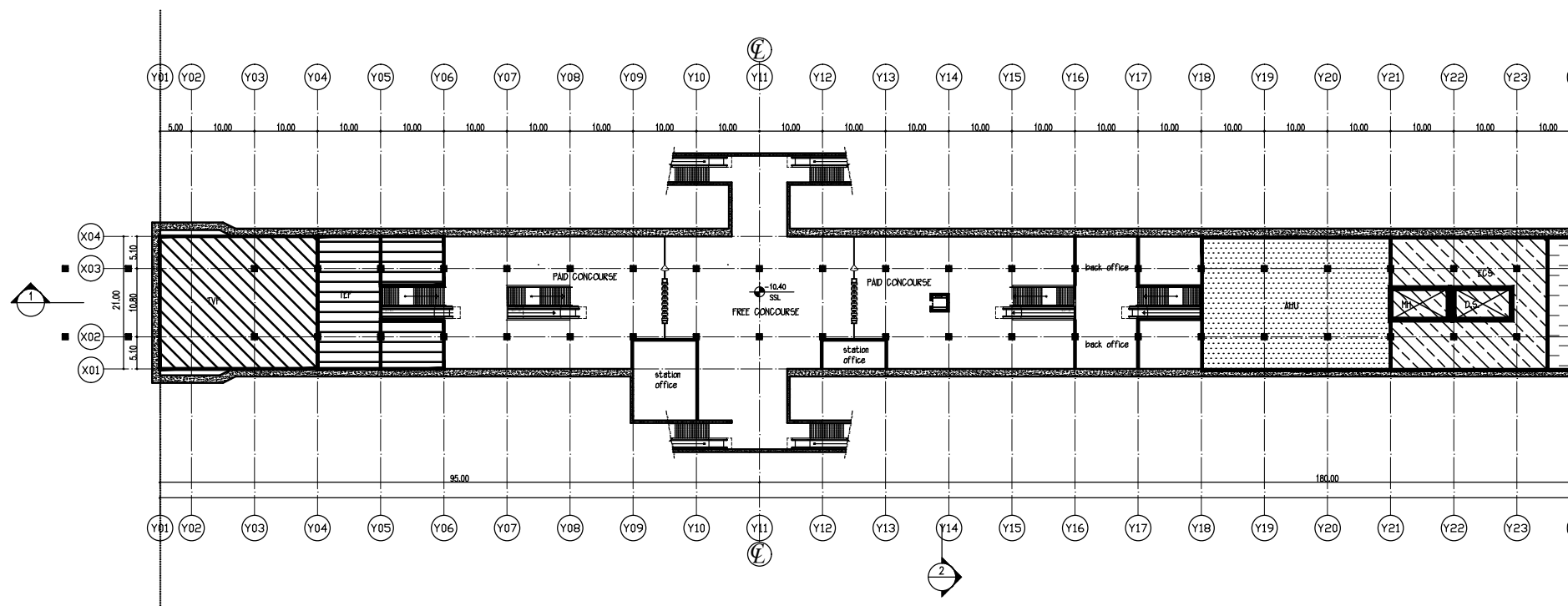
PROJECT NAME  
 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

DRAWING TITLE  
**STATION NO. ( 9 )**  
**STREET LEVEL**

DATE OF ISSUE 24.12.2009	SIZE A3
SCALE 1:1000	
DRG No. M4/ST/WT09001	
DRG STATUS PRELIMINARY DESIGN	



PLAN B1 (CONCOURSE LEVEL)



- T.V.F. ; Tunnel Ventilation Fans
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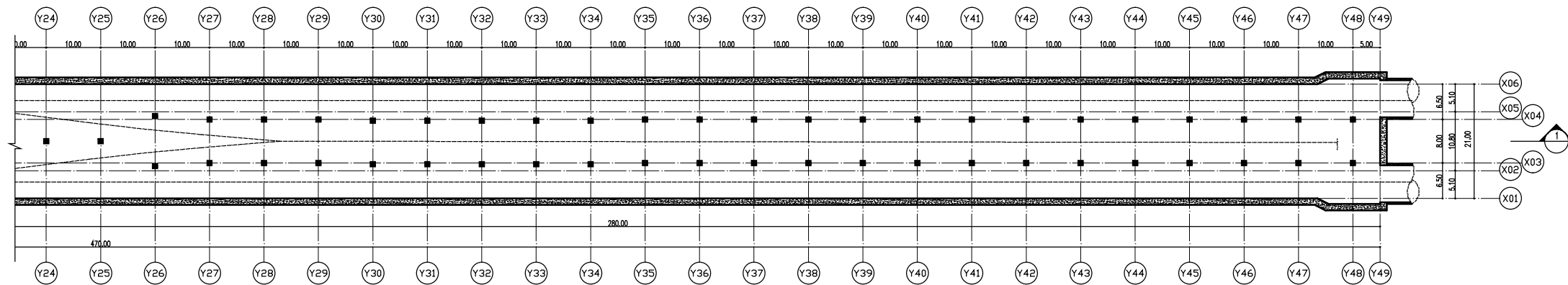
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 ON GRATER CAIRO METRO LINE NO.4

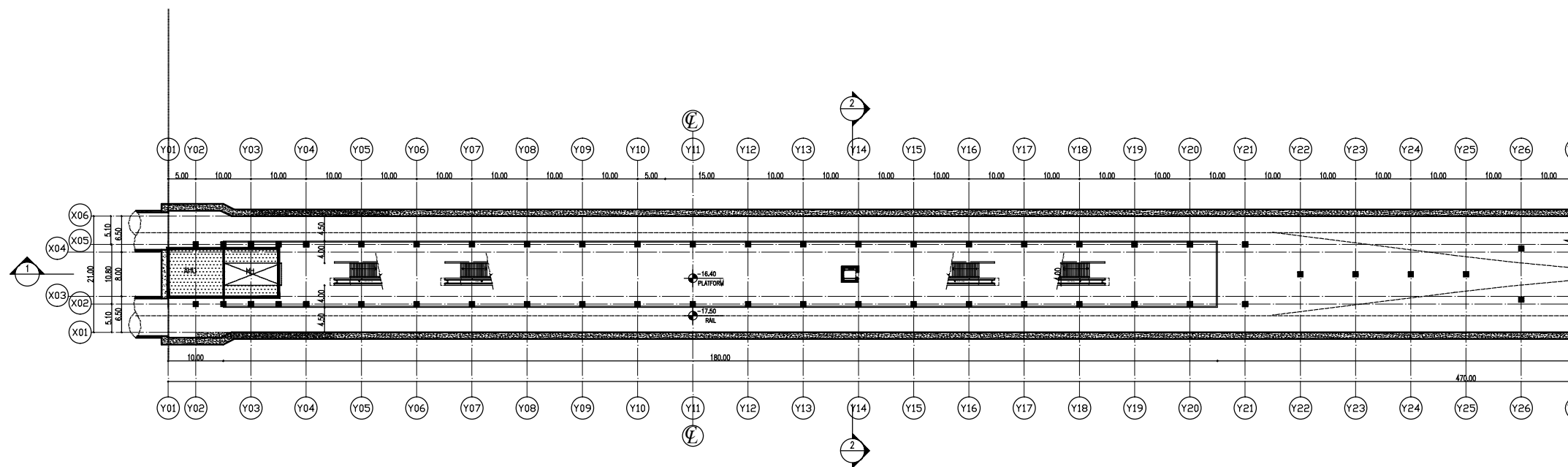
DRAWING TITLE  
 STATION NO. ( 9 )  
 CONCOURSE LEVEL

DATE OF ISSUE  
 24.12.2009  
 SCALE  
 1:1000  
 DRG No.  
 M4/ST/WT09002  
 DRG STATUS  
 PRELIMINARY DESIGN

SIZE  
 A3



PLAN B2 (PLATFORM LEVEL)



- T.V.F. ; Tunnel Ventilation Fans
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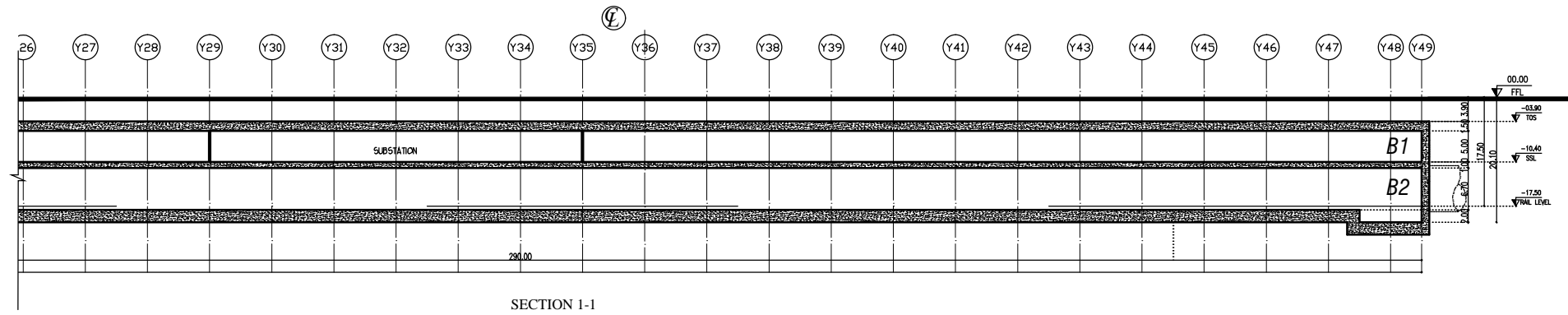
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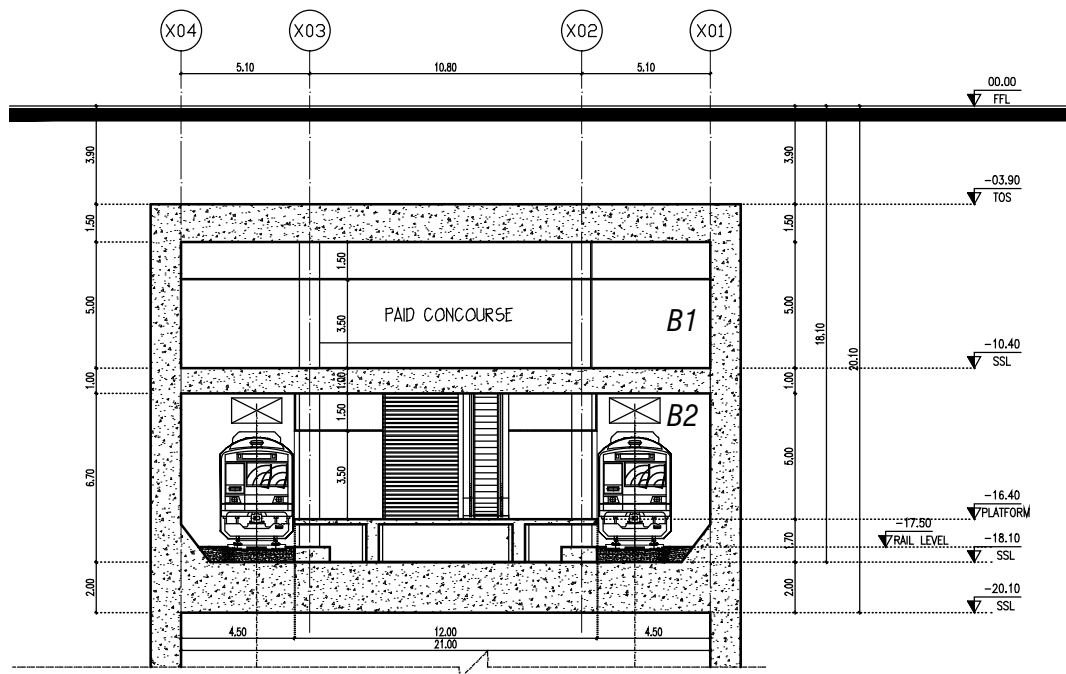
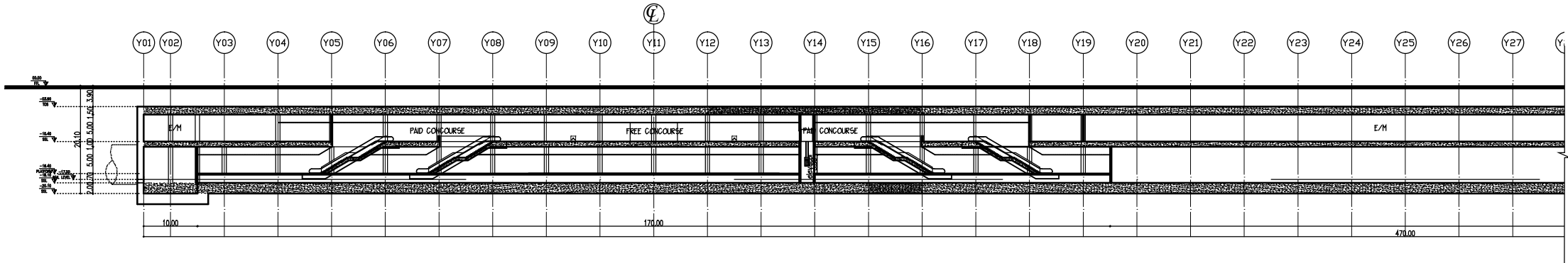
PROJECT NAME  
 JICA PREPARATORY SURVEY  
 ON GRATER CAIRO METRO LINE NO.4

DRAWING TITLE  
 STATION NO. ( 9 )  
 PLATFORM LEVEL

DATE OF ISSUE 24.12.2009	SIZE A3
SCALE 1:1000	
DRG No. M4/ST/WT09003	
DRG STATUS PRELIMINARY DESIGN	



SECTION 1-1



SECTION 2-2

CONSULTANT  
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DRAWING TITLE  
 STATION NO. ( 9 )  
 LONGITUDINAL & CROSS SECTION

DATE OF ISSUE  
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 SCALE  
 1:1000  
 1:300  
 DRG No.  
 M4/ST/WT09004  
 DRG STATUS  
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SIZE  
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