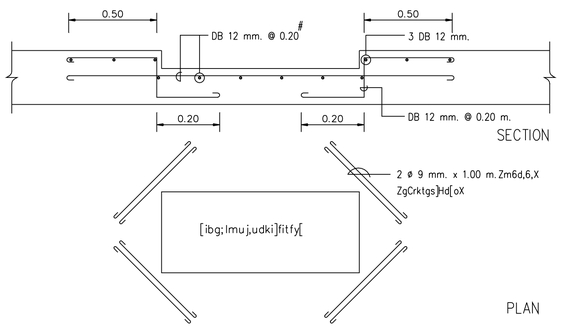
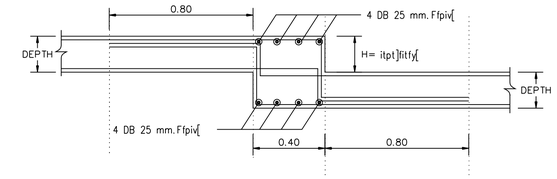
ikp]tgvupfc]t–hvdesofgdujp;dy[dkiglib,gs]Hd.oczjornhowih8ko FLAT SLAB

@" dki]fitfy[.oczjornhowih8ko

.shglib,gs]HdrbgLKfy'i^x 5hk,bwfhit[6w;h.oc[[

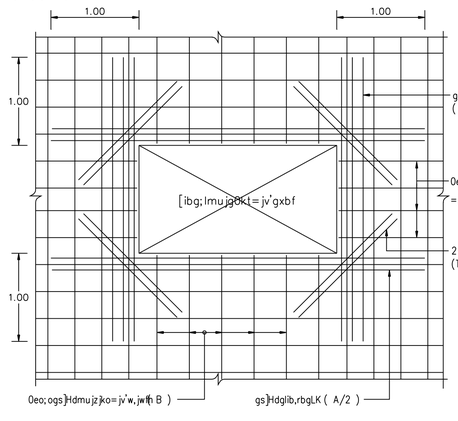


#" dki]fitfy[rnho c9j8;k,sokrnhogmjkgfb,

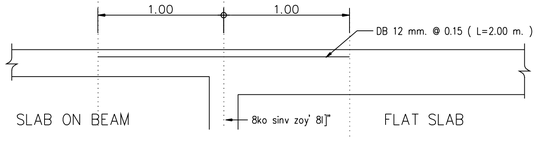


$" .odilumuj,udkig0kt=jv'gxbf.oczjornhowih8ko

.shglib,gs]HdrbgLKgmjkdy[rnhomujsohk9yf–v'gs]Hdmujw,jk,ki5zjko=jv'gxbfFfpdit0kpw;h # –hk'–v'=jv'gxbf –hk']tgmjkqdyo c]t glib,gs]HdrbgLK 2 DB 16 mm. x 1.50 m.(TOP & BOTTOM)

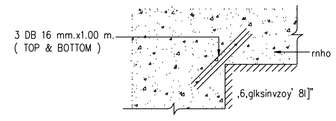


%" dkiglib,gs]HdrbgLK[ibg;livp9jvits;jk' SLAB ON BEAM dy[FLAT SLAB

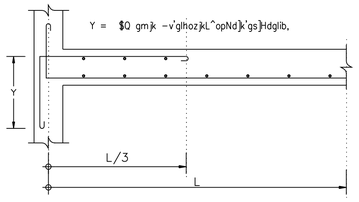


*" ,6,glksinv,6,zoy' 8I]" pnjog–hk.oczjornhowih8koFfpw,j,u8koiy[

5hkw,jit[6.oc[[.shglib,gs]HdrbgLK 3 DB 16 mm. x 1.00 m.

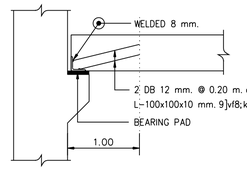


(" dkiglib,gs]Hdczjornhowih8ko [ibg;l8koib, (EDGE BEAM)



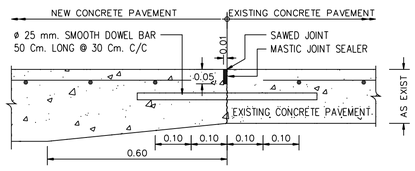
7. dkiglib,,6,8kosinvrnhowih8ko [ibg;l EXPANSION JOINT

dkiglib,,6,8kosinv FLAT SLAB[ibg;l EXPANSION JOINT

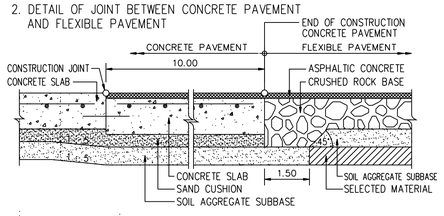


c[[–pkp JOINT 'ko5oo

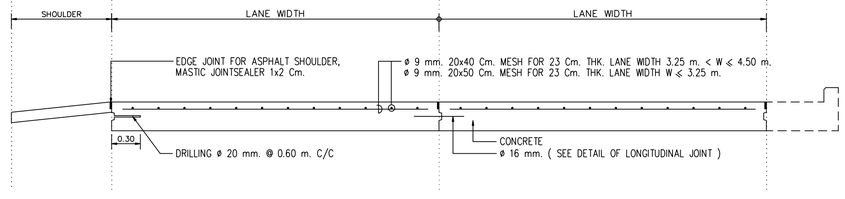
1. DETAIL OF TRANSVERSE JOINT BETWEEN NEW AND EXISTING CONCRETE PAVEMENT



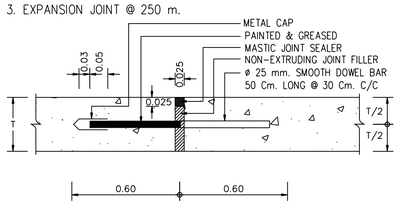
2. DETAIL OF JOINT BETWEEN CONCRETE PAVEMENT AND FLEXIBLE PAVEMENT



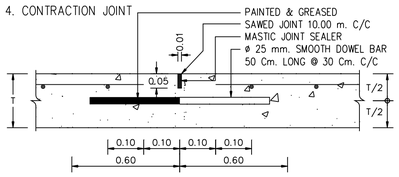
REINFORCEMENT DETAIL OF CONCRETE PAVEMENT (CROSS – SECTION)



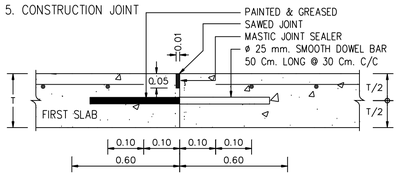
3. EXPANSION JOINT @ 250 m.



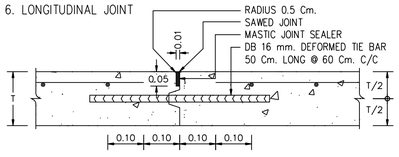
4. CONTRACTION JOINT



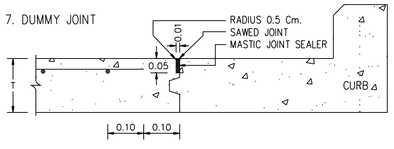
5. CONSTRUCTION JOINT



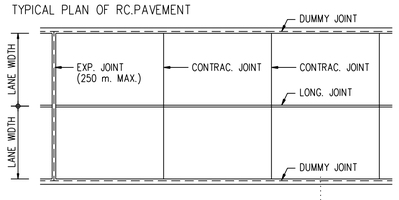
6. LONGITUDINAL JOINT



7. DUMMY JOINT



TYPICAL PLAN OF RC.PAVEMENT



–hvdesof'koF8i'lihk'

@" glkg–H, g–H,9hv'wfh–okfw,Fdj'jlhk; sinv{bjogdbo–okf shk,gluhp,x}kp .oc9j]t9ho 9hv'9vdi;fgfup;0ogliH0 shk,sp6f shk,9yf

#" 8vodiu9 c]t x^oCk[

#"@ F8i'lihk'myj;wx .=h8vodiu9zl,glH0 (READY MIXED)

∗ de]y'vyfxit]yp8vodiu9mi'dit[vd #_ ;yo FC' = 210 Ksc.

xviN9c]oN:ug,o9N =obfmuj @ vpjk'ofvp"dd"
mikp"dd"
sbo"dd"

itptg;]kzl, 8vodiu90t9hv'vp^jogBinjv'zl,xit,kl $3@Q okmu c]tg,njvgmvvd0kdxkdF,j c]h;0t9hv'.=h.shs,f4kp.o $Q okmu

#"# x^oCk[.=hx^o:ug,o9N9kglnv{9ik^^gsjk sinv9ikodvbomiupNzl,dy{x^o–k;c]tmikp 1 : 1 : 3 ZCk[8i&'cidX 1 : 3 : 6 ZCk[8i&'mujjX sinv.=hoehpkzl,9k,8ecotoe–v'z^hzjb9

#"$ x^odjv .=hx^o:ug,o9N9kglnv sinv9ik^^gsjk c]tmikpspk[vy9ikljo 1 : 3

x^o:ug,o9N gxHox^o:ug,o9N.s,j w,j5^dohe0y{gxHodhvo c]tgdx[w;hvpjk'fu

mikp gxHomikpohe0nf g,Hfc–H'cdij' ltvkfxikL0kd;y956vnjogOnvxo

sbo 9hv'c–H'cdij' w,jgxiktsinvz6dijvo 0t9hv'}hk'.shltvkfdjvozl,m6di&'

ohe 9hv'.ltvkfnj,wfh xikL0kdkivbomiupN]ohe,yo]difjfjk'

$" gs]Hdglib, 9hv'gxHogs]Hdmuj,uzb;ltvkf w,julob,–6,sinvgxnhvoohe,yo

∗ gs]Hdd], (SR),vd"#Q2#"#) ,ude]y'8]kdw,johvpd;jk Fy 2400 Ksc.

∗ gs]Hd–hvvh(SD),vd" #%2#"#) ,ude]y'8]kdw,johvpd;jk fy 3000 Ksc.

∗];f9tcdi' gxHowx9k, ASTM. A185

gs]Hdmujz^dgliH0c]h;0t9hv'.sh;bL;di9i;0iv{gsHo=v{djvogmBvodiu9m6d8i&'

%" 'koF8i'lihk'gs]Hdi^xriil 5hk,bwfhit[6w;hgxHovp]k'vnjo.oc[[.sh.=hfy'ouh

%"@ gs]Hd^xriil gs]Hdi^xriil (STRUCTURAL STEEL)m&'muj/y'.o8vodiu9c]tgxHovbklit 0t9hv'gxHowx9k, ,vd" 116–2527 sinv JIS G3101 (SS41)sinv ASTM A36 ,ude]y'8]kd (fs)w,johvpd;jk 2520 Ksc.

%"# gs]Hdczjo 0t9hv'gxHowx9k, ,vd" 116–2527 sinv JIS G3101 (SS41)

%"$ gs]HdiufgpHd0t9hv'gxHowx9k, ,vd" sinv JIS G3350 (SSC41) sinv JIS G3350 (SSC41)

%"% mjvgs]Hd 0t9hv'gxHowx9k, ,vd" sinv BS 1397 sinv ASTM A53 (MEDIUM CLASS) sinv ASTM A501

%"* mjvgs]Hdgs]ujpfjvgs]Hdgs]ujf(STEEL TUBE) 9hv'gxHowx9k, ASTM A500 (MEDIUM CLASS)

4.6 CHECKER PLATE gxHowx9k, JIS STANDARD lesiy{mernho

%") t]ydgd]up; 3 t]ydgd]up;de]y'i^" (HIGHT TENSION BOLTS) 9hv'gxHowx9k, ,vd" sinv JIS B1180 (F10T) sinv ASTM. 490 sinv ASTM. A325

3 t]ydgd]up;Tii,ik (COMMON BOLTS) 9hv'gxHowx9k, ,vd" sinv JIS B1180 (F4T)

%"_];fg=njv, 0t9hv'gxHowx9k, ASTM A233 CLASS E60 skd.=h];fg=njv,de]y'i^" 0t9hv'gxHo wx9k, ASTM A233 CLASS E70;bTug=njv,0t9hv'xDb[y9b9k,,k9ijkoWS

%"+ lg9og} dkig=njv,STANLESS STEEL 9hv'.=ELECTRODE xitg4mgfup;dy{ BASE METAL

*" w,h F8i'lihk'myj;wx.=hw,hgonhvc–H'v{csh' wfhcdj w,h9tg8upomv'jw,hg9H'iy'jw,hcf' w,hxit'^jlw,hg8ujp, O]0 g8ikzoy'lg8ikjkgrfko .=hw,hpk'v{csh'mkg=])NwfimN

(" dkisp6f8vodiu9

9hv'sp6f.o9ecsoj'mujgdbfMINIMUM STRESS gl,v

]koikd .shgm9jvgonjv'Flpg]vf shk,sp6f

glk gm57'mhv'8ko=&o5yf–7howx

8ko .shsp6f9&'Ckdco;fbj'mujd]k'8ko

rnho .shgmm&'zno sinvsp6f9&'Ckdmujd]k'zno

)" dkis5vfw,h[[c]t dki[j,8vodiu9

c[[–hk'8ko } –hk'glk } –hk']koikdc]tzoy' %_ =," s]y'0kdgmgliH0

c[[.9h8koc]trnho @% ;yo c]t8hepyo9jv0o8i[#@ ;yo s]y'0kdgmgliH0

s]y'0kdgm8vodiu9c]h; 0t9hv'[j,shgxupd=6j,9jvgonjv'w,johvpd;jk) ;yo

_" 8vodiu9mujBhv'zl,ohepkdyo: 7,

wfhcdj rnhoshv'oeh]5y'gdh[oeh]dyoikfljtlg[up'}fkfahkc]tik'oeh 8I]" l;ornholy,zyffbo0t9hv'ikfoehpk dyox],d.shmyj; x^czjor]k9bdc]h;gmfh;p8vodiu9zl,oehpkdyo: 7,

+" c[[s]jv8ko rnho c]tzoy'l;omujvp^]8bffbo

c[[–hk'8ko.sh.=hw,hc[[l;oc[[mhv'8kovk0.=hw,hc[[sinvmikpmy{fh;p8vodiu9spk[sok $:,"

c[[mhv'rnho.shiv'fh;pmikpm{fh;p8vodiu9spk[sok $:,"sinvmikp9[ifoehx^r]k9bd

@Q" .odkimew,hc[[z^hiy{gs,k0t9hv'8eo7'57'itptFdj' (Deflection) FfpgCrktv'BNvkBki=j;'pk; c]t v'BNvk8kipnjox]kp g=jo Flat Slab c]t Waffle Slab fy'o&oz^hiy{gs,k0t9hv'pdmhv'8kosinvrnho=j;'pk; pdx]kpBkosinv=j;'pnjo (Camber).shrvfudy{itptFdj'o&oq

@@" .odilumujv'BNvk8ki=j;'pk; sinv v'BNvk8kipnjox]kpo&o,uitptFdj' (Deflection) ,kdd;jkitptpd mhv'8ko sinv Camber c]t0egxHo9hv',udkigmx^omikpgrnjvxiy{itfy{rnho z^hiy{gs,k0t9hv'glov;bTucdhw= fh;p8jk.=h0jkp–v'z^hiy{gs,kgv' m&'ouh0t9hv',udkiglib,gs]Hdgrbj,g9b,mujzb;[o–v'l;omujglib,w,johvpd;jk ø 6 mm. @ 0.15 m.

@#" [ibg;lmujBhv',udkimeWATER STOP

Construction Joint co;ik[.ornho=&o Basement mujBhv'dyodkiiyj;:7,

Construction Joint co;9&'.ozoy'shv'.9hfbo } 5y'oeh } liloeh } [jx]bornN c]t Sump –okfd;hk'5hkc[[.bwfhit[6w;h .sh.=hw,johvpd;jk8;k,sokczjornhosinvzoy'

WATER STOP 0t9hv'gxHoPVC. ,ub6iL[y9bfy'ouh

SPECIFIC GRAVITY ≥ 20 ELONGATION ≥ 300 %

HARDNESS ≥ 70 TENSILE STRENGTH ≥ 130 Ksc.

REVISIONS		DATE
A	c[[dj'ilhk'	15/02/2000

NOTE
- ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE INDICATED
- NO DIMENSION SHALL BE SCALED
- ALL DRAWINGS ARE THE PROPERTY OF THE AREA CO.,LTD. AND CAN NOT BE USED REPRODUCED OR DUPLICATED WITHOUT PERMISSION

OWNER

Tok8kigrnjvdkigdK9i c]tlsdildkigdK9i

DESIGNER

AREA CO.,LTD.

111/1 Ladprao23 Ladyao Chatuchak Bangkok 10900
Tel. (662) 5139533–5 Fax. (662) 5139536

f5kxobd

v]diN 9ik=^	i5"@@@$i	
;yo=yp [6P;ib=pN	i5"@*%)4	
ri=yp db9b;iikxitki	i5"#%+#4	
;b[^]pN g0ibP;ik;6<b	i5"@@@#i	

ASSISTANT ARCHITECT

gdiup'wdi cloi6;'LN

;bL;diF8i'lihk'

,kot 0i^Pr'KNLydfbN	ip"%0j#$	
v]diN 9ik=^	ip"$$0$	
foyp l;jk'FC,	ip"%$*_	

;bL;dil6–k4b[k]

l64ymi ;kIb=pNd6]	Iod"@)%_	

Lbib=yp 0yo9iud6] x;l"

;bL;diwaahk

[ii0' g0ibPdb0r^]x]	;od"@(#	

=yp;ycoN :njv9i' 4od"*%@% |

;bL;dig8injv'd]

lyj ob9bro	Id"@%_$	

,ylRokdi

ruii69 l6;iildpt;bdpN	l5"%#*04	

lbmTb=yp v6joptry$5l"Z4kp.oX

DRAWN [ibry9i s,yf,lug;bL	DATE	
CHECKED		
APPROVED		

F8j'dki

vk8kileoyd'kolk–k

muj9&'

v" –]6' 0" 0yom[6iu

c[[clf'

c[[,k9i{koF8i'lihk'

FILE NO 9911	DRAWING NO
DATE 15 / 02 / 2000	S – 02
SUB TOTAL	GRAND TOTAL