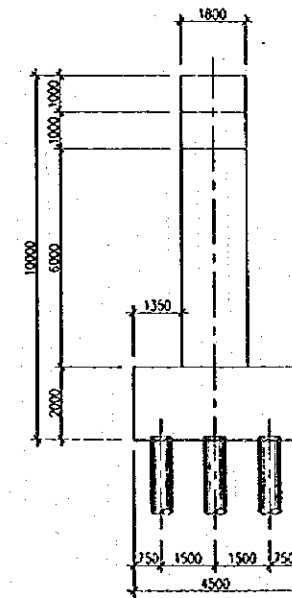
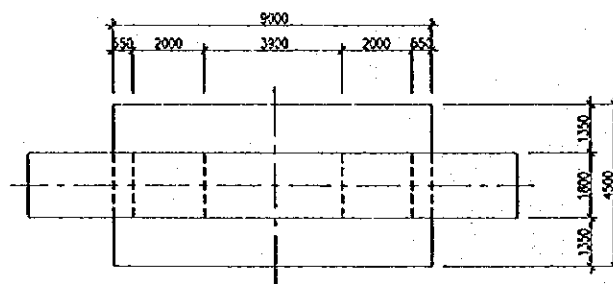


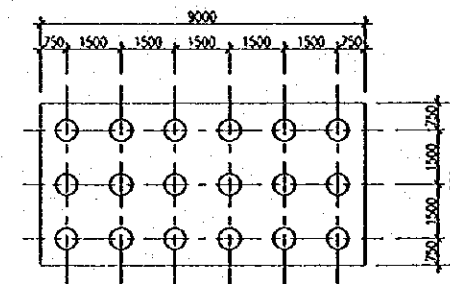
FRONT ELEVATION
SCALE 1 : 100



SIDE ELEVATION
SCALE 1 : 100

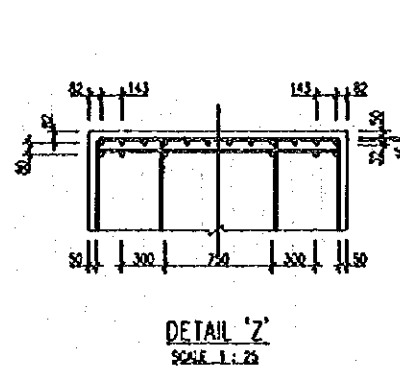
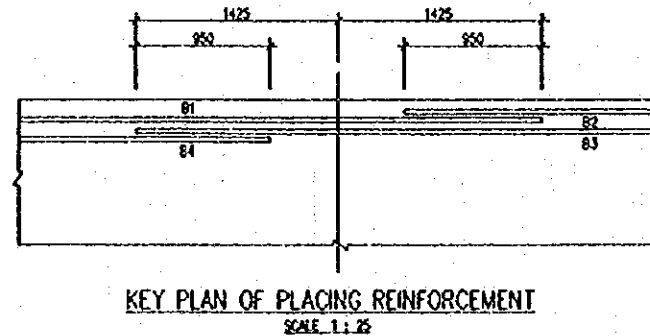
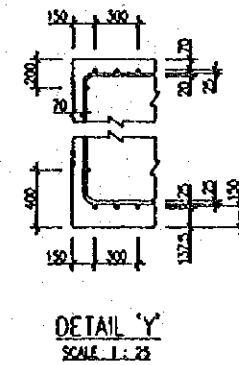
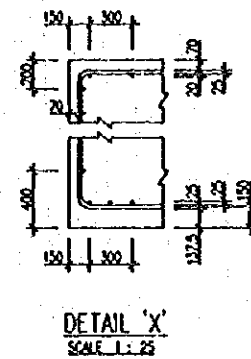
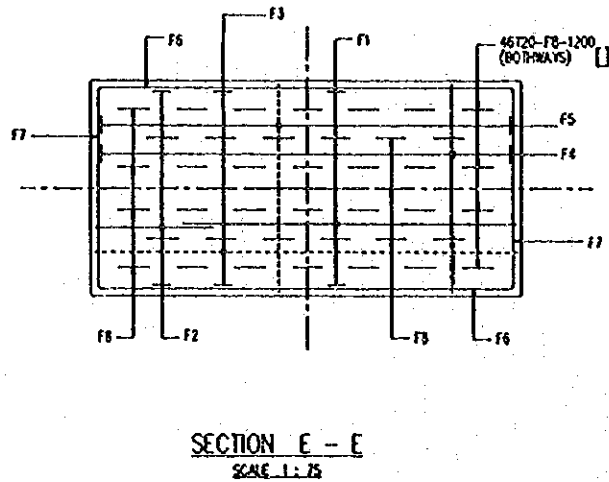
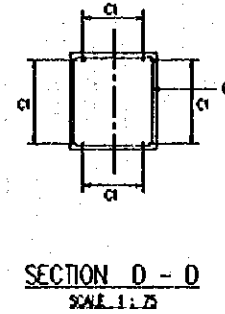
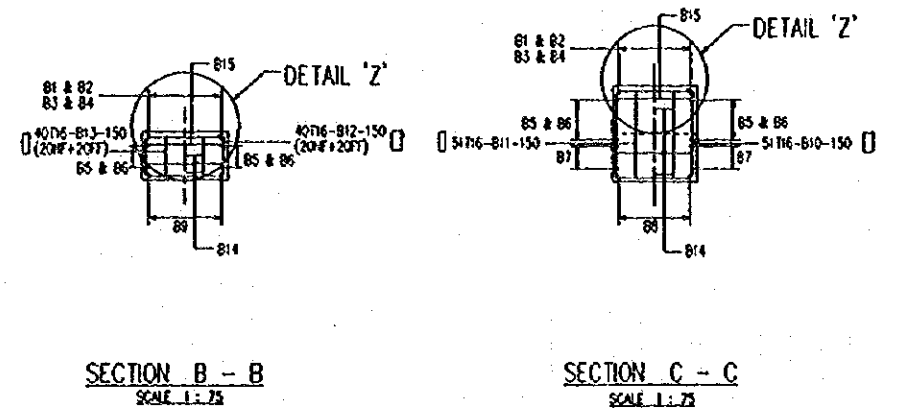
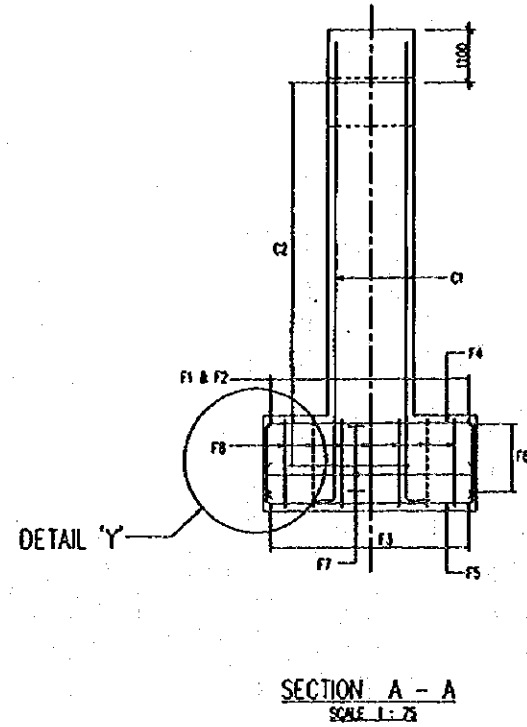
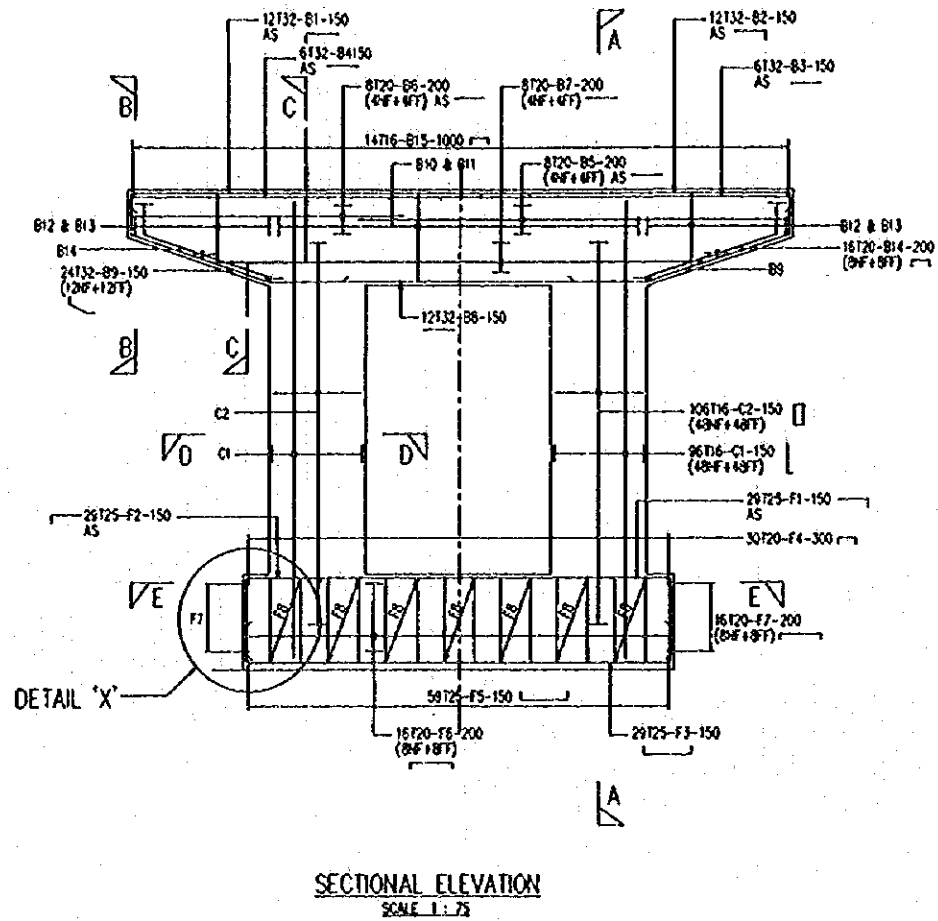


PLAN
SCALE 1 : 100



PILE ARRANGEMENT
SCALE 1 : 100

Terbit	Buliran	Rujukan		UNIT JAMBATAN	PENCARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
				DIREKASENTUK		
				DILUAS:	DISEMAK:	JURUTERA PENJAJA KANAN
				DILUKSIKAN: PENOLONG PENCARAH (JI)		PENOLONG PENCARAH KANAN (J)
	PINDAAN		UKURAN		TARIKH	MULTIPLE COLUMN - GENERAL VIEW BIL. LUKSIAN



LEGEND:

14 T 32-B1-125

SPACING OF BAR

BAR MARK

B = BEAM

C = COLUMN

F = FOOTING

SIZE OF BAR

TYPE OF BAR

T = HIGH YIELD

R = MILD STEEL

NO. OF BAR

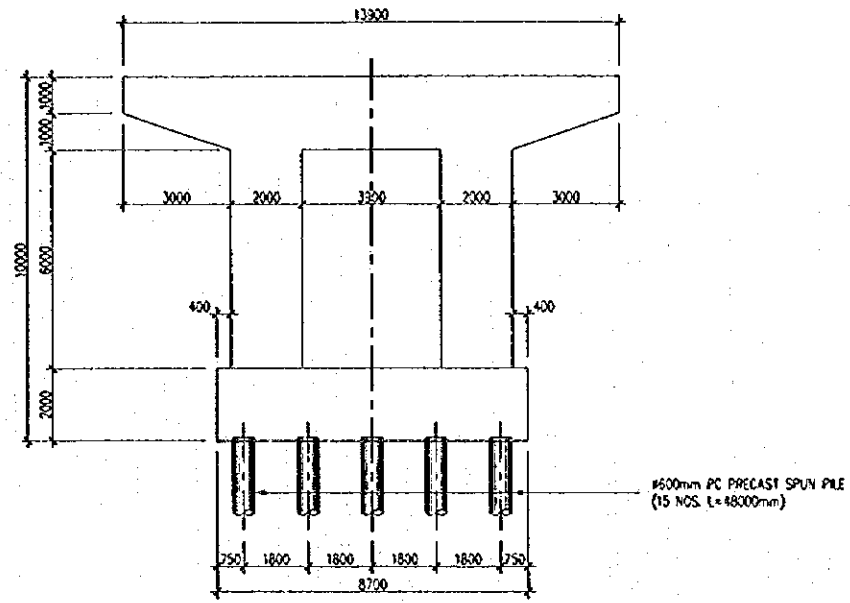
AS = ALTERNATELY STAGGERED

LV = LENGTH VARIES

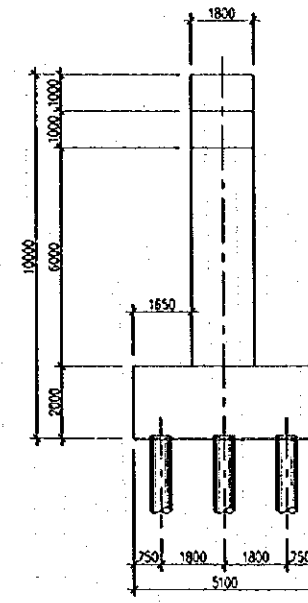
NF = NEAR FACE

FF = FAR FACE

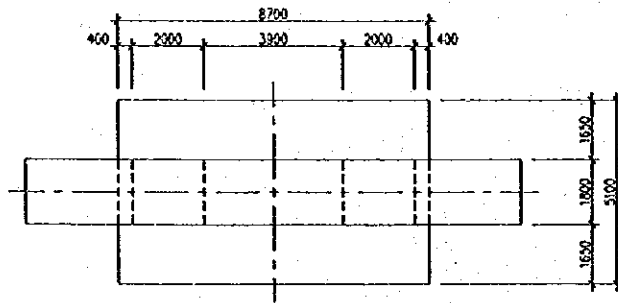
Tork	Bulunan	Rujukan	UNIT JAMBATAN		PEKERJAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKSI/STUK	DISEKAR:		
PINDAAN	URAPAN	URAPAN	OKULUSKAN: PELOHONG PENGARAH (A)		PENLOHONG PENGARAH KAWAN (J)	MULTIPLE COLUMN - REINFORCEMENT
			TAPAK	REKODAN		



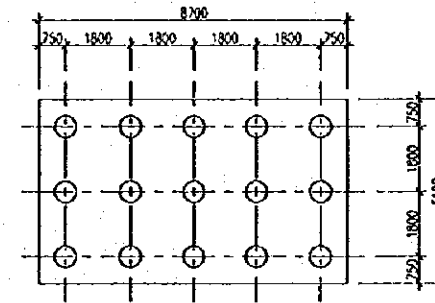
FRONT ELEVATION
SCALE 1 : 100




SIDE ELEVATION
SCALE 1 : 100



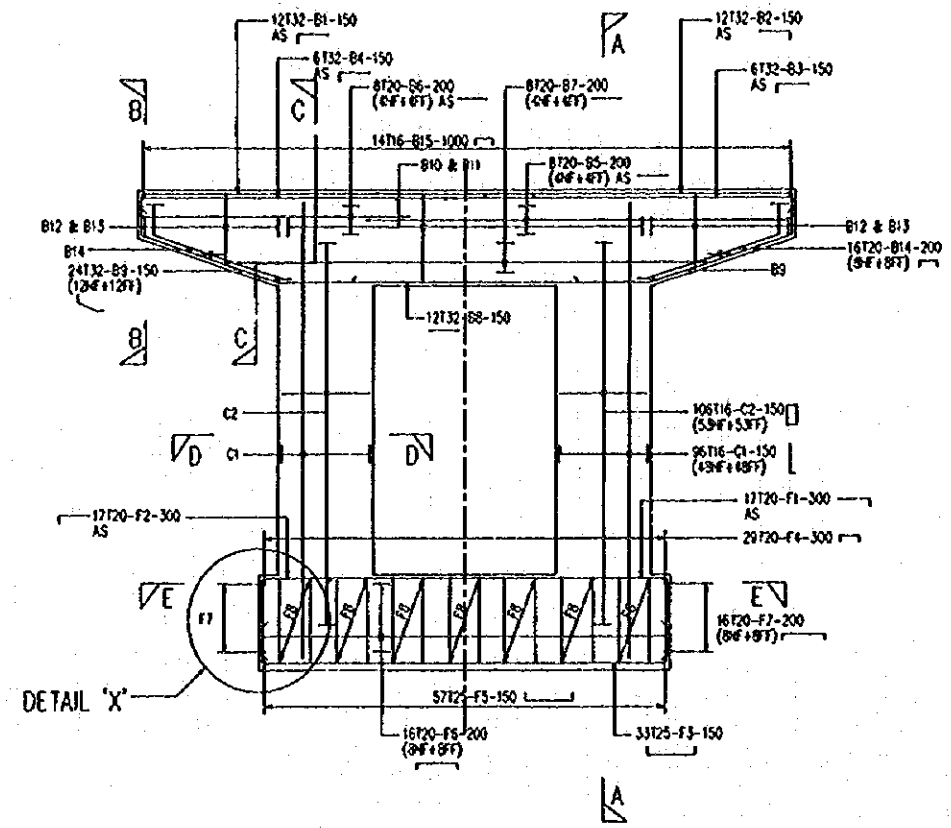
PLAN
SCALE 1 : 100



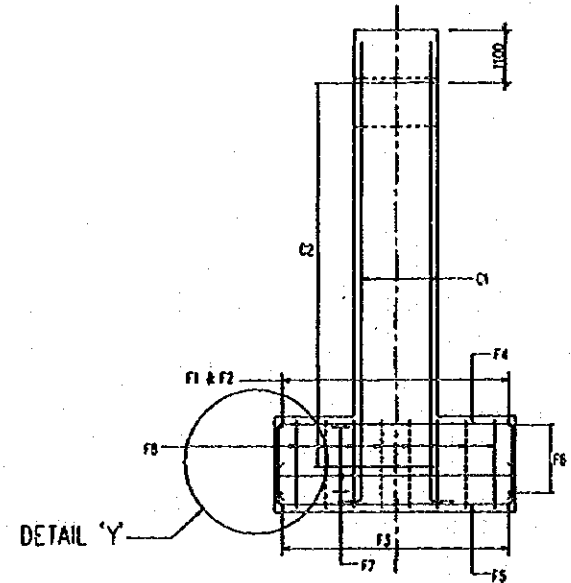
PILE ARRANGEMENT
SCALE 1 : 100

Tarikh	Butiran	Rejahan	UNIT JAMBATAN	PENGARAH JALAN	 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKABENTUK:	JURUTERA PENYUASA KANAN	
			DIUKUS:	PENOLONG PENGARAH KANAN (A)	MULTIPLE COLUMN - GENERAL VIEW TARIKH: BIL. UKURAN:
			DIUKUSKAN: PENOLONG PENGARAH (A)		
	PINDAAN		UKURAN		

[600 PILE: WKS 8-10] REF. 03

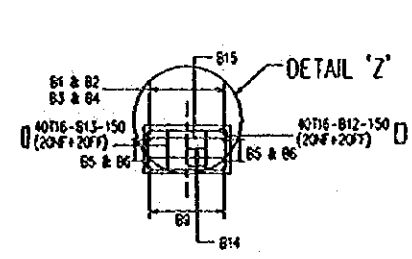


SECTIONAL ELEVATION
SCALE 1:25

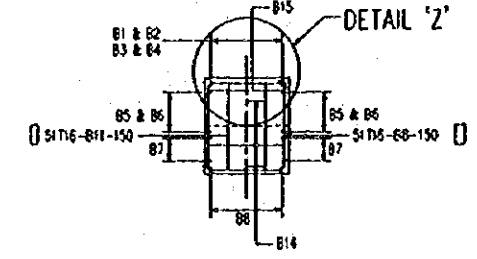


DETAIL 'Y'

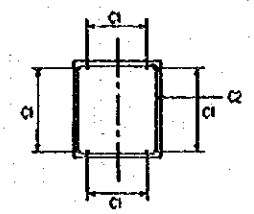
SECTION A - A
SCALE 1:25



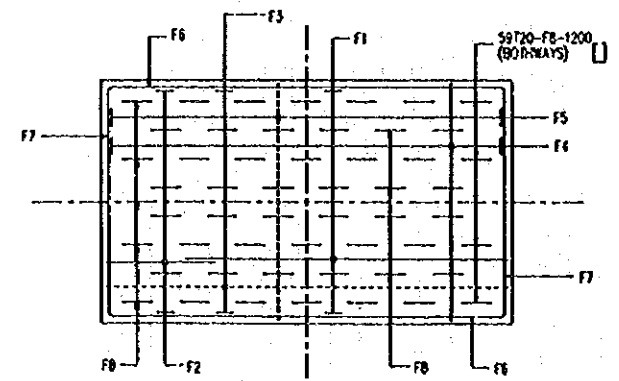
SECTION B - B
SCALE 1:25



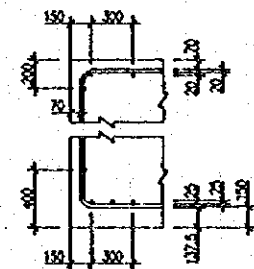
SECTION C - C
SCALE 1:25



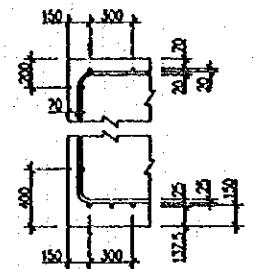
SECTION D - D
SCALE 1:25



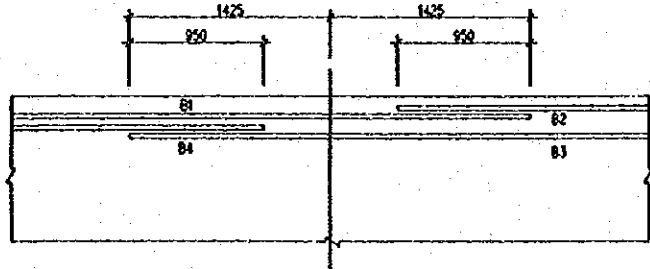
SECTION E - E
SCALE 1:25



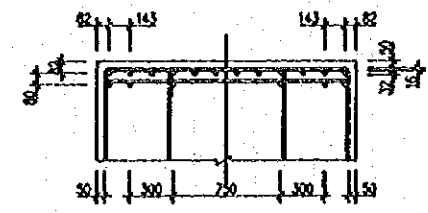
DETAIL 'X'
SCALE 1:25



DETAIL 'Y'
SCALE 1:25



KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

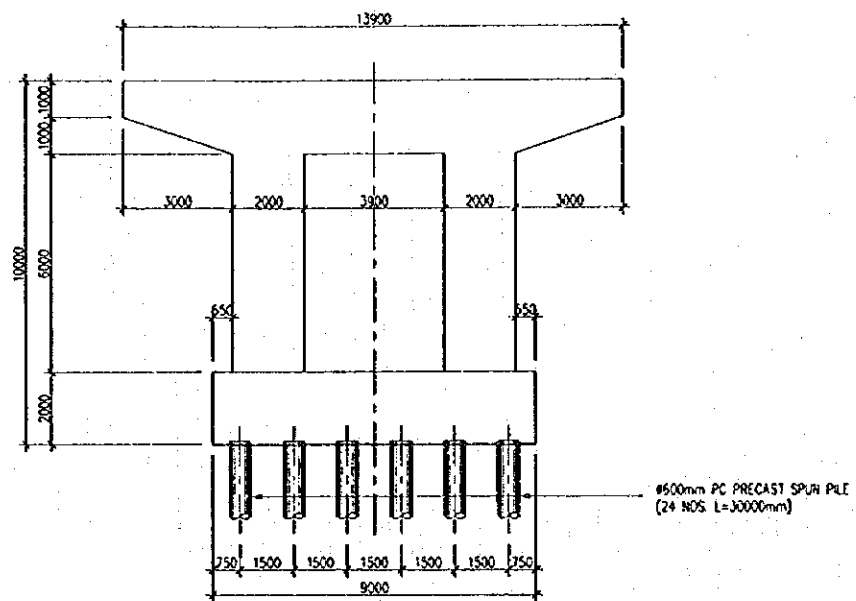


DETAIL 'Z'
SCALE 1:25

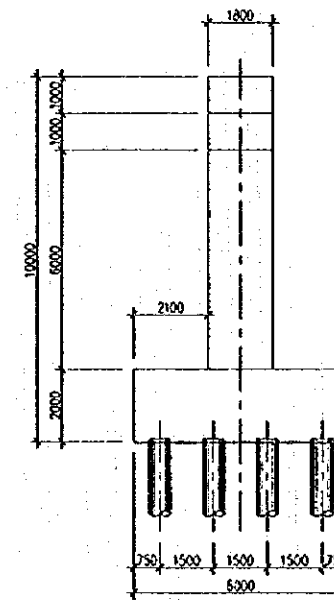
LEGEND:
 14 T 32-B1-125
 SPACING OF BAR
 BAR MARK
 B = BEAM
 C = COLUMN
 F = FOOTING
 SIZE OF BAR
 TYPE OF BAR
 T = HOT ROLL
 A = MILD STEEL
 NO. OF BAR

AS = ALTERNATELY STAGGERED
 LV = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE

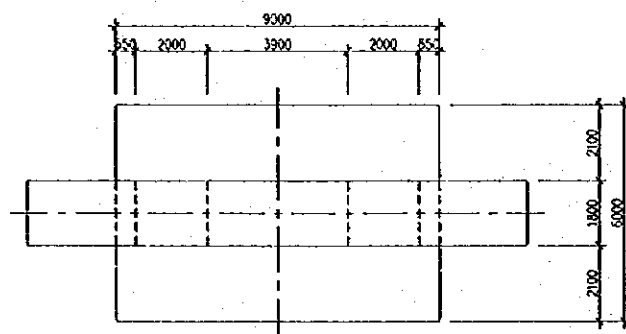
Tajuk	Bulatan	Rujukan	UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKSI/BUKAL:	JALAN PERUSAHAAN	MULTIPLE COLUMN - REINFORCEMENT
			DALUAS:		
			DOKUMEN:		
			DOKUMEN PERALIHAN PENGARAH (1)	PENGALIHAN PENGARAH KANAN (2)	TARUK:
					LOKASAR:



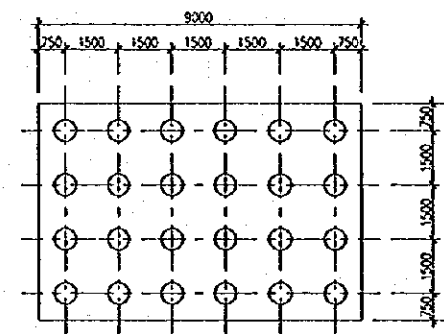
FRONT ELEVATION
SCALE 1:100



SIDE ELEVATION
SCALE 1:100

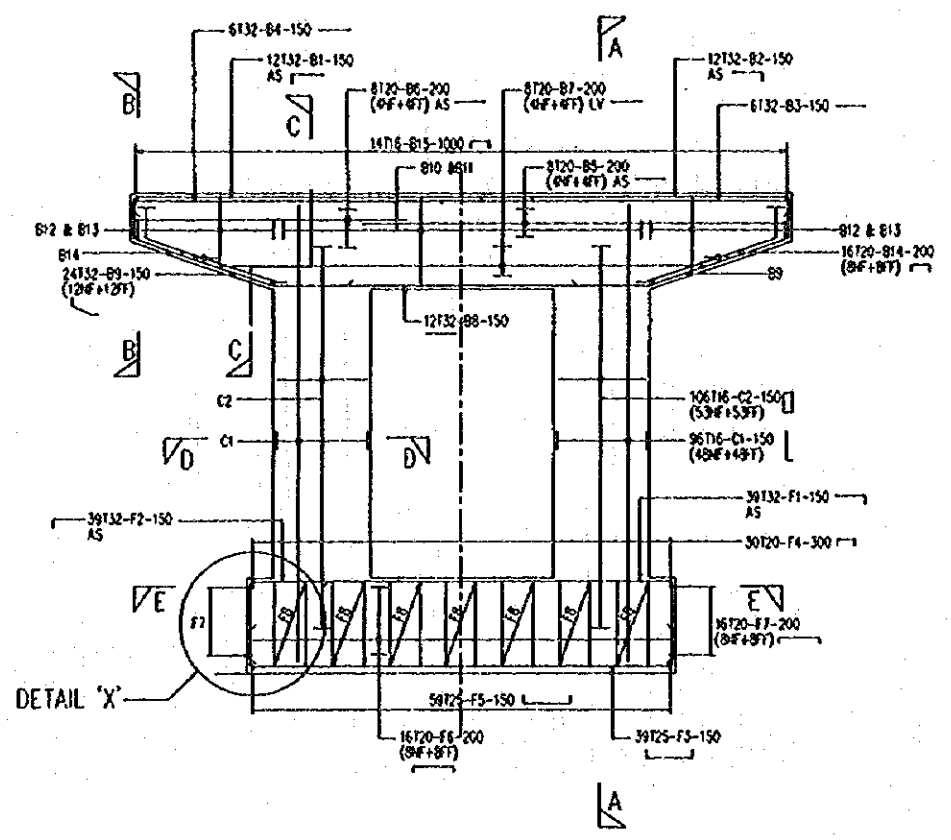


PLAN
SCALE 1:100

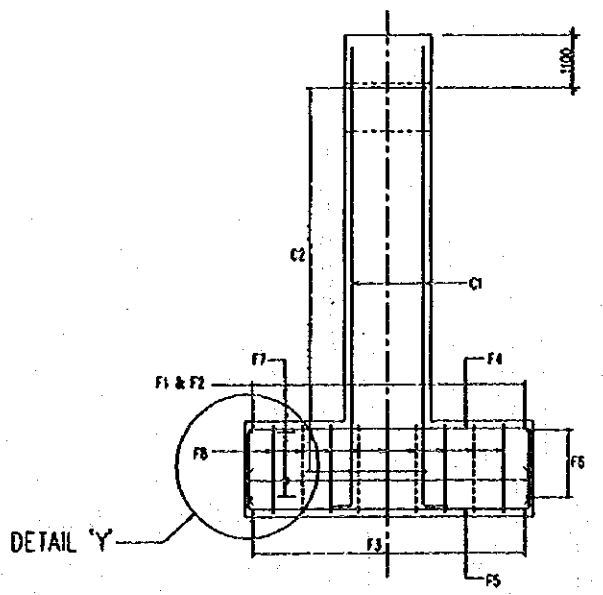


PILE ARRANGEMENT
SCALE 1:100

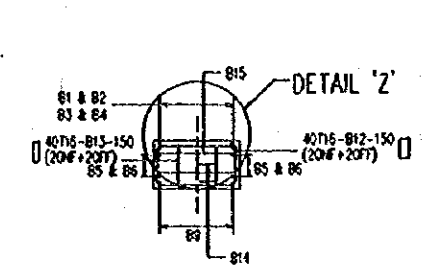
Topik	Betiran	Rajah		UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
				DIREKABENTUK		
				DILUKIS: [] DISEMAK: []	JURUTERA PENJAJA KANAN	
	PINDAAN		UKURAN	DILULUSKAN: PENOLONG PENGARAH (A)	PENOLONG PENGARAH KANAN (J)	MULTIPLE COLUMN - GENERAL VIEW
					TARIKH: []	BIL. LUKISAN: []



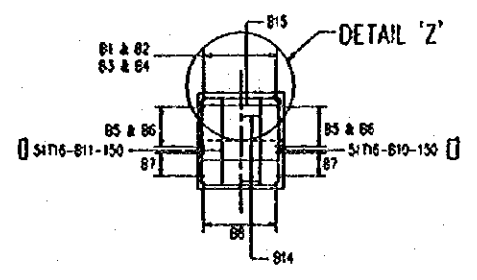
SECTIONAL ELEVATION
SCALE 1:25



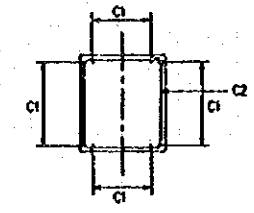
DETAIL 'Y'



SECTION B - B
SCALE 1:25

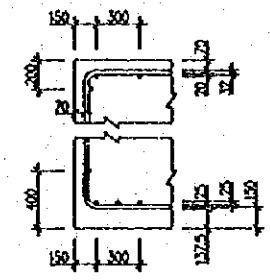


SECTION C - C
SCALE 1:25

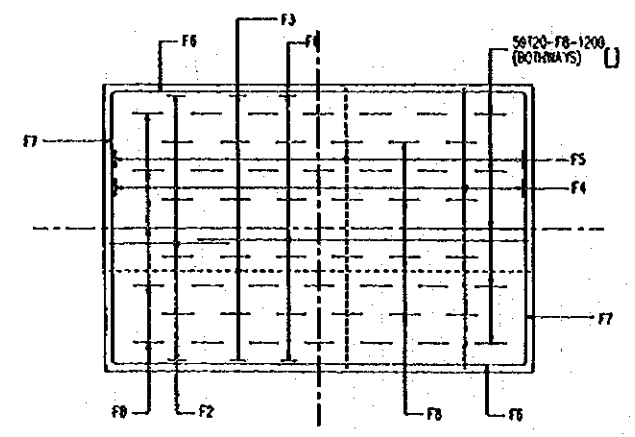


SECTION D - D
SCALE 1:25

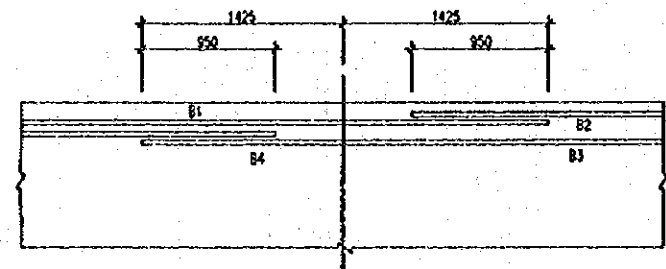
SECTION A - A
SCALE 1:25



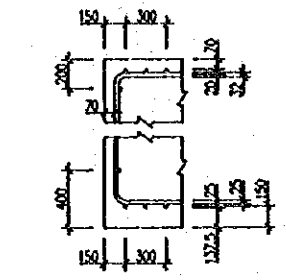
DETAIL 'X'
SCALE 1:25



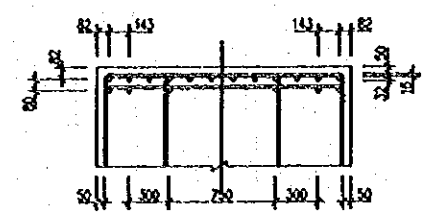
SECTION E - E
SCALE 1:25



KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25



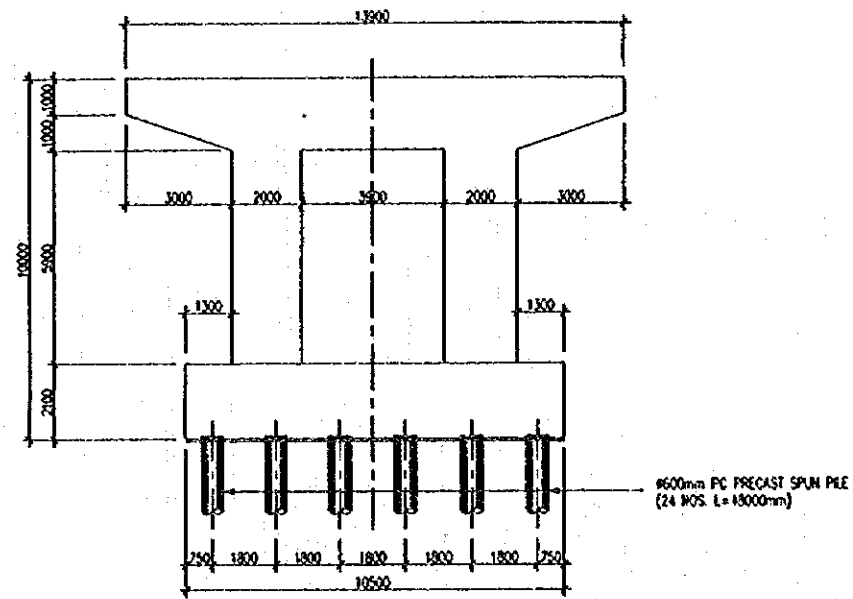
DETAIL 'Y'
SCALE 1:25



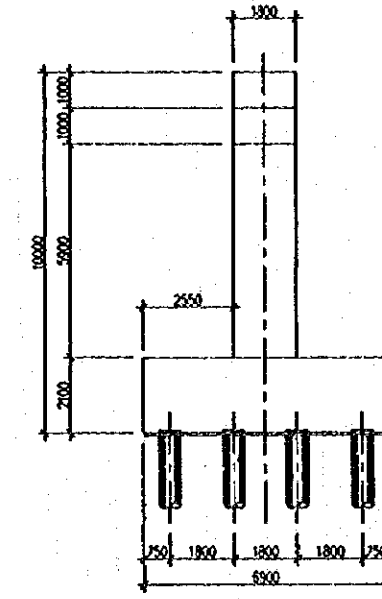
DETAIL 'Z'
SCALE 1:25

LEGEND:
 16 1 32-B1-125
 SPACING OF BAR
 BAR MARK
 B = BEAM
 C = COLUMN
 F = FOOTING
 SIZE OF BAR
 TYPE OF BAR
 H = HIGH YIELD
 M = MILD STEEL
 NO. OF BAR
 AS = ALTERNATELY STAGGERED
 LV = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE

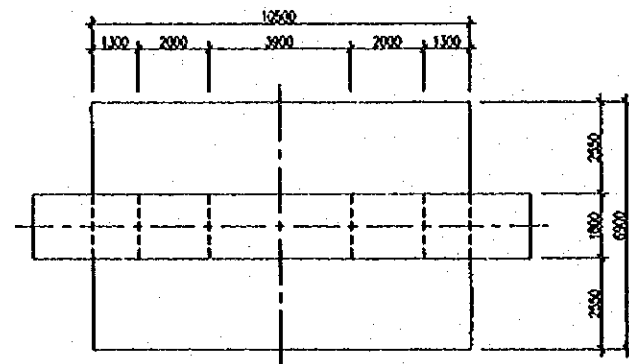
Teknik	Dibuat	Revisi	UNIT JAMBATAN		PENGARAH JALAN		 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKSI/BUK:		JURUTERA PENYAJA KAJIAN		
			DURUS:	DIGEMAK:			MULTIPLE COLUMN - REINFORCEMENT TARIKH:
			DILULUSKAN: PENOLONG PENGARAH (H)		PENOLONG PENGARAH KAJIAN (J)		
			UKURAN				BIL. LUNYAN:



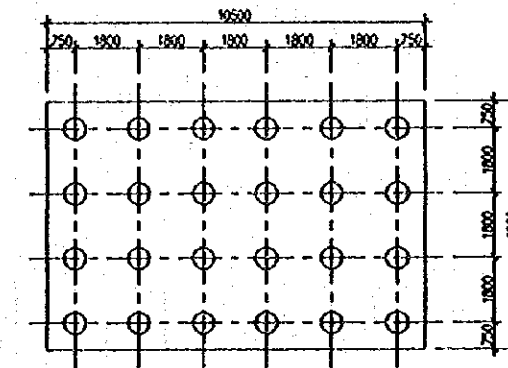
FRONT ELEVATION
SCALE 1:100



SIDE ELEVATION
SCALE 1:100



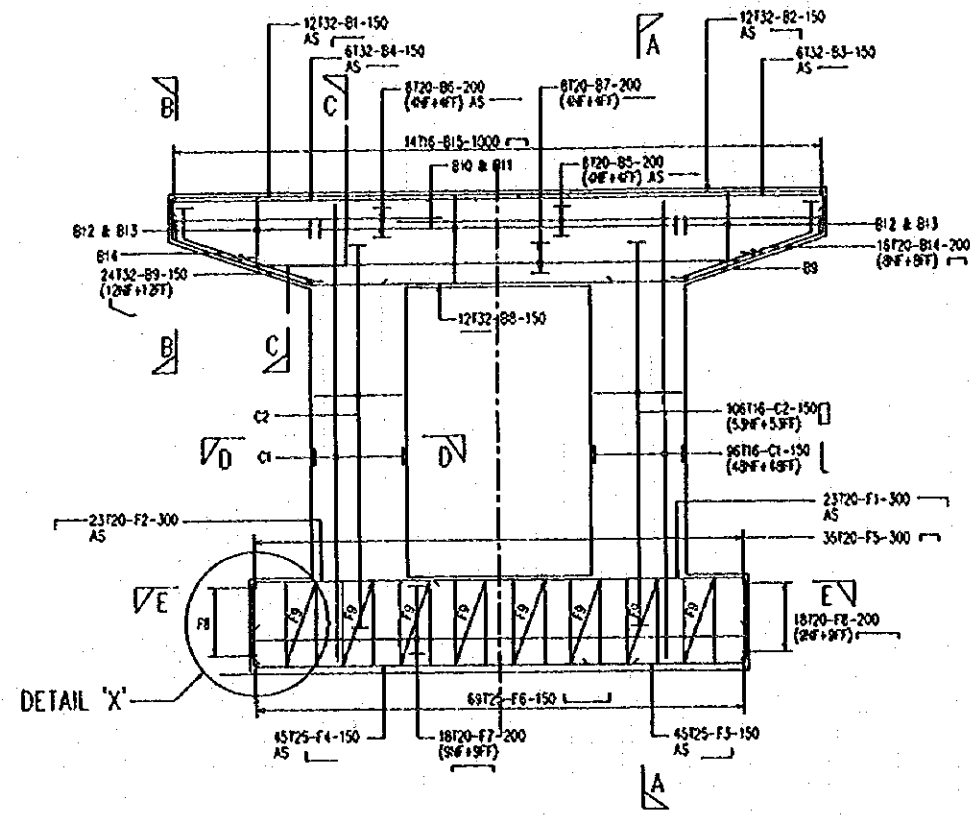
PLAN
SCALE 1:100



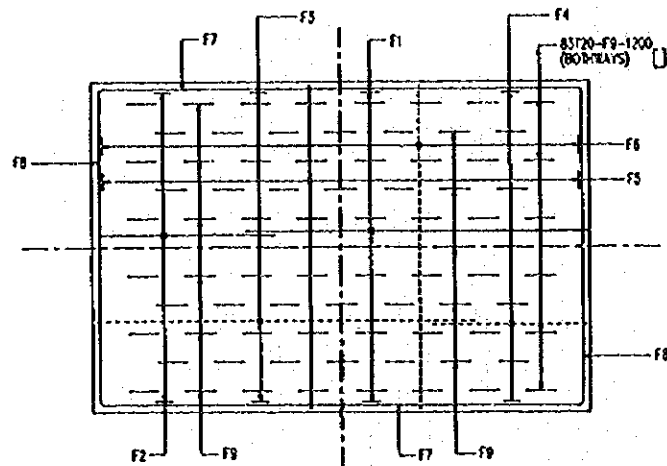
PILE ARRANGEMENT
SCALE 1:100

Tarik	Datran	Rujukan	UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKABENTUK:		
			DILUAS:	JURUTERA PENYUSAHA KAWAN	
			DILULUSKAN: PENOLONG PENGARAH (A)	PENOLONG PENGARAH KAWAN (A)	MULTIPLE COLUMN - GENERAL VIEW
					TARBIH LUKSAR

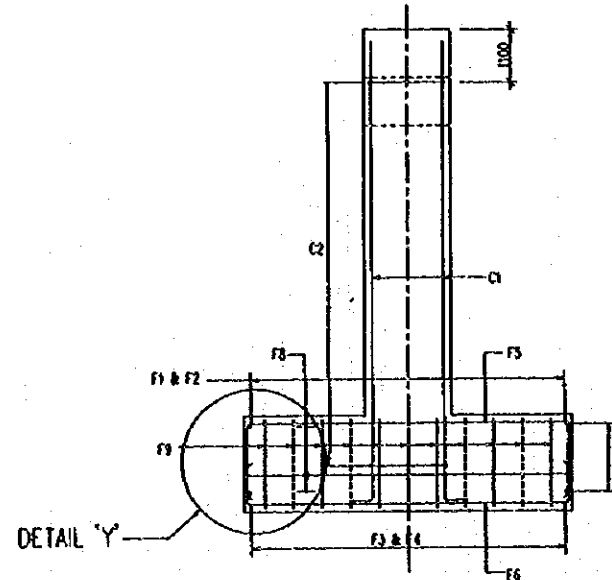
100 000 000001 001 01



SECTIONAL ELEVATION
SCALE 1:25

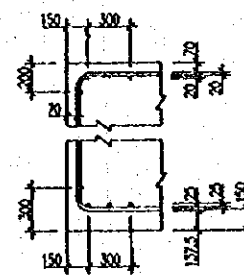


SECTION E - E
SCALE 1:25

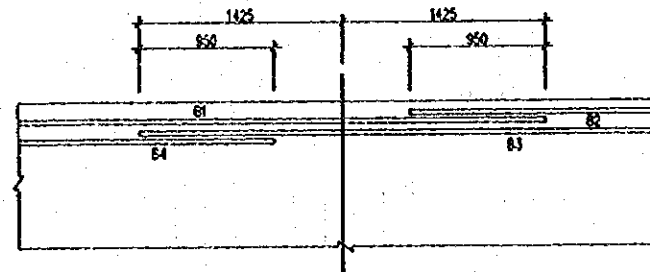


DETAIL 'Y'

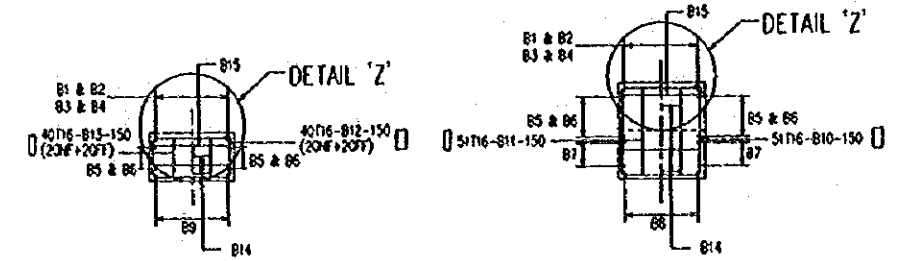
SECTION A - A
SCALE 1:25



DETAIL 'X'
SCALE 1:25

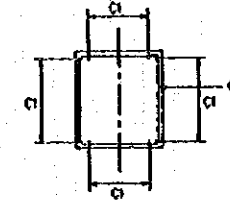


KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

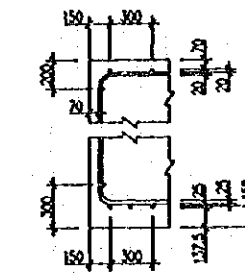


SECTION B - B
SCALE 1:25

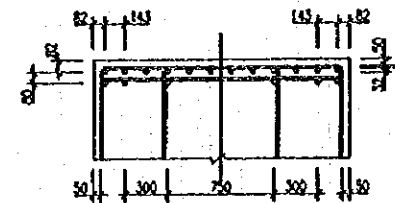
SECTION C - C
SCALE 1:25



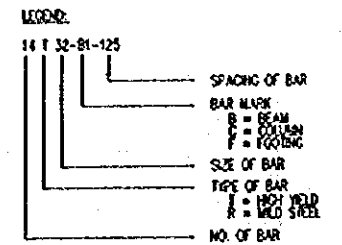
SECTION D - D
SCALE 1:25



DETAIL 'Y'
SCALE 1:25

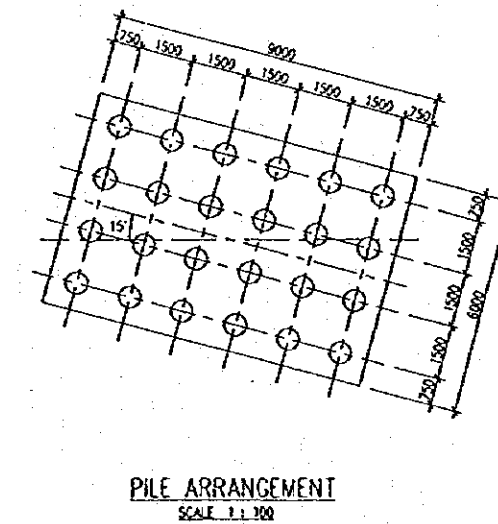
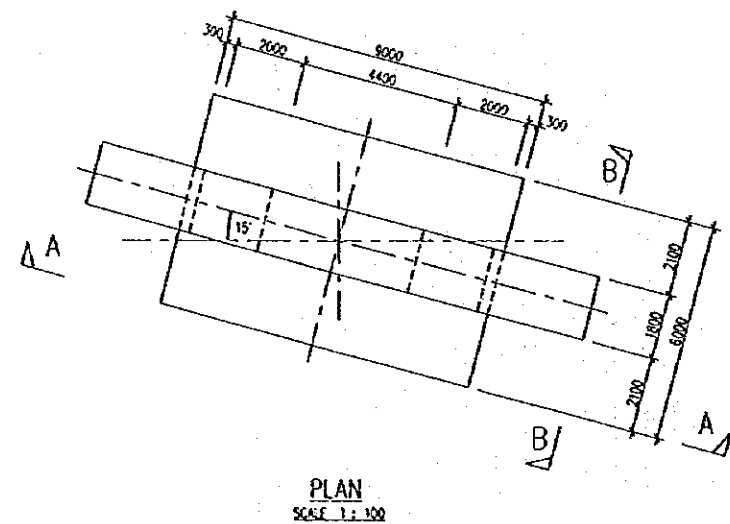
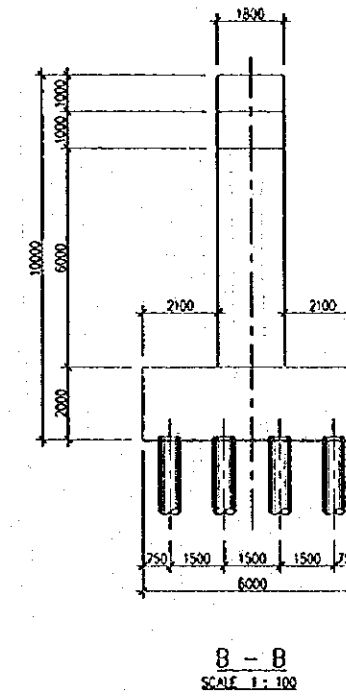
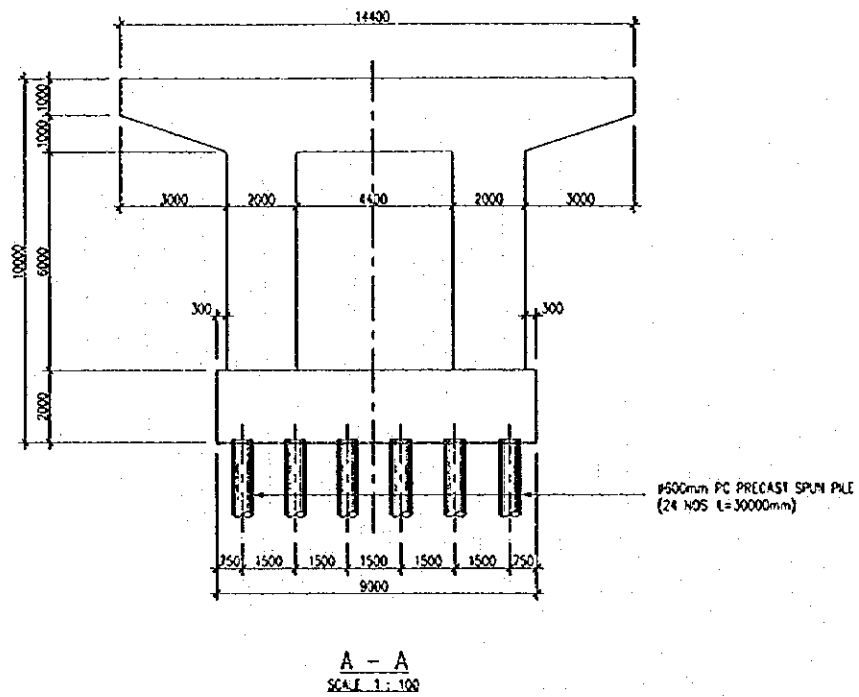


DETAIL 'Z'
SCALE 1:25

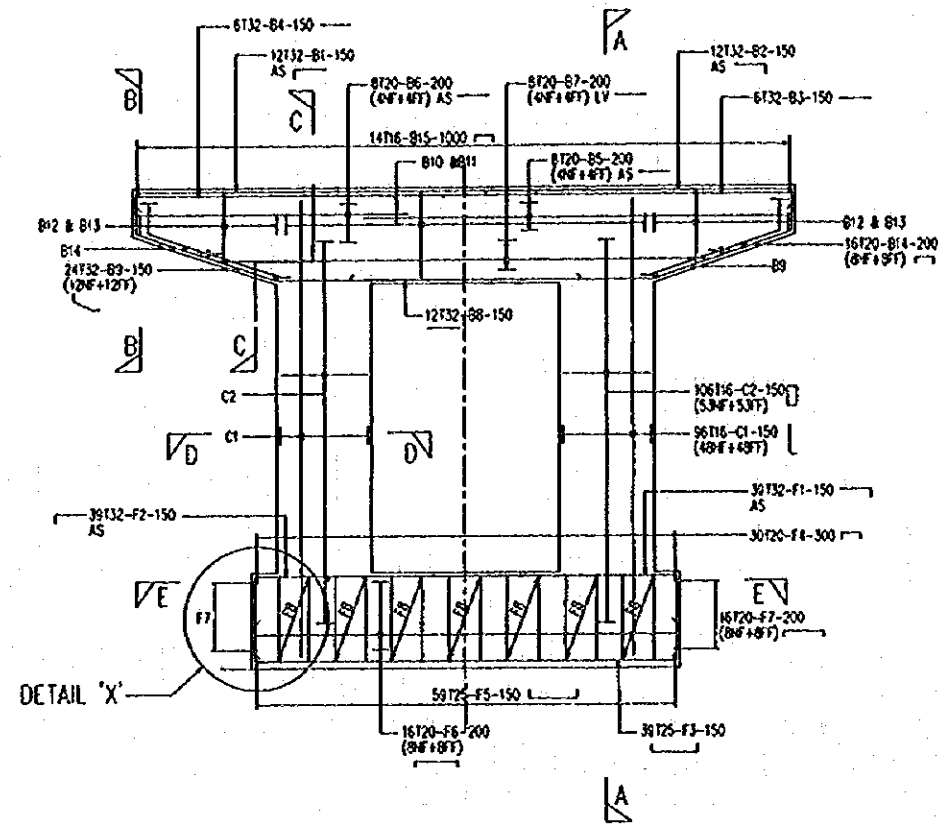


AS = ALTERNATELY STAGGERED
LV = LENGTH VARIES
NF = NEAR FACE
FF = FAR FACE

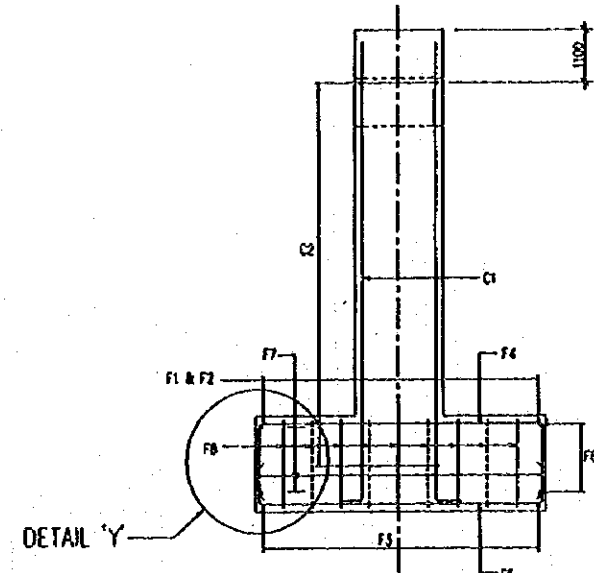
TARIKH	DIBINAH	RUKUN	UNIT JAMBATAN		PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKASENTRAK	DISEMAK		
PROJEK	UKURAN	TARJAH	DILULUSKAN: PENOLONG PENGARAH (R)		PENOLONG PENGARAH KAWAN (R)	MULTEPLE COLUMN - REINFORCEMENT
			DILULUSKAN: PENOLONG PENGARAH (R)			



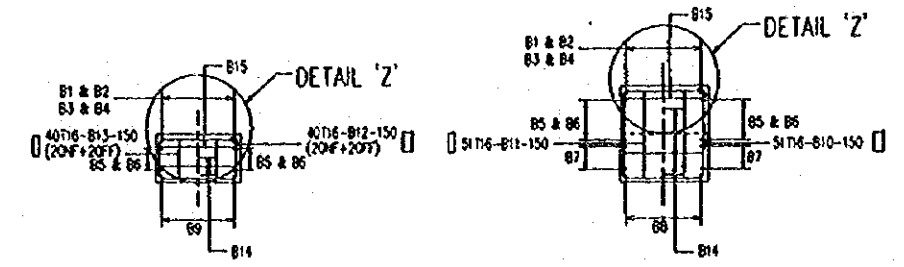
Terdah	Bujur	Rujukan	UNIT JAMBATAN		PANDAH JALAN	 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKASENTUK			
			DILUKIS:	DISEMAK:	PENOLONG PENGARAH KANAN (J)	MULTIPLE COLUMN - GENERAL VIEW TARIKH:
			DILUKISAN: PENOLONG PENGARAH (J)			



SECTIONAL ELEVATION
SCALE 1:25

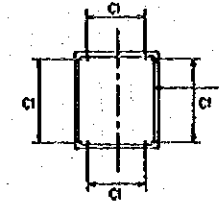


DETAIL 'Y'



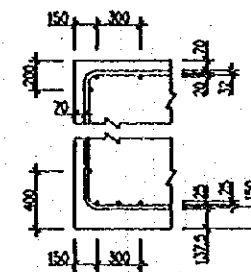
SECTION B - B
SCALE 1:25

SECTION C - C
SCALE 1:25

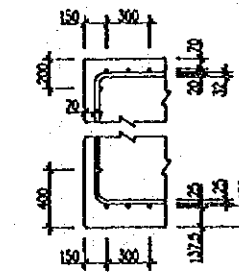


SECTION D - D
SCALE 1:25

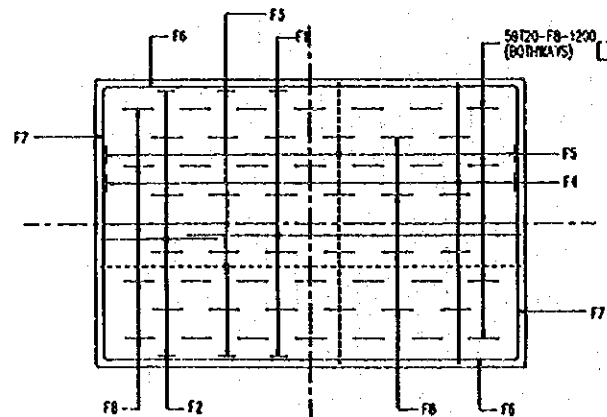
SECTION A - A
SCALE 1:25



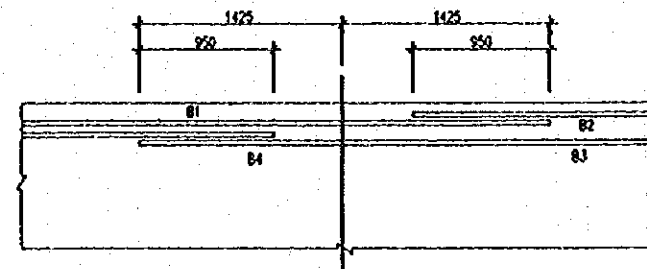
DETAIL 'X'
SCALE 1:25



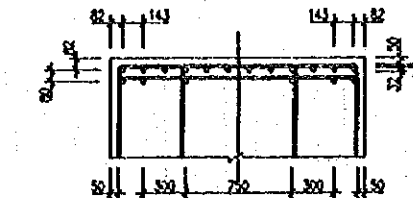
DETAIL 'Y'
SCALE 1:25



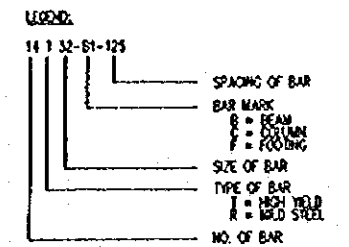
SECTION E - E
SCALE 1:25



KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

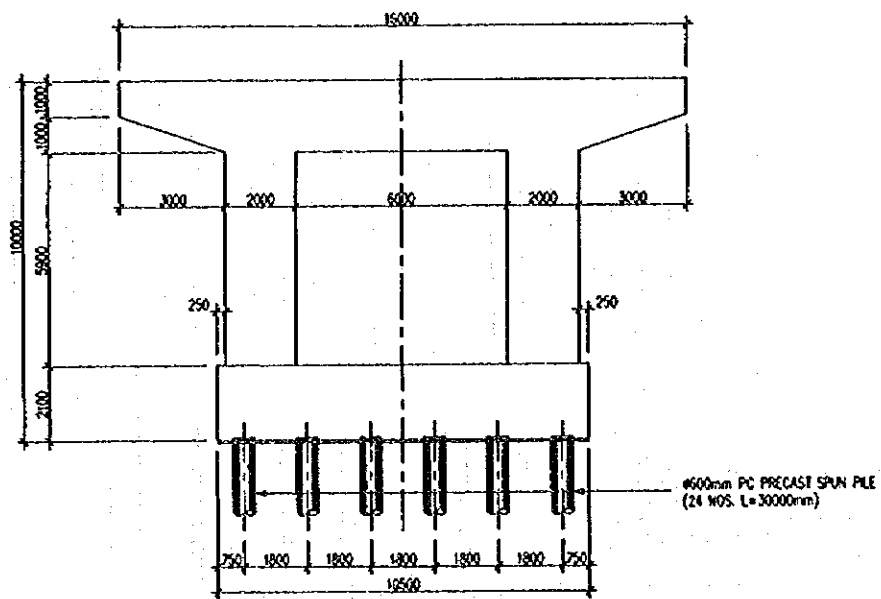


DETAIL 'Z'
SCALE 1:25

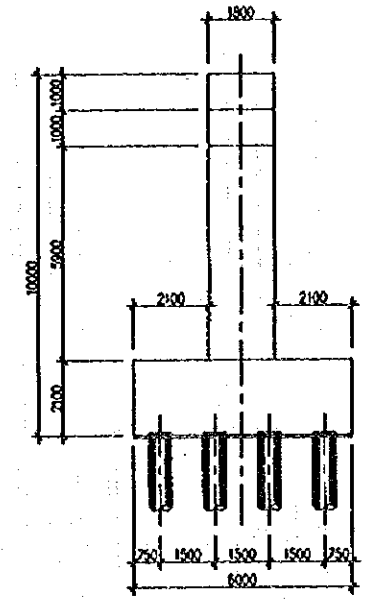


AS = ALTERNATELY STAGGERED
LV = LENGTH VARIES
NF = NEAR FACE
FF = FAR FACE

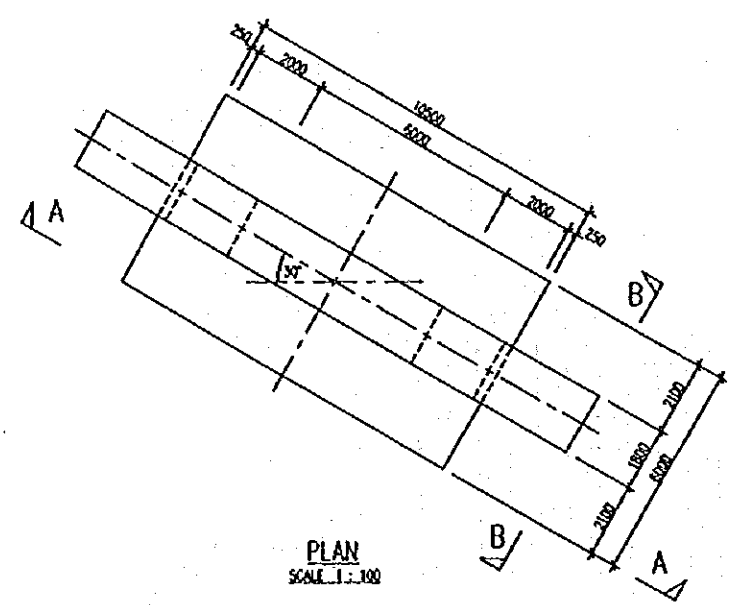
Torah	Buliran	Rujukan	UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKTORAH		
			DALUAS	DIDAMAR	
			DILUKUSKAN PENOLONG PENGARAH (A)	PENOLONG PENGARAH KANAN (D)	MULTIPLE COLUMN -- REINFORCEMENT
	PINDAAN		UKURAN	TARICAH	BL. LUKUSAN



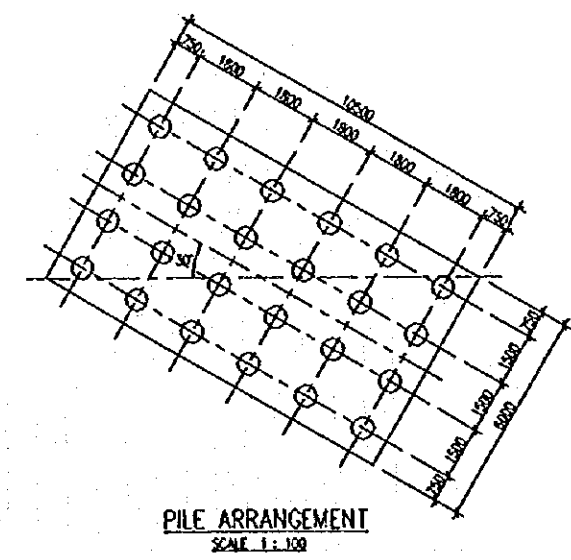
A - A
SCALE 1:100



B - B
SCALE 1:100

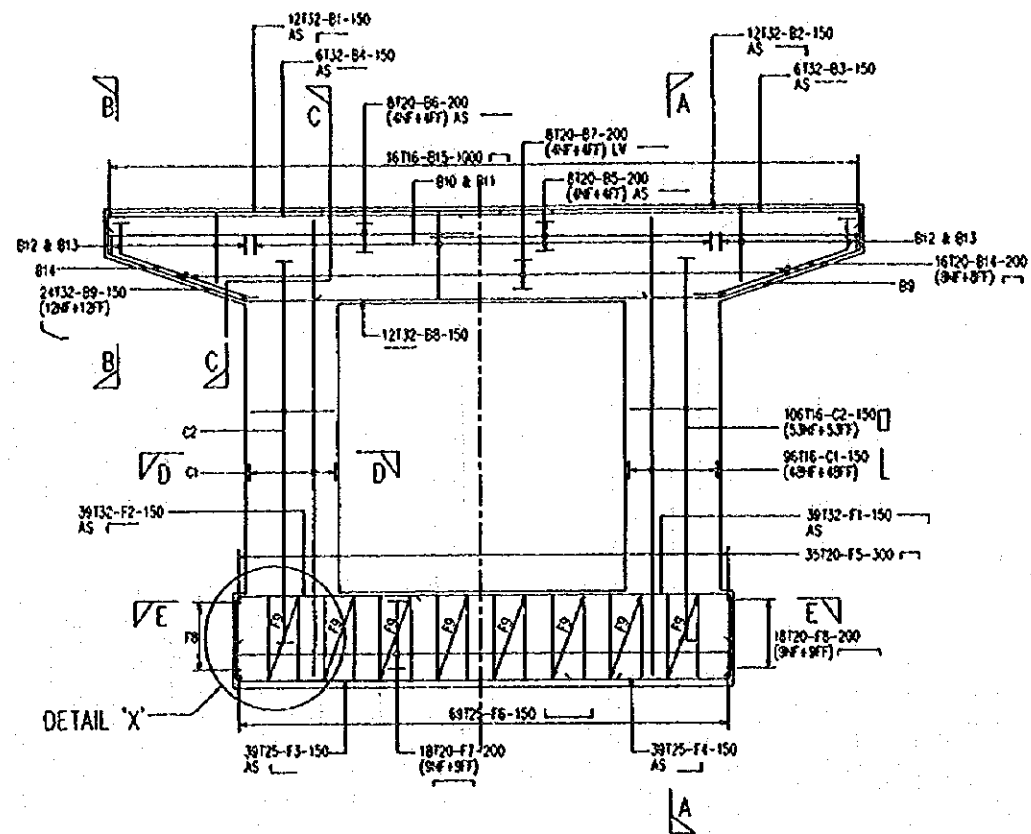


PLAN
SCALE 1:100

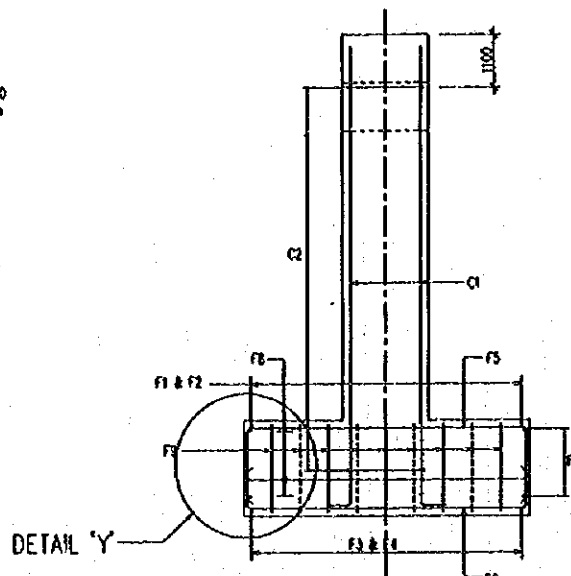


PILE ARRANGEMENT
SCALE 1:100

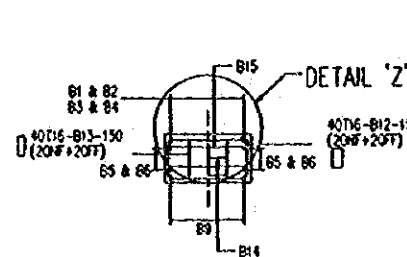
Tarikh	Revisi	Rujukan	UNIT JAMBATAN		PONDOKAN JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKABENTUK:	DISEKAJ:		
FIDELIAN	UKURAN		DILUASKAN: PONDOKAN PONDOKAN (A)		JURUTERA PENJAJA KANAN	MULTIPLE COLUMN - GENERAL VIEW
			PONDOKAN PONDOKAN KANAN (A)		TARSIK: BIL. LUPUSAN	



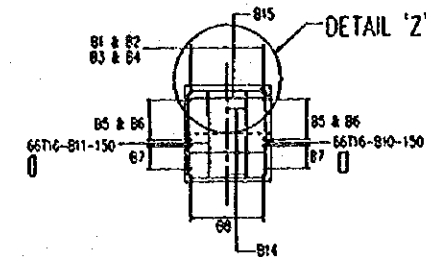
SECTIONAL ELEVATION
SCALE 1:25



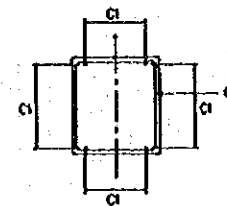
DETAIL 'Y'



SECTION B - B
SCALE 1:25

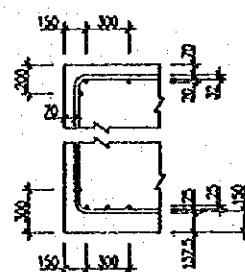


SECTION C - C
SCALE 1:25

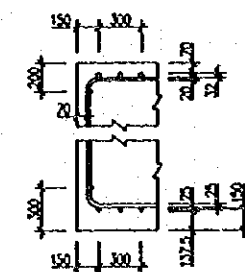


SECTION D - D
SCALE 1:25

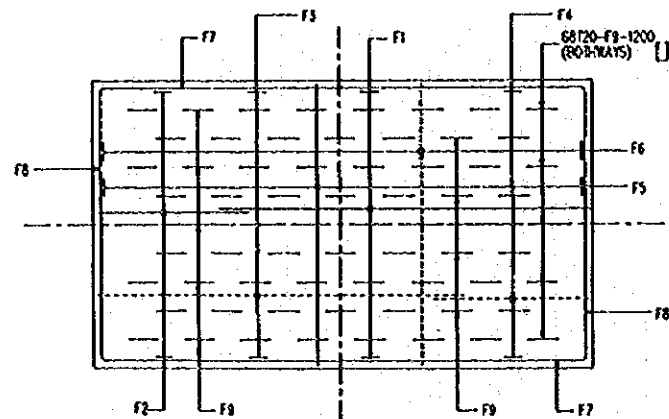
SECTION A - A
SCALE 1:25



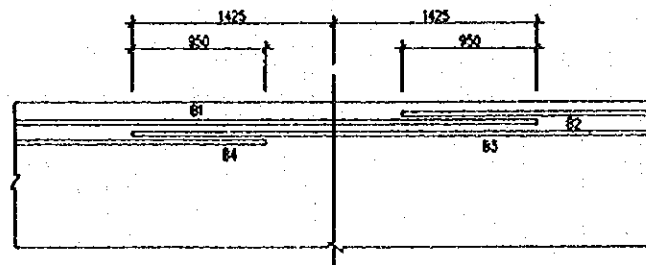
DETAIL 'X'
SCALE 1:25



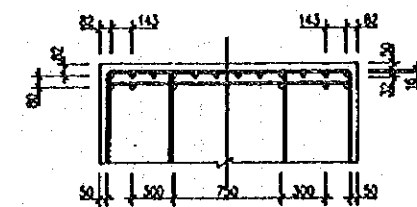
DETAIL 'Y'
SCALE 1:25



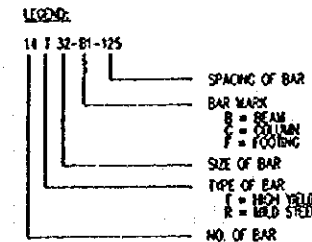
SECTION E - E
SCALE 1:25



KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

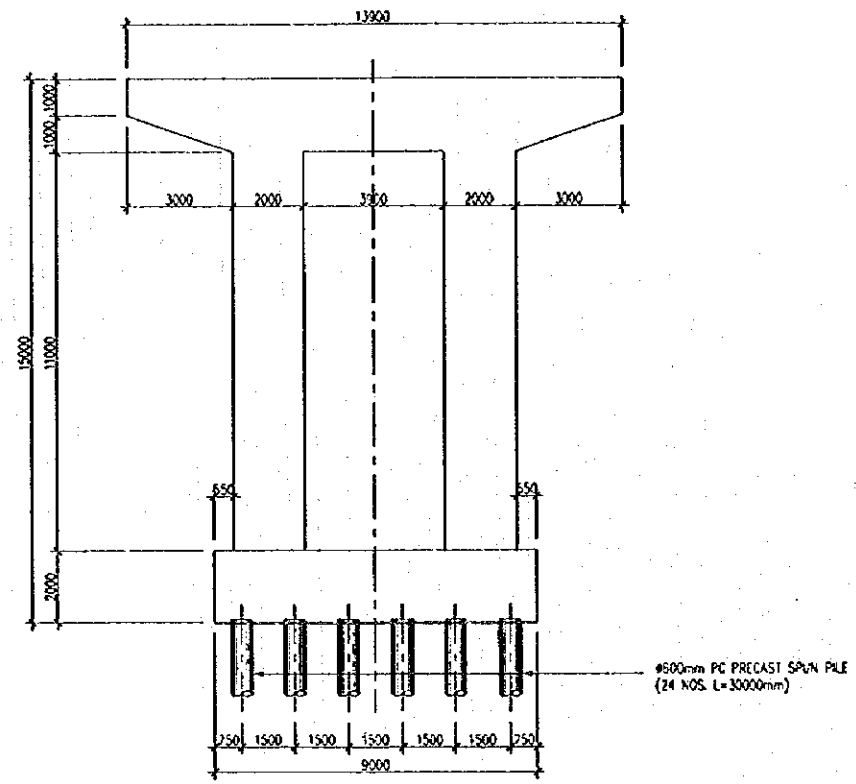


DETAIL 'Z'
SCALE 1:25

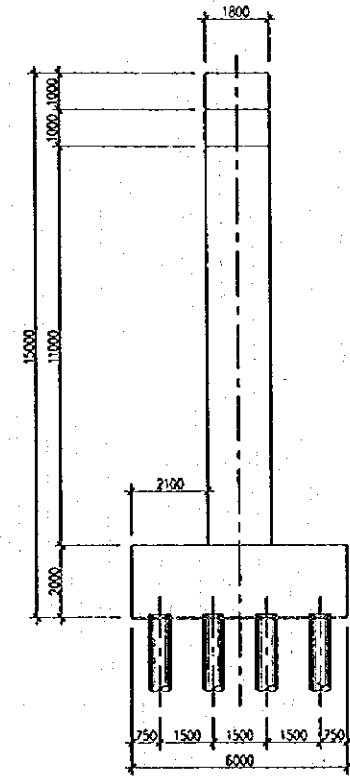


AS = ALTERNATELY STAGGERED
LV = LENGTH VARIES
NF = NEAR FACE
FF = FAR FACE

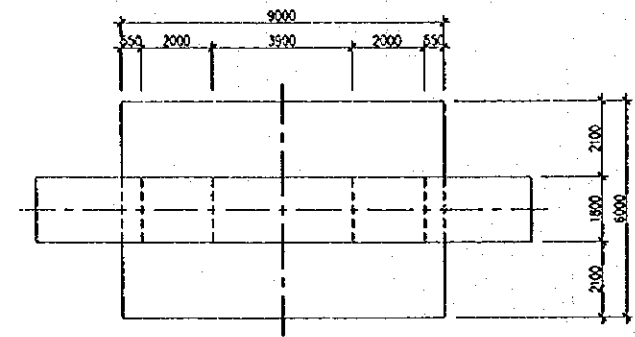
Tajuk		Bulatan		Pujian		UNIT JAMBATAN		PENGARAH JALAN		JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN	
						DOKUMENT:		JURUTERA PENJAJA KANAN		MULTIPLE COLUMN - REINFORCEMENT	
						DOKUMENT:		PENGARAH KANAN (J)		TARIKH	
PROJEN				UKURAN		DOKUMENT:		PENGARAH KANAN (J)		LURUSAN	



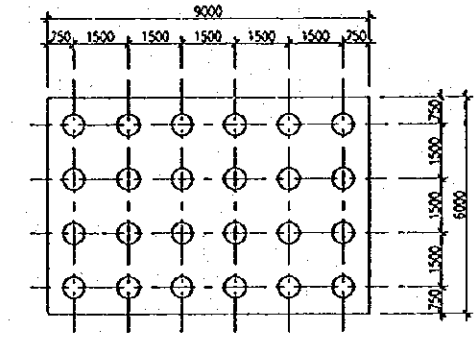
FRONT ELEVATION
SCALE 1:100



SIDE ELEVATION
SCALE 1:100



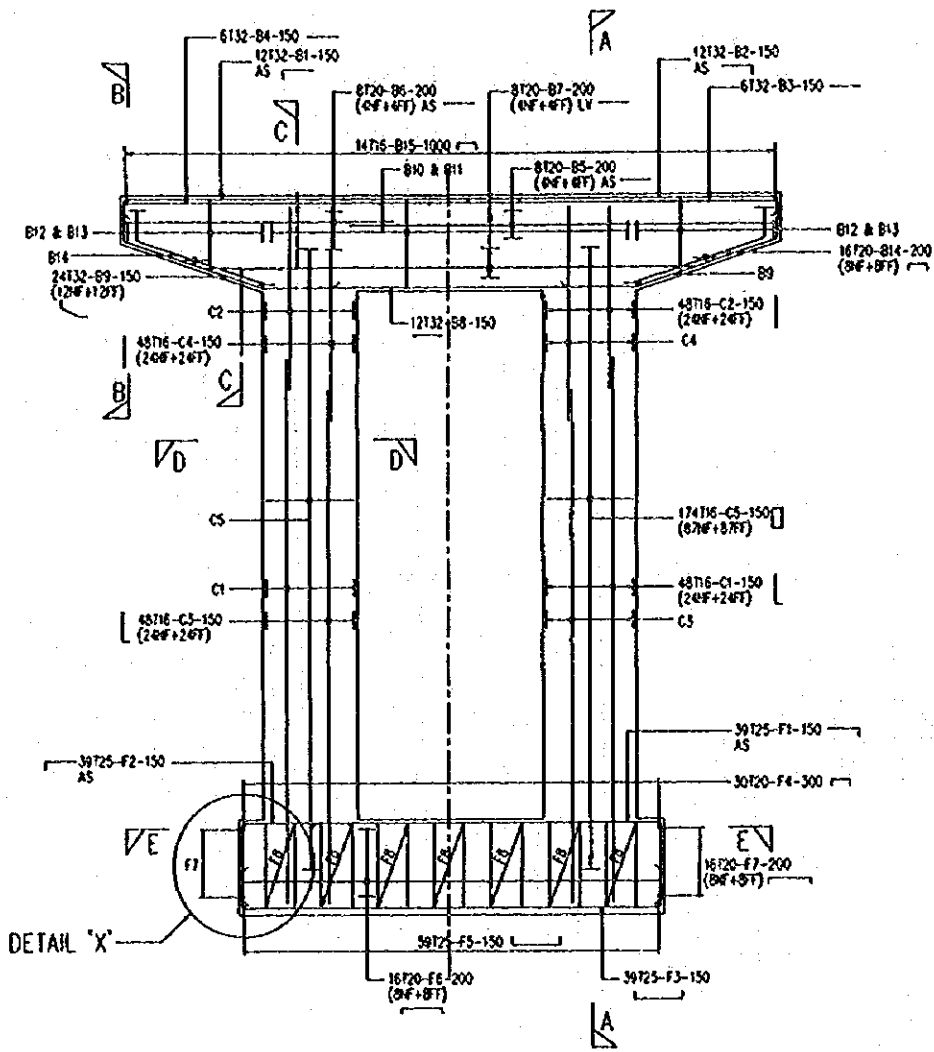
PLAN
SCALE 1:100



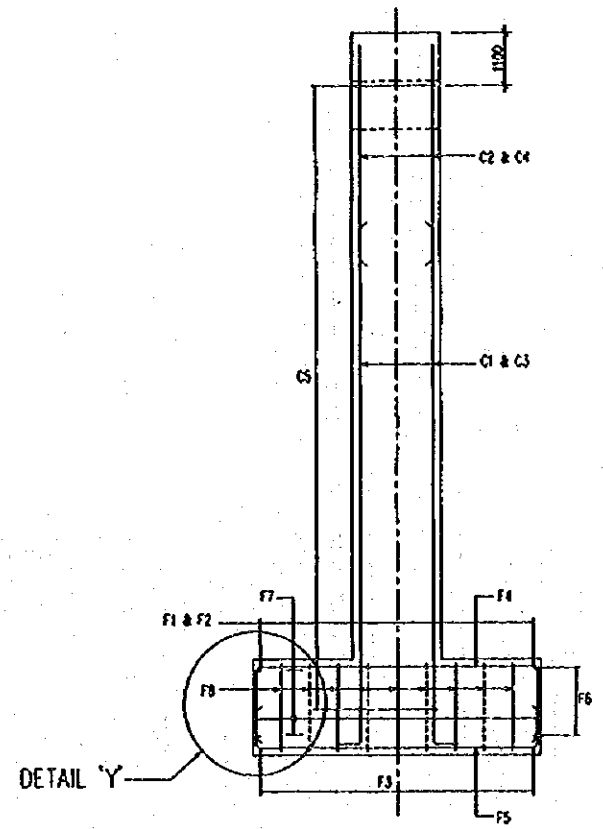
PILE ARRANGEMENT
SCALE 1:100

Torah	Bulatan	Rajutan		UNIT JAMBATAN	PENGARAH JALAN	 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
				DIREKABENTUK:		
				DILUKIS:	DISEMAK:	
				DILUKUSKAN: PENOLONG PENGARAH (JI)		
					PENOLONG PENGARAH KANAN (JI)	
						MULTIPLE COLUMN - GENERAL VIEW
						TARIK: SKALA: (UKURAN:)

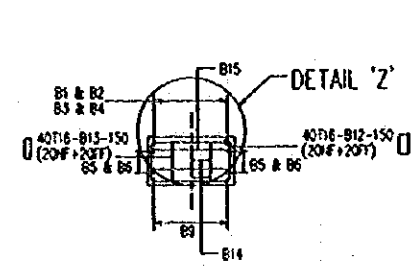
(GAB. PUL. 10/10/102) M.P. 02



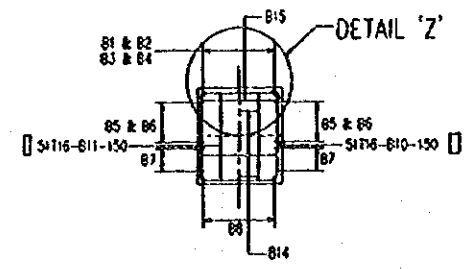
SECTIONAL ELEVATION
SCALE 1:25



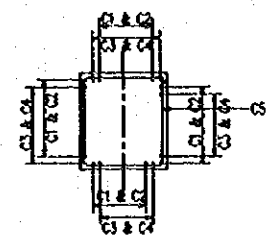
SECTION A - A
SCALE 1:25



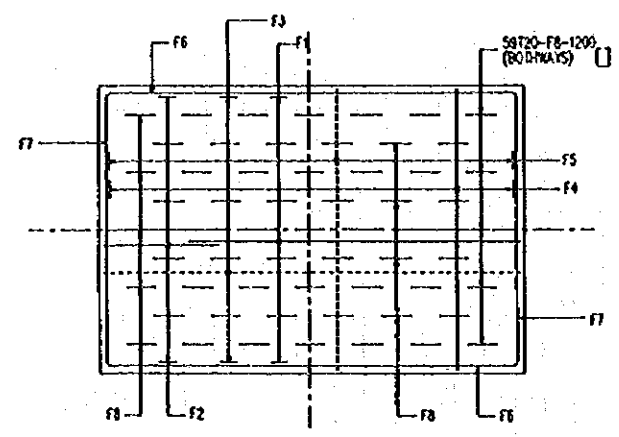
SECTION B - B
SCALE 1:25



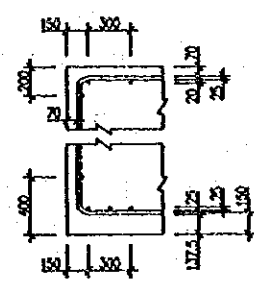
SECTION C - C
SCALE 1:25



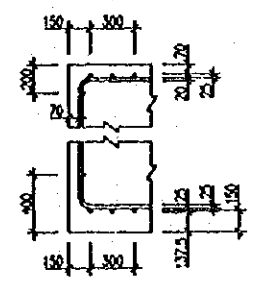
SECTION D - D
SCALE 1:25



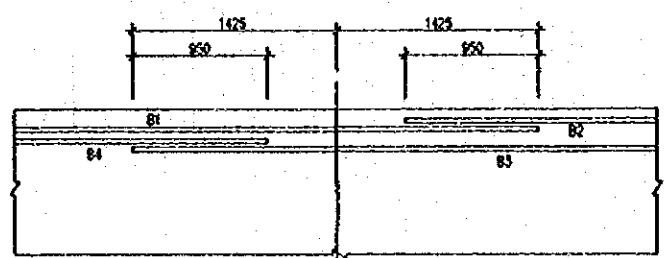
SECTION E - E
SCALE 1:25



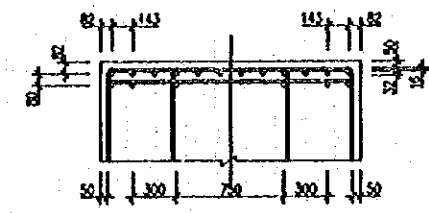
DETAIL 'X'
SCALE 1:25



DETAIL 'Y'
SCALE 1:25



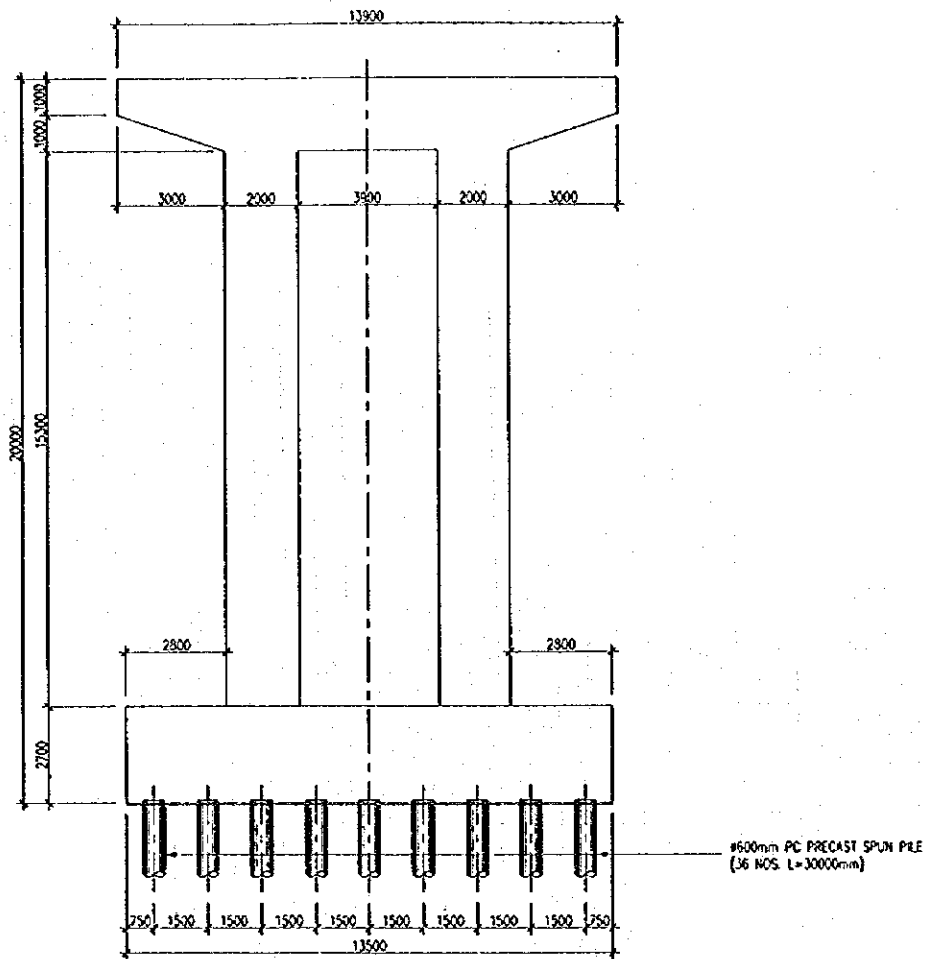
KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25



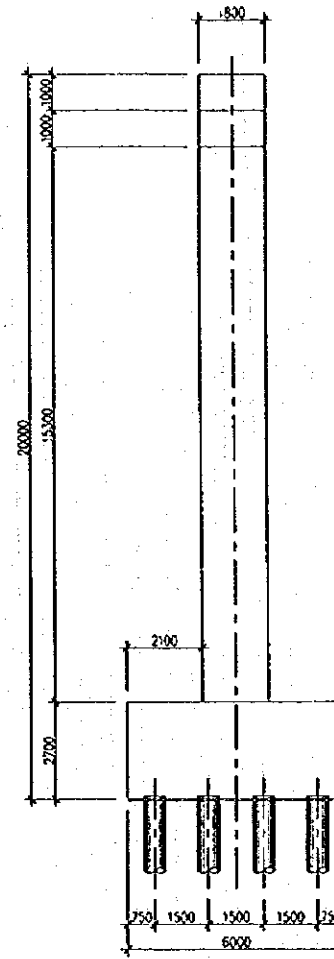
DETAIL 'Z'
SCALE 1:25

LEGEND:
 14 T 32-B1-125
 SPACING OF BAR
 BAR MARK
 B = BEAM
 F = COLUMN
 Y = FOOTING
 SIZE OF BAR
 TYPE OF BAR
 T = TENSILE YIELD
 A = WELD STEEL
 NO. OF BAR
 AS = ALTERNATELY STAGGERED
 LV = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE

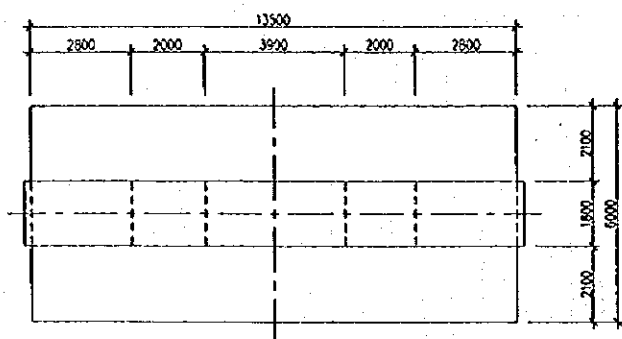
Tarikh	Buikan	Rujukan	UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKABENTUK		
			DALAM	JURUTERA PENJAJA KAWAN	
			DENULUSKARE PENOLONG PENGARAH (A)	PENOLONG PENGARAH KAWAN (A)	MULTIPLE COLUMN - REINFORCEMENT
	PROJEK		UMURAH	TARSIK	BR. LUSISAN



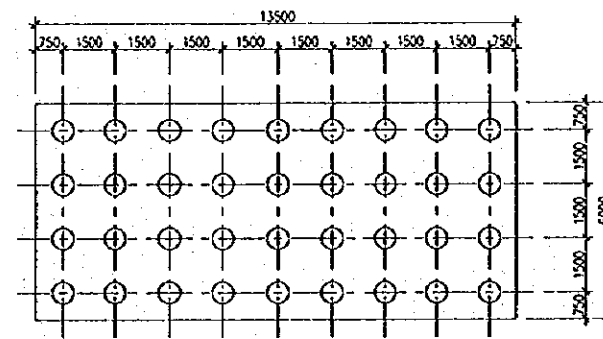
FRONT ELEVATION
SCALE 1 : 100



SIDE ELEVATION
SCALE 1 : 100

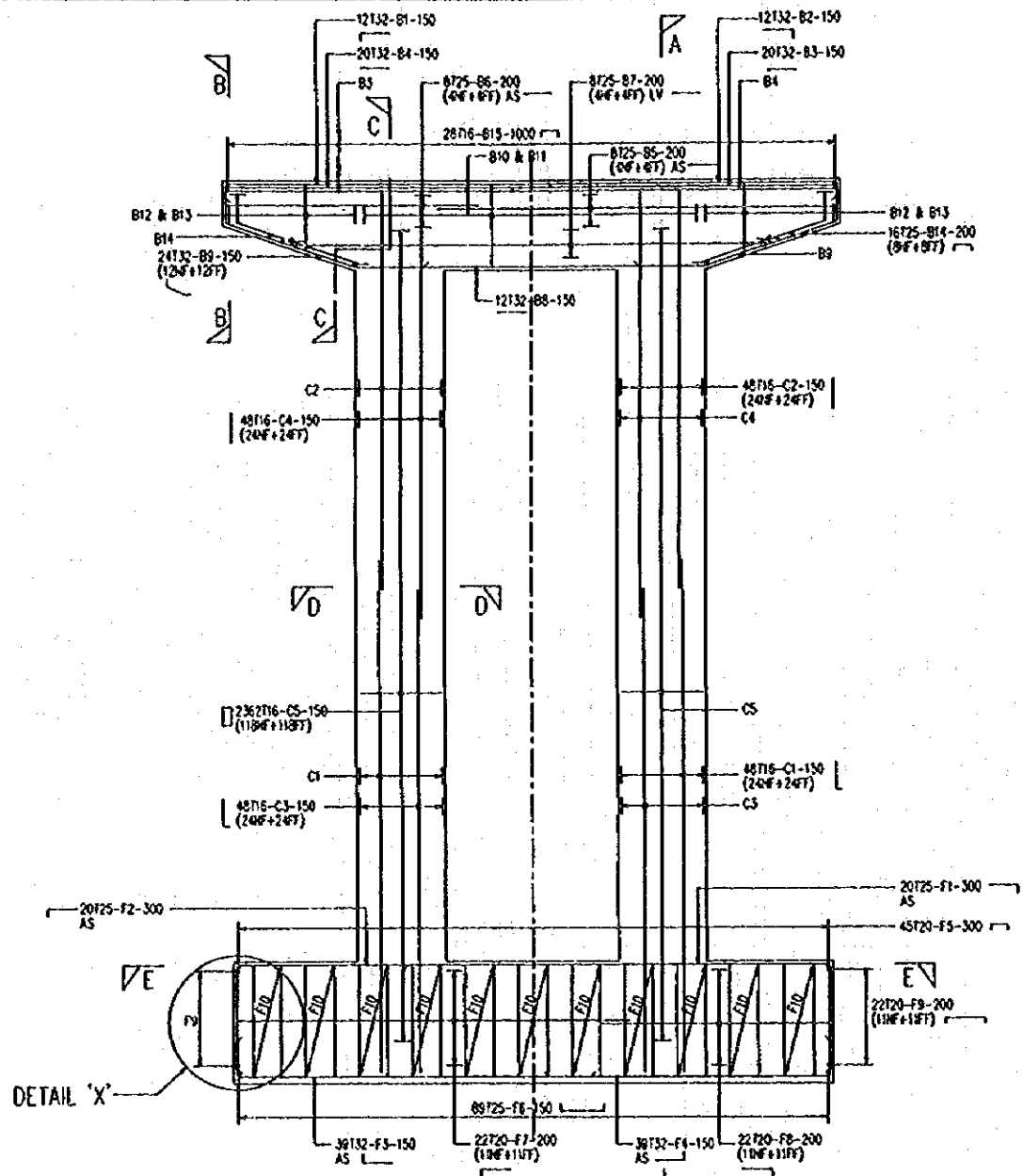


PLAN
SCALE 1 : 100

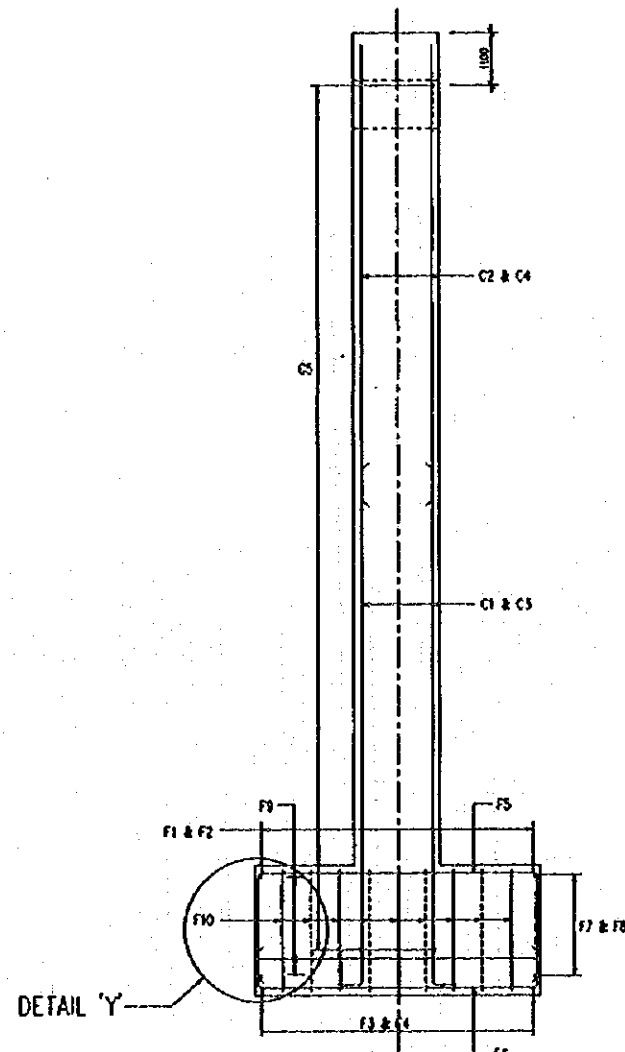


PILE ARRANGEMENT
SCALE 1 : 100

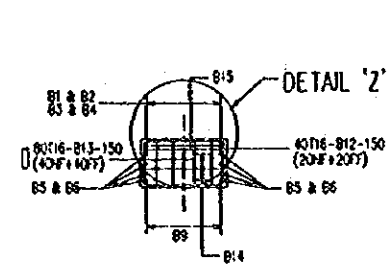
Tarik	Buiron	Rujukan	UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKASENTUK:	JURUTERA PENGUASA KANAN	MULTIPLE COLUMN - GENERAL VIEW
			DILUKUS:	PENDOLONG PENGARAH KANAN (J)	
			DILUKUSKAN: PENOLONG PENGARAH (J)	FARDOK	
	PINDAAN		UKURAN		BLK LUK-SAN



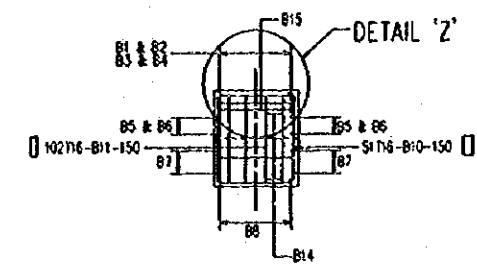
SECTIONAL ELEVATION
SCALE 1:25



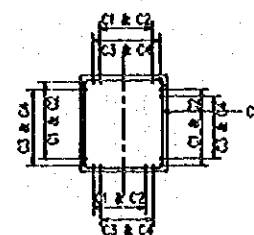
SECTION A - A
SCALE 1:25



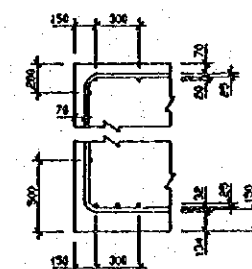
SECTION B - B
SCALE 1:25



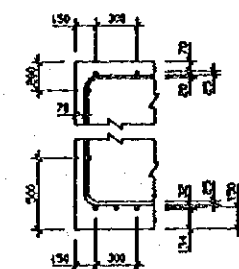
SECTION C - C
SCALE 1:25



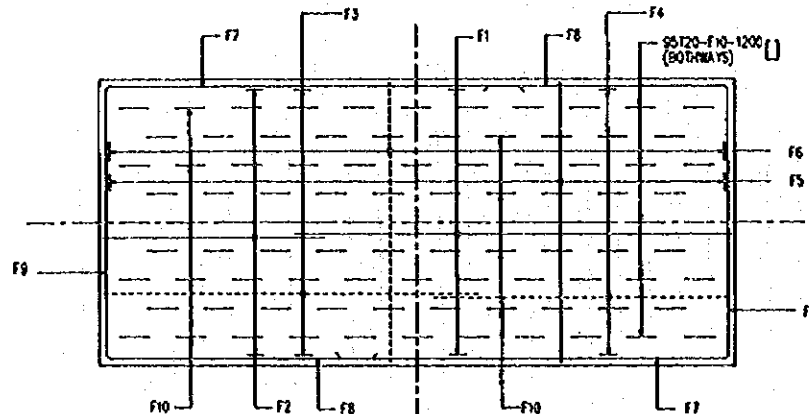
SECTION D - D
SCALE 1:25



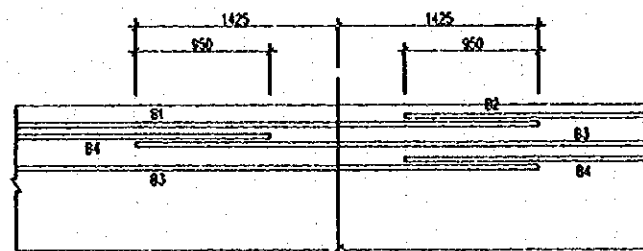
DETAIL 'X'
SCALE 1:25



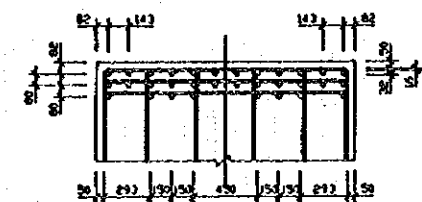
DETAIL 'Y'
SCALE 1:25



SECTION E - E
SCALE 1:25



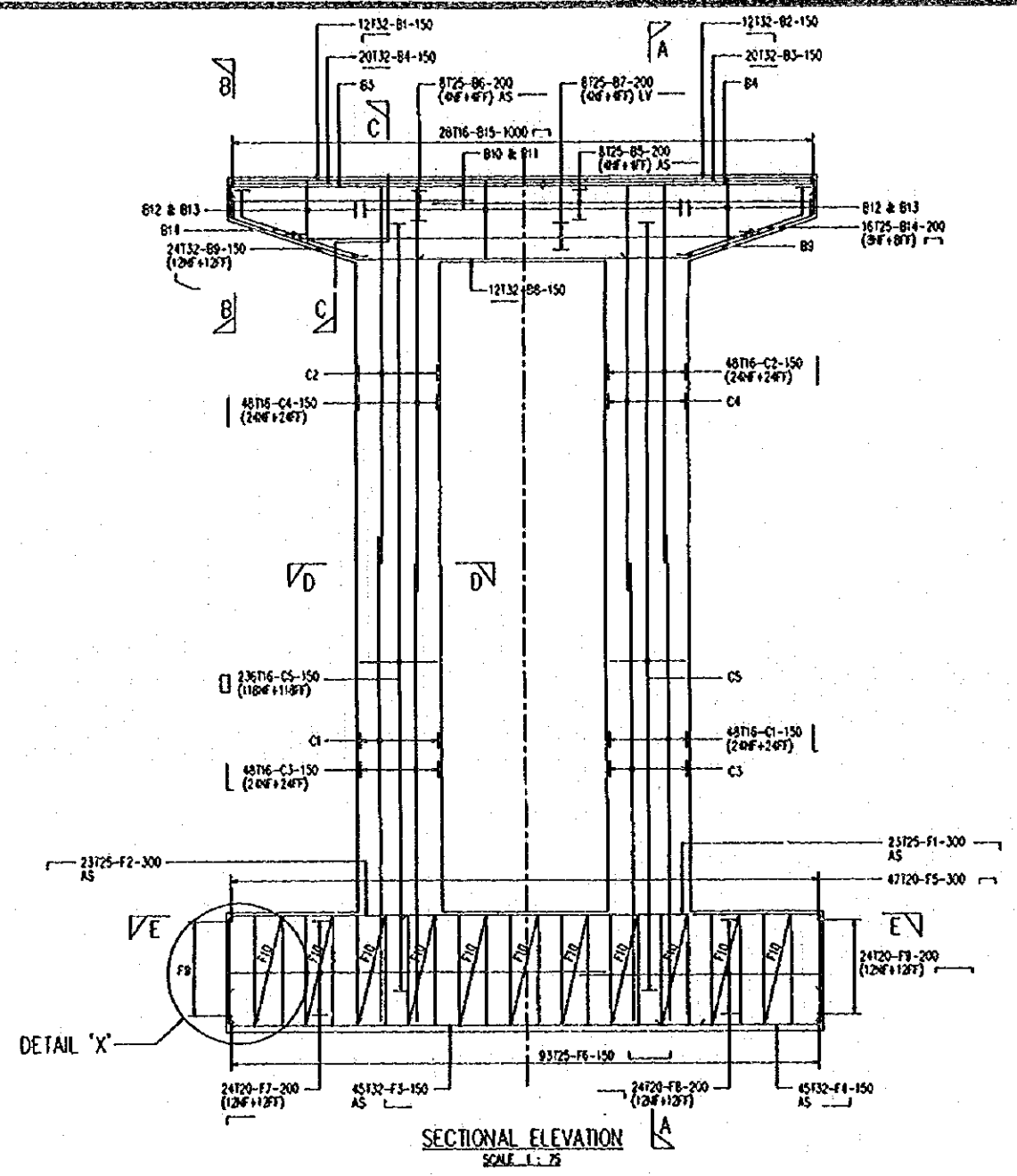
KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25



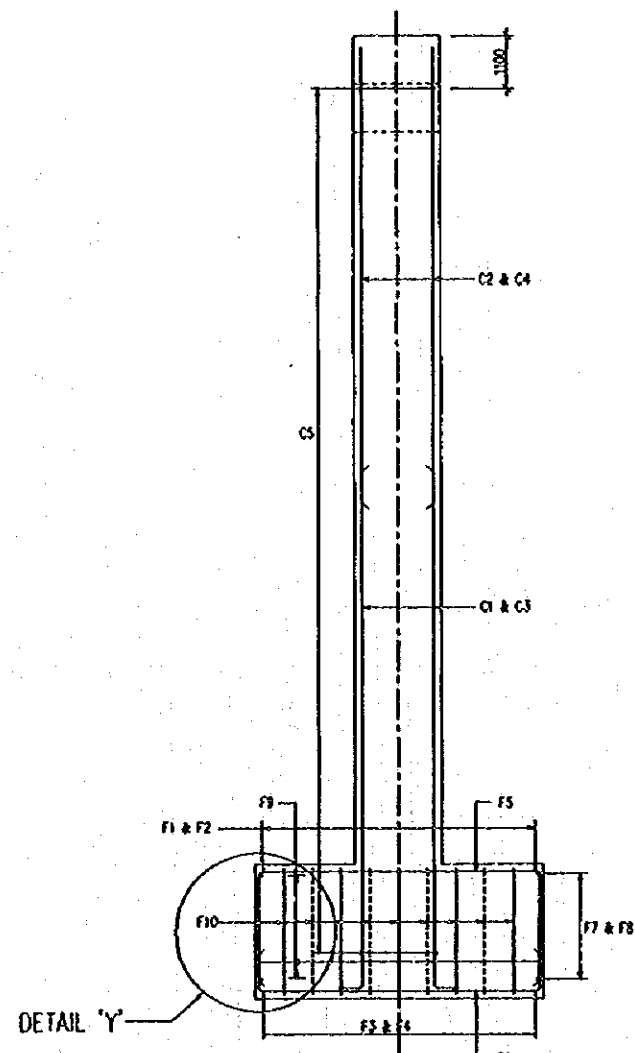
DETAIL 'Z'
SCALE 1:25

LEGEND:
 14 T 32-B1-125
 SPACING OF BAR
 BAR MARK
 B = BEAM
 C = COLUMN
 F = FOOTING
 SIZE OF BAR
 TYPE OF BAR
 I = HIGH YIELD
 II = MILD STEEL
 NO. OF BAR
 AS = ALTERNATELY STAGGERED
 LV = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE

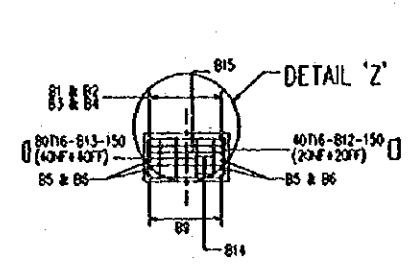
Tarik	Buatan	Rujukan	UNIT JAMBATAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN	
			DIREKSI/REK:	PENGARAH JALAN	
			DALANG:	JURUTERA PERUSAHA KAWAN	
			DELUKSIAN: PONDONG PENGARAH (JI)	PONDONG PENGARAH KAWAN (J)	MULTIPLE COLUMN - REINFORCEMENT
			UKURAN	TARIKH	REVISI



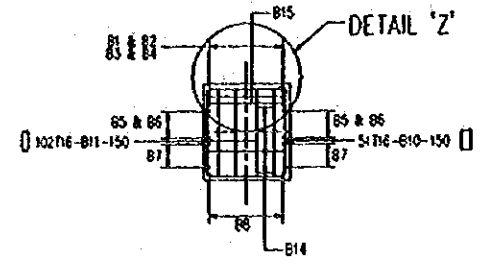
SECTIONAL ELEVATION
SCALE 1:25



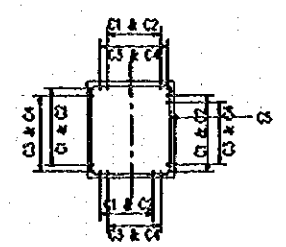
SECTION A - A
SCALE 1:25



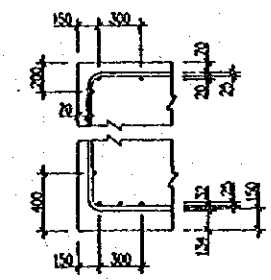
SECTION B - B
SCALE 1:25



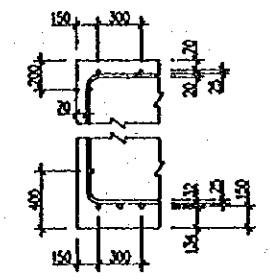
SECTION C - C
SCALE 1:25



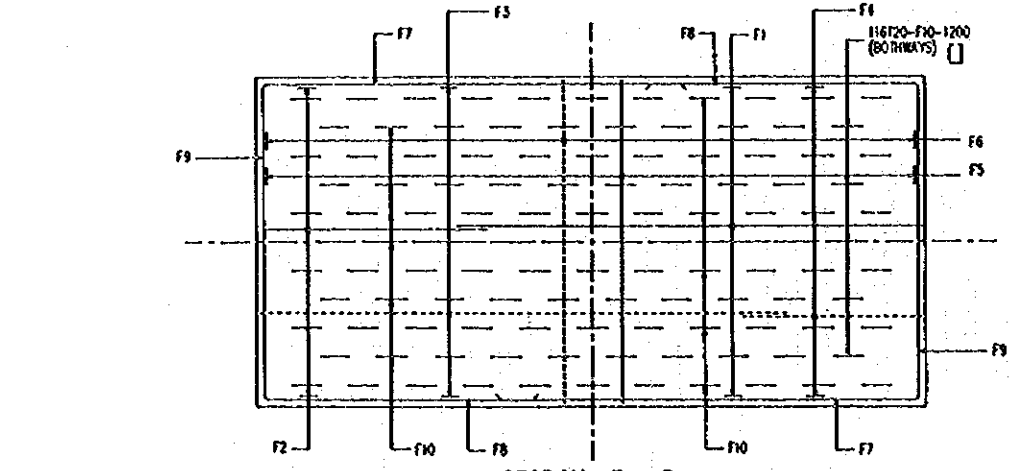
SECTION D - D
SCALE 1:25



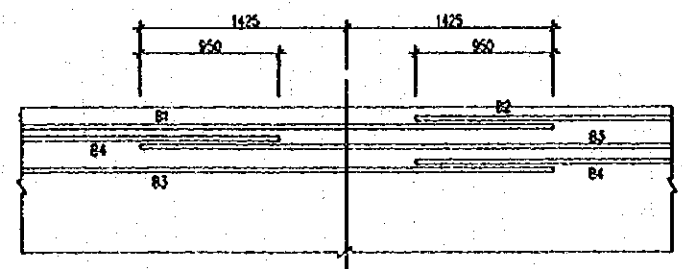
DETAIL 'X'
SCALE 1:25



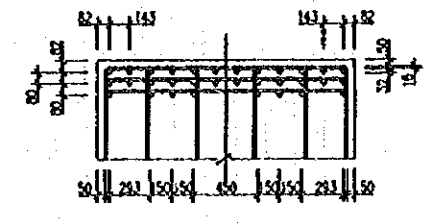
DETAIL 'Y'
SCALE 1:25



SECTION E - E
SCALE 1:25



KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

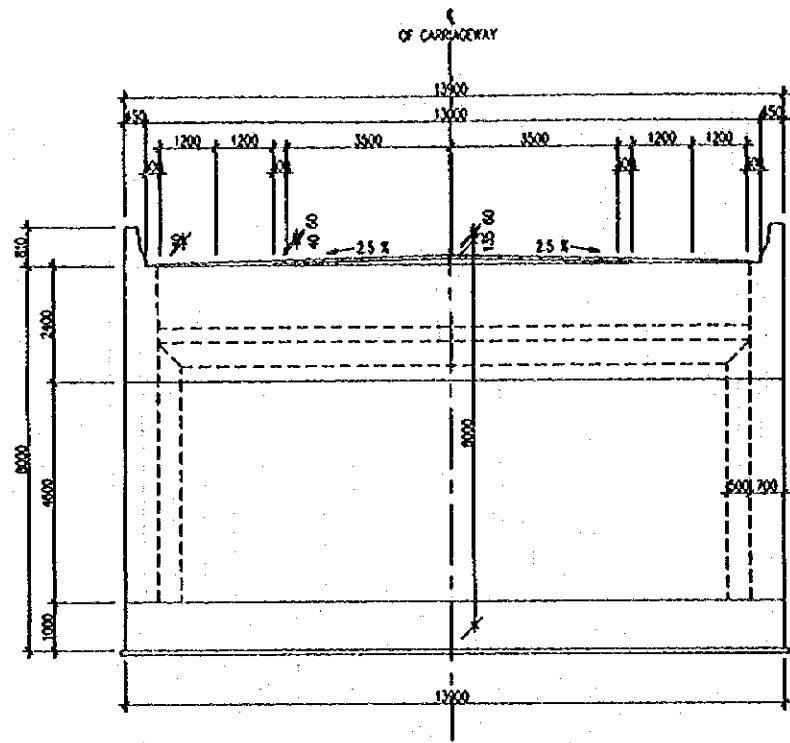


DETAIL 'Z'
SCALE 1:25

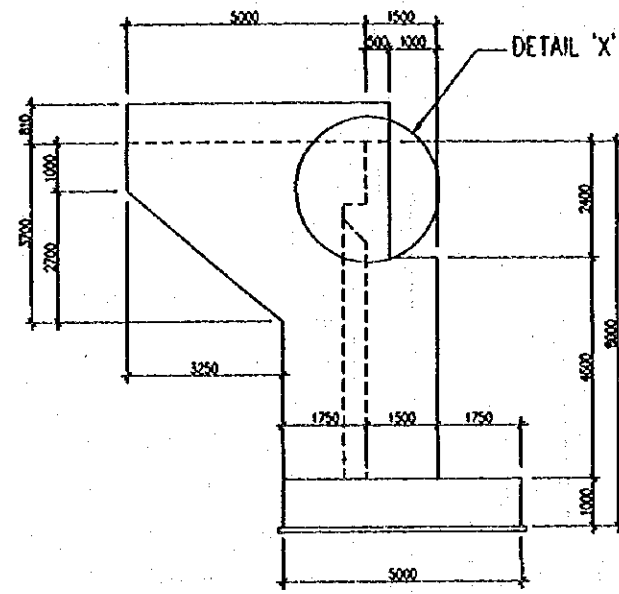
LEGEND:
14 x 32-B1-125
SPACING OF BAR
BAR MARK
B = BEAM
F = FOOTING
SIZE OF BAR
TYPE OF BAR
Y = HIGH YIELD
A = MED STEEL
NO. OF BAR

AS = ALTERNATELY STAGGERED
LV = LENGTH VARIES
NF = NEAR FACE
FF = FAR FACE

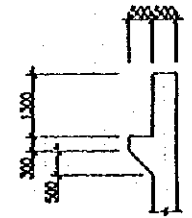
Tarik	Bulan	Rujukan	UNIT JAMBATAN	PEKERJA JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKSI/AGENSIA	JURUPERA PENGARAJA KAWAN	
			DILUKSI/DISEMAK	PENGARAJA PENGARAJA KAWAN (J)	MULTIPLE COLUMN - REINFORCEMENT
			DILUKSI/DISEMAK/DIREKSI/AGENSIA		TARJUK
					LUKSI/DISEMAK



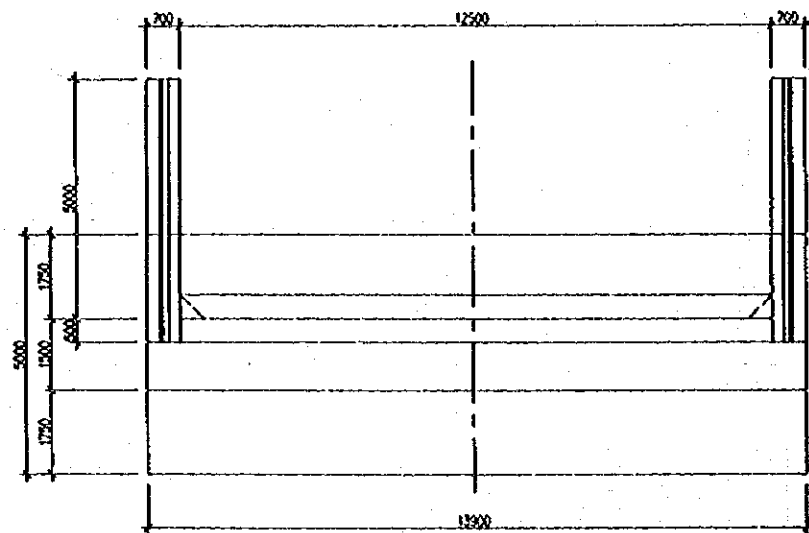
FRONT ELEVATION
SCALE 1:25



SIDE ELEVATION
SCALE 1:25

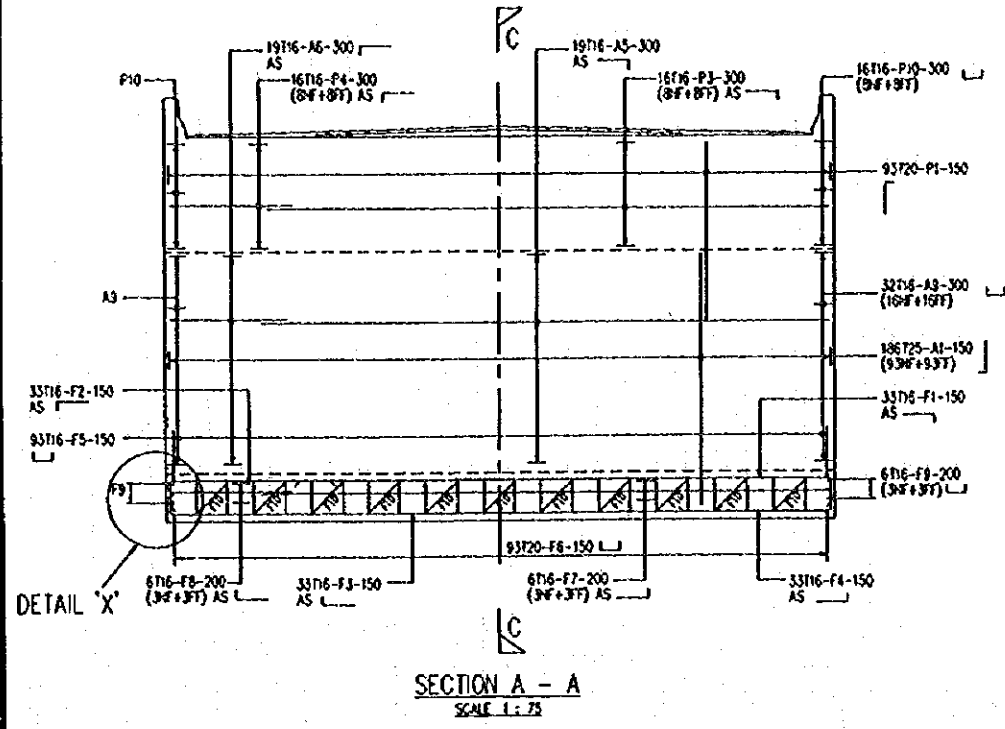


DETAIL 'X'
SCALE 1:25

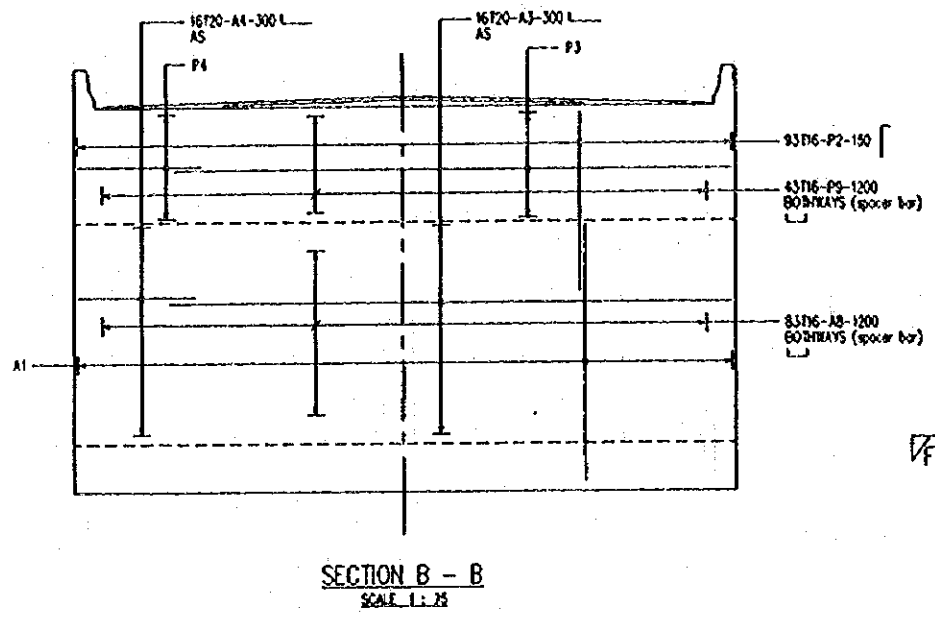


PLAN
SCALE 1:25

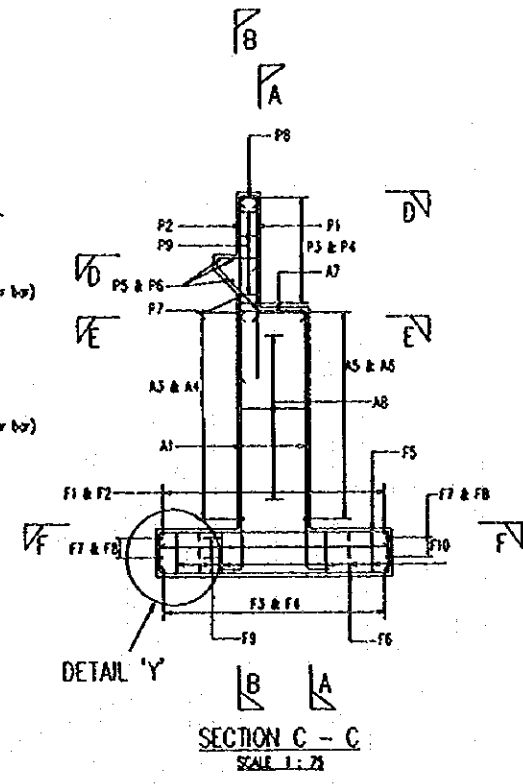
Tarikh	Buikan	Rujukan	UNIT JAMBATAN		PONCAH JALAN	 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKTORJUK:		JUPUTERA PENJAJASA KANAN	
			DALUARS:	DISDIKAR:	PENOLONG PEGAWAI KANAN (A)	ABUTMENT - GENERAL VIEW
					PENOLONG PEGAWAI KANAN (A)	TAPISKE DIDOKAN:



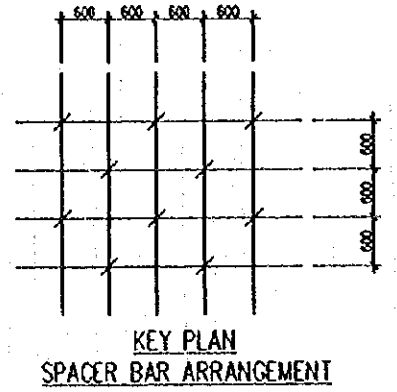
SECTION A - A
SCALE 1:25



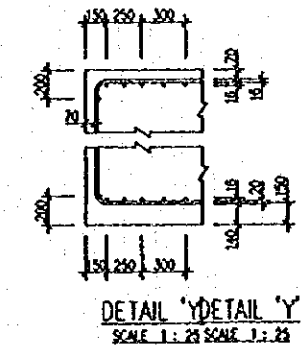
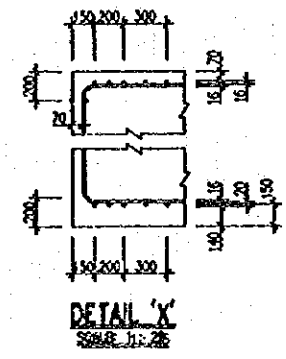
SECTION B - B
SCALE 1:25



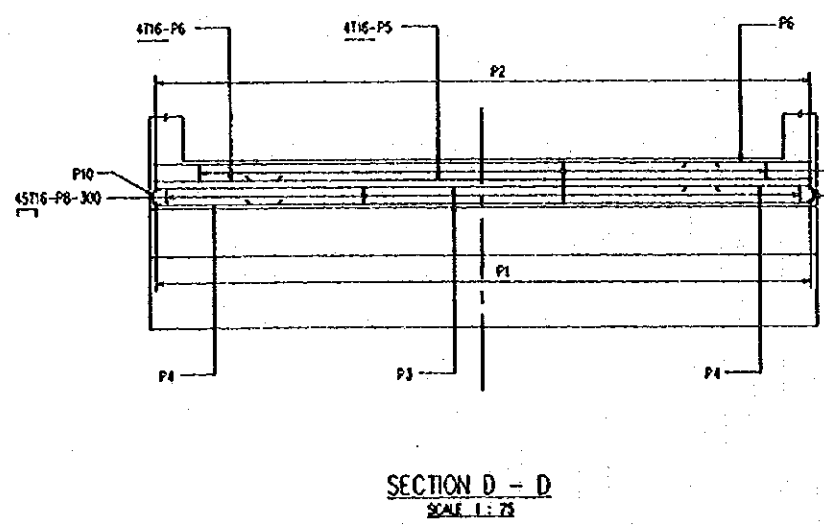
SECTION C - C
SCALE 1:25



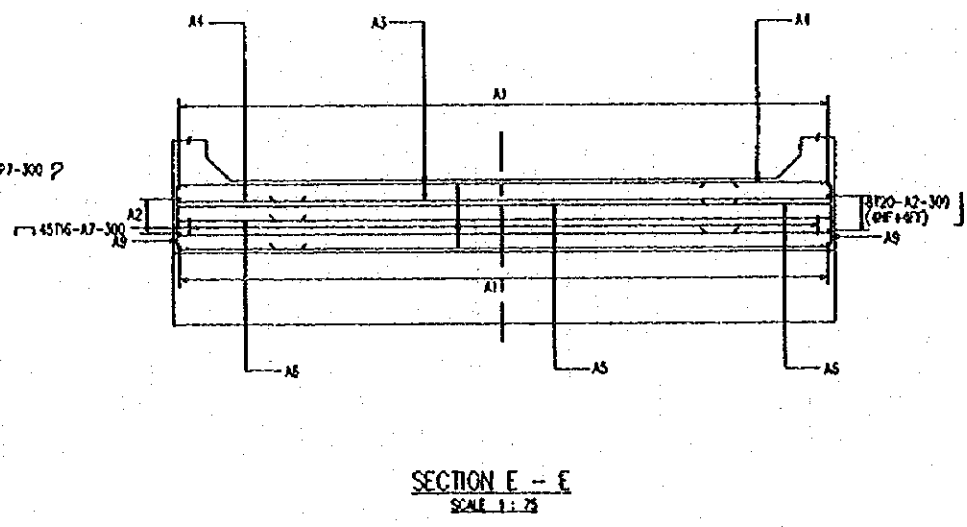
DETAIL 'X'



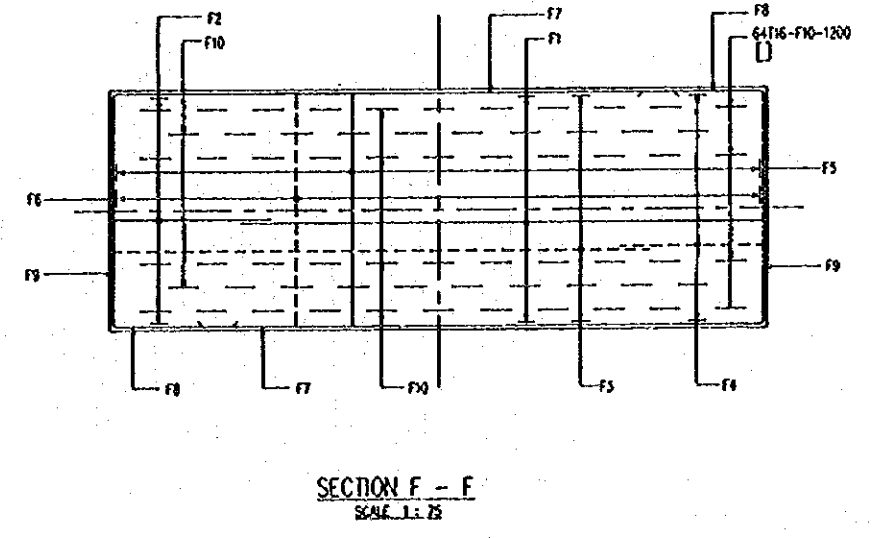
LEGEND:
 14 T 32-81-125
 SPACING OF BAR
 BAR MARK
 B = BEAM
 C = COLUMN
 F = FOOTING
 SIZE OF BAR
 TYPE OF BAR
 H = HIGH YIELD
 M = MILD STEEL
 NO. OF BAR
 AS = ALTERNATELY STAGGERED
 LV = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE



SECTION D - D
SCALE 1:25

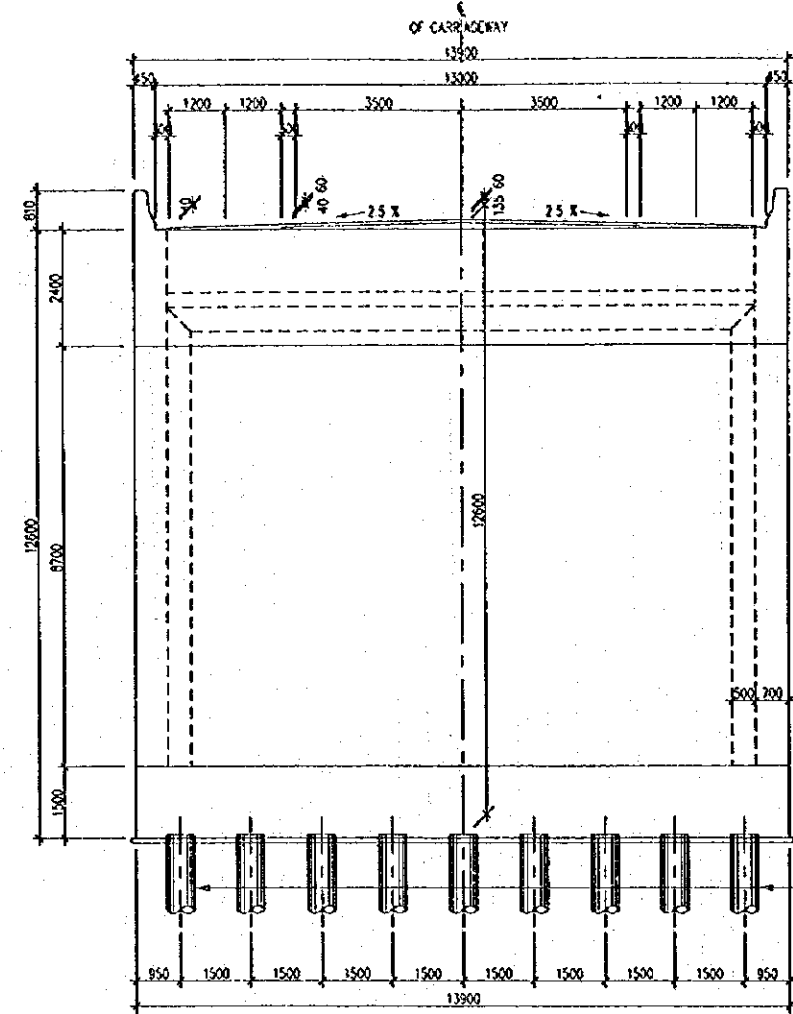


SECTION E - E
SCALE 1:25

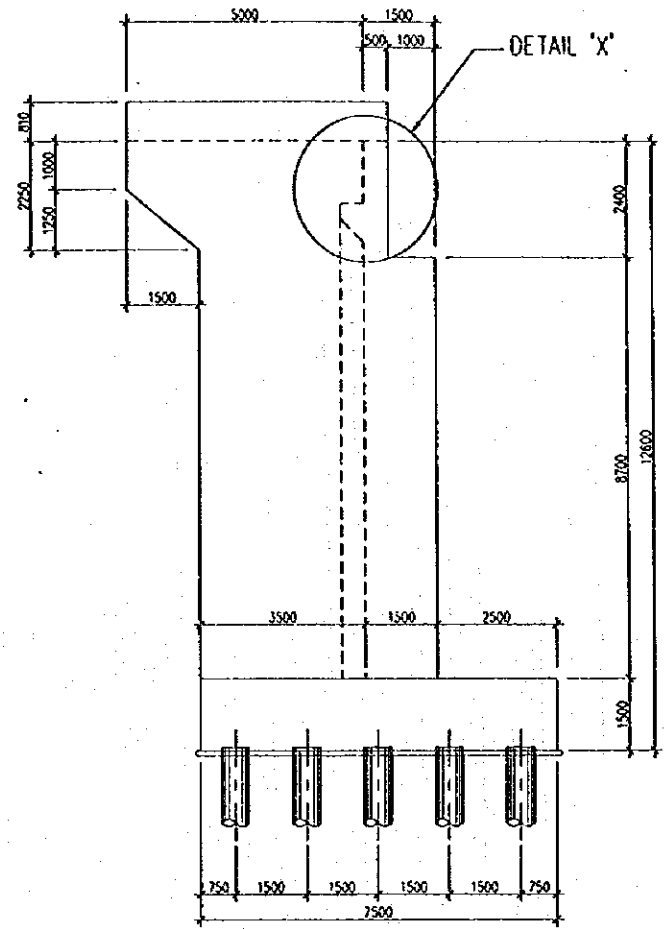


SECTION F - F
SCALE 1:25

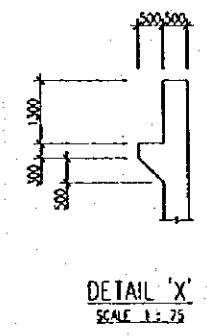
Tarikh	Buahan	Pujian	UNIT JAMBATAN	PENGARAH JALAN	 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DOKUMEN:	JURUTERA PENOLONG KAWAN	
			DALAM:		ABUTMENT - REINFORCEMENT
			DULUSKAN: PENOLONG PENGARAH (P)	PENOLONG PENGARAH KAWAN (K)	
					TARPOK



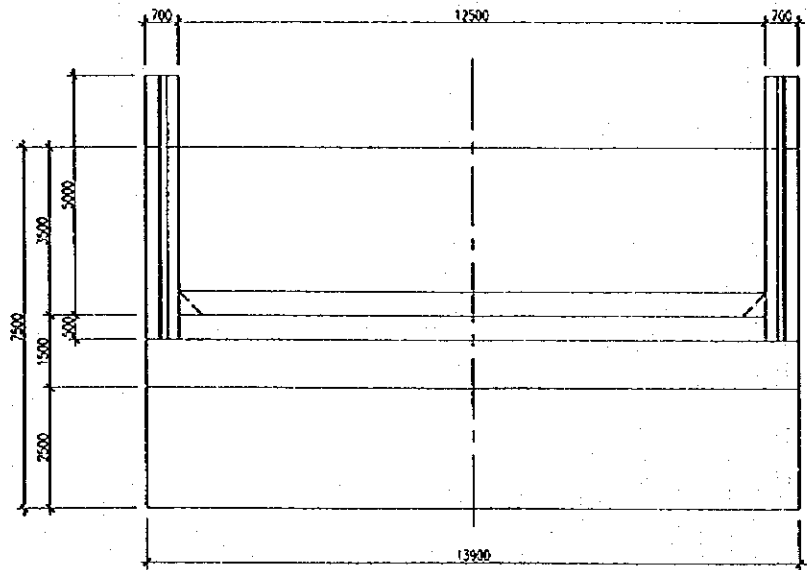
FRONT ELEVATION
SCALE 1:75



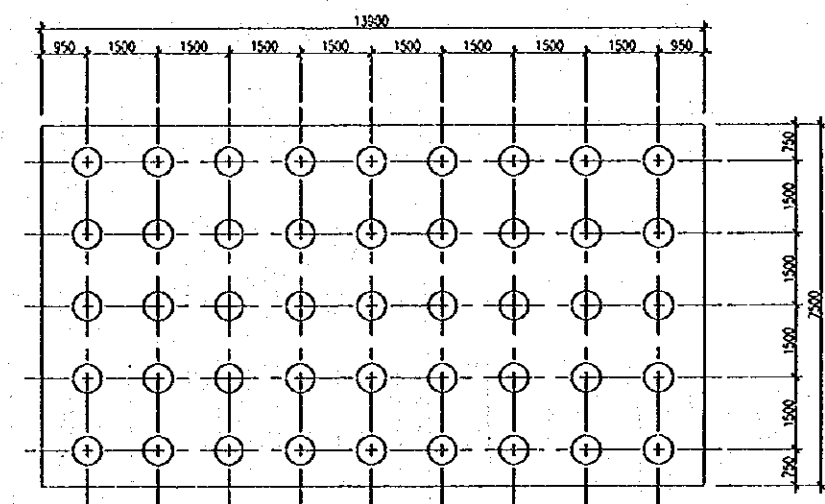
SIDE ELEVATION
SCALE 1:75



DETAIL 'X'
SCALE 1:75



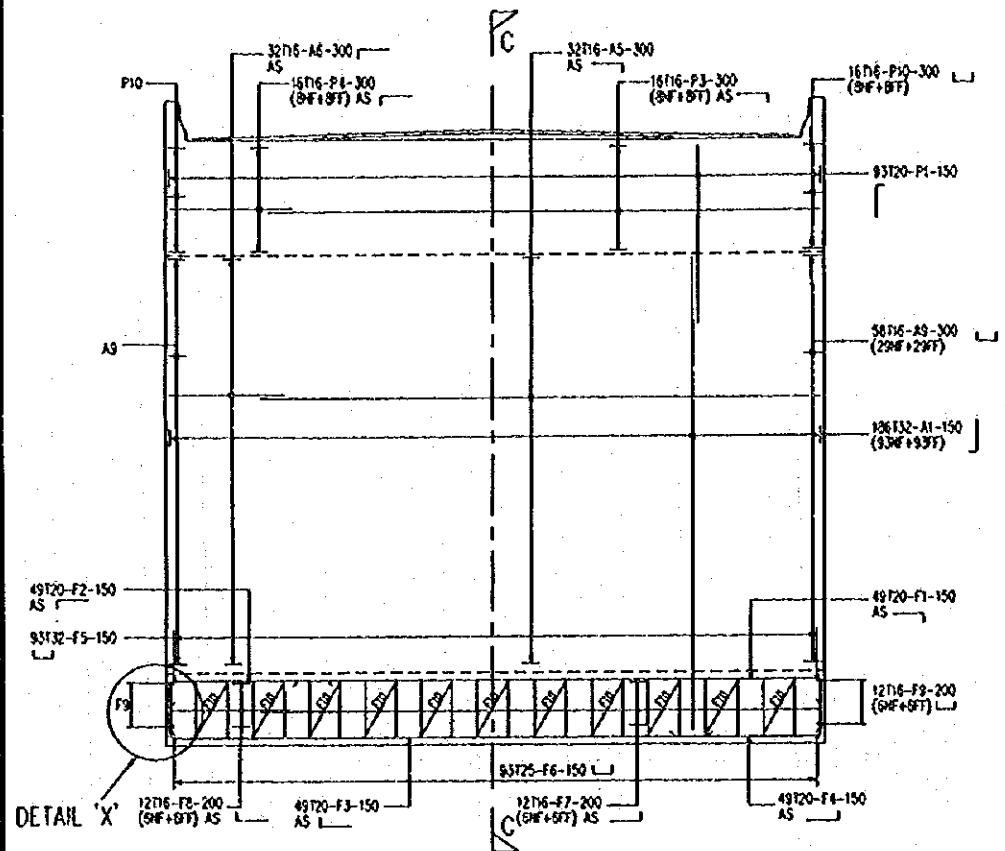
PLAN
SCALE 1:75



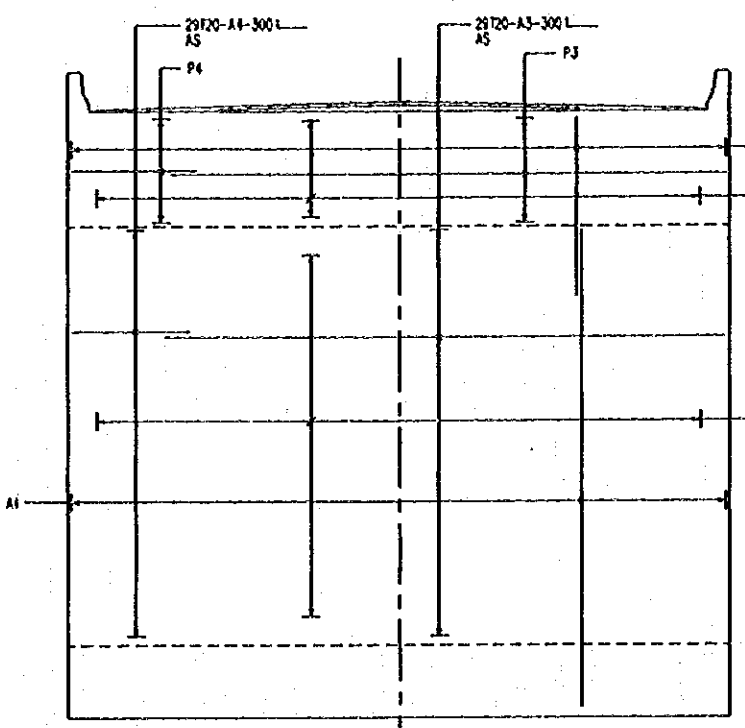
PILE ARRANGEMENT
SCALE 1:75

Ø500mm PC PRECAST SPUN PILE
(45 NOS. L=30000mm)

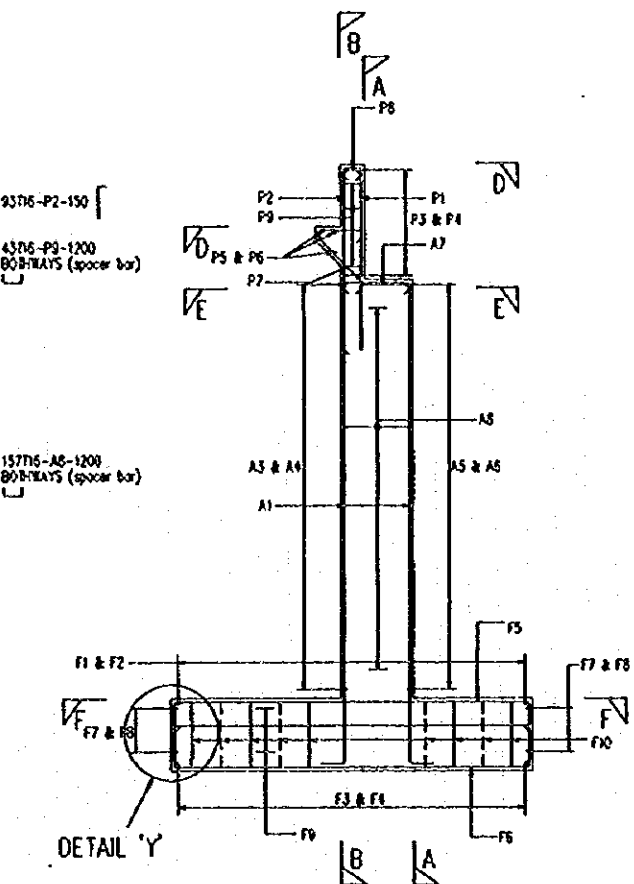
Teran	Bu'ran	Rujukan	UNIT JAMBATAN	PENGARAH JALAN	 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKABENTUK:	JURUTERA PENGUASA KANAN	
			DILUKS:	PENDONG PENGARAH KAYAN (A)	ABUTMENT - GENERAL VIEW TARikh: BL LUGSAN:
			DILUKUSKAN: PENOLONG PENGARAH (A)		
	PINDAAN		U'URAN		



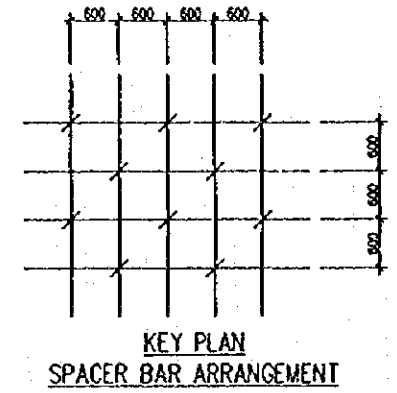
SECTION A - A
SCALE 1:25



SECTION B - B
SCALE 1:25

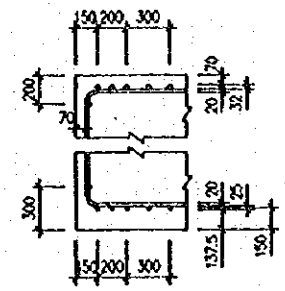
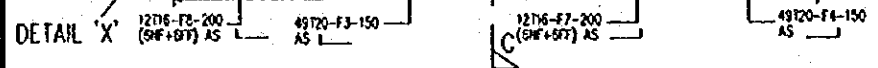


SECTION C - C
SCALE 1:25

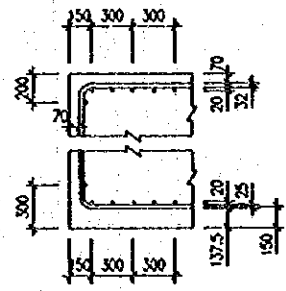


LEGEND:
 11 T 32-B1-125
 SPACING OF BAR
 BAR MARK
 B = BEAM
 P = PILE
 F = FOOTING
 SIZE OF BAR
 TYPE OF BAR
 T = HIGH YIELD
 R = MILD STEEL
 NO. OF BAR

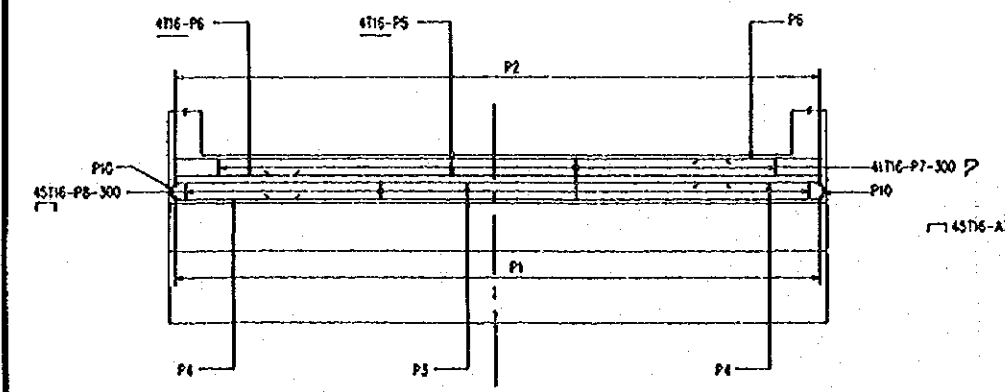
AS = ALTERNATELY STAGGERED
 LY = LENGTH YARDS
 NF = NEAR FACE
 FF = FAR FACE



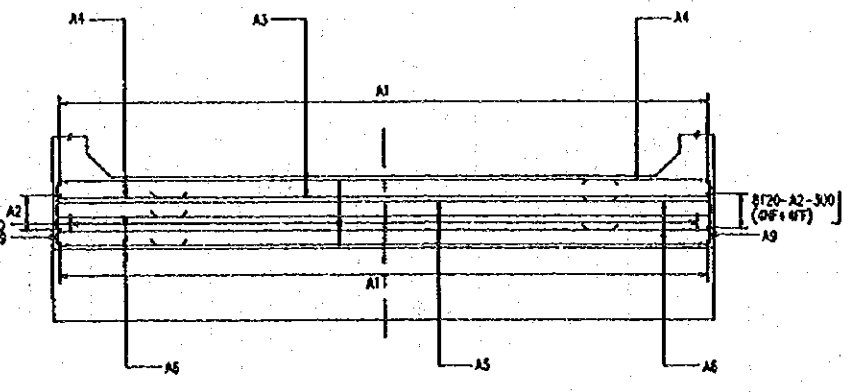
DETAIL 'X'
SCALE 1:25



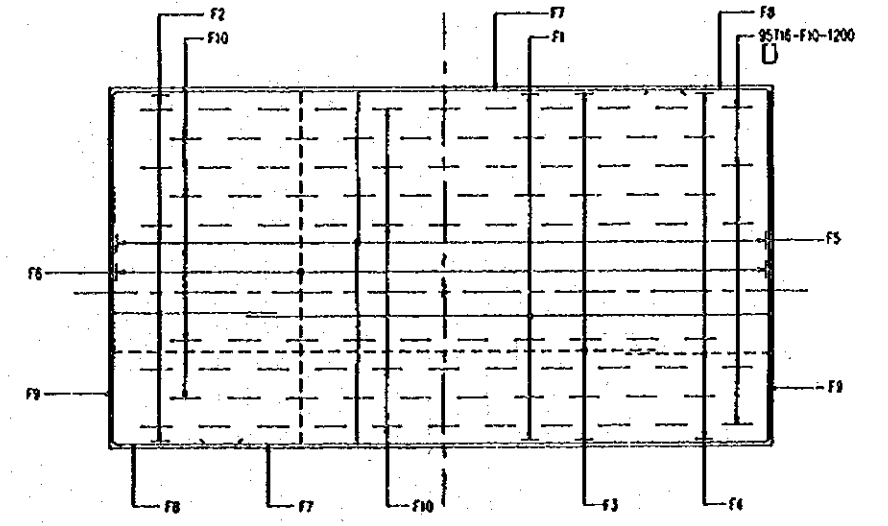
DETAIL 'Y'
SCALE 1:25



SECTION D - D
SCALE 1:25

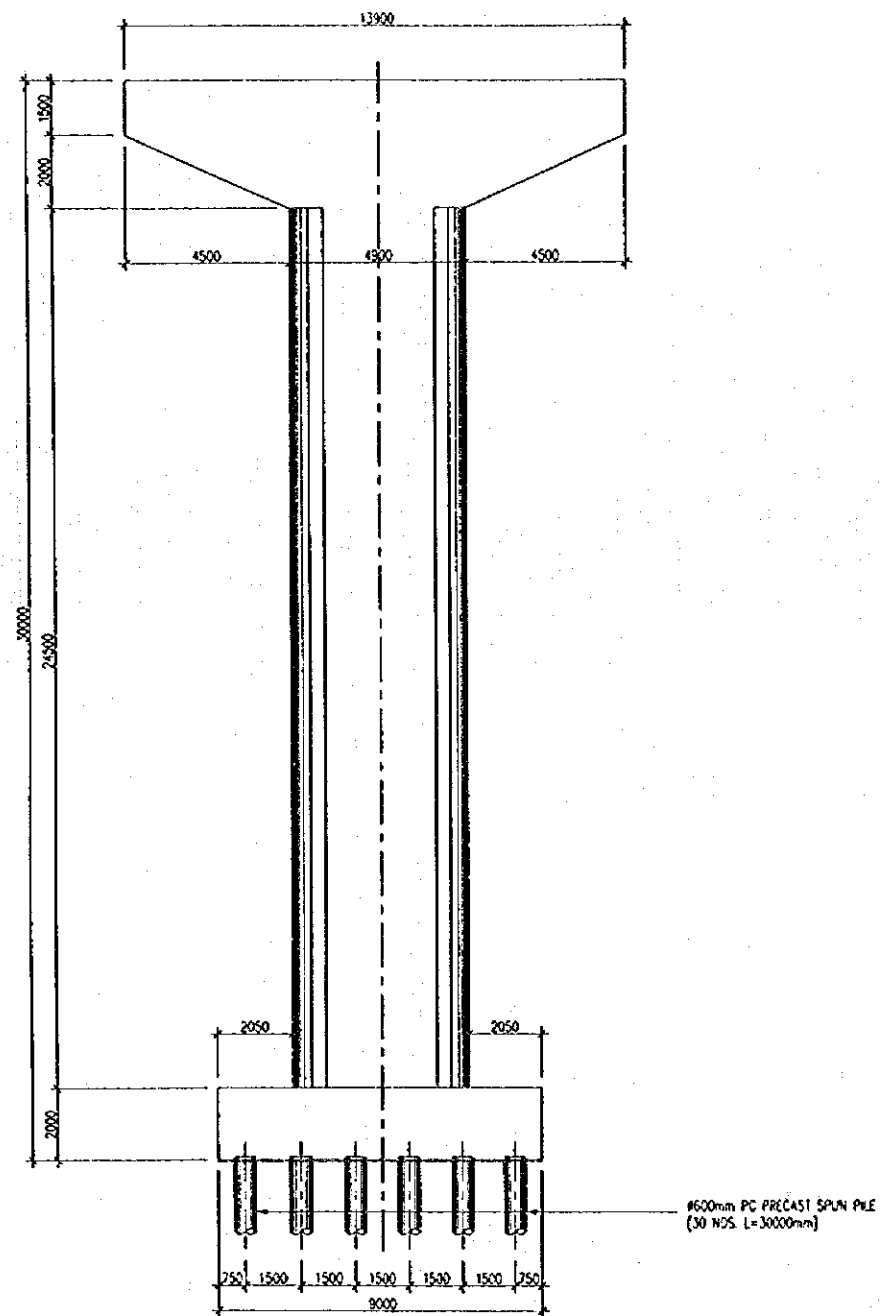


SECTION E - E
SCALE 1:25

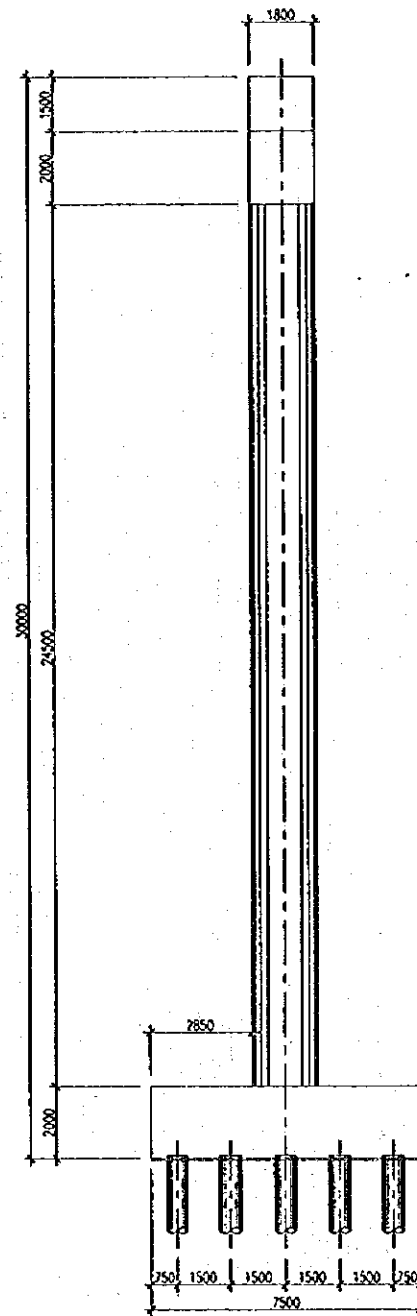


SECTION F - F
SCALE 1:25

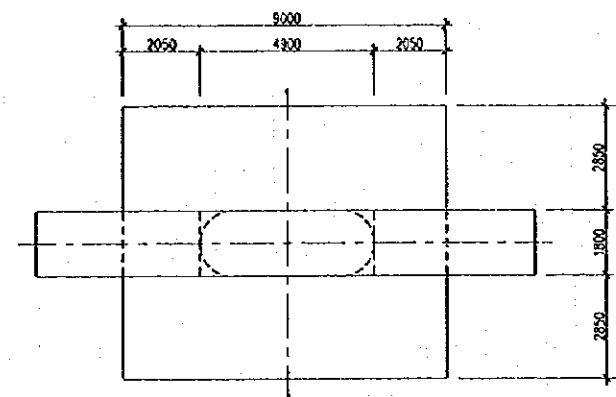
Tajuk	Bulatan	Rujukan	UNIT JAMBATAN		PONGRAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKTOR	INSPEKTOR		
PINDAAN	URUPAN		DILUKUS: GOSMAK		PONGRAH JALAN KAJIAN (A)	ABUTMENT - REINFORCEMENT
			DILUKUSKAN PONGRAH JALAN (A)			



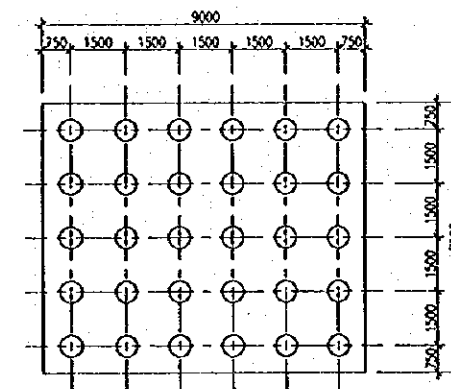
FRONT ELEVATION
SCALE 1 : 100



SIDE ELEVATION
SCALE 1 : 100

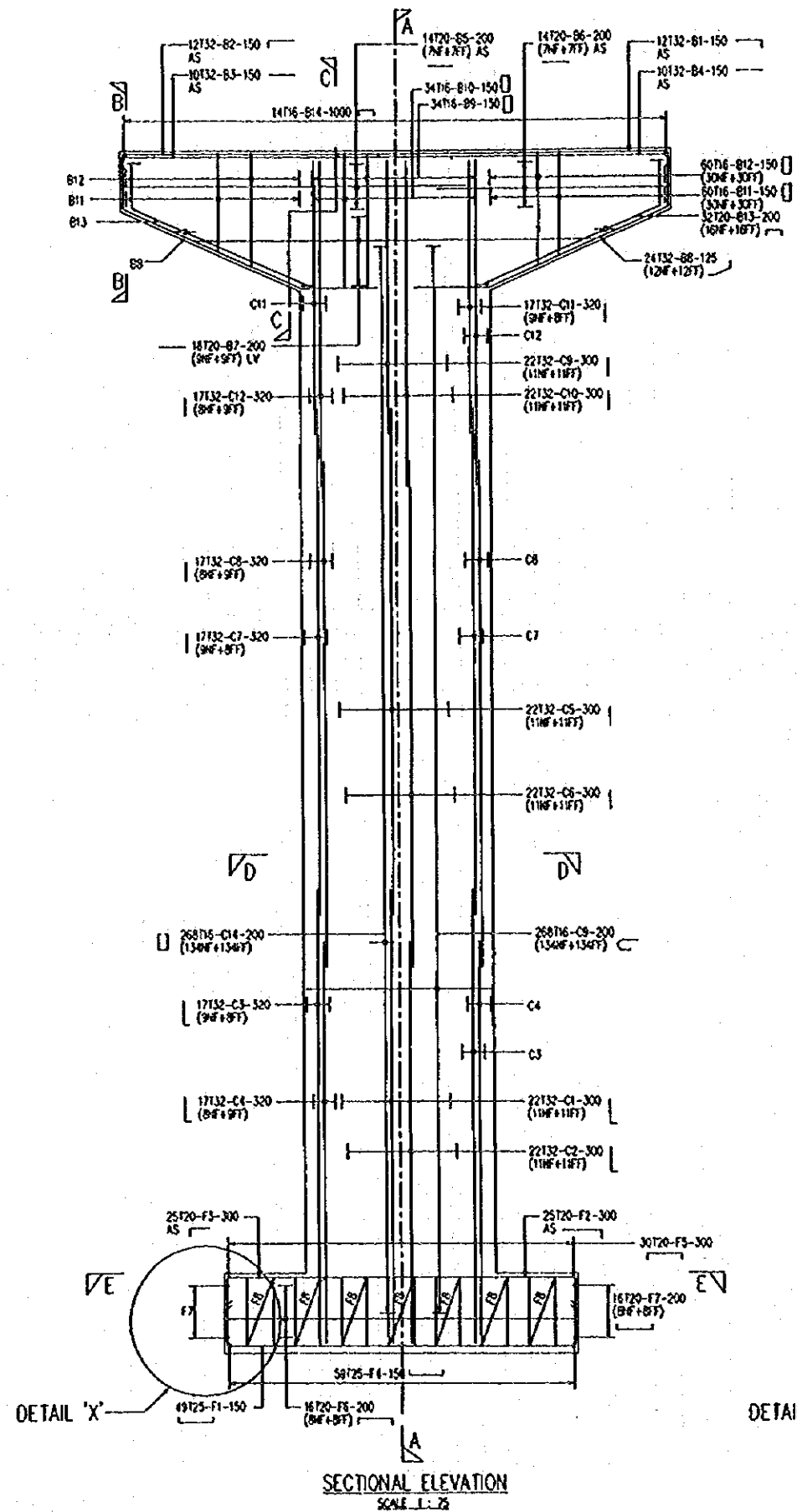


PLAN
SCALE 1 : 100

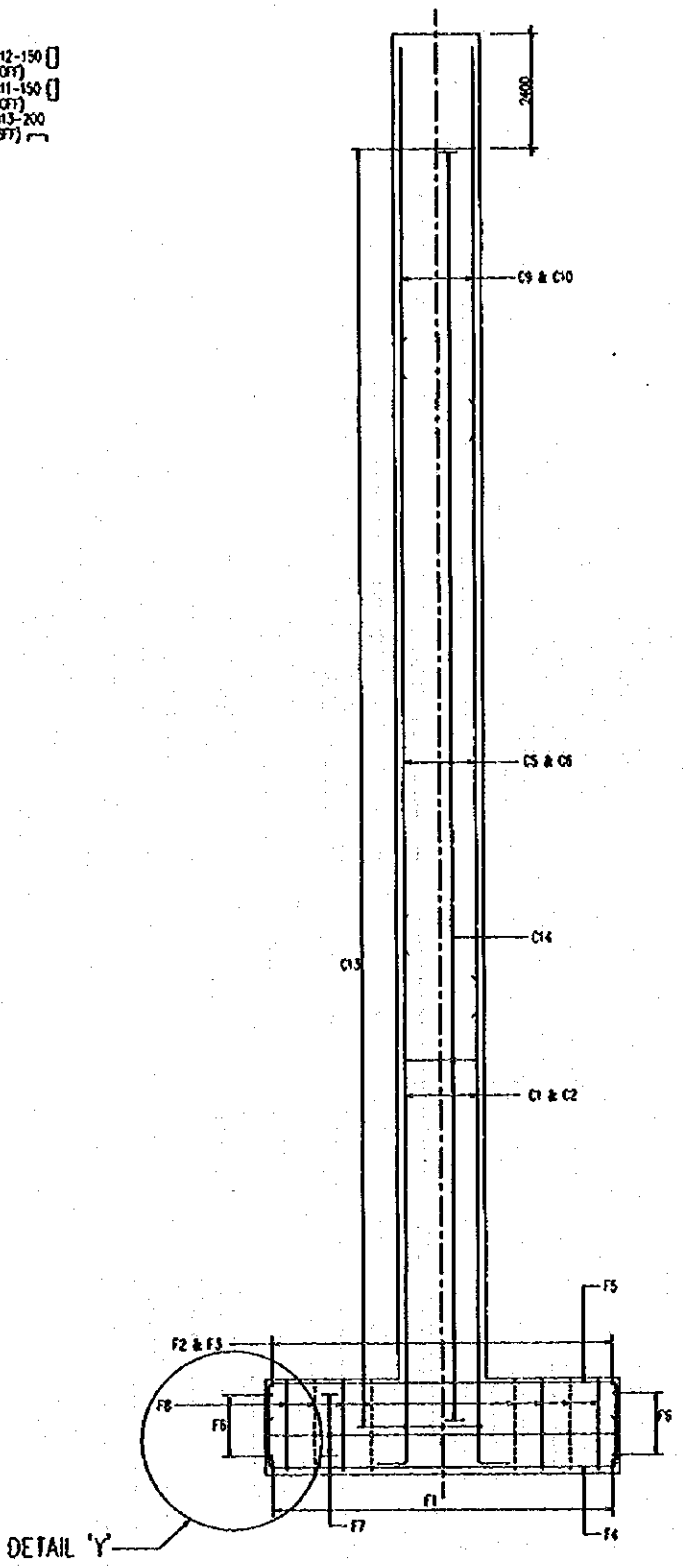


PILE ARRANGEMENT
SCALE 1 : 100

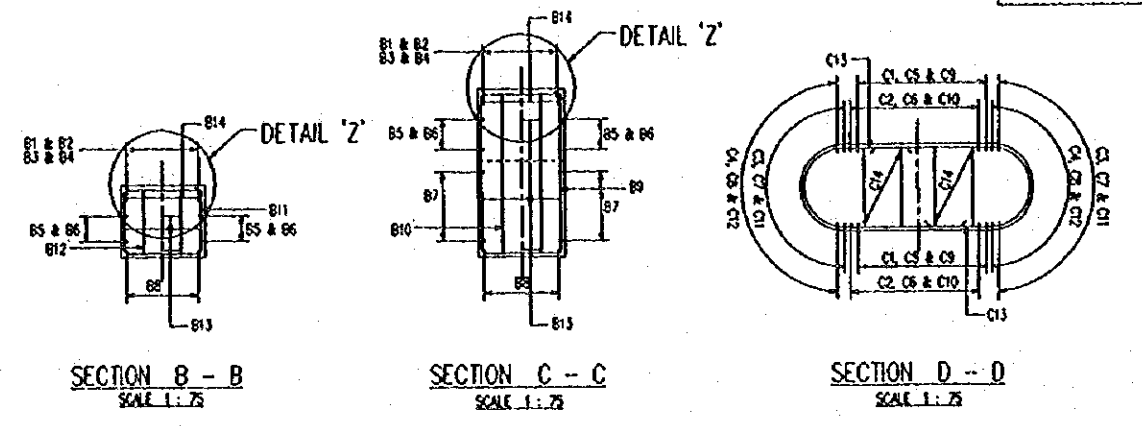
Tarikh	Butiran		Rujukan	UNIT JAMBATAN		PENGARAH JALAN		JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
				DIREKASENTUK:		JURUTERA PENJAJA KANAN		
				DILURUS:		PENYOLONG PENGARAH KANAN (A)		PIER TYPE T - GENERAL VIEW
	PINDAAN		IMURAN	DILULUSKAN: PENYOLONG PENGARAH (A)		TARIKH:		REVISI:



SECTIONAL ELEVATION
SCALE 1:25



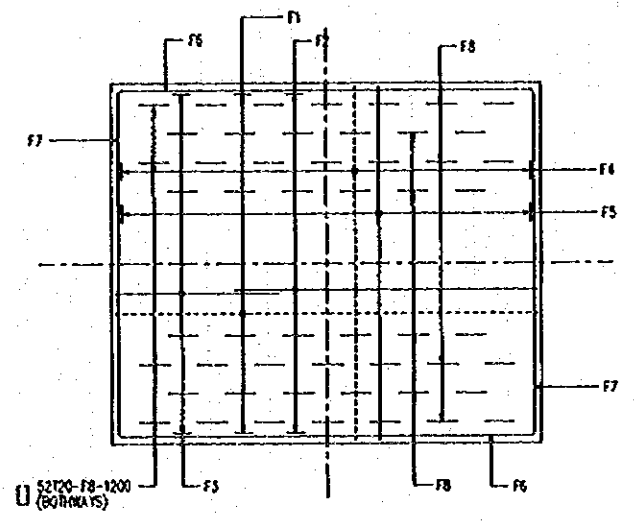
SECTION A - A
SCALE 1:25



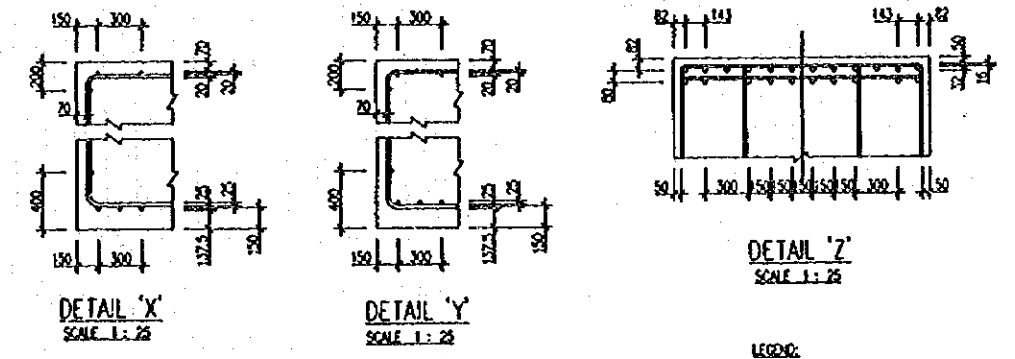
SECTION B - B
SCALE 1:25

SECTION C - C
SCALE 1:25

SECTION D - D
SCALE 1:25



SECTION E - E
SCALE 1:25



DETAIL 'X'
SCALE 1:25

DETAIL 'Y'
SCALE 1:25

DETAIL 'Z'
SCALE 1:25

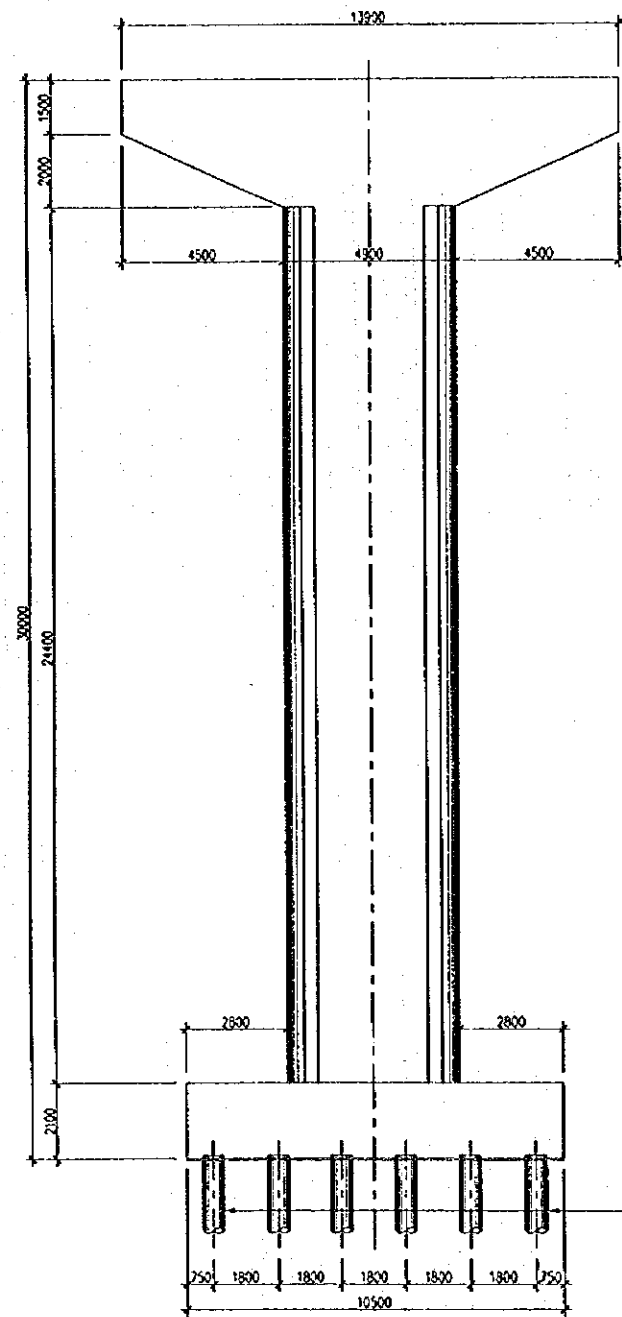
LEGEND:

- 14 T 32-B1-125
- SPACING OF BAR
- BAR MARK
- B = BEAM
- C = COLUMN
- F = FOOTING
- SIZE OF BAR
- TYPE OF BAR
- T = HIGH YIELD
- R = MILD STEEL
- NO. OF BAR

AS = ALTERNATELY STAGGERED
LV = LENGTH VARIES
NF = NEAR FACE
FF = FAR FACE

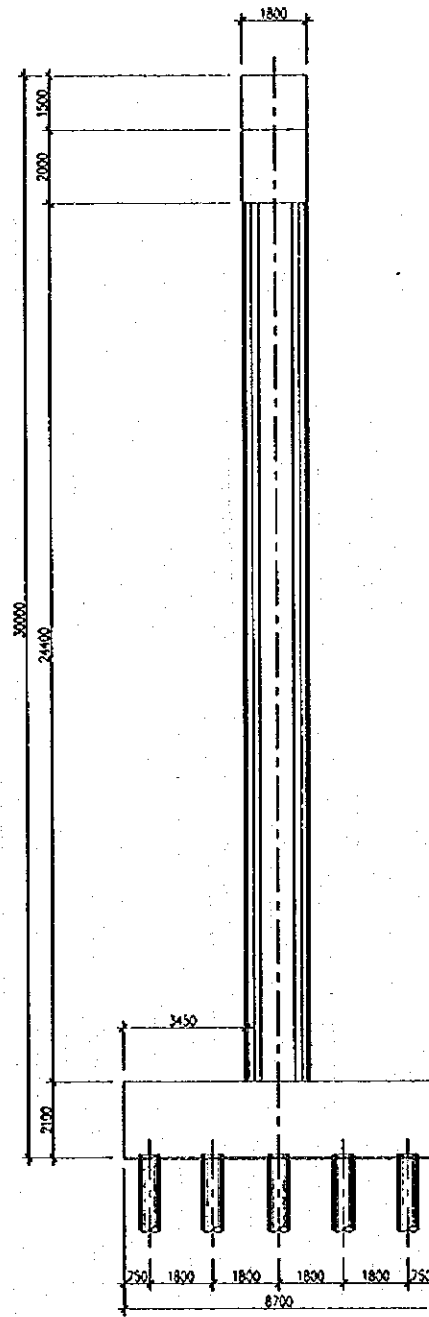
KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

Tarik	Bulan	Rujukan	UNIT JAMBATAN	POHONG JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKTOR:		
			DUAJUS:	JURUTERA PENGUASA KAWAN	
			DURUSKAN POKOKONG PONGKOH (A)	PONGKOH PONGKOH KAWAN (B)	T-Beam - REINFORCEMENT
					TARIK:
					LUKUSAN:

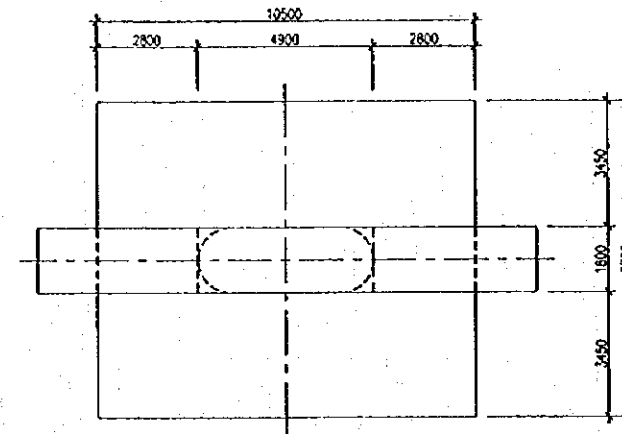


FRONT ELEVATION
SCALE 1 : 100

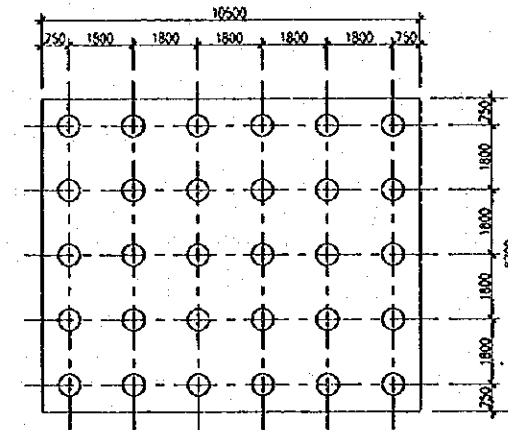
Ø500mm PC PRECAST SPUN PILE
(30 NOS. L=48000mm)



SIDE ELEVATION
SCALE 1 : 100

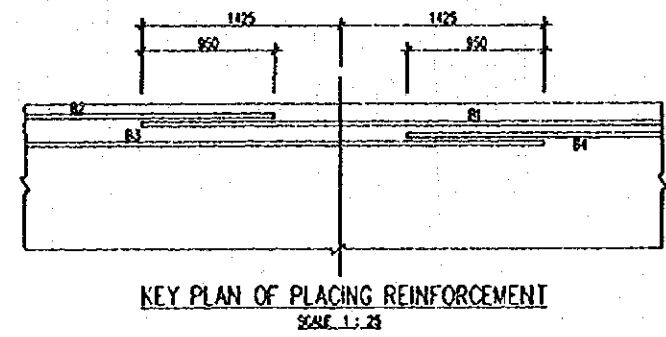
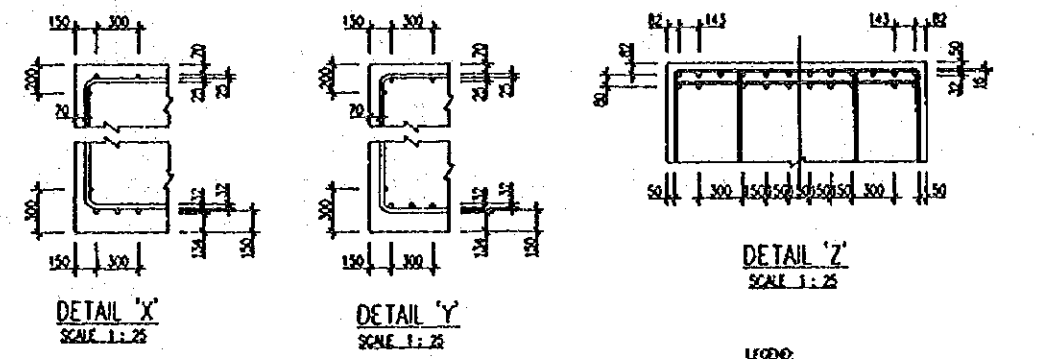
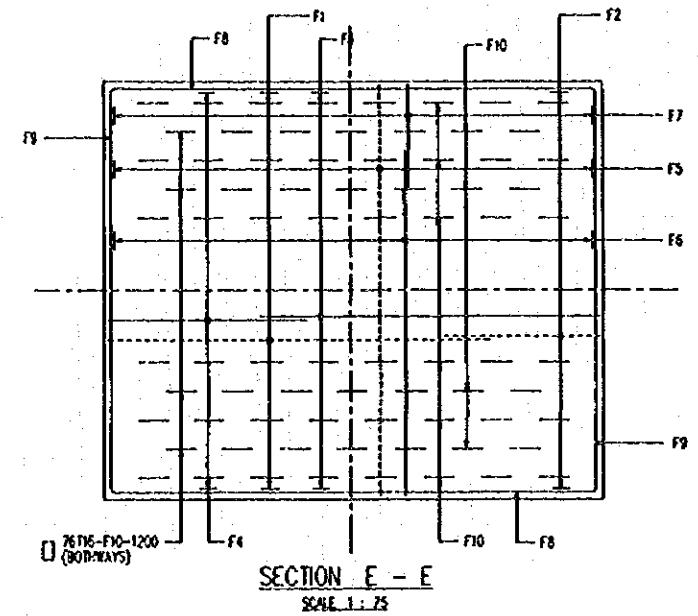
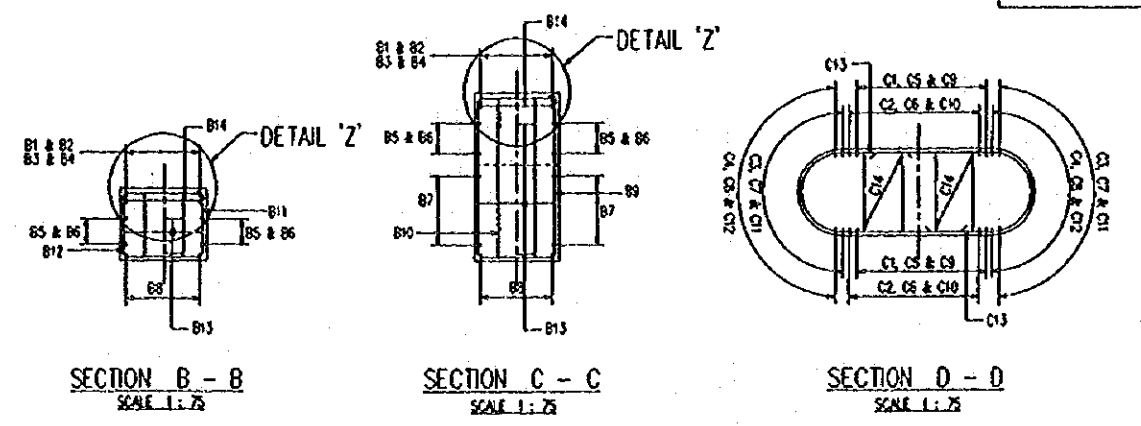
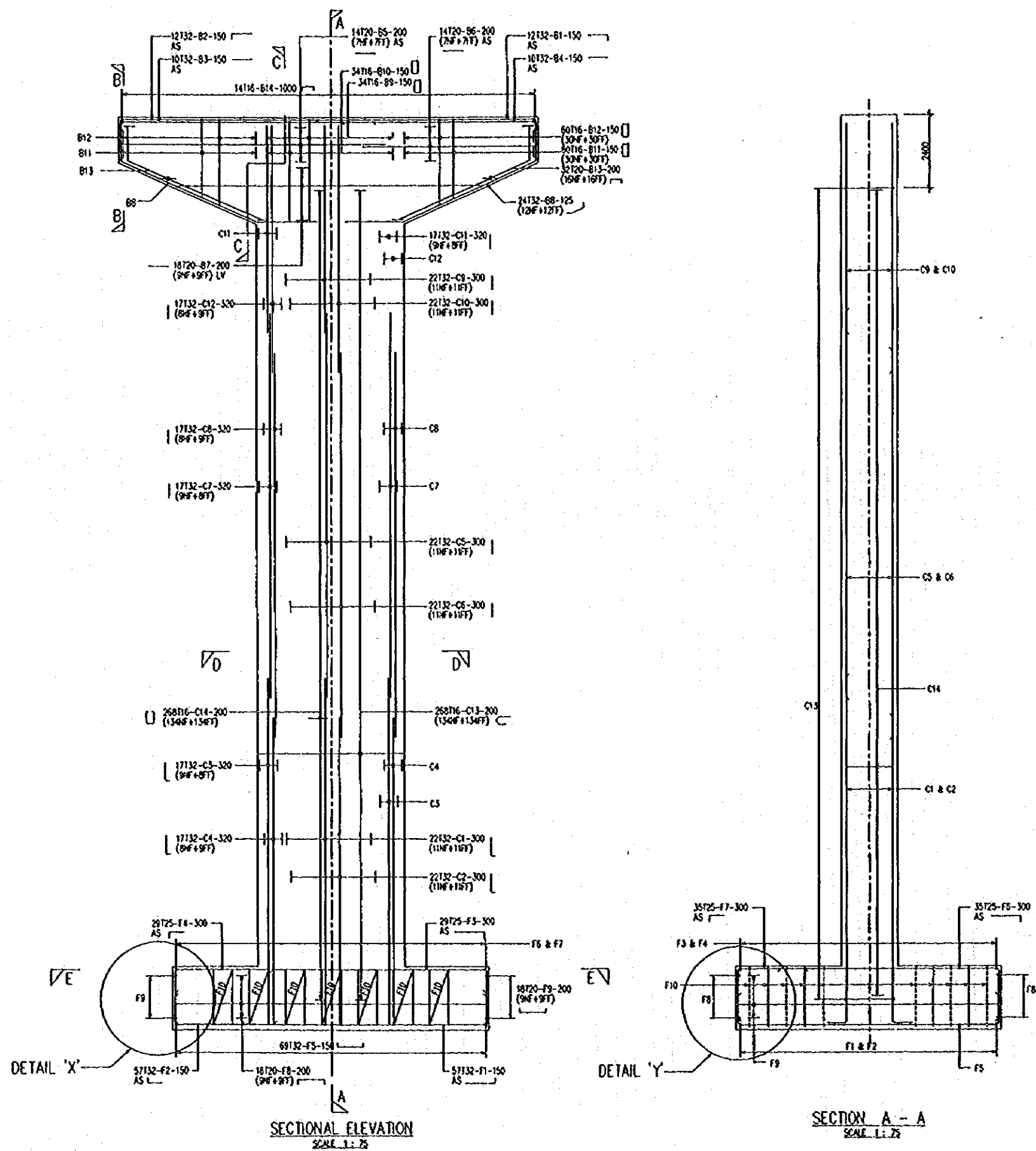


PLAN
SCALE 1 : 100



PILE ARRANGEMENT
SCALE 1 : 100

Torah	Buliran	Rujukan	UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKABENTUK	JURUTERA PENJAJASA KANAN	PIER TYPE T - GENERAL VIEW
			DILUKIS	DISEMAK	
			DILULUSKAN: PENOLONG PENGARAH (JI)	PENOLONG PENGARAH KANAN (J)	
	PINDAAN	UKURAN		TARIKH	BIL. LUKISAN

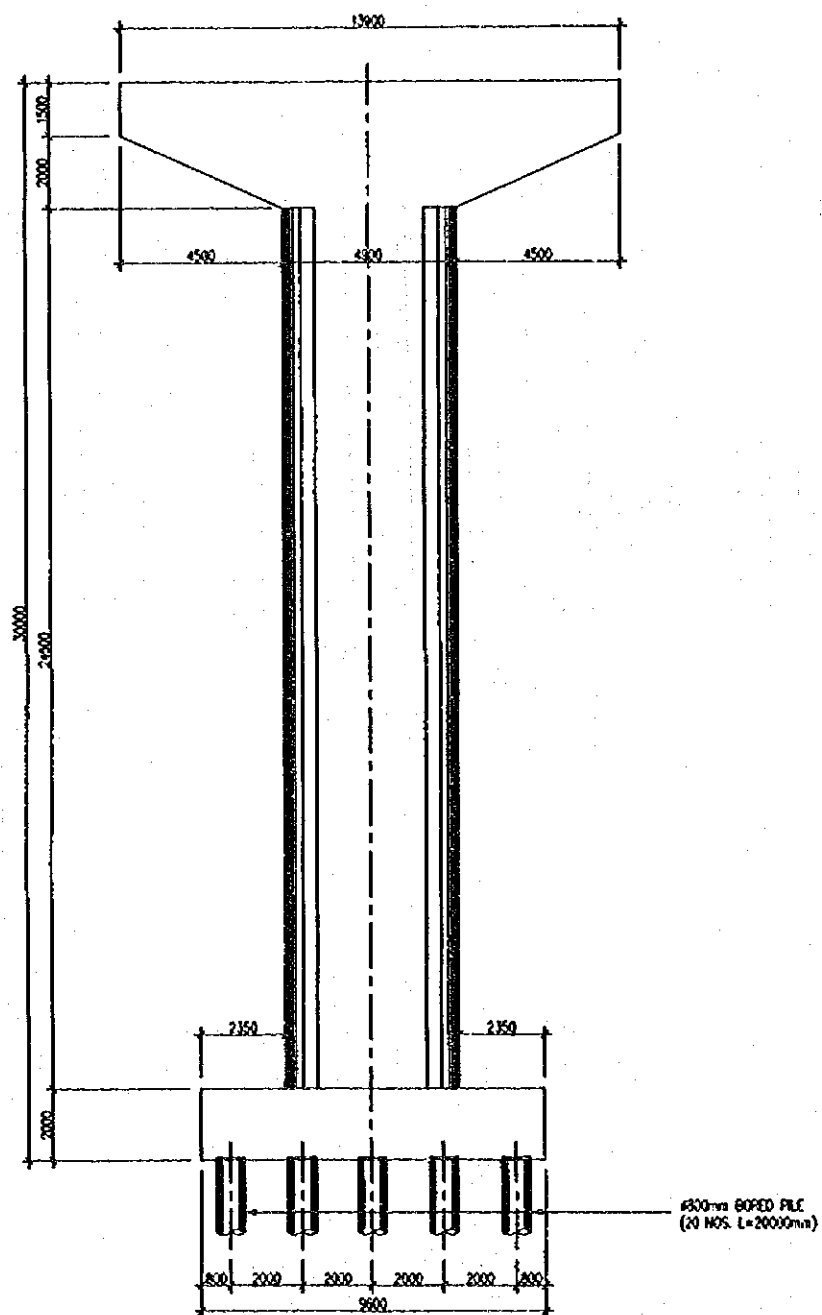


LEGEND:

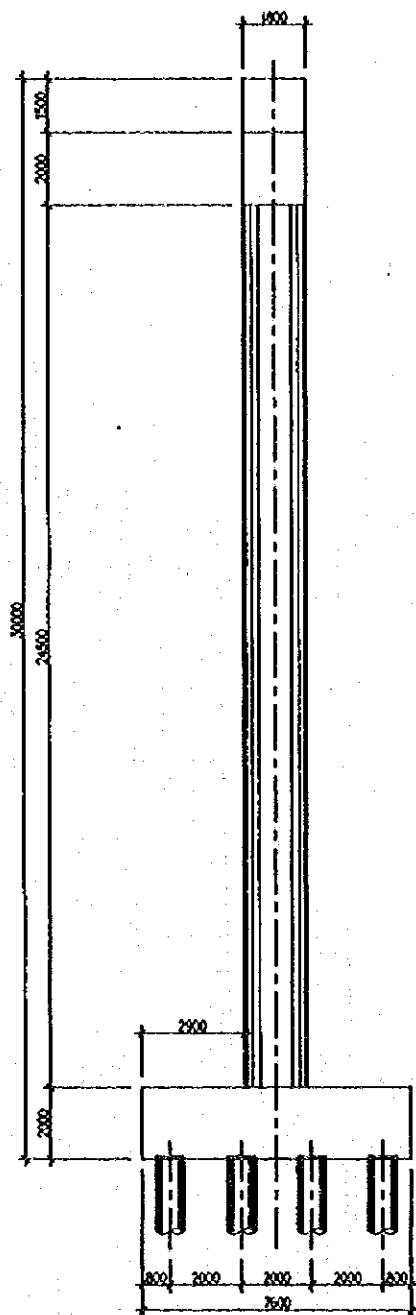
- 14132-B1-125
- SPACING OF BAR
- BAR MARK
- BEAM
- COLUMN
- FOOTING
- SIZE OF BAR
- TYPE OF BAR
- 1101 YIELD
- 1102 WILD STEEL
- NO. OF BAR

AS = ALTERNATELY STAGGERED
 LV = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE

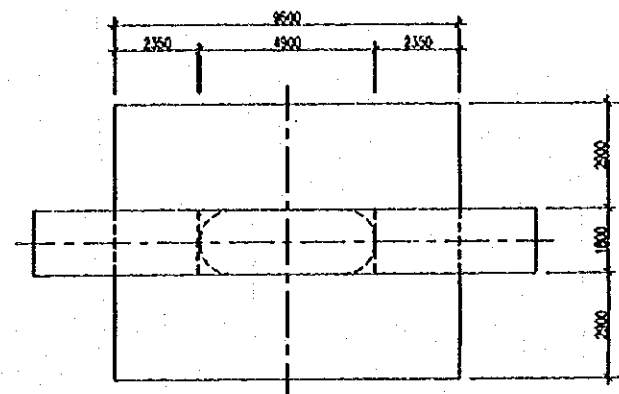
For: 33	Du/ran	Ru/kan	UNIT JAMBATAN	PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DROGASONTUK:	JARUYERA PENOLUSA KAYAN	
			DALUOS:	DSDMAK:	
			DALUUSKARE PENGONG PENGARAH (R)	PENGONG PENGARAH KAKAN (S)	T-Beam -- REINFORCEMENT
					TAROKH: RUKAS



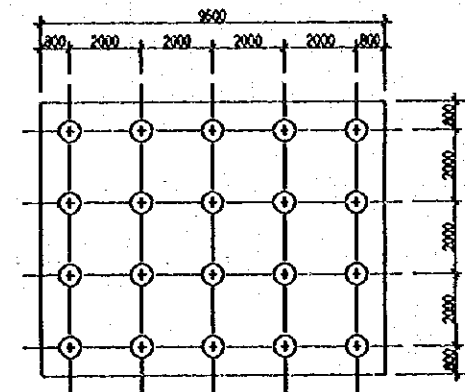
FRONT ELEVATION
SCALE 1:100



SIDE ELEVATION
SCALE 1:100

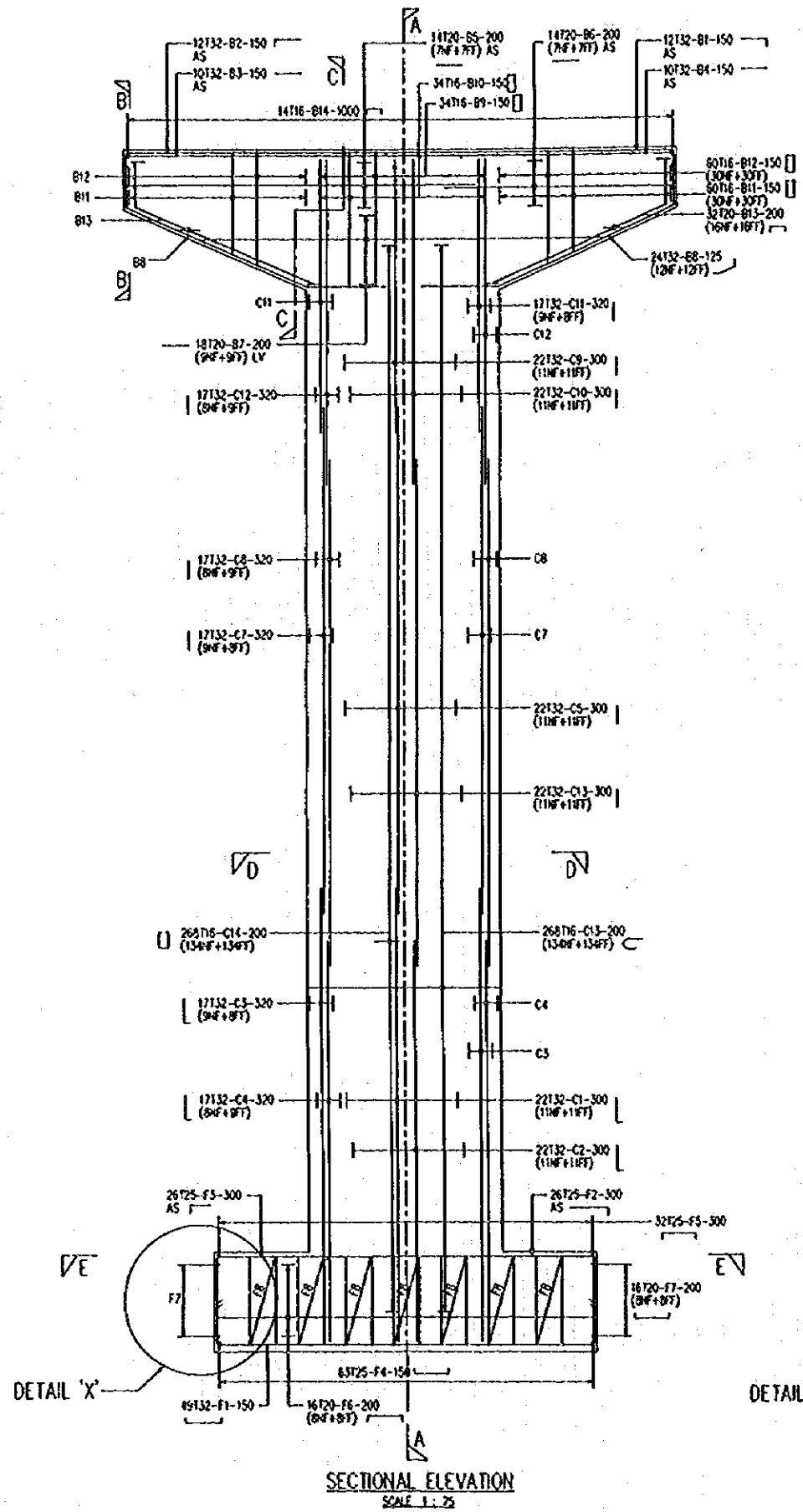


PLAN
SCALE 1:100

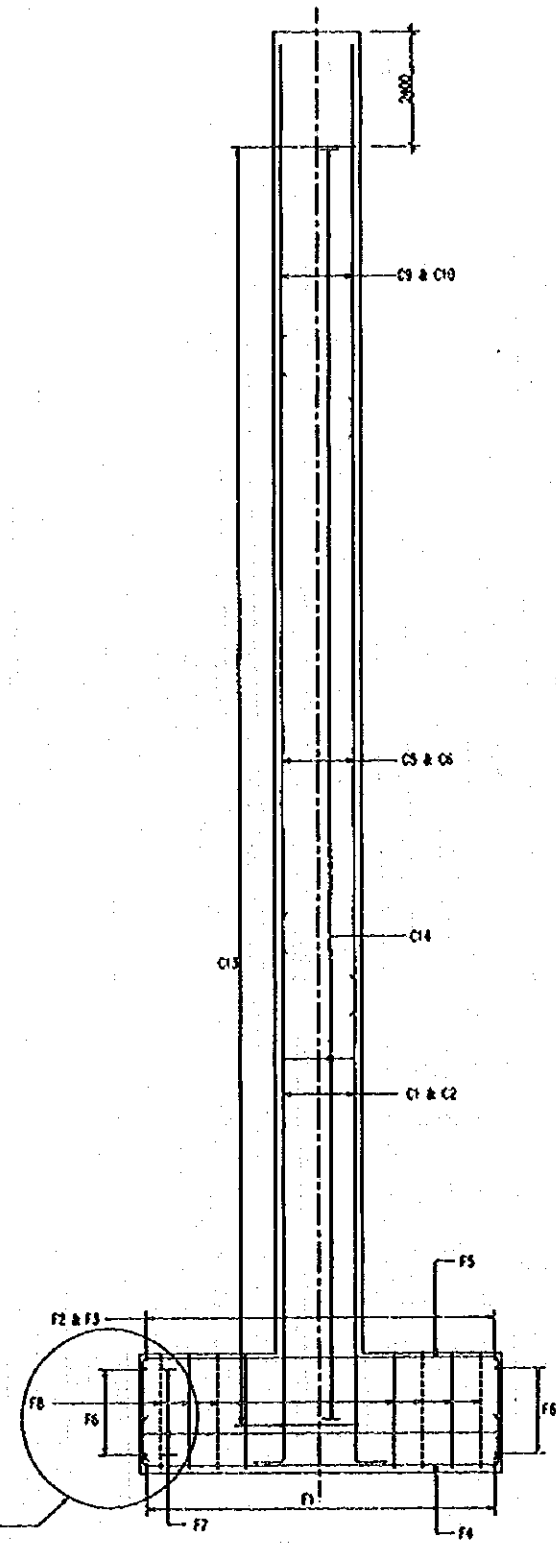


PILE ARRANGEMENT
SCALE 1:100

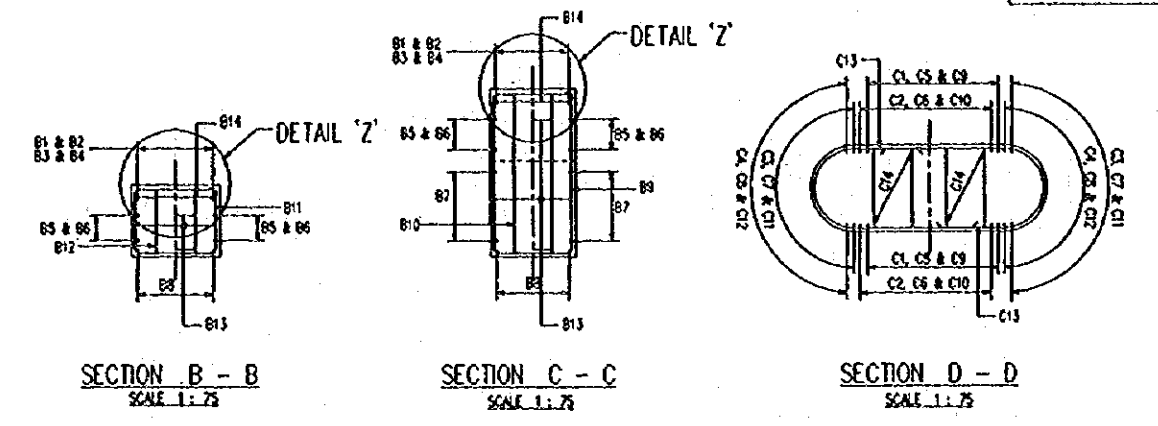
Forth	Buloh	Rujian		UNIT JAMBATAN	PONJARAN JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
				DIREKTORIAH:		
				DILUKUS:	JURUTERA PENJAJASA KAWAN	
				DIREKTORAT PENOLONG PONGARAH (A)	PENOLONG PONGARAH KAWAN (J)	PIER TYPE T - GENERAL VIEW
					TARIKH:	LOKASIAN:



SECTIONAL ELEVATION
SCALE 1:25



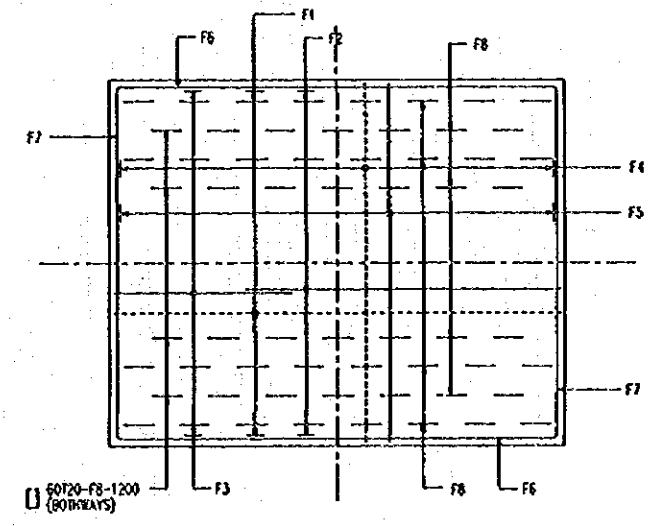
SECTION A - A
SCALE 1:25



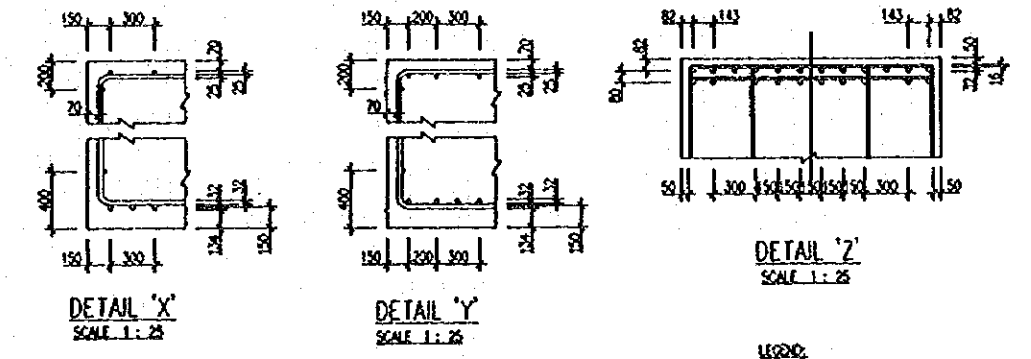
SECTION B - B
SCALE 1:25

SECTION C - C
SCALE 1:25

SECTION D - D
SCALE 1:25



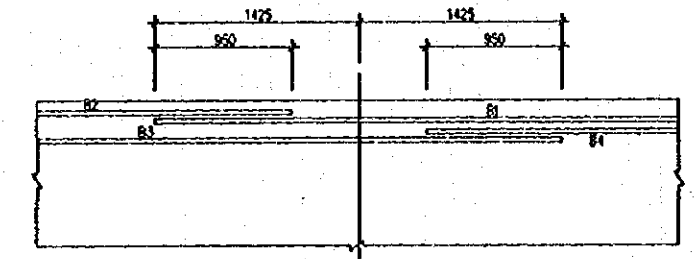
SECTION E - E
SCALE 1:25



DETAIL 'X'
SCALE 1:25

DETAIL 'Y'
SCALE 1:25

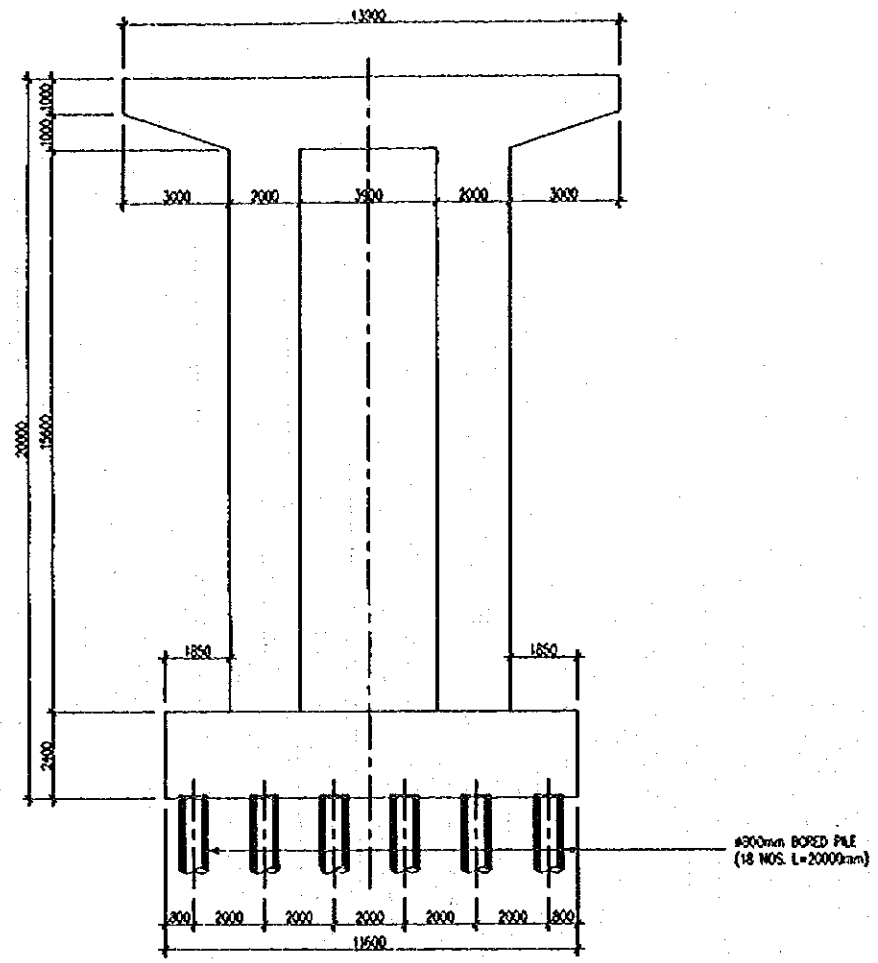
DETAIL 'Z'
SCALE 1:25



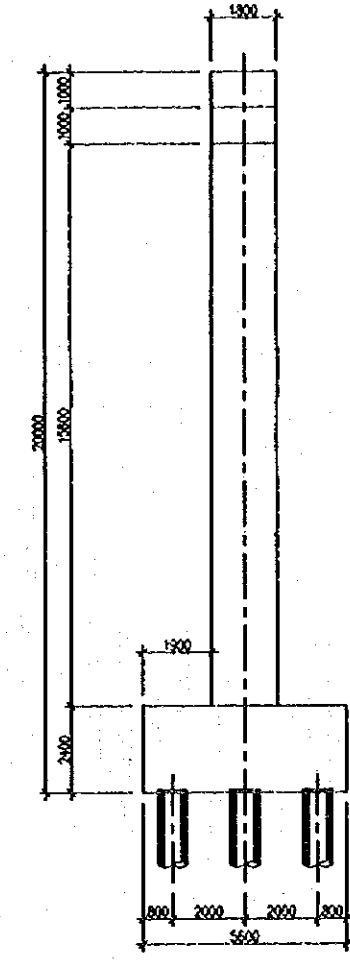
KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

LEGEND:
 14732-B1-125
 SPACING OF BAR
 BAR MARK
 B = BEAM
 C = COLUMN
 F = FOOTING
 SIZE OF BAR
 TYPE OF BAR
 T = HIGH YIELD
 R = MILD STEEL
 NO. OF BAR
 AS = ALTERNATELY STAGGERED
 LV = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE

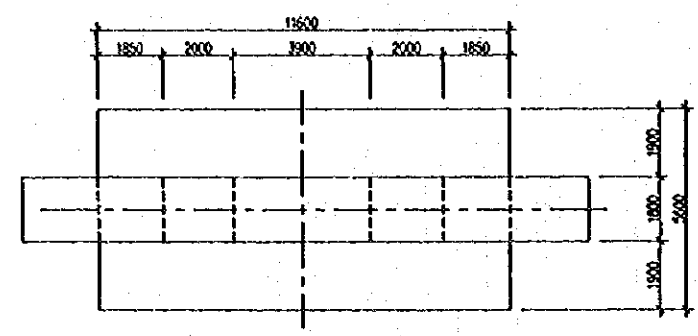
Terdah		Buatiran		Rujukan		UNIT JAMBATAN		PENGARAH JALAN		JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN	
						DIPROBANTUK:		JURUTERA PEROKUSA KAWAN		T-BEAM - REINFORCEMENT	
						DILURUS:		PONDONG PONDONG KAWAN (J)		TARIKH	
						DILULUSKAN PONDONG PONDONG (A)				LUPUSAN	
PONDOKAN				LURAN							



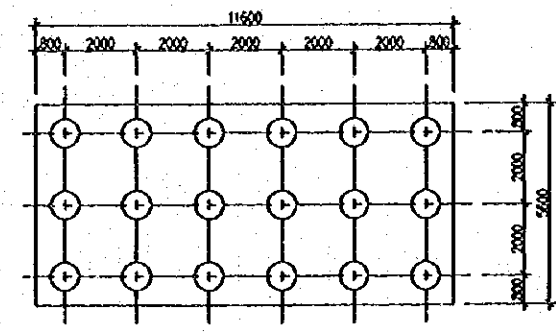
FRONT ELEVATION
SCALE 1:100



SIDE ELEVATION
SCALE 1:100



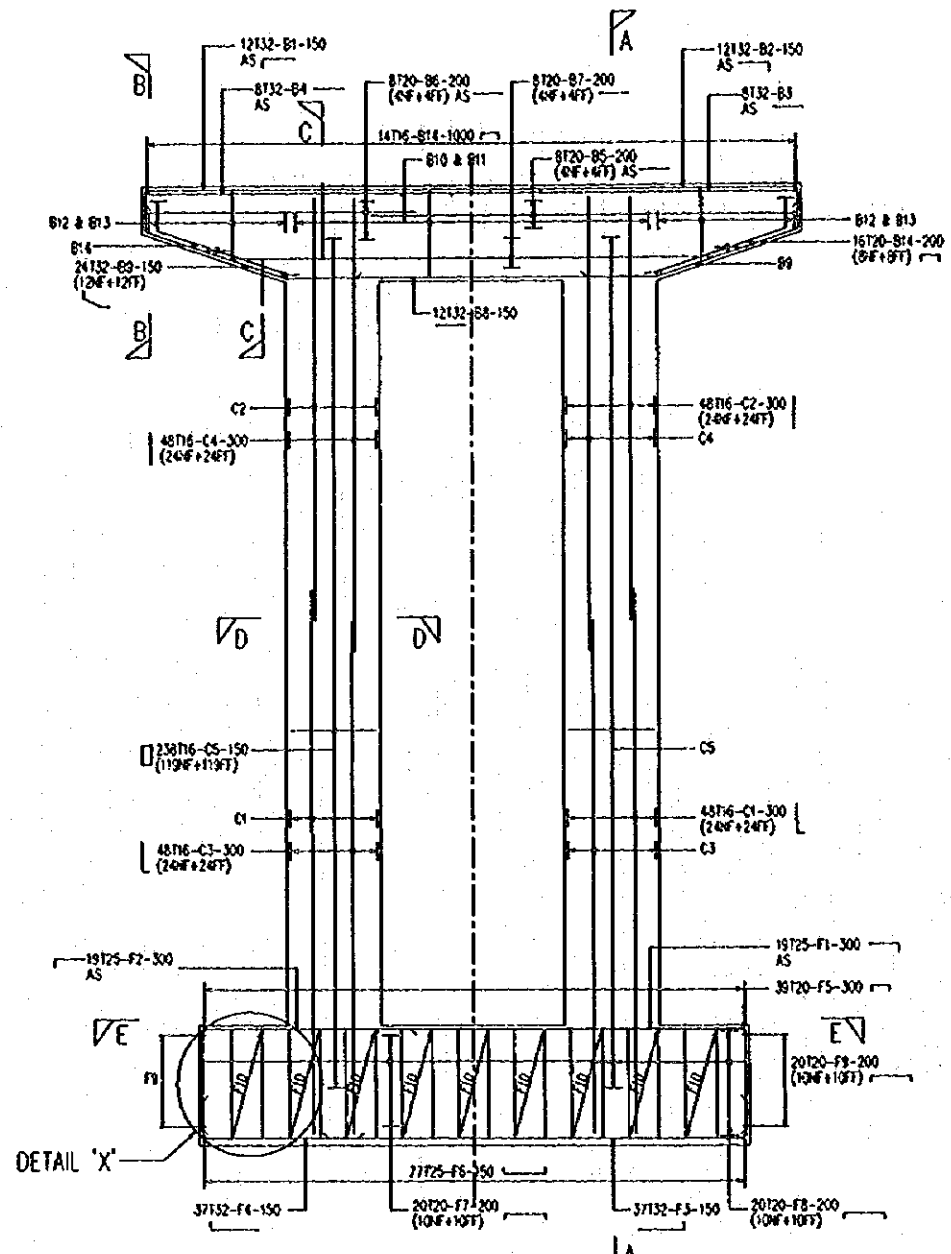
PLAN
SCALE 1:100



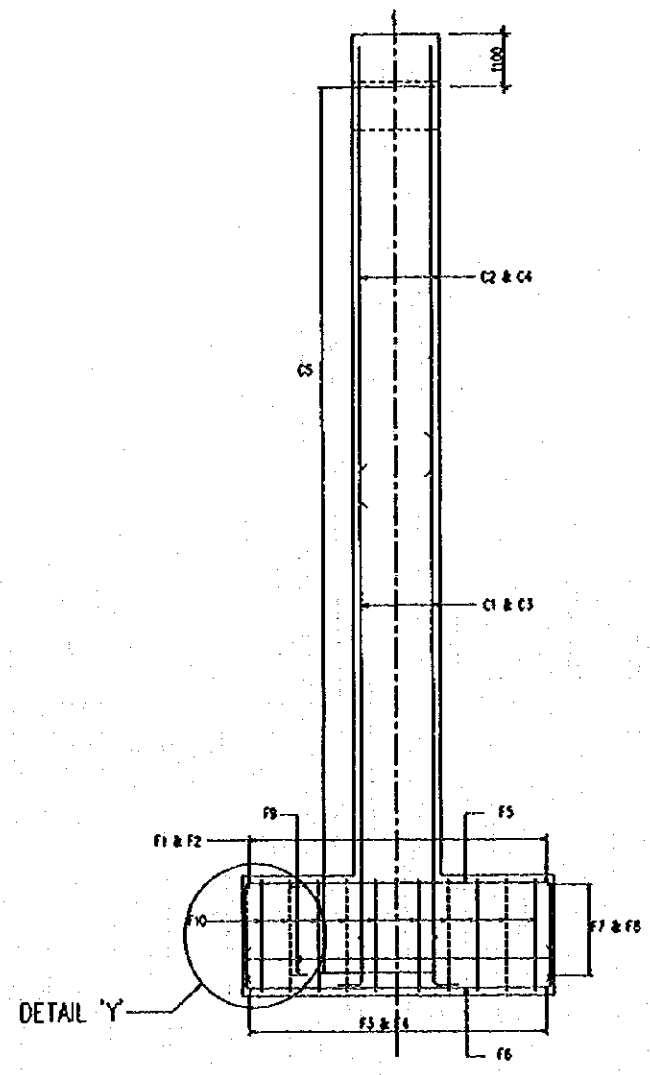
PILE ARRANGEMENT
SCALE 1:100

Tarikh	Uraian	Rujukan	UNIT JAMBATAN		PONCARAN JALAN	 JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKABENTUK:		JURUJERA PENJAJASA KANAN	
			DILUKIS:	DISEMAK:		MULTIPLE COLUMN - GENERAL VIEW TAPAK:
			DILUKISKARE POKKONG PONGARAH (A)		PONCANG PONGARAH KANAN (A)	

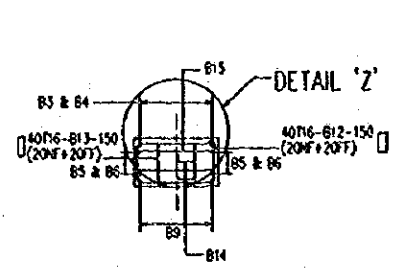
(S.A. 10/10) 10. 10



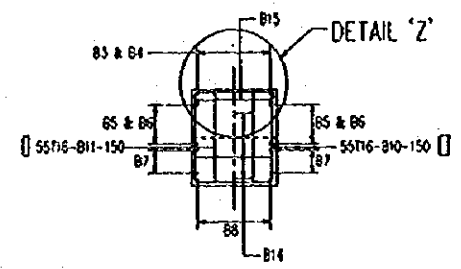
SECTIONAL ELEVATION
SCALE 1:25



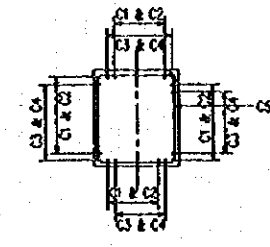
SECTION A - A
SCALE 1:25



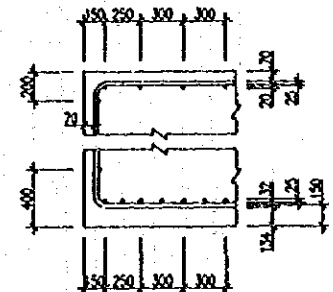
SECTION B - B
SCALE 1:25



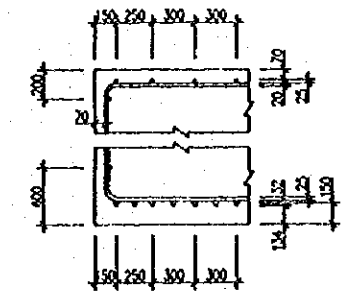
SECTION C - C
SCALE 1:25



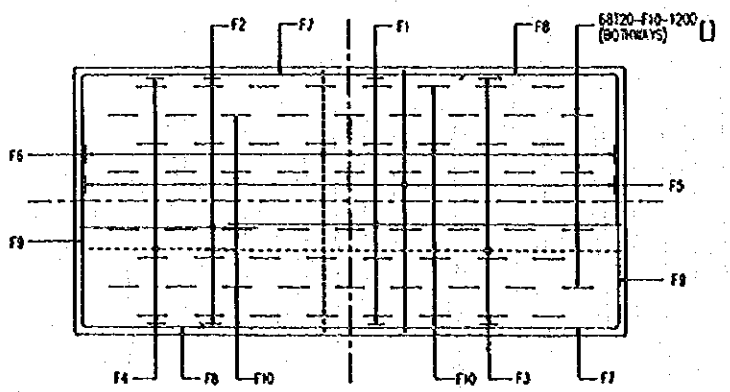
SECTION D - D
SCALE 1:25



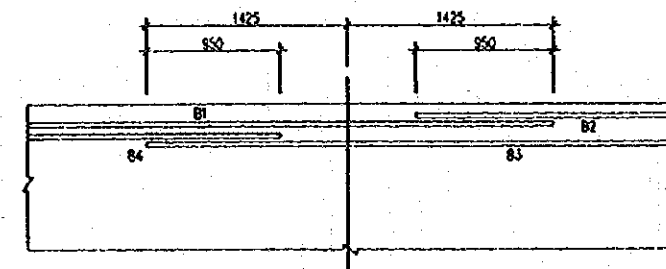
DETAIL 'X'
SCALE 1:25



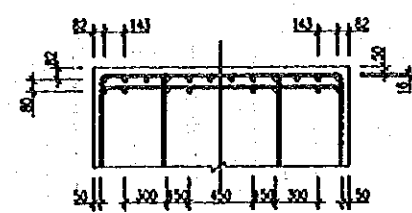
DETAIL 'Y'
SCALE 1:25



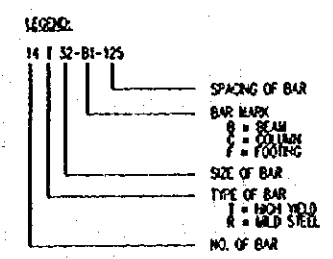
SECTION E - E
SCALE 1:25



KEY PLAN OF PLACING REINFORCEMENT
SCALE 1:25

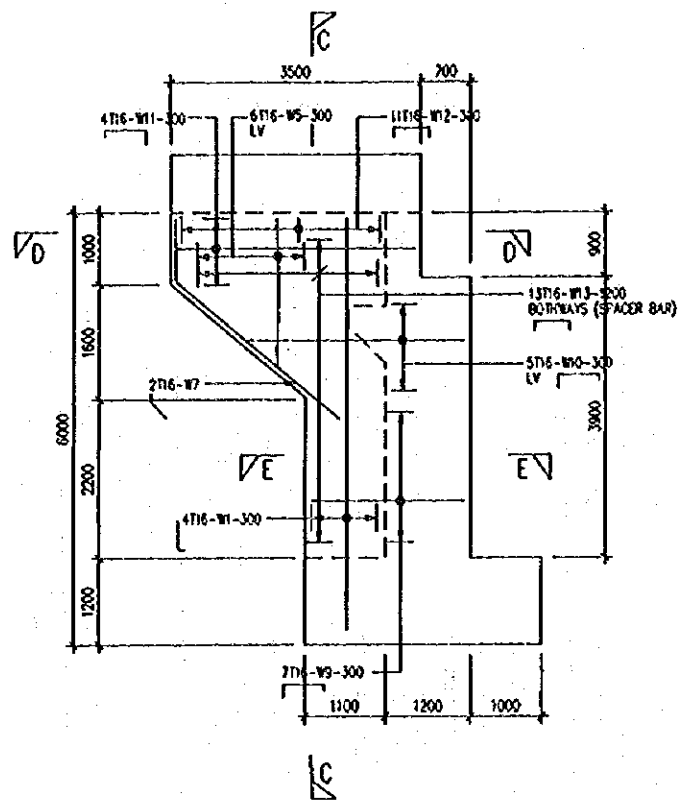


DETAIL 'Z'
SCALE 1:25

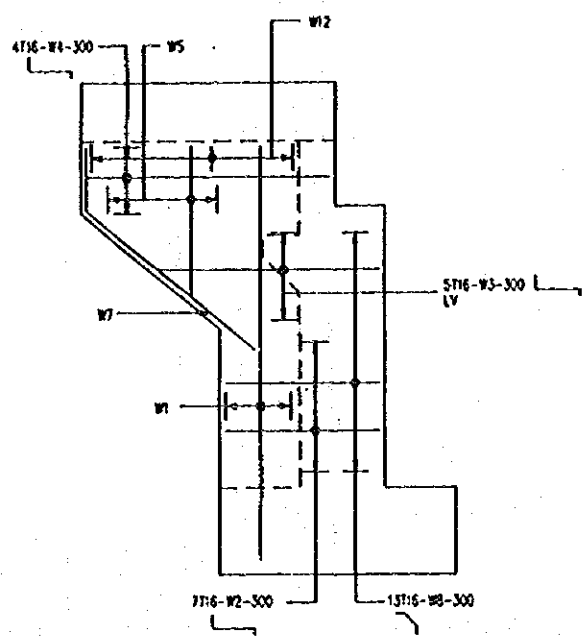


AS = ALTERNATELY STAGGERED
LV = LENGTH LINES
NF = NEAR FACE
FF = FAR FACE

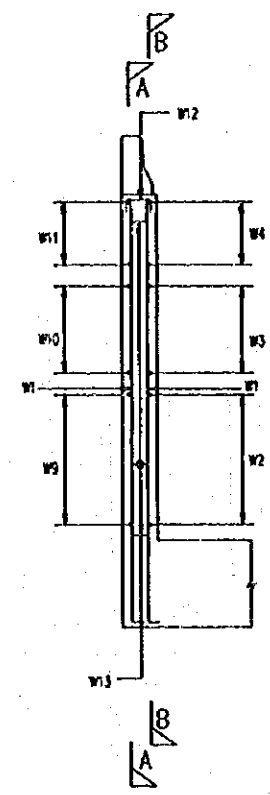
Torah	Bulan	Rujukan	UNIT JAMBATAN	PEKARANG JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DOKUMEN:	JURUTERA PENYAJA KAJAH	
			DALAMAN:		
			DILURUSKAN: POKOLONG PEGARANG (A)	POKOLONG PEGARANG KAJAH (J)	MULTIPLE COLUMN - REINFORCEMENT
			UKURAN	TARAF:	BR. LUOSAN



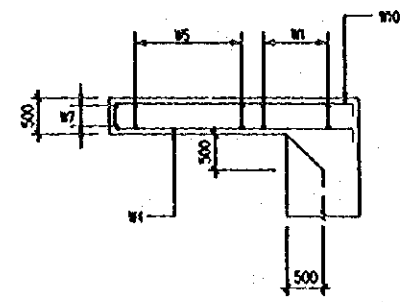
SECTION A - A
SCALE 1:50



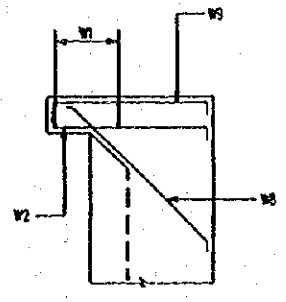
SECTION B - B
SCALE 1:50



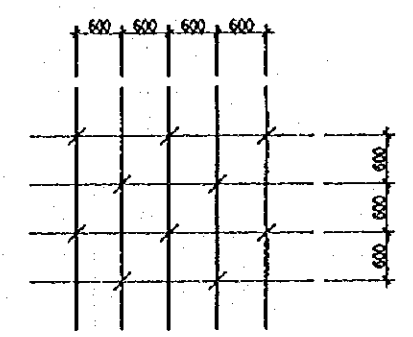
SECTION C - C
SCALE 1:50



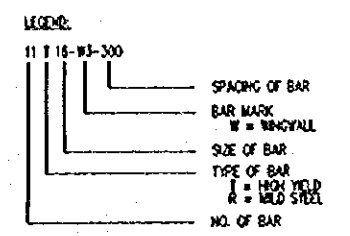
SECTION D - D
SCALE 1:50



SECTION E - E
SCALE 1:50

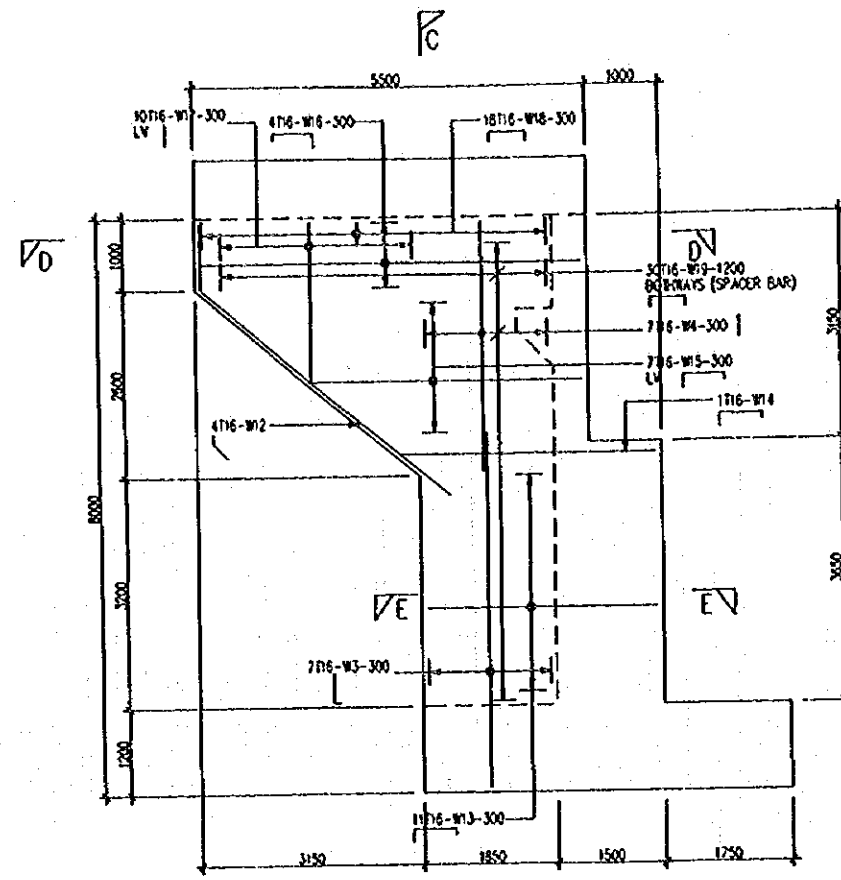


KEY PLAN
SPACER BAR ARRANGEMENT

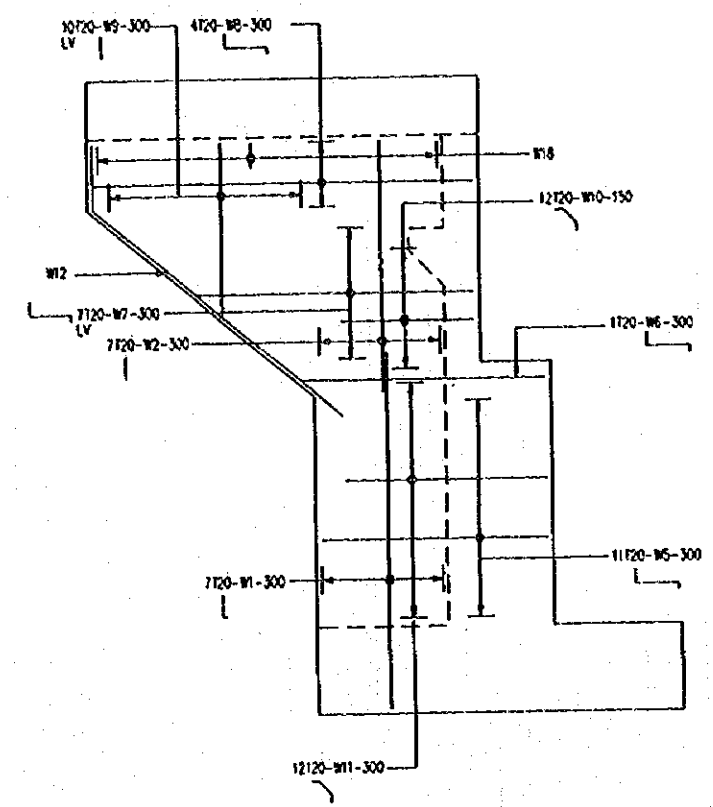


AS = ALTERNATELY STAGGERED
LV = LENGTH VARIES
NF = NEAR FACE
FF = FAR FACE

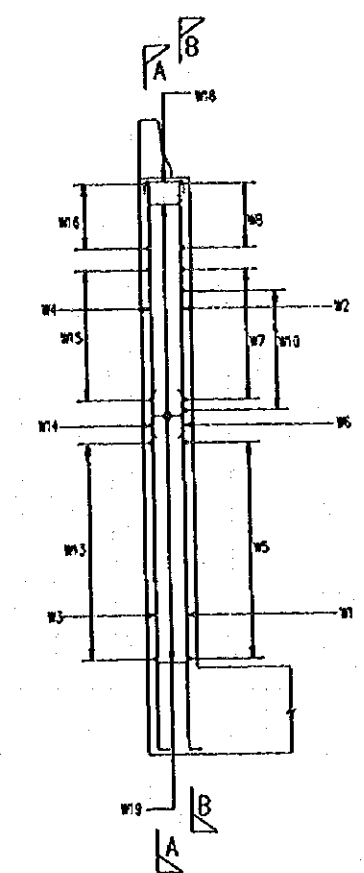
Tarih	Bulan		Rujukan	UNIT JAMBATAN		PONDAS JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
	PINDAAN			UKURAN			
				DIREKTOUR	DISEKSI	JURUTERA PENYUSAHA KAWAN	TARIKH
				DIBULUSKAN PENOLONG PONDAS (P)		PENOLONG PONDAS KAWAN (A)	BUKTI LOKASIAN



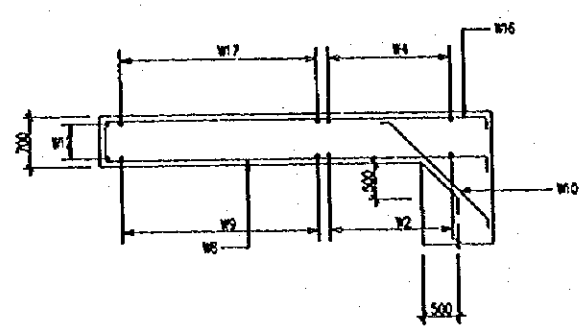
SECTION A - A
SCALE 1:50



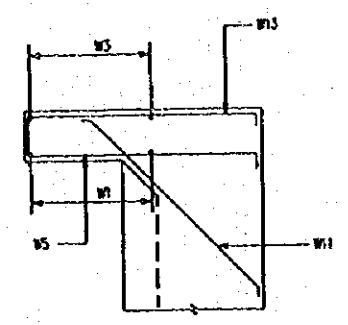
SECTION B - B
SCALE 1:50



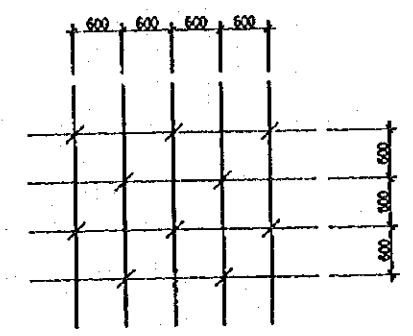
SECTION C - C
SCALE 1:50



SECTION D - D
SCALE 1:50



SECTION E - E
SCALE 1:50



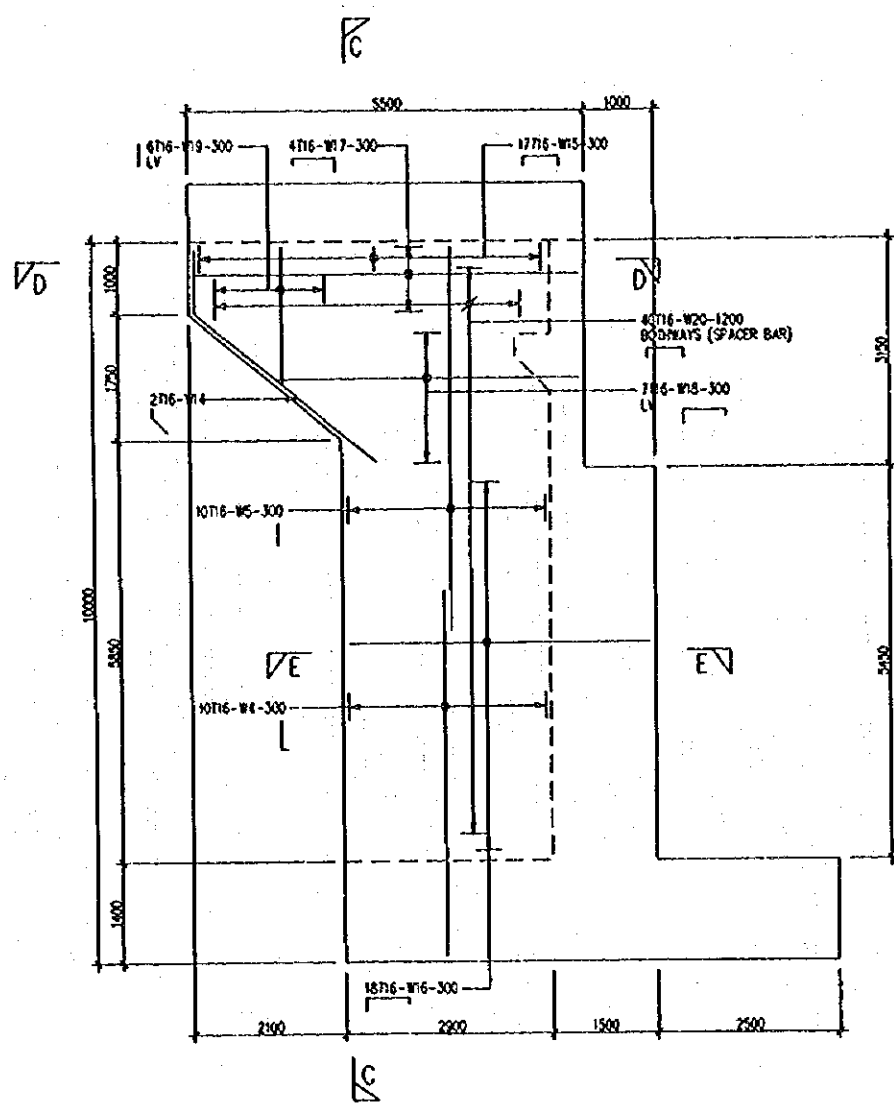
KEY PLAN
SPACER BAR ARRANGEMENT

LEGEND:

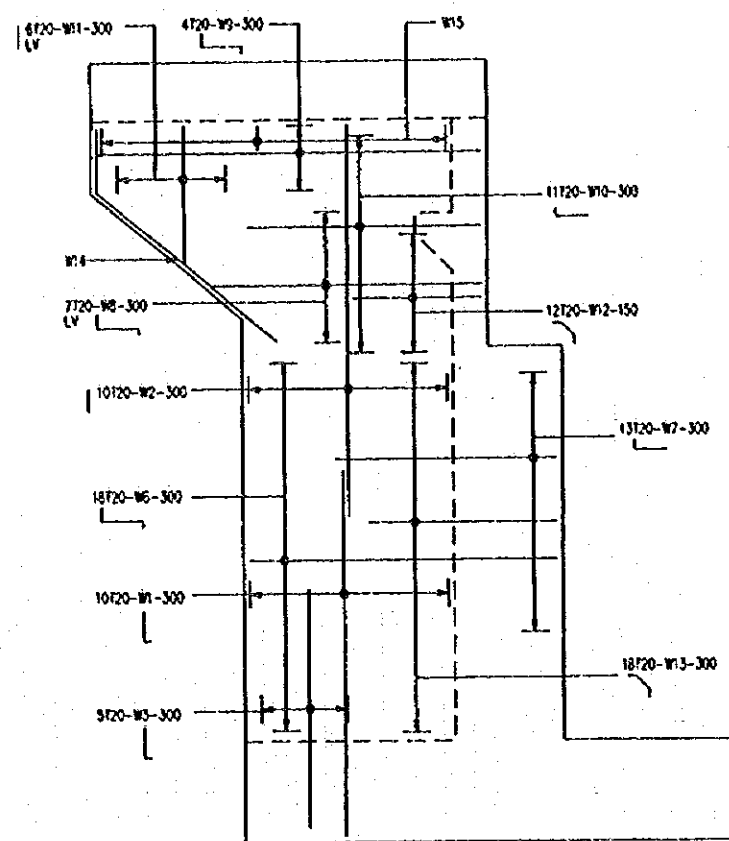
- 11 T 16-W3-300
- SPACING OF BAR
- BAR MARK
- W = MINORALL
- SIZE OF BAR
- TYPE OF BAR
- T = HIGH YIELD
- R = MILD STEEL
- NO. OF BAR

AS = ALTERNATELY STAGGERED
 LV = LENGTH VAPES
 NF = NEAR FACE
 FF = FAR FACE

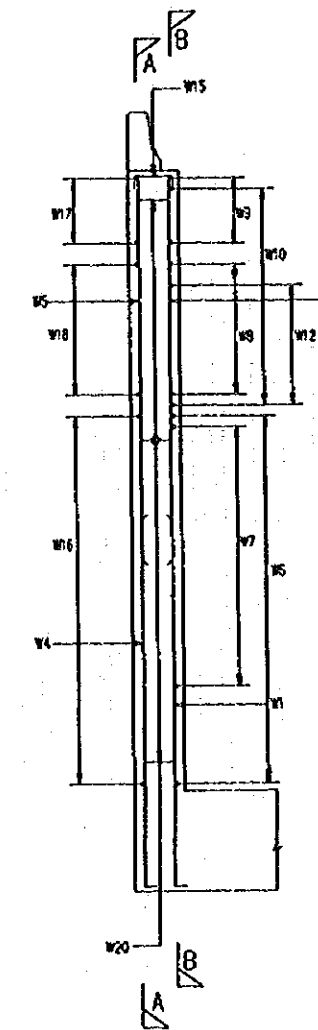
Tarih	Bulatan	Rujukan	UNIT JAMBATAN		PONDARAN JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKASUTUK:			
PINDAAN	URURAN		DILUKIS:	DISEMAK:	JURUTERA PENYUSAHA KAJIAN	ABUTMENT - REINFORCEMENT (WINGWALL)
			DILULUSKAN: PENYOLONG PONDARAN (P)		PENYOLONG PONDARAN KAJIAN (K)	



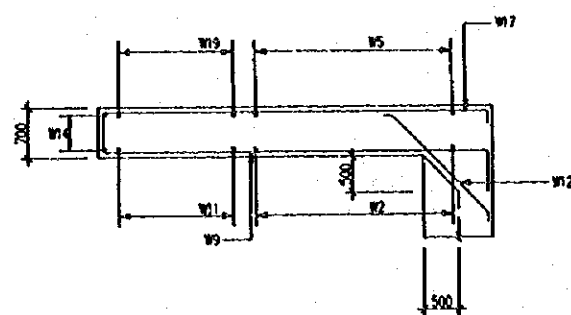
SECTION A - A
SCALE 1:30



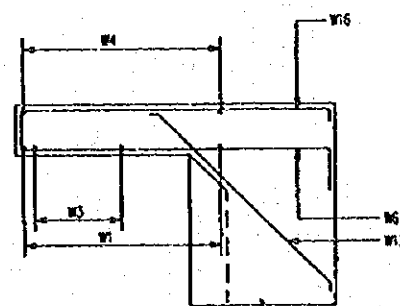
SECTION B - B
SCALE 1:50



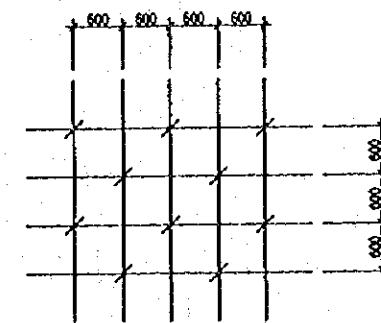
SECTION C - C
SCALE 1:50



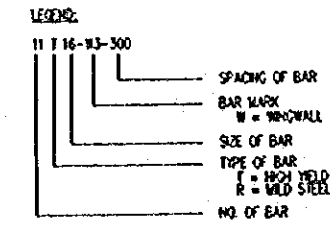
SECTION D - D
SCALE 1:50



SECTION E - E
SCALE 1:50

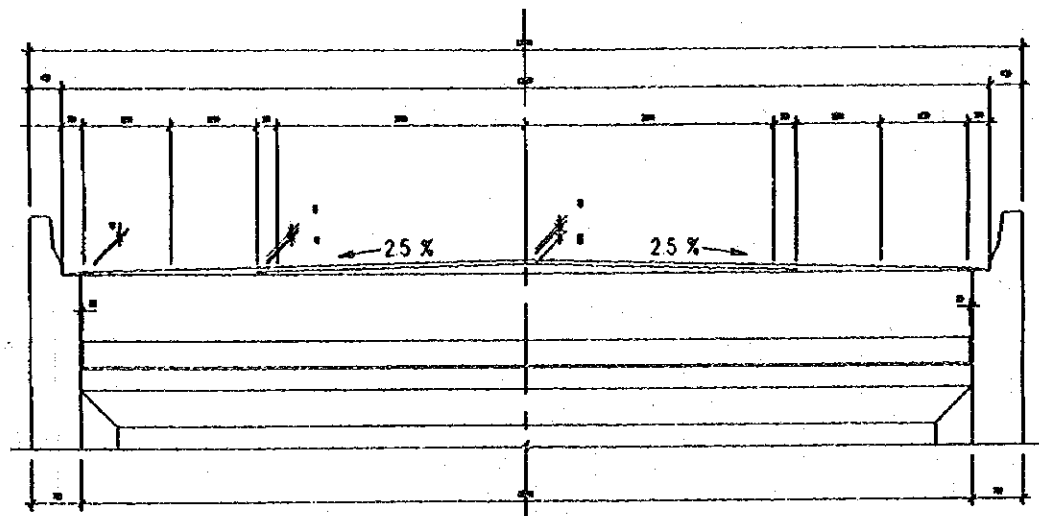


KEY PLAN
SPACER BAR ARRANGEMENT

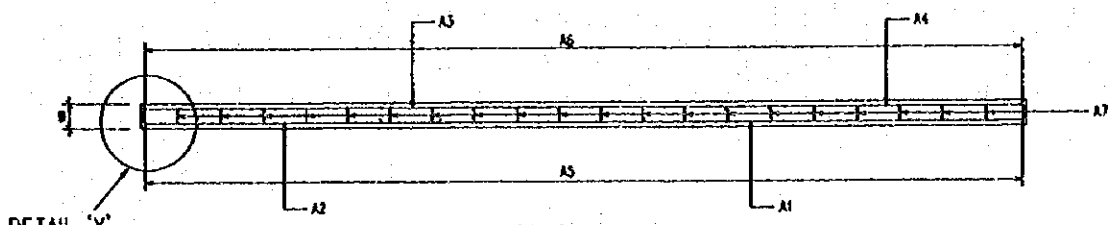


AS = ALTERNATELY STAGGERED
LV = LENGTH VARIES
NF = NEAR FACE
FF = FAR FACE

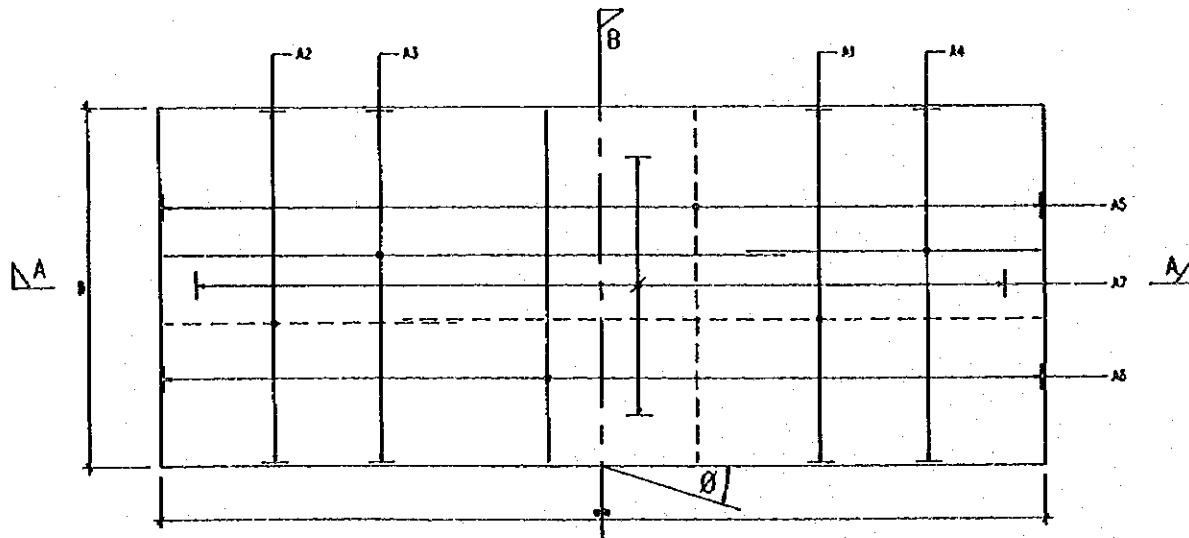
No. Rujukan	UNIT JAMBATAN		JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
	DIREKSI BENTUK		
No. Peta	DILUAS:	DISAMPAI:	ABUTMENT - REINFORCEMENT (WINGWALL)
	DILUASKAN: PENOLONG PENGARAH (A)		
PINDAAN		UKURAN	TARIKH: BIL. LUKSANA:
Dibuat		PENGARAH JALAN	
		JURUTERA PENJAJA KANAN	
		PENOLONG PENGARAH KANAN (A)	



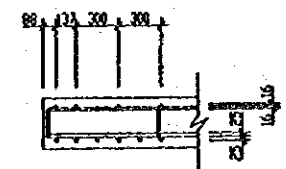
ELEVATION
SCALE 1:50



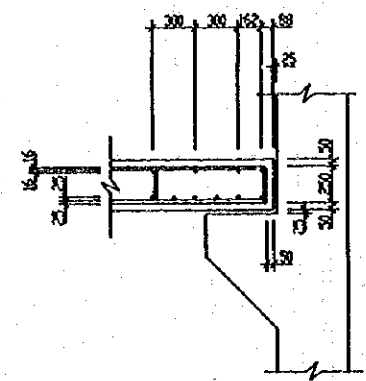
SECTION A - A
SCALE 1:50



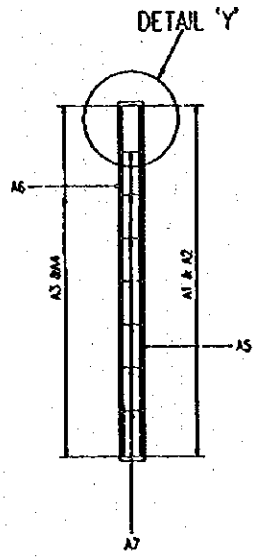
PLAN
SCALE 1:50



DETAIL 'X'
SCALE 1:25



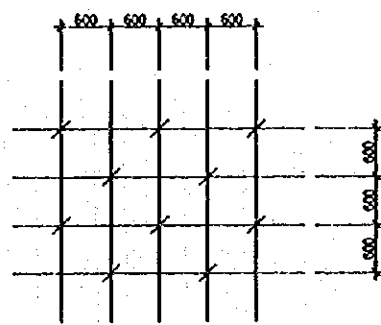
DETAIL 'Y'
SCALE 1:25



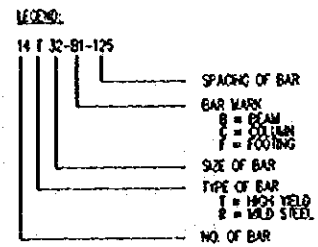
SECTION B - B
SCALE 1:50

BAR BENDING SCHEDULE

SKEW ANGLE	BAR MARK	DIAMETER	DEVELOPED LENGTH	TOTAL NO.	BAR SPACING	BENDING
$\theta = 0^\circ$	A1	T25	9000	33	150	9000
	A2	T25	4125	33	150	4125
	A3	T16	9000	18	300	209 $\sqrt{8291}$
	A4	T16	4318	18	300	4109 $\sqrt{209}$
	A5	T25	4900	83	150	4900
	A6	T16	5400	43	300	4900 $\sqrt{1250}$
	A7 (Spacer Bar)	T16	506	87	1200	128 $\sqrt{250}$
$\theta = 15^\circ$	A1	T25	9000	33	150	9000
	A2	T25	4561	33	150	4561
	A3	T16	9000	18	300	209 $\sqrt{8291}$
	A4	T16	4752	18	300	4548 $\sqrt{209}$
	A5	T25	4900	83	150	4900
	A6	T16	5400	43	300	4900 $\sqrt{1250}$
	A7 (Spacer Bar)	T16	506	87	1200	128 $\sqrt{250}$
$\theta = 30^\circ$	A1	T25	12000	33	150	12000
	A2	T25	2811	33	150	2811
	A3	T16	12000	18	300	209 $\sqrt{11291}$
	A4	T16	3244	18	300	3035 $\sqrt{209}$
	A5	T25	4900	83	150	4900
	A6	T16	5400	43	300	4900 $\sqrt{1250}$
	A7 (Spacer Bar)	T16	506	87	1200	128 $\sqrt{250}$

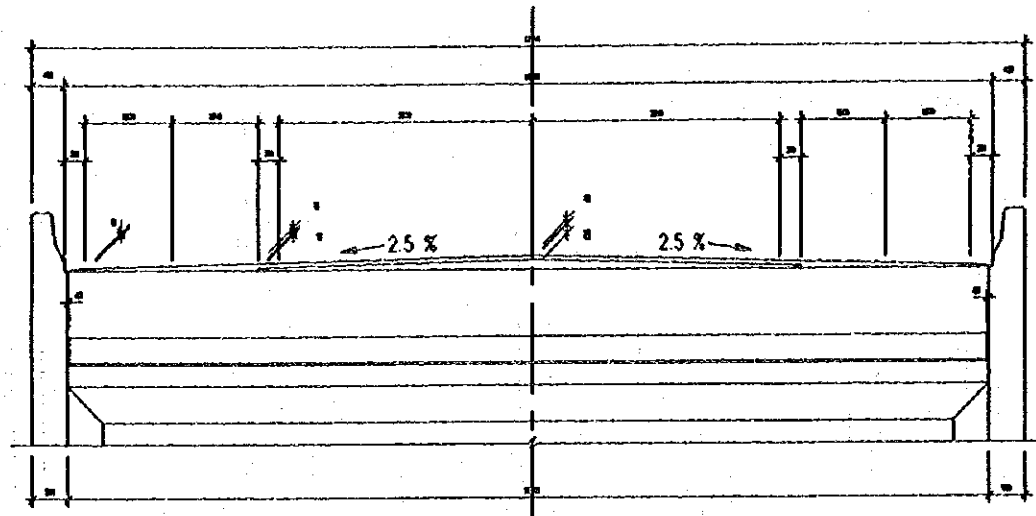


KEY PLAN
SPACER BAR ARRANGEMENT

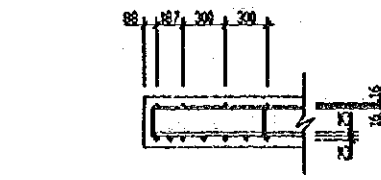


AS = ALTERNATELY STAGGERED
 LW = LENGTH VARIES
 NF = NEAR FACE
 FF = FAR FACE

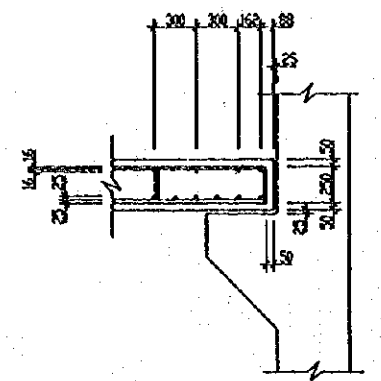
Tahap	Butiran	Rujukan	UKURAN	UNIT JAMBATAN	PONJARAN JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
				DIREKABENTUK:	JURUTERA PENJAJASA KANAN	
				DELUKAS: DEKAMAK	PONJONG PONGARAN KANAN (A)	ABUTMENT - REINFORCEMENT (APPROACH SLAB)
				DELUKAS: PONGONG PONGARAN (A)	PONJONG PONGARAN KANAN (A)	TARIKH: 01/08/2016



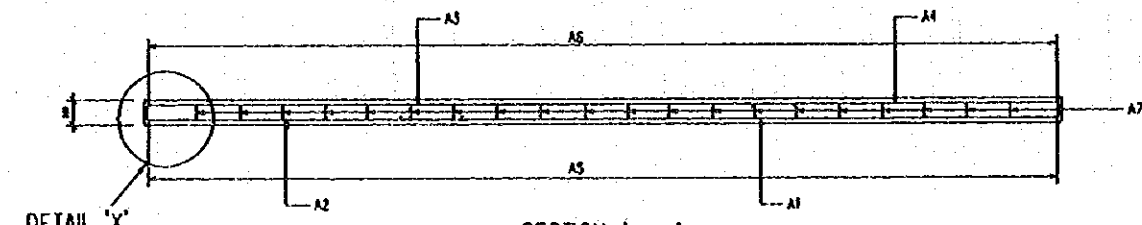
ELEVATION
SCALE 1:30



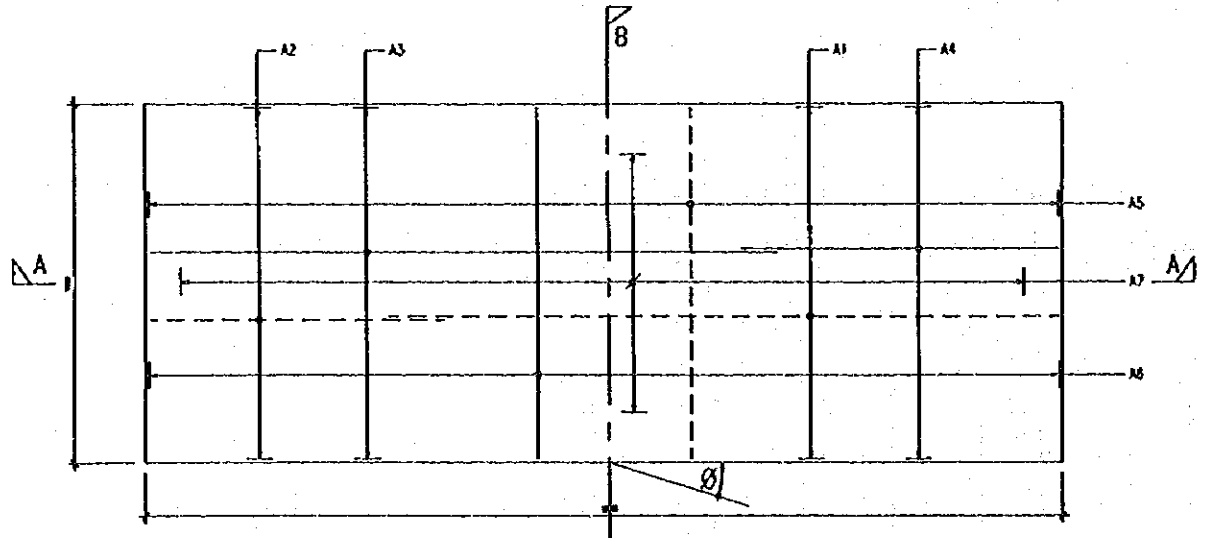
DETAIL 'X'
SCALE 1:25



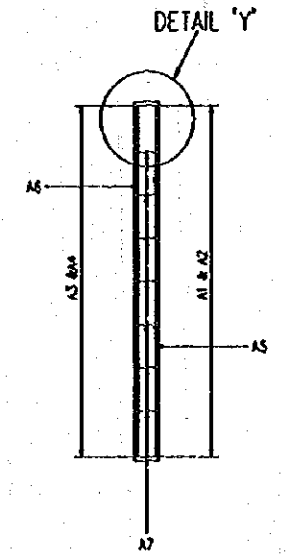
DETAIL 'Y'
SCALE 1:25



SECTION A - A
SCALE 1:30



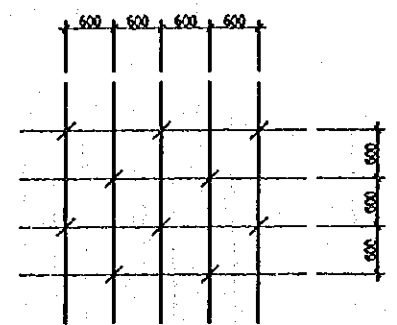
PLAN
SCALE 1:30



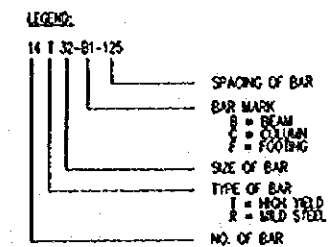
SECTION B - B
SCALE 1:30

BAR BENDING SCHEDULE

SKIEW ANGLE	BAR MARK	DIAMETER	DEVELOPED LENGTH	TOTAL NO.	BAR SPACING	BENDING
0°	A1	T25	9000	33	150	9000
	A2	T25	4525	33	150	4525
	A3	T16	9000	18	300	8791
	A4	T16	4718	18	300	4509
	A5	T25	4900	85	150	4900
	A6	T16	5400	44	300	4900
	A7 (Spacer Bar)	T16	506	89	1200	178
15°	A1	T25	9000	33	150	9000
	A2	T25	4975	33	150	4975
	A3	T16	9000	18	300	8791
	A4	T16	5171	18	300	4962
	A5	T25	4900	85	150	4900
	A6	T16	5400	44	300	4900
	A7 (Spacer Bar)	T16	506	89	1200	178
30°	A1	T25	12000	33	150	12000
	A2	T25	3497	33	150	3497
	A3	T16	12000	18	300	11791
	A4	T16	3706	18	300	3497
	A5	T25	4900	85	150	4900
	A6	T16	5400	44	300	4900
	A7 (Spacer Bar)	T16	506	89	1200	178

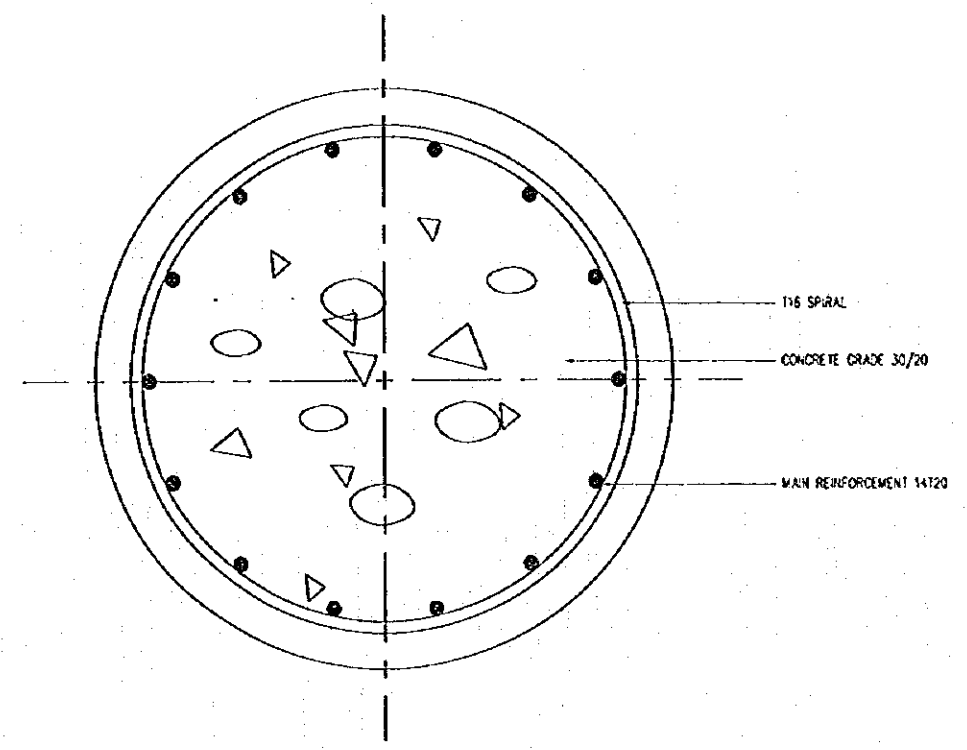
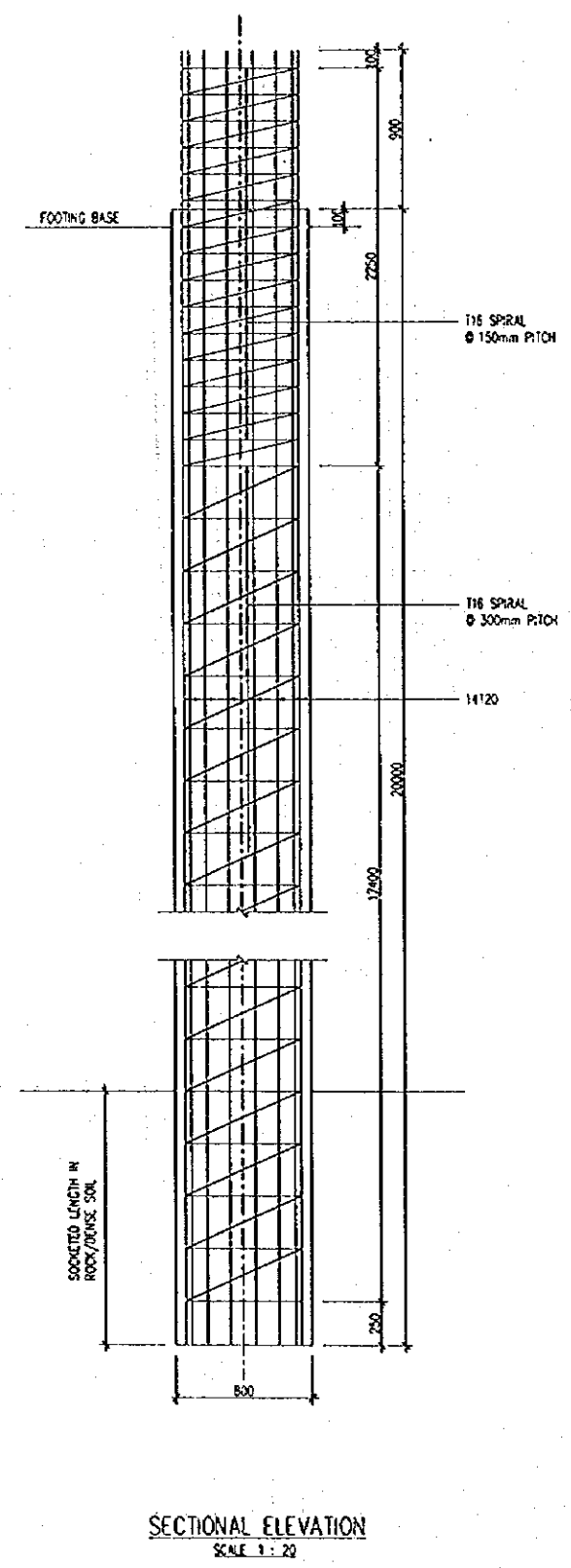


KEY PLAN
SPACER BAR ARRANGEMENT

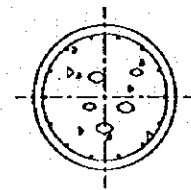


AS = ALTERNATELY STAGGERED
LV = LONG IN VAPES
NF = NEAR FACE
FF = FAR FACE

To kh	Du'ran	Rujukan	UNIT JAMBATAN	PONCAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKSI BINA BANGUNAN	JURUTERA PENYALASA KAWAN	ABUTMENT - REINFORCEMENT (APPROACH SLAB)
			DUNGS	DISEDIAK	TARJAH
			DULUSKAN PENYALOHONG PONGARAH (A)	PENYALOHONG PONGARAH KAWAN (B)	BUK
			UKURAN		UKURAN



TYPICAL SECTION
SCALE 1:5



PLAN
SCALE 1:20

NOTES

1. a) CONCRETE SHALL BE OF GRADE 30/20, WITH THE WATER/CEMENT RATIO OF 0.5
b) THE SLUMP SHALL BE BETWEEN 125mm TO 175mm WITH APPROVED SUPER PLASTICIZER
2. NOMINAL CONCRETE COVER SHALL BE 50mm.
3. CONTRACTOR SHALL PROPOSED METHOD OF INSTALLATION USING TEMPORARY STEEL CASING BENTONITE SLURRY ETC OR OTHER APPROVED METHOD.
4. DRILLING OPERATION OF BORED SHAFT TO BE COMPLETED WITHIN 3 HOURS, AND CONCRETING SHALL BE CARRIED OUT IMMEDIATELY AFTER CLEANING THE HOLE AND COMPLETED WITHIN 1 HOUR.
5. ALL REINFORCEMENT TO CONFORM TO MS145 GRADE 450.
6. IF ROCK OF R30 > 50% IS ENCOUNTERED AT DEPTH LOWER THAN THE REQUIRED SOCKETED LENGTH PILE TO BE SOCKETED IN ROCK FOR 3.0m ONLY.
7. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

Tarikh	Bulatan	Rujukan	UNIT JAMBATAN		PENGARAH JALAN	JABATAN KERJA RAYA MALAYSIA CAWANGAN JALAN
			DIREKASBENTUK:			
			DILUKIS:	DISEMAK:	PENOLONG PENGARAH KANAN (J)	#800mm BORED CAST IN PLACE PILE TARIKH: 8/11/2018 BLU LUGSANG
	PINDAAN		UKURAN			



JICA