

タイ王国  
バンコック首都圏庁

タイ国道路交通安全計画調査  
(ビクトリーモニュメント)

最終報告書  
Volume II : 図面集

昭和59年1月

国際協力事業団

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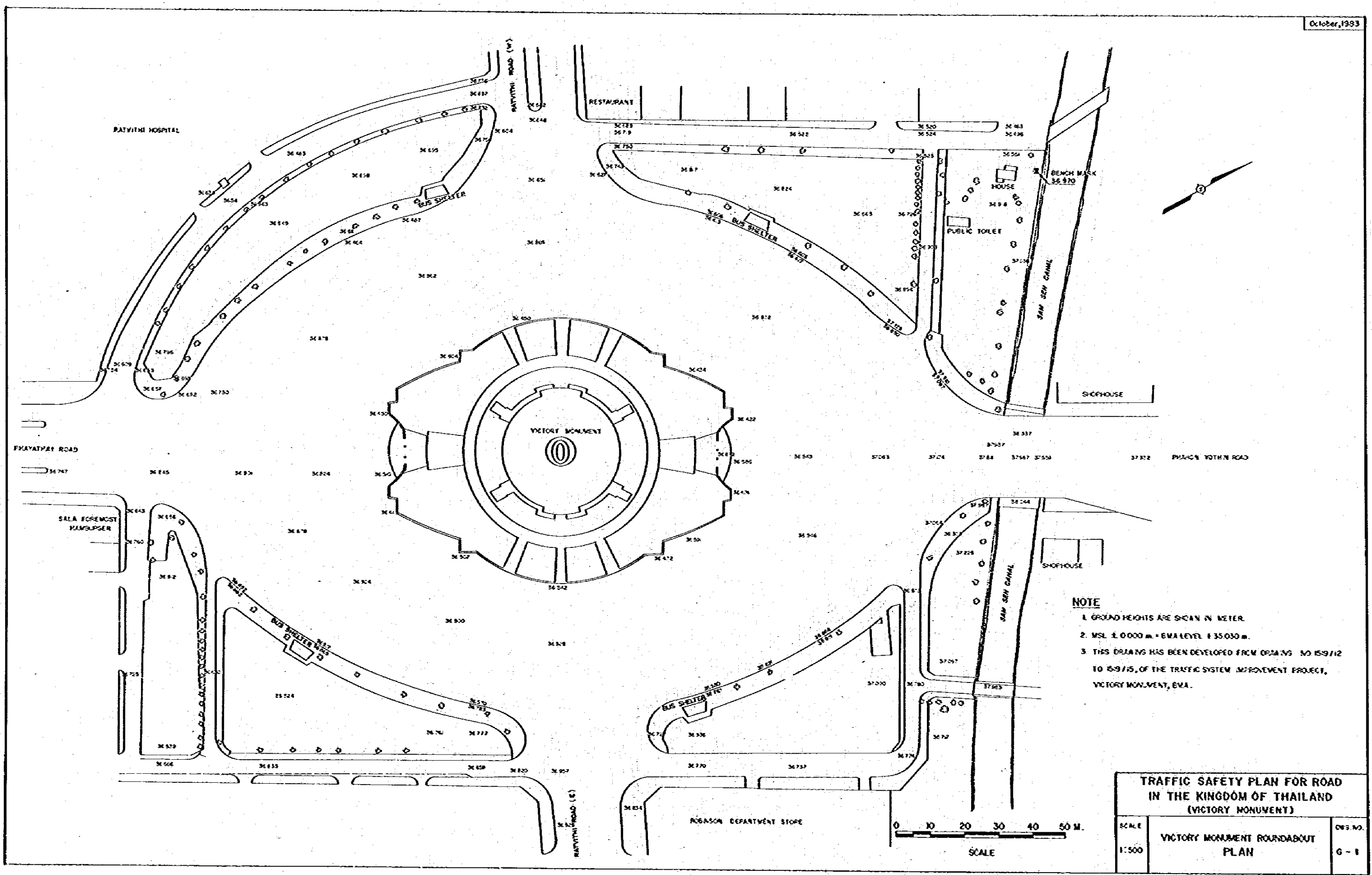
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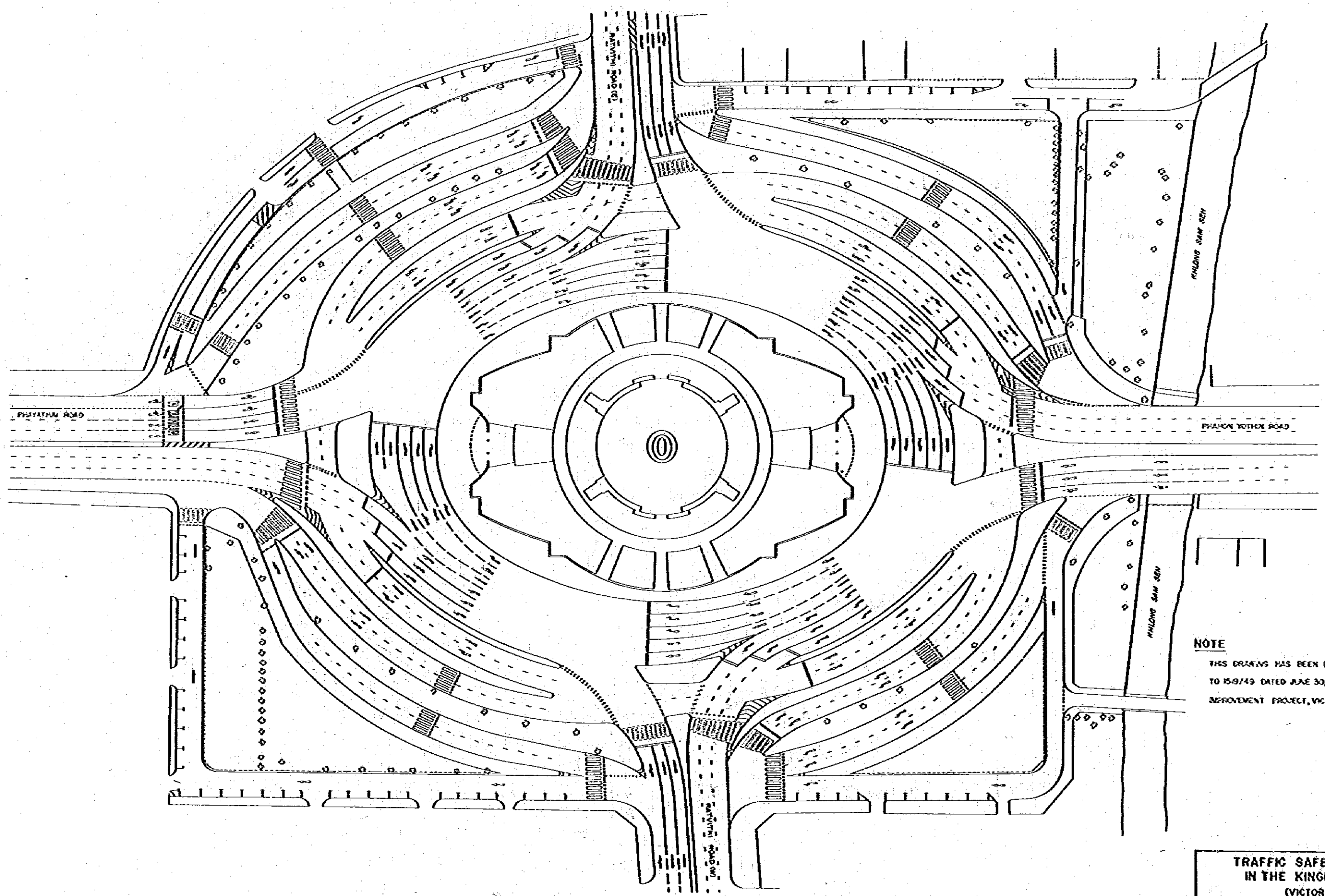
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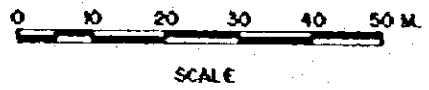
**NOTE**

1. GROUND HEIGHTS ARE SHOWN IN METER.
2. MSL ± 0.000 m. ± SEA LEVEL ± 35.030 m.
3. THIS DRAWING HAS BEEN DEVELOPED FROM DRAWINGS NO. 159/112 TO 159/115, OF THE TRAFFIC SYSTEM IMPROVEMENT PROJECT, VICTORY MONUMENT, EVA.

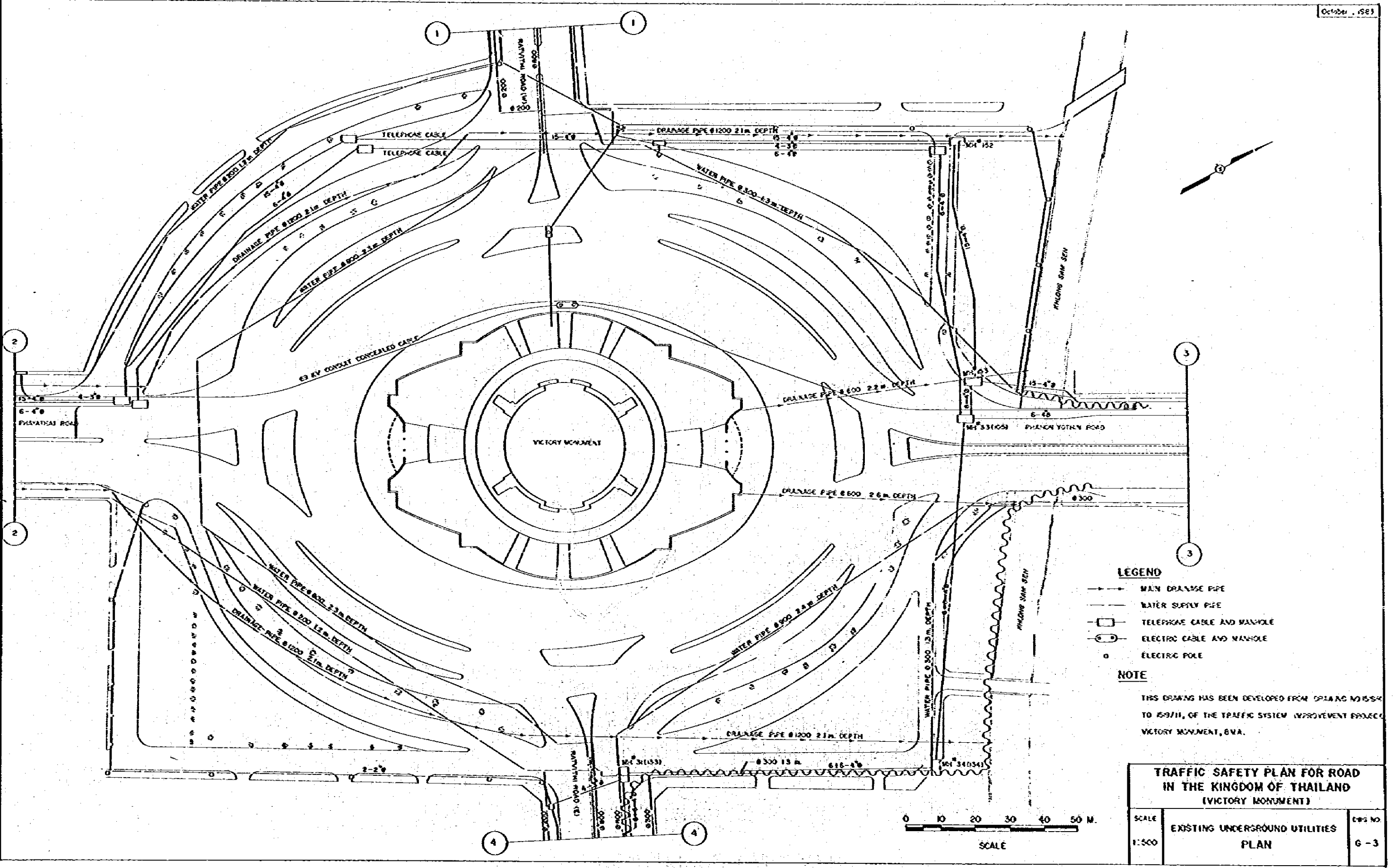
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	VICTORY MONUMENT ROUNDABOUT PLAN	DRG. NO.
1:500		G-1



**NOTE**  
 THIS DRAWING HAS BEEN DEVELOPED FROM DRAWING NO. 159/46 TO 159/49 DATED JUNE 30, 1983, OF THE TRAFFIC SYSTEM IMPROVEMENT PROJECT, VICTORY MONUMENT, B.M.A.



TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	SEPARATE UNDERPASS	DWG. NO.
1: 500	BMA ROAD IMPROVEMENT PROJECT	6-2
	PLAN	



**LEGEND**

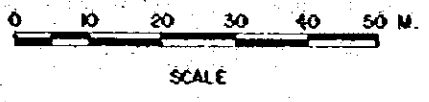
- +— MAIN DRAINAGE PIPE
- WATER SUPPLY PIPE
- TELEGRAPHIC CABLE AND MANHOLE
- ELECTRIC CABLE AND MANHOLE
- o ELECTRIC POLE

**NOTE**

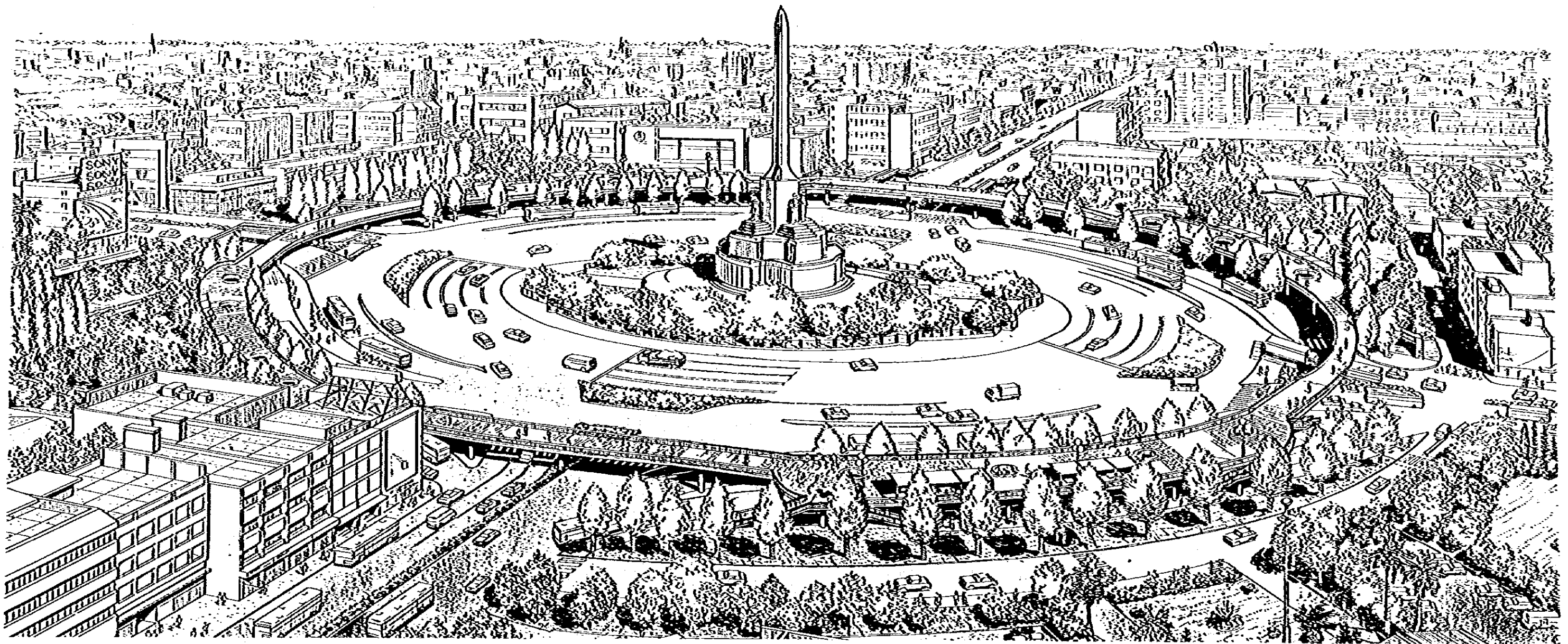
THIS DRAWING HAS BEEN DEVELOPED FROM DRAWING NO. 155/84 TO 159/11, OF THE TRAFFIC SYSTEM IMPROVEMENT PROJECT, VICTORY MONUMENT, BVA.

**TRAFFIC SAFETY PLAN FOR ROAD  
IN THE KINGDOM OF THAILAND  
(VICTORY MONUMENT)**

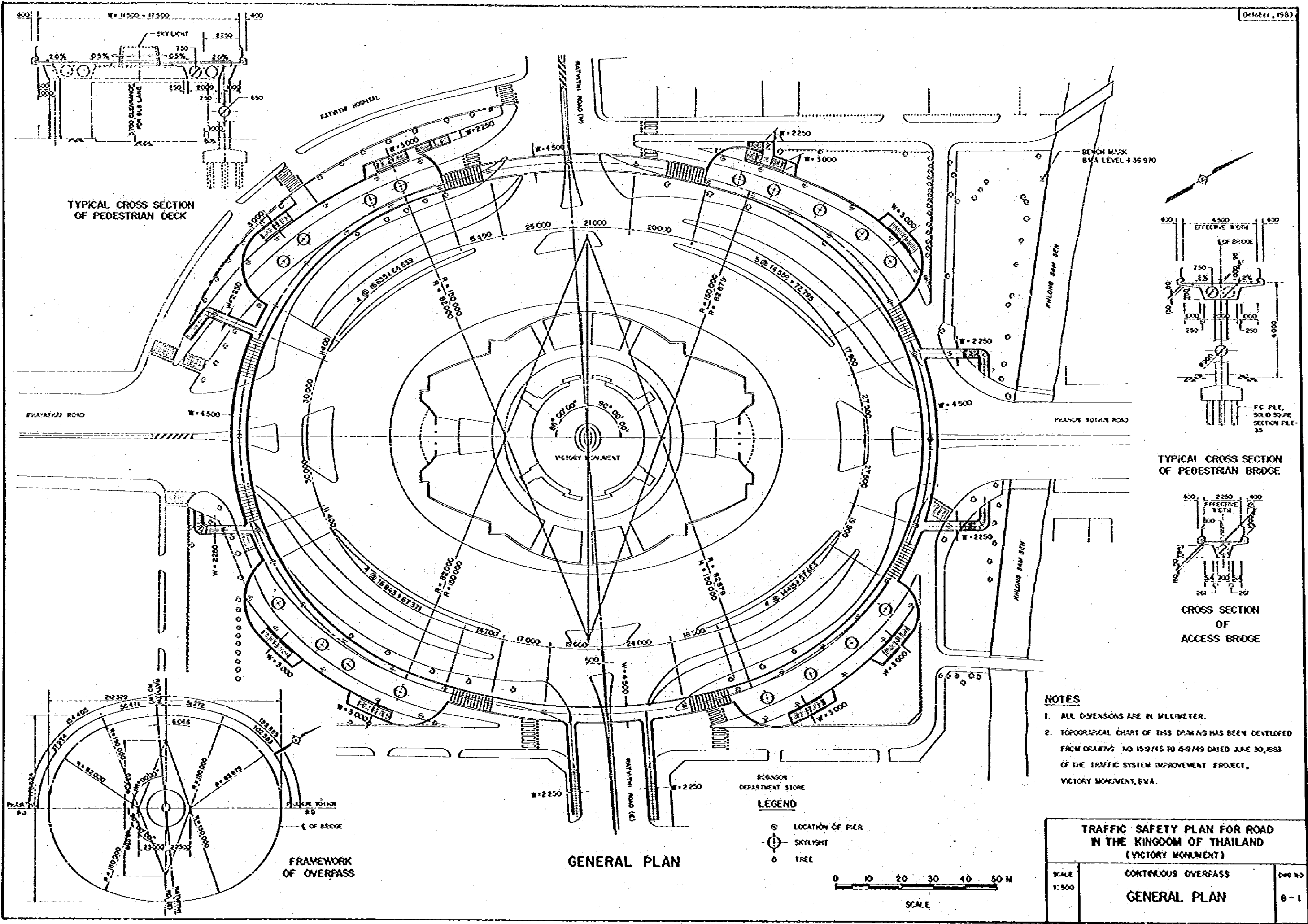
SCALE	EXISTING UNDERGROUND UTILITIES PLAN	FIG. NO.
1:500		6-3



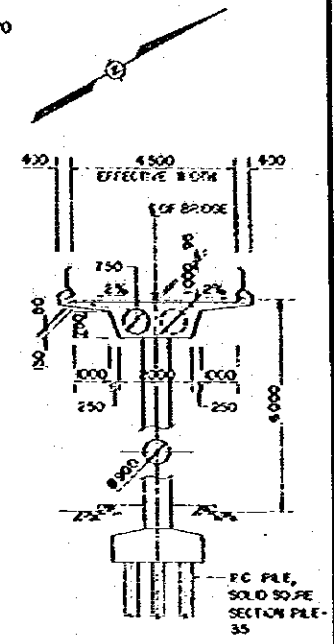




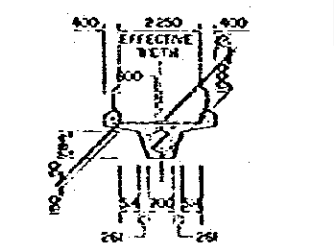
CONTINUOUS OVERPASS



TYPICAL CROSS SECTION OF PEDESTRIAN DECK



TYPICAL CROSS SECTION OF PEDESTRIAN BRIDGE

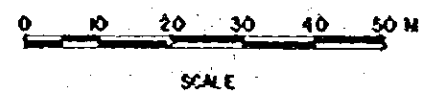


CROSS SECTION OF ACCESS BRIDGE

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER.
  2. TOPOGRAPHICAL CHART OF THIS DRAWING HAS BEEN DEVELOPED FROM DRAWINGS NO 159/45 TO 69/49 DATED JUNE 30, 1983 OF THE TRAFFIC SYSTEM IMPROVEMENT PROJECT, VICTORY MONUMENT, BVA.

<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:500	CONTINUOUS OVERPASS  GENERAL PLAN	Dwg No B-1

GENERAL PLAN

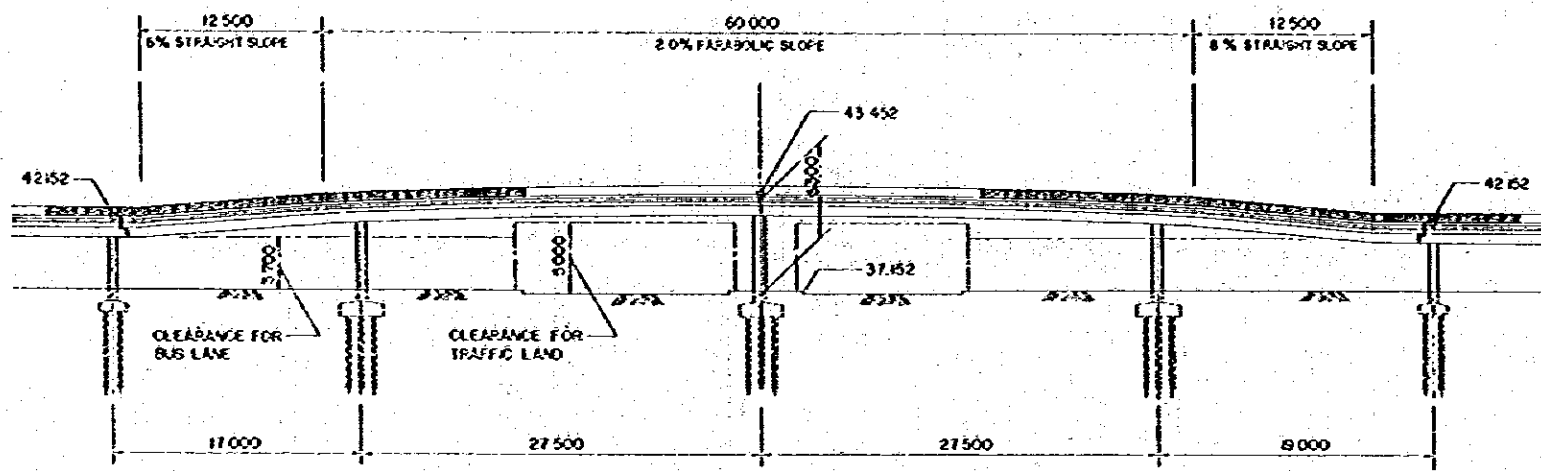


ROBSON  
DEPARTMENT STORE

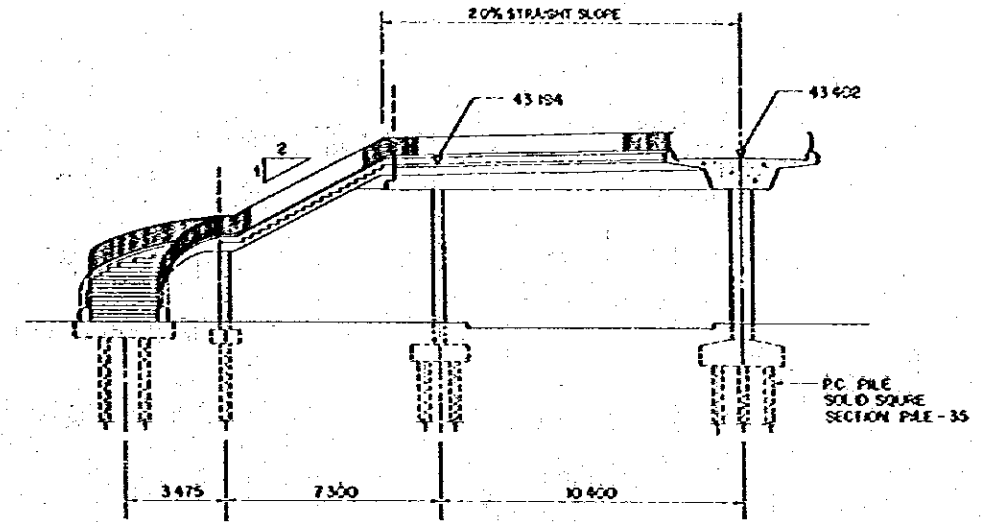
**LEGEND**

- ⊙ LOCATION OF PIER
- ⊕ SKYLIGHT
- TREE

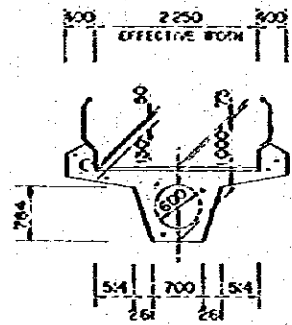
FRAMEWORK OF OVERPASS



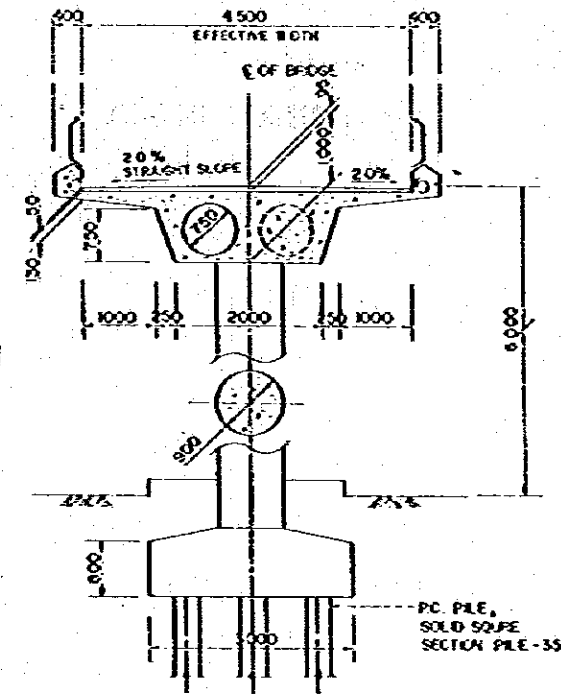
**ELEVATION**  
SCALE 1 : 250



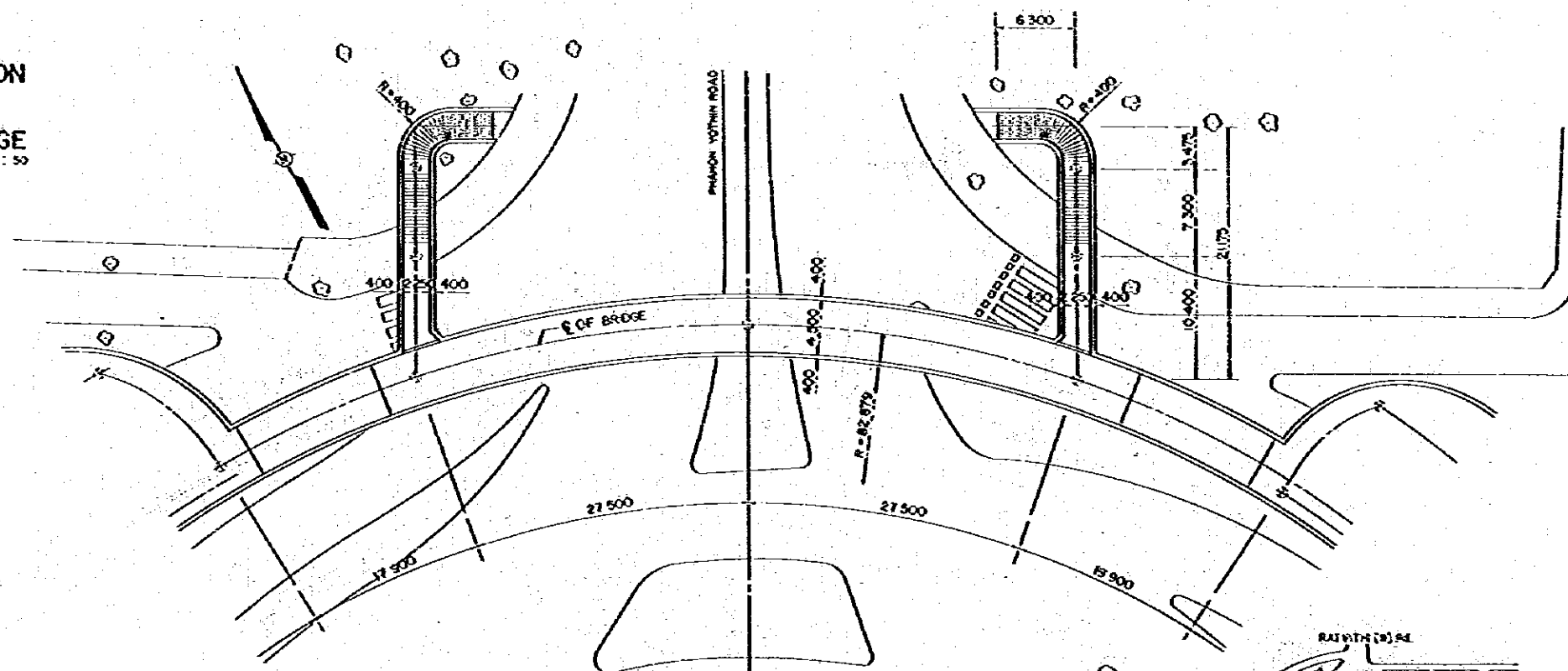
**ACCESS BRIDGE**  
SCALE 1 : 125



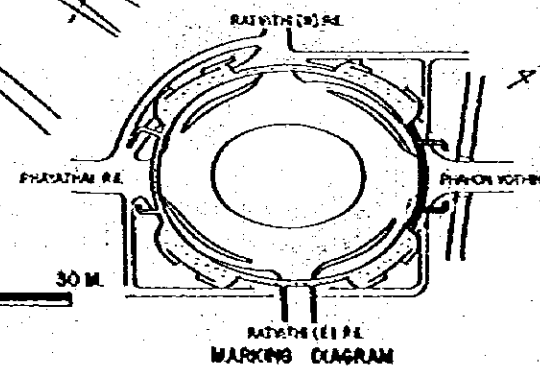
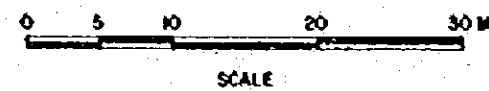
**CROSS SECTION OF ACCESS BRIDGE**  
SCALE 1 : 50



**TYPICAL CROSS SECTION**  
SCALE 1 : 50

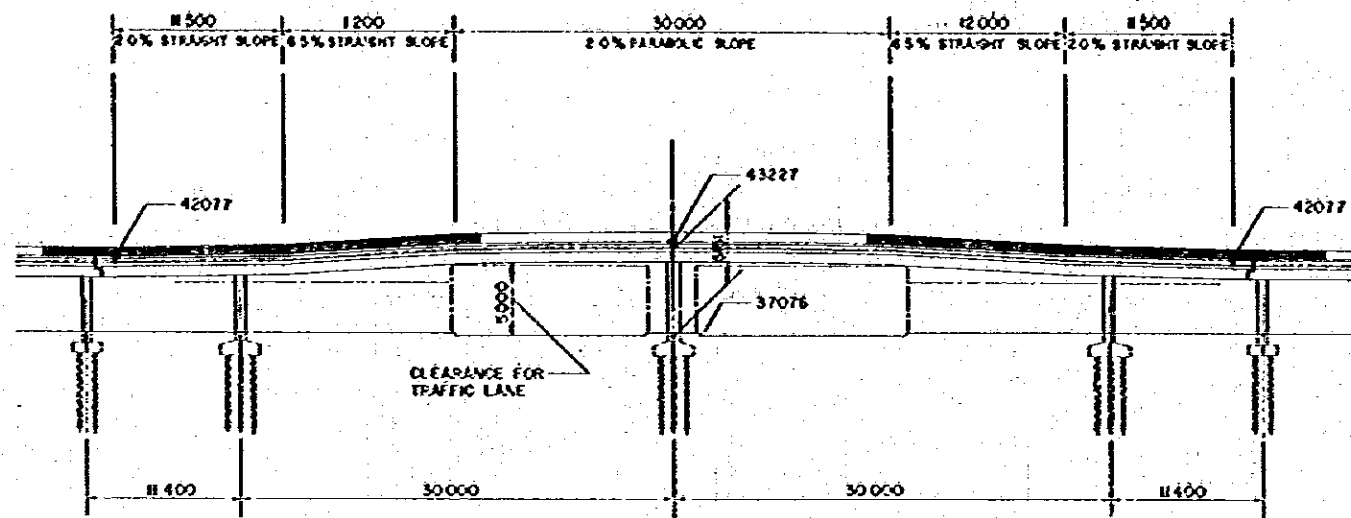


**PLAN**  
SCALE 1 : 250

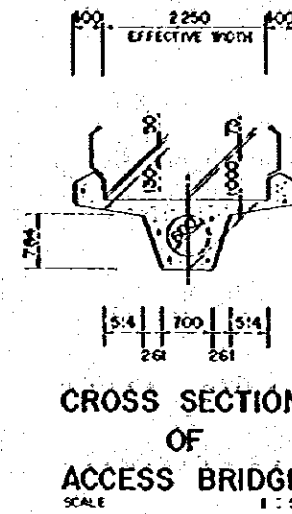


- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER.
  2. PROPOSED HEIGHTS ARE SHOWN IN B.M.A LEVEL.

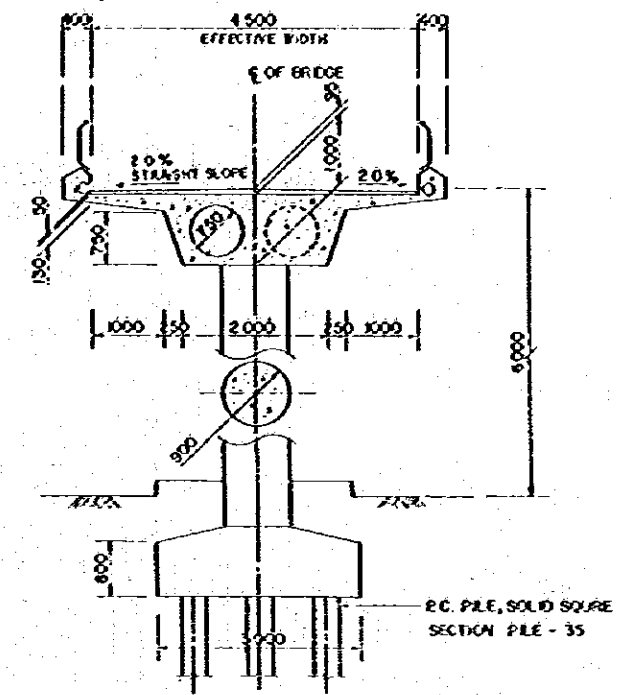
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	CONTINUOUS OVERPASS	CWS NO
1 : 250	PEDESTRIAN BRIDGE - N	B-2
1 : 50	(PHAHON YOTHIN ROAD)	
1 : 125		



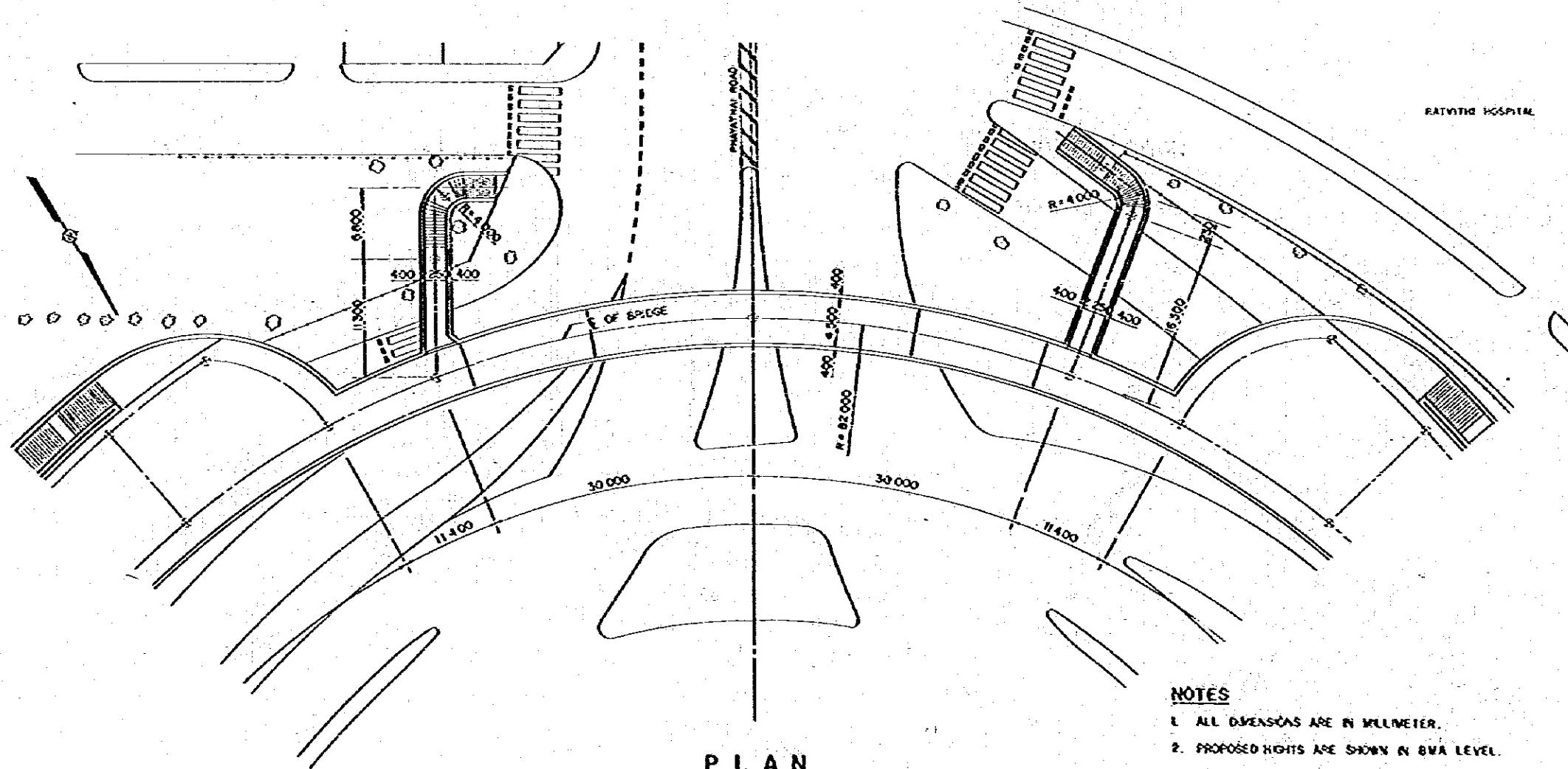
**ELEVATION**  
SCALE 1 : 250



**CROSS SECTION OF ACCESS BRIDGE**  
SCALE 1 : 50



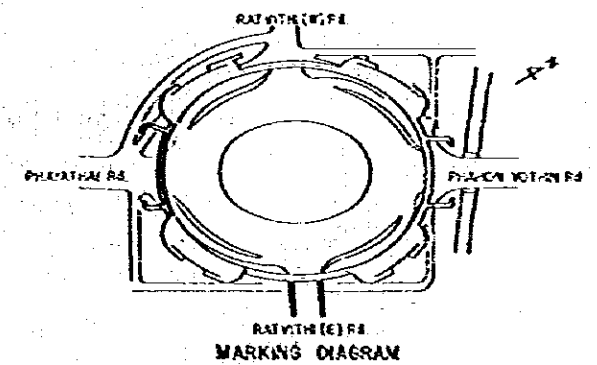
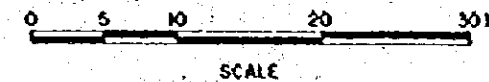
**TYPICAL CROSS SECTION**  
SCALE 1 : 50



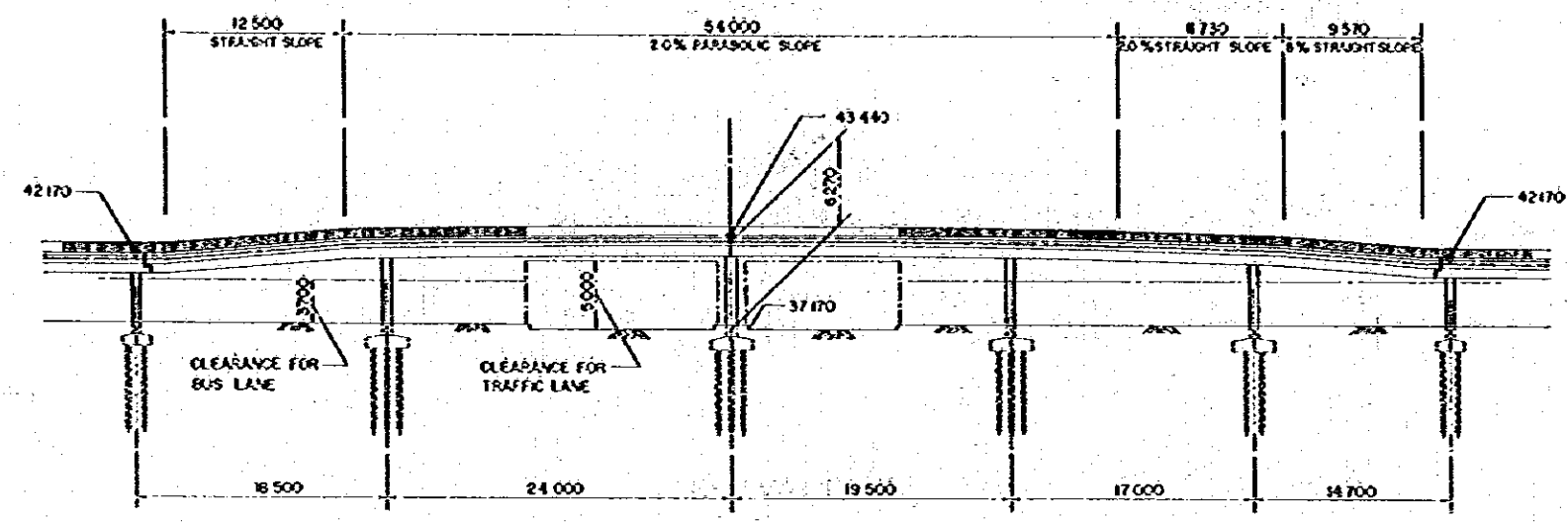
**PLAN**  
SCALE 1 : 250

**NOTES**

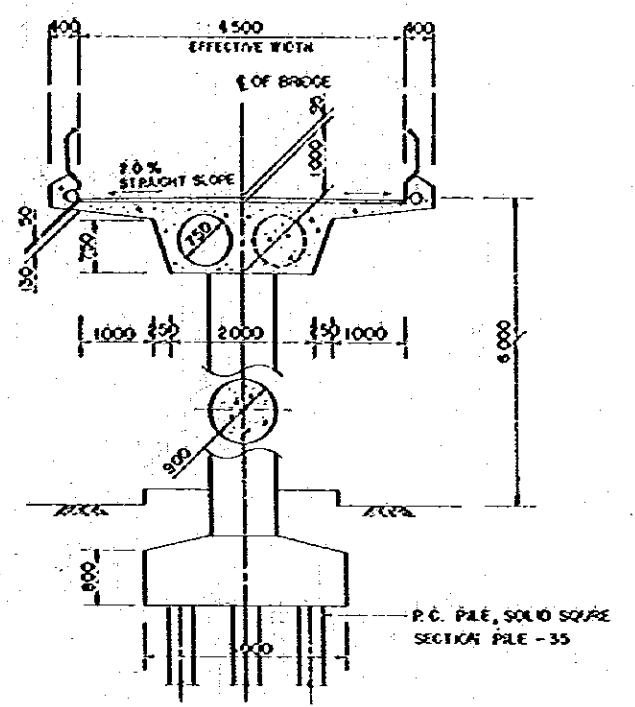
1. ALL DIMENSIONS ARE IN MILLIMETER.
2. PROPOSED HEIGHTS ARE SHOWN IN B.M.A. LEVEL.



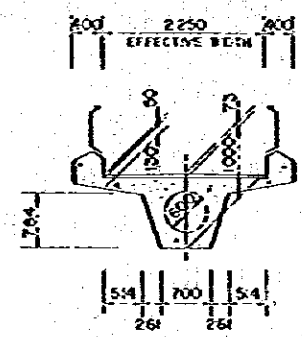
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:250 1:50	CONTINUOUS OVERPASS PEDESTRIAN BRIDGE - S (PHAYATHAI ROAD)	CNS NO B-3



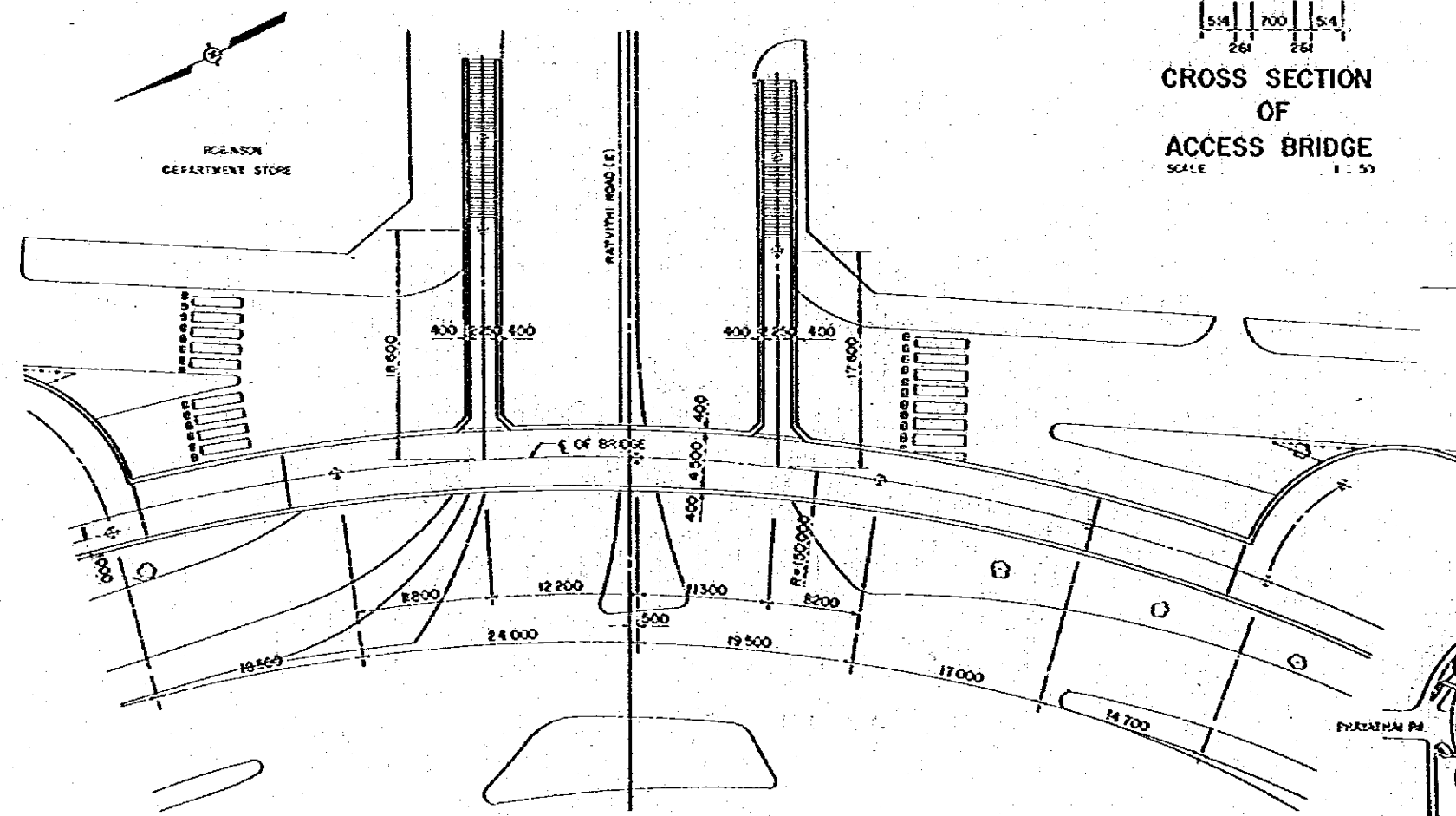
**ELEVATION**  
SCALE 1:250



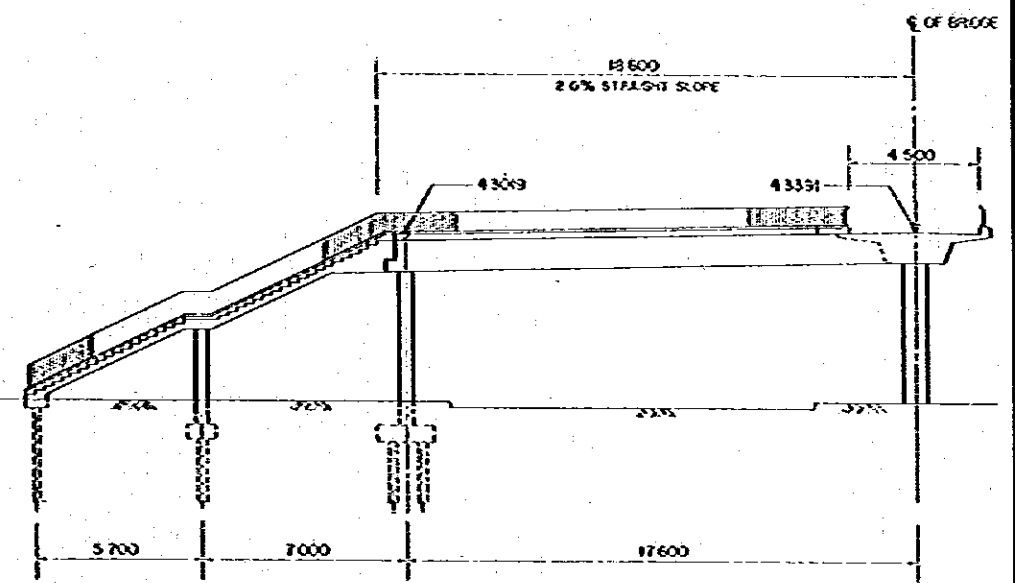
**TYPICAL CROSS SECTION**  
SCALE 1:50



**CROSS SECTION OF ACCESS BRIDGE**  
SCALE 1:50

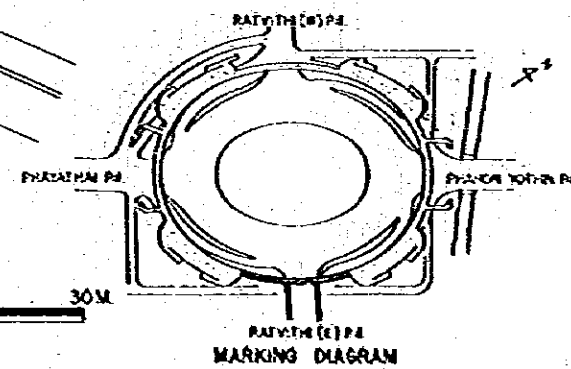


**PLAN**  
SCALE 1:250



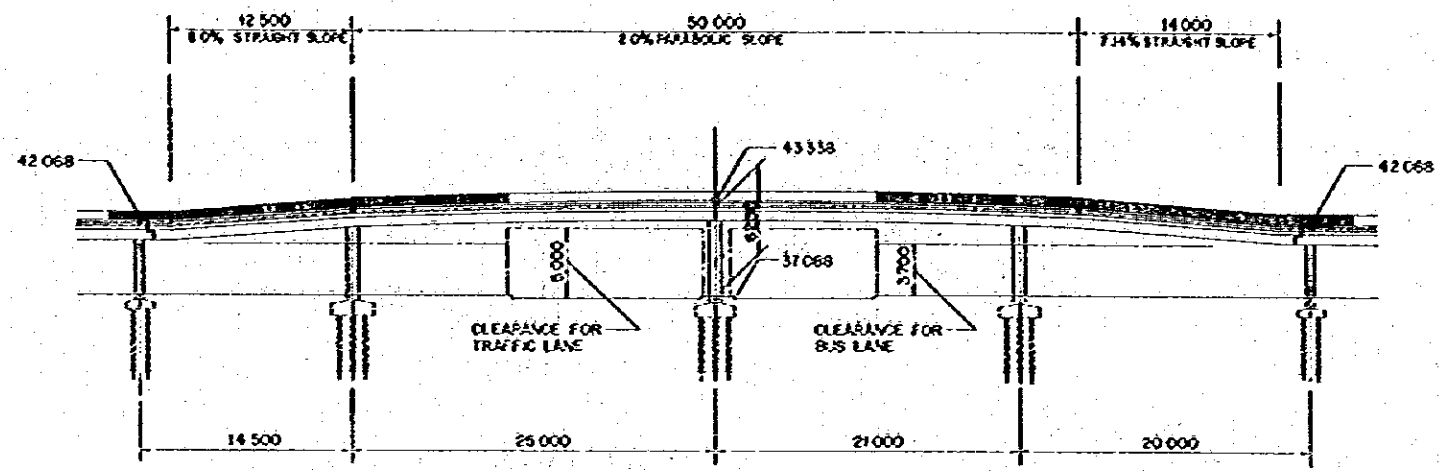
**ACCESS BRIDGE**  
SCALE 1:125

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER.
  2. PROPOSED HEIGHTS ARE SHOWN IN B.M.A LEVEL.

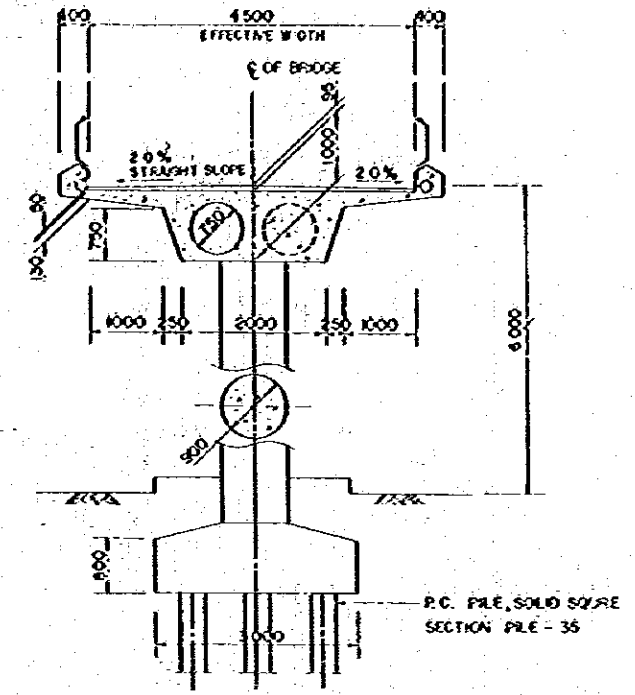


**MARKING DIAGRAM**

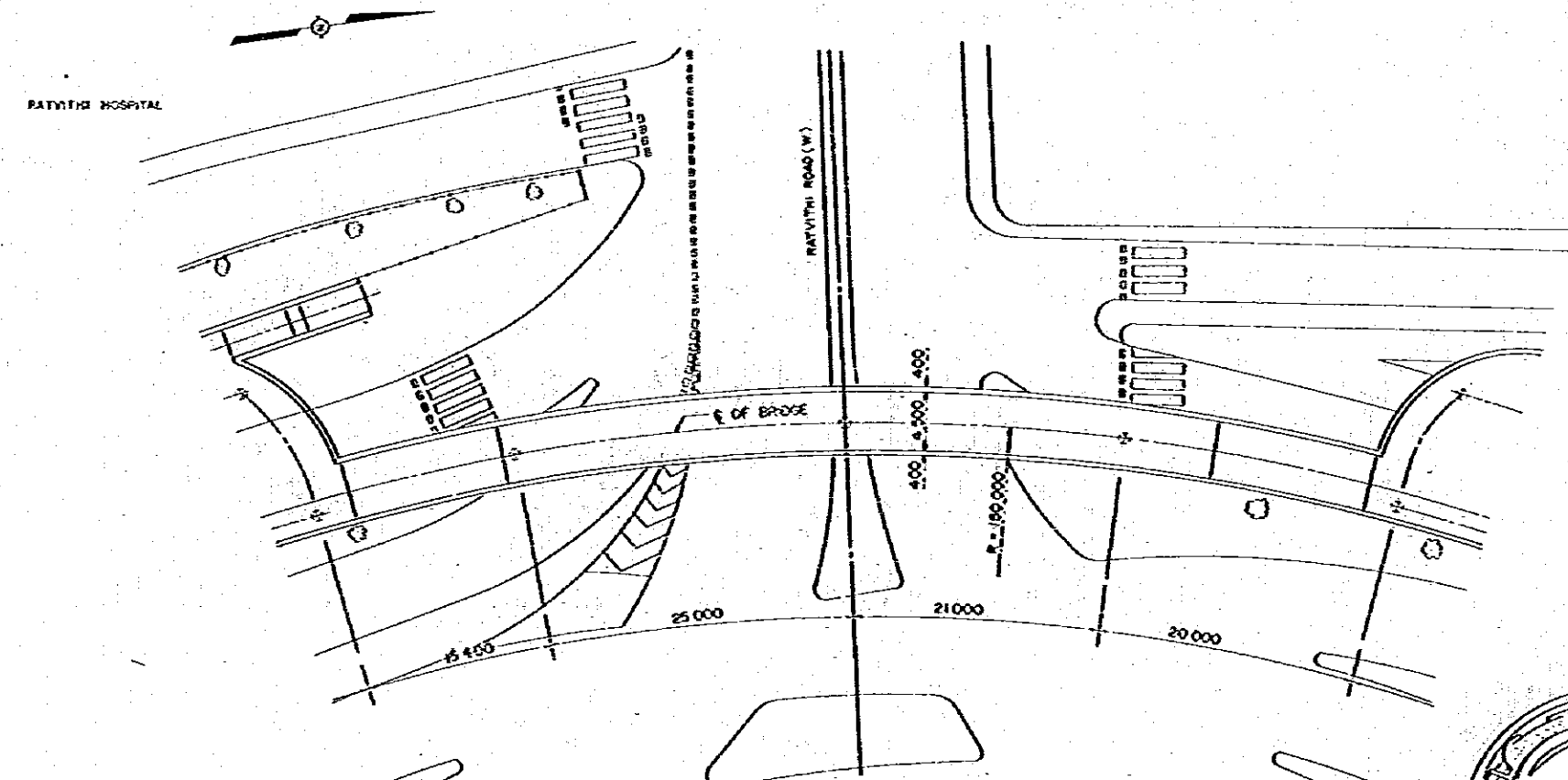
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	CONTINUOUS OVERPASS	DWG NO
1:250	PEDESTRIAN BRIDGE - E	B-4
1:50	(RATVITHI ROAD EAST EXTENSION)	
1:125		



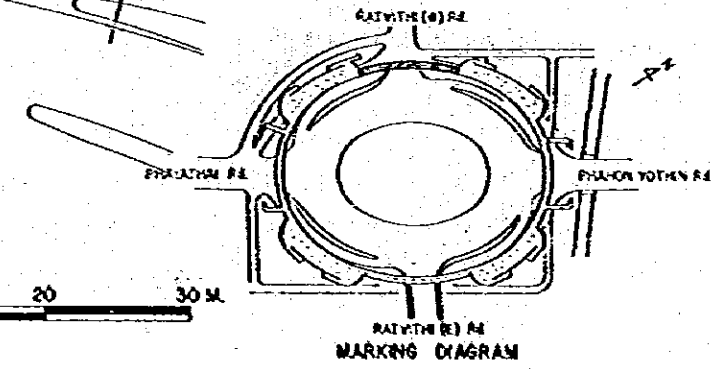
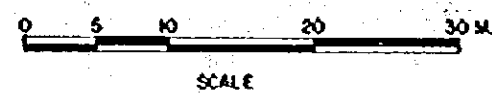
**ELEVATION**  
SCALE 1 : 250



**TYPICAL CROSS SECTION**  
SCALE 1 : 50



**PLAN**  
SCALE 1 : 250

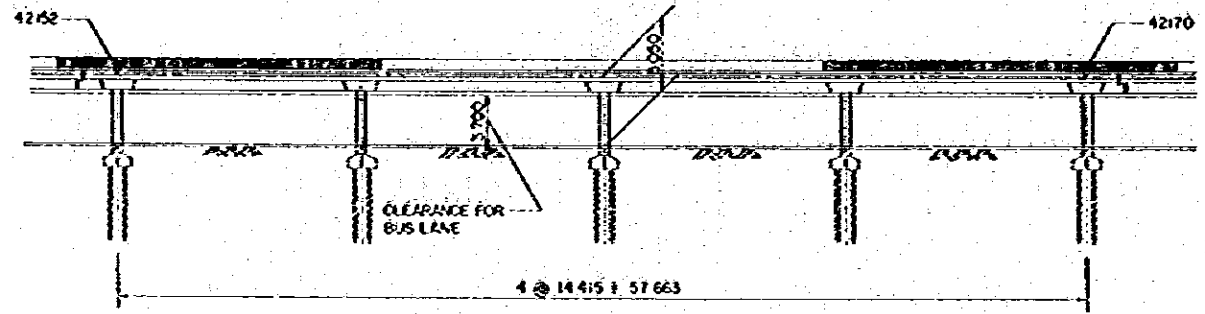


**NOTES**

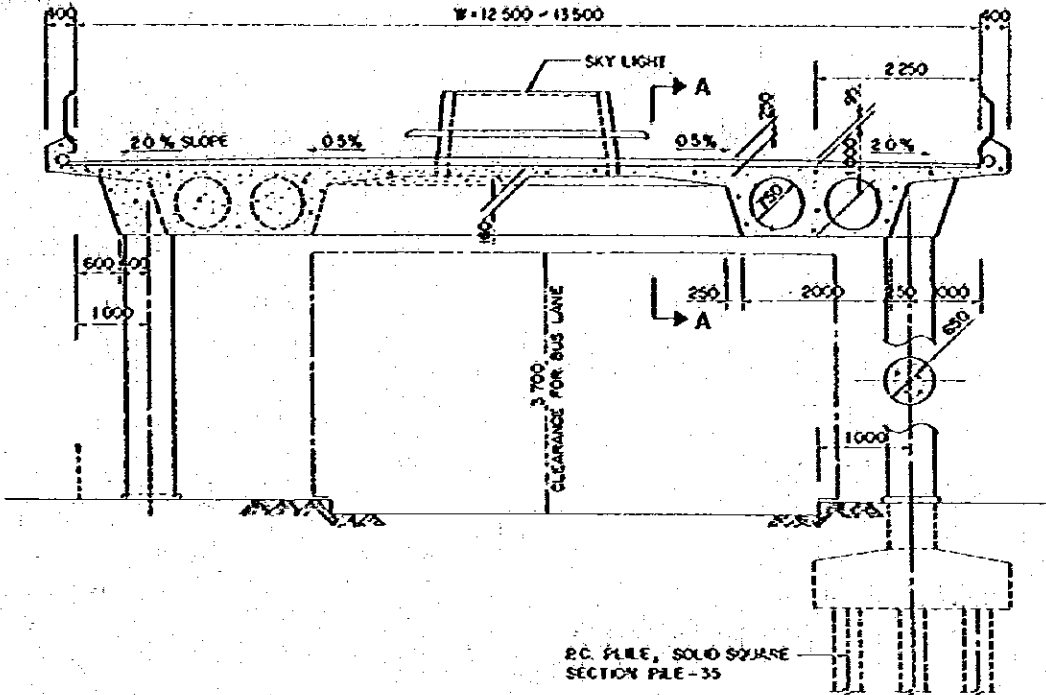
1. ALL DIMENSIONS ARE IN MILLIMETER.
2. PROPOSED HEIGHTS ARE SHOWN IN B.M.A LEVEL.

TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	CONTINUOUS OVERPASS	CWS NO
1:150	PEDESTRIAN BRIDGE - W	
1:50	(RATVITHI ROAD WEST EXTENSION)	8-5

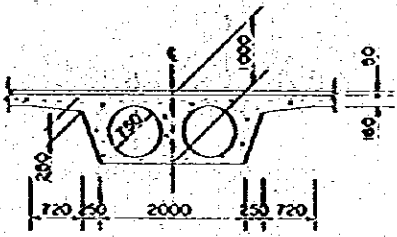




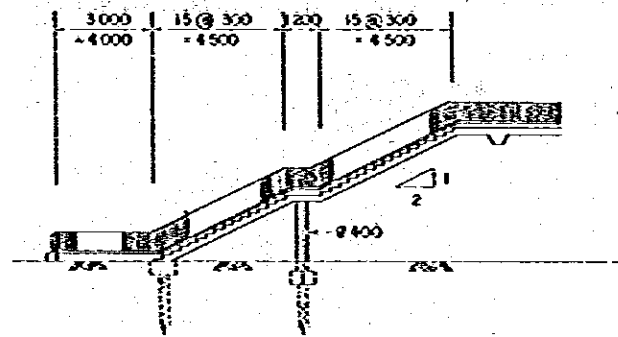
**ELEVATION**  
SCALE 1 : 250



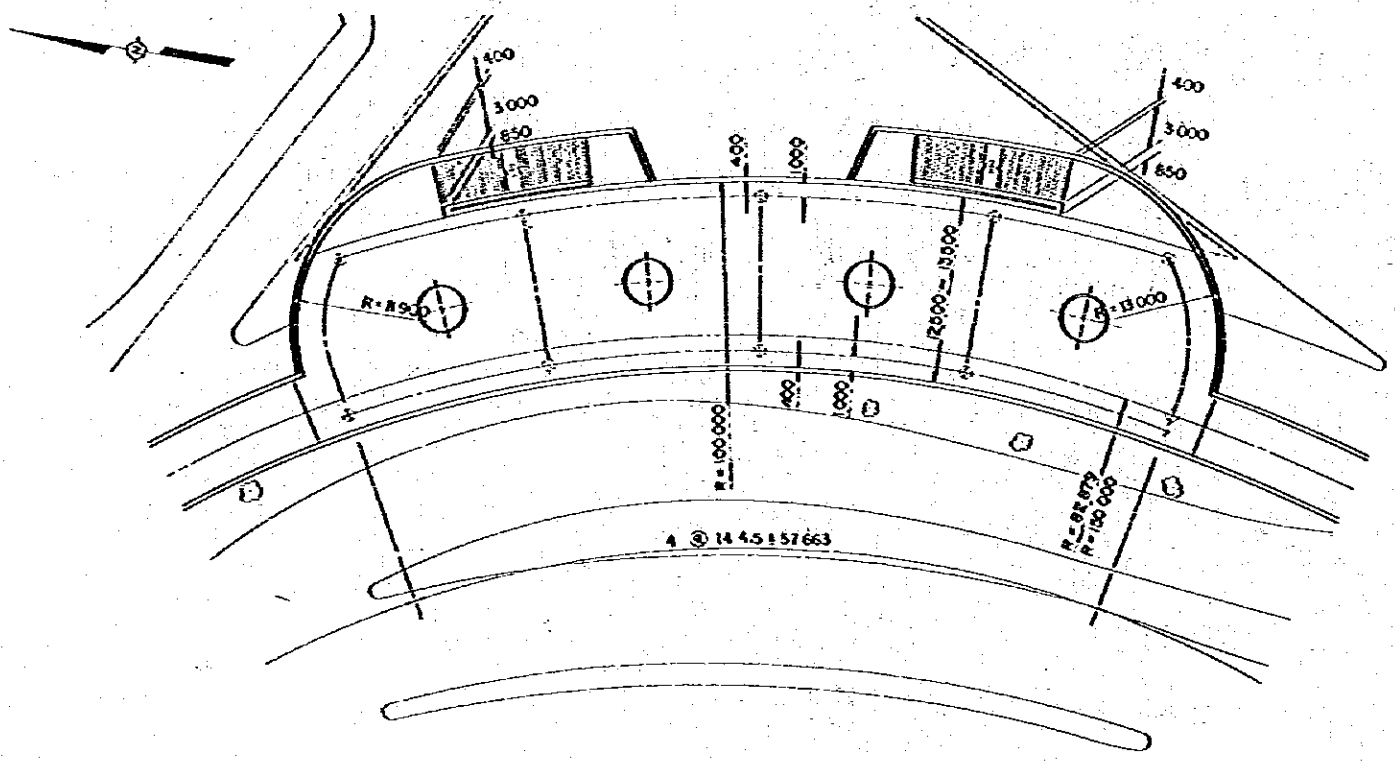
**TYPICAL CROSS SECTION**  
SCALE 1 : 50



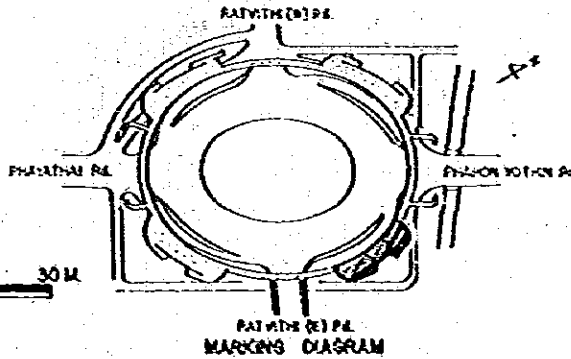
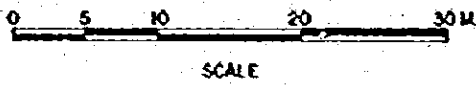
**SECTION A-A**  
SCALE 1 : 50



**SECTION OF STAIRWAY**  
SCALE 1 : 125



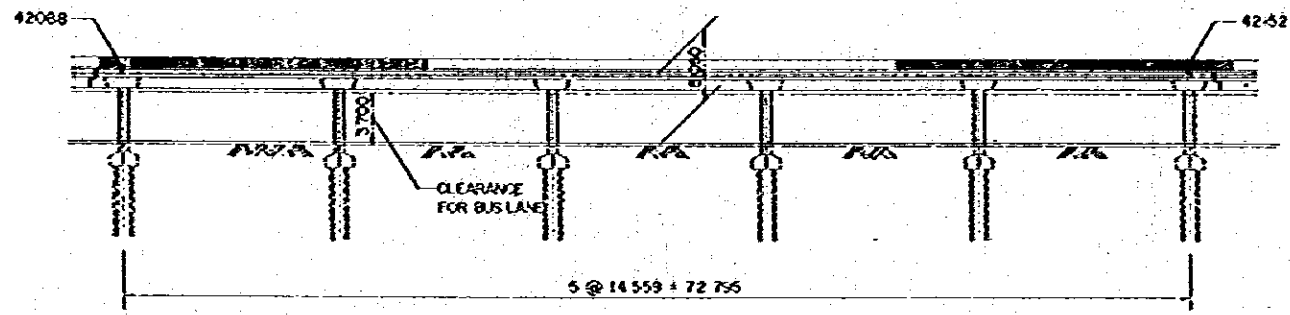
**PLAN**  
SCALE 1 : 250



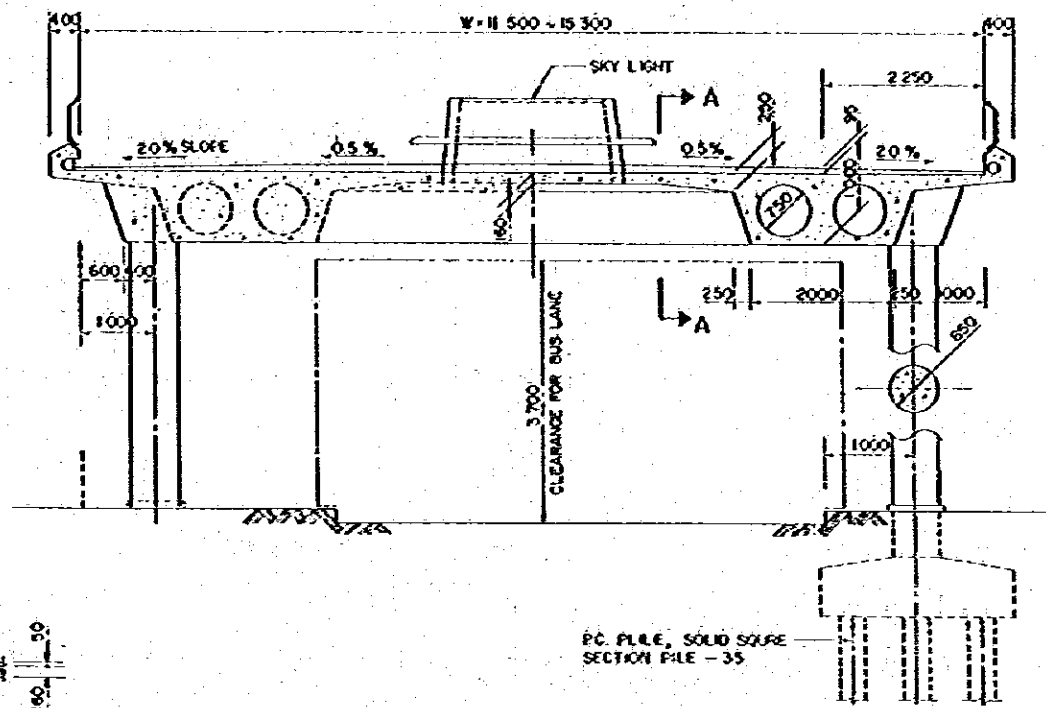
**MARKINGS DIAGRAM**

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER.
  2. PROPOSED HEIGHTS ARE SHOWN IN SMA LEVEL.
  3. AS TO DETAIL OF STAIRWAY, SEE D.S. NO. B-9

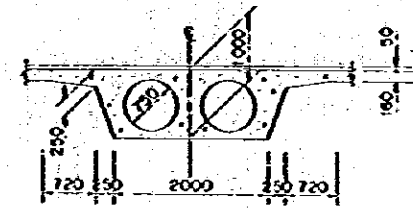
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	CONTINUOUS OVERPASS PEDESTRIAN DECK-NE (NORTH-EASTERN QUADRANT)	DWG NO.
1 : 250		B-6
1 : 50		
1 : 125		



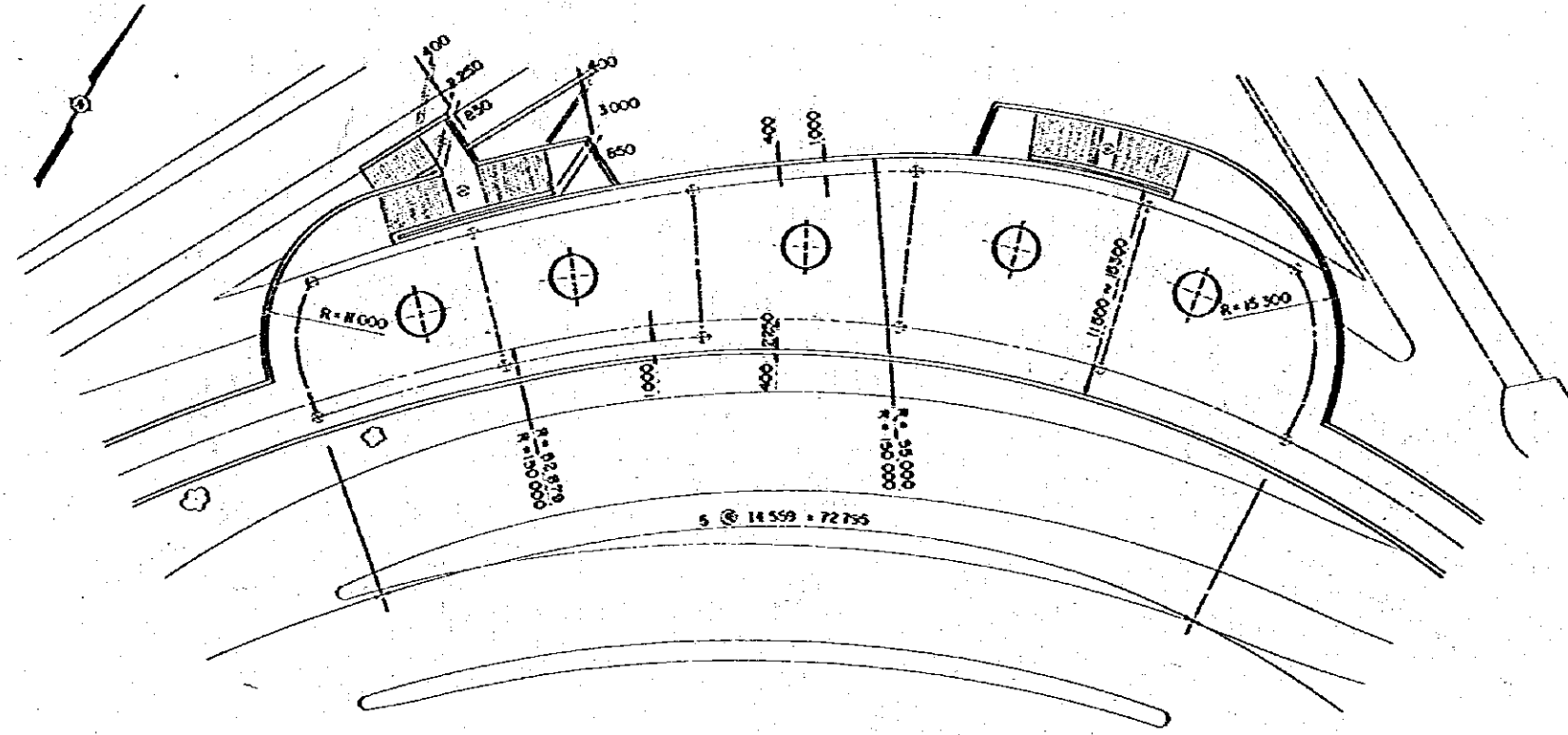
**ELEVATION**  
SCALE 1 : 250



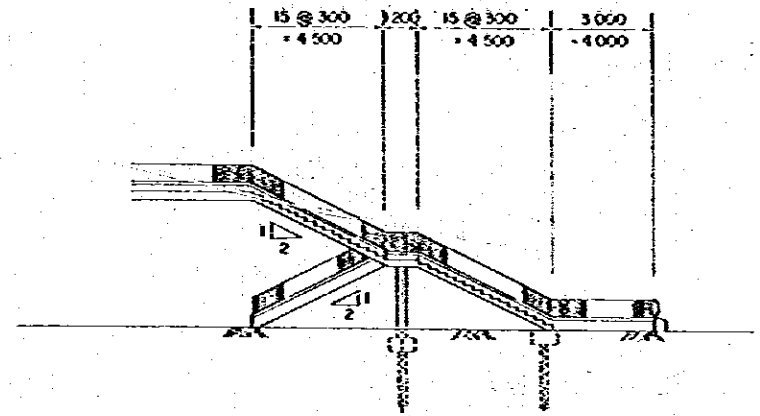
**TYPICAL CROSS SECTION**  
SCALE 1 : 50



**SECTION A-A**  
SCALE 1 : 50



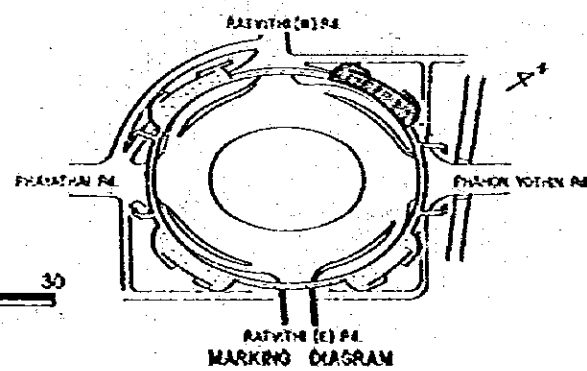
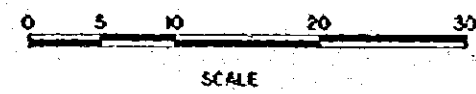
**PLAN**  
SCALE 1 : 250



**SECTION OF STAIRWAY**  
SCALE 1 : 125

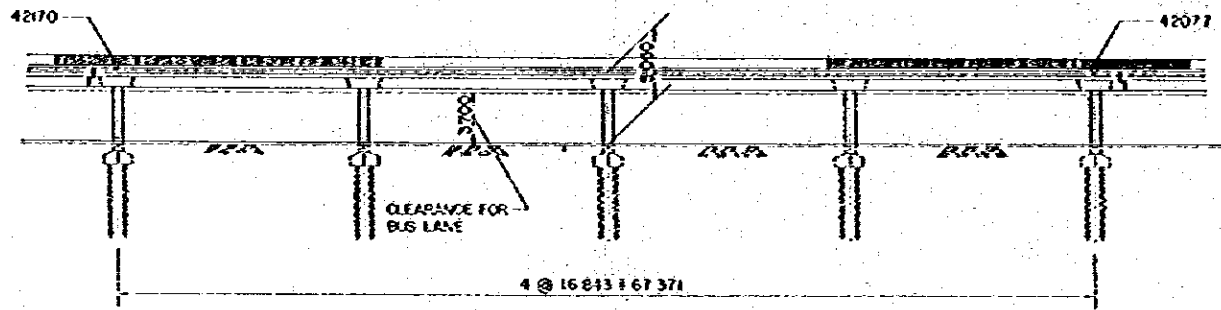
**NOTES**

1. ALL DIMENSIONS ARE IN MILLIMETER.
2. PROPOSED RIGHTS ARE SHOWN BY BVA LEVEL
3. AS TO DETAILS OF STAIRWAY SEE DWS. NO. B-9

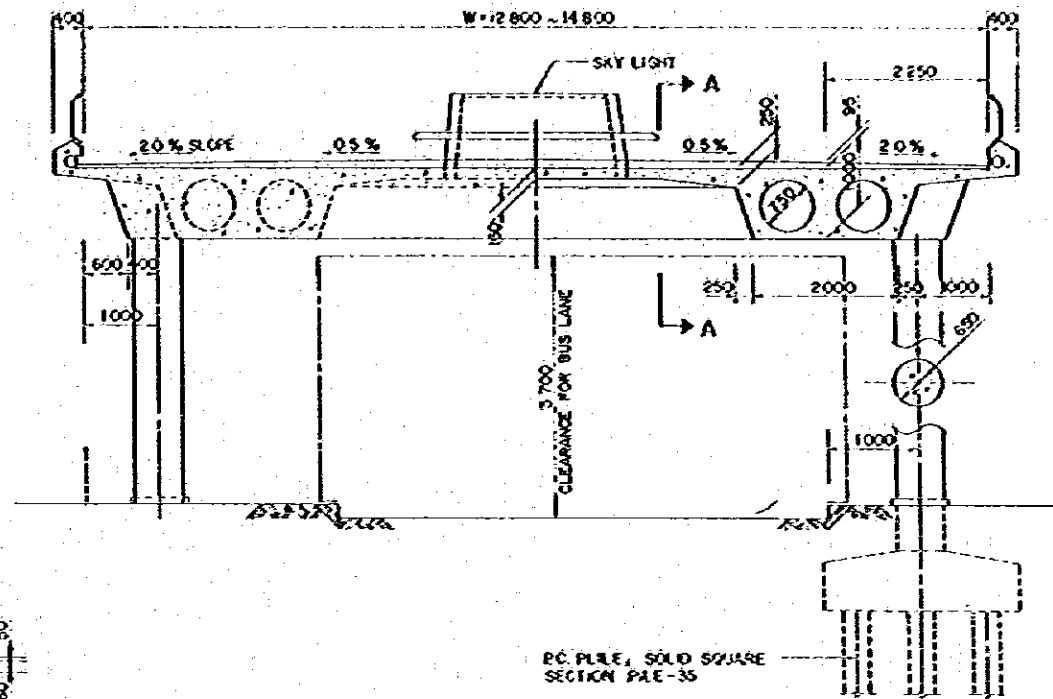


TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	CONTINUOUS OVERPASS	DWS NO.
1 : 250	PEDESTRIAN DECK - NW	B - 7
1 : 50	(NORTH-WESTERN QUADRANT)	
1 : 125		

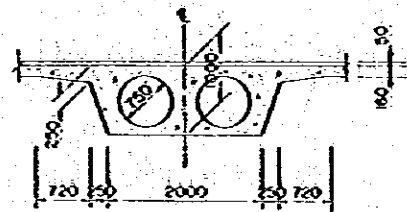




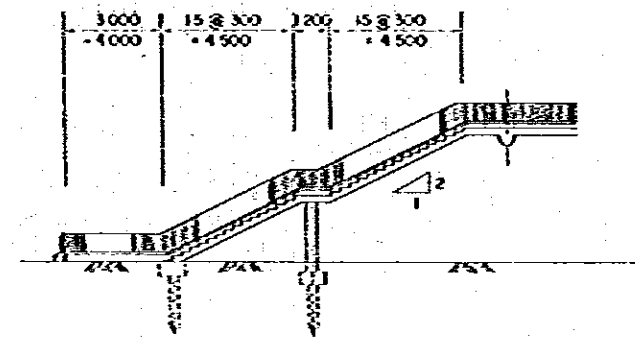
**ELEVATION**  
SCALE 1:250



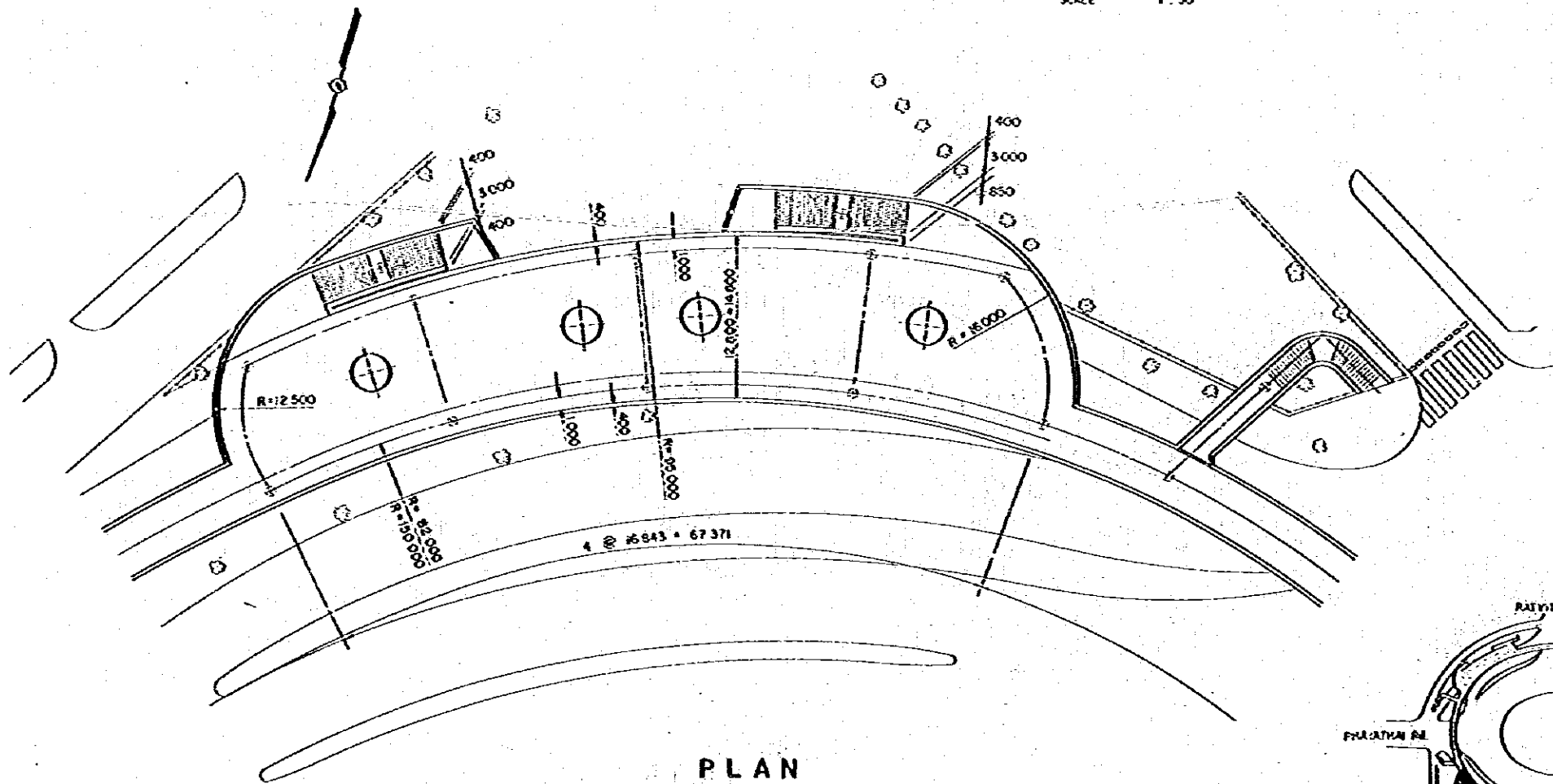
**TYPICAL CROSS SECTION**  
SCALE 1:50



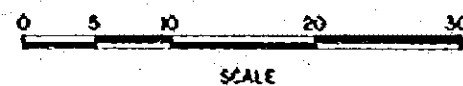
**SECTION A-A**  
SCALE 1:50



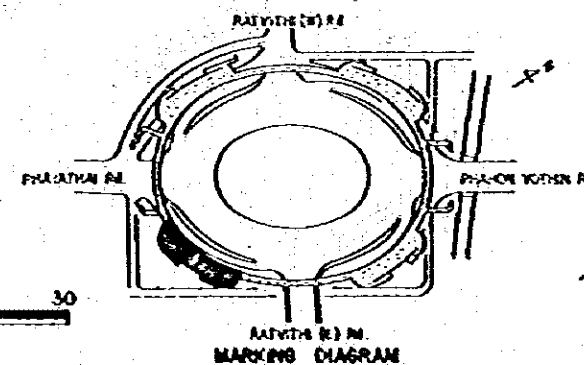
**SECTION OF STAIRWAY**  
SCALE 1:125



**PLAN**  
SCALE 1:250



SCALE

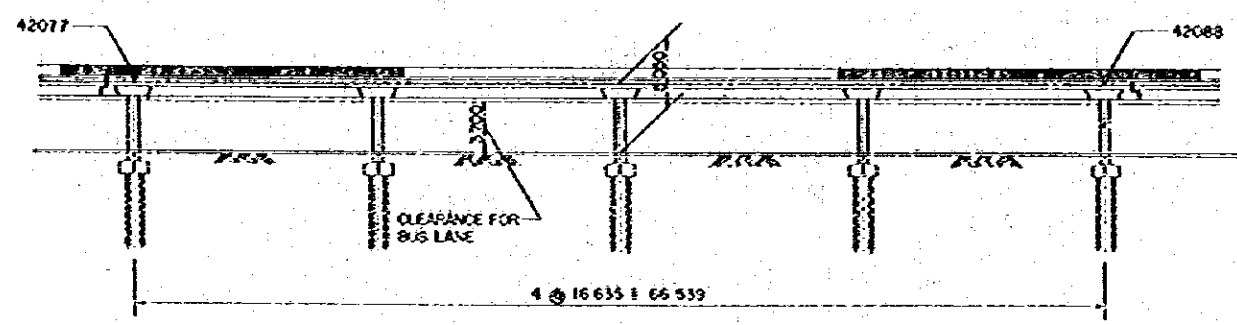


MARKING DIAGRAM

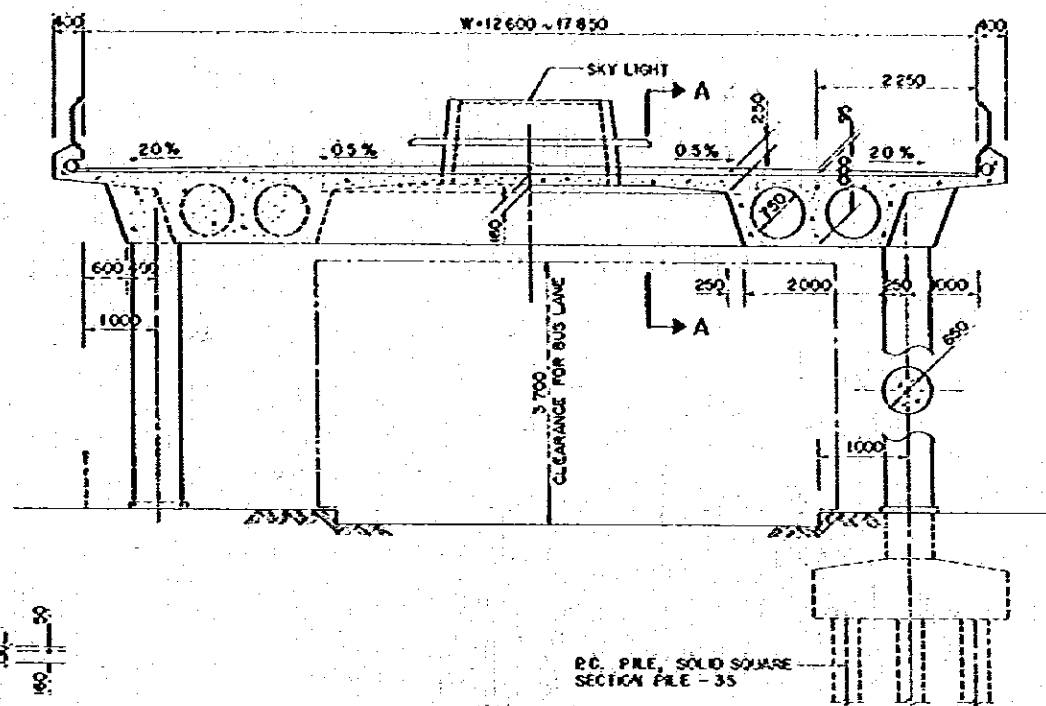
**NOTES**

1. ALL DIMENSIONS ARE IN MILLIMETER.
2. PROPOSED HEIGHTS ARE SHOWN IN BMA LEVEL.
3. AS TO DETAIL OF STAIRWAY, SEE DWG. NO B-9.

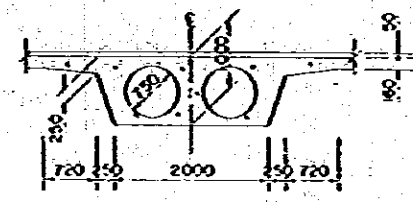
<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:250 1:50 1:125	CONTINUOUS OVERPASS PEDESTRIAN DECK - SE (SOUTH-EASTERN QUADRANT)	DWG NO B-8



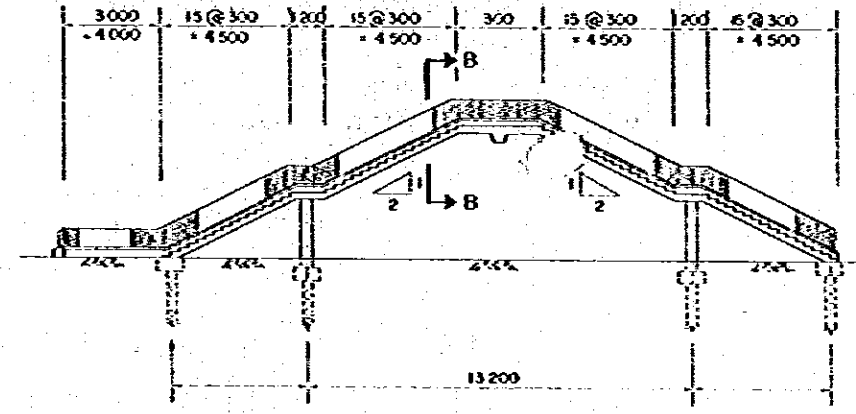
**ELEVATION**  
SCALE 1:250



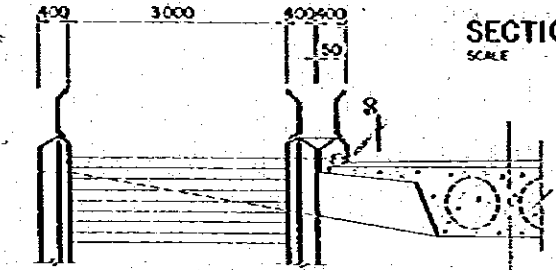
**TYPICAL CROSS SECTION**  
SCALE 1:50



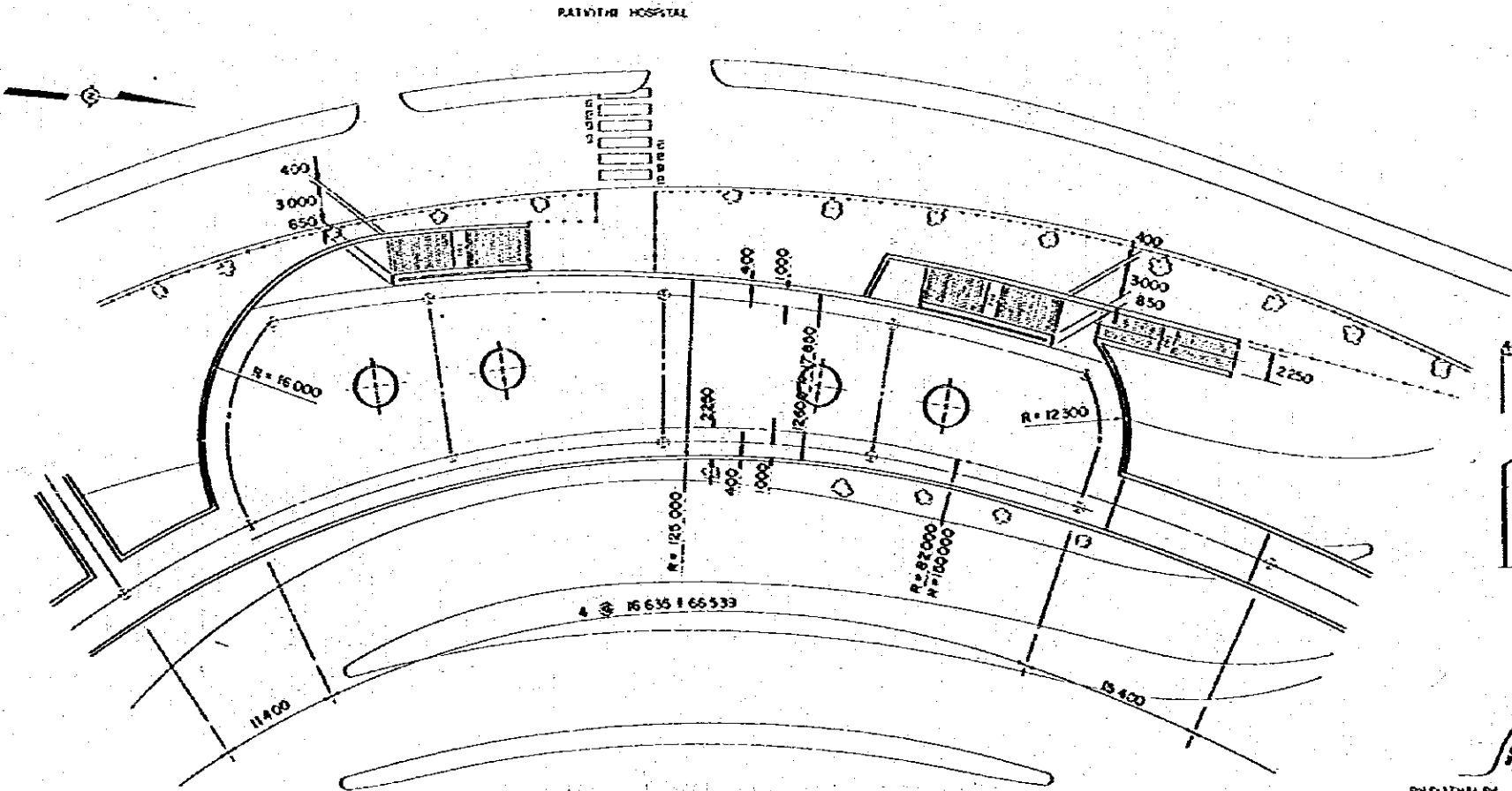
**SECTION A-A**  
SCALE 1:50



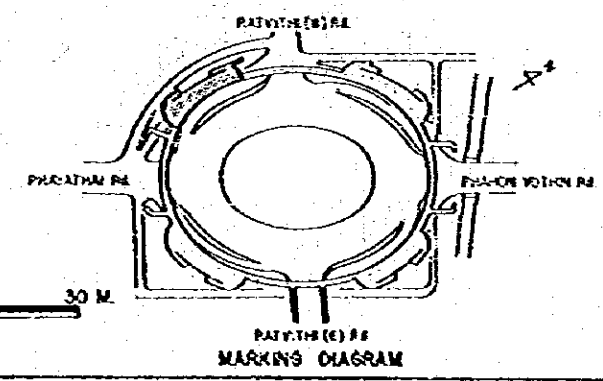
**SECTION OF STAIRWAY**  
SCALE 1:125



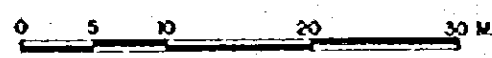
**SECTION B-B**  
SCALE 1:50



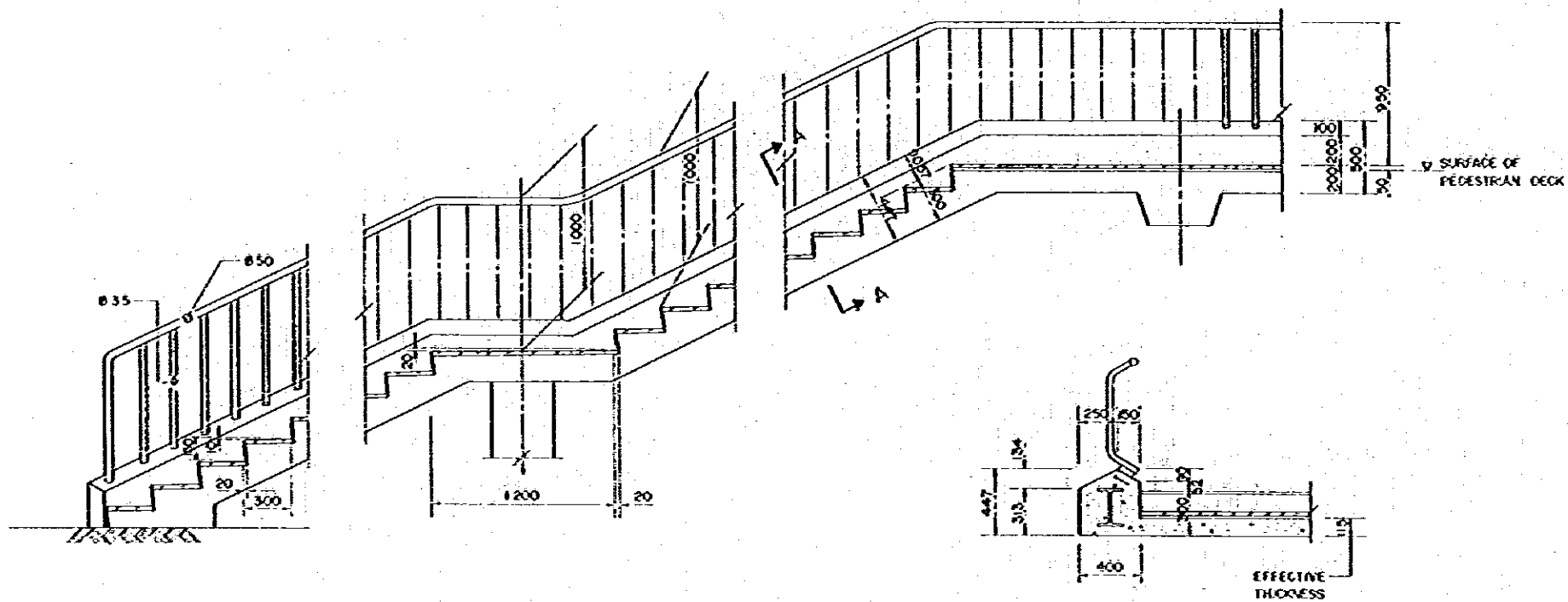
**PLAN**  
SCALE 1:250



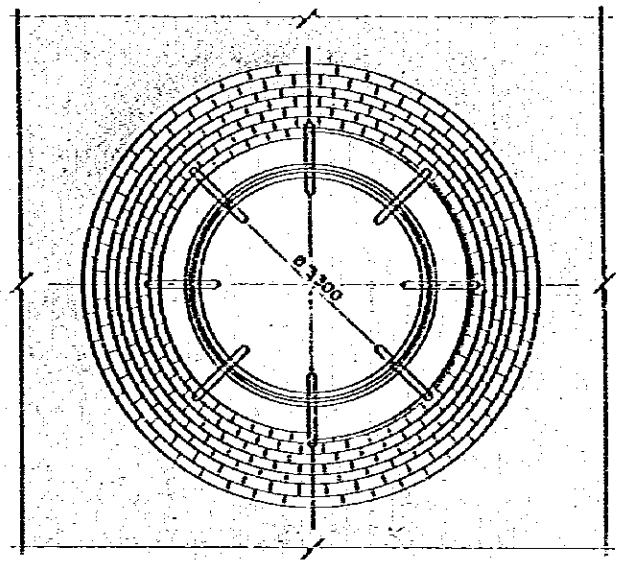
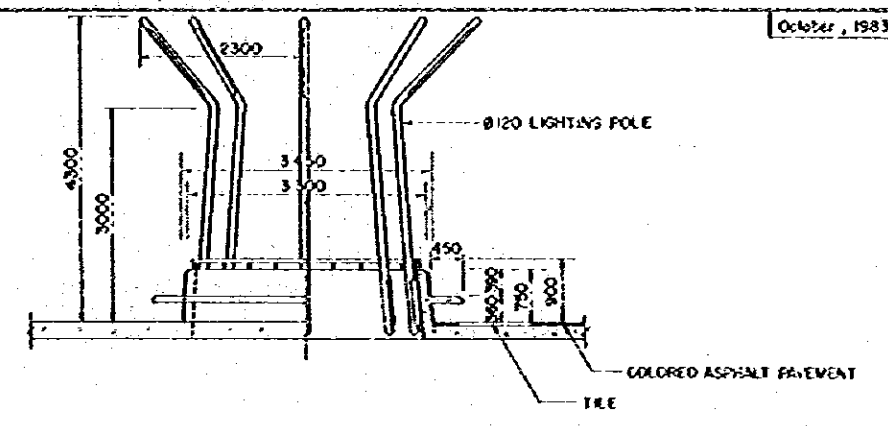
- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER.
  2. PROPOSED RIGHTS ARE SHOWN IN 5MA LEVEL.



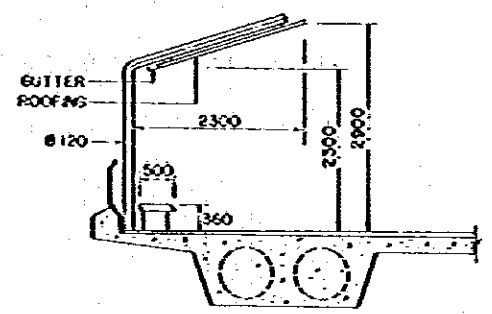
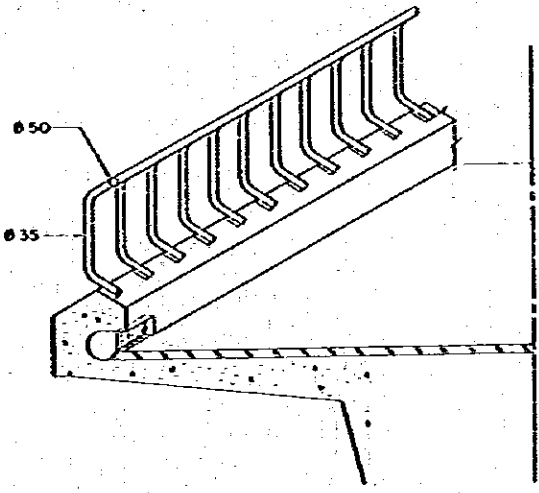
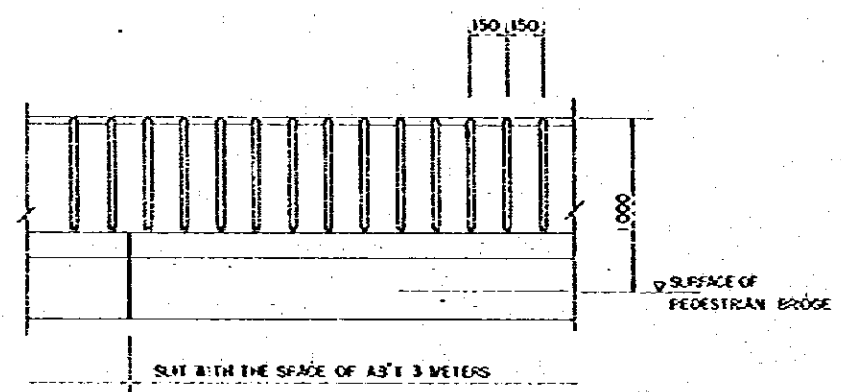
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	CONTINUOUS OVERPASS	DWG NO
1:250	PEDESTRIAN DECK - SW	B-9
1:50	(SOUTH - WESTERN QUADRANT)	
1:125		



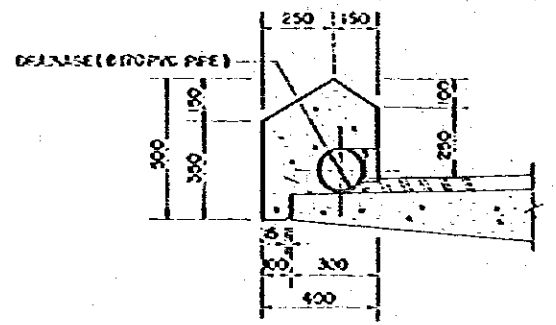
PARTIAL DETAIL OF STAIRWAY  
SCALE 1:20



SKY LIGHT AND LIGHTINGS  
SCALE 1:50



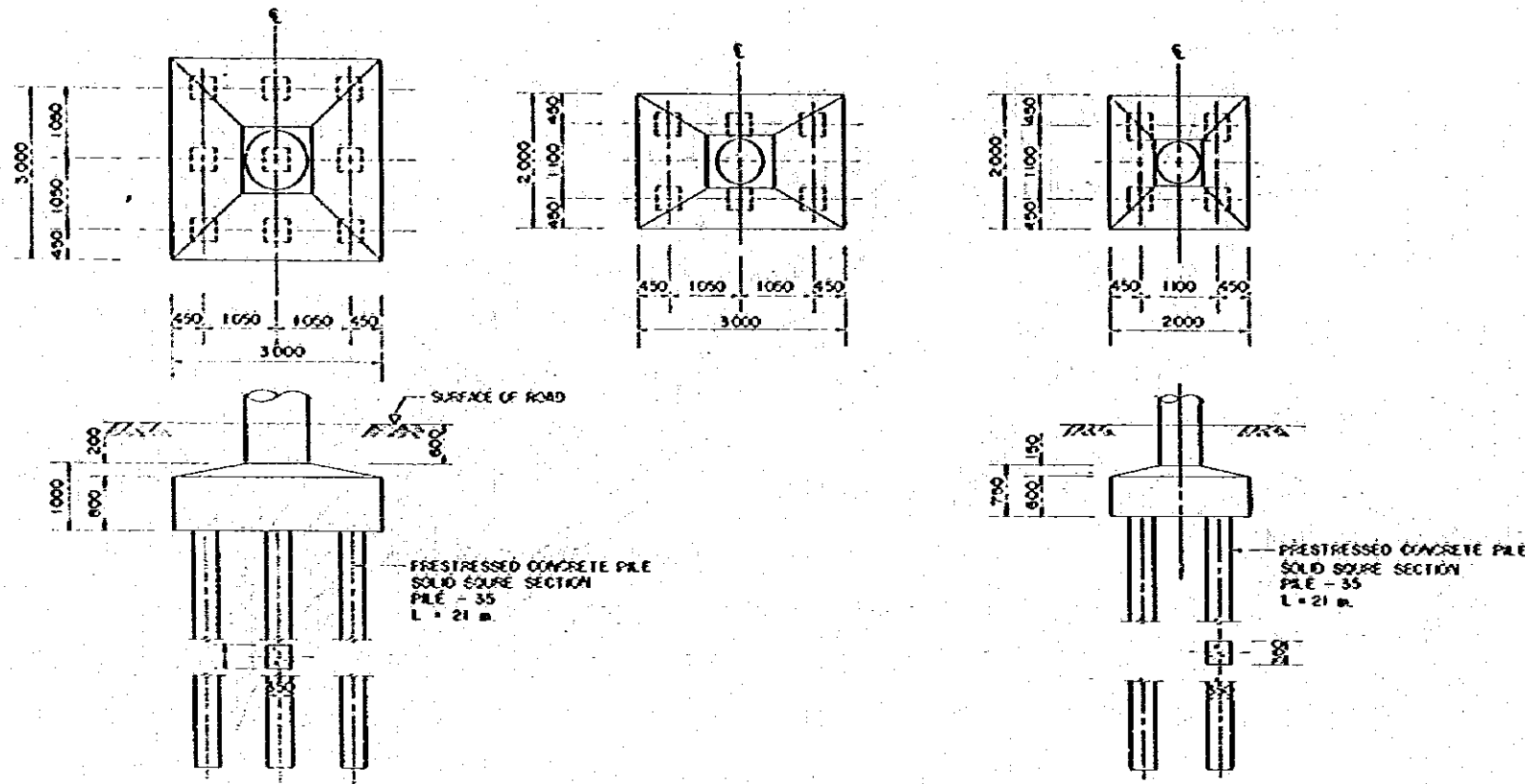
SHADE  
SCALE 1:50



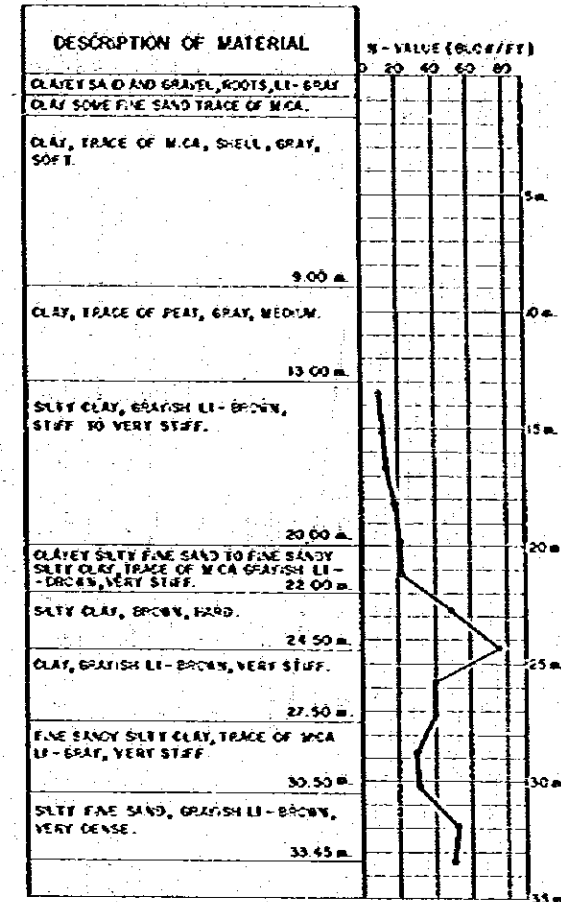
DETAIL OF HANDRAIL AND CURBSTONE  
SCALE 1:125

ALL DIMENSIONS ARE IN MILLIMETER.

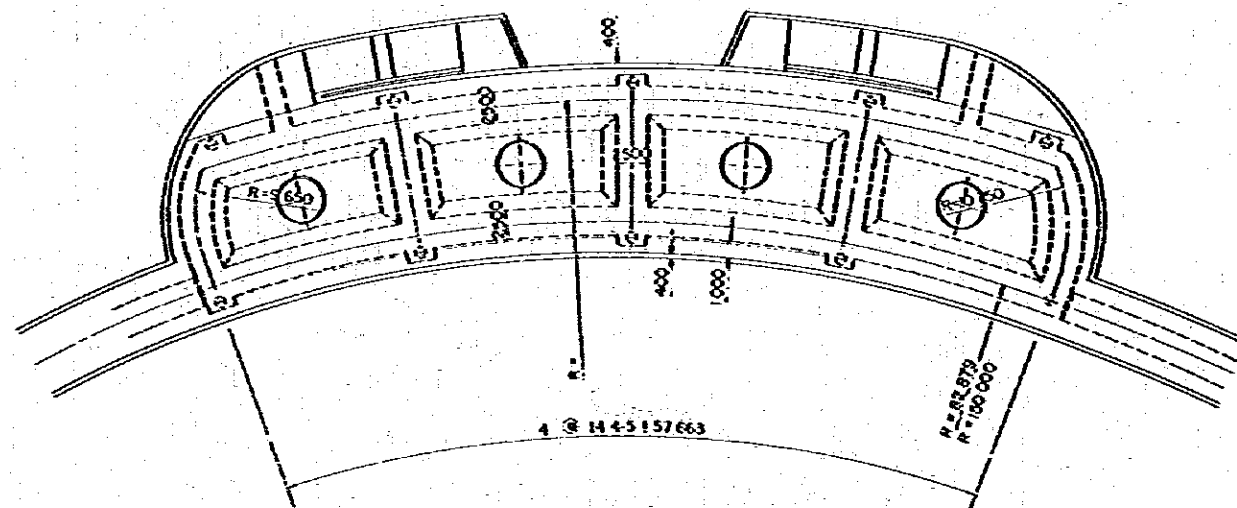
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	CONTINUOUS OVERPASS	FIG NO
1:50	PARTIAL DETAILS OF STAIRWAY	B-10
1:30	CURBSTONE AND SKYLIGHT	



FOOTING AND ARRANGEMENT OF PILE  
SCALE 1:50



GEOLOGICAL CONDITION

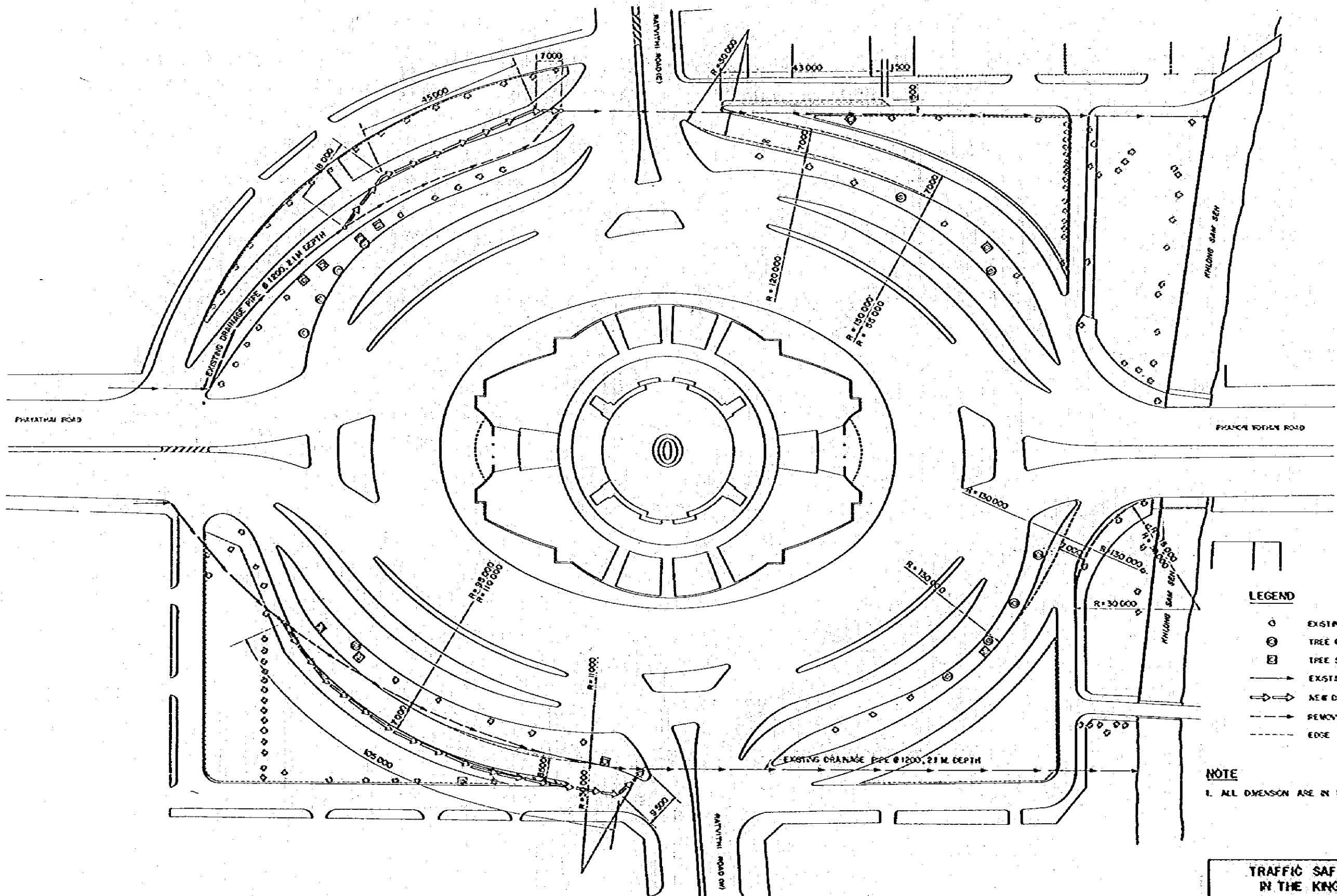


ARRANGEMENT OF BEAM  
FOR  
PEDESTRIAN DECK  
(N-E QUADRANT)  
SCALE 1:250

NOTE

1. ALL DIMENSIONS ARE IN MILLIMETER.

TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:30 1:250	CONTINUOUS OVERPASS FOOTING AND ARRANGEMENT OF PILE ARRANGEMENT OF BEAM FOR PEDESTRIAN DECK	DRG NO 8-11



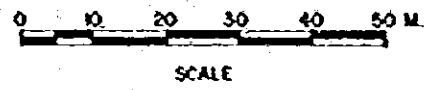
LEGEND

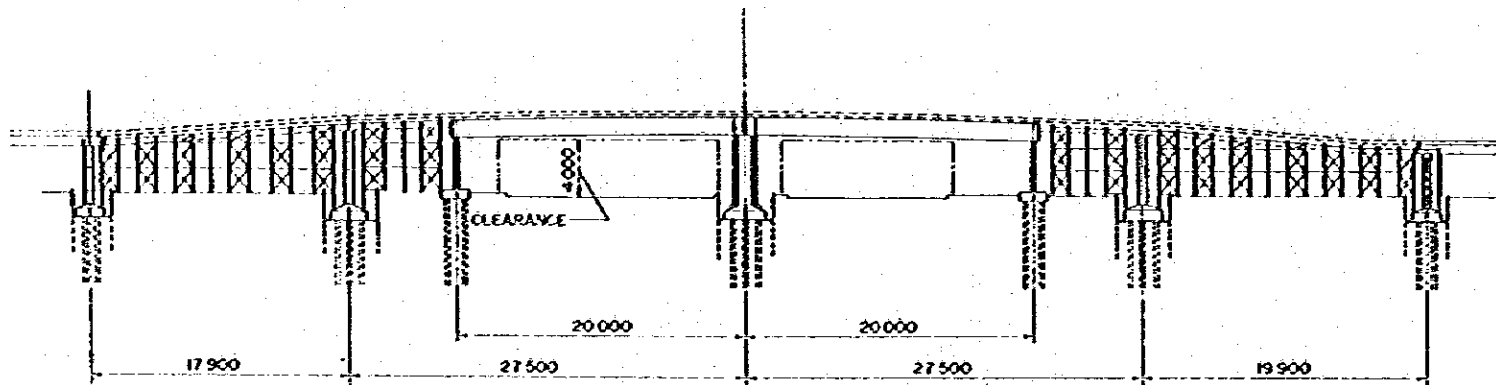
- EXISTING TREE
- ⊙ TREE OF NEW PLANTATION
- ⊠ TREE SHOULD BE REMOVED
- EXISTING DRAINAGE PIPE
- ⇄ NEW DRAINAGE PIPE
- - - REMOVED DRAINAGE PIPE
- - - EDGE LINE OF MODIFIED TRAFFIC ISLAND

NOTE

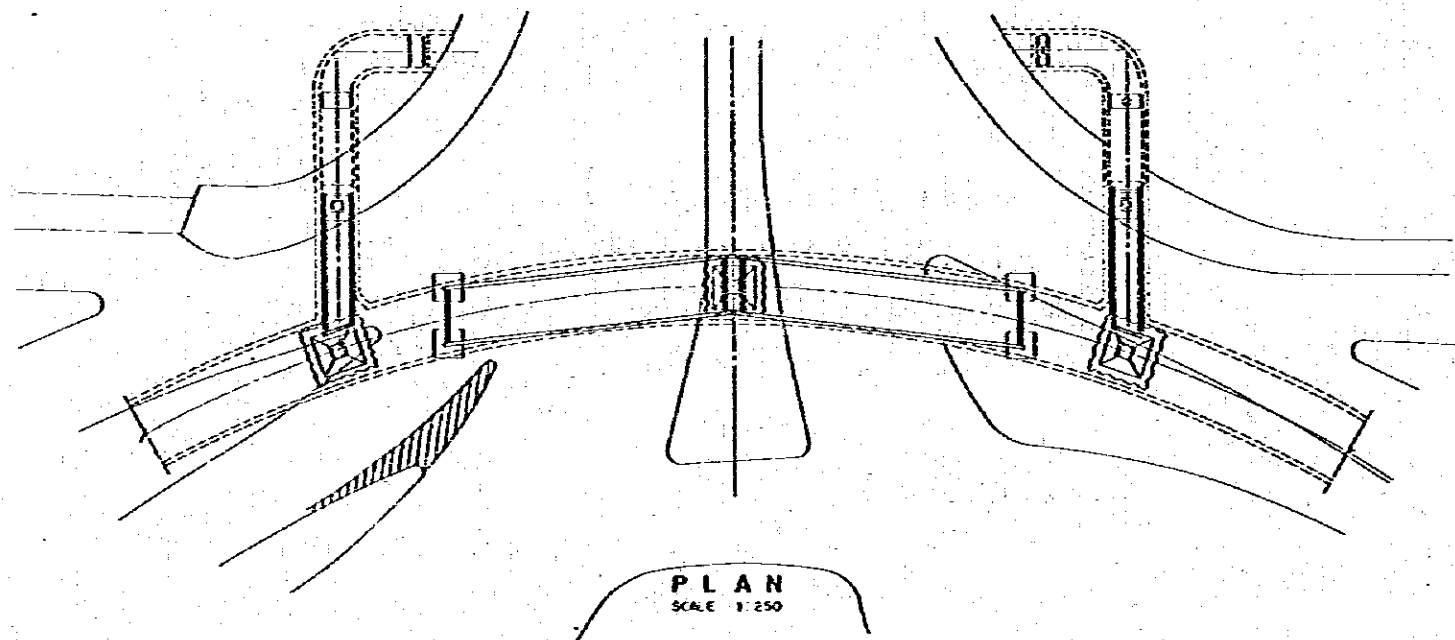
1. ALL DIMENSION ARE IN MILLIMETER.

TRAFFIC SAFETY PLAN FOR ROAD BY THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:300	CONTINUOUS OVERPASS RELOCATION OF UNDERGROUND UTILITY AND MODIFICATION OF TRAFFIC ISLAND	DWG NO 8-12

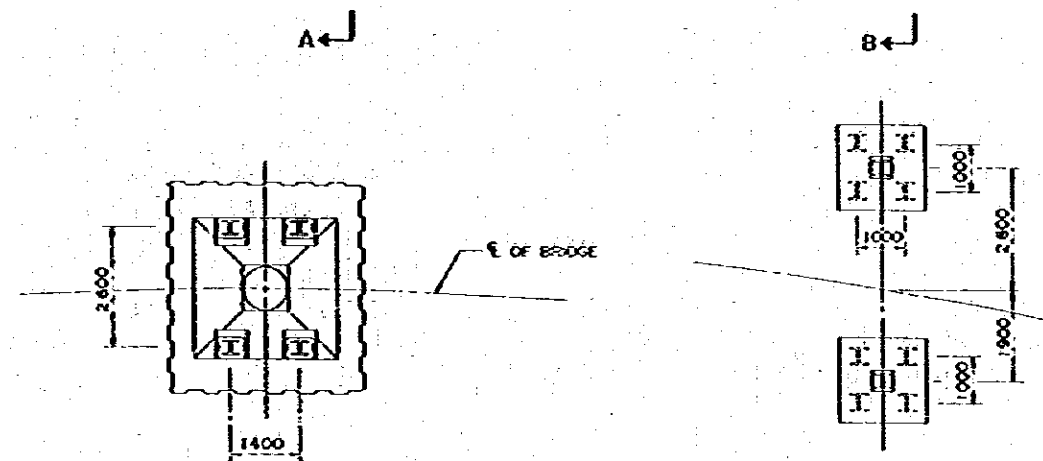
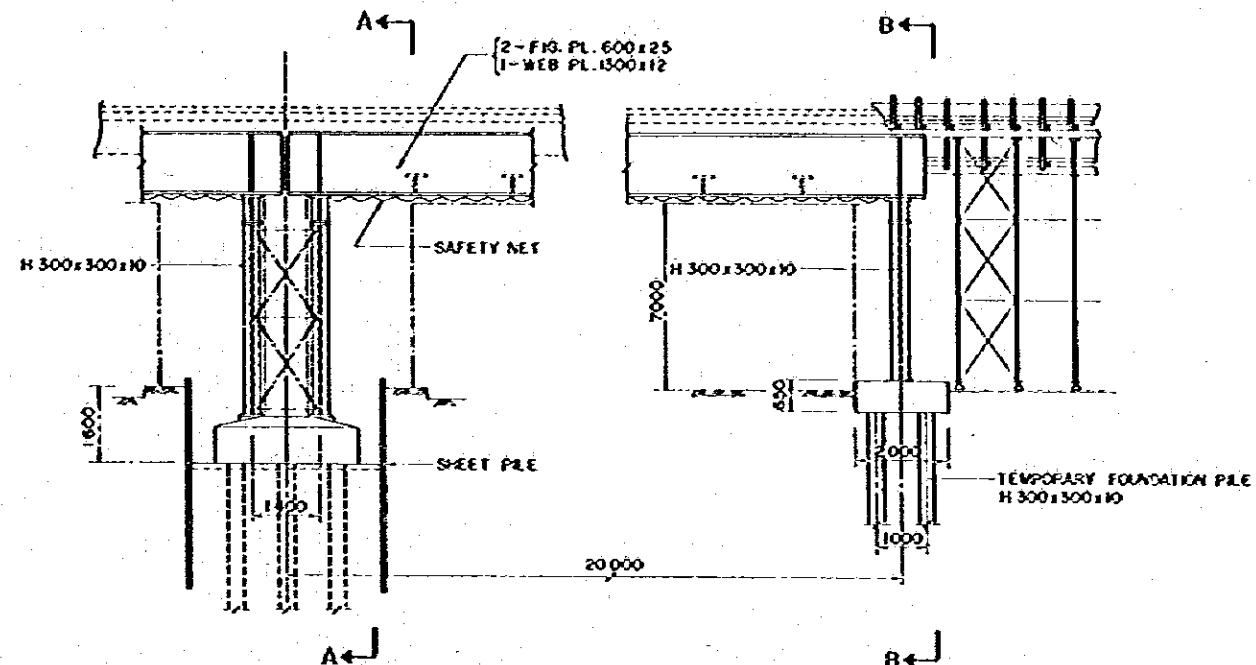




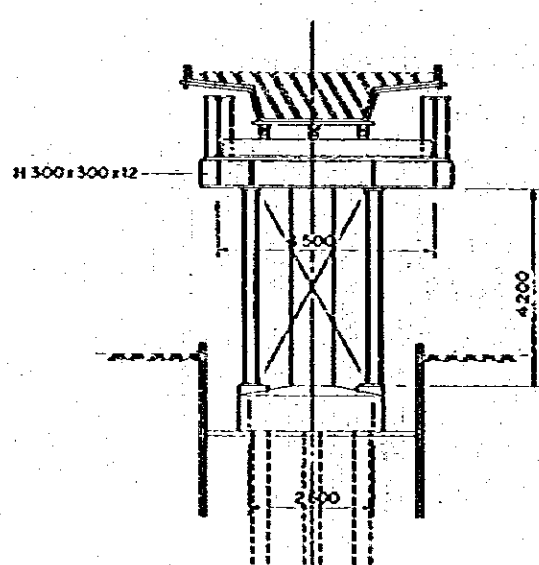
ELEVATION  
SCALE 1:250



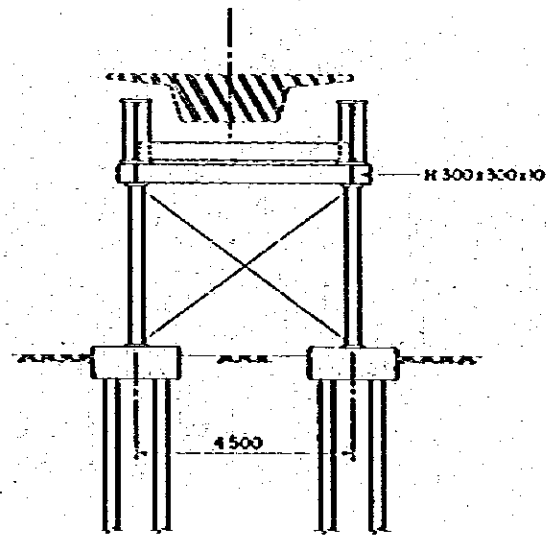
PLAN  
SCALE 1:250



PARTIAL DETAIL OF ERECTION GIRDER AND STAGING  
SCALE 1:75



SECTION A - A  
SCALE 1:75



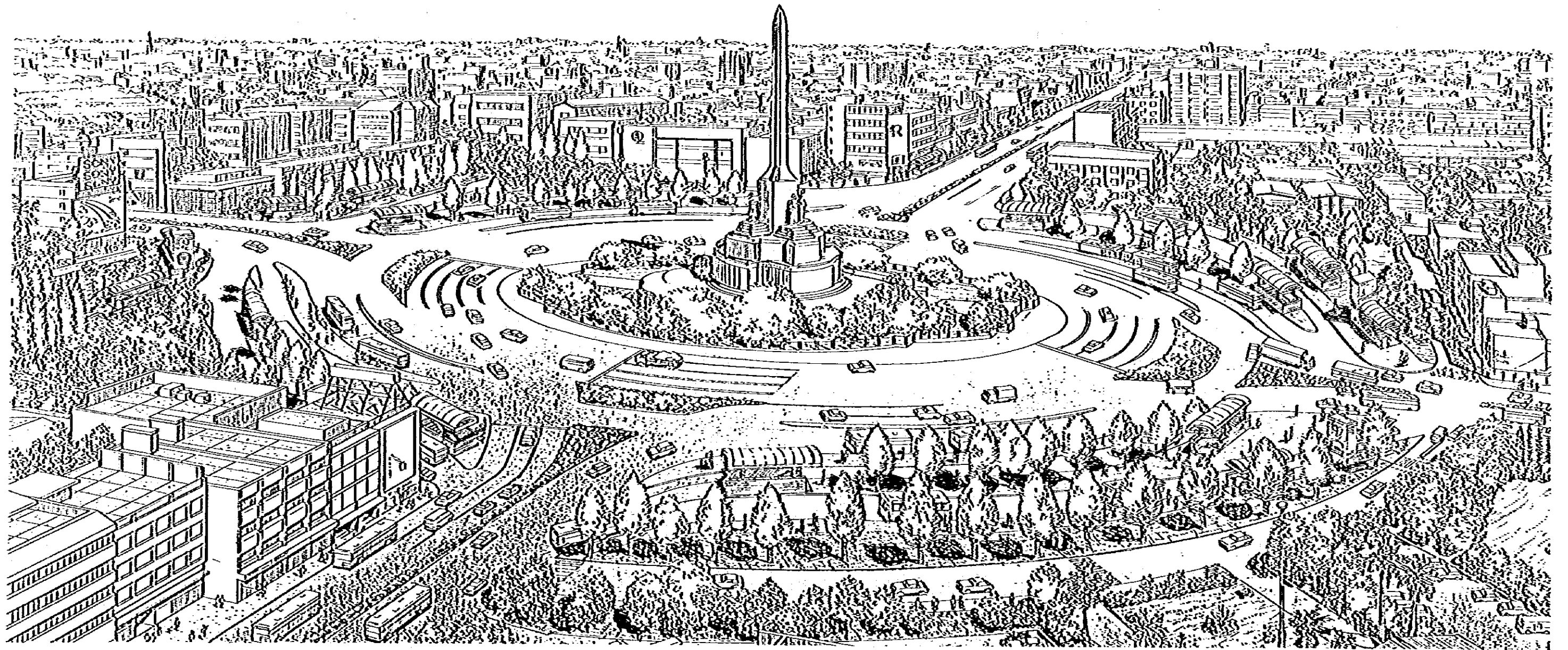
SECTION B - B  
SCALE 1:75

**NOTE**

1. ALL DIMENSIONS ARE IN MILLIMETER.

TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:250	CONTINUOUS OVERPASS	DRWG. NO.
1:75	ERECTION GIRDER AND STAGING	B-13



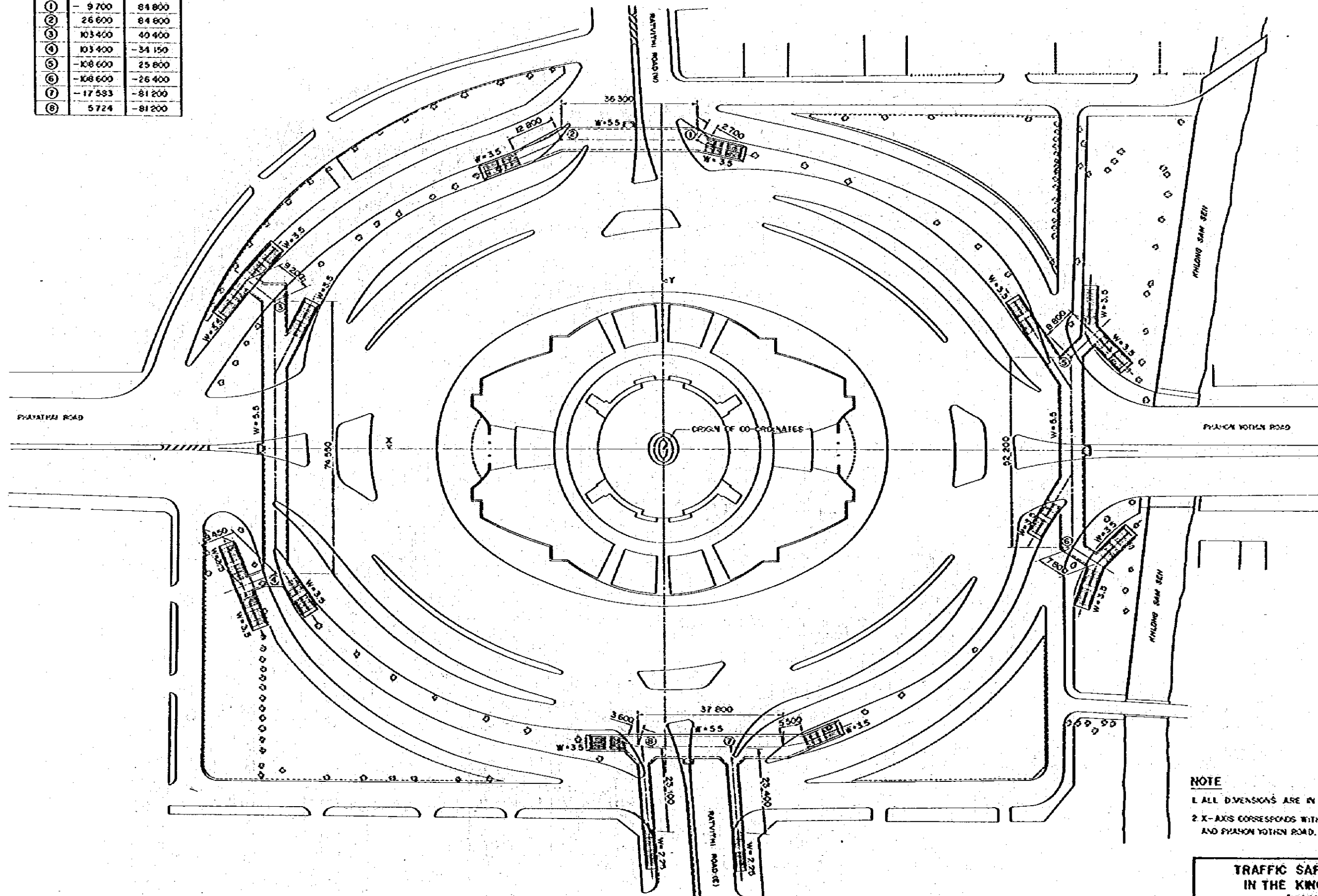


SEPARATE UNDERPASS

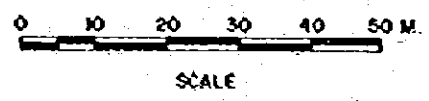
CO-ORDINATES

POINT	X	Y
①	- 9 700	84 800
②	26 600	84 600
③	103 400	40 400
④	103 400	-34 150
⑤	-108 600	25 800
⑥	-108 600	-26 400
⑦	-17 583	-81 200
⑧	5 724	-81 200

UNIT: cm

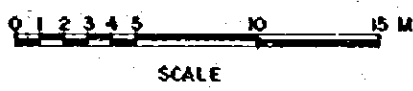
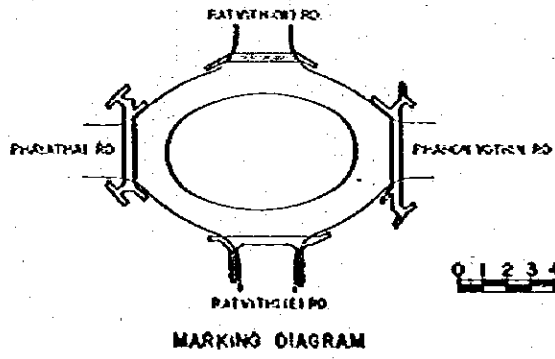
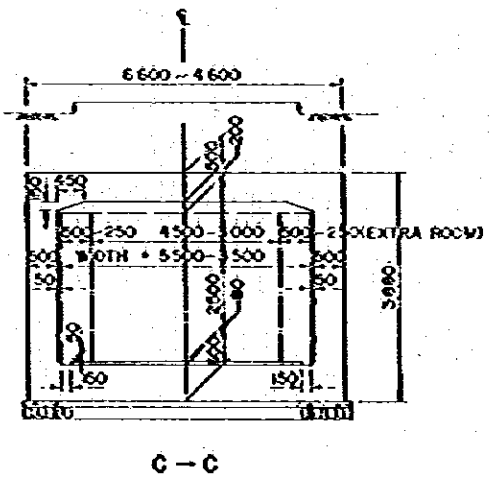
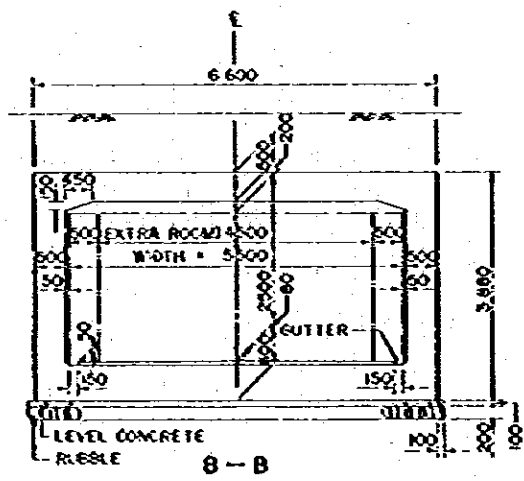
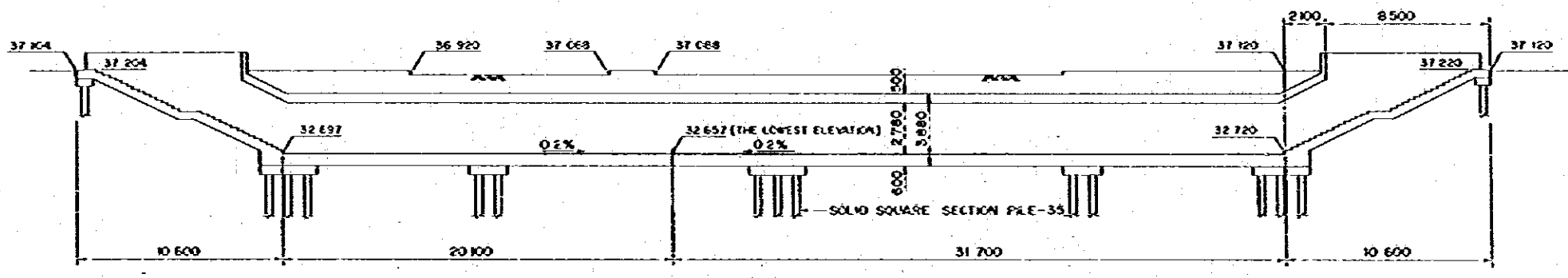
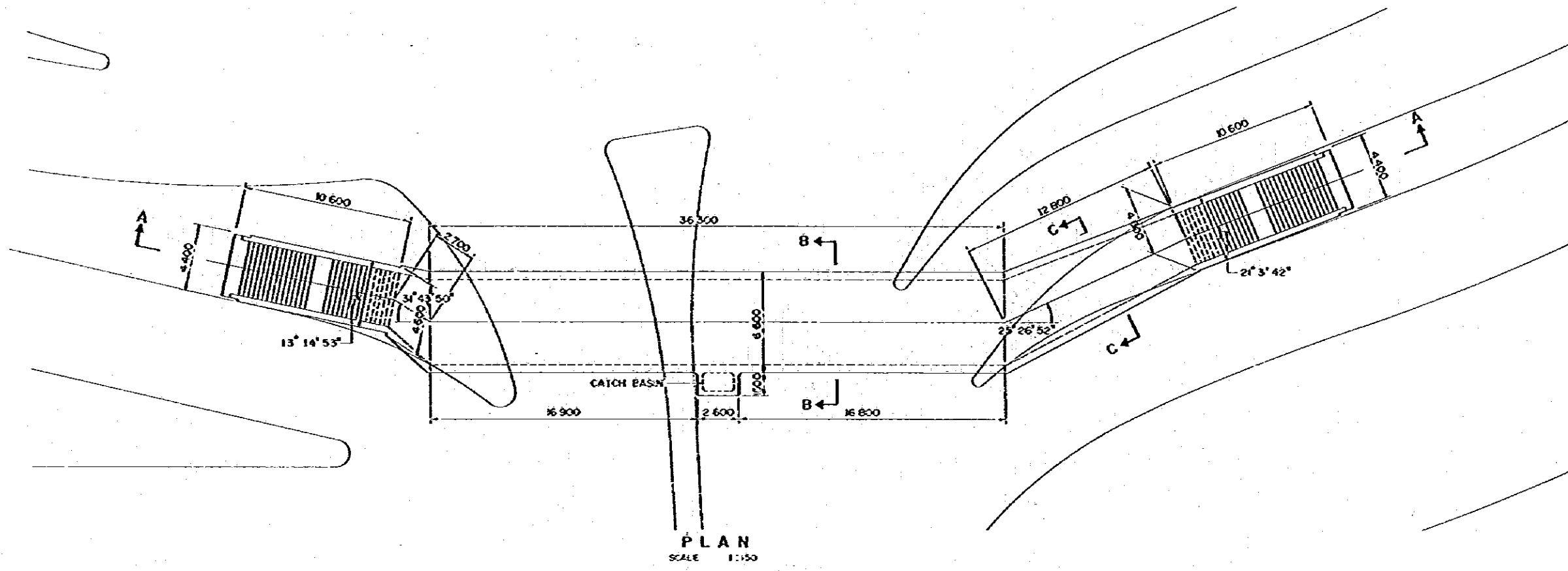


**NOTE**  
 1. ALL DIMENSIONS ARE IN MILLIMETER EXCEPT FOR WIDTH (W).  
 2. X-AXIS CORRESPONDS WITH THE CENTER LINE OF PHAYATHAI ROAD AND PHAYAKON YOTHIN ROAD.



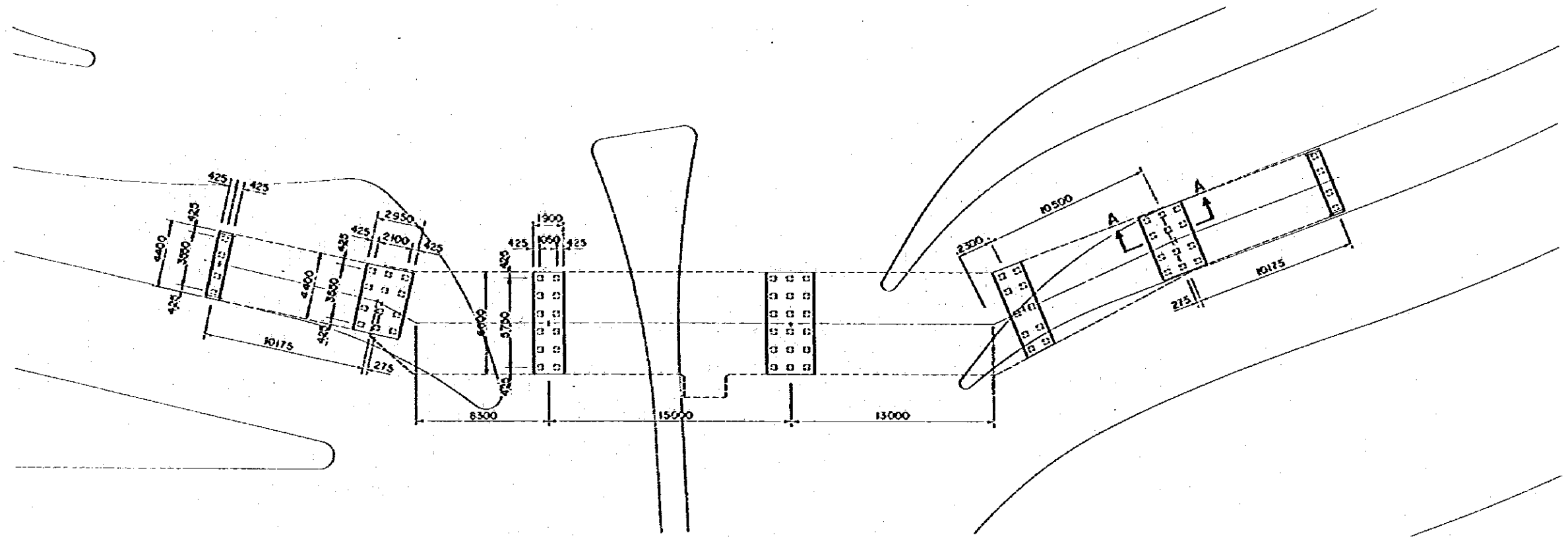
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:500	SEPARATE UNDERPASS GENERAL PLAN	DWG NO. U-1





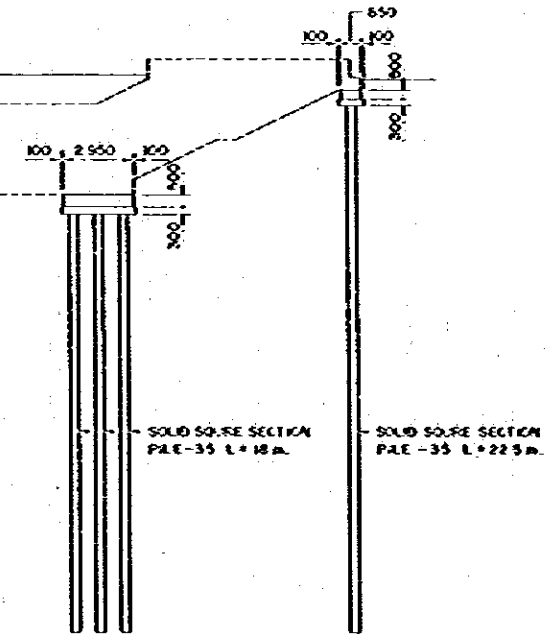
- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER.
  2. SEE DRAWING NO. U-15 FOR THE DETAIL OF CATCH BASIN.
  3. SEE DRAWING NO. U-17 FOR THE DETAIL OF STAIRWAY.
  4. GROUND HEIGHT IS ORIGINATED FROM EVA ROAD IMPROVEMENT PROJECT.

TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:150 1:60	SEPARATE UNDERPASS RATVITHI ROAD (W) UNDERPASS PLAN, SECTION	DWG NO. U-2

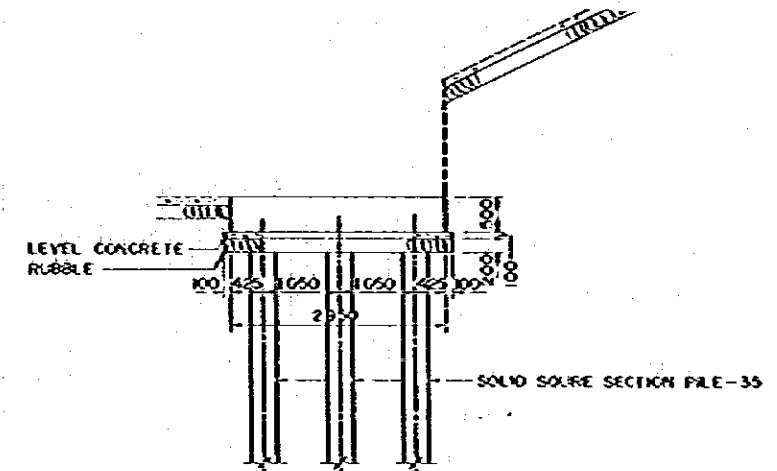


ARRANGEMENT OF FOOTING  
SCALE 1:150

DESCRIPTION OF MATERIAL	N-VALUE (BLG/FT)
CLAYEY SAND AND GRA. EL. ROOTS LI-GRAY CLAY SOME FINE SAND TRACE OF MCA	0 20 40 60 80
CLAY, TRACE OF MCA, SHELL, GRAY, SOFT.	
9.00 m	
CLAY, TRACE OF PEAT, GRAY, MEDIUM	
13.00 m	
SILTY CLAY, GRAYISH LI-BROWN, STIFF TO VERY STIFF.	
20.00 m	
CLAYEY SILTY FINE SAND TO FINE SAND SILTY CLAY TRACE OF MCA GRAYISH LI- BROWN, VERY STIFF.	
22.00 m	
SILTY CLAY, BROWN, HARD	
24.50 m	
CLAY, GRAYISH LI-BROWN, VERY STIFF.	
27.50 m	
FINE SANDY SILTY CLAY, TRACE OF MCA LI-GRAY, VERY STIFF.	
30.50 m	
SILTY FINE SAND, GRAYISH LI-BROWN, VERY DENSE.	
33.45 m	

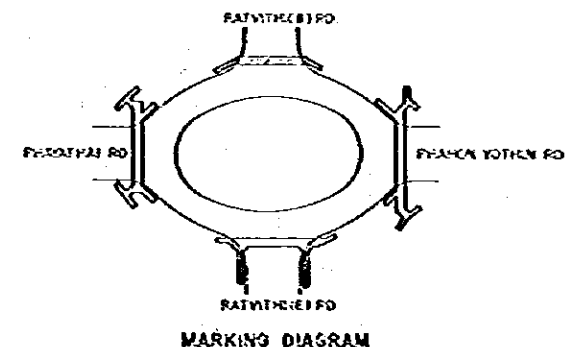


THE DEPTH OF PILE  
SCALE 1:150

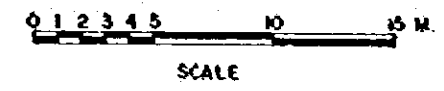


SECTION A-A  
SCALE 1:50

NOTE  
1. ALL DIMENSION ARE IN MILLIMETER.

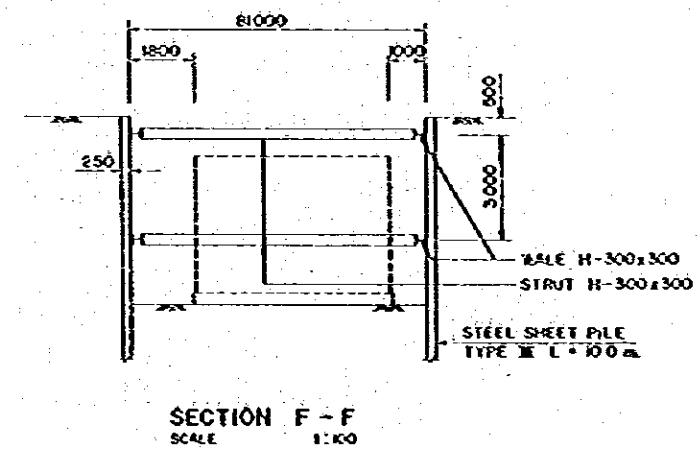
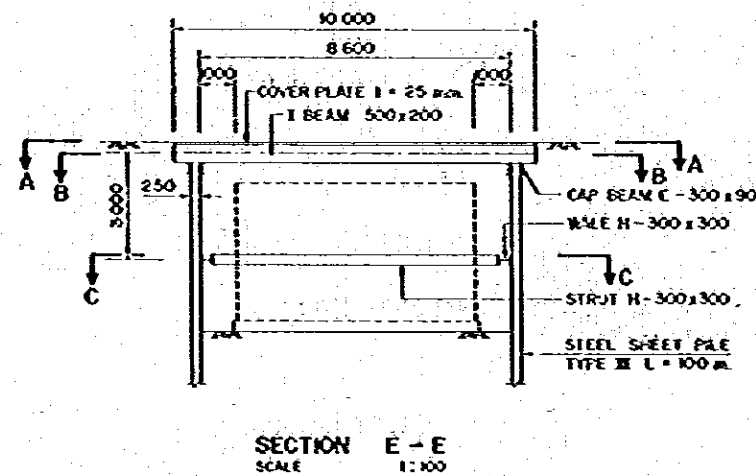
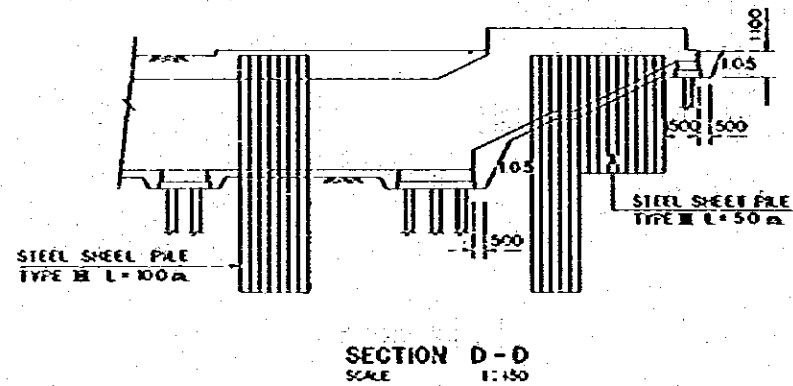
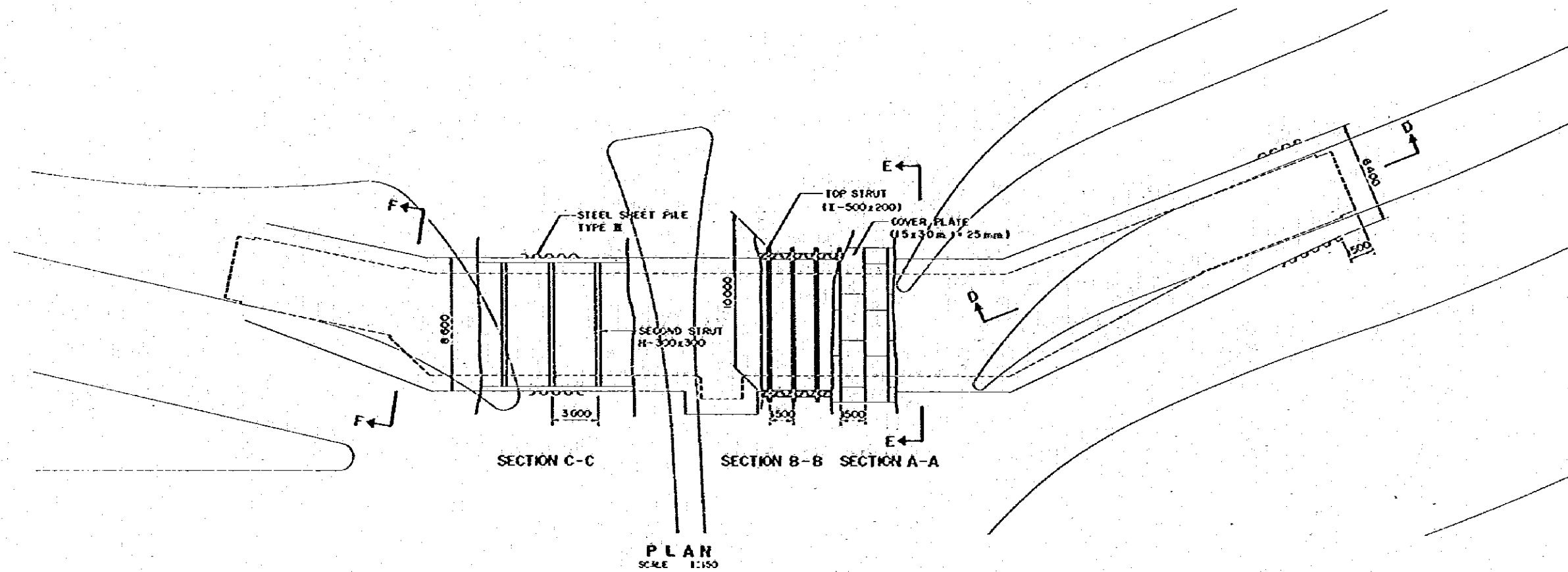


TRAFFIC SAFETY PLAN FOR ROAD  
IN THE KINGDOM OF THAILAND  
(VICTORY MONUMENT)

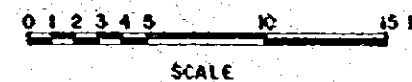
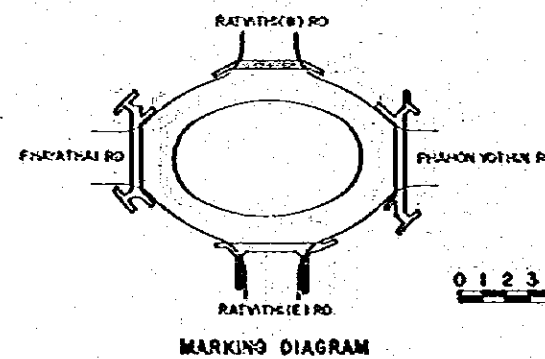


SCALE 1:150 1:50	SEPARATE UNDERPASS RATVITHI ROAD (W) UNDERPASS ARRANGEMENT OF FOOTING	DWG NO U-3
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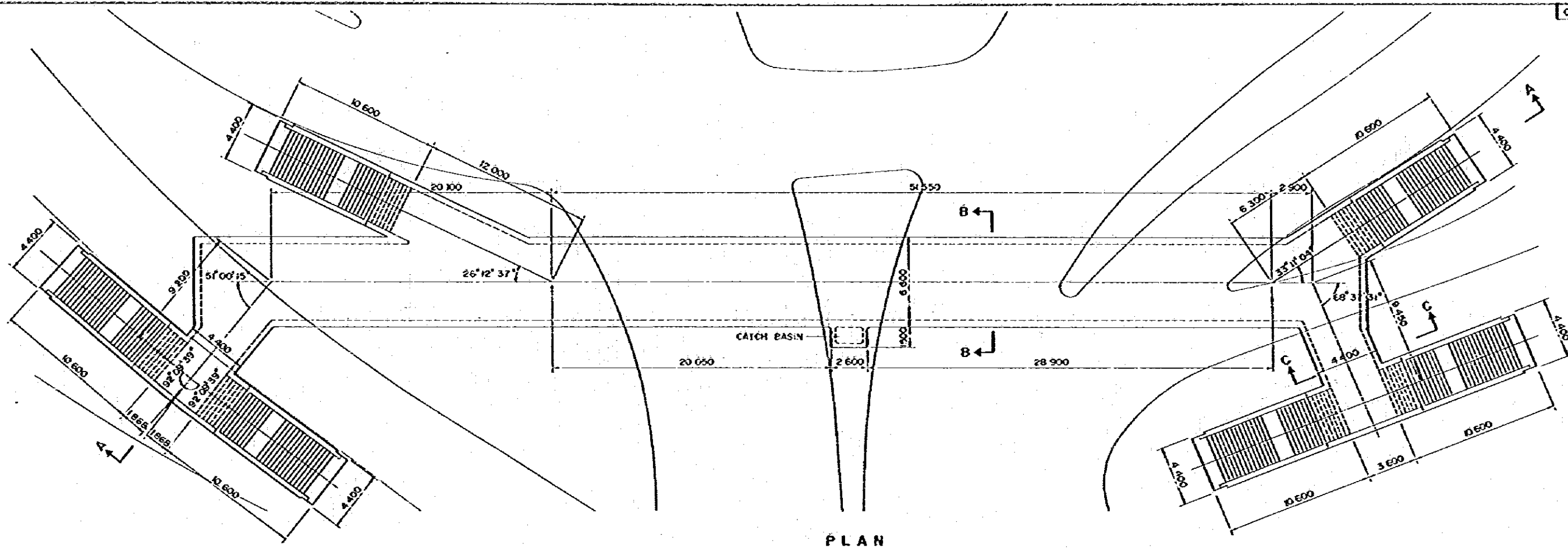
SOURCE : RATVITHI HOSPITAL, STORE BUILDING  
NURSING COLLEGE PROJECT.



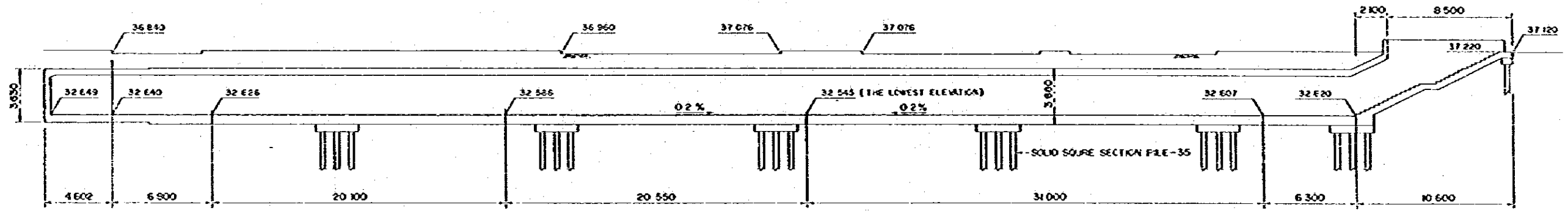
**NOTE**  
 1 ALL DIMENSIONS ARE IN MILLIMETER.  
 2 ONLY CARRIAGE WAY SHALL BE COVERED BY PLATE.



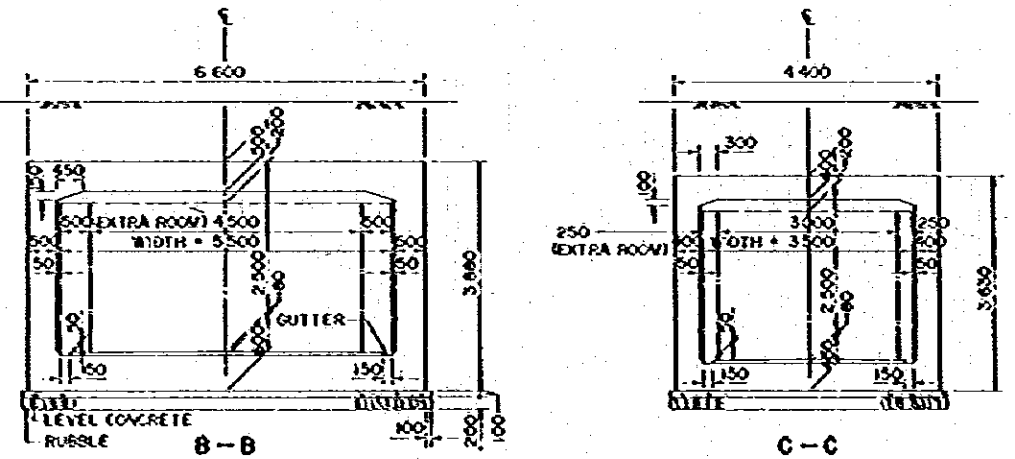
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:150 1:100	SEPARATE UNDERPASS RATVITHI ROAD (W) UNDERPASS FALSE WORK	CDS NO. U-4



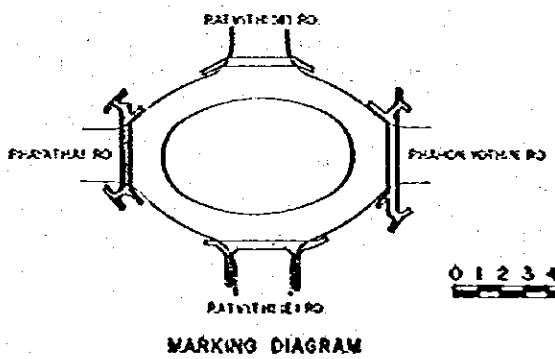
PLAN  
SCALE 1:150



LONGITUDINAL SECTION A-A  
SCALE 1:150



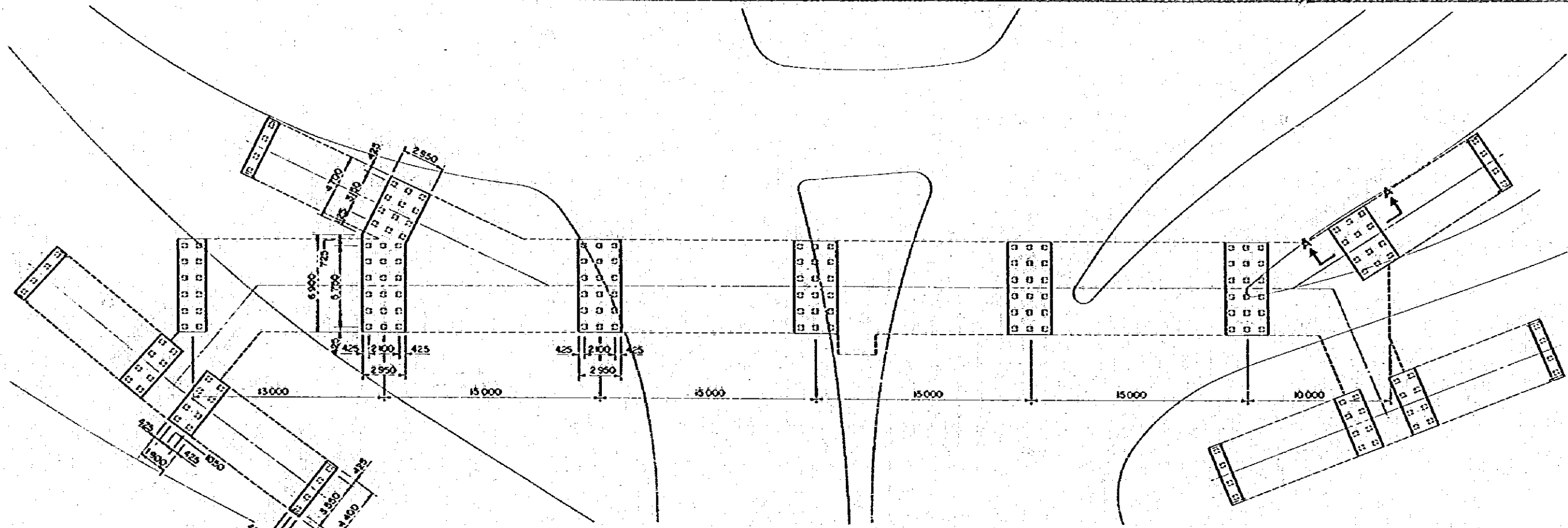
CROSS SECTION  
SCALE 1:60



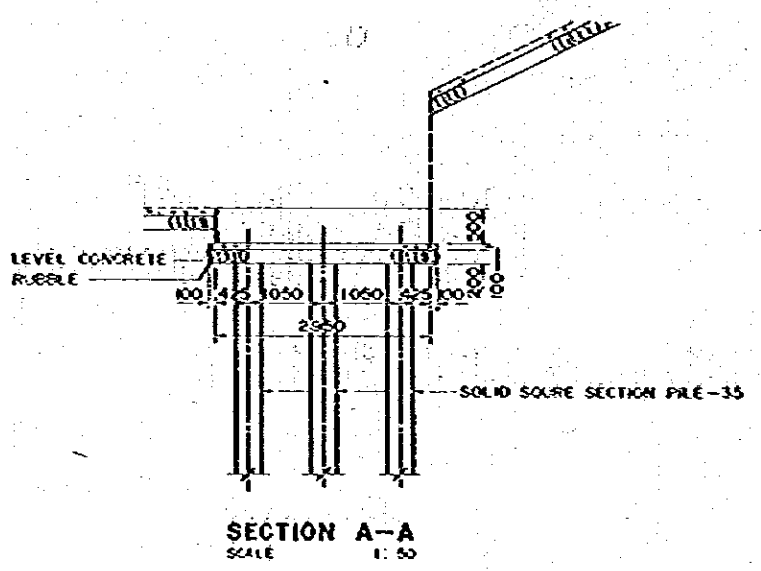
SCALE 0 1 2 3 4 5 10 15 M.

- NOTES**
- 1 ALL DIMENSIONS ARE IN MILLIMETER.
  - 2 SEE DRAWING NO. U-15 FOR THE DETAIL OF CATCH BASIN.
  - 3 SEE DRAWING NO. U-17 FOR THE DETAIL OF STAIRWAY.
  - 4 GROUND HEIGHT IS ORIGINATED FROM BVA ROAD IMPROVEMENT PROJECT.

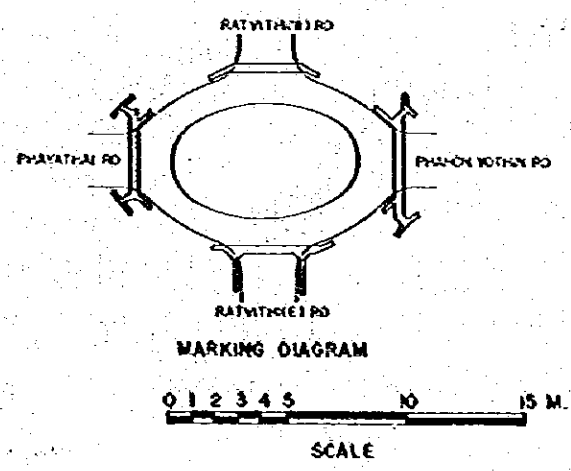
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:150 1:60	SEPARATE UNDERPASS PHAYATHAI ROAD UNDERPASS PLAN, SECTION	Draw NO U-5



ARRANGEMENT OF FOOTING  
SCALE 1:150



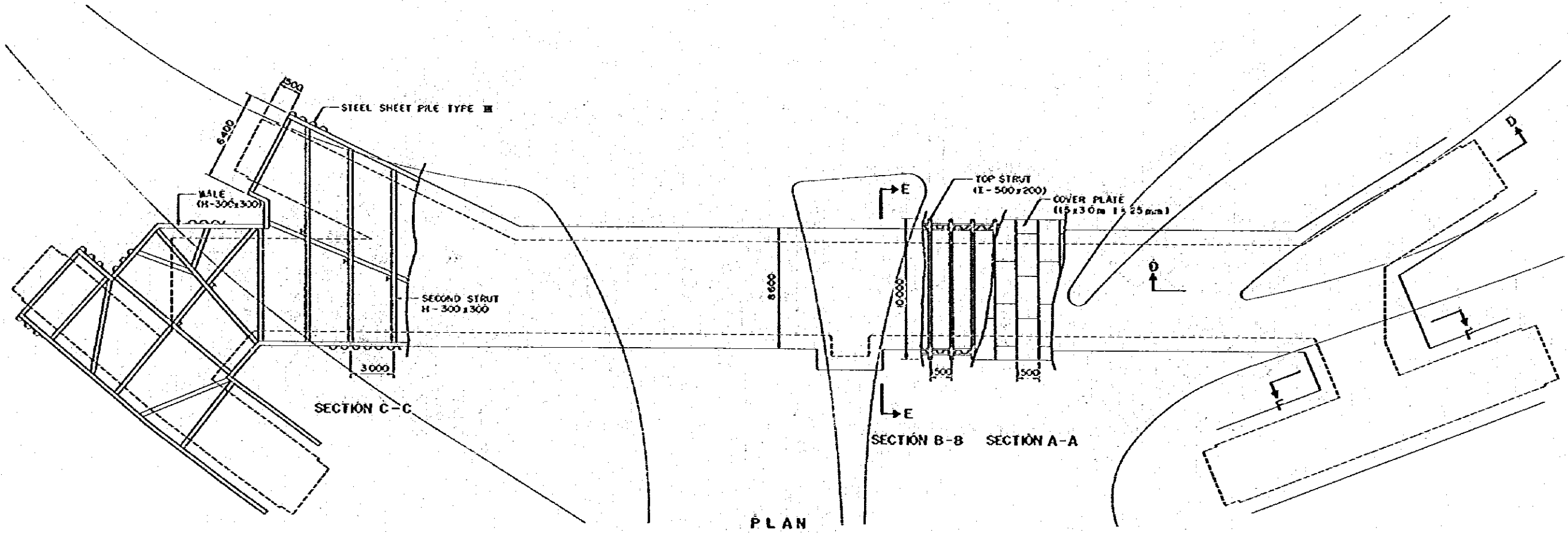
SECTION A-A  
SCALE 1:50



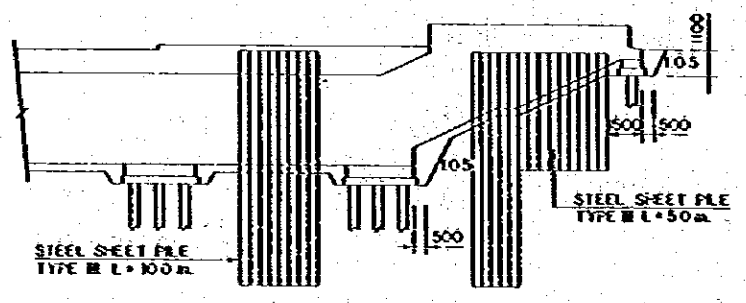
MARKING DIAGRAM  
SCALE 0 1 2 3 4 5 10 15 M.

- NOTES**
- 1. ALL DIMENSIONS ARE IN MILLIMETER.
  - 2. SEE DRAWING NO U-3 FOR PILE LENGTH.

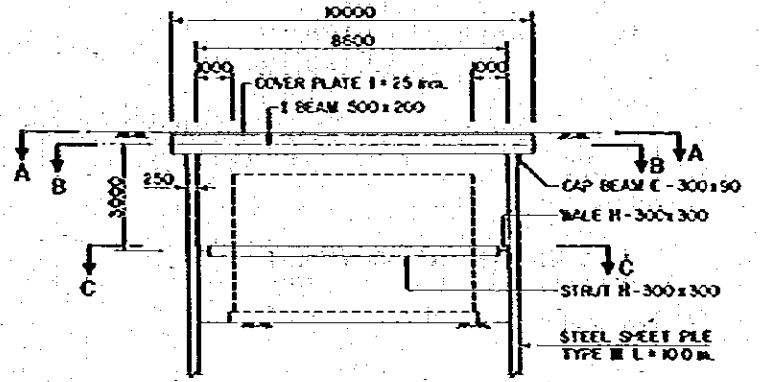
<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:150 1:50	SEPARATE UNDERPASS PHAYATHAI ROAD UNDERPASS ARRANGEMENT OF FOOTING	DWS NO U-6



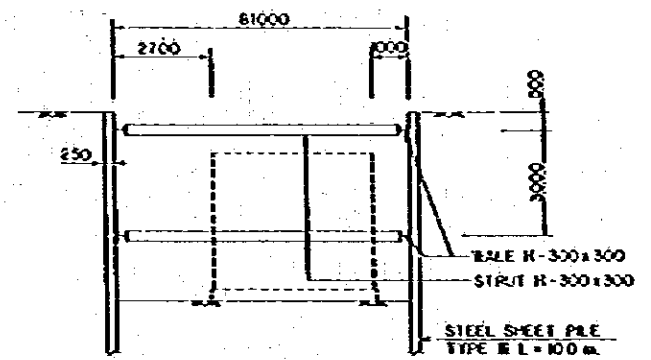
PLAN  
SCALE 1:60



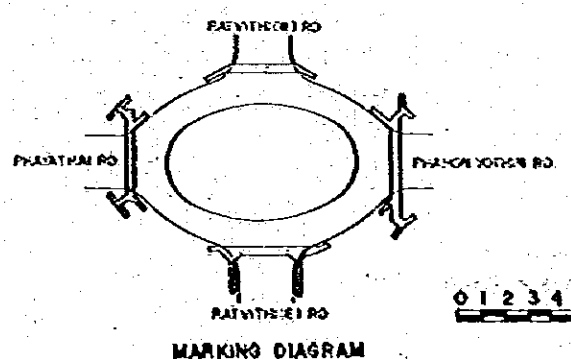
SECTION D-D  
SCALE 1:60



SECTION E-E  
SCALE 1:60



SECTION F-F  
SCALE 1:100

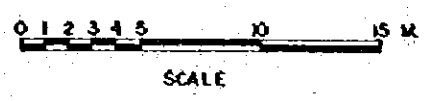
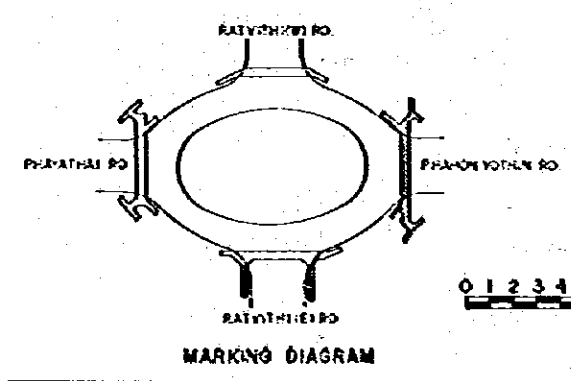
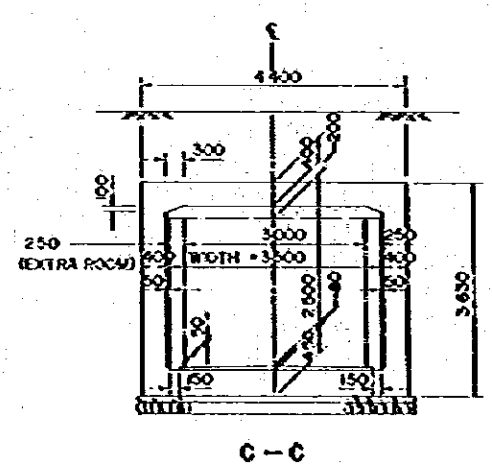
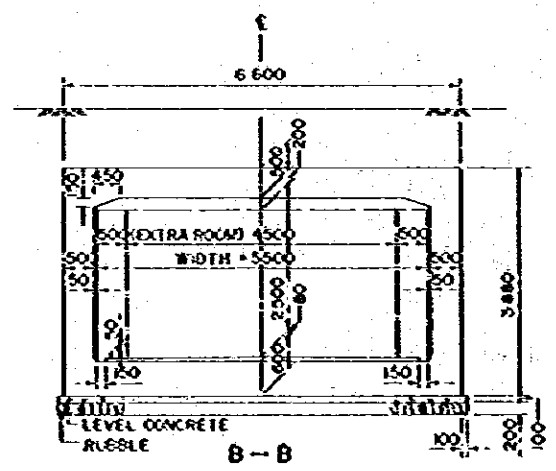
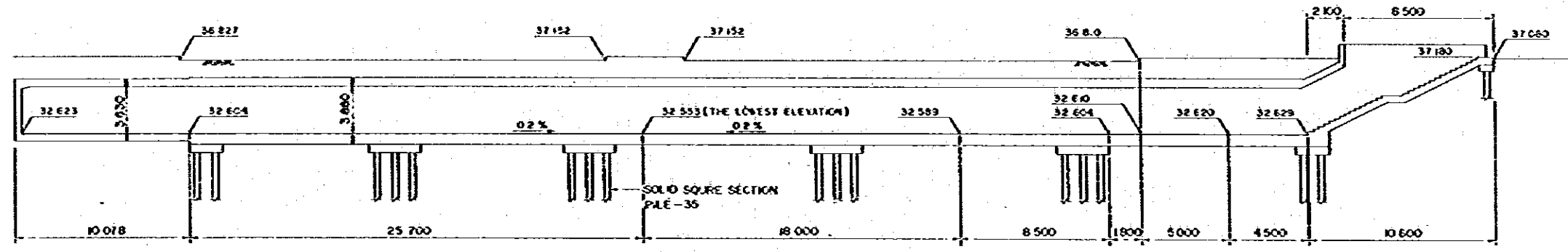
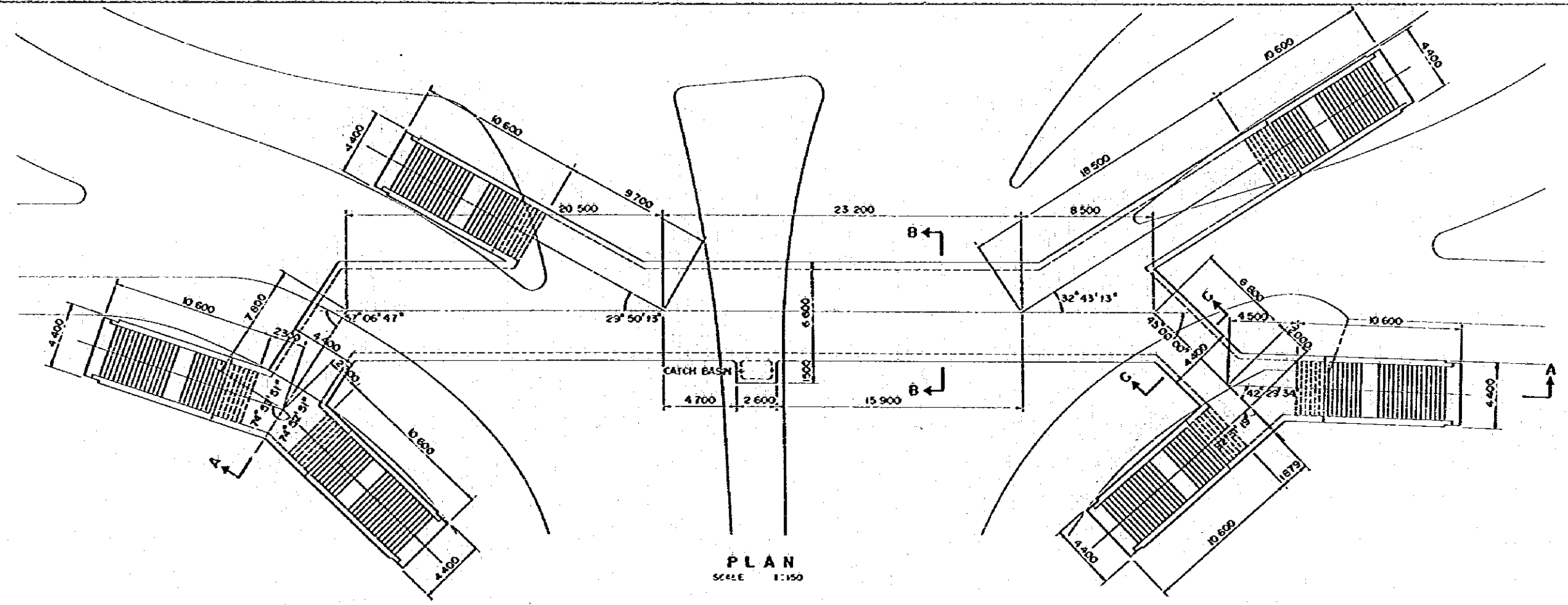


MARKING DIAGRAM



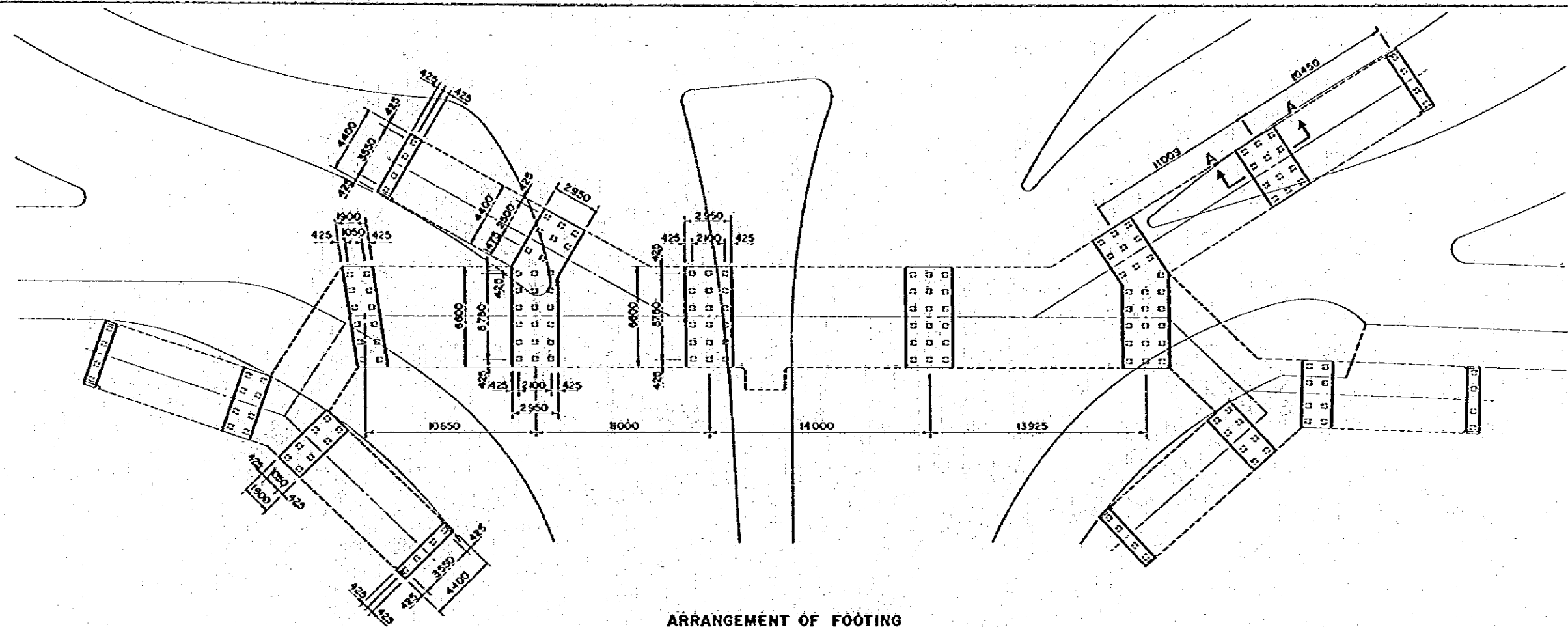
**NOTE**  
1. ALL DIMENSIONS ARE IN MILLIMETER.  
2. ONLY CARRIAGE WAY SHALL BE COVERED BY PLATE.

TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:150 1:60	SEPARATE UNDERPASS PHAYATHAI ROAD UNDERPASS FALSE WORK	CNS NO U-7

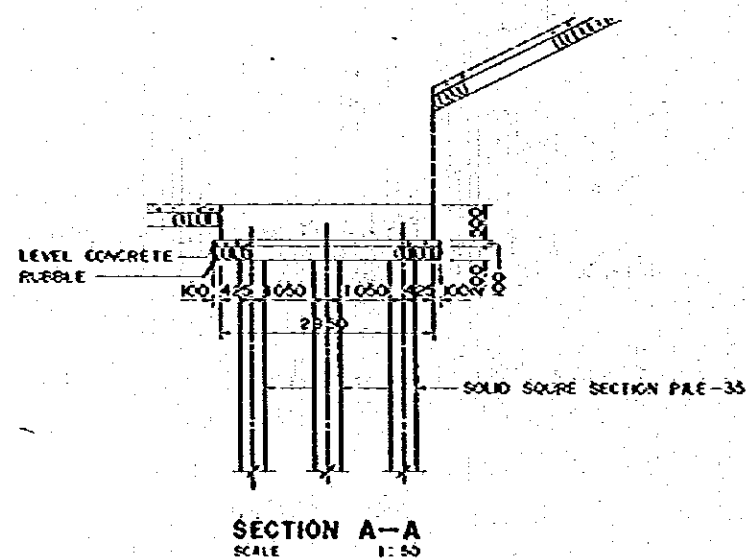


- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER.
  2. SEE DRAWING NO. U-15 FOR THE DETAIL OF CATCH BASIN.
  3. SEE DRAWING NO. U-17 FOR THE DETAIL OF STAR-BAY.
  4. GROUND HEIGHT IS ORIGINATED FROM BVA ROAD IMPROVEMENT PROJECT.

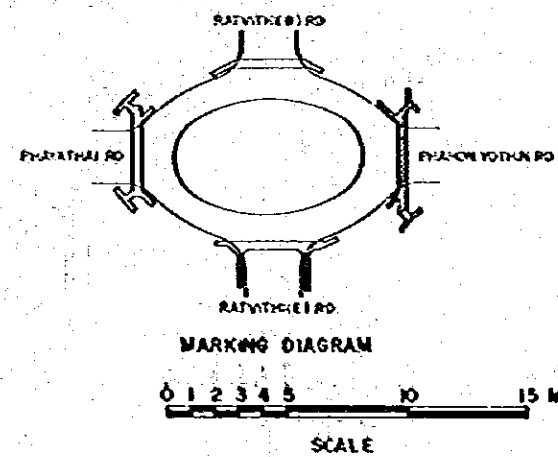
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:150 1:60	SEPARATE UNDERPASS <b>PHAHON YOTHIN ROAD UNDERPASS</b> PLAN, SECTION	DWG NO <b>U-8</b>



ARRANGEMENT OF FOOTING  
SCALE 1:150



SECTION A-A  
SCALE 1:50

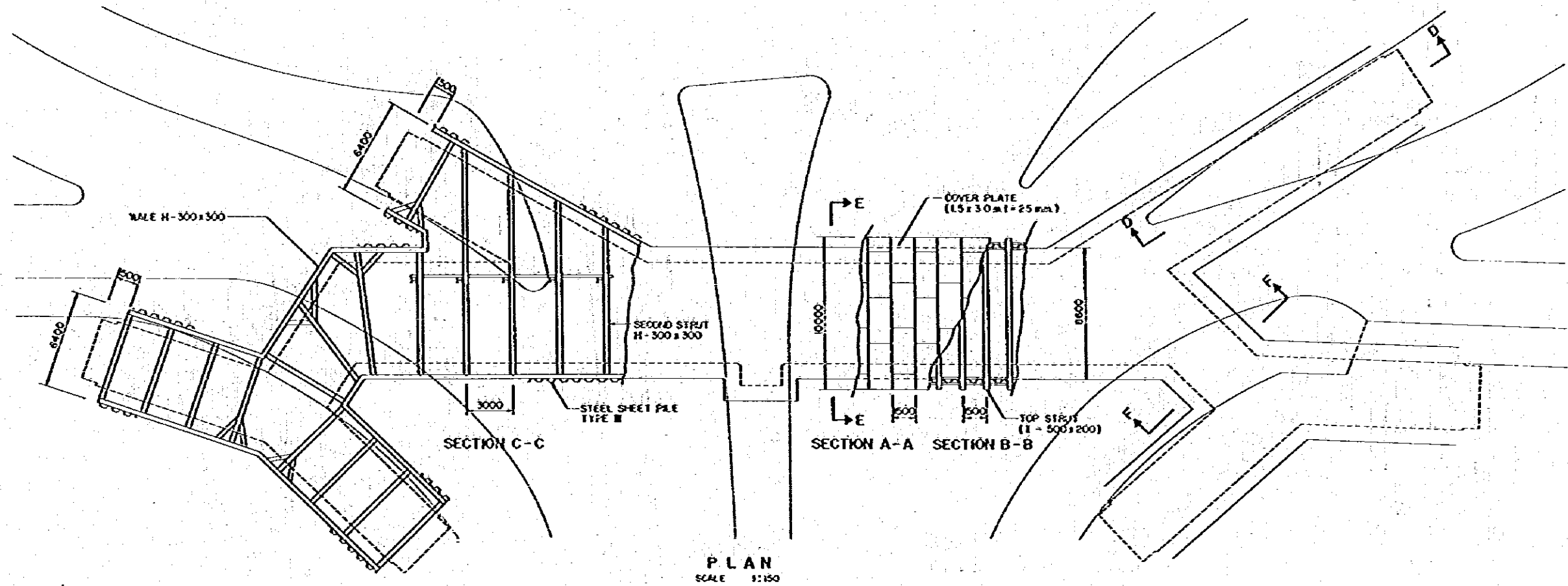


NOTES

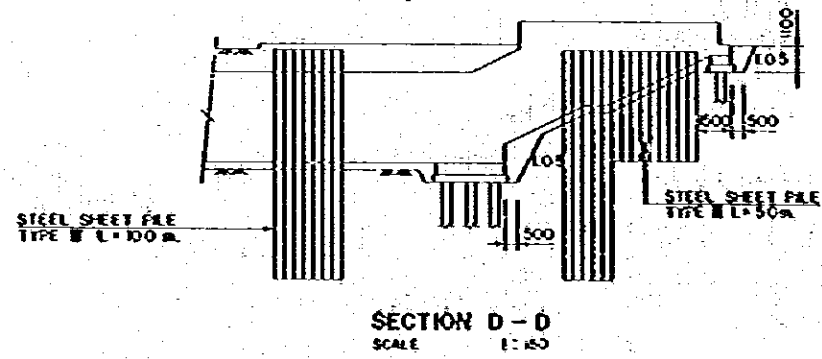
1. ALL DIMENSIONS ARE IN MILLIMETER.
2. SEE OPANS NOU-3 FOR PILE LENGTH.

TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1: 50 1: 50	SEPARATE UNDERPASS PHAYATHAI ROAD UNDERPASS ARRANGEMENT OF FOOTING	Dwg NO U-9

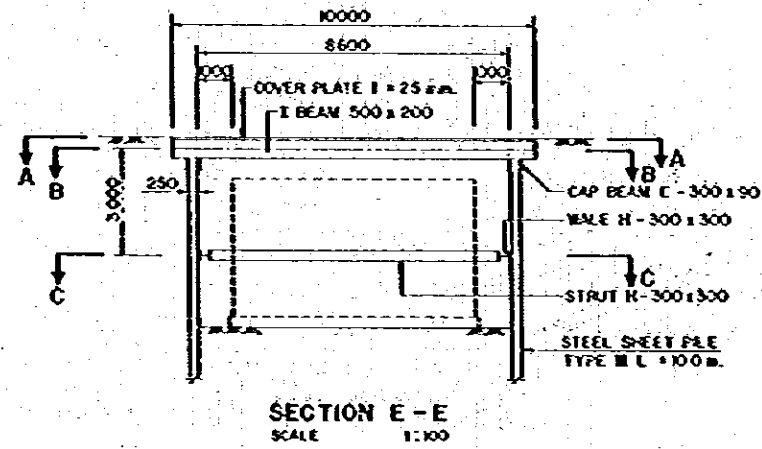




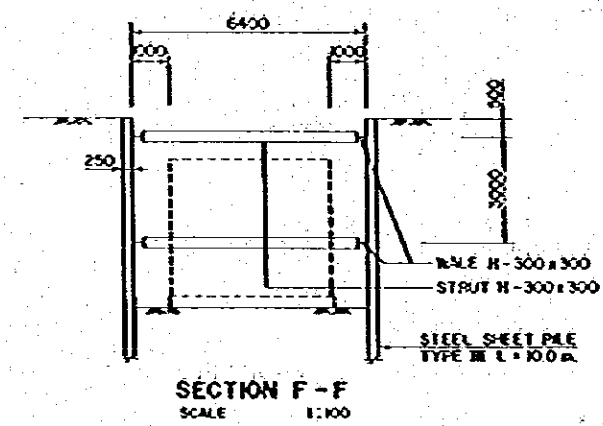
PLAN  
SCALE 1:150



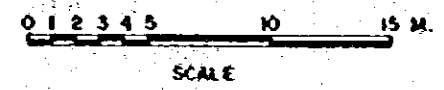
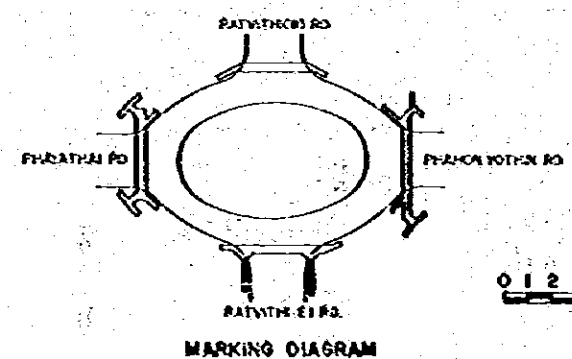
SECTION D-D  
SCALE 1:100



SECTION E-E  
SCALE 1:100



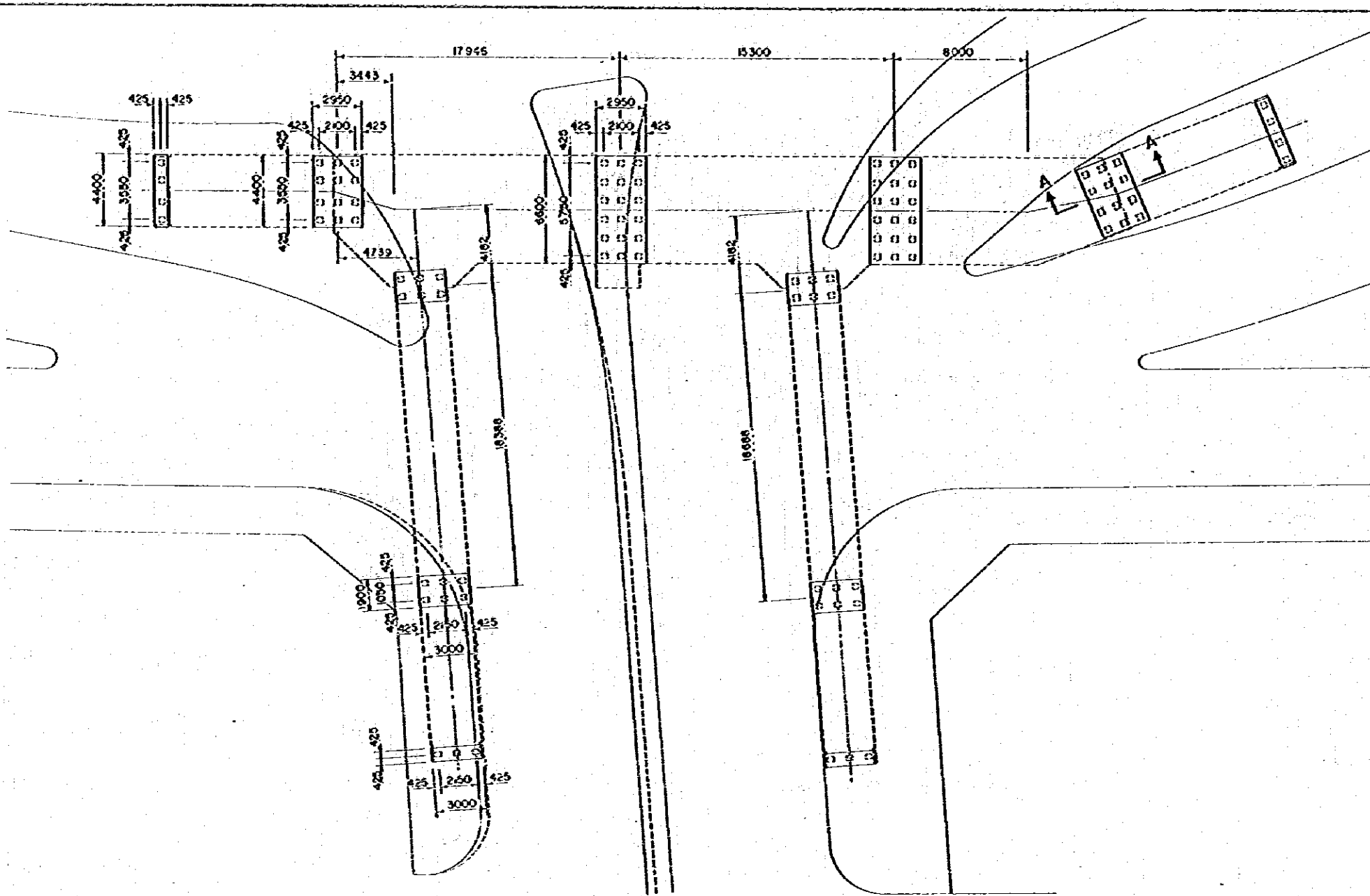
SECTION F-F  
SCALE 1:100



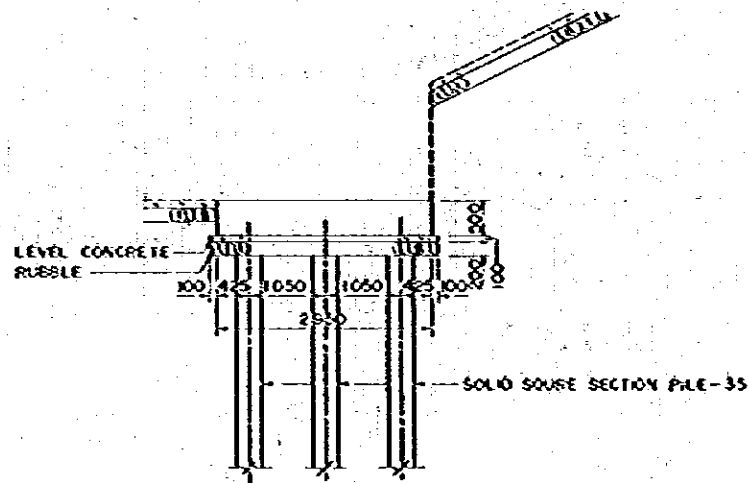
**NOTE**  
1. ALL DIMENSIONS ARE IN MILLIMETER.  
2. ONLY CARRIAGE WAY SHALL BE COVERED BY PLATE.

<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:150 1:100	SEPARATE UNDERPASS PHAYONG YOTHIN ROAD UNDERPASS FALSE WORK	CDS NO U-10

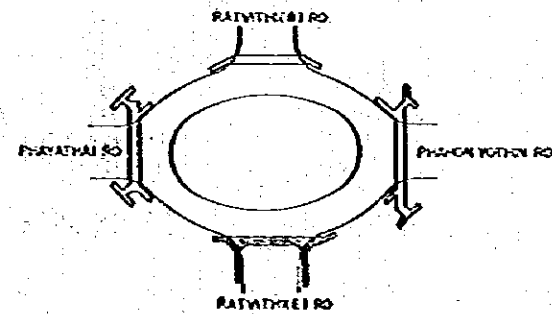




**ARRANGEMENT OF FOOTING**  
SCALE 1:50



**SECTION A-A**  
SCALE 1:50

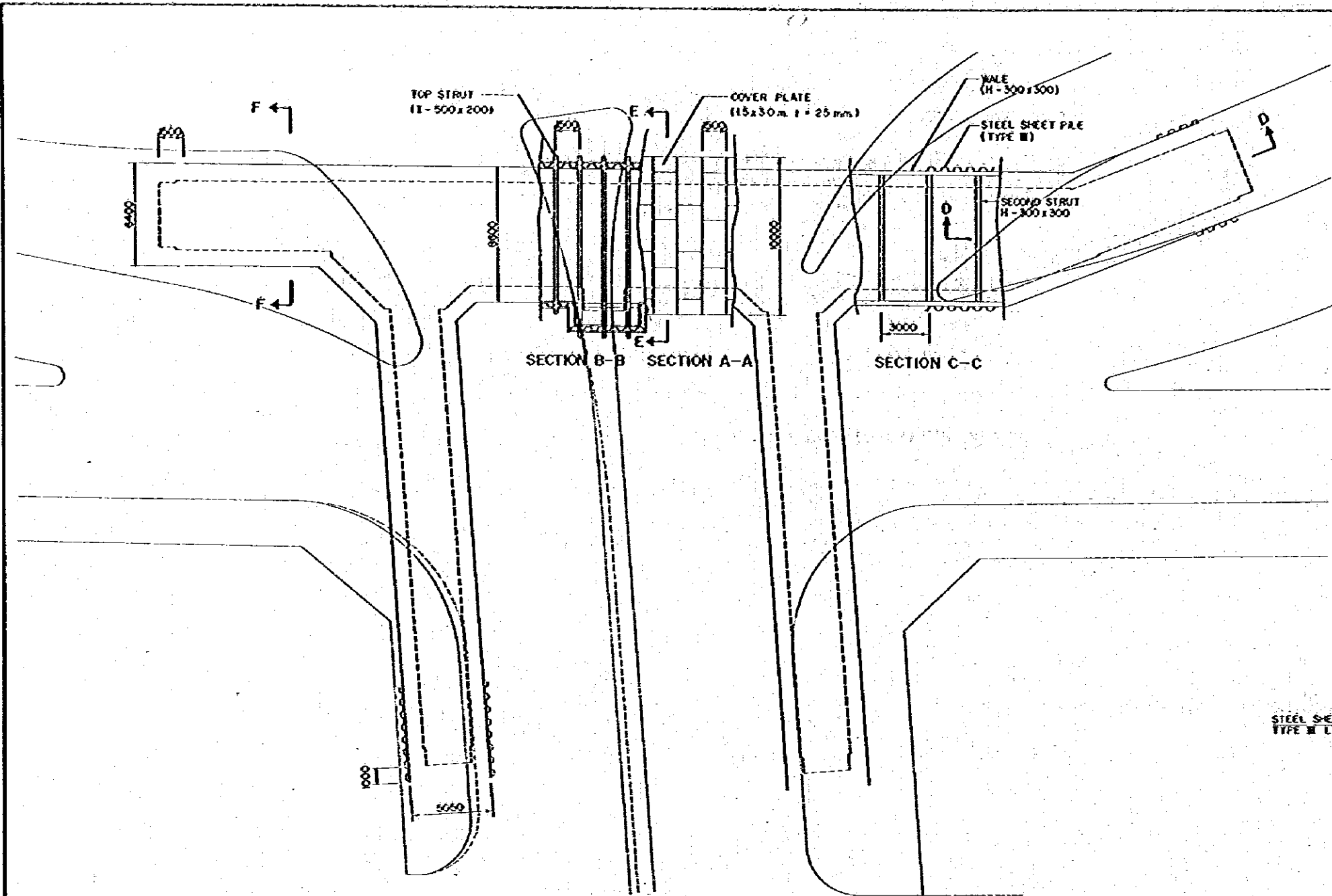


**MARKING DIAGRAM**  
SCALE 0 1 2 3 4 5 10 15 M.

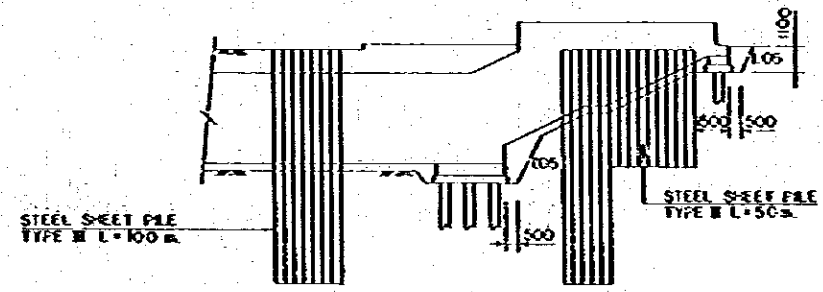
**NOTES**

- 1. ALL DIMENSIONS ARE IN MILLIMETER.
- 2. SEE DRAWING NO. U-3 FOR PILE LENGTH.

<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:150 1:50	SEPARATE UNDERPASS <b>RATVITHI ROAD (E) UNDERPASS</b> ARRANGEMENT OF FOOTING	DWS 90 U-12

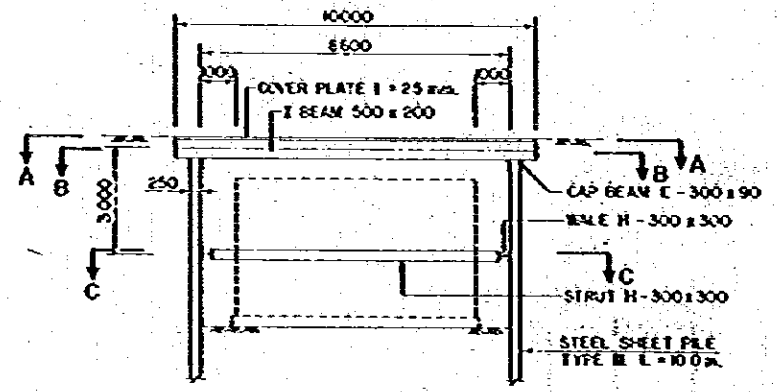


**PLAN**  
SCALE 1:150

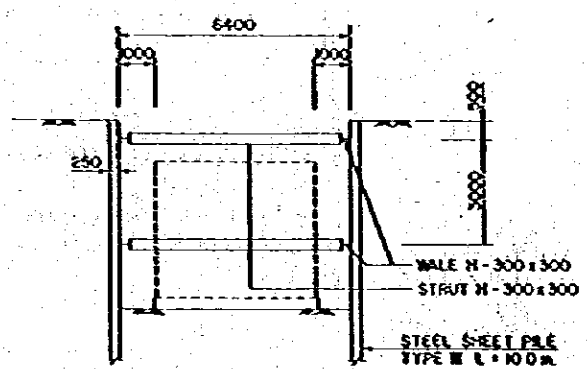


**SECTION D-D**  
SCALE 1:150

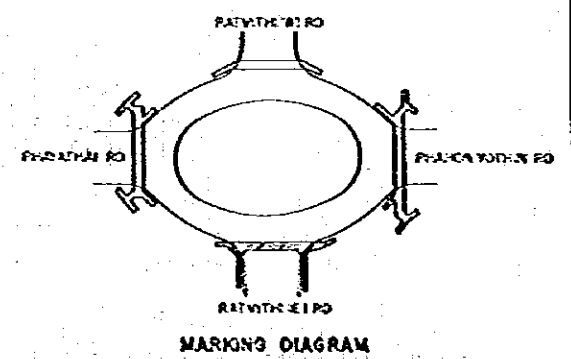
**NOTE**  
1. ALL DIMENSIONS ARE IN MILLIMETER.  
2. CARRIAGE WAY AND SIDE WALK SHALL BE COVERED BY PLATE.



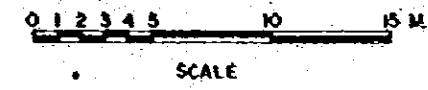
**SECTION E-E**  
SCALE 1:100

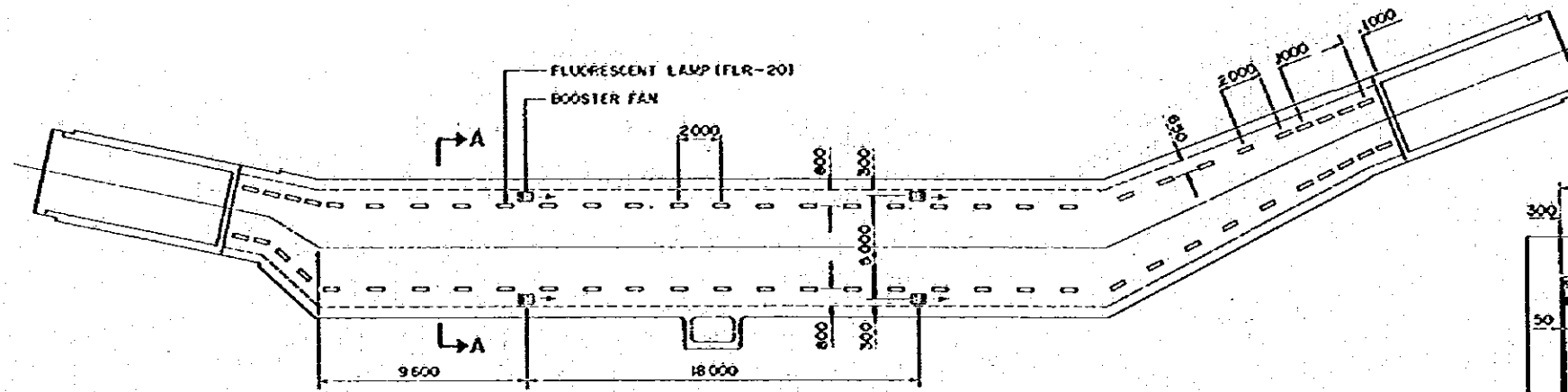


**SECTION F-F**  
SCALE 1:100

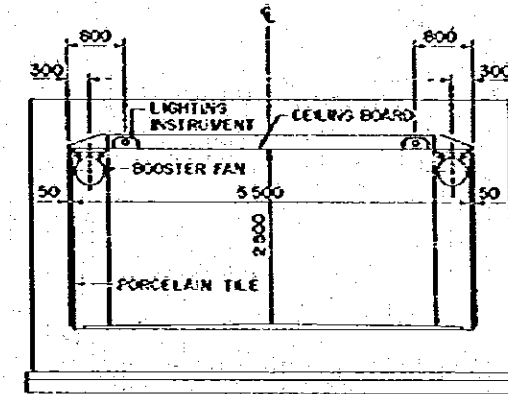


<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:150 1:100	SEPARATE UNDERPASS <b>RATVITHI ROAD (E) UNDERPASS</b> FALSE WORK	CNS NO  U-13

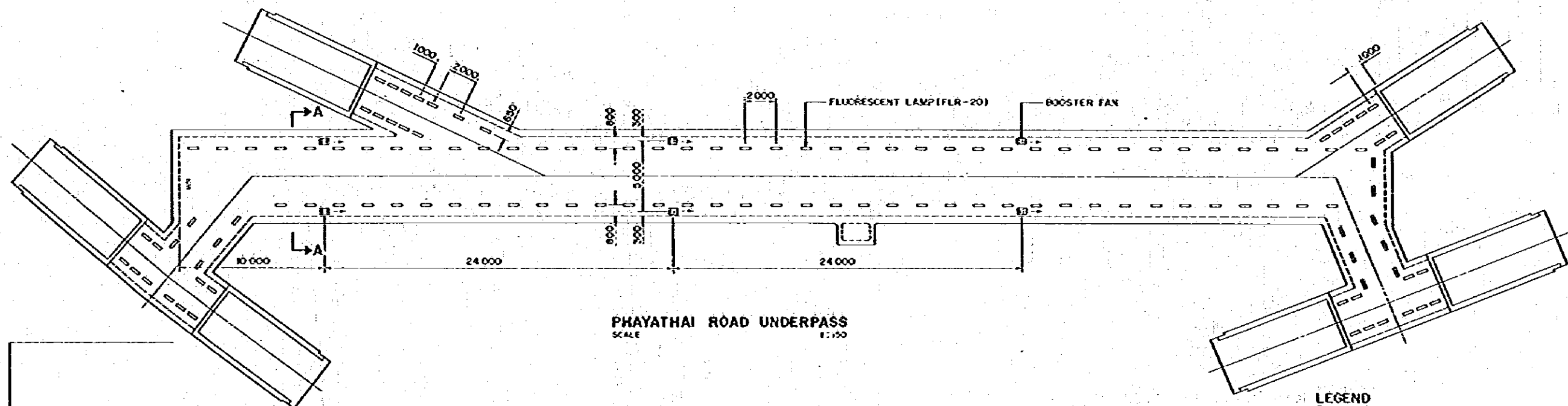




**RATVITHI ROAD (WEST) UNDERPASS**  
SCALE 1:50



**SECTION A-A**  
SCALE 1:50

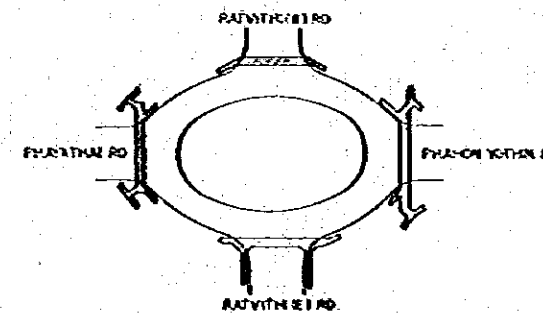


**PHAYATHAI ROAD UNDERPASS**  
SCALE 1:50

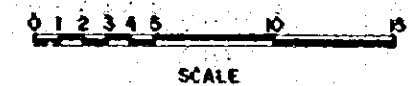
**LEGEND**  
 FLUORESCENT LAMP  
 BOOSTER FAN

**NOTE**  
ALL DIMENSIONS ARE IN MILLIMETER

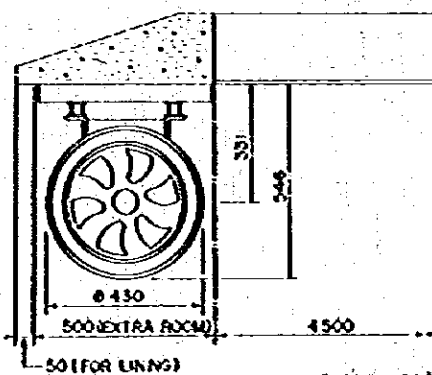
**SPECIFICATION OF BOOSTER FAN**  
 POWER 1500 W  
 VOLUME FLOW 0-75 m<sup>3</sup>/min  
 FAN PRESSURE 83-0 mm Aq



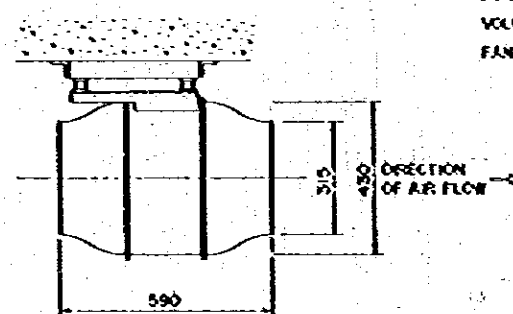
**MARKING DIAGRAM**



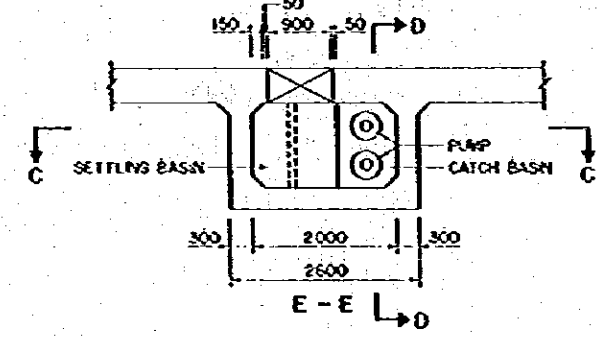
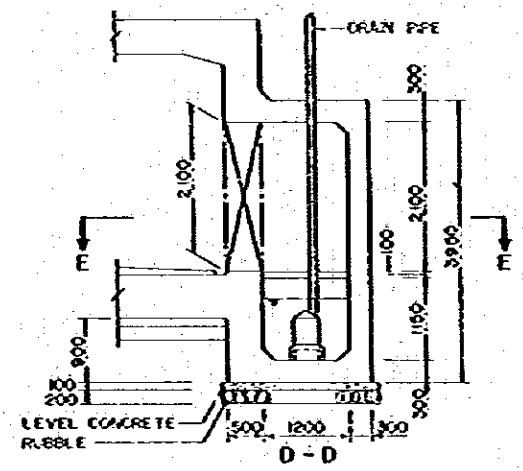
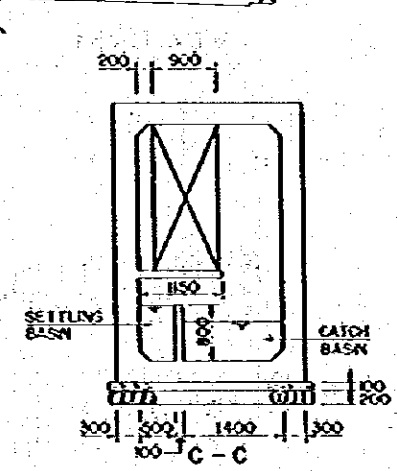
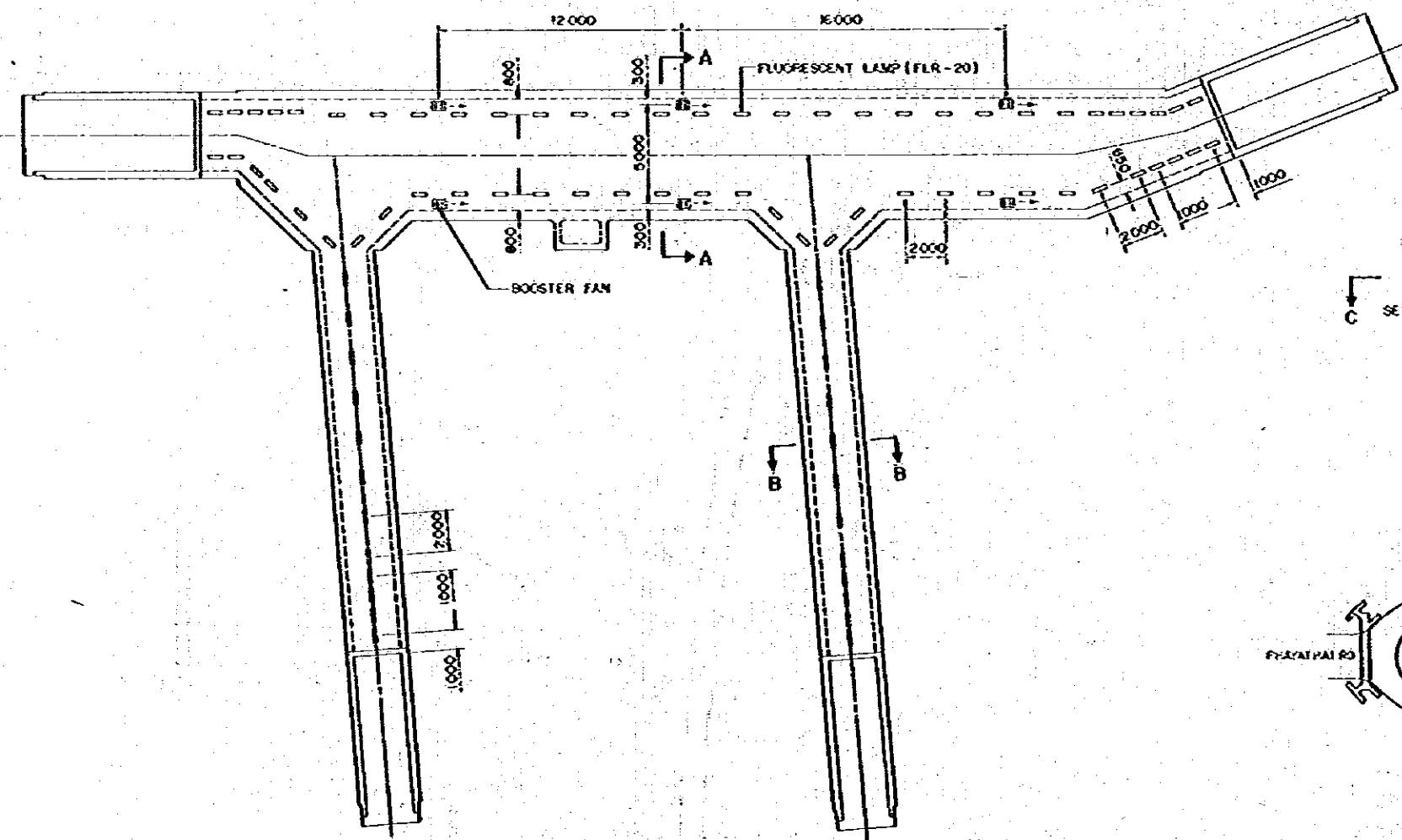
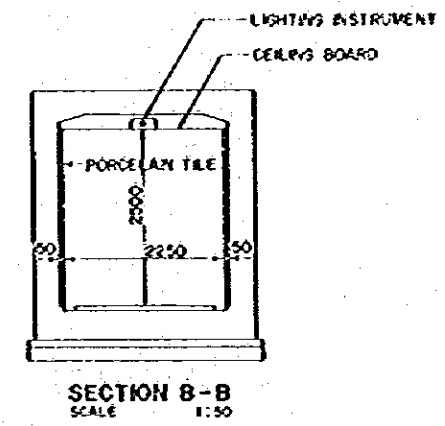
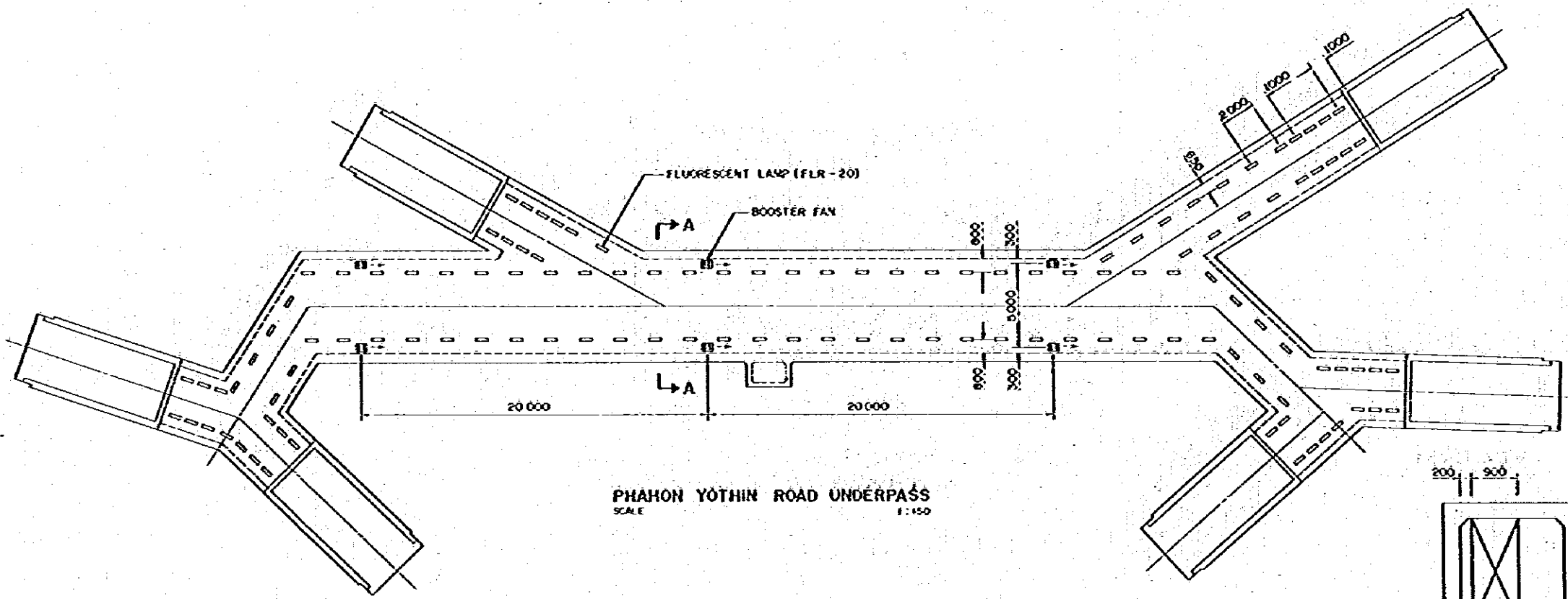
SCALE



**DIMENSION OF BOOSTER FAN**  
SCALE 1:50



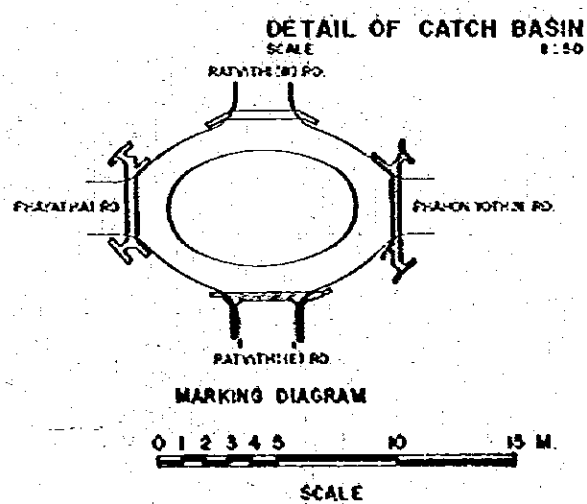
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE	SEPARATE UNDERPASS	Draw NO
1:100	ARRANGEMENT OF FACILITIES (I)	U-14
1:50	RATVITHI ROAD (WEST) UNDERPASS	
1:50	PHAYATHAI ROAD UNDERPASS	



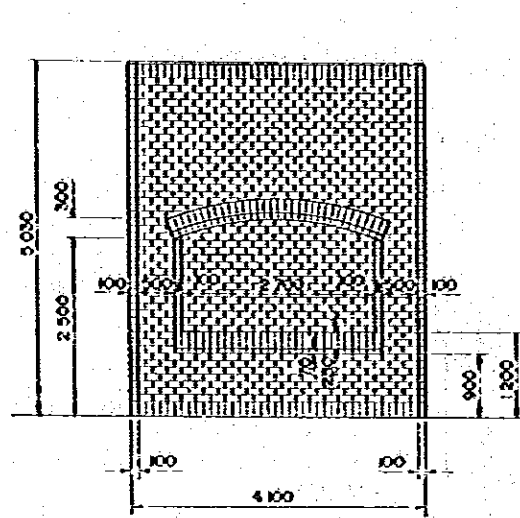
**SPECIFICATION OF PUMP**  
POWER 500 W.  
HEAD 6.5 M.  
CAPACITY 0.15 m<sup>3</sup>/min

**LEGEND**  
□ FLUORESCENT LAMP  
ED BOOSTER FAN

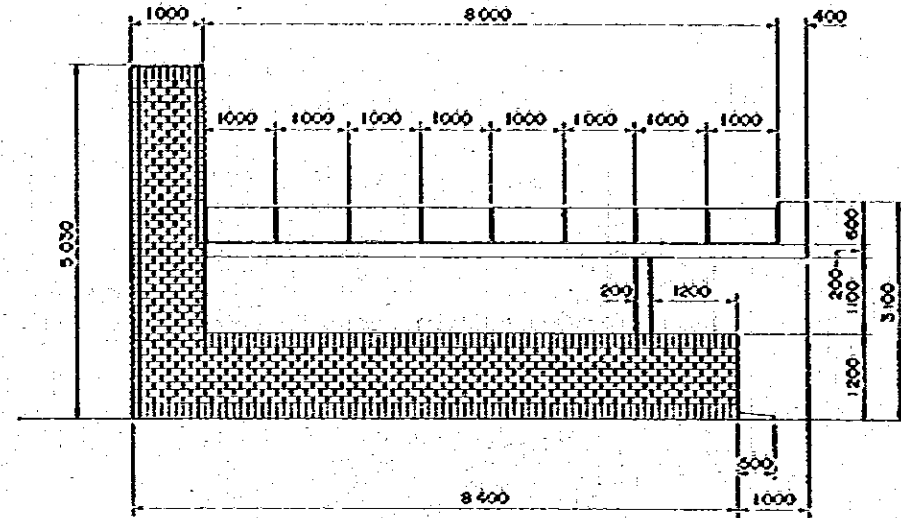
**NOTE**  
ALL DIMENSIONS ARE IN MILLIMETER.



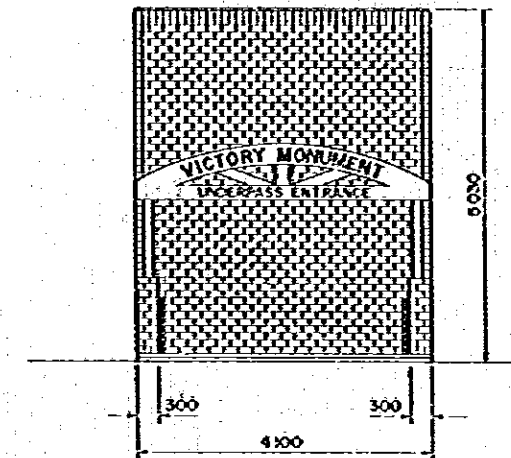
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:150	SEPARATE UNDERPASS ARRANGEMENT OF FACILITIES (2)	092 10
SCALE 1:50	PHAHON YOTHIN ROAD UNDERPASS RATVITHI ROAD (EAST) UNDERPASS	U-8



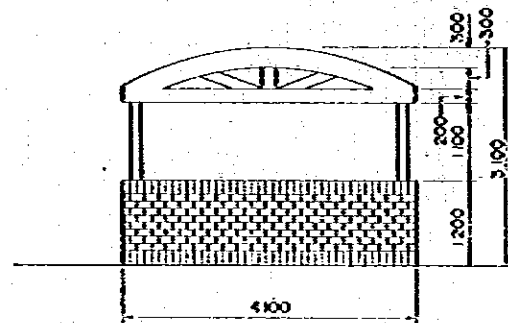
REAR VIEW



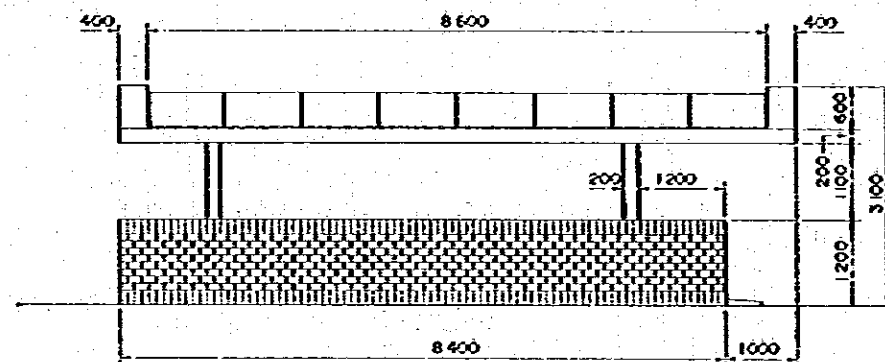
SIDE VIEW  
ENTRANCE - A  
SCALE 1:50



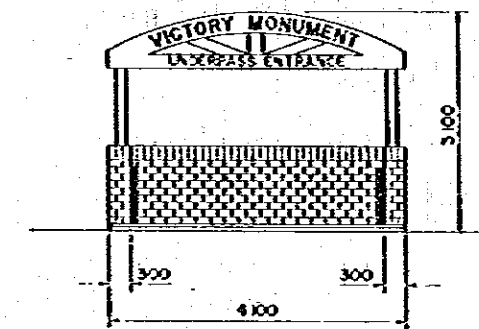
FRONT VIEW



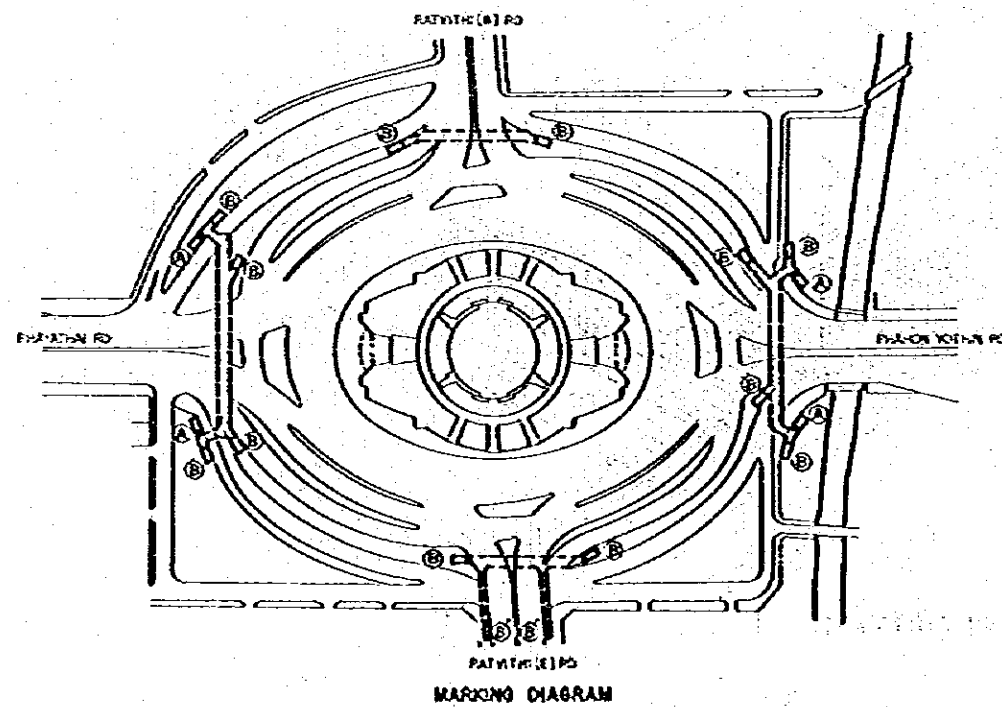
REAR VIEW



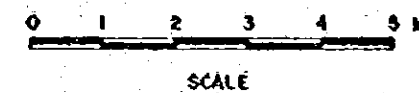
SIDE VIEW  
ENTRANCE - B  
SCALE 1:50



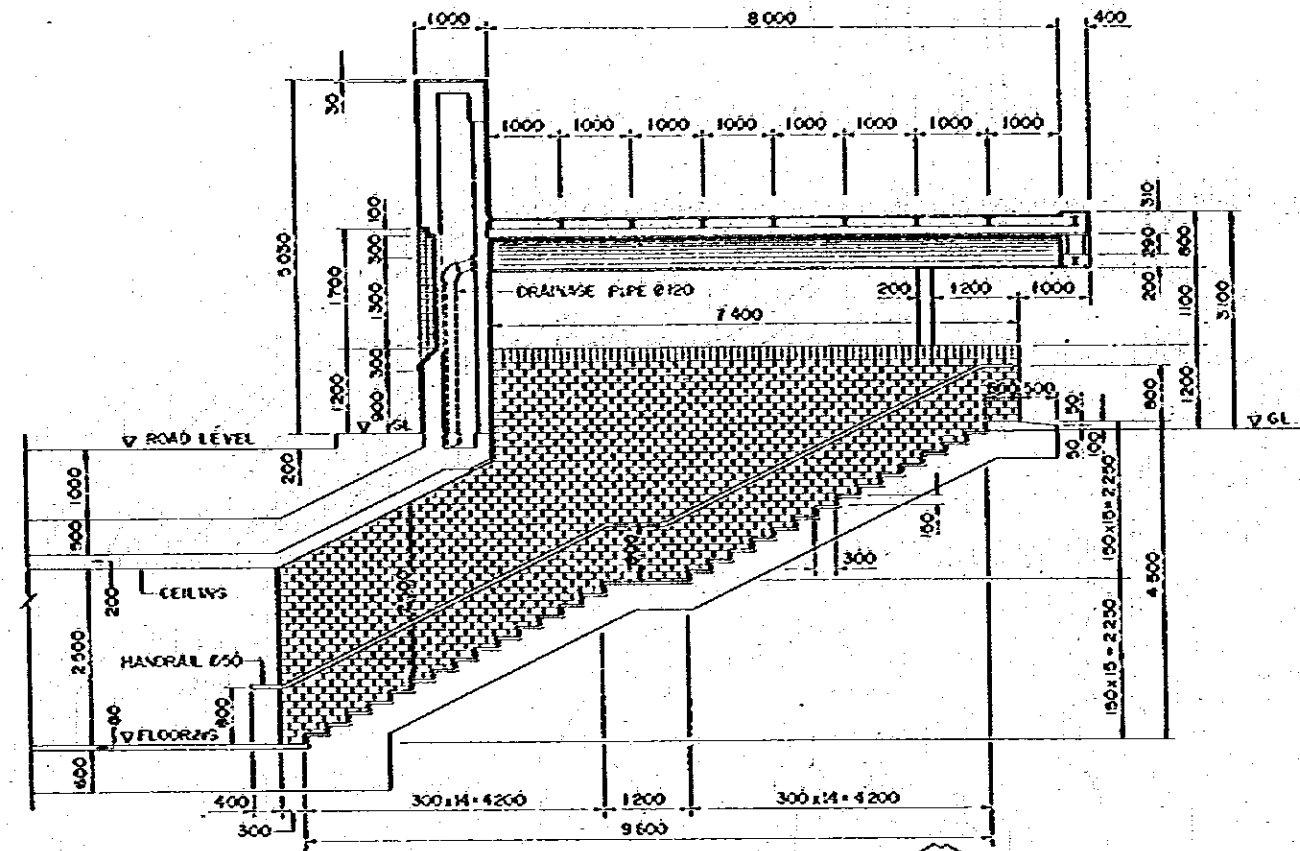
FRONT VIEW



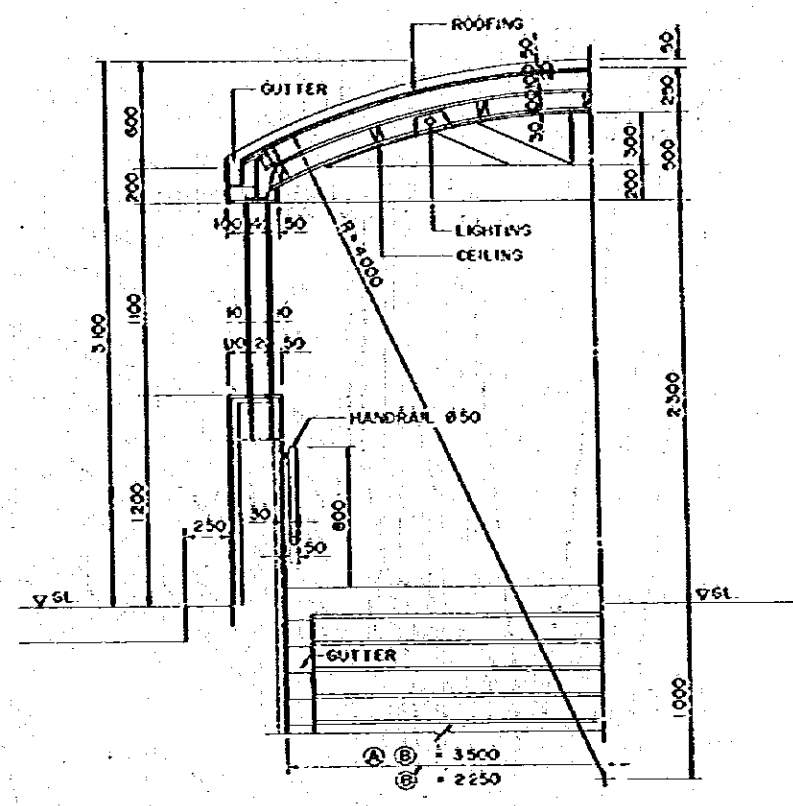
**NOTE**  
1. ALL DIMENSIONS ARE IN MILLIMETER.



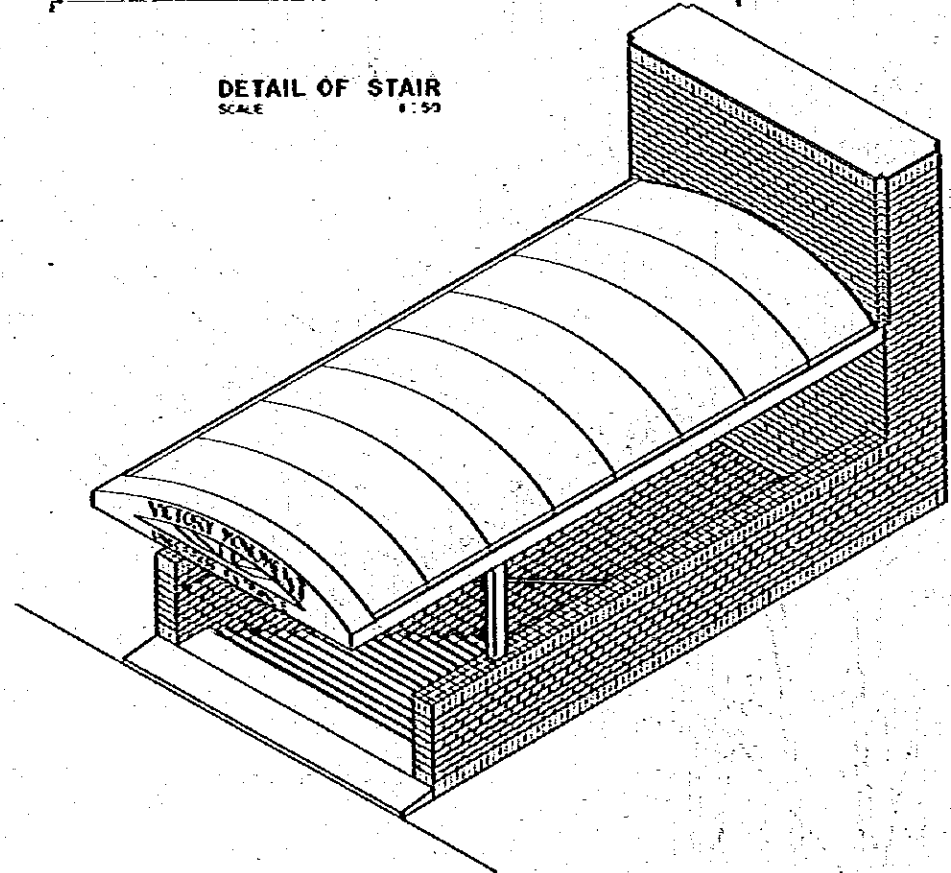
TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:50	SEPARATE UNDERPASS DESIGN OF ENTRANCE (II) EXTERIOR VIEW	DWG NO U-16



**DETAIL OF STAIR**  
SCALE 1:50

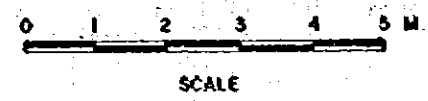


**SECTION DETAIL**  
SCALE 1:20



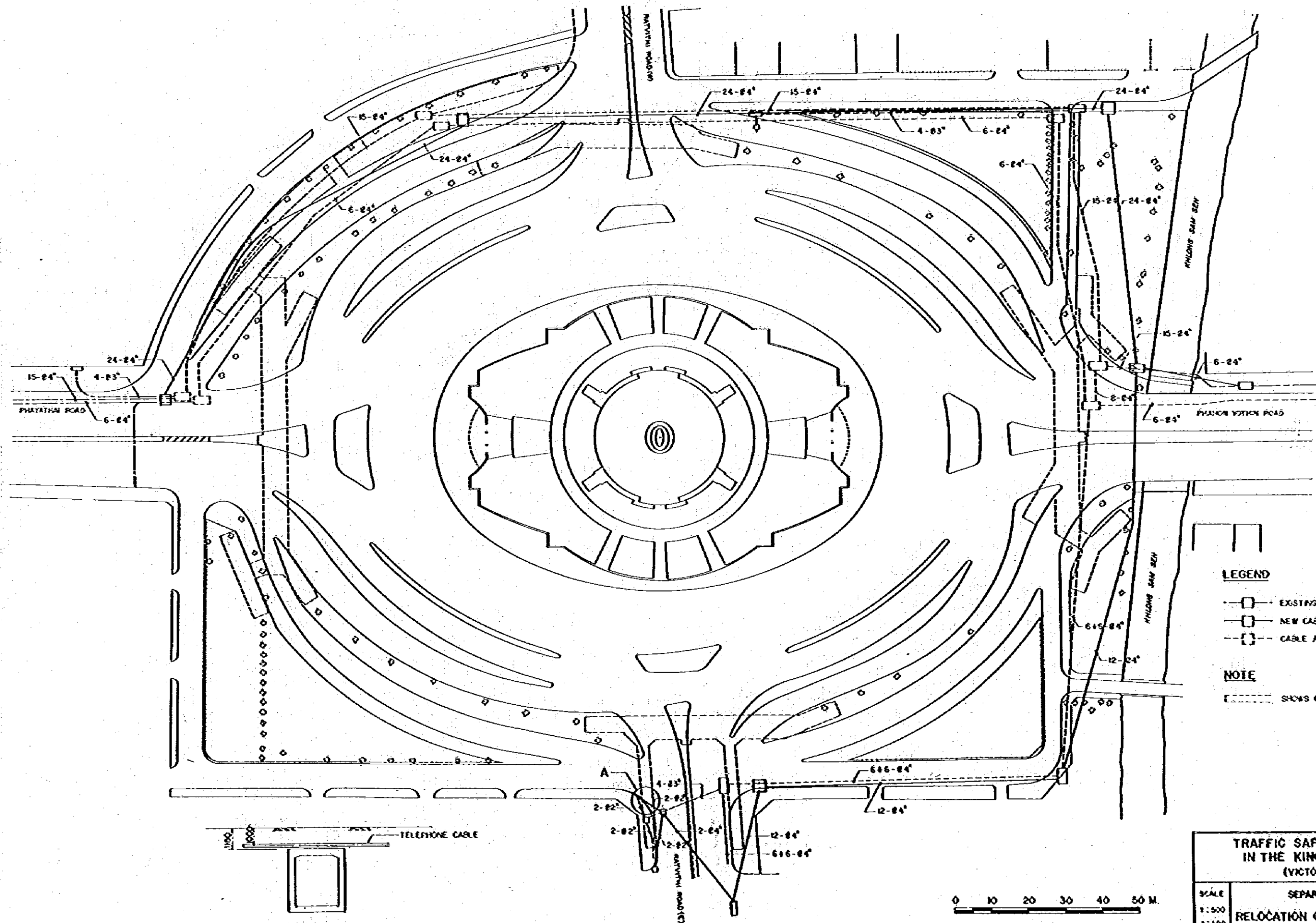
**ISOMETRIC PERSPECTIVE**

**NOTE**  
1. ALL DIMENSIONS ARE IN MILLIMETER.



TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)		
SCALE 1:50 1:80	SEPARATE UNDERPASS DESIGN OF ENTRANCE (2) DETAIL OF STAIR	DWG NO U-17





**LEGEND**

- EXISTING CABLE AND MANHOLE.
- NEW CABLE AND MANHOLE.
- - - □ - - - CABLE AND MANHOLE SHOULD BE OUT OF USE

**NOTE**

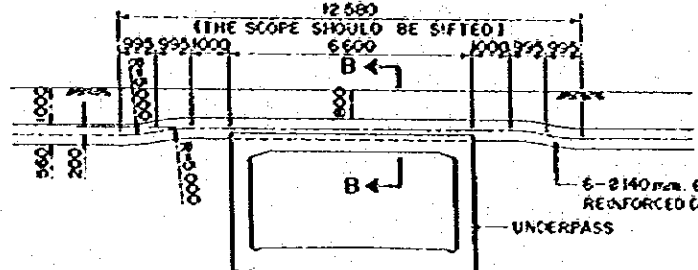
- - - - - SHOWS CONFIGURATIONS OF UNDERPASS

**TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)**

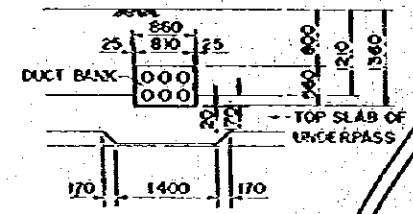
SCALE 1:500 1:100	SEPARATE UNDERPASS RELOCATION OF TELEPHONE CABLE PLAN	CWS NO U-18
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DETAIL A  
SCALE 1:100

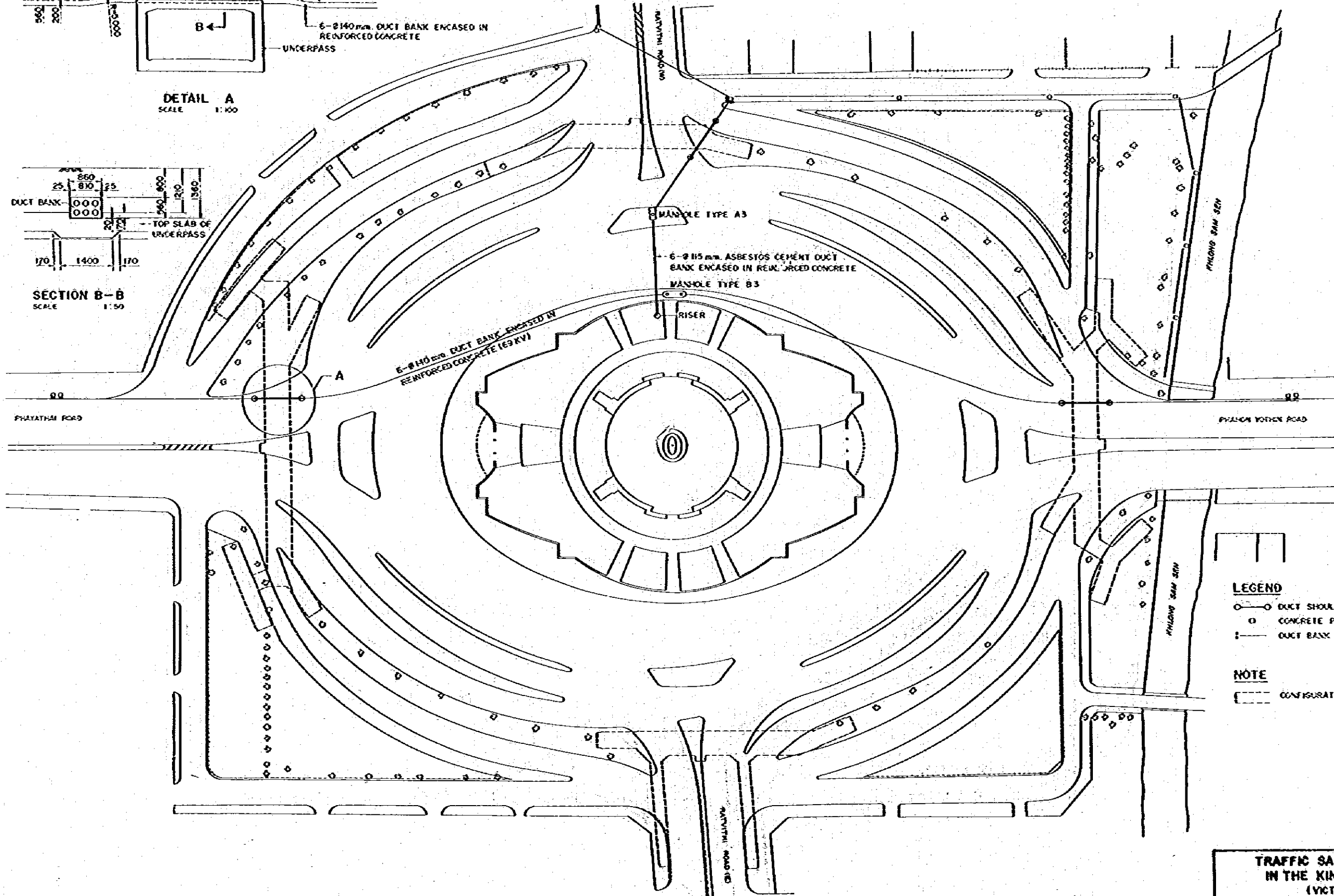
0 10 20 30 40 50 M.  
SCALE



DETAIL A  
SCALE 1:100



SECTION B-B  
SCALE 1:50

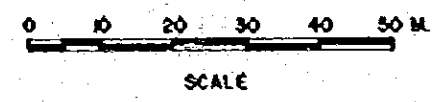


**LEGEND**

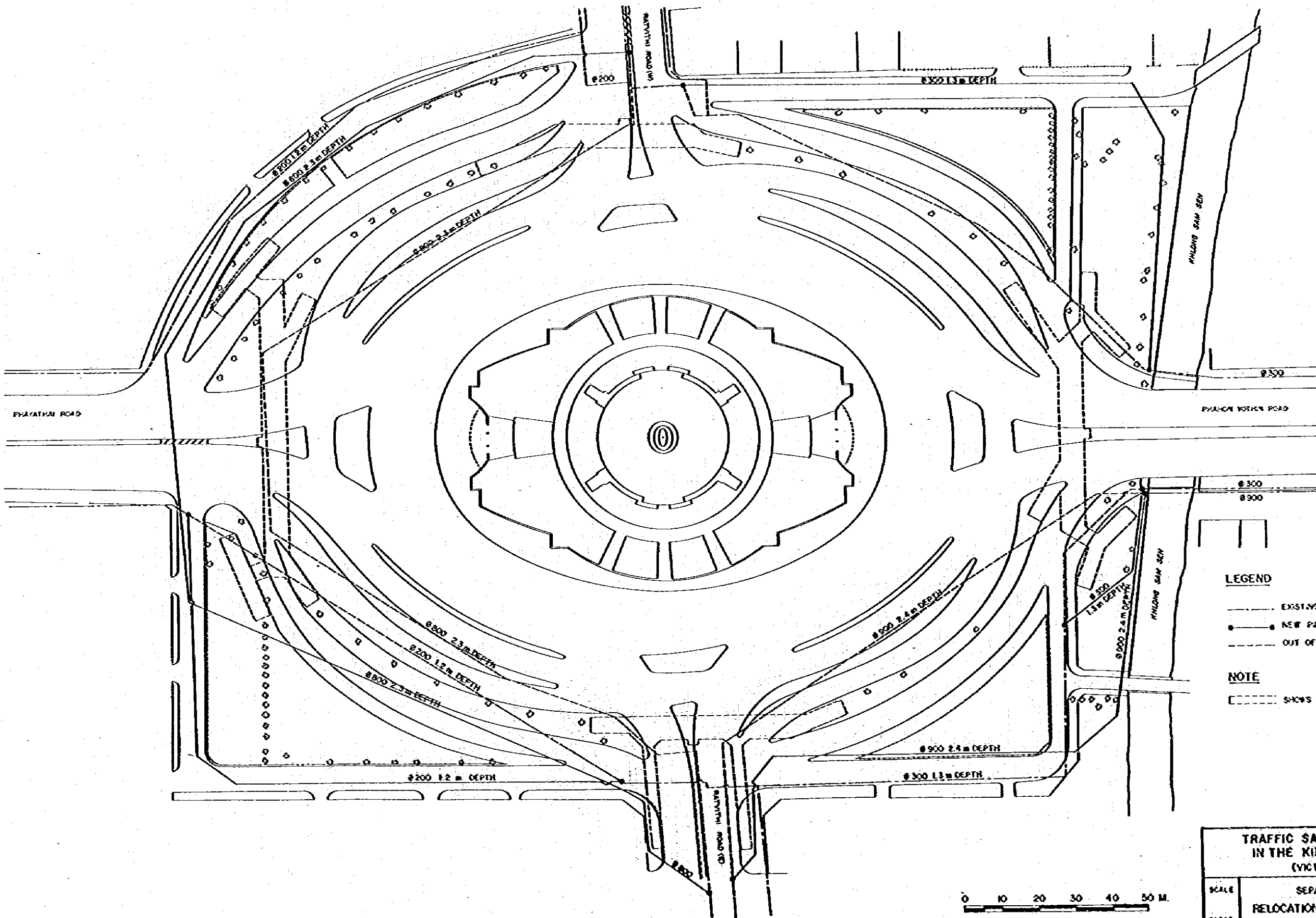
- DUCT SHOULD BE SIFTED
- CONCRETE POLE
- DUCT BANK TO RISER POLE

**NOTE**

- CONFIGURATIONS OF UNDERPASS



<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:500	SEPARATE UNDERPASS RELOCATION OF ELECTRIC CABLE PLAN	DWG NO. U-19

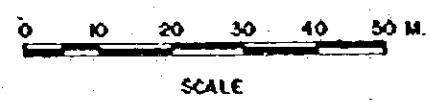


**LEGEND**

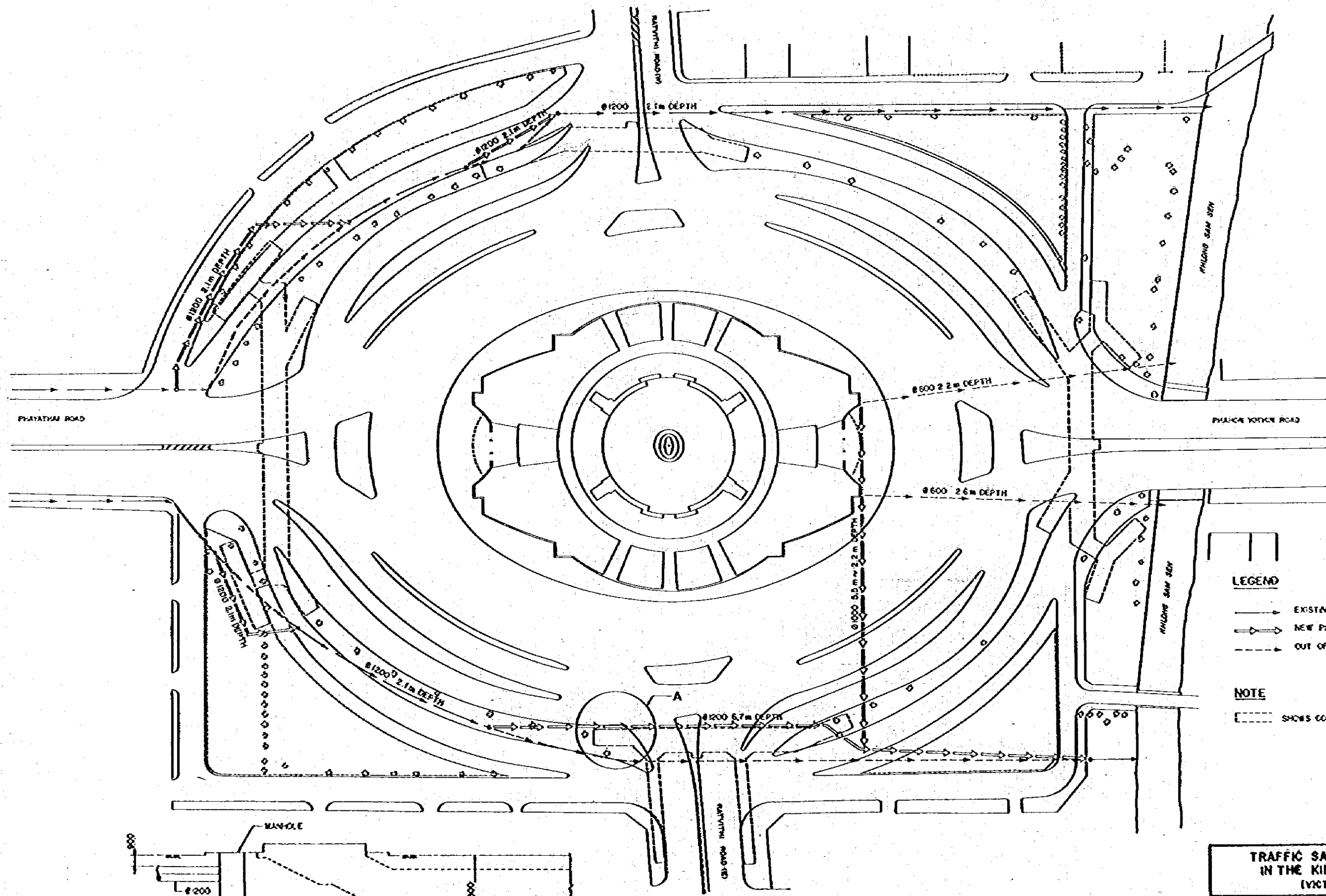
- EXISTING PIPE
- NEW PIPE
- - - OUT OF USE PIPE

**NOTE**

[---] SHOWS CONFIGURATIONS OF UNDERPASS



<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE	SEPARATE UNDERPASS	DWS NO
1:500	RELOCATION OF WATER MAIN PIPE PLAN	U-20

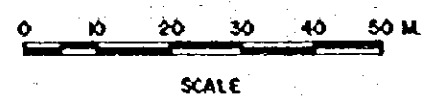
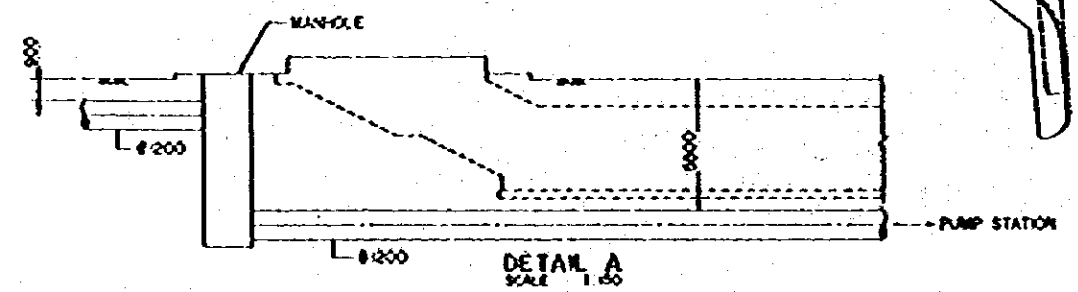


**LEGEND**

- EXISTING PIPE
- - - - -> NEW PIPE
- · · · ·> OUT OF USE PIPE

**NOTE**

- - - - - SHOWS CONFIGURATIONS OF UNDERPASS



<b>TRAFFIC SAFETY PLAN FOR ROAD IN THE KINGDOM OF THAILAND (VICTORY MONUMENT)</b>		
SCALE 1:500 1:150	SEPARATE UNDERPASS RELOCATION OF DRAINAGE PIPE PLAN	DWS NO U-21

JICA