

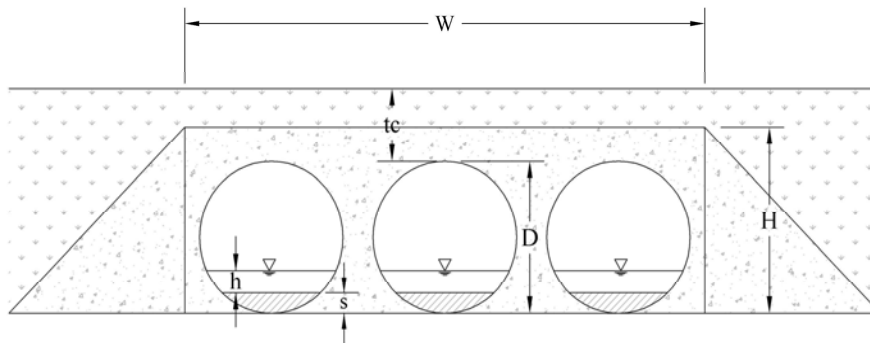
APPENDIX 6-3

INVENTORY SURVEY OF PIPE CULVERT

KP: **171+800**

No.: **Pc148**

Date: **20-May-2013**



3Φ100

D = **1.00** (m)

L = **15.60** (m)

H = **1.35** (m)

W = **4.55** (m)

tc = **1.45** (m)

h = **0.10** (m)

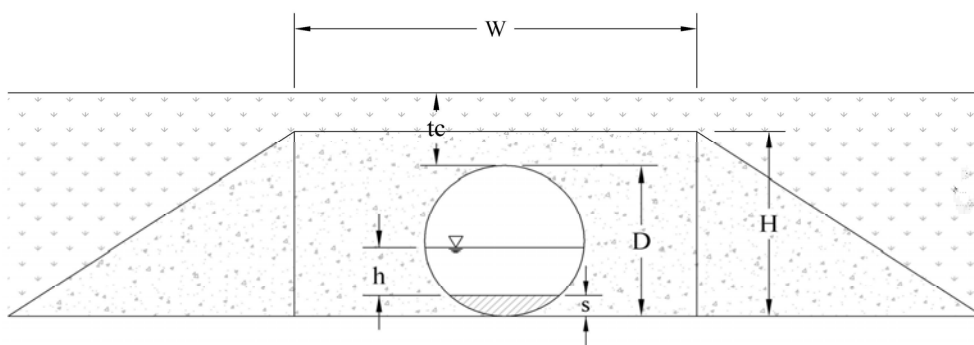
s = **0.10** (m)

Lake Side (Outlet)

KP: **172+200**

No.: **Pc149**

Date: **20-May-2013**



1Φ100

D = **1.00** (m)

L = **15.60** (m)

H = **1.25** (m)

W = **1.20** (m)

tc = **0.65** (m)

h = **0.25** (m)

s = **0.35** (m)

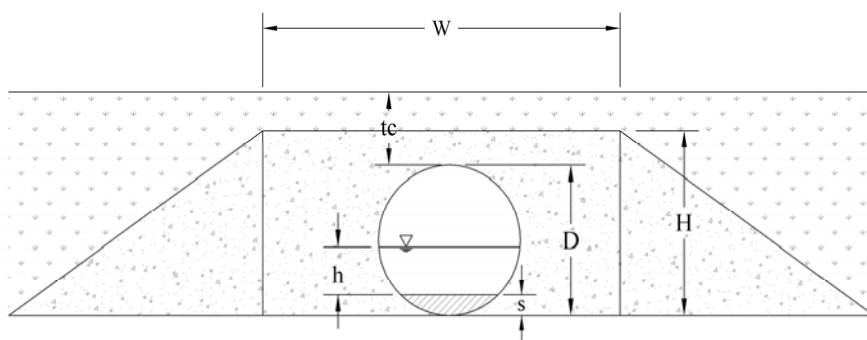
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River.

KP: **174+100**

No.: **Pc150**

Date: **20-May-2013**



1Φ100

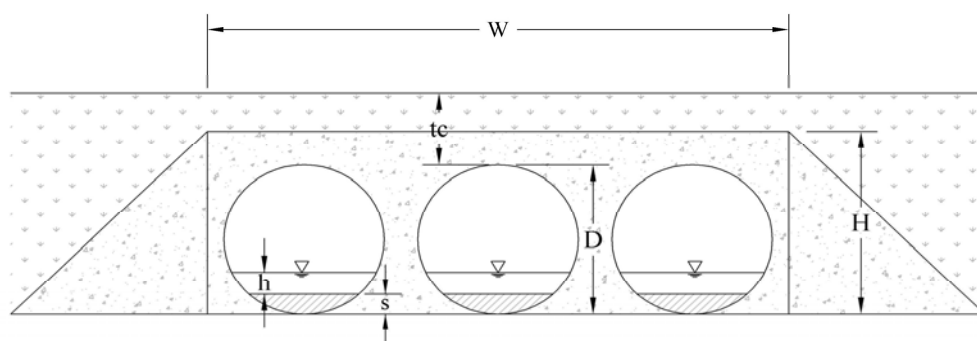
- D = **1.00** (m)
- L = **13.50** (m)
- H = **1.50** (m)
- W = **1.23** (m)
- tc = **0.80** (m)
- h = **0.00** (m)
- s = **0.05** (m)

Lake Side (Outlet)

KP: **174+700**

No.: **Pc151**

Date: **20-May-2013**



3Φ100

- D = **1.00** (m)
- L = **13.30** (m)
- H = **1.35** (m)
- W = **4.70** (m)
- tc = **0.75** (m)
- h = **0.05** (m)
- s = **0.20** (m)

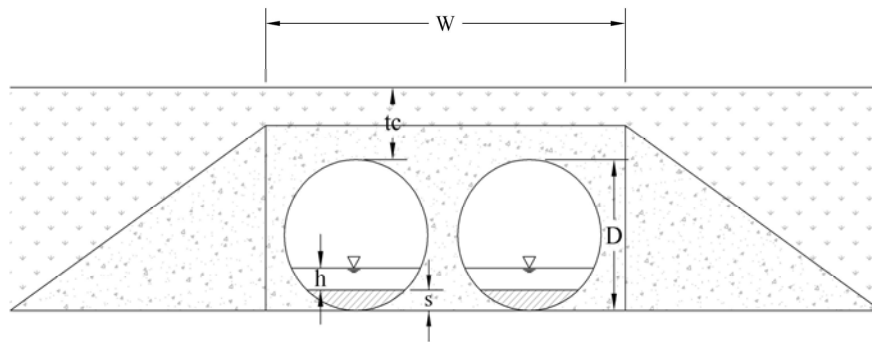
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **174+000**

No.: **Pc152**

Date: **20-May-2013**



2Φ100

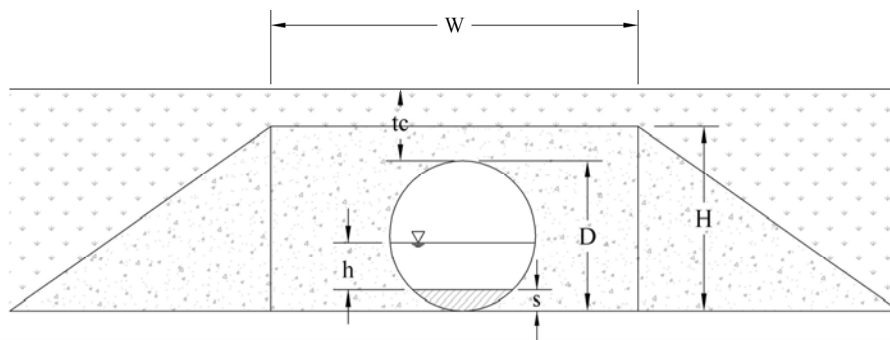
D	=	1.00	(m)
L	=	12.80	(m)
H	=	1.30	(m)
W	=	2.90	(m)
tc	=	0.90	(m)
h	=	0.15	(m)
s	=	0.10	(m)

Lake Side (Outlet)

KP: **175+600**

No.: **Pc153**

Date: **20-May-2013**



1Φ100

D	=	1.00	(m)
L	=	13.30	(m)
H	=	1.40	(m)
W	=	1.25	(m)
tc	=	0.98	(m)
h	=	0.00	(m)
s	=	0.00	(m)

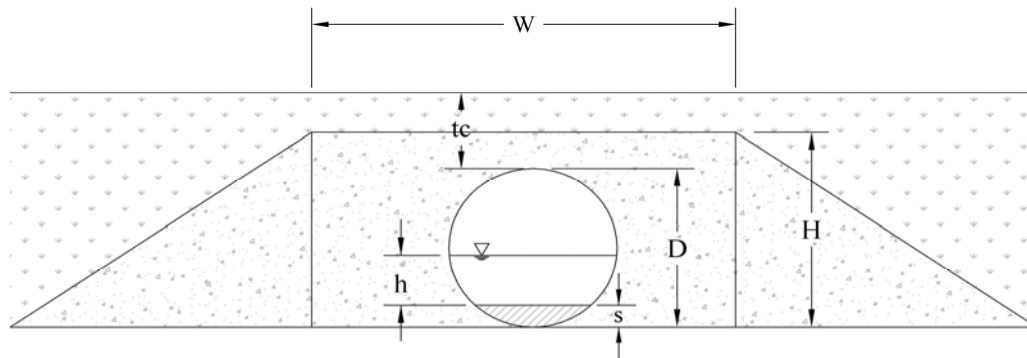
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height,

KP: **176+100**

No.: **Pc154**

Date: **20-May-2013**



1Φ100

D = **1.00** (m)

L = **13.20** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **1.08** (m)

h = **0.00** (m)

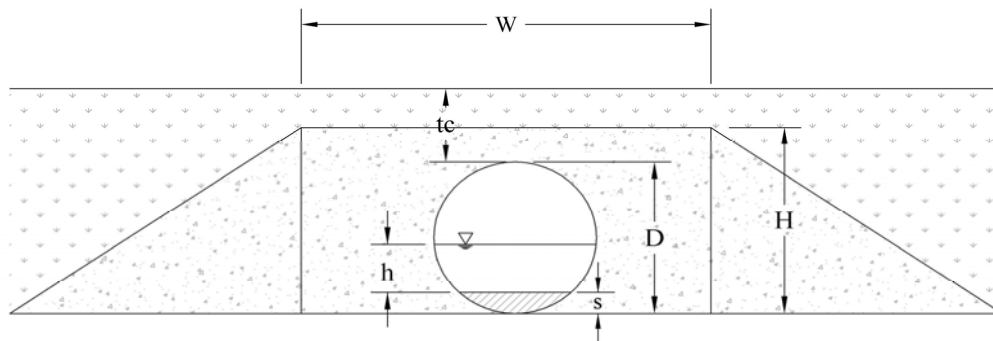
s = **0.00** (m)

Lake Side (Outlet)

KP: **176+200**

No.: **Pc155**

Date: **20-May-2013**



1Φ100

D = **1.00** (m)

L = **13.40** (m)

H = **1.40** (m)

W = **1.30** (m)

tc = **0.90** (m)

h = **0.00** (m)

s = **0.00** (m)

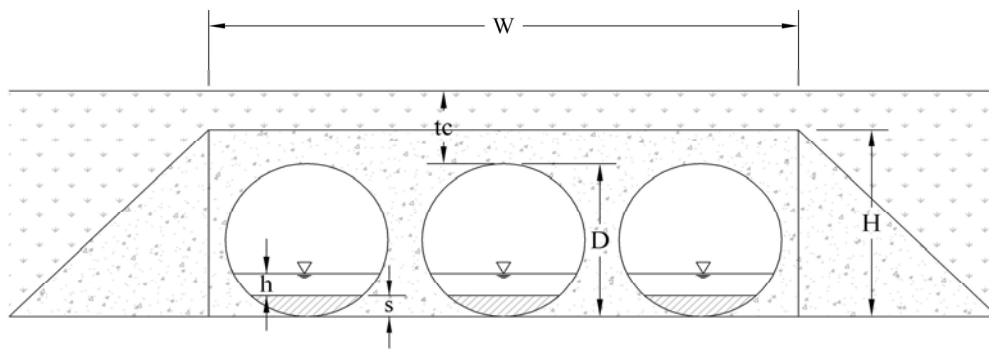
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **176+400**

No.: **Pc156**

Date: **20-May-2013**



3Φ100

D = **1.00** (m)

L = **15.50** (m)

H = **1.40** (m)

W = **4.70** (m)

tc = **1.55** (m)

h = **0.05** (m)

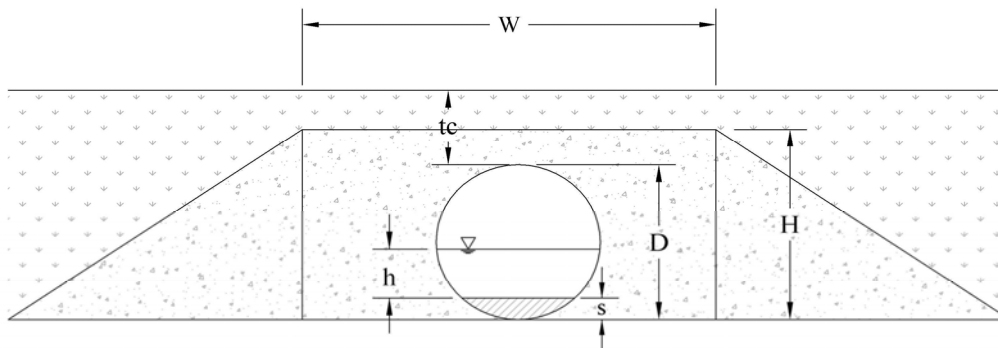
s = **0.00** (m)

Lake Side (Outlet)

KP: **176+500**

No.: **Pc157**

Date: **20-May-2013**



1Φ100

D = **1.00** (m)

L = **14.80** (m)

H = **1.35** (m)

W = **1.30** (m)

tc = **1.22** (m)

h = **0.30** (m)

s = **0.00** (m)

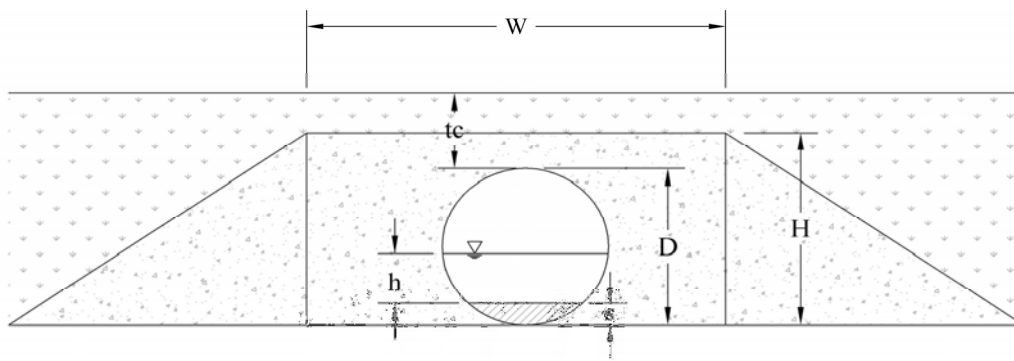
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **176+700**

No.: **Pc158**

Date: **20-May-2013**



1Φ100

D = **1.00** (m)

L = **14.50** (m)

H = **1.10** (m)

W = **0.95** (m)

tc = **1.15** (m)

h = **1.10** (m)

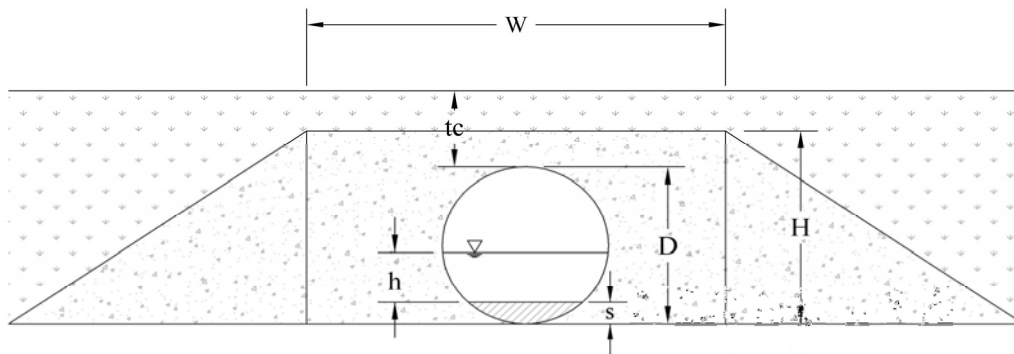
s = **0.00** (m)

Lake Side (Outlet)

KP: **177+900**

No.: **Pc159**

Date: **20-May-2013**



1Φ80

D = **0.80** (m)

L = **14.50** (m)

H = **1.00** (m)

W = **1.00** (m)

tc = **1.15** (m)

h = **0.15** (m)

s = **0.00** (m)

Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **180+500**

No.: **Pc160**

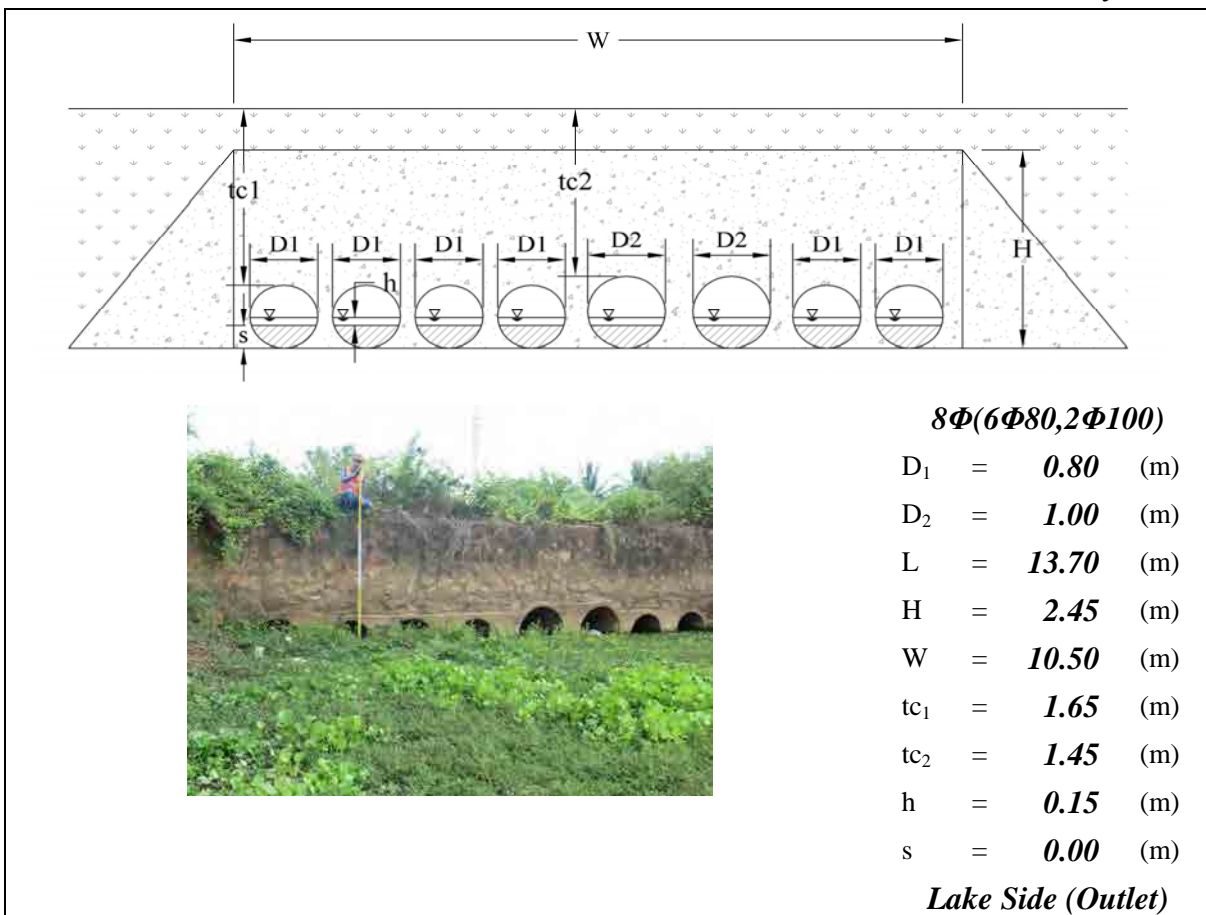
Date: **20-May-2013**



KP: **182+600**

No.: **Pc161**

Date: **20-May-2013**

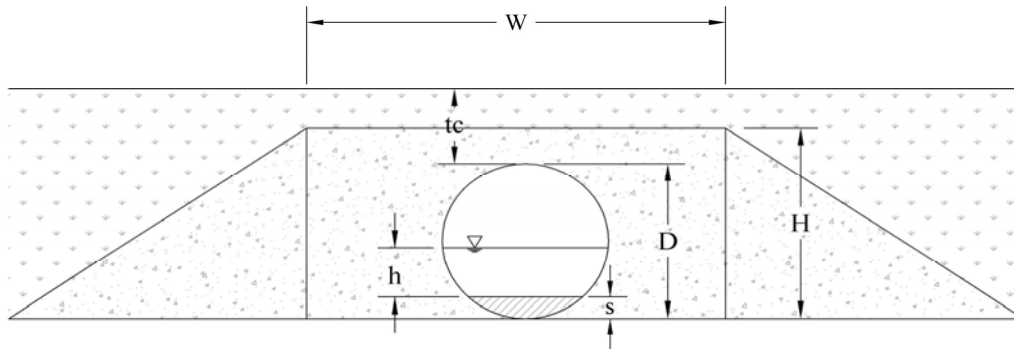


Note: PC means Pipe Culvert, D/D₁/D₂=Diameter, L=Total Length, H=Total Height, W=Width, tc/tc₁/tc₂=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **192+100**

No.: **Pc162**

Date: **21-May-2013**



1Φ80

D = **0.80** (m)

L = **13.50** (m)

H = **1.10** (m)

W = **0.95** (m)

tc = **0.95** (m)

h = **0.00** (m)

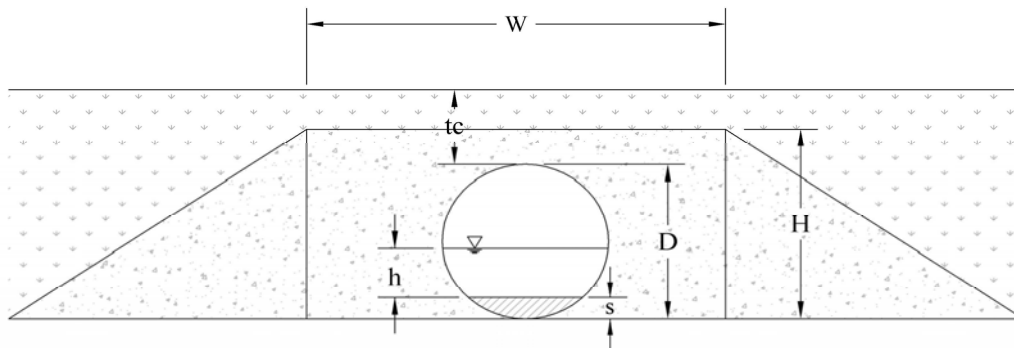
s = **0.00** (m)

Lake Side (Outlet)

KP: **192+700**

No.: **Pc163**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **17.30** (m)

H = **1.60** (m)

W = **1.50** (m)

tc = **1.60** (m)

h = **0.00** (m)

s = **0.00** (m)

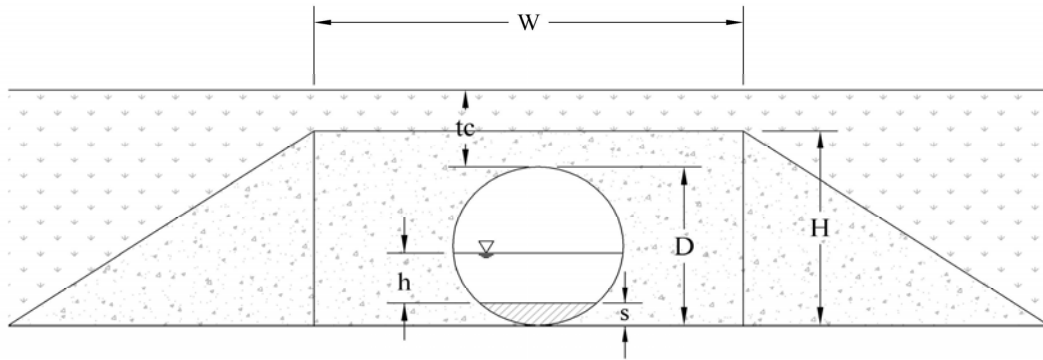
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height,

KP: **193+600**

No.: **Pc164**

Date: **21-May-2013**



1Φ100

$D = 1.00$ (m)

$L = 13.60$ (m)

$H = 1.30$ (m)

$W = 1.25$ (m)

$tc = 1.05$ (m)

$h = 0.15$ (m)

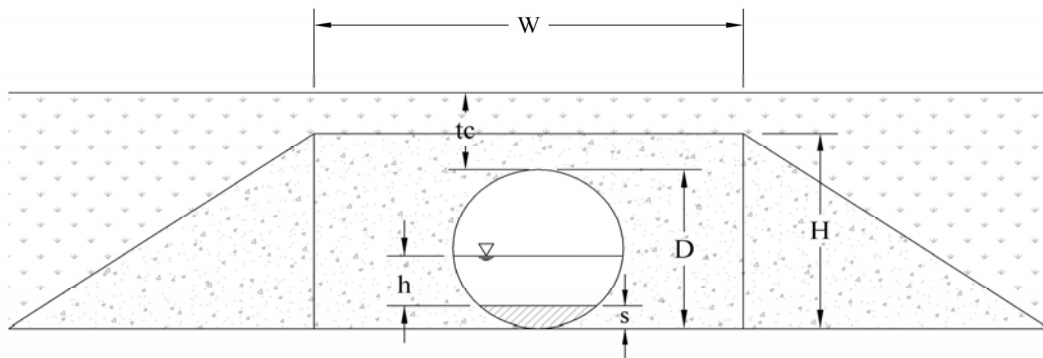
$s = 0.10$ (m)

Lake Side (Outlet)

KP: **194+100**

No.: **Pc165**

Date: **21-May-2013**



1Φ120

$D = 1.20$ (m)

$L = 16.00$ (m)

$H = 1.60$ (m)

$W = 1.50$ (m)

$tc = 1.55$ (m)

$h = 0.00$ (m)

$s = 0.05$ (m)

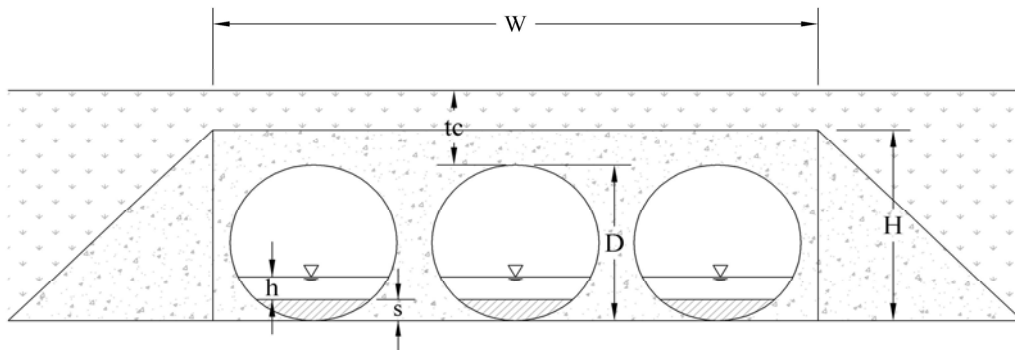
Lake Side (Outlet)

Note: PC means Pipe Culvert, D =Diameter, L =Total Length, H =Total Height, W =Width, tc =Height of Soil over Top, h =Water Depth, s =Deposition Height, River means the Tonle Sap River

KP: **194+400**

No.: **Pc166**

Date: **21-May-2013**



3Φ120

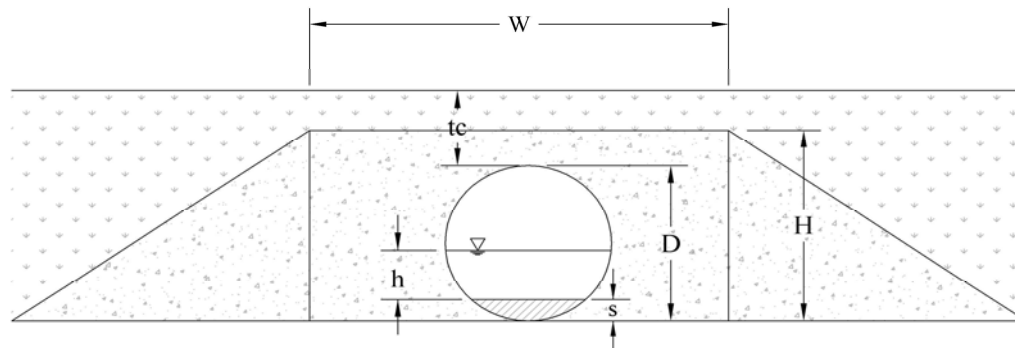
- D = **1.20** (m)
- L = **14.80** (m)
- H = **1.60** (m)
- W = **5.25** (m)
- tc = **1.00** (m)
- h = **0.00** (m)
- s = **0.00** (m)

Lake Side (Outlet)

KP: **197+300**

No.: **Pc167**

Date: **21-May-2013**



1Φ100

- D = **1.00** (m)
- L = **13.50** (m)
- H = **1.35** (m)
- W = **1.25** (m)
- tc = **0.90** (m)
- h = **0.05** (m)
- s = **0.00** (m)

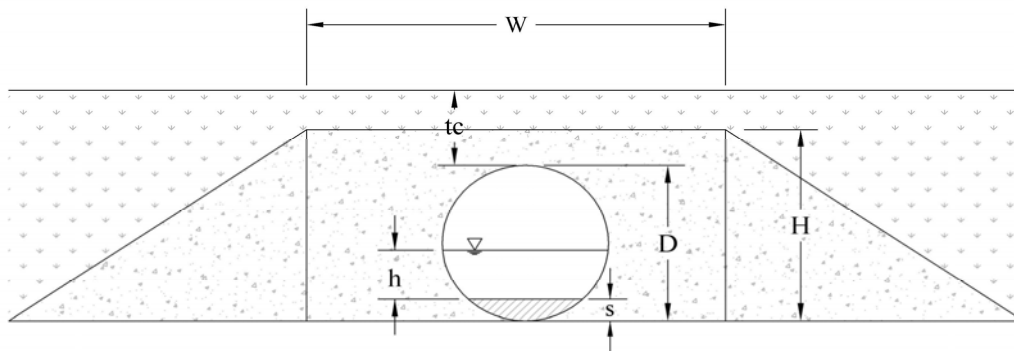
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **198+800**

No.: **Pc168**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **13.40** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **0.65** (m)

h = **0.00** (m)

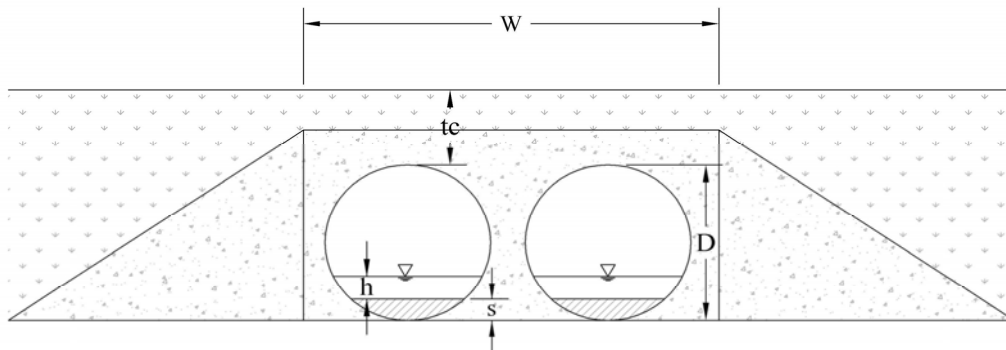
s = **0.00** (m)

Lake Side (Outlet)

KP: **200+300**

No.: **Pc169**

Date: **21-May-2013**



2Φ100

D = **1.00** (m)

L = **13.50** (m)

H = **1.35** (m)

W = **3.00** (m)

tc = **0.90** (m)

h = **0.00** (m)

s = **0.00** (m)

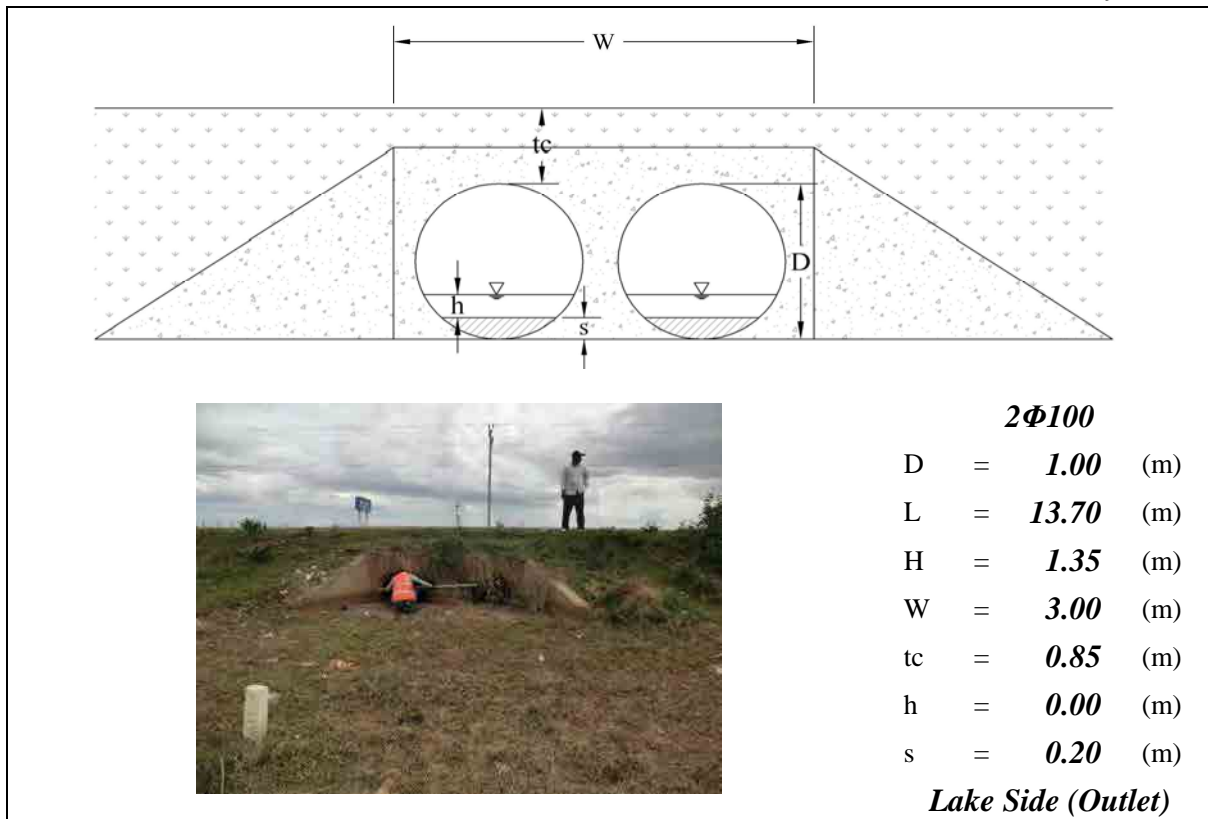
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **203+400**

No.: **Pc170**

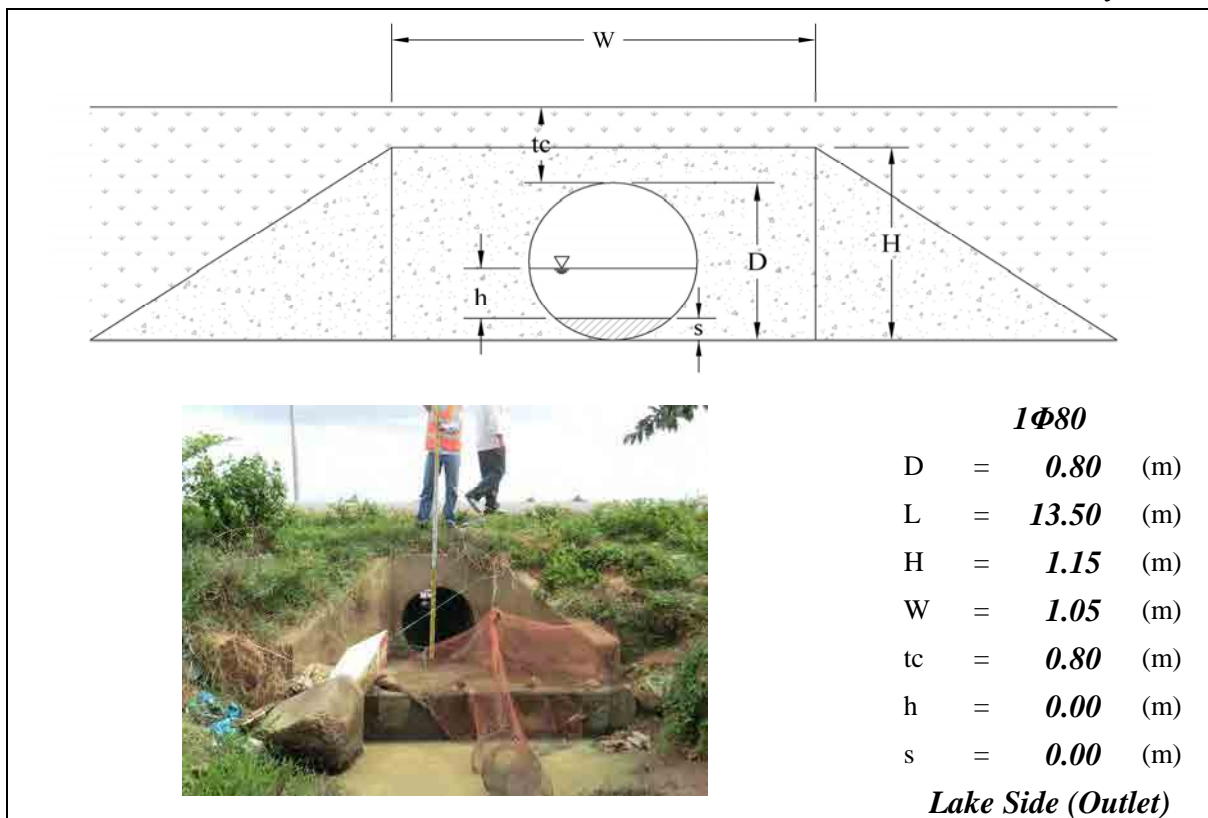
Date: **21-May-2013**



KP: **204+000**

No.: **Pc171**

Date: **21-May-2013**

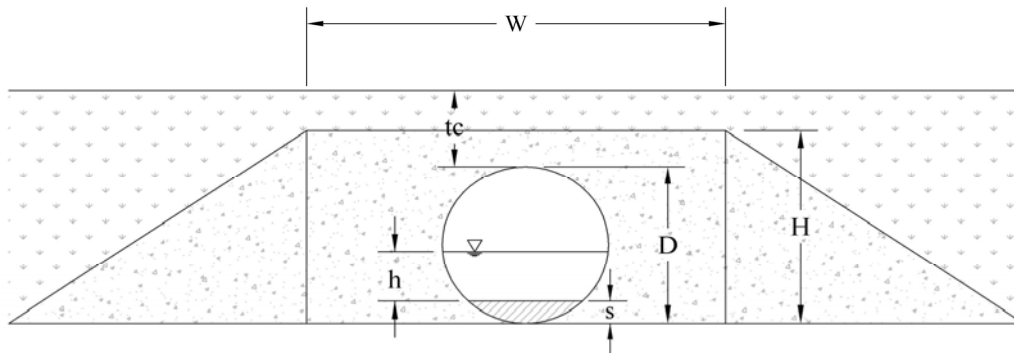


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **204+700**

No.: **Pc172**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **13.60** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **1.00** (m)

h = **0.00** (m)

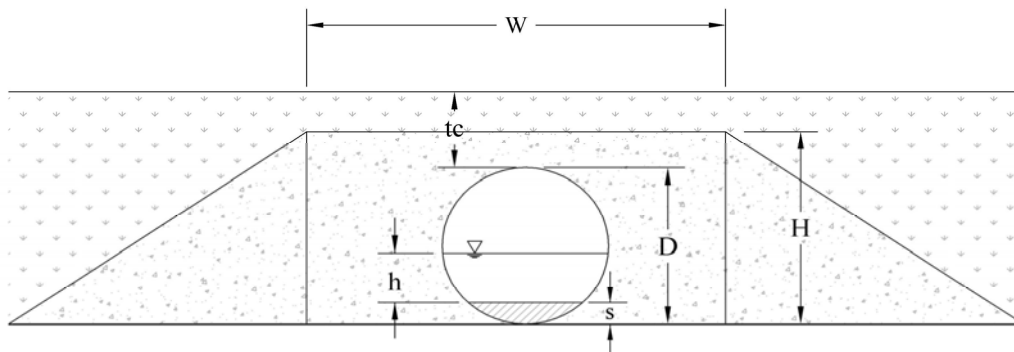
s = **0.20** (m)

Lake Side (Outlet)

KP: **206+600**

No.: **Pc173**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **14.80** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **0.98** (m)

h = **0.00** (m)

s = **0.00** (m)

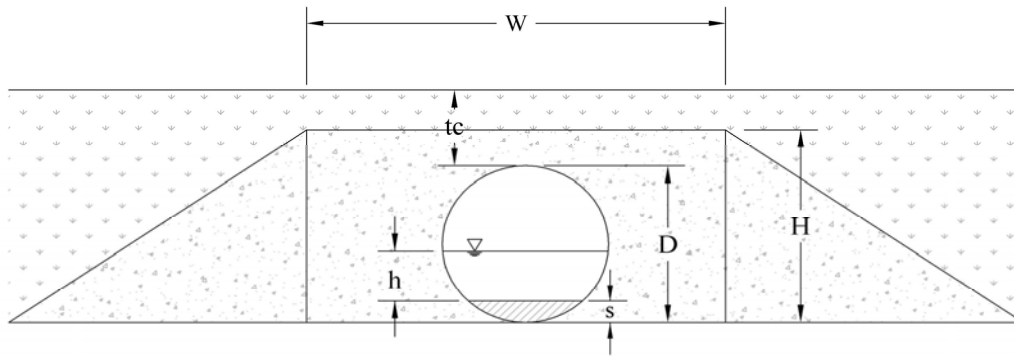
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **206+300**

No.: **Pc174**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **14.70** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **1.10** (m)

h = **0.00** (m)

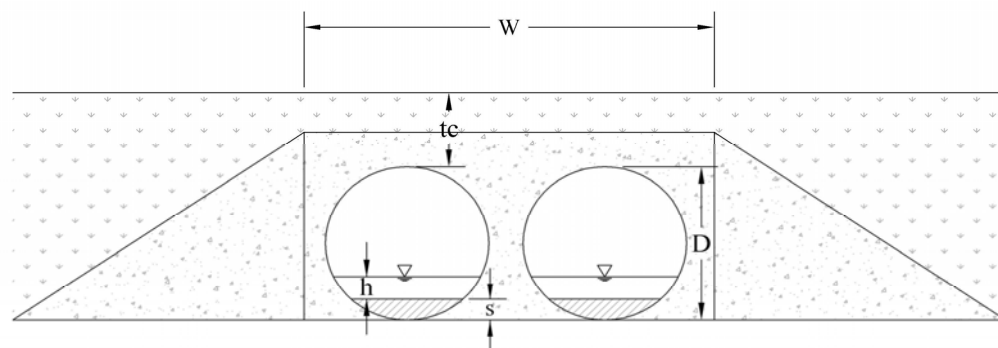
s = **0.00** (m)

Lake Side (Outlet)

KP: **207+200**

No.: **Pc175**

Date: **21-May-2013**



2Φ100

D = **1.00** (m)

L = **16.10** (m)

H = **1.35** (m)

W = **3.00** (m)

tc = **1.45** (m)

h = **0.00** (m)

s = **0.10** (m)

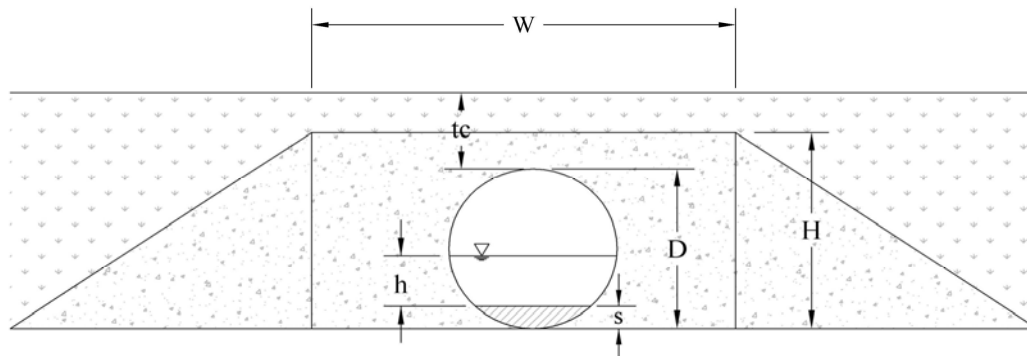
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, flood occurred among Pc032 ~ Pc035 from eastern mountain side (Tonle Sap River side)

KP: **207+400**

No.: **Pc176**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **16.00** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **1.68** (m)

h = **0.00** (m)

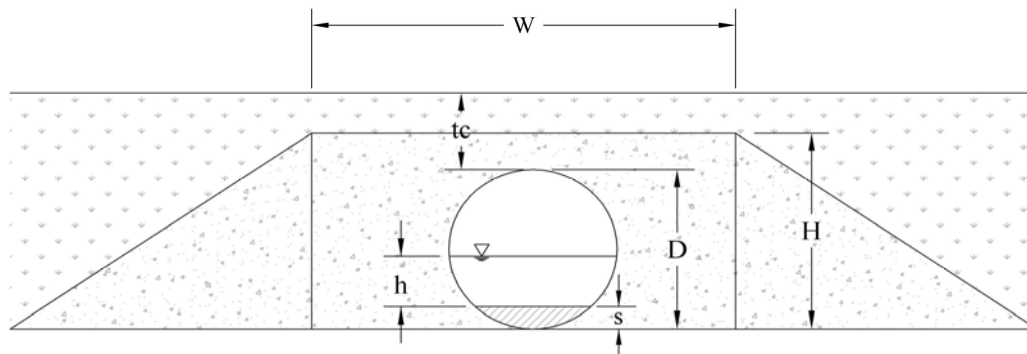
s = **0.10** (m)

Lake Side (Outlet)

KP: **210+300**

No.: **Pc177**

Date: **21-May-2013**



1Φ120

D = **1.20** (m)

L = **14.90** (m)

H = **1.60** (m)

W = **1.40** (m)

tc = **1.45** (m)

h = **0.00** (m)

s = **0.15** (m)

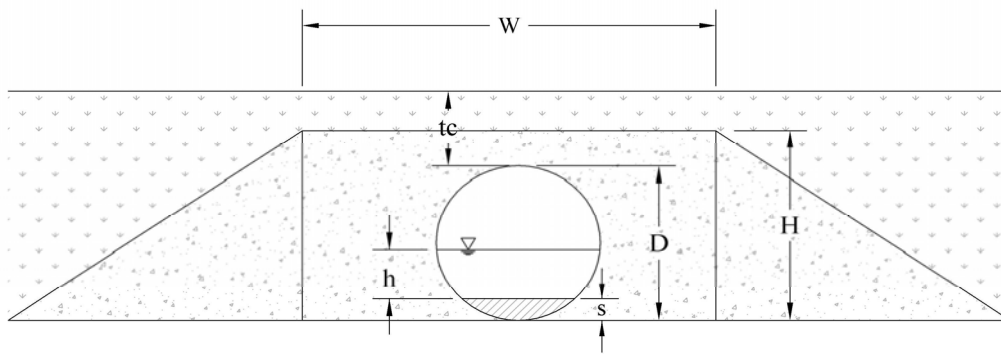
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, flood occurred among Pc032 ~ Pc035 from eastern mountain side (Tonle Sap River side)

KP: **211+100**

No.: **Pc178**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **13.50** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **0.90** (m)

h = **0.00** (m)

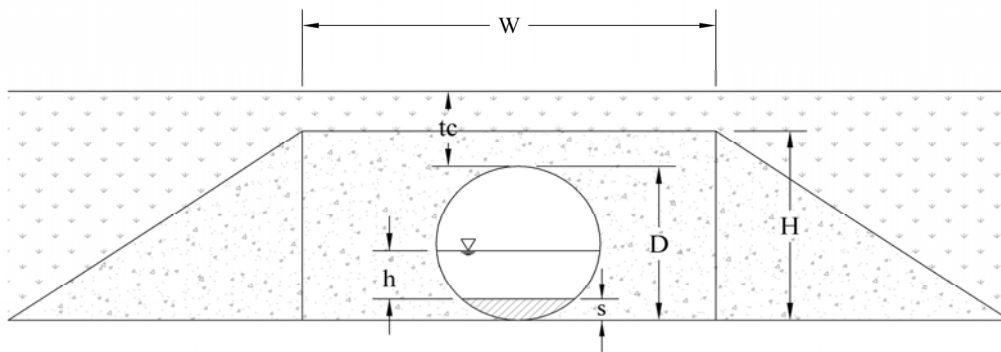
s = **0.20** (m)

Lake Side (Outlet)

KP: **211+400**

No.: **Pc179**

Date: **21-May-2013**



1Φ100

D = **1.00** (m)

L = **13.60** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **0.95** (m)

h = **0.00** (m)

s = **0.40** (m)

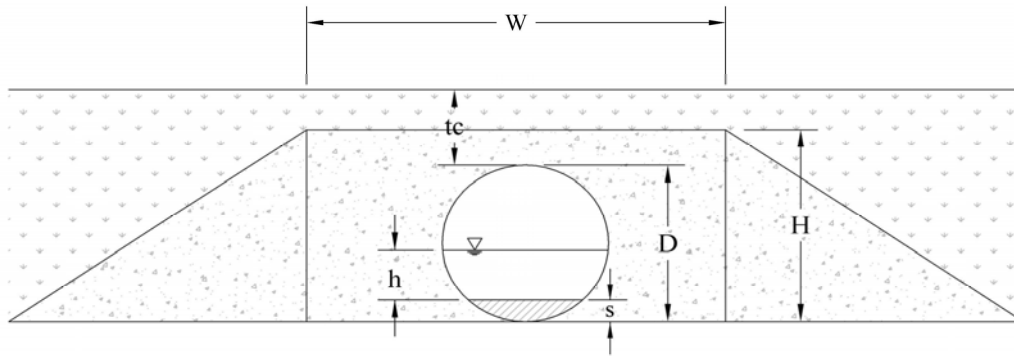
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height,

KP: **211+500**

No.: **Pc180**

Date: **21-May-2013**



1Φ80

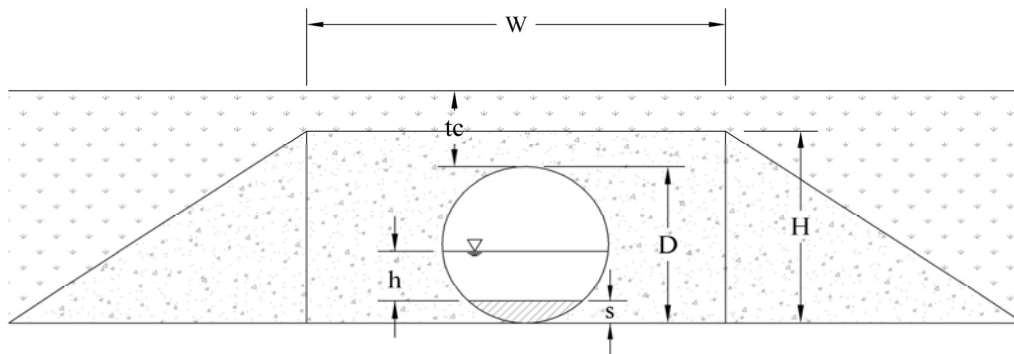
D	=	0.80	(m)
L	=	13.60	(m)
H	=	1.10	(m)
W	=	1.05	(m)
tc	=	0.65	(m)
h	=	0.00	(m)
s	=	0.30	(m)

Lake Side (Outlet)

KP: **212+800**

No.: **Pc181**

Date: **22-May-2013**



1Φ100

D	=	1.00	(m)
L	=	13.60	(m)
H	=	1.35	(m)
W	=	1.20	(m)
tc	=	0.35	(m)
h	=	0.00	(m)
s	=	0.30	(m)

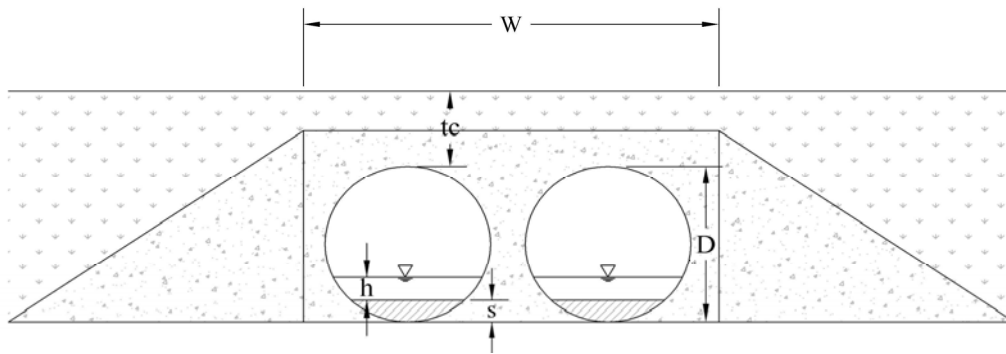
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **213+200**

No.: **Pc182**

Date: **22-May-2013**



2Φ100

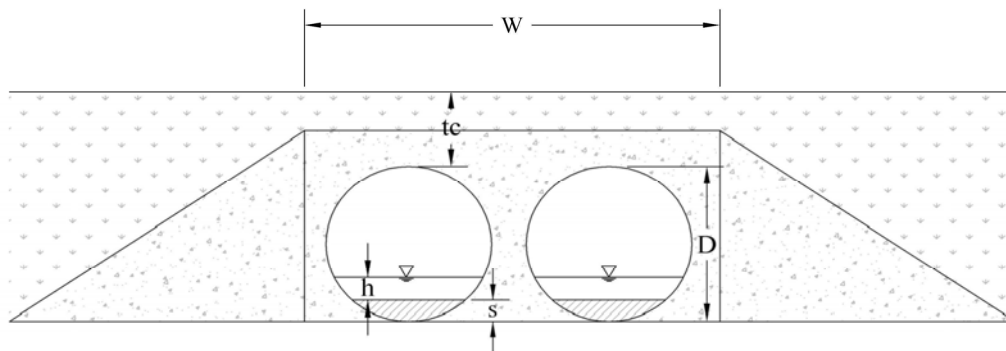
D	=	1.00	(m)
L	=	14.80	(m)
H	=	1.15	(m)
W	=	2.50	(m)
tc	=	0.43	(m)
h	=	0.00	(m)
s	=	0.40	(m)

Lake Side (Outlet)

KP: **213+500**

No.: **Pc183**

Date: **22-May-2013**



2Φ100

D	=	1.00	(m)
L	=	13.60	(m)
H	=	1.35	(m)
W	=	3.20	(m)
tc	=	1.00	(m)
h	=	0.00	(m)
s	=	0.20	(m)

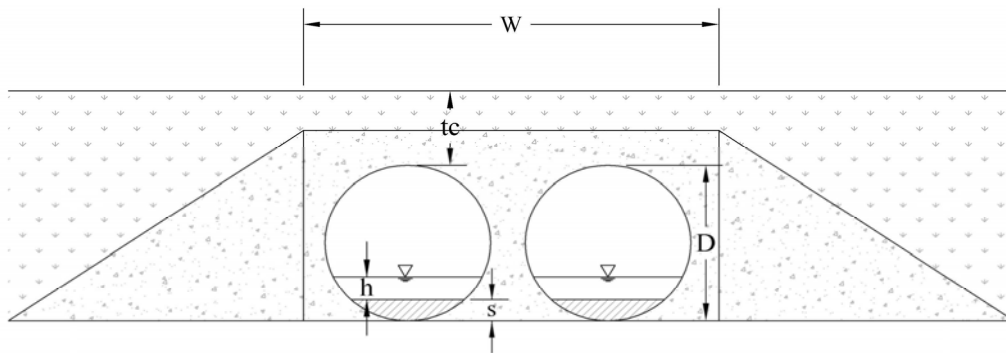
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **213+600**

No.: **Pc184**

Date: **22-May-2013**



2Φ80

D = **0.80** (m)

L = **13.50** (m)

H = **1.15** (m)

W = **2.60** (m)

tc = **1.00** (m)

h = **0.00** (m)

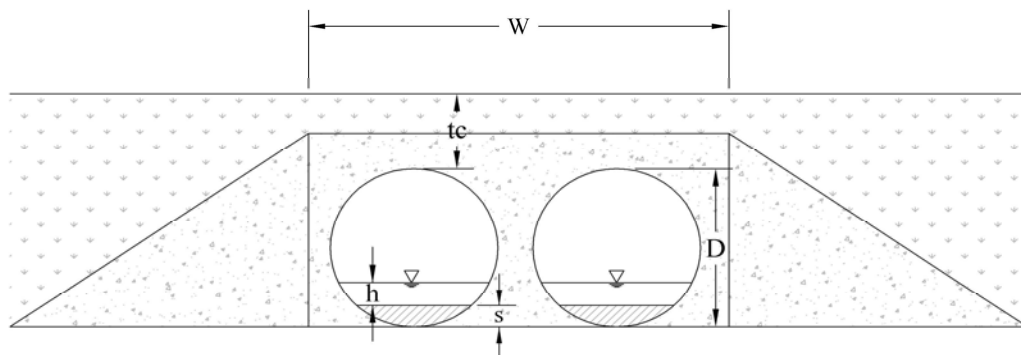
s = **0.30** (m)

Lake Side (Outlet)

KP: **214+500**

No.: **Pc185**

Date: **22-May-2013**



2Φ100

D = **1.00** (m)

L = **16.10** (m)

H = **1.40** (m)

W = **3.10** (m)

tc = **1.15** (m)

h = **0.00** (m)

s = **0.00** (m)

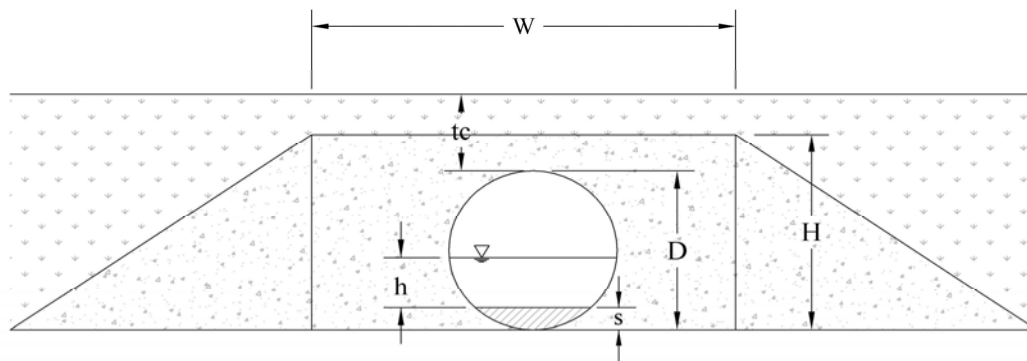
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **214+900**

No.: **Pc186**

Date: **22-May-2013**



1Φ100

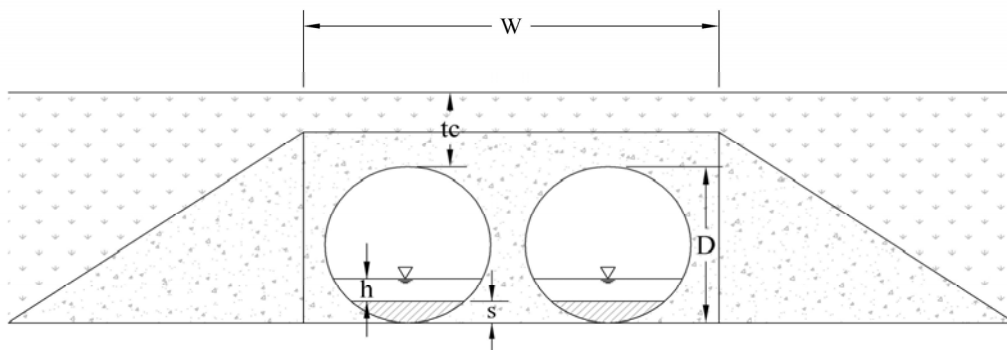
D	=	1.00	(m)
L	=	13.60	(m)
H	=	1.35	(m)
W	=	1.15	(m)
tc	=	0.75	(m)
h	=	0.00	(m)
s	=	0.00	(m)

Lake Side (Outlet)

KP: **216+800**

No.: **Pc187**

Date: **22-May-2013**



2Φ100

D	=	1.00	m
L	=	15.90	(m)
H	=	1.35	(m)
W	=	3.10	(m)
tc	=	1.45	(m)
h	=	0.00	(m)
s	=	0.20	(m)

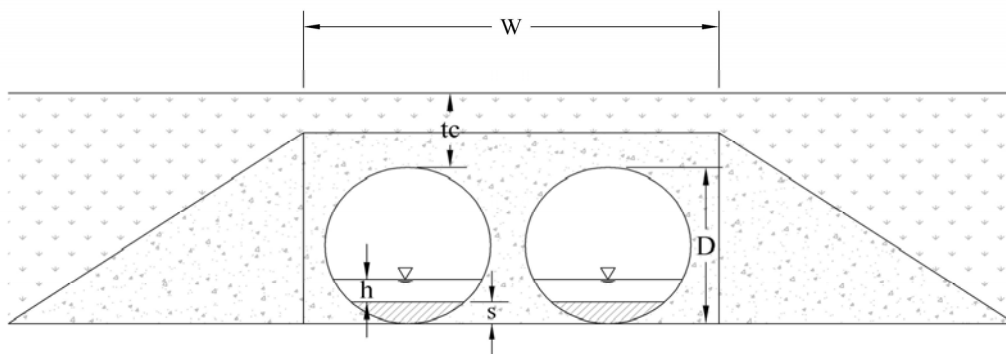
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **217+800**

No.: **Pc188**

Date: **22-May-2013**



2Φ100

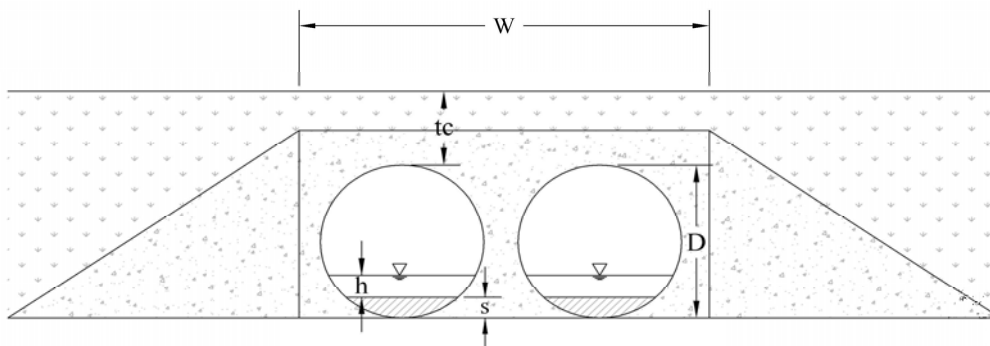
D	=	1.00	(m)
L	=	14.90	(m)
H	=	1.35	(m)
W	=	3.10	(m)
tc	=	1.05	(m)
h	=	0.00	(m)
s	=	0.00	(m)

Lake Side (Outlet)

KP: **218+300**

No.: **Pc189**

Date: **22-May-2013**



2Φ100

D	=	1.00	(m)
L	=	16.00	(m)
H	=	1.35	(m)
W	=	3.10	(m)
tc	=	1.35	(m)
h	=	0.00	(m)
s	=	0.20	(m)

Lake Side (Outlet)

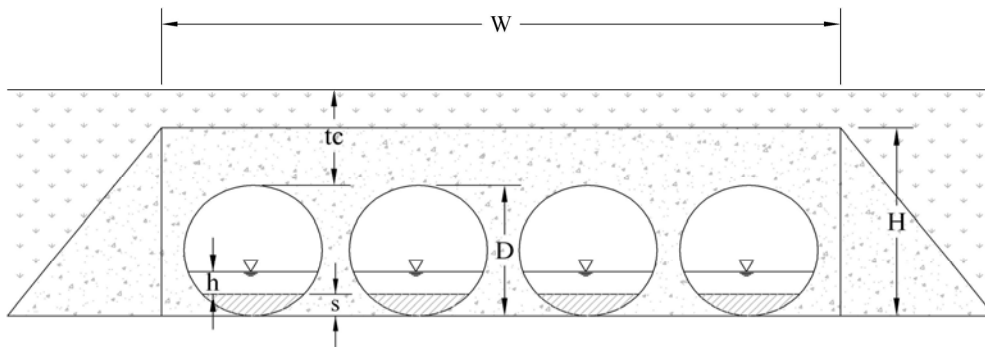
Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **224+700**

No.: **Pc190**

Date:

22-May-2013



4Φ100

D = **1.00** (m)

L = **11.10** (m)

H = **1.85** (m)

W = **5.30** (m)

tc = **1.20** (m)

h = **0.00** (m)

s = **0.00** (m)

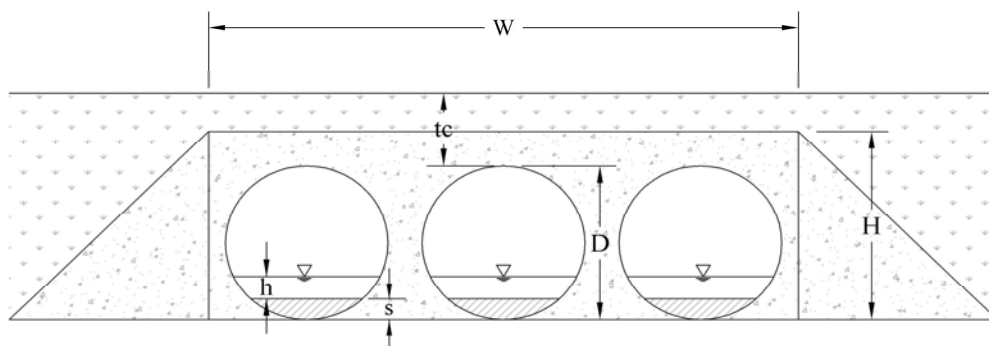
Lake Side (Outlet)

KP: **226+700**

No.: **Pc191**

Date:

22-May-2013



3Φ100

D = **1.00** (m)

L = **10.90** (m)

H = **1.85** (m)

W = **4.20** (m)

tc = **1.22** (m)

h = **0.00** (m)

s = **0.00** (m)

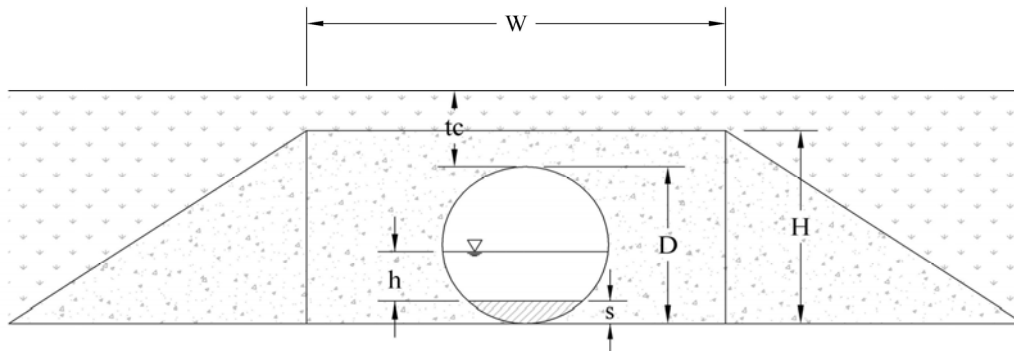
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **227+700**

No.: **Pc192**

Date: **22-May-2013**



1Φ100

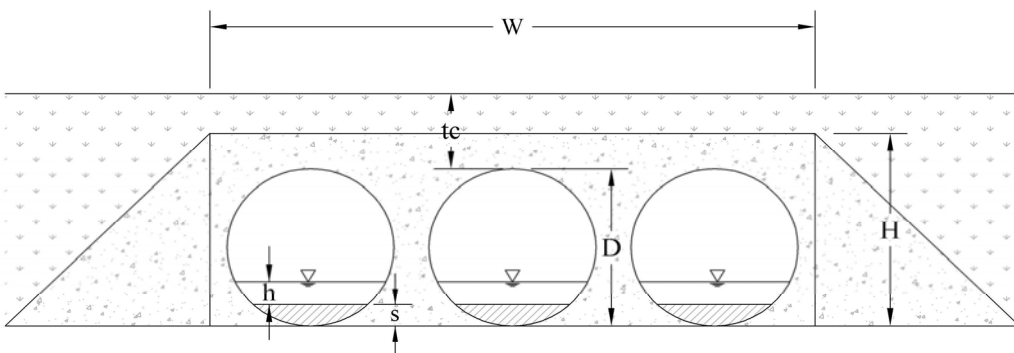
D	=	1.00	(m)
L	=	N/A	(m)
H	=	N/A	(m)
W	=	N/A	(m)
tc	=	N/A	(m)
h	=	N/A	(m)
s	=	N/A	(m)

Lake Side (Outlet)

KP: **228+000**

No.: **Pc193**

Date: **22-May-2013**



3Φ100

D	=	1.00	(m)
L	=	13.60	(m)
H	=	1.60	(m)
W	=	5.20	(m)
tc	=	1.00	(m)
h	=	0.00	(m)
s	=	0.00	(m)

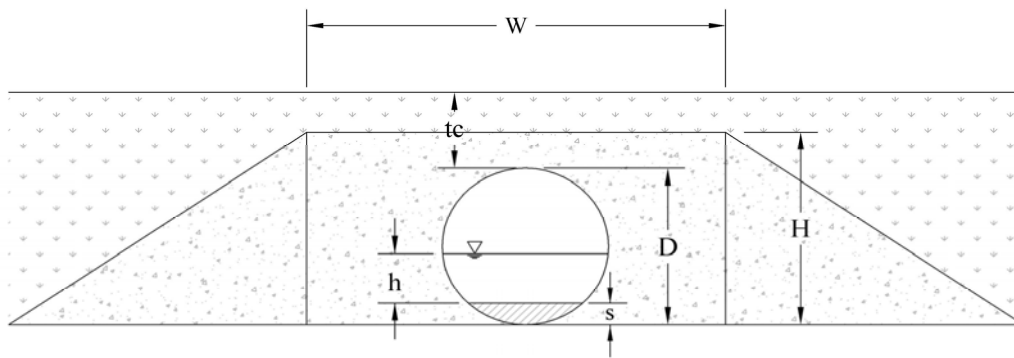
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **228+600**

No.: **Pc194**

Date: **22-May-2013**



1Φ100

D = **1.00** (m)

L = **11.70** (m)

H = **1.55** (m)

W = **1.15** (m)

tc = **1.03** (m)

h = **0.00** (m)

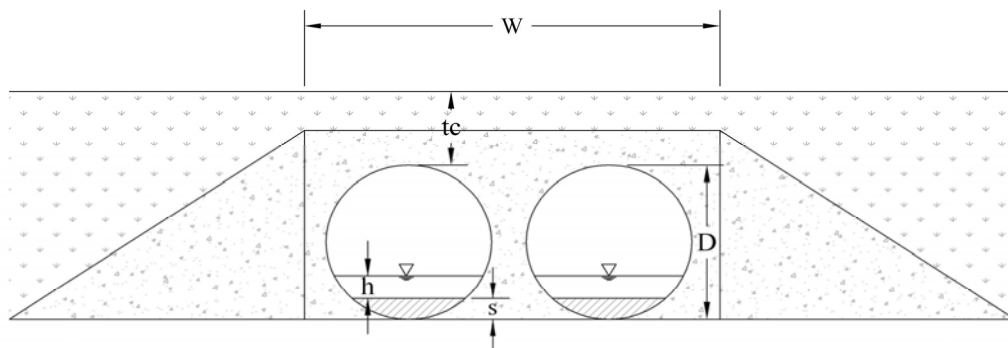
s = **0.10** (m)

Lake Side (Outlet)

KP: **230+700**

No.: **Pc195**

Date: **22-May-2013**



1Φ100

D = **1.00** (m)

L = **9.90** (m)

H = **1.70** (m)

W = **2.75** (m)

tc = **1.20** (m)

h = **0.00** (m)

s = **0.40** (m)

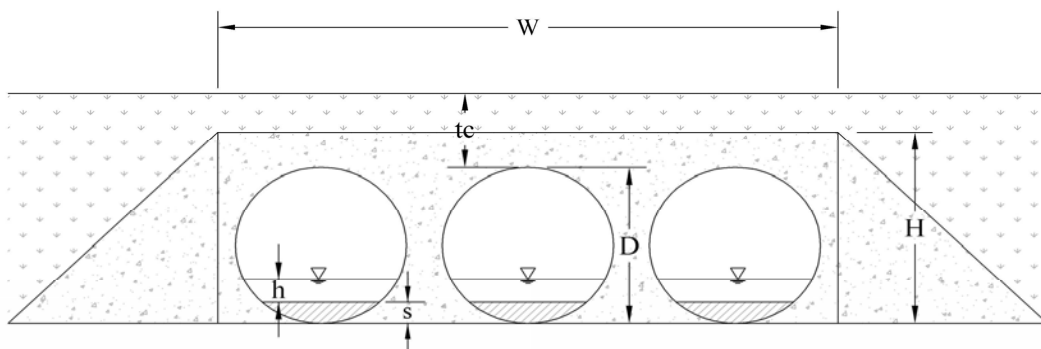
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **231+700**

No.: **Pc196**

Date: **22-May-2013**



3Φ100

D = **1.00** (m)

L = **10.90** (m)

H = **1.75** (m)

W = **4.00** (m)

tc = **1.40** (m)

h = **0.00** (m)

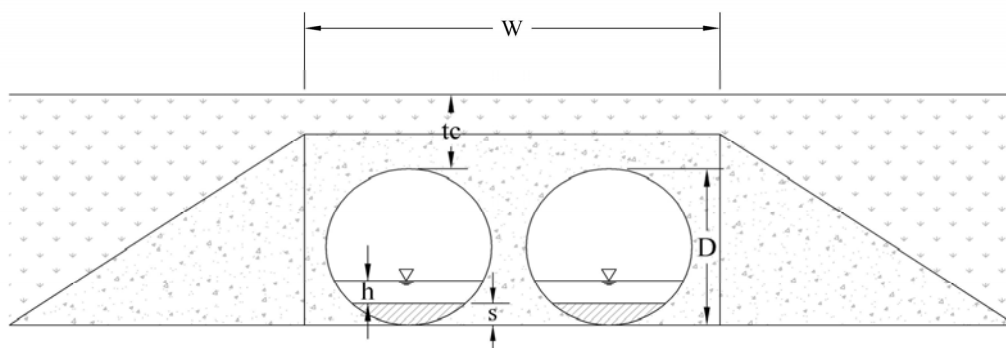
s = **0.25** (m)

Lake Side (Outlet)

KP: **232+200**

No.: **Pc197**

Date: **22-May-2013**



2Φ100

D = **1.00** (m)

L = **11.20** (m)

H = **1.70** (m)

W = **2.45** (m)

tc = **1.25** (m)

h = **0.00** (m)

s = **0.60** (m)

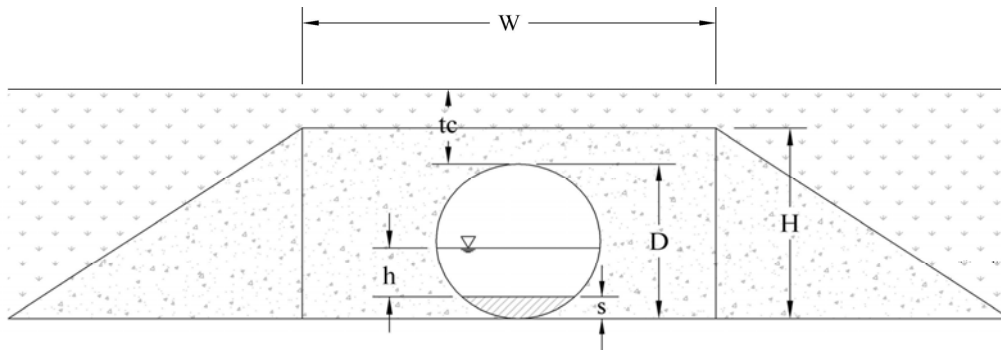
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **239+200**

No.: **Pc198**

Date: **23-May-2013**



1Φ100

D = **1.00** (m)

L = **16.00** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **1.20** (m)

h = **0.00** (m)

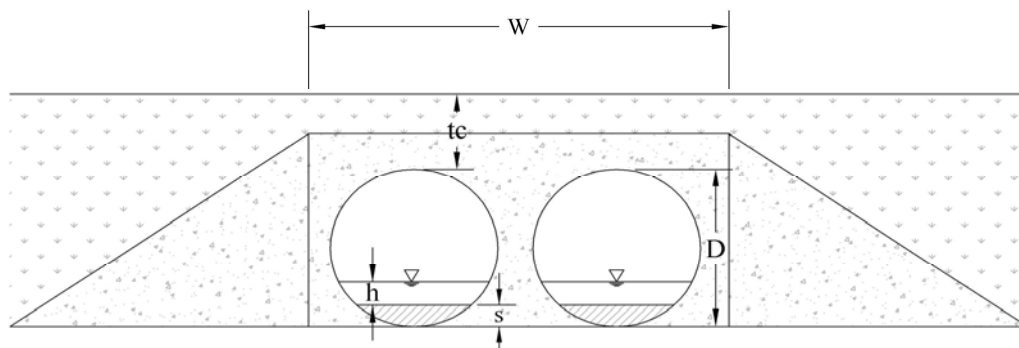
s = **0.20** (m)

Lake Side (Outlet)

KP: **250+100**

No.: **Pc199**

Date: **23-May-2013**



2Φ120

D = **1.20** (m)

L = **13.80** (m)

H = **1.55** (m)

W = **3.30** (m)

tc = **0.93** (m)

h = **0.00** (m)

s = **0.00** (m)

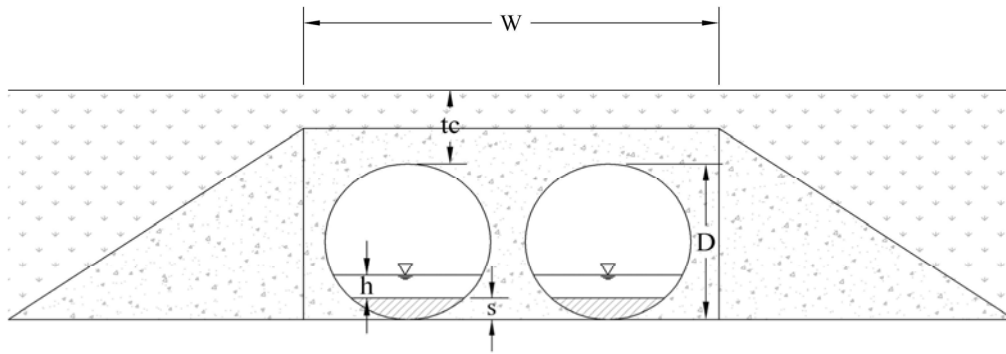
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **253+100**

No.: **Pc200**

Date: **23-May-2013**



2Φ120

D = **1.20** (m)

L = **16.10** (m)

H = **1.55** (m)

W = **3.30** (m)

tc = **1.25** (m)

h = **0.10** (m)

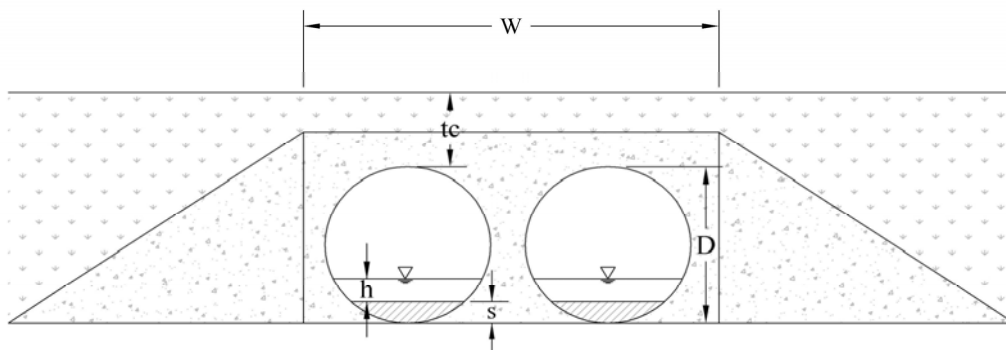
s = **0.00** (m)

Lake Side (Outlet)

KP: **253+600**

No.: **Pc201**

Date: **23-May-2013**



2Φ120

D = **1.20** (m)

L = **15.30** (m)

H = **1.55** (m)

W = **3.00** (m)

tc = **1.55** (m)

h = **0.00** (m)

s = **0.10** (m)

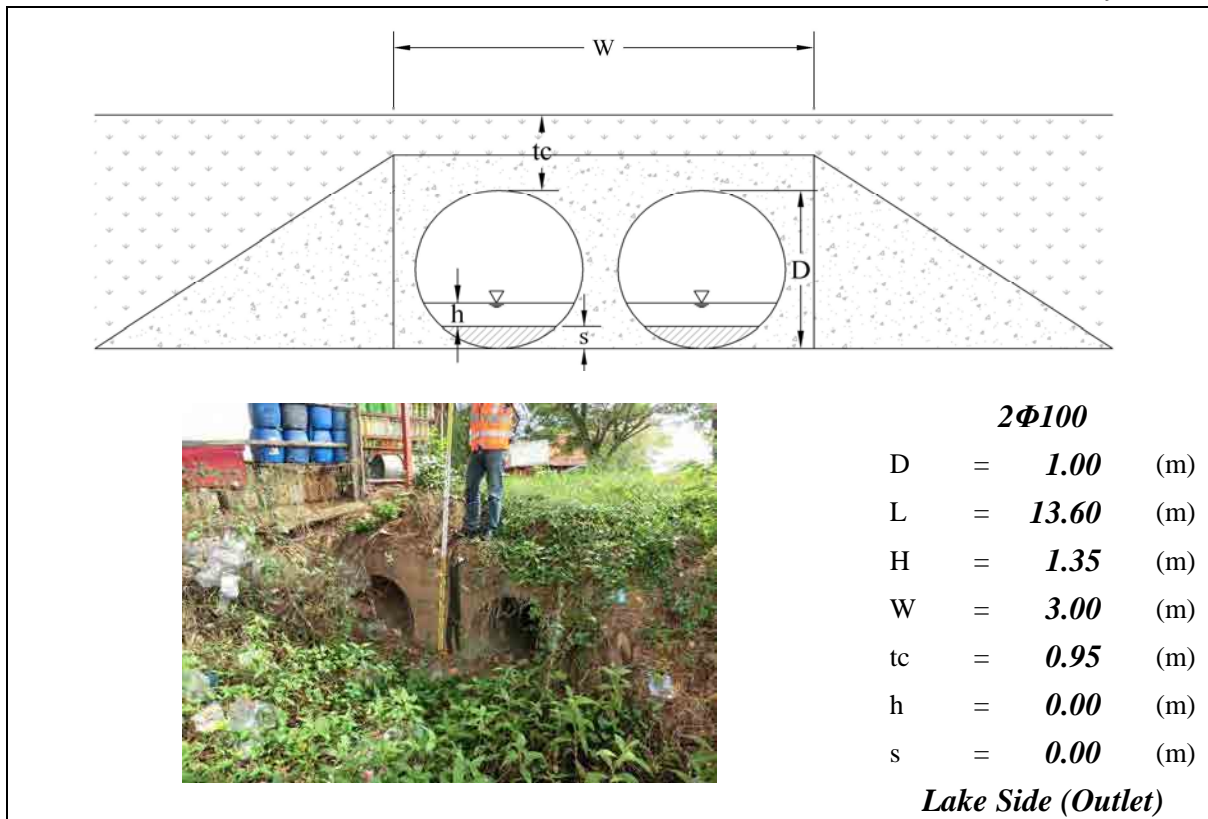
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **257+000**

No.: **Pc202**

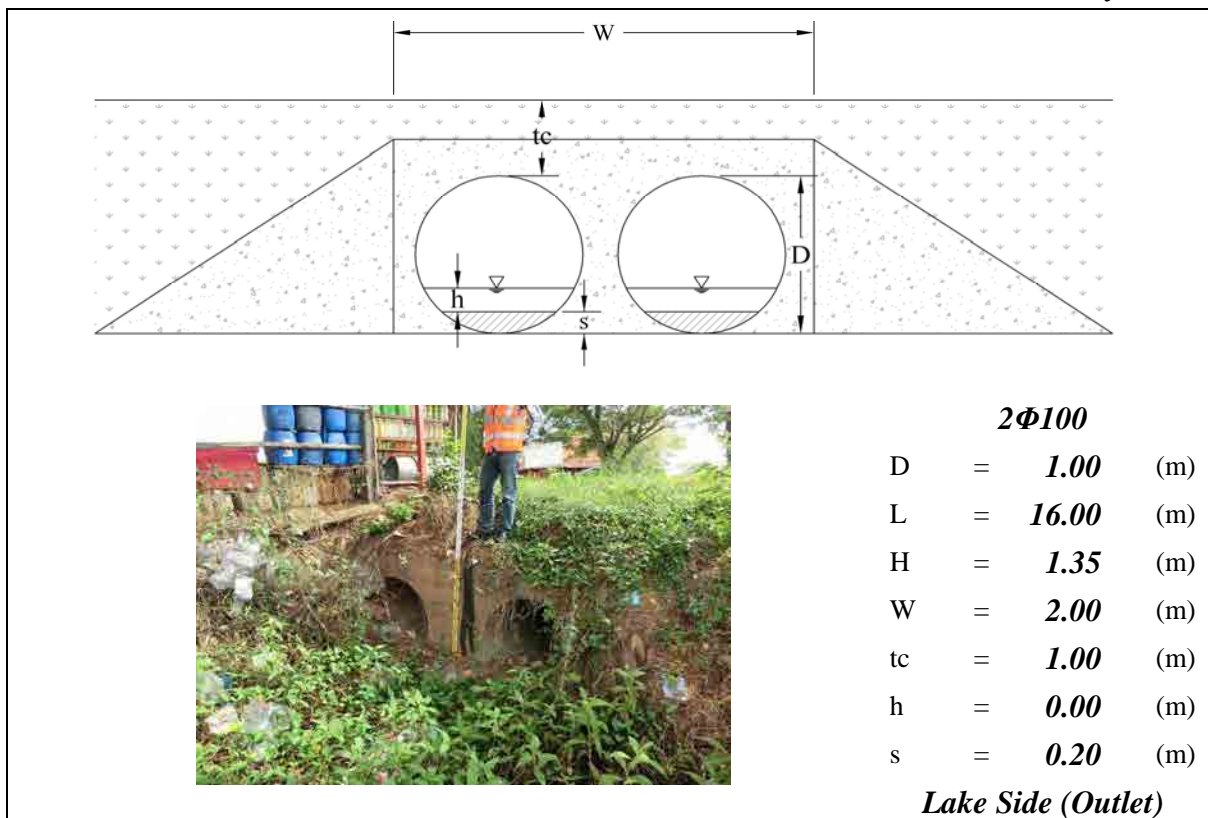
Date: **23-May-2013**



KP: **260+800**

No.: **Pc203**

Date: **23-May-2013**

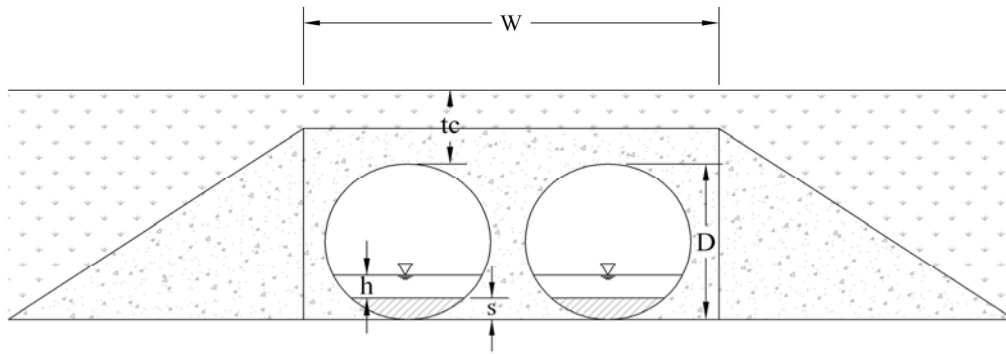


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **268+500**

No.: **Pc204**

Date: **24-May-2013**



2Φ100

D = **1.00** (m)

L = **17.20** (m)

H = **1.35** (m)

W = **2.80** (m)

tc = **1.20** (m)

h = **0.00** (m)

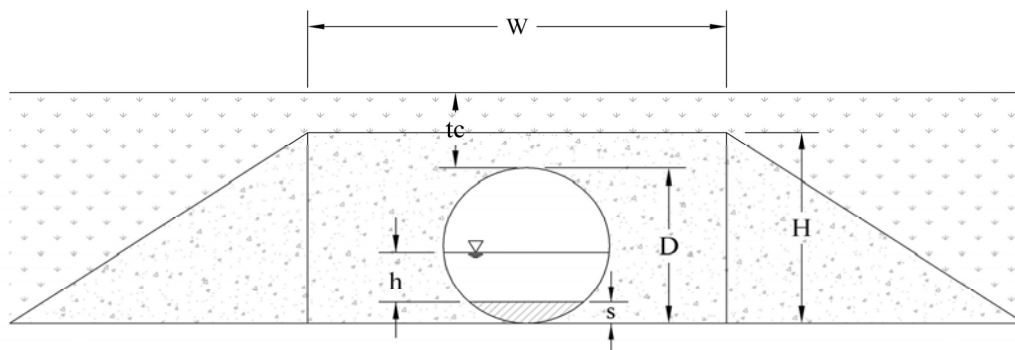
s = **0.10** (m)

Lake Side (Outlet)

KP: **269+600**

No.: **Pc205**

Date: **24-May-2013**



1Φ100

D = **1.00** (m)

L = **18.30** (m)

H = **1.40** (m)

W = **1.30** (m)

tc = **1.85** (m)

h = **0.00** (m)

s = **0.30** (m)

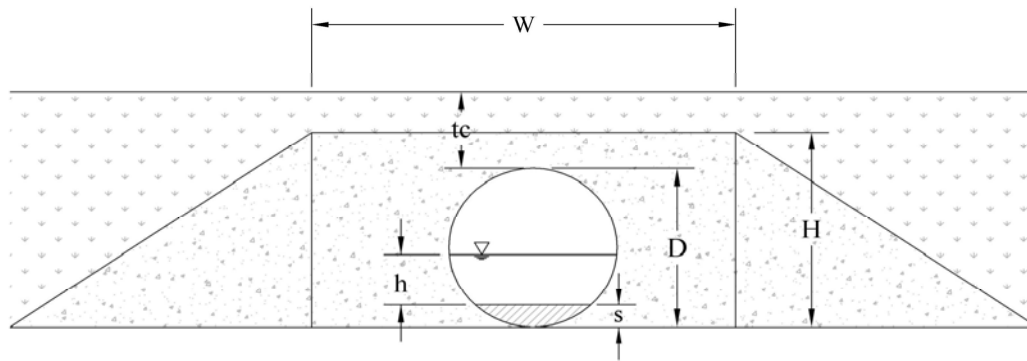
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: 272+200

No.: Pc206

Date: 24-May-2013



1Φ100

D = 1.00 (m)

L = 16.10 (m)

H = 1.55 (m)

W = 1.40 (m)

tc = 0.89 (m)

h = 0.00 (m)

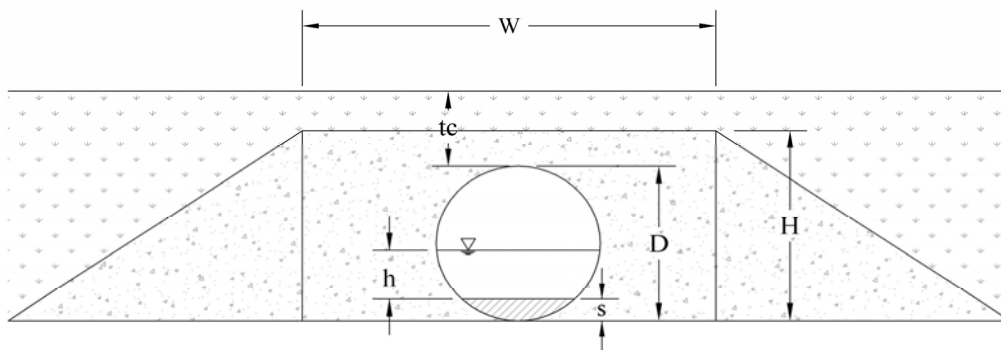
s = 0.00 (m)

Lake Side (Outlet)

KP: 275+000

NO.: Pc207

Date: 26-May-2013



1Φ80

D = 0.80 (m)

L = 14.60 (m)

H = 1.10 (m)

W = 2.20 (m)

tc = 0.30 (m)

h = 0.07 (m)

s = 0.01 (m)

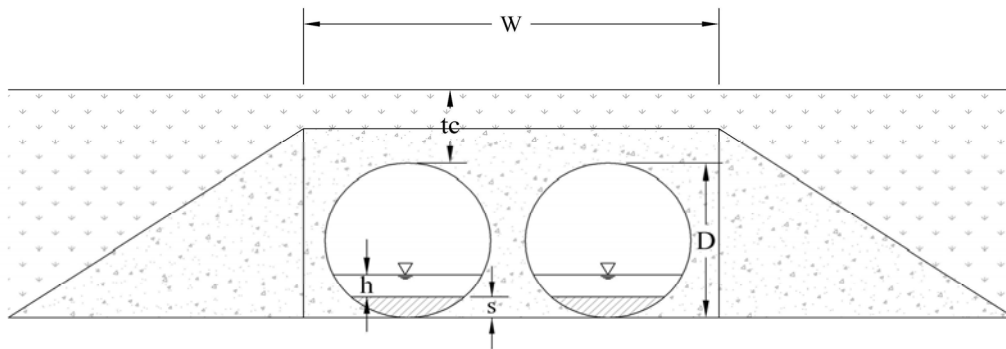
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **278+000**

NO.: **Pc208**

Date: **26-May-2013**



2Φ120

D = **1.20** (m)

L = **14.50** (m)

H = **1.60** (m)

W = **3.30** (m)

tc = **0.72** (m)

h = **0.00** (m)

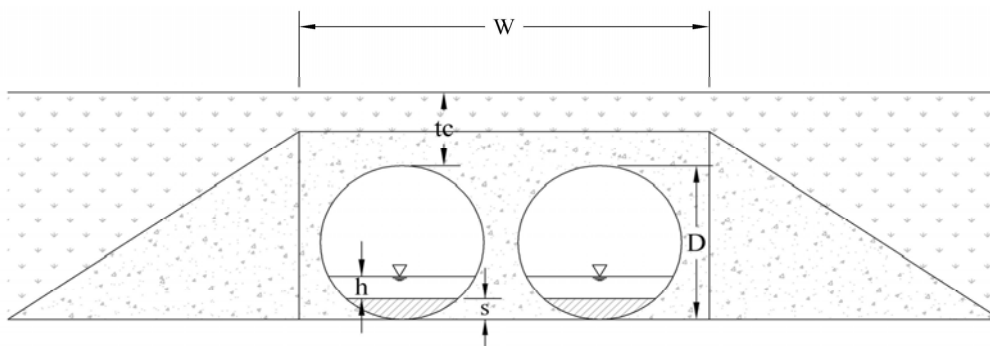
s = **0.40** (m)

Lake Side (Outlet)

KP: **279+200**

No.: **Pc209**

Date: **26-May-2013**



2Φ120

D = **1.20** (m)

L = **13.80** (m)

H = **1.60** (m)

W = **3.85** (m)

tc = **0.70** (m)

h = **0.00** (m)

s = **0.00** (m)

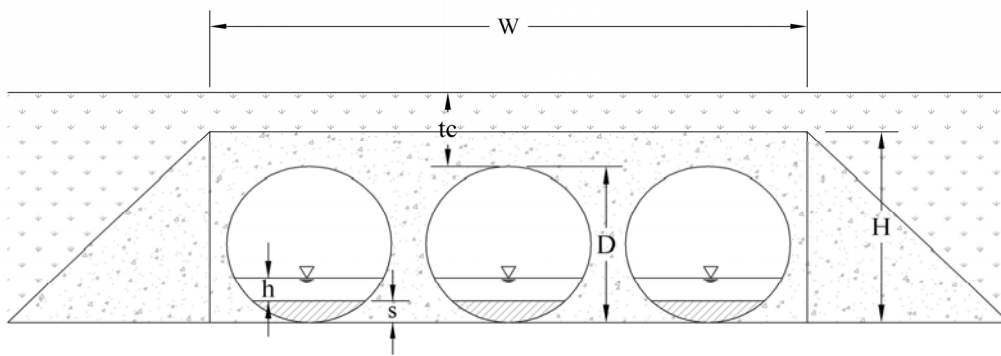
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **282+300**

No.: **Pc210**

Date: **27-May-2013**



3Φ120

D = **1.20** (m)

L = **13.70** (m)

H = **1.20** (m)

W = **3.75** (m)

tc = **0.74** (m)

h = **0.00** (m)

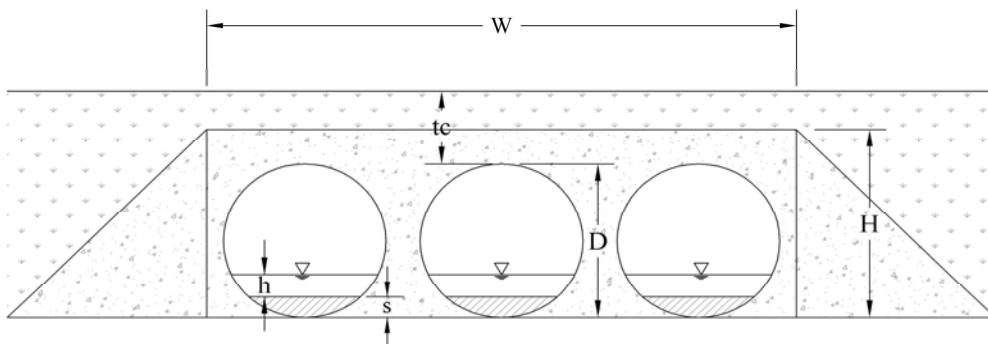
s = **0.15** (m)

Lake Side (Outlet)

KP: **283+100**

No.: **Pc211**

Date: **27-May-2013**



3Φ120

D = **1.20** (m)

L = **13.80** (m)

H = **1.60** (m)

W = **5.35** (m)

tc = **0.88** (m)

h = **0.00** (m)

s = **0.30** (m)

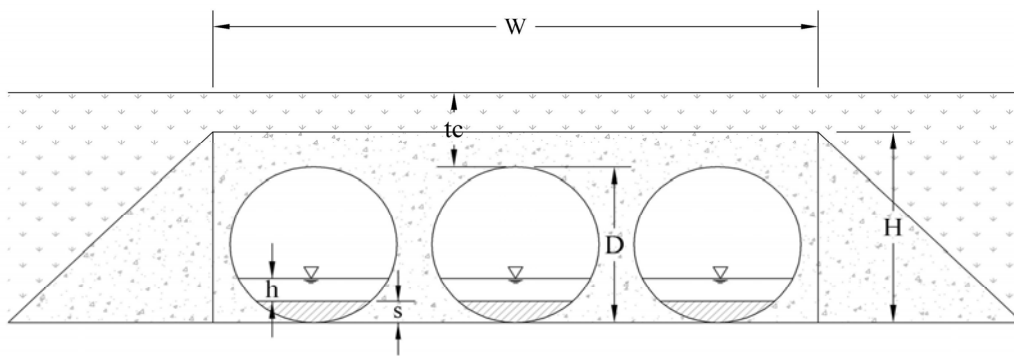
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **284+300**

No.: **Pc212**

Date: **27-May-2013**



3Φ120

D = **1.20** (m)

L = **12.50** (m)

H = **1.60** (m)

W = **5.25** (m)

tc = **0.80** (m)

h = **0.10** (m)

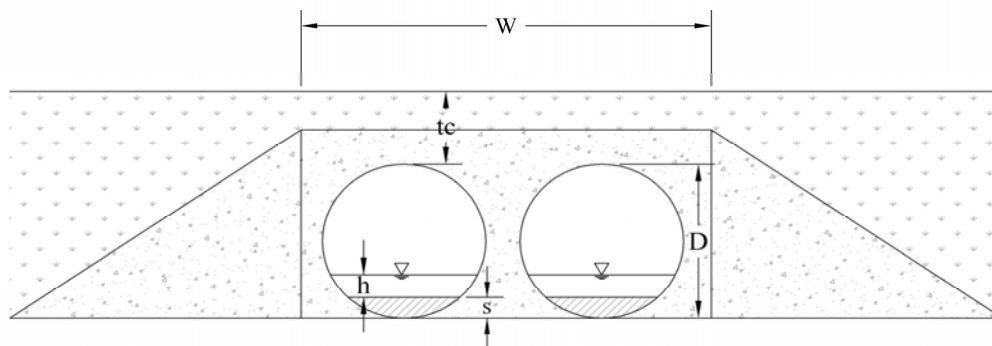
s = **0.10** (m)

Lake Side (Outlet)

KP: **285+600**

No.: **Pc213**

Date: **27-May-2013**



2Φ120

D = **1.20** (m)

L = **14.50** (m)

H = **1.60** (m)

W = **3.00** (m)

tc = **1.00** (m)

h = **1.60** (m)

s = **0.20** (m)

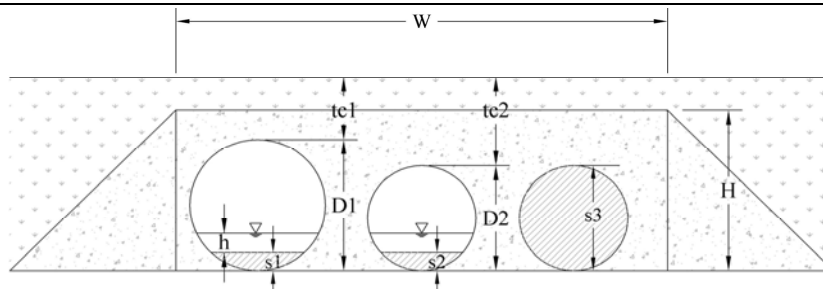
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **286+400**

No.: **Pc214**

Date: **27-May-2013**



3Φ150

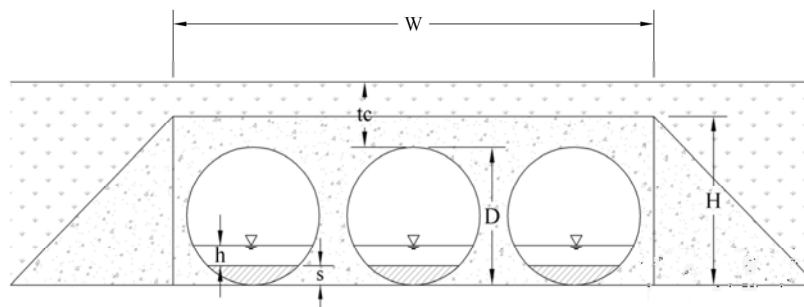
- $D_1 = 1.50$ (m)
- $D_2 = 1.20$ (m)
- $L = 24.30$ (m)
- $H = 1.80$ (m)
- $W = 5.65$ (m)
- $tc_1 = 2.50$ (m)
- $tc_2 = 2.80$ (m)
- $h = 0.00$ (m)
- $s_1 = 0.00$ (m)
- $s_2 = 0.50$ (m)
- $s_3 = 1.20$ (m)

Lake Side (Outlet)

KP: **288+000**

No.: **Pc215**

Date: **27-May-2013**



3Φ100

- $D = 1.00$ (m)
- $L = 32.80$ (m)
- $H = 1.30$ (m)
- $W = 3.50$ (m)
- $tc = 0.60$ (m)
- $h = 0.85$ (m)
- $s = 0.10$ (m)

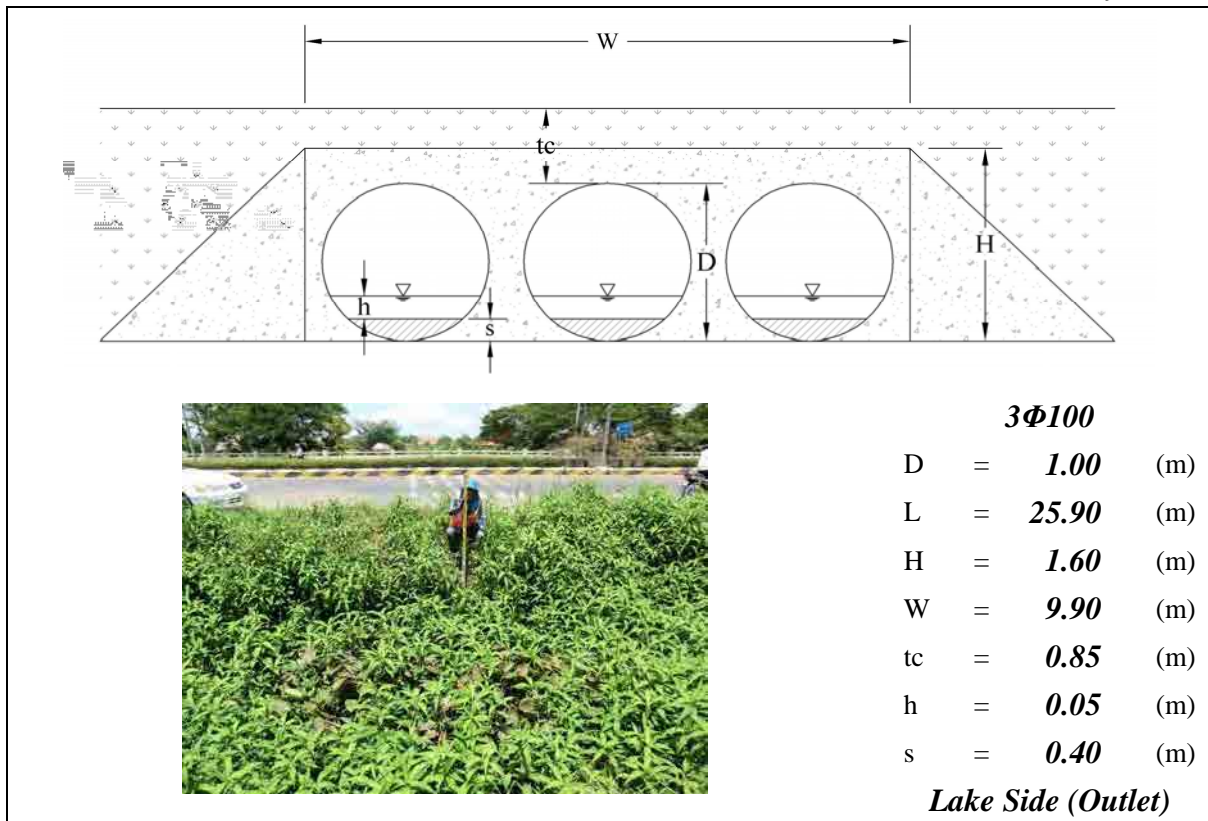
Lake Side (Outlet)

Note: PC means Pipe Culvert, $D/D_1/D_2$ =Diameter, L =Total Length, H =Total Height, W =Width, $tc/ tc_1/tc_2$ =Height of Soil over Top, h =Water Depth, $s/s_1/s_2/s_3$ =Deposition Height, River means the Tonle Sap River

KP: **288+400**

No.: **Pc216**

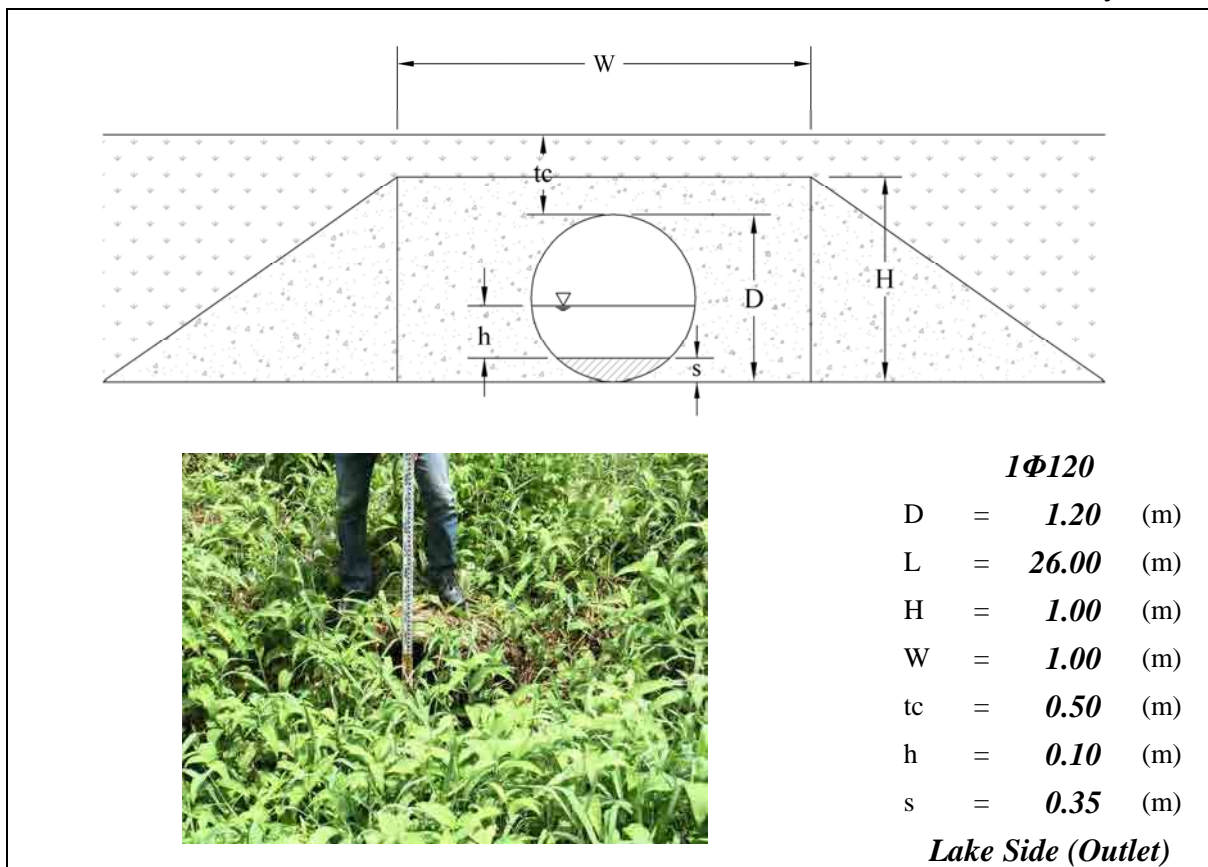
Date: **27-May-2013**



KP: **288+1000**

No.: **Pc217**

Date: **27-May-2013**

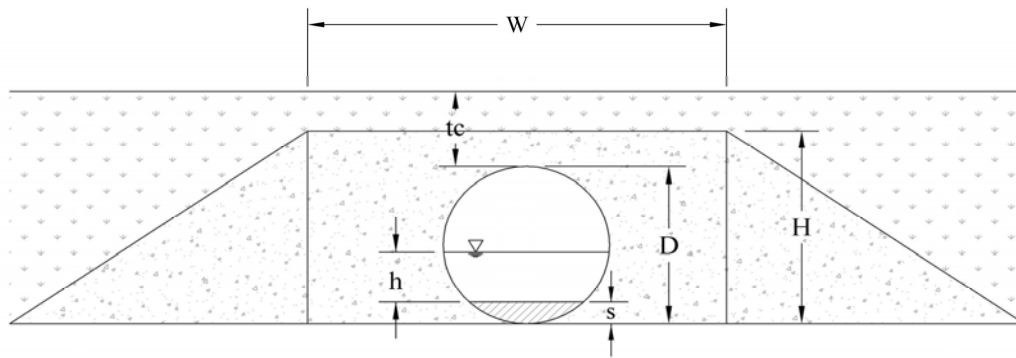


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, River means the Tonle Sap River

KP: **289+200**

No.: **Pc218**

Date: **27-May-2013**



1Φ80

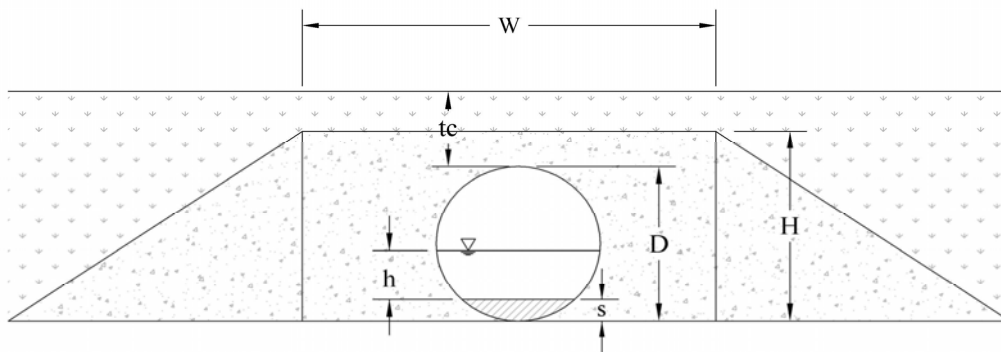
D	=	0.80	(m)
L	=	N/A	(m)
H	=	N/A	(m)
W	=	N/A	(m)
tc	=	N/A	(m)
h	=	N/A	(m)
s	=	N/A	(m)

Lake Side (Outlet)

KP: **290+300**

No.: **Pc219**

Date: **27-May-2013**



1Φ80

D	=	0.80	(m)
L	=	23.50	(m)
H	=	0.80	(m)
W	=	0.80	(m)
tc	=	0.40	(m)
h	=	0.15	(m)
s	=	0.40	(m)

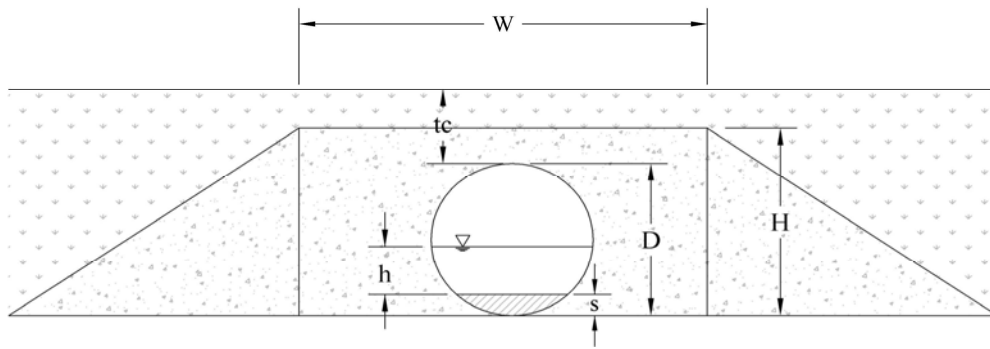
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **290+700**

No.: **Pc220**

Date: **27-May-2013**



1 Φ 80

$D = 0.80$ (m)

$L = 14.60$ (m)

$H = 1.05$ (m)

$W = 1.00$ (m)

$tc = 0.75$ (m)

$h = 0.60$ (m)

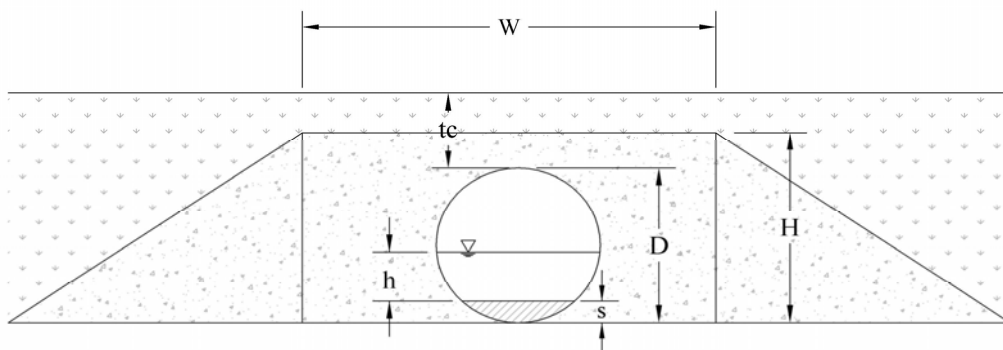
$s = 0.05$ (m)

Lake Side (Outlet)

KP: **291+300**

No.: **Pc221**

Date: **27-May-2013**



1 Φ 80

$D = N/A$ (m)

$L = N/A$ (m)

$H = N/A$ (m)

$W = N/A$ (m)

$tc = N/A$ (m)

$h = N/A$ (m)

$s = N/A$ (m)

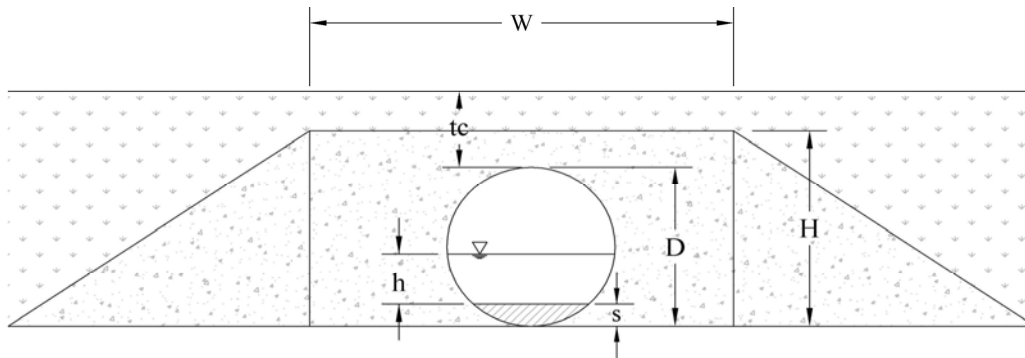
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available,

KP: **296+100**

No.: **Pc222**

Date: **27-May-2013**



1Φ100

D = **1.00** (m)

L = **13.60** (m)

H = **1.30** (m)

W = **1.35** (m)

tc = **0.70** (m)

h = **0.00** (m)

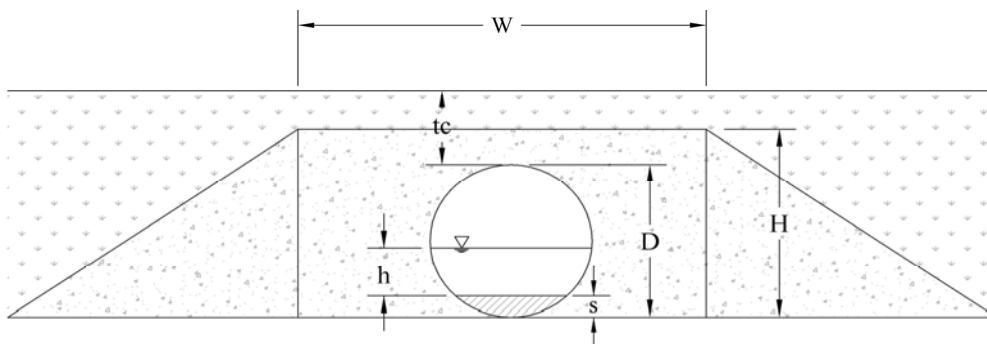
s = **0.10** (m)

Lake Side (Outlet)

KP: **296+900**

No.: **Pc223**

Date: **27-May-2013**



1Φ100

D = **1.00** (m)

L = **N/A** (m)

H = **N/A** (m)

W = **N/A** (m)

tc = **N/A** (m)

h = **N/A** (m)

s = **N/A** (m)

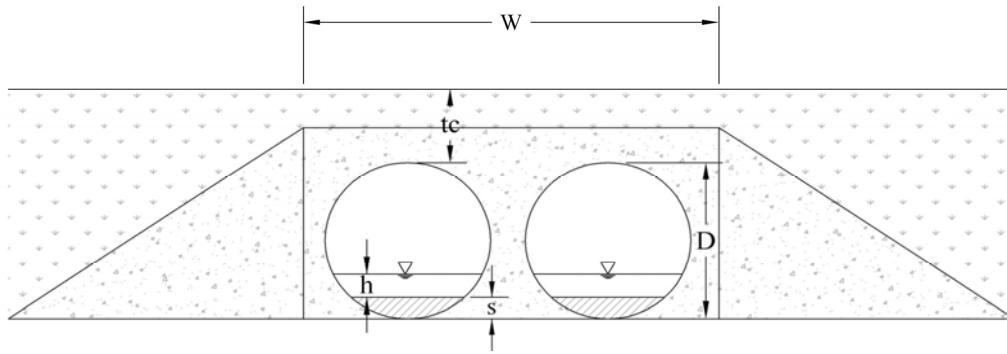
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **297+900**

No.: **Pc224**

Date: **28-May-2013**



2Φ100

D = **1.00** (m)

L = **13.50** (m)

H = **1.30** (m)

W = **2.95** (m)

tc = **0.55** (m)

h = **0.00** (m)

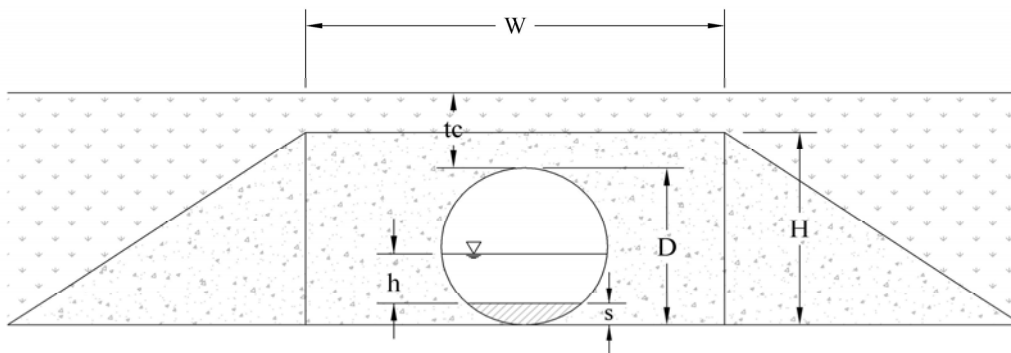
s = **0.00** (m)

Lake Side (Outlet)

KP: **300+700**

No.: **Pc225**

Date: **28-May-2013**



1Φ100

D = **1.00** (m)

L = **13.60** (m)

H = **1.35** (m)

W = **1.20** (m)

tc = **0.50** (m)

h = **0.00** (m)

s = **0.15** (m)

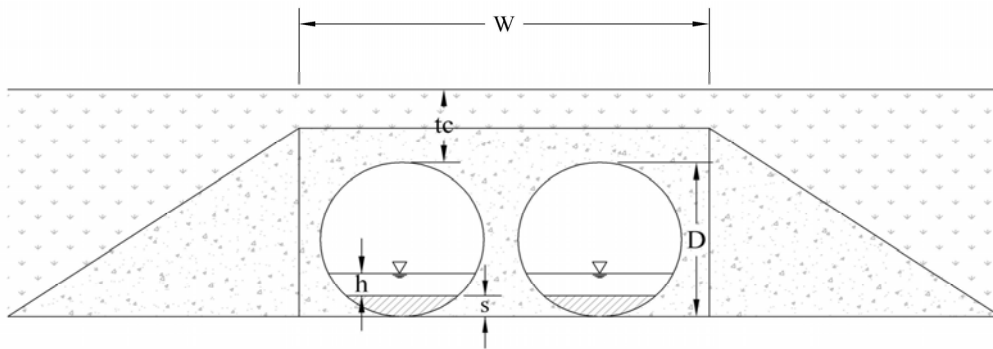
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height,

KP: **302+900**

No.: **Pc226**

Date: **28-May-2013**



2Φ100

D = **1.00** (m)

L = **13.70** (m)

H = **1.35** (m)

W = **2.85** (m)

tc = **0.90** (m)

h = **0.00** (m)

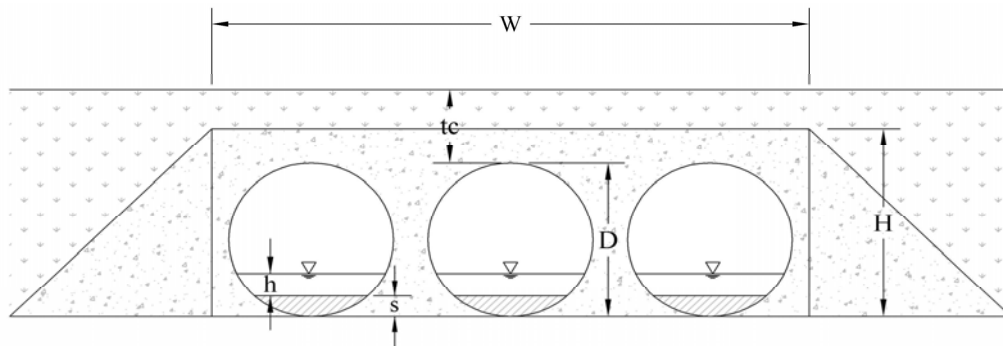
s = **0.25** (m)

Lake Side (Outlet)

KP: **307+700**

No.: **Pc227**

Date: **28-May-2013**



3Φ120

D = **1.20** (m)

L = **14.80** (m)

H = **1.55** (m)

W = **5.00** (m)

tc = **1.30** (m)

h = **0.00** (m)

s = **0.30** (m)

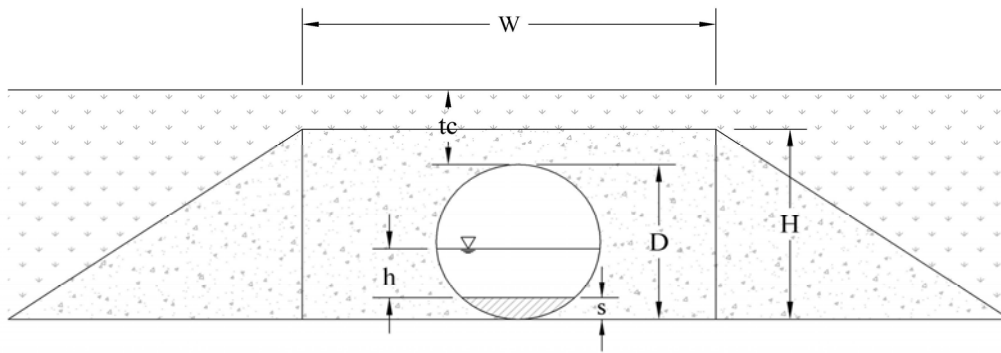
Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height,

KP: **308+300**

No.: **Pc228**

Date: **28-May-2013**



1Φ80

D = **0.80** (m)

L = **14.90** (m)

H = **1.20** (m)

W = **1.05** (m)

tc = **1.15** (m)

h = **0.00** (m)

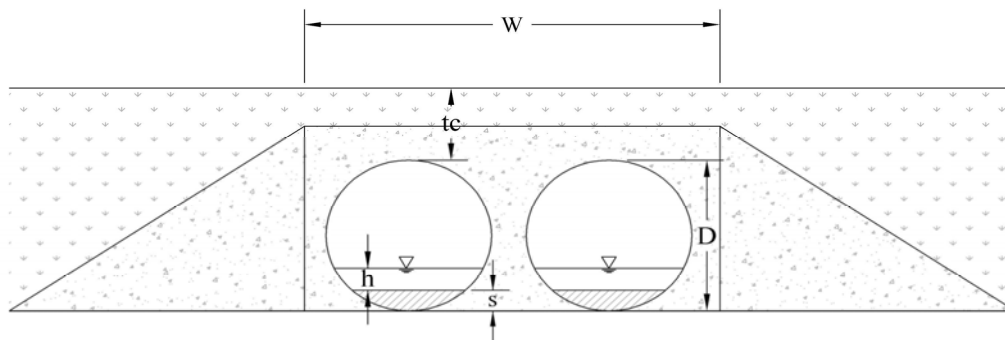
s = **0.10** (m)

Lake Side (Outlet)

KP: **309+300**

No.: **Pc229**

Date: **28-May-2013**



2Φ120

D = **1.20** (m)

L = **13.80** (m)

H = **1.55** (m)

W = **3.50** (m)

tc = **0.70** (m)

h = **0.00** (m)

s = **0.00** (m)

Lake Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, tc=Height of Soil over Top, h=Water Depth, s=Deposition Height,

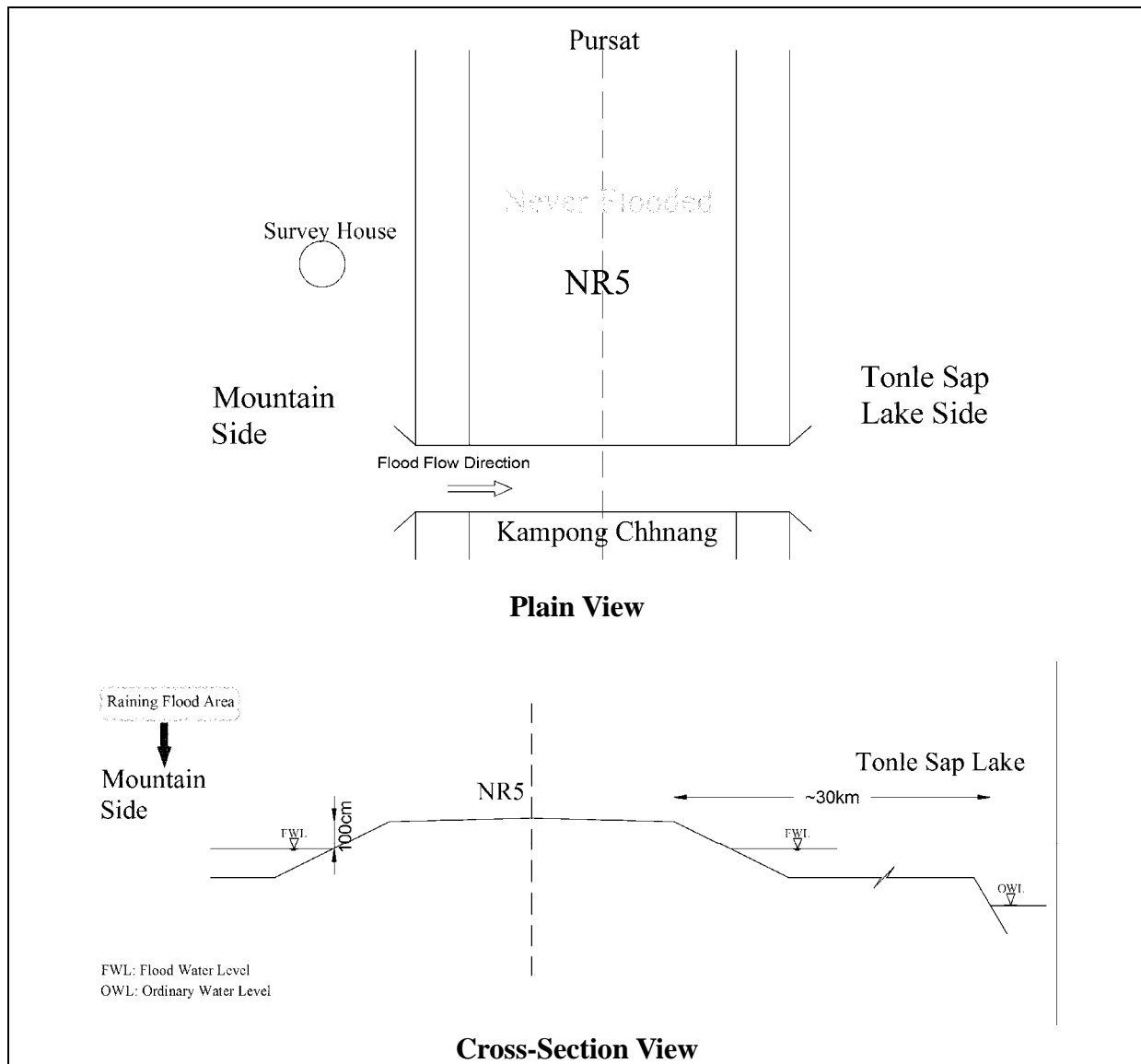
APPENDIX 6-4

INQUIRING SURVEY FOR INFORMATION OF FLOODING CONDITIONS

20th May to 29th May 2013

Inventory Sheet on Information of Flooding Conditions

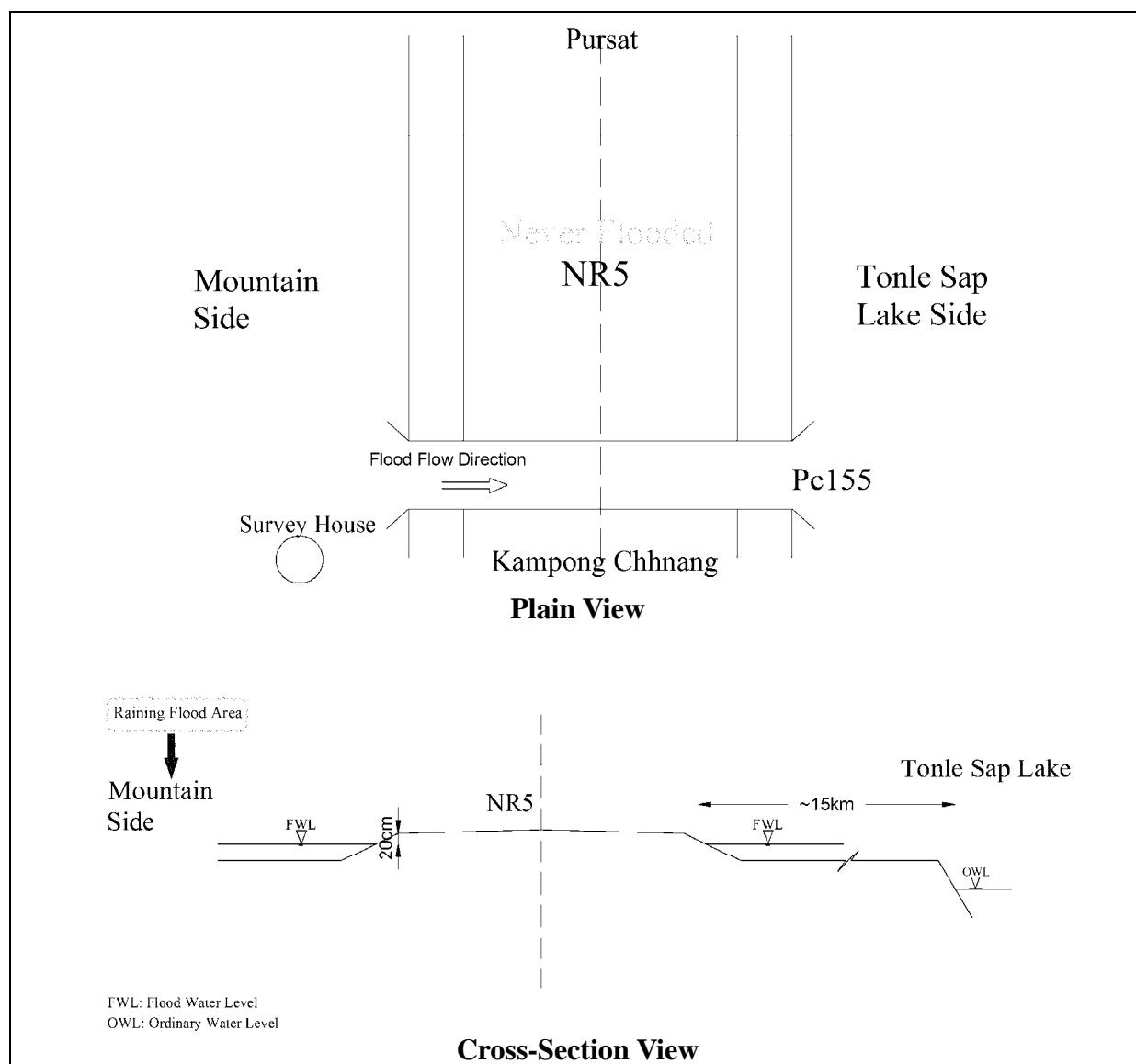
		No.:	1
Date	20 May-2013		
Interview with	Chief villager		
PK (km)	172+800	Province	Pursat
Circumstance	Residential area(Ta Kaev Leu)	Drainage Facility	Pc150
Flood Level	No flood on the road 100cm below from NR5(+10cm around houses) (2001)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Seldom		
Duration Per Flood	2 ~ 3 days	Occurrence Month	Rainy season(2001)
Remark			



Inventory Sheet on Information of Flooding Conditions

No.: 2

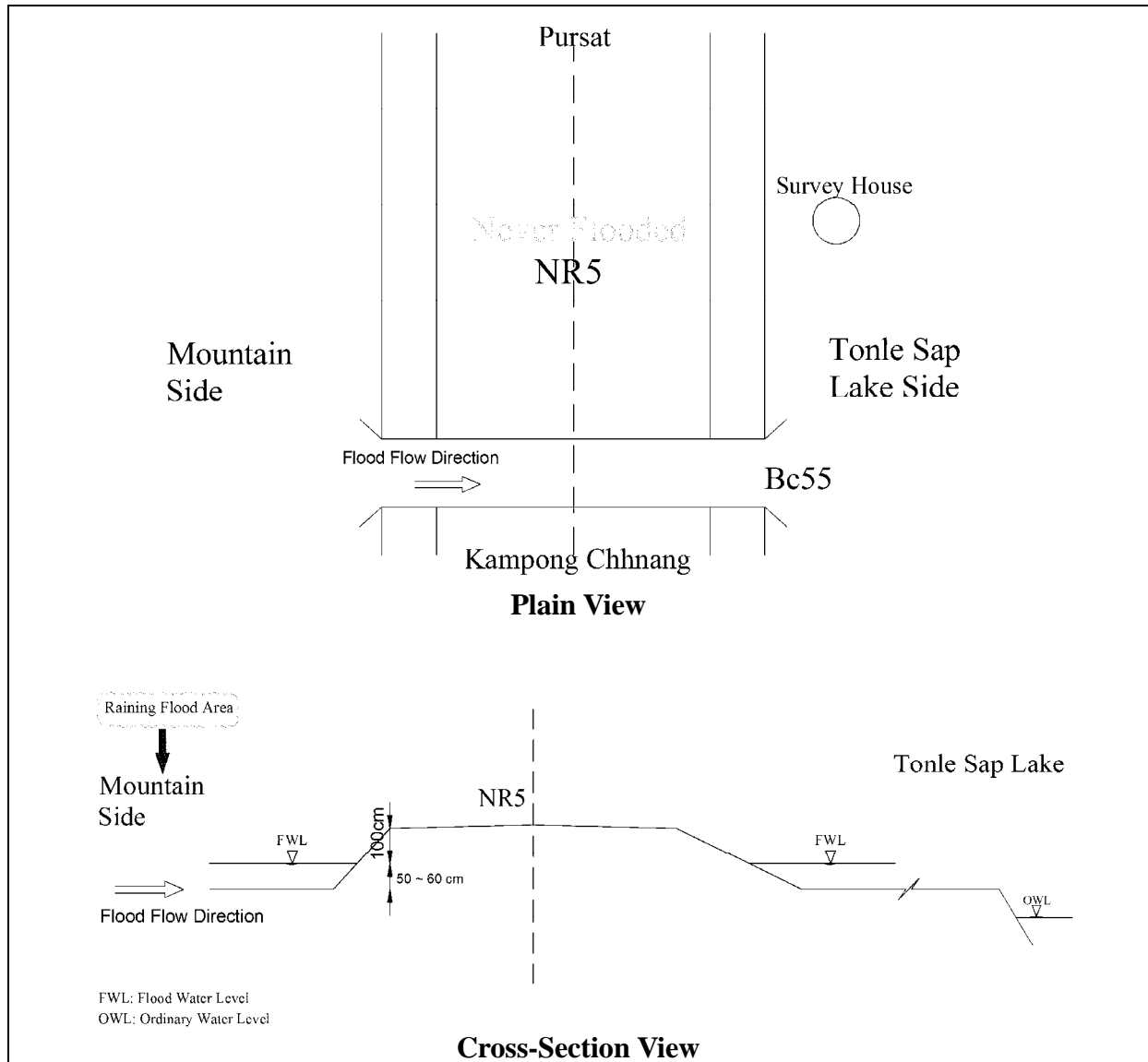
Date	20 May-2013		
Interview with	Mr. Choem Loun (shopkeeper)		
PK (km)	176+200	Province	Pursat
Circumstance	Residential (Ta Kaev Leu)	Drainage Facility	Pc155
Flood Level	No flood on the road. 10cm around houses(generally) After road repairing, the flood below 20cm(+50cm around houses) (2011)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Every year		
Duration Per Flood	2 ~ 3 days	Occurrence Month	Rainy season
Remark	Water level is raising, even if it is not raining.		



Inventory Sheet on Information of Flooding Conditions

No.: 3

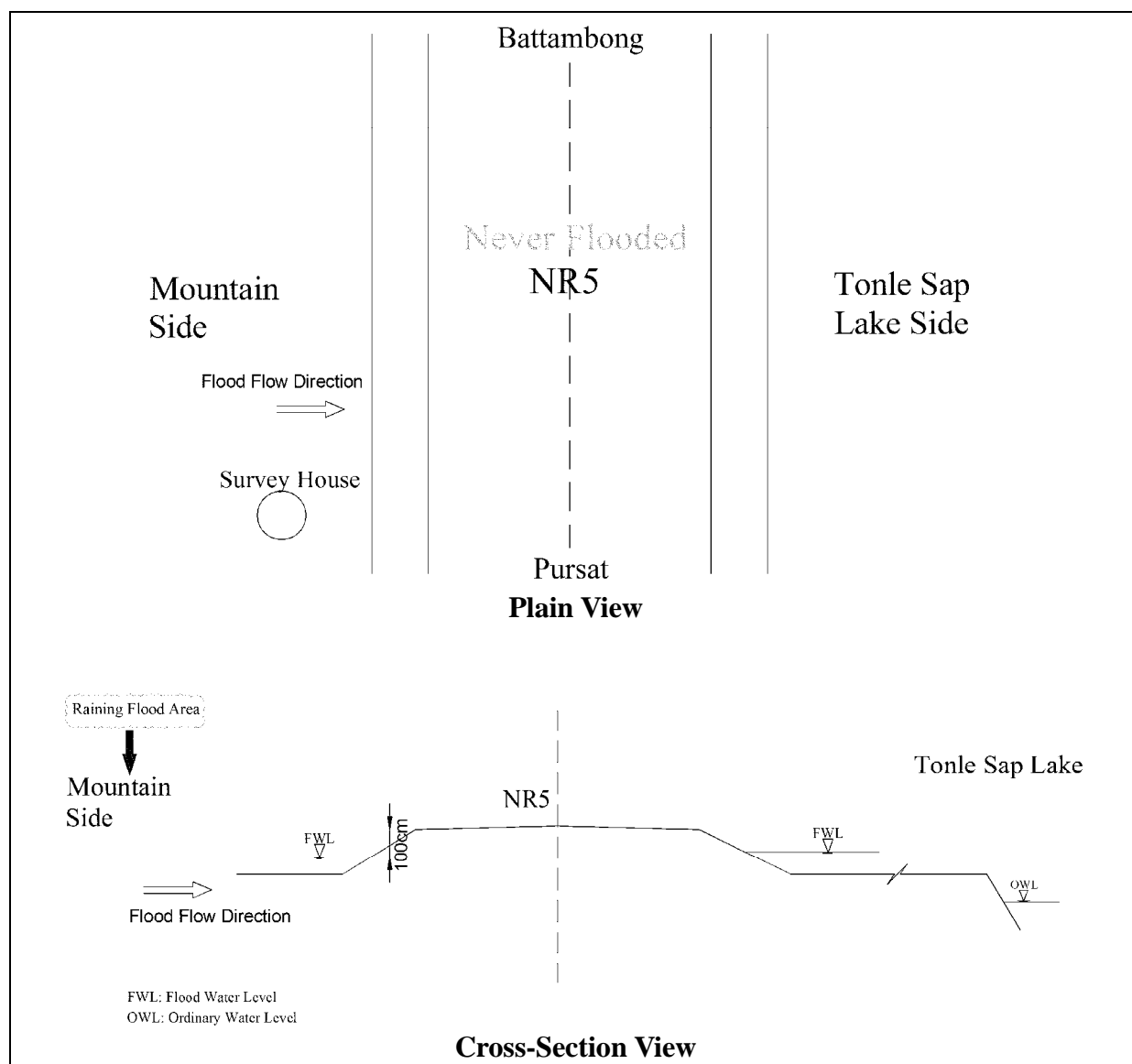
Date	20 May-2013		
Interview with	Resident		
PK (km)	179+100	Province	Pursat
Circumstance	Residential area(Krang Ta Saen)	Drainage Facility	Bc 55
Flood Level	No flood on the road 100cm below from NR5(+50 ~ 60cm around houses) (2011)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Every year		
Duration Per Flood	1 week	Occurrence Month	Rainy season
Remark	From Mountains		



Inventory Sheet on Information of Flooding Conditions

No.: 4

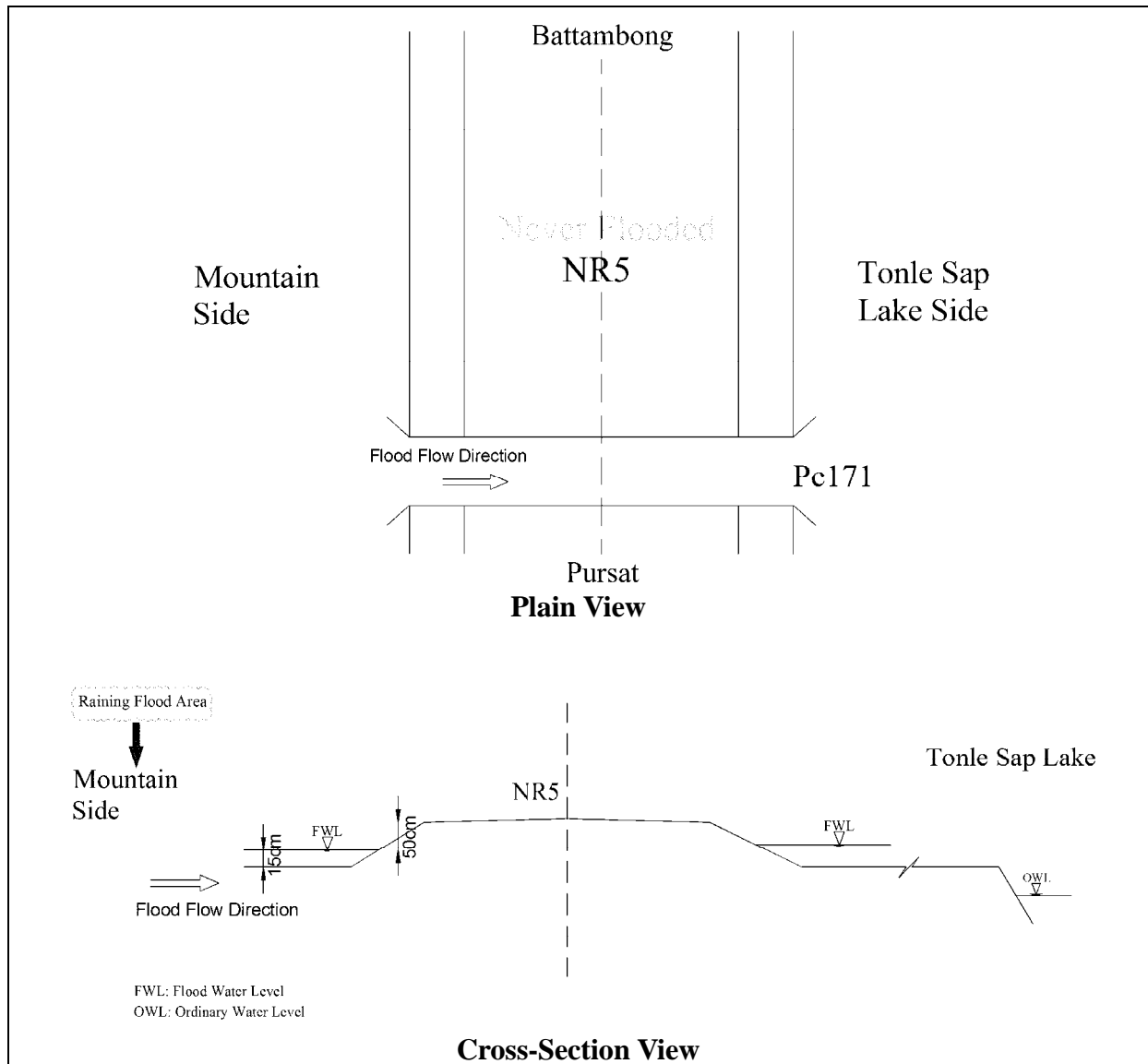
Date	21 May-2013		
Interview with	Mr. Ven Sea, Resident		
PK (km)	188+200	Province	Pursat
Circumstance	Residential area(Phteah Prey)	Drainage Facility	Br51
Flood Level	No flood on the road		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Seldom / Every year / (concretely)		
Duration Per Flood	No flood	Occurrence Month	No flood
Remark	Before road repaired 100cm below from NR5.(Road repaired from 2004 to 2006)		



Inventory Sheet on Information of Flooding Conditions

No.: 5

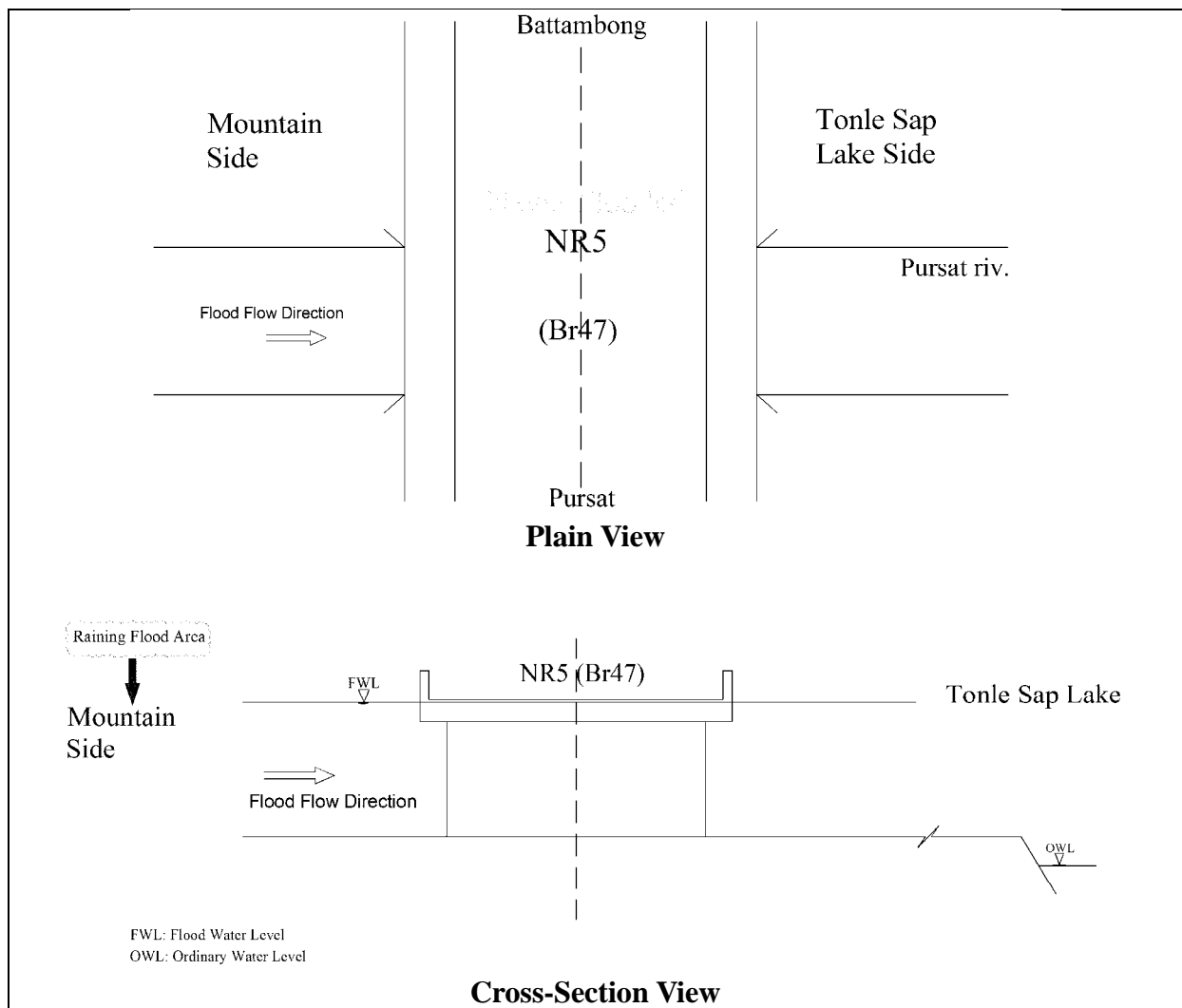
Date	21 May-2013		
Interview with	Shop Keeper (Resident)		
PK (km)	204+000	Province	Pursat
Circumstance	Residential area(Trapeang Chang)	Drainage Facility	Pc171
Flood Level	No flood on the road 50cm below from NR5(+15cm around houses) (2007)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Seldom		
Duration Per Flood	2~3 days	Occurrence Month	Rainy season
Remark			



Inventory Sheet on Information of Flooding Conditions

No.: 6

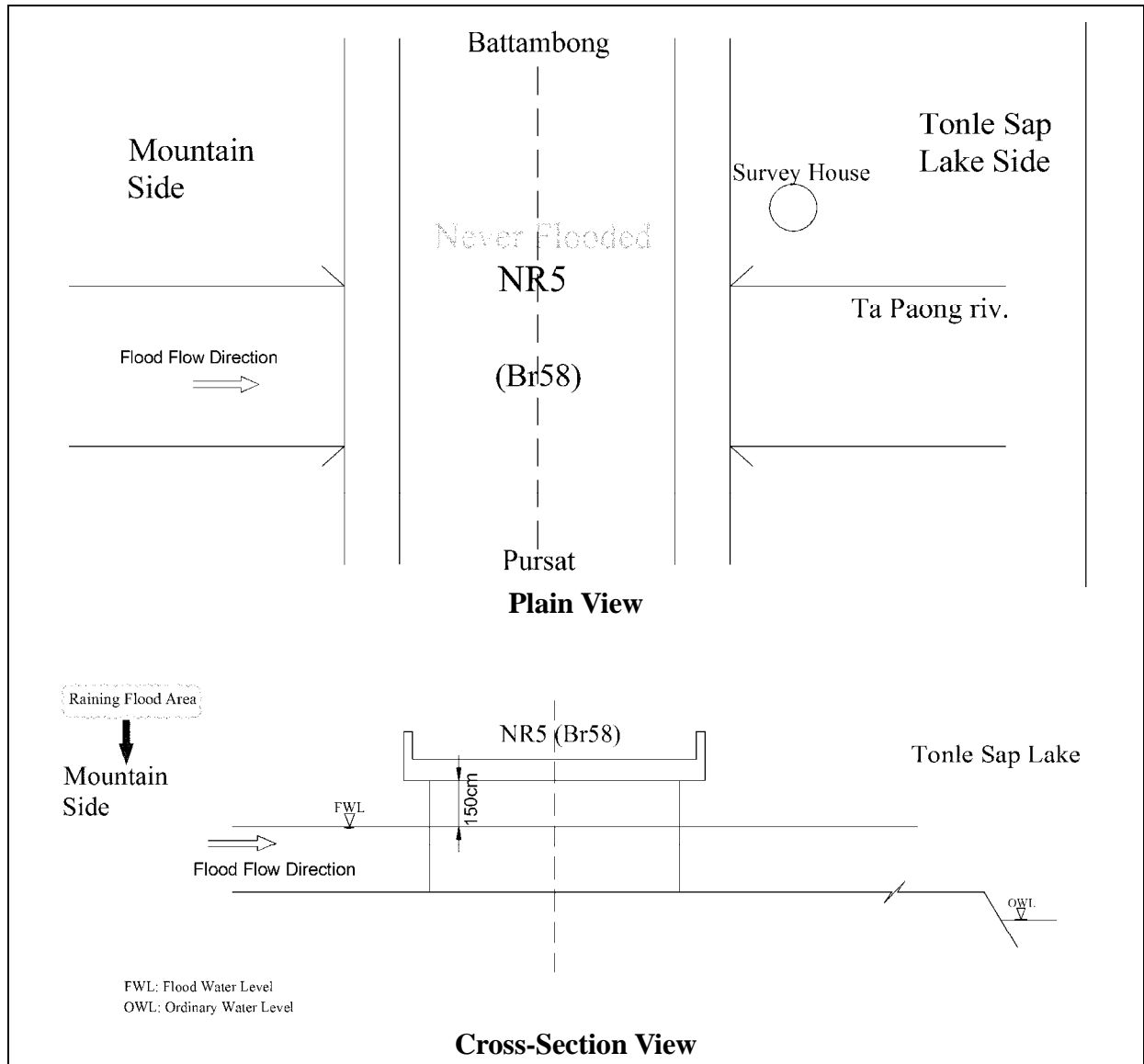
Date	22 May-2013		
Interview with	Mr. Kang Begn Hak Director of Department of Public Work and Transportation (DPWT)		
PK (km)	185+700	Province	Pursat
Circumstance	Commercial and residential area	Drainage Facility	Br47
Flood Level	No flood on the road(KP171 ~ KP220) Water level was just below of surface of Br47(2008)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Seldom		
Duration Per Flood	3 ~ 4 days	Occurrence Month	Rainy season
Remark	Sometime flood flow from Tonle Sap Lake but it is lower than flood flow because of heavy rain.		



Inventory Sheet on Information of Flooding Conditions

No.: 7

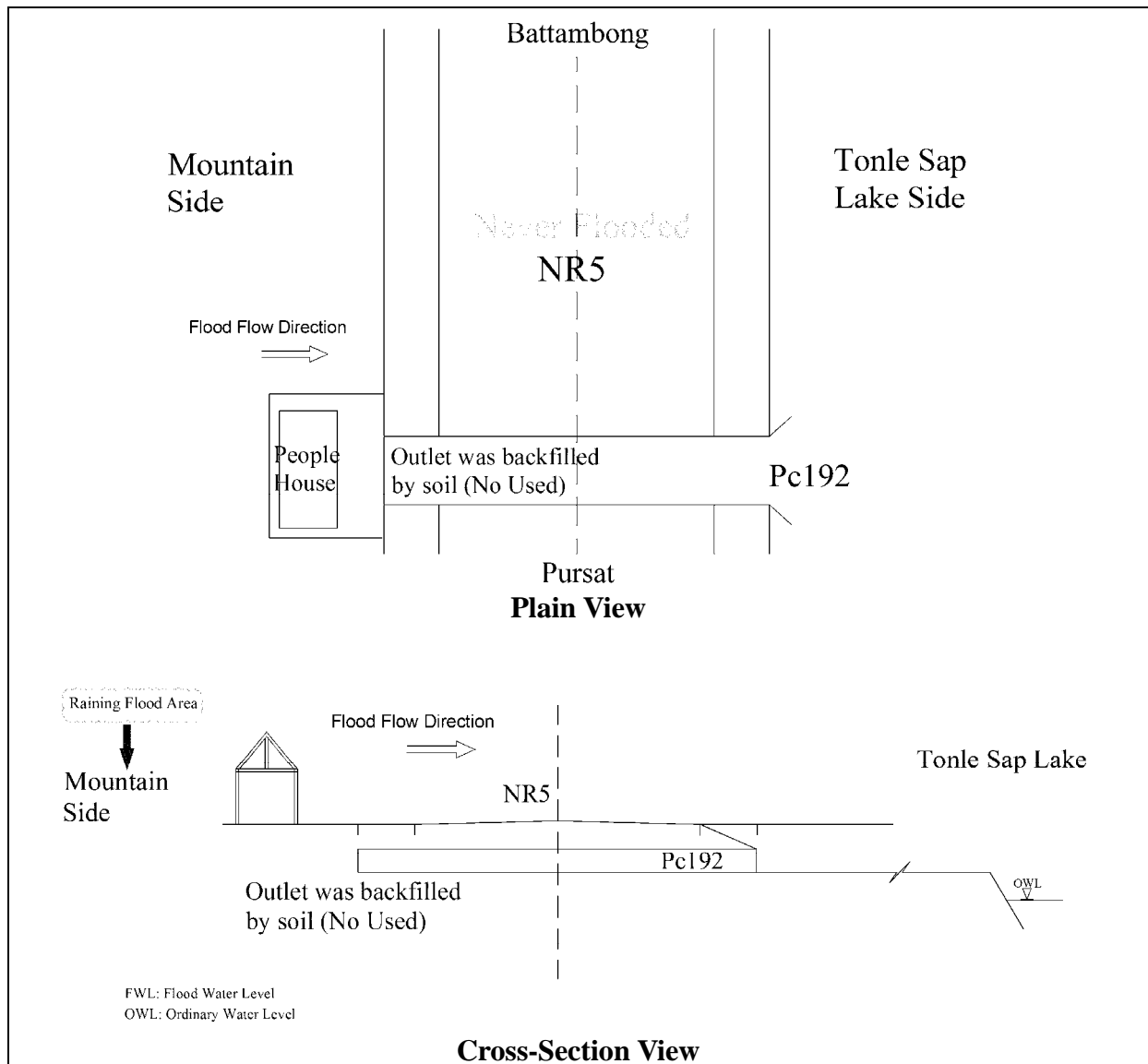
Date	22 May-2013		
Interview with	Resident		
PK (km)	215+700	Province	Pursat
Circumstance	Residential area(Ou Ta Paong)	Drainage Facility	Br58
Flood Level	No flood on the road 150cm below from the bridge(Br58)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	No flood		
Duration Per Flood	3 ~ 4 days	Occurrence Month	Rainy season
Remark			



Inventory Sheet on Information of Flooding Conditions

No.: 8

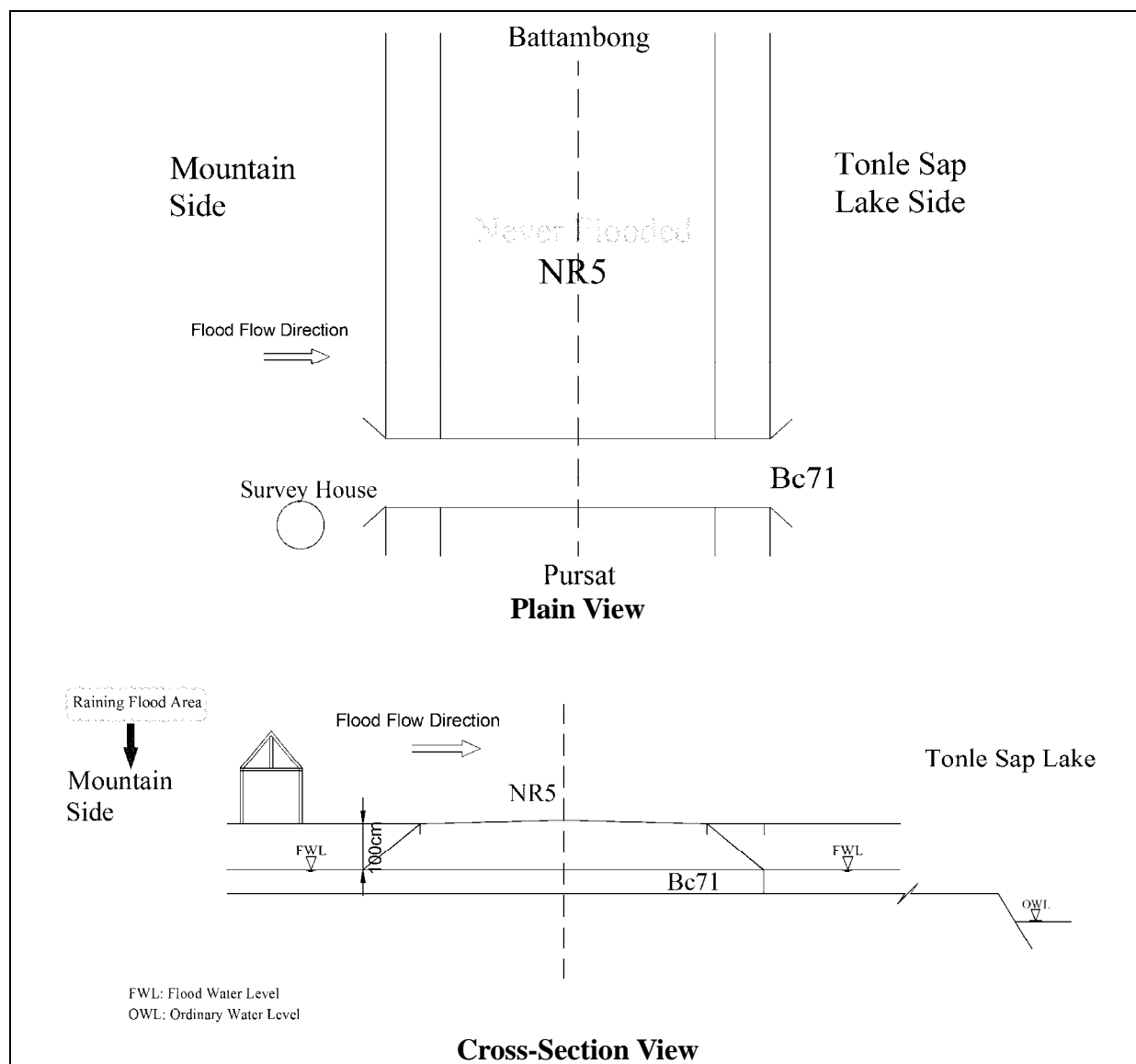
Date	22 May-2013		
Interview with	Coffee Shopkeeper		
PK (km)	227+700	Province	Pursat
Circumstance	Residential area(Ampil Chhung)	Drainage Facility	Pc192
Flood Level	No flood on the road Houses and road surface are same elevation		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	No flood		
Duration Per Flood	No flood	Occurrence Month	No flood
Remark	Heavy rain (48hr to 72hr) occurred every years, but no flood Pc192 was backfilled by residents at 2008		



Inventory Sheet on Information of Flooding Conditions

No.: 9

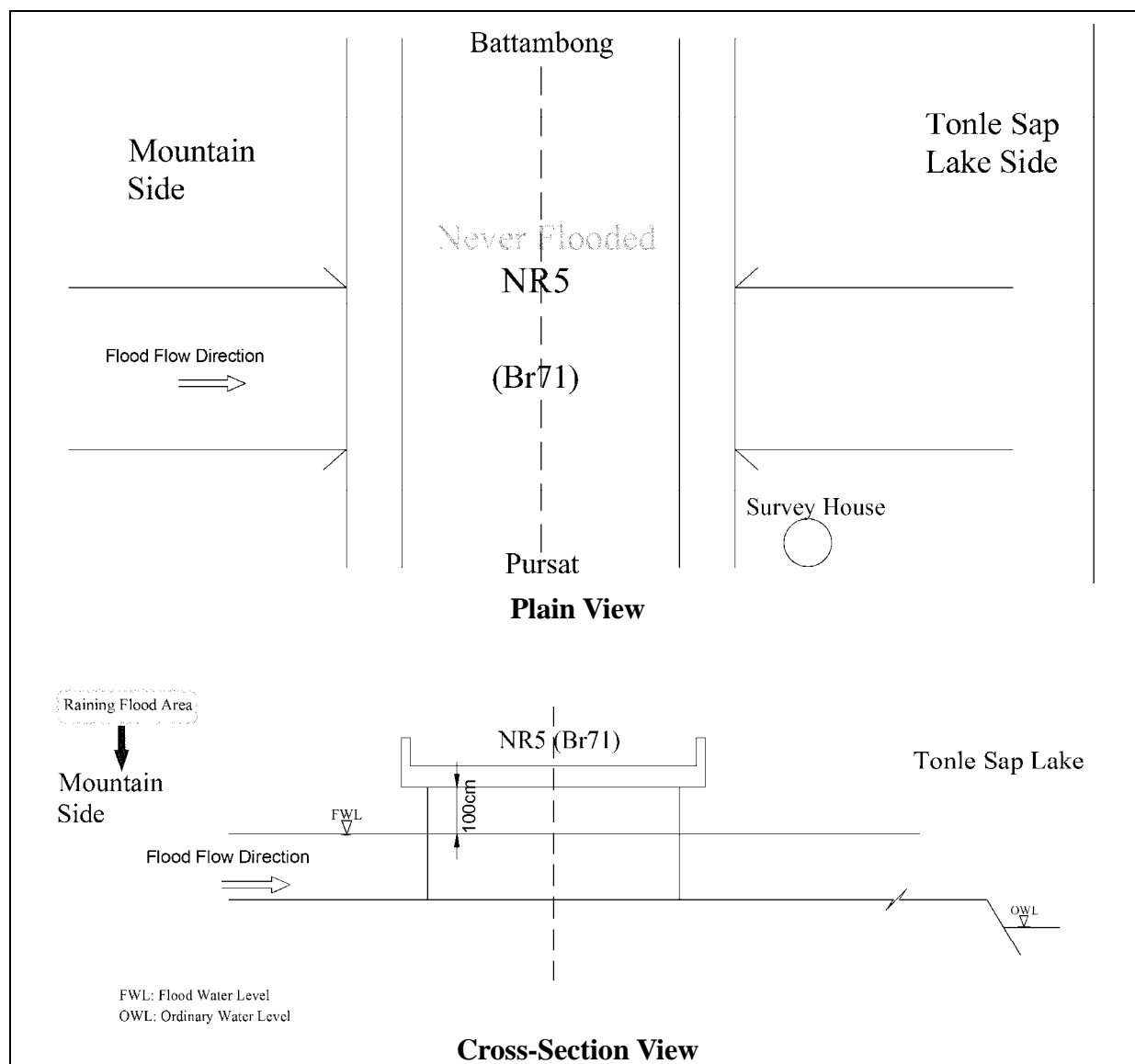
Date	23 May-2013		
Interview with	Shop keeper		
PK (km)	245+400	Province	Pursat
Circumstance	Residential area(Moung Ruessei)	Drainage Facility	Bc71
Flood Level	No flood on the road 100cm below from NR5 at Bc71(2011)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Every year		
Duration Per Flood	2~3 days	Occurrence Month	Raining Season
Remark	Houses and road surface are same elevation		



Inventory Sheet on Information of Flooding Conditions

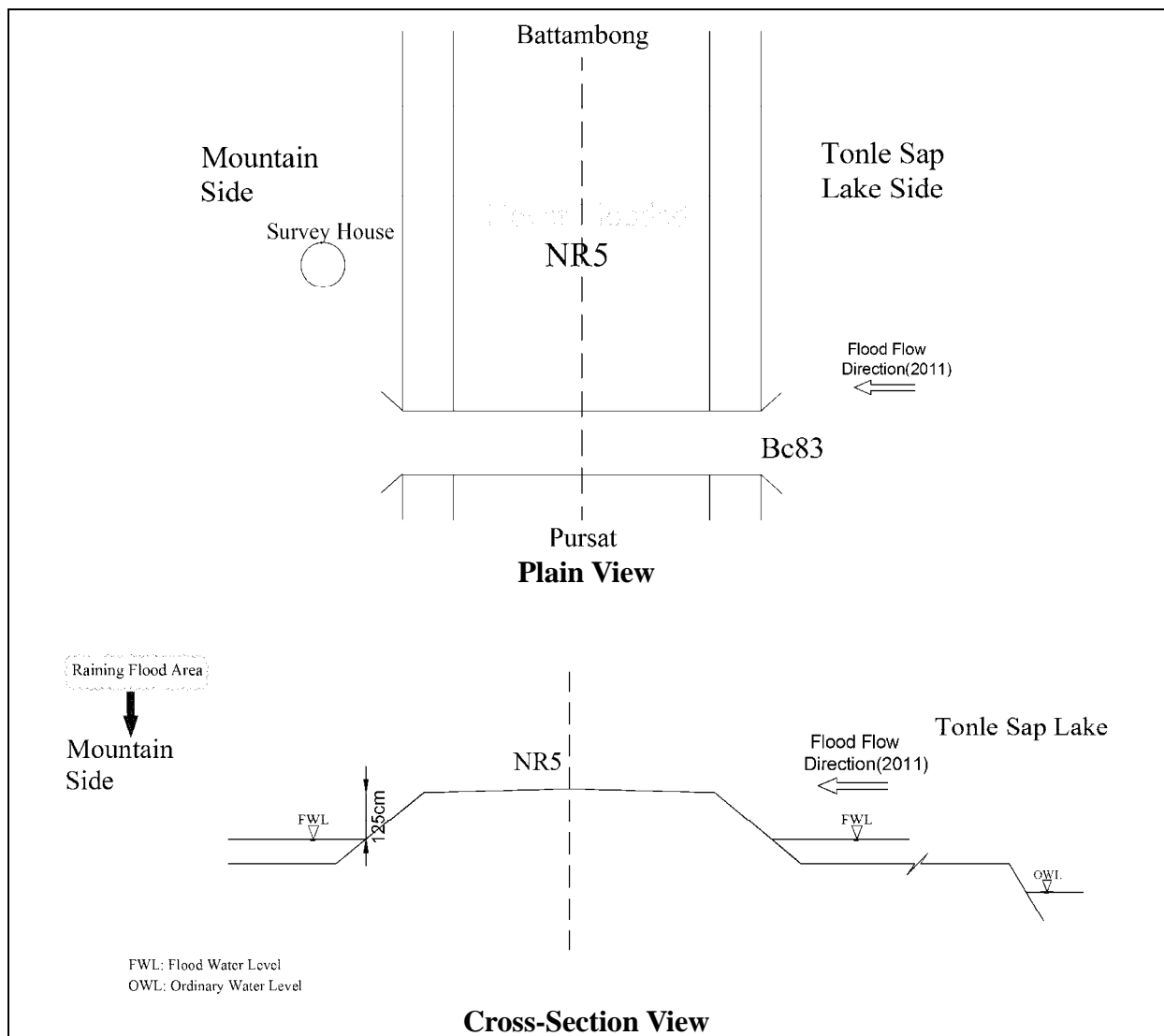
No.: 10

Date	24 May-2013		
Interview with	Resident		
PK (km)	265+900	Province	Battambang
Circumstance	Residential area(Sala Trav)	Drainage Facility	Br71
Flood Level	No flood on the road 100cm below from NR5 (+10cm around houses)(2011)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Seldom		
Duration Per Flood	2~3 days	Occurrence Month	Rainy season
Remark	Downstream of the channel is under restoration		



Inventory Sheet on Information of Flooding Conditions

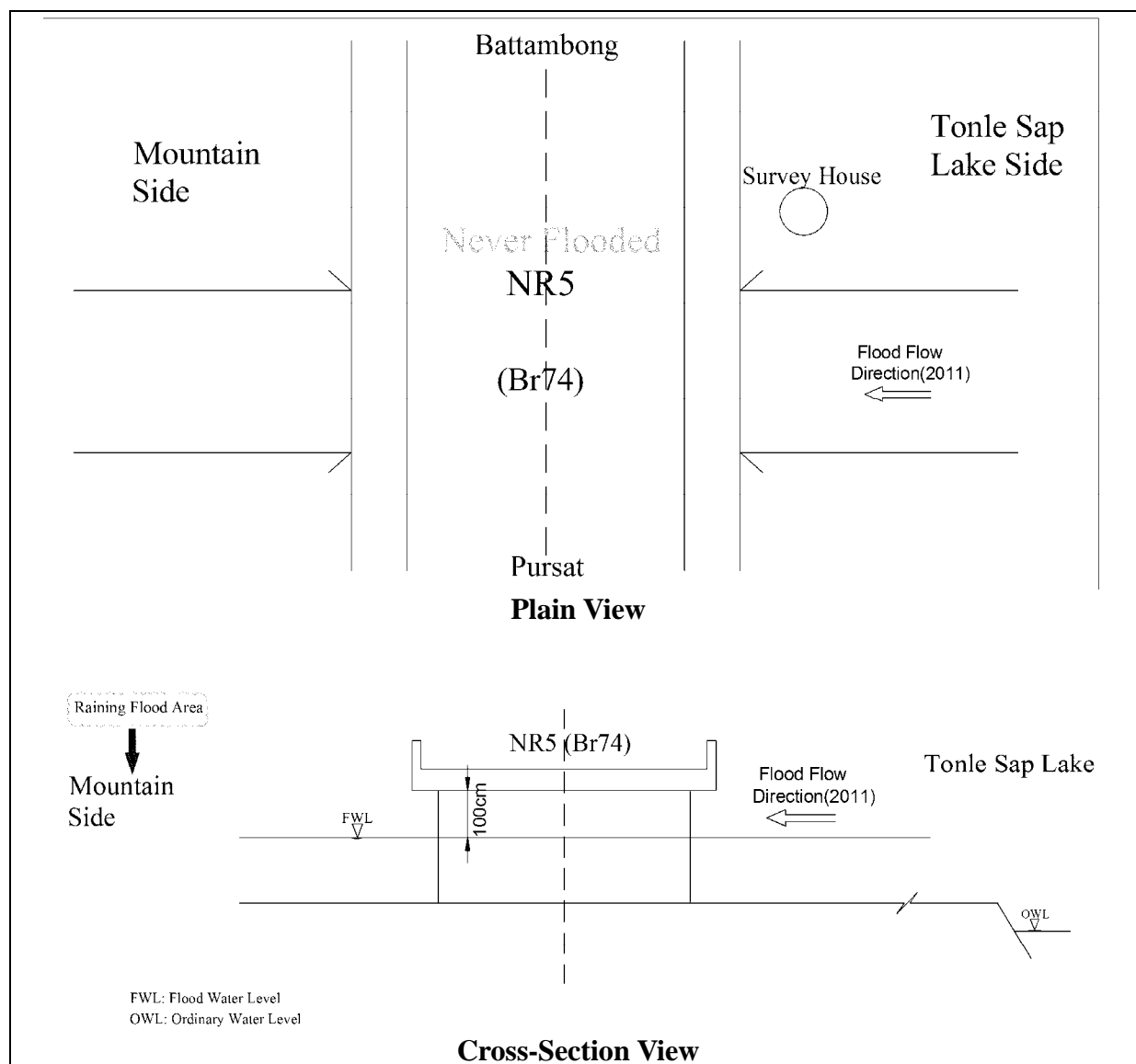
	No.:	11
Date	24 May-2013	
Interview with	Resident	
PK (km)	269+700	Province Battambang
Circumstance	Residential area(Kbal Thnal)	Drainage Facility Bc83
Flood Level	No flood on the road 130~150cm below from NR5 because of heavy rain(2012) 125cm below from NR5 because of backwater of Tonle Sap Lake(2011)	
Flood Flow Direction	Mountain side → Tonle Sap Lake (generally) Tonle Sap Lake → Residential area (2011)	
Frequency	Seldom	
Duration Per Flood	4 ~ 5days	Occurrence Month October ~ November 2011
Remark		



Inventory Sheet on Information of Flooding Conditions

No.: 12

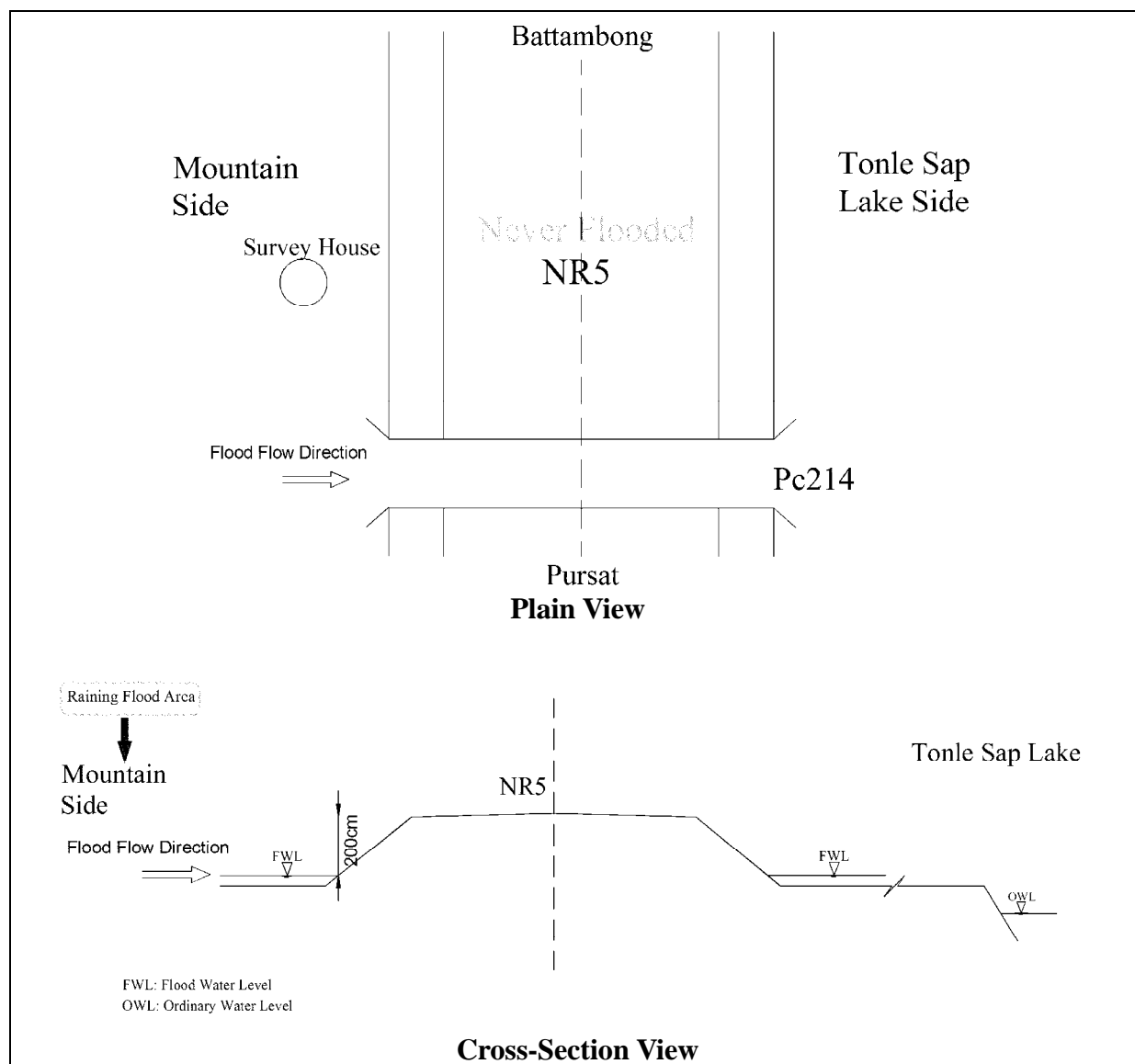
Date	24 May-2013		
Interview with	Resident		
PK (km)	272+600	Province	Battambang
Circumstance	Residential area(Kbal Thnal)	Drainage Facility	Br74
Flood Level	No flood on the road 100cm below from NR5 (2011)		
Flood Flow Direction	Mountain side → Tonle Sap Lake (generally) Tonle Sap Lake → Residential area (2011)		
Frequency	Seldom		
Duration Per Flood	4 to 5 days	Occurrence Month	October to November 2011
Remark	Before road repaired, flood crossed over the road(1997)		



Inventory Sheet on Information of Flooding Conditions

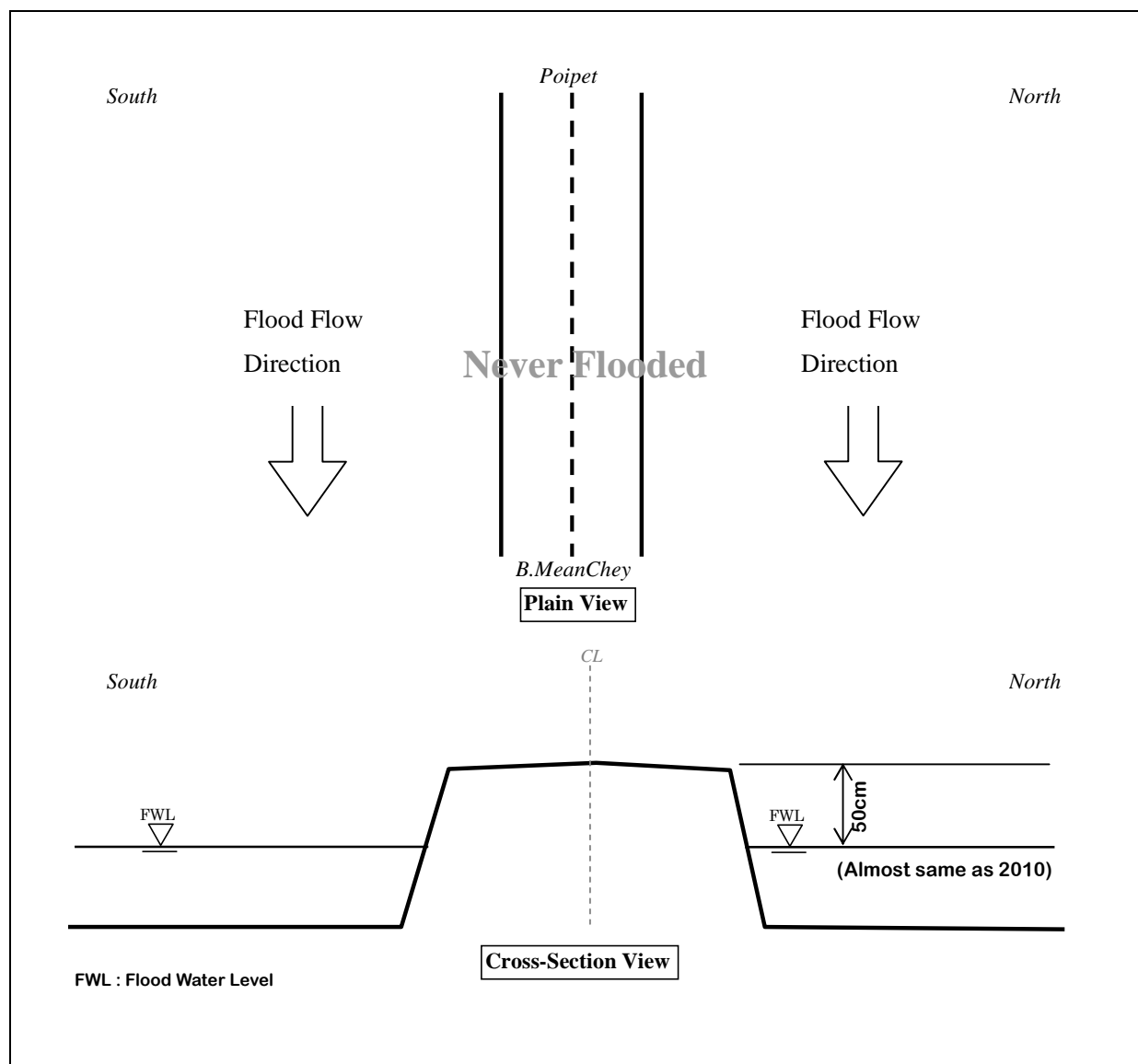
No.: 13

Date	27 May-2013		
Interview with	Resident (Shop keeper)		
PK (km)	286+400	Province	Battambang
Circumstance	Residential area(Sangkae)	Drainage Facility	Pc214
Flood Level	No flood on the road 200cm below from NR5 (2010)		
Flood Flow Direction	Mountain side → Tonle Sap Lake		
Frequency	Every year		
Duration Per Flood	2~4 days	Occurrence Month	Rainy season
Remark	Around houses and road surface are same elevation		



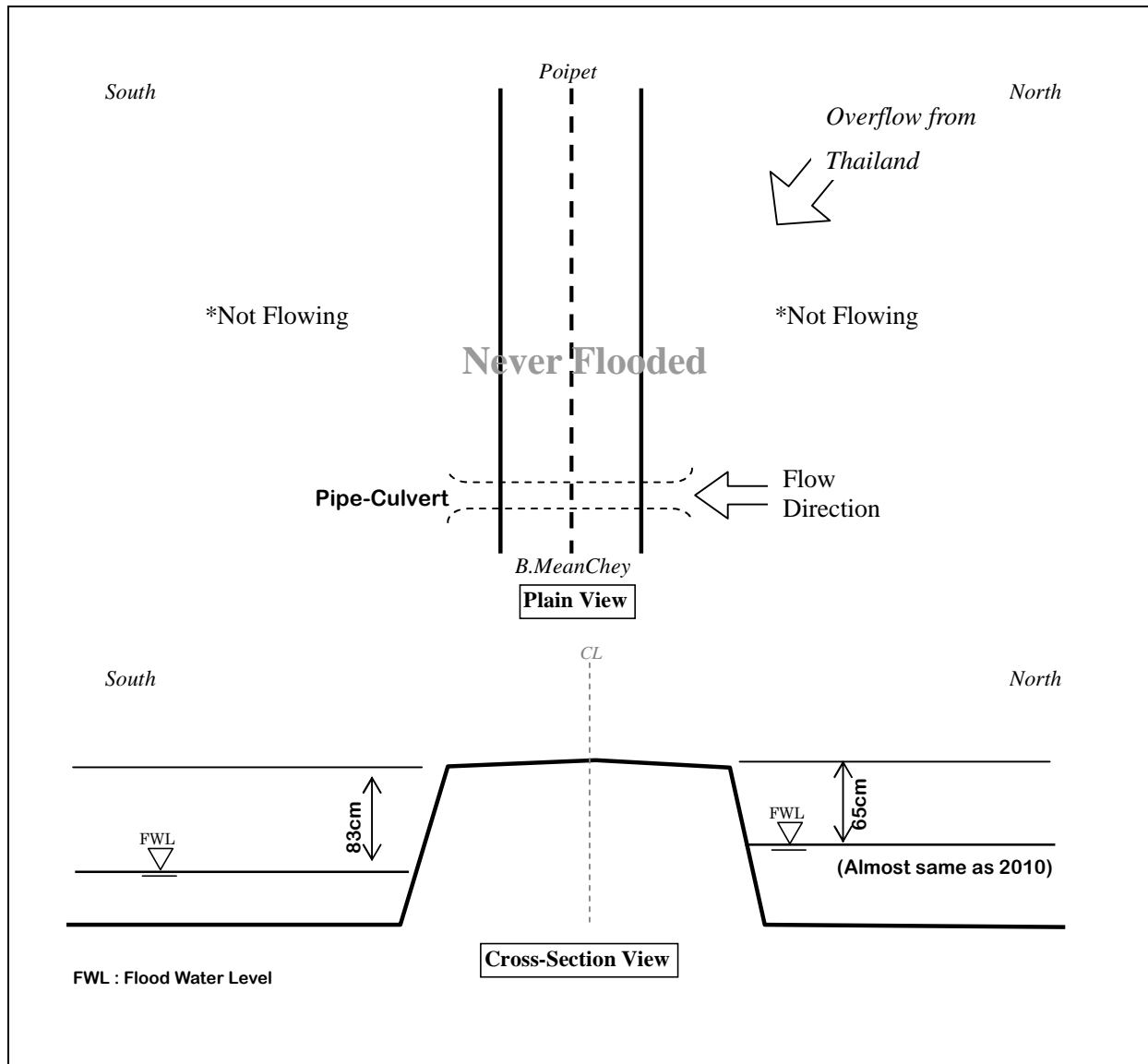
Inventory Sheet on Information of Flooding Conditions

			No.:	14
Date	7 Oct-2013			
Interview with	Horn Sophola (Shop keeper)			
PK (km)	366+000	Province	BanteyMeanchey	
Circumstance	Residential area	Drainage Facility	-	
Flood Level	No flood on the road 50cm below from NR5 (2013)			
Flood Flow Direction	East side → West side (Sisophon River)			
Frequency	Seldom			
Duration Per Flood	1 month	Occurrence Month	Sep – Oct 2013	
Remark	Flood caused by combination of heavy rains and overflow from Thailand			



Inventory Sheet on Information of Flooding Conditions

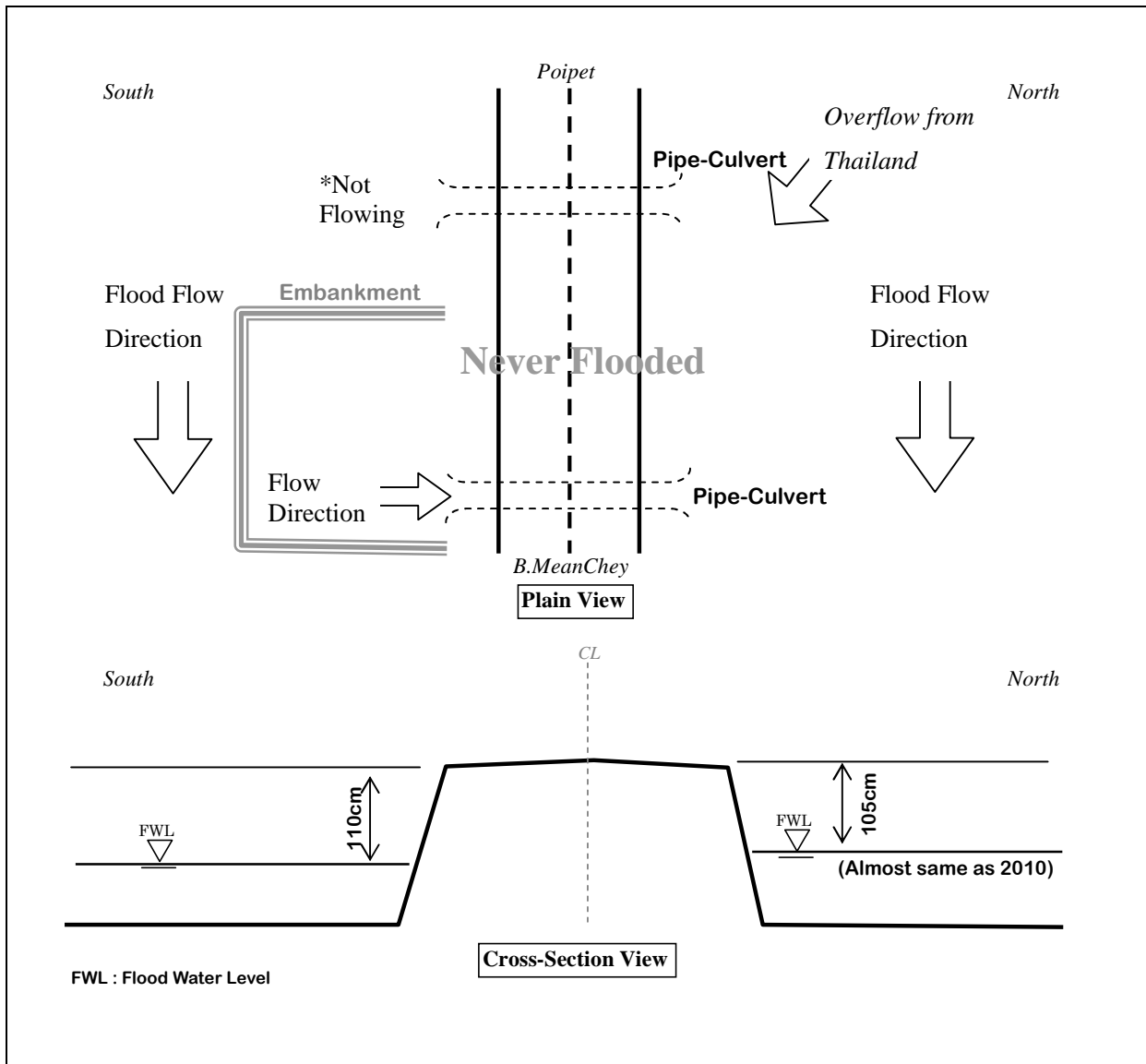
	No.:	15
Date	7 Oct-2013	
Interview with	Vireak (Resident)	
PK (km)	368+000	Province
Circumstance	Residential area	Drainage Facility
Flood Level	No flood on the road 65 ~ 85cm below from NR5 (2013)	
Flood Flow Direction	East side → West side (Sisophon River)	
Frequency	Seldom	
Duration Per Flood	2 weeks	Occurrence Month
Remark	Flood caused by combination of heavy rains and overflow from Thailand	



Inventory Sheet on Information of Flooding Conditions

No.: 16

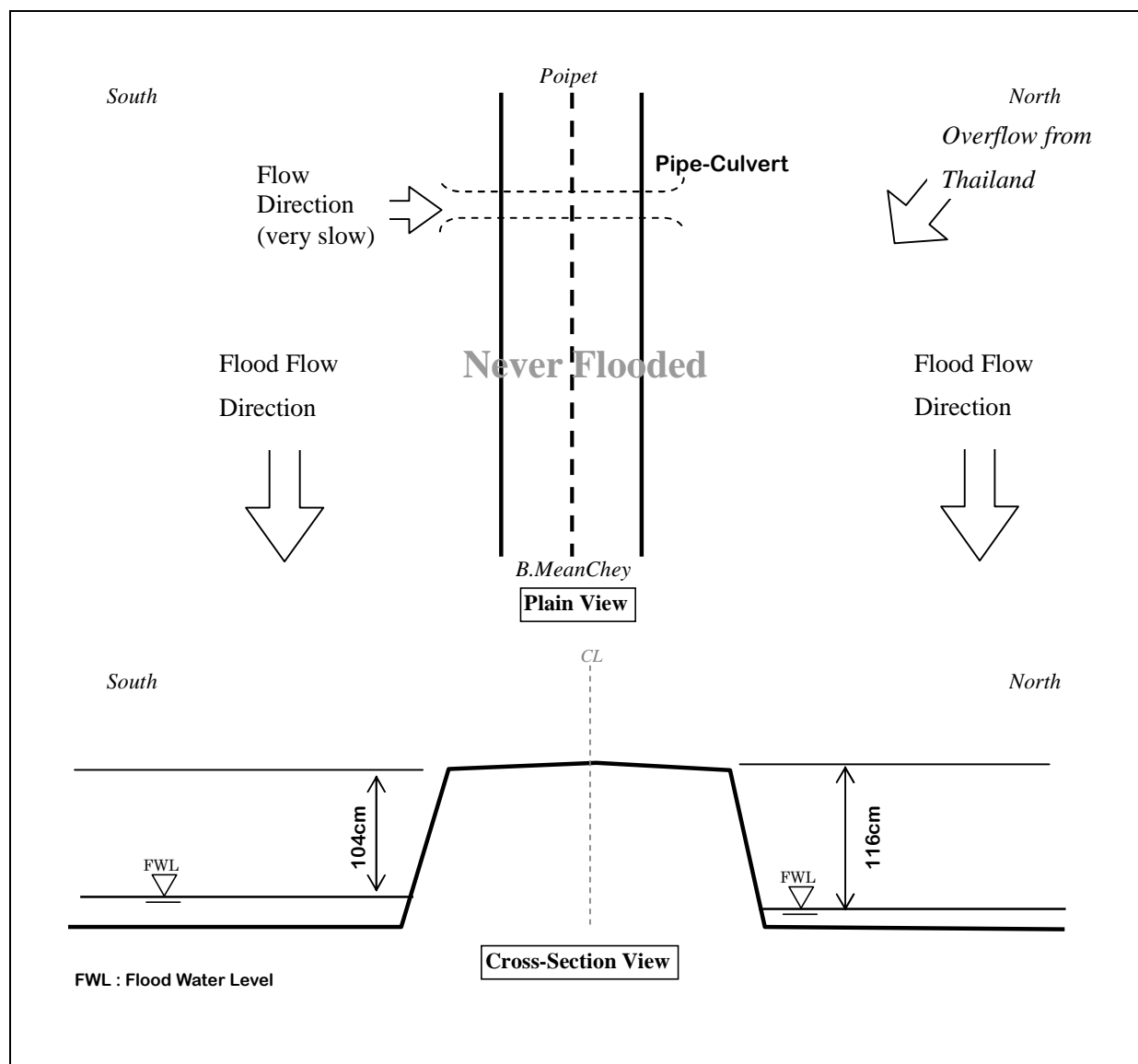
Date	7 Oct-2013		
Interview with	Chin (Resident)		
PK (km)	372+000	Province	BanteyMeanchey
Circumstance	Rice Field	Drainage Facility	Pipe-C
Flood Level	No flood on the road 105 ~ 110cm below from NR5 (2013)		
Flood Flow Direction	East side → West side (Sisophon River)		
Frequency	Seldom		
Duration Per Flood	2 weeks	Occurrence Month	Sep – Oct 2013
Remark	Flood caused by combination of heavy rains and overflow from Thailand		



Inventory Sheet on Information of Flooding Conditions

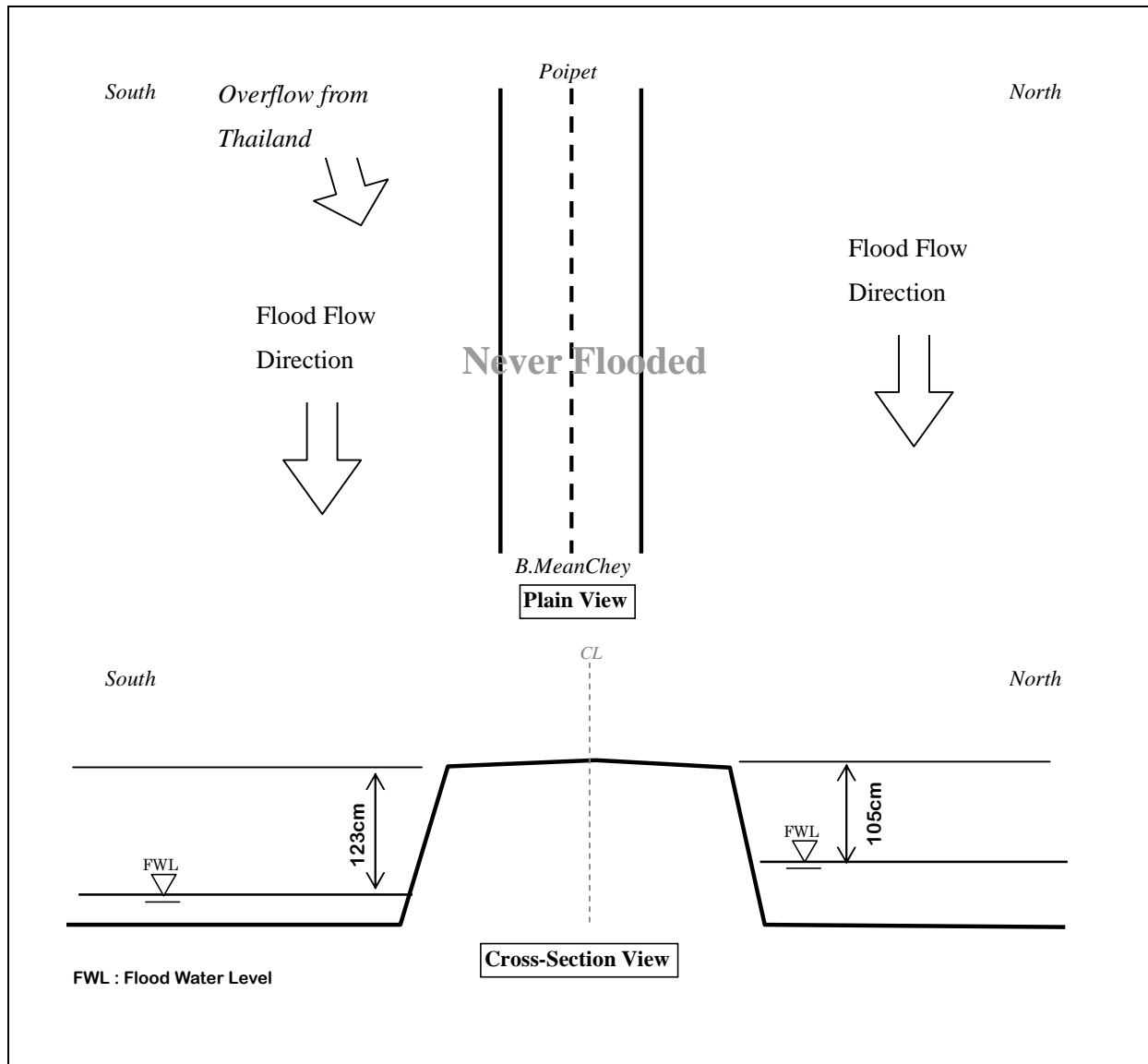
No.: 17

Date	7 Oct-2013		
Interview with	Noun Mao (DPWT staff)		
PK (km)	374+000	Province	BanteyMeanchey
Circumstance	Rice Field	Drainage Facility	-
Flood Level	No flood on the road 105 ~ 115cm below from NR5 (2013)		
Flood Flow Direction	East side → West side (Sisophon River)		
Frequency	Seldom		
Duration Per Flood	No Flood	Occurrence Month	Sep – Oct 2013
Remark	Around this area is higher than others.		



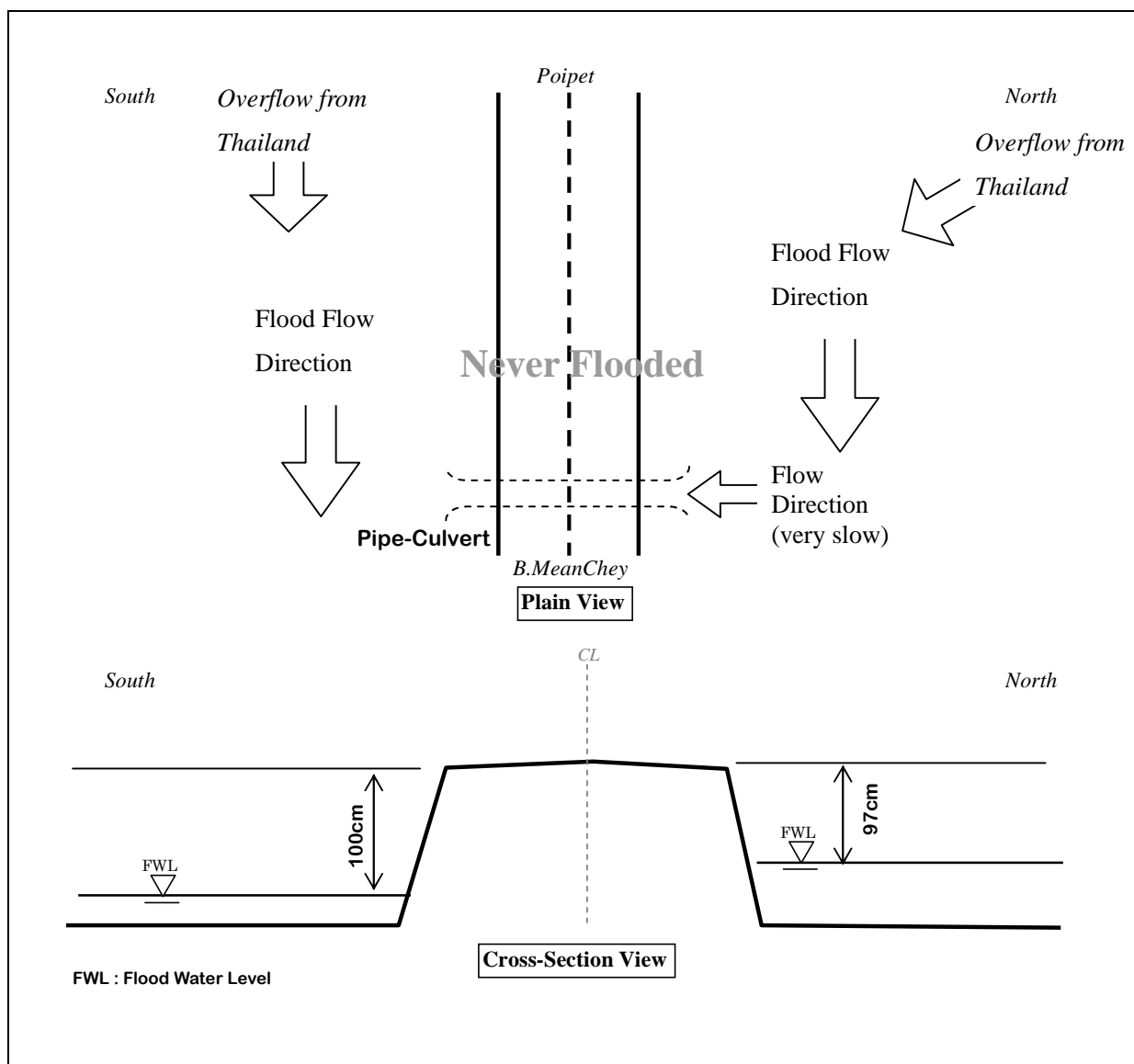
Inventory Sheet on Information of Flooding Conditions

	No.:	18
Date	7 Oct-2013	
Interview with	Nget Nak (Resident)	
PK (km)	376+000	Province BanteyMeanchey
Circumstance	Residential area	Drainage Facility -
Flood Level	No flood on the road 105 ~ 125cm below from NR5 (2013) (Usually no Flood)	
Flood Flow Direction	East side → West side (Sisophon River)	
Frequency	Seldom	
Duration Per Flood	2 weeks	Occurrence Month Sep – Oct 2013
Remark	Rainfall is much heavier and longer than usual in this season.	



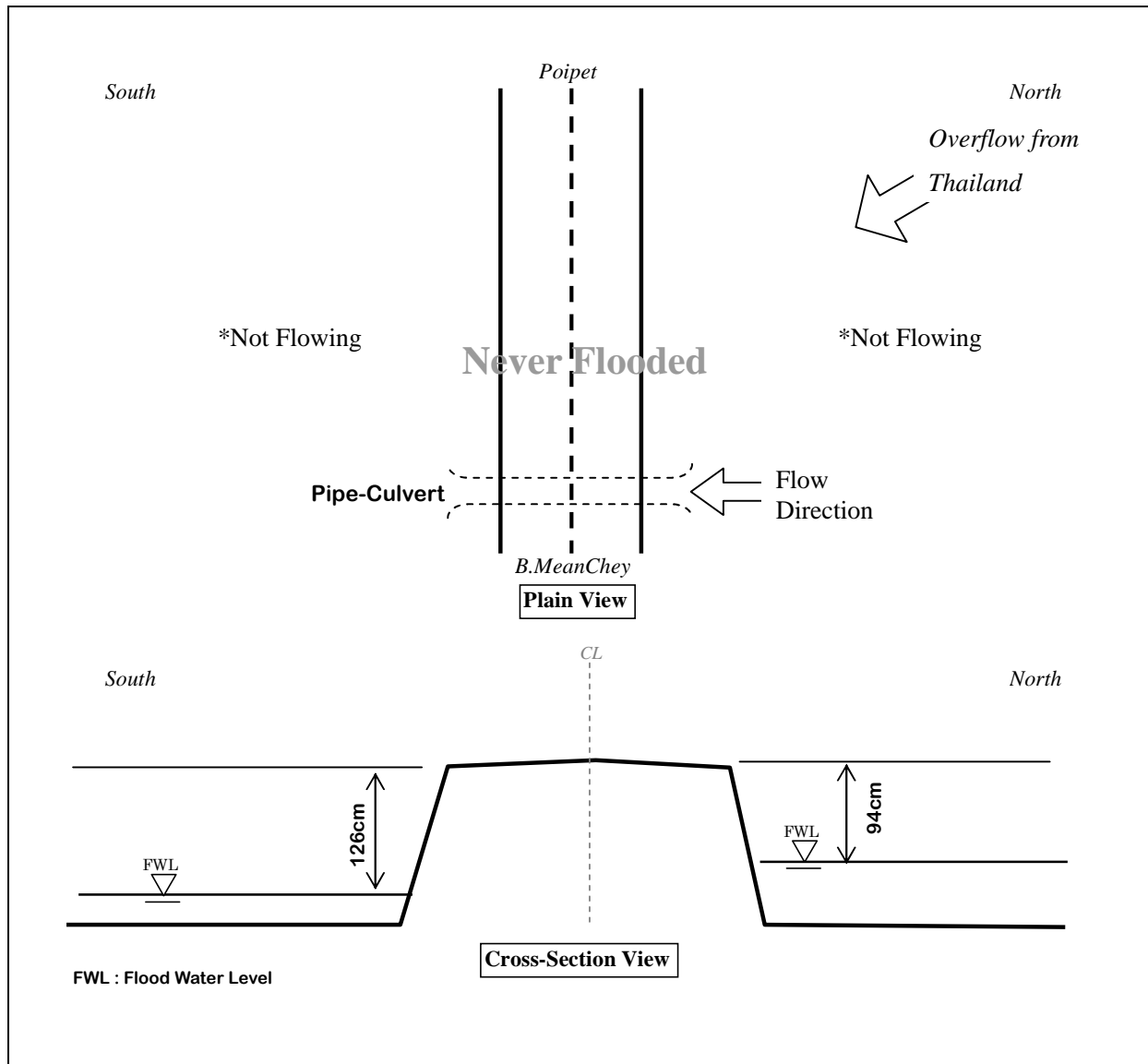
Inventory Sheet on Information of Flooding Conditions

	No.:	19
Date	7 Oct-2013	
Interview with	Sam Oun (Resident)	
PK (km)	378+000	Province BanteyMeanchey
Circumstance	Residential area	Drainage Facility Pipe-C
Flood Level	No flood on the road 95 ~ 100cm below from NR5 (2013)	
Flood Flow Direction	East side → West side (Sisophon River)	
Frequency	Seldom	
Duration Per Flood	10 Days	Occurrence Month Sep – Oct 2013
Remark	Flood caused by combination of heavy rains and overflow from Thailand	



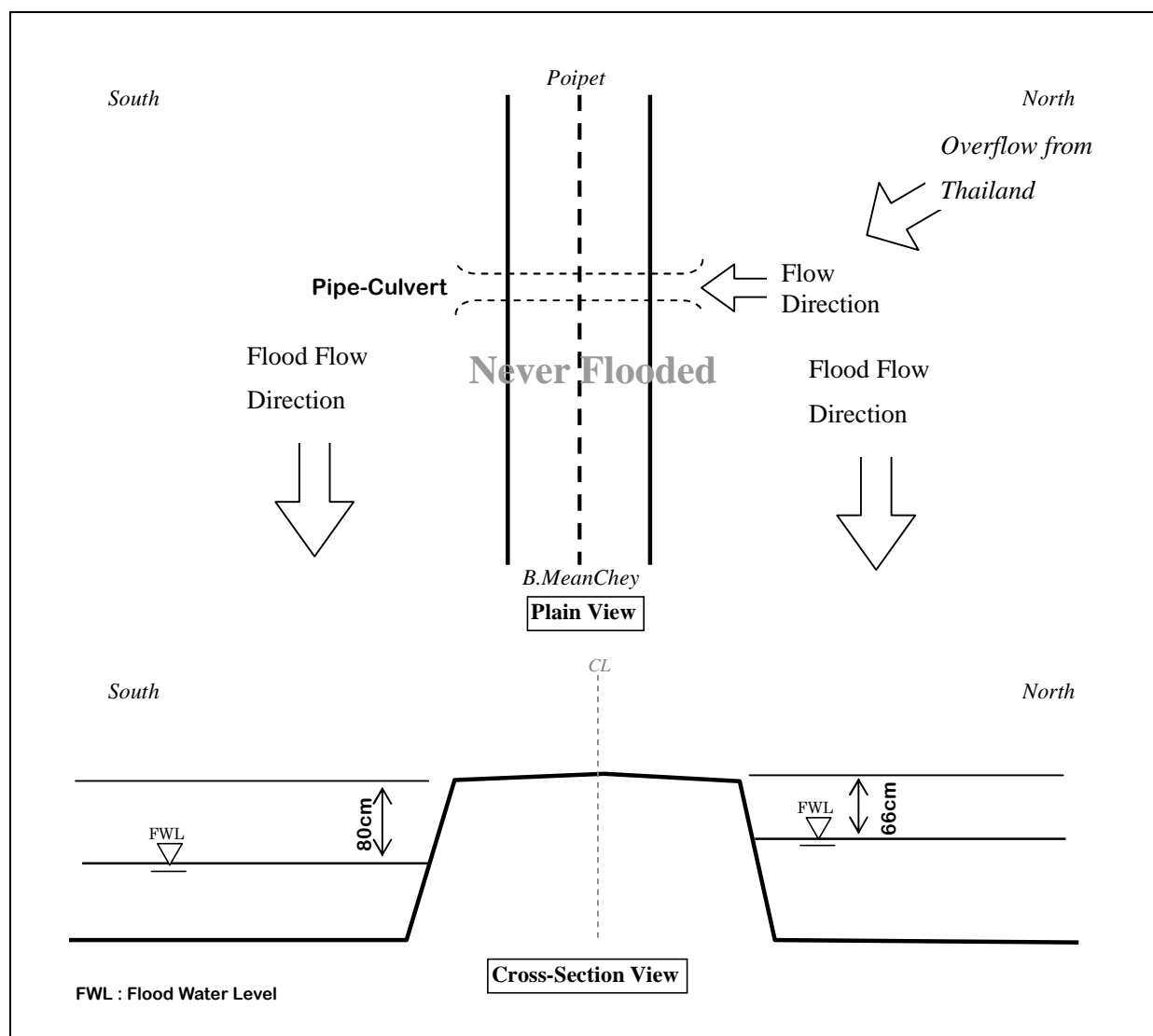
Inventory Sheet on Information of Flooding Conditions

	No.:	20
Date	7 Oct-2013	
Interview with	Chan Ra (Resident)	
PK (km)	380+000	Province BanteyMeanchey
Circumstance	Residential area	Drainage Facility Pipe-C
Flood Level	No flood on the road 95 ~ 100cm below from NR5 (2013)	
Flood Flow Direction	East side → West side (Sisophon River)	
Frequency	Seldom	
Duration Per Flood	2 ~ 3 weeks	Occurrence Month Sep – Oct 2013
Remark	Flood caused by heavy rains	



Inventory Sheet on Information of Flooding Conditions

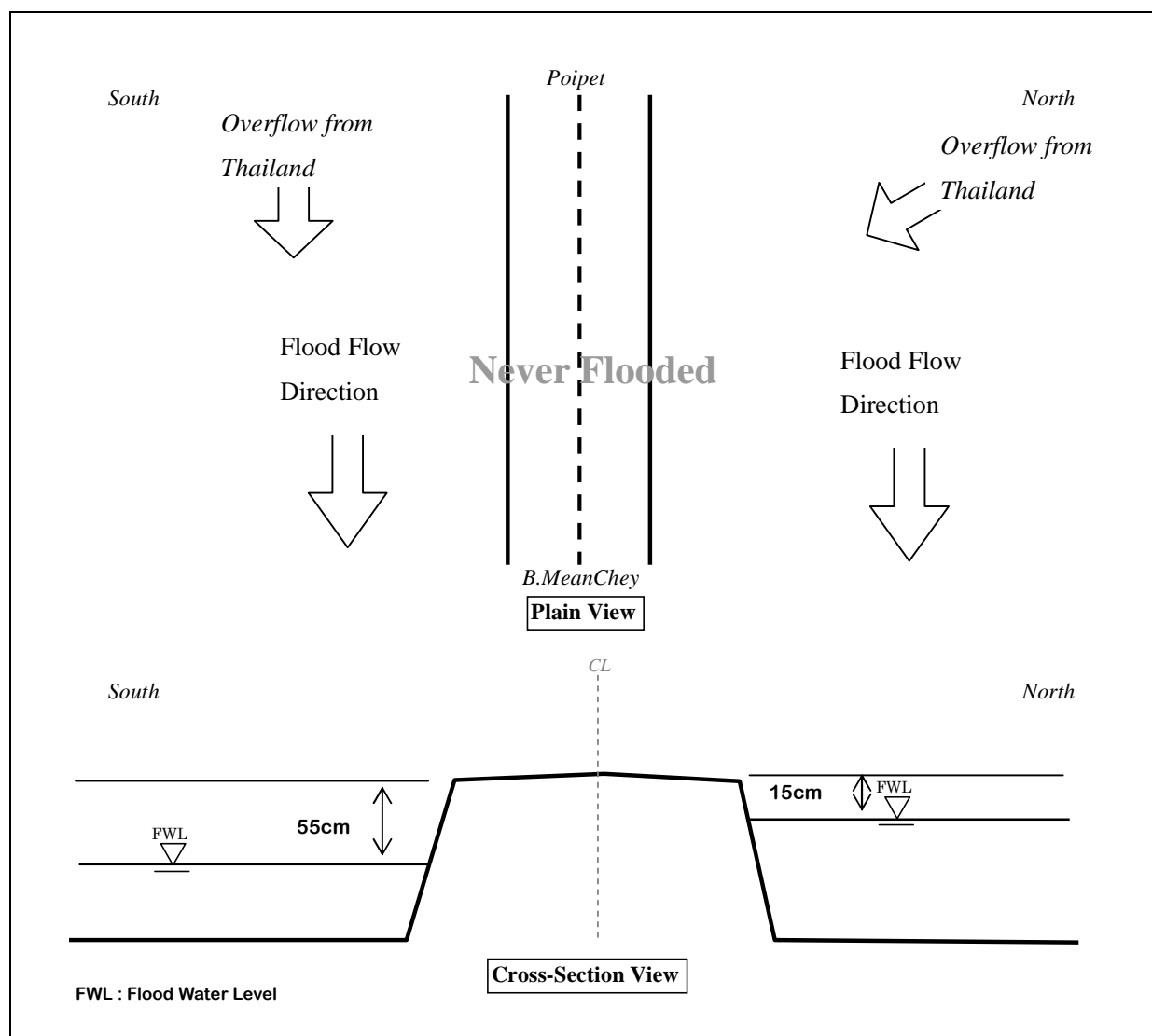
			No.:	21
Date	7 Oct-2013			
Interview with	Pil Chantha (Resident)			
PK (km)	382+000	Province	BanteyMeanchey	
Circumstance	Residential area	Drainage Facility	Pipe-C	
Flood Level	No flood on the road 65 ~ 80cm below from NR5 (2013)			
Flood Flow Direction	East side → West side (Sisophon River)			
Frequency	Seldom			
Duration Per Flood	10 Days	Occurrence Month	Sep – Oct 2013	
Remark	Flood level of north side is higher than south side usually. Flood level of 2010 was much lower than 2013.			



Inventory Sheet on Information of Flooding Conditions

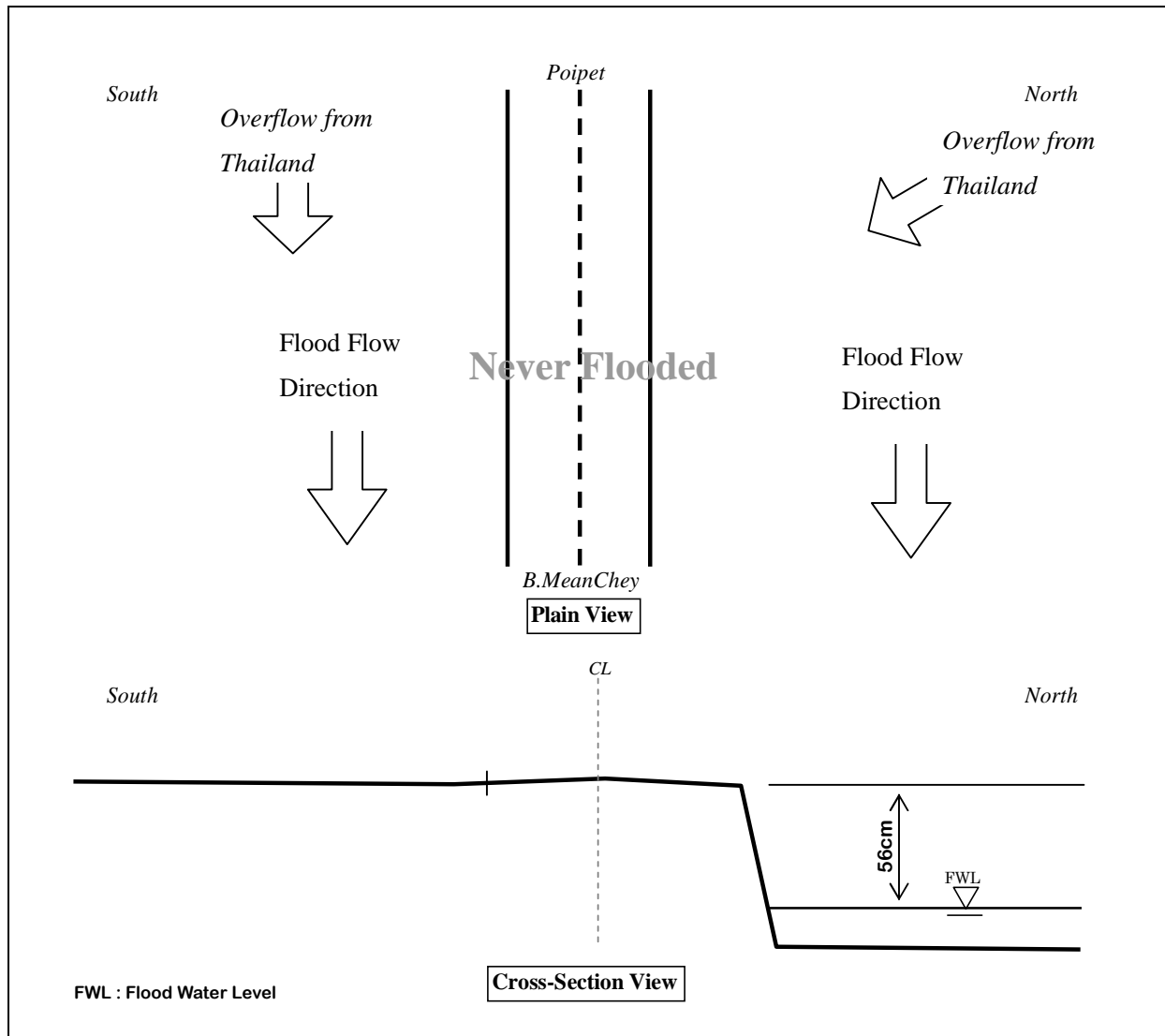
No.: 22

Date	7 Oct-2013		
Interview with	Rai (Resident)		
PK (km)	384+000	Province	BanteyMeanchey
Circumstance	Residential area	Drainage Facility	-
Flood Level	No flood on the road 15 ~ 55cm below from NR5 (2013)		
Flood Flow Direction	East side → West side (Sisophon River)		
Frequency	Seldom		
Duration Per Flood	10 ~ 15 Days	Occurrence Month	Sep – Oct 2013
Remark	Flood caused by combination of heavy rains and overflow from Thailand. Flood level has gotten higher since 5 Oct.		



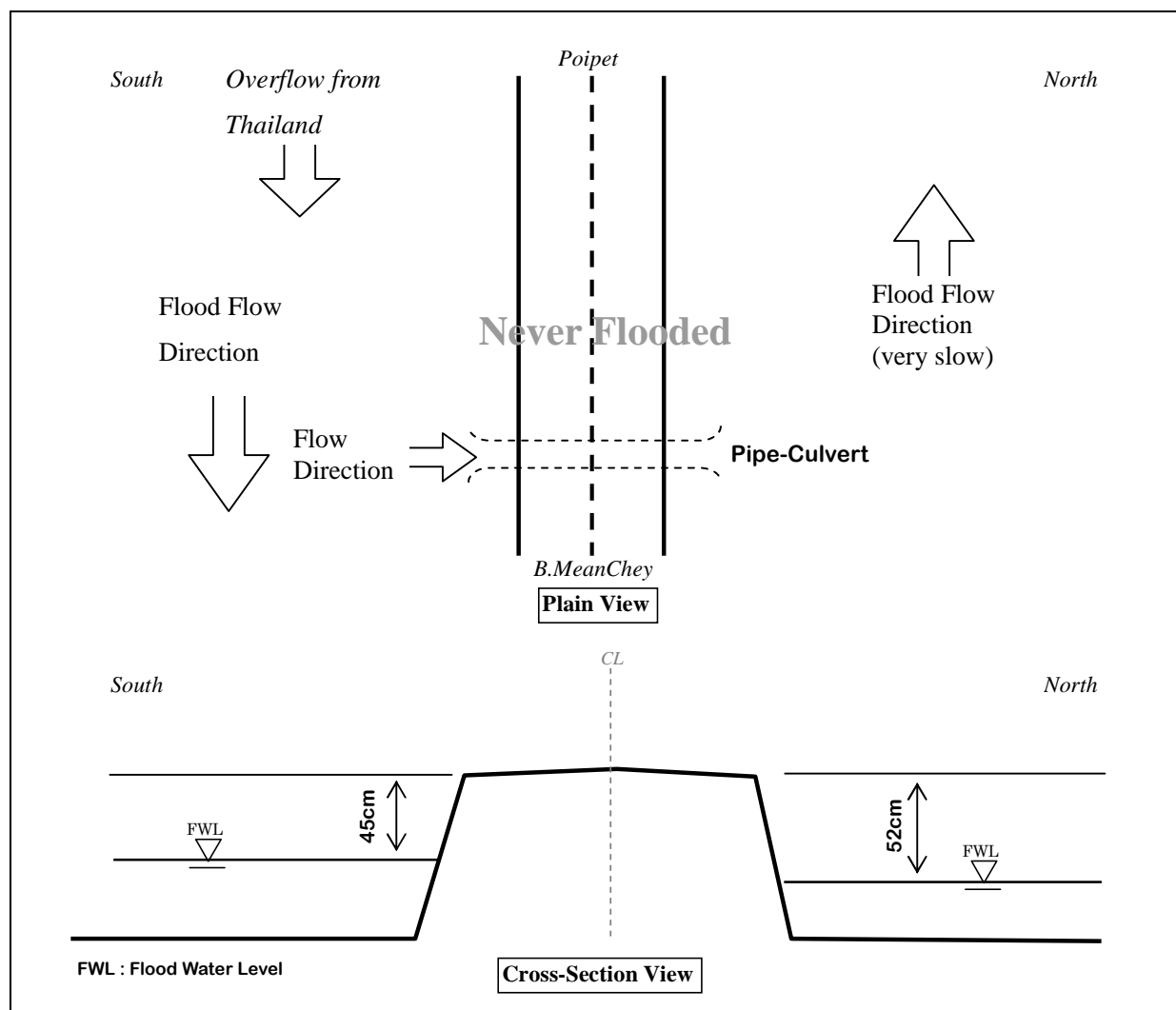
Inventory Sheet on Information of Flooding Conditions

			No.:	23
Date	7 Oct-2013			
Interview with	Chan Bo (Resident)			
PK (km)	386+000	Province	BanteyMeanchey	
Circumstance	Residential area	Drainage Facility	-	
Flood Level	No flood on the road 55cm below from NR5 (2013)			
Flood Flow Direction	East side → West side (Sisophon River)			
Frequency	Seldom			
Duration Per Flood	2 Weeks	Occurrence Month	Sep – Oct 2013	
Remark	Flood caused by combination of heavy rains and overflow from Thailand.			



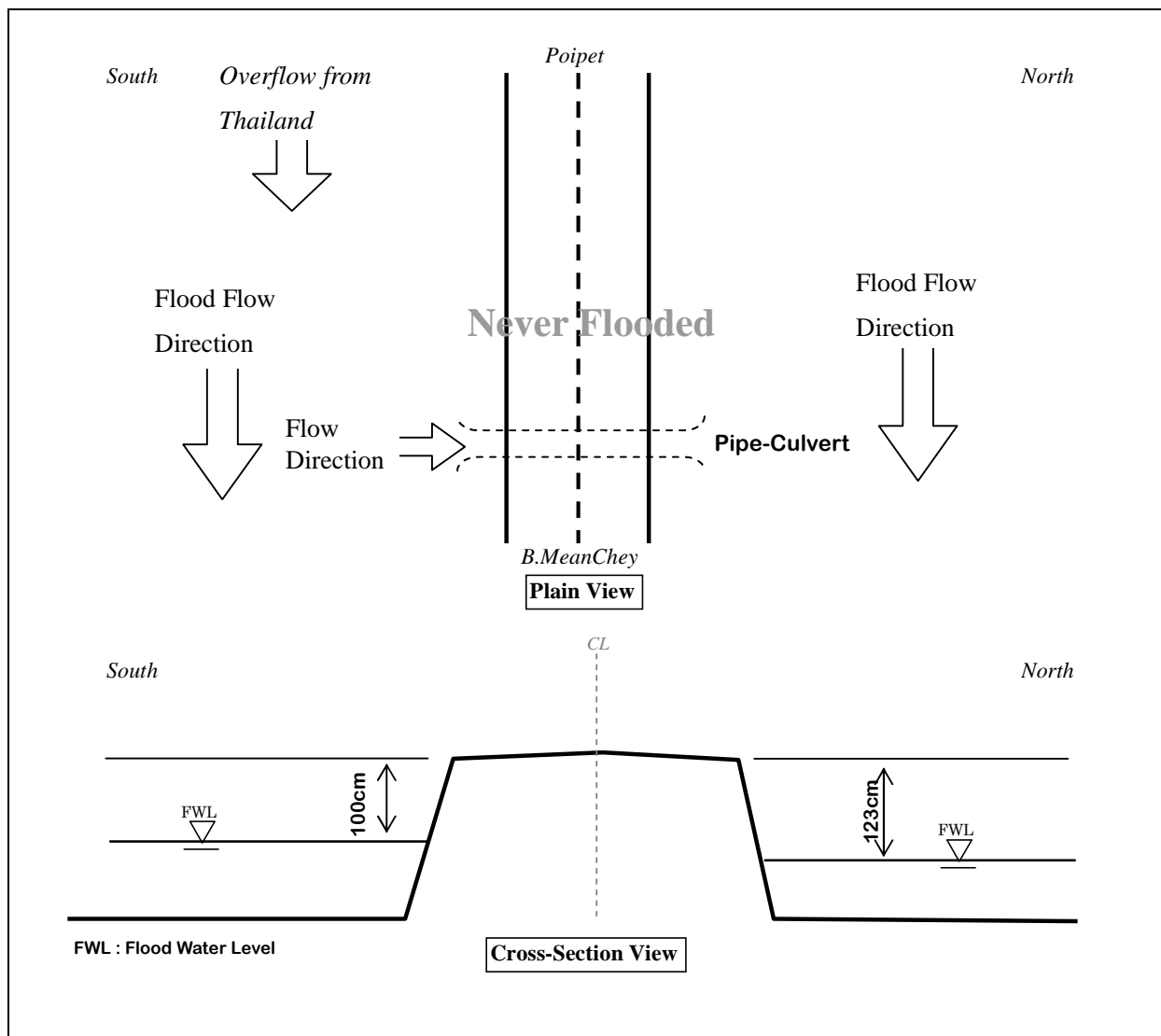
Inventory Sheet on Information of Flooding Conditions

			No.:	24
Date	7 Oct-2013			
Interview with	Peng (Resident)			
PK (km)	388+000	Province	BanteyMeanchey	
Circumstance	Residential area	Drainage Facility	Pipe-C	
Flood Level	No flood on the road 45 ~ 55cm below from NR5 (2013)			
Flood Flow Direction	East side → West side (Sisophon River)			
Frequency	Seldom			
Duration Per Flood	10 Days	Occurrence Month	Sep – Oct 2013	
Remark	Flood caused by combination of heavy rains and overflow from Thailand in 2013. In 2010, flood also overflowed from Thailand but rainfall was much less than in 2013. Duration of rainfall is 2 ~ 3 hr normally.			



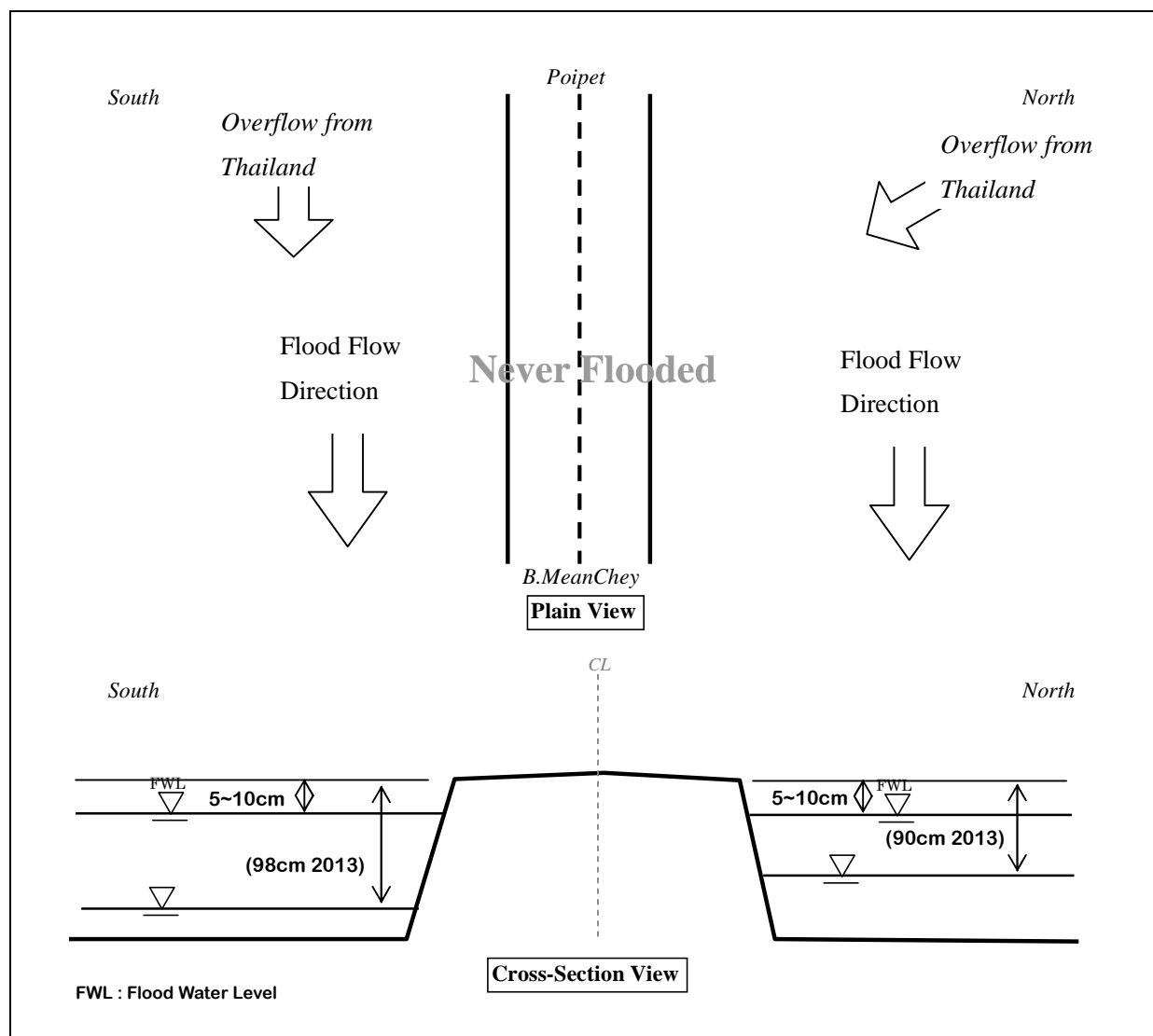
Inventory Sheet on Information of Flooding Conditions

			No.:	25
Date	7 Oct-2013			
Interview with	Oun Seuy (Resident)			
PK (km)	390+000	Province	BanteyMeanchey	
Circumstance	Residential area	Drainage Facility	Pipe-C	
Flood Level	No flood on the road 100 ~ 125cm below from NR5 (2013)			
Flood Flow Direction	East side → West side (Sisophon River)			
Frequency	Seldom			
Duration Per Flood	1 Week	Occurrence Month	Sep – Oct 2013	
Remark	Flood caused by combination of heavy rains and overflow from the river along the border between Cambodia and Thailand.			



Inventory Sheet on Information of Flooding Conditions

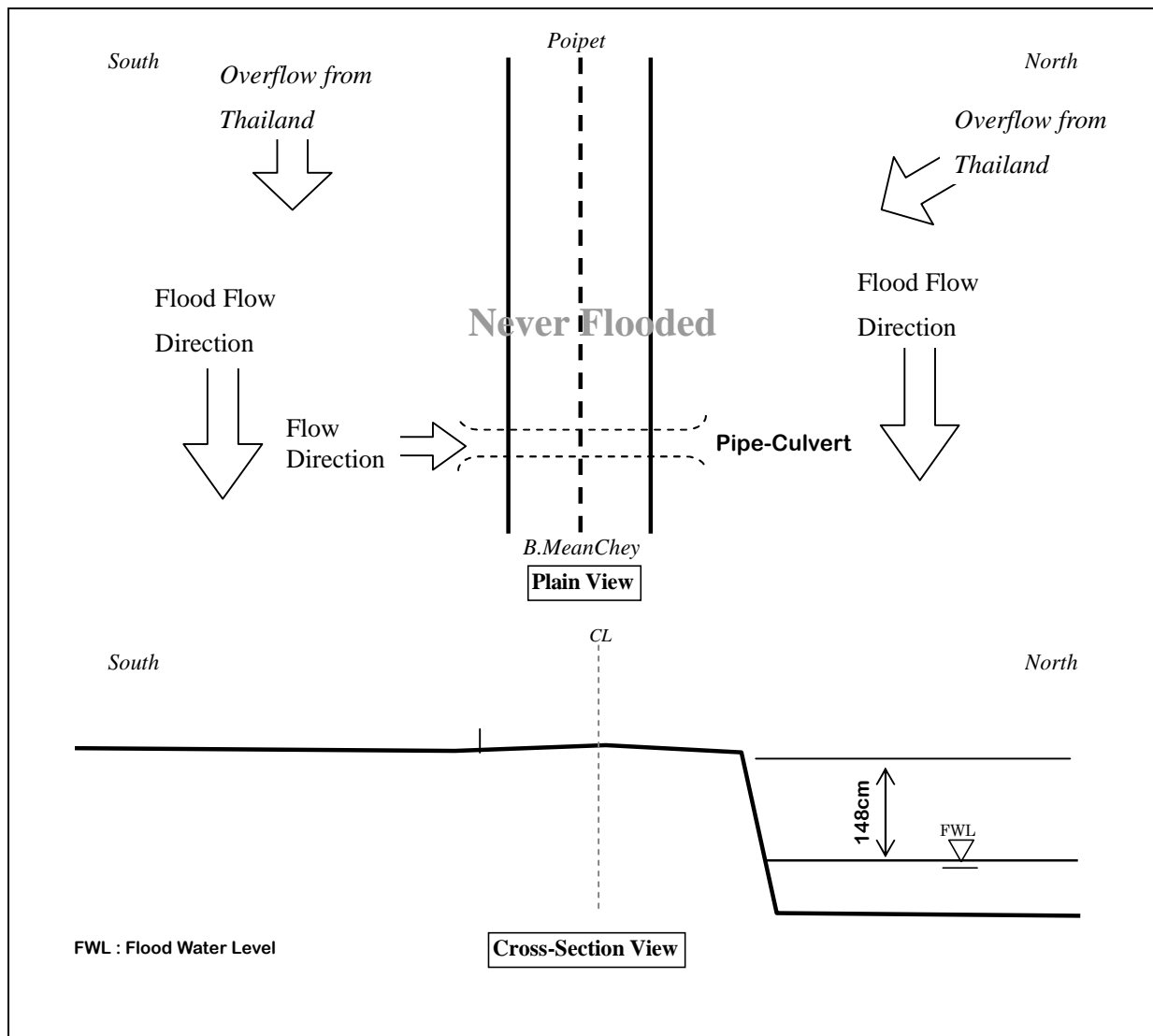
			No.:	26
Date	7 Oct-2013			
Interview with	Som Kimlaorn (Resident)			
PK (km)	392+000	Province	BanteyMeanchey	
Circumstance	Residential area	Drainage Facility	-	
Flood Level	No flood on the road 5 ~ 10cm below from NR5 (2012)			
Flood Flow Direction	East side → West side (Sisophon River)			
Frequency	Seldom			
Duration Per Flood	1 Week	Occurrence Month	Oct 2012	
Remark				



Inventory Sheet on Information of Flooding Conditions

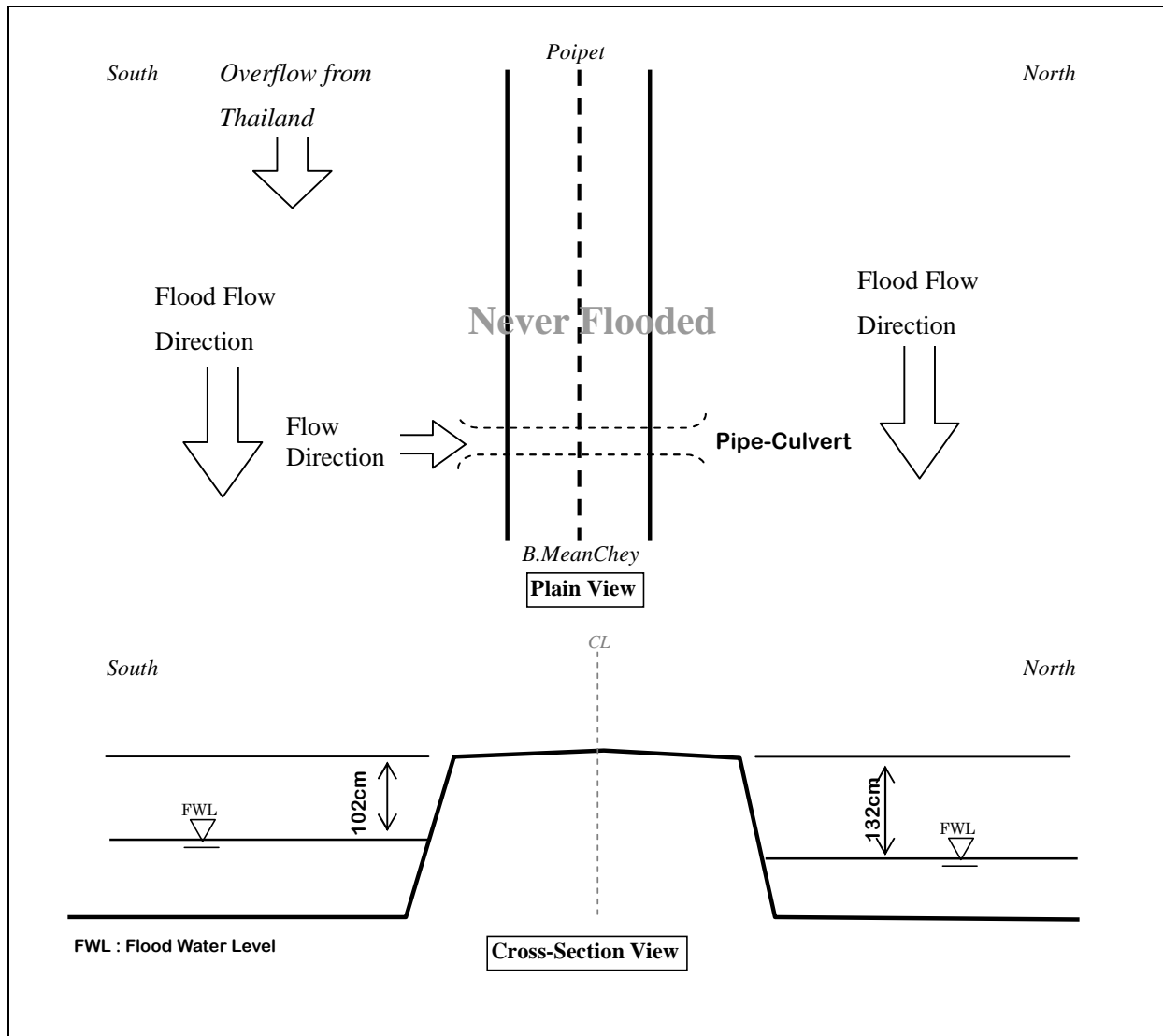
No.: 27

Date	7 Oct-2013		
Interview with	Tob Si Tharn (Resident)		
PK (km)	394+000	Province	BanteyMeanchey
Circumstance	Residential area	Drainage Facility	Pipe-C
Flood Level	No flood on the road 145cm below from NR5 (2013)		
Flood Flow Direction	East side → West side (Sisophon River)		
Frequency	Seldom		
Duration Per Flood	10 Days	Occurrence Month	Sep – Oct 2013
Remark	Flood level of 2013 is almost same as it of 2012.		



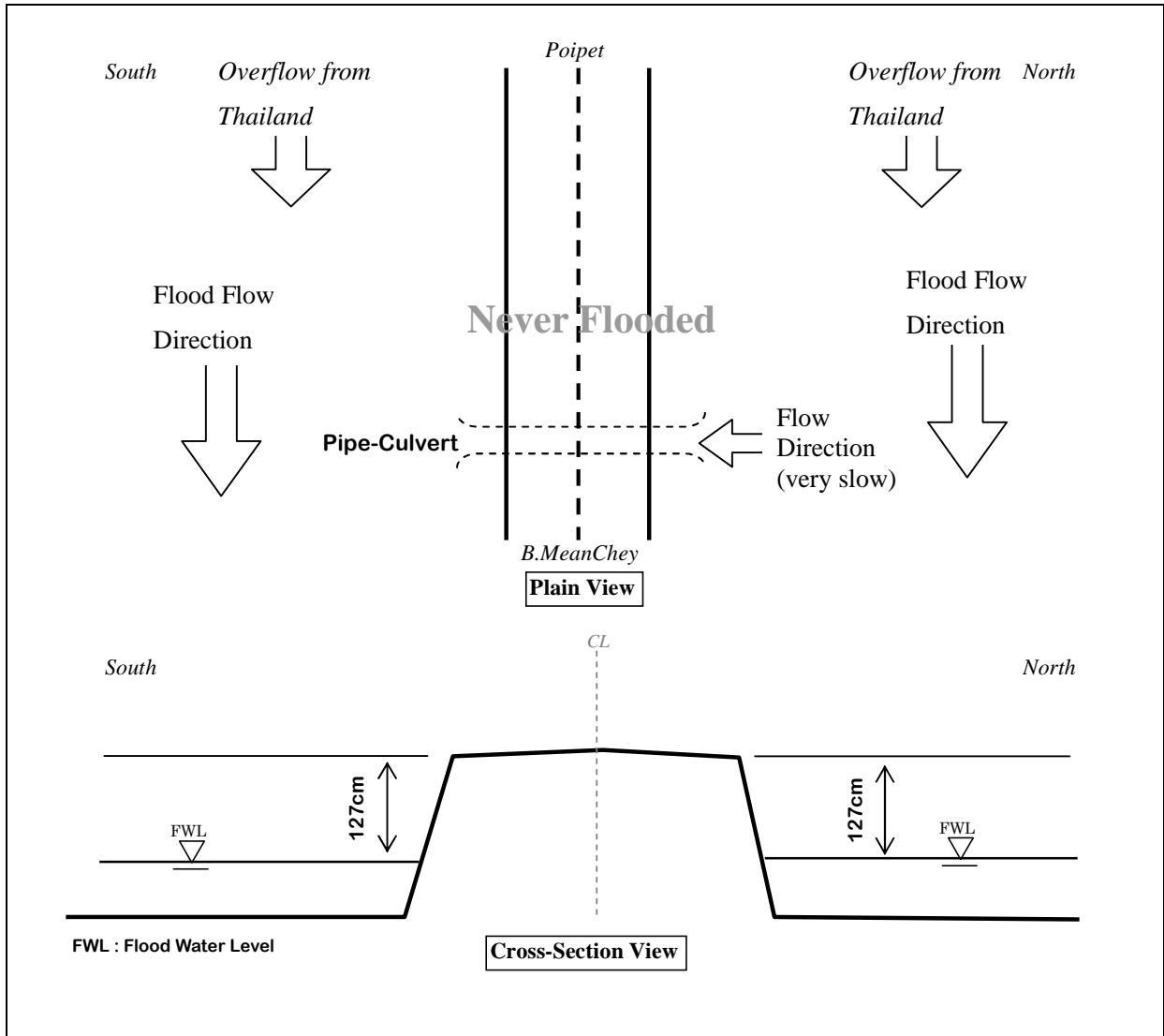
Inventory Sheet on Information of Flooding Conditions

			No.:	28
Date	7 Oct-2013			
Interview with	Seng Hak (Worker)			
PK (km)	396+000	Province	BanteyMeanchey	
Circumstance	Residential area	Drainage Facility	Pipe-C	
Flood Level	No flood on the road 100 ~ 135cm below from NR5 (2013)			
Flood Flow Direction	East side → West side (Sisophon River)			
Frequency	Seldom			
Duration Per Flood	1 Week	Occurrence Month	Sep – Oct 2013	
Remark	Flood is affected by overflow from Thailand much more than rainfall.			



Inventory Sheet on Information of Flooding Conditions

	No.:	29
Date	7 Oct-2013	
Interview with	San Sok Chheun (Resident)	
PK (km)	400+000	Province BanteyMeanchey
Circumstance	Rice Field	Drainage Facility Pipe-C
Flood Level	No flood on the road 100 ~ 135cm below from NR5 (2013)	
Flood Flow Direction	East side → West side (Sisophon River)	
Frequency	Seldom	
Duration Per Flood	2 Weeks	Occurrence Month Sep – Oct 2013
Remark	Flood caused by combination of heavy rains and overflow from Thailand.	

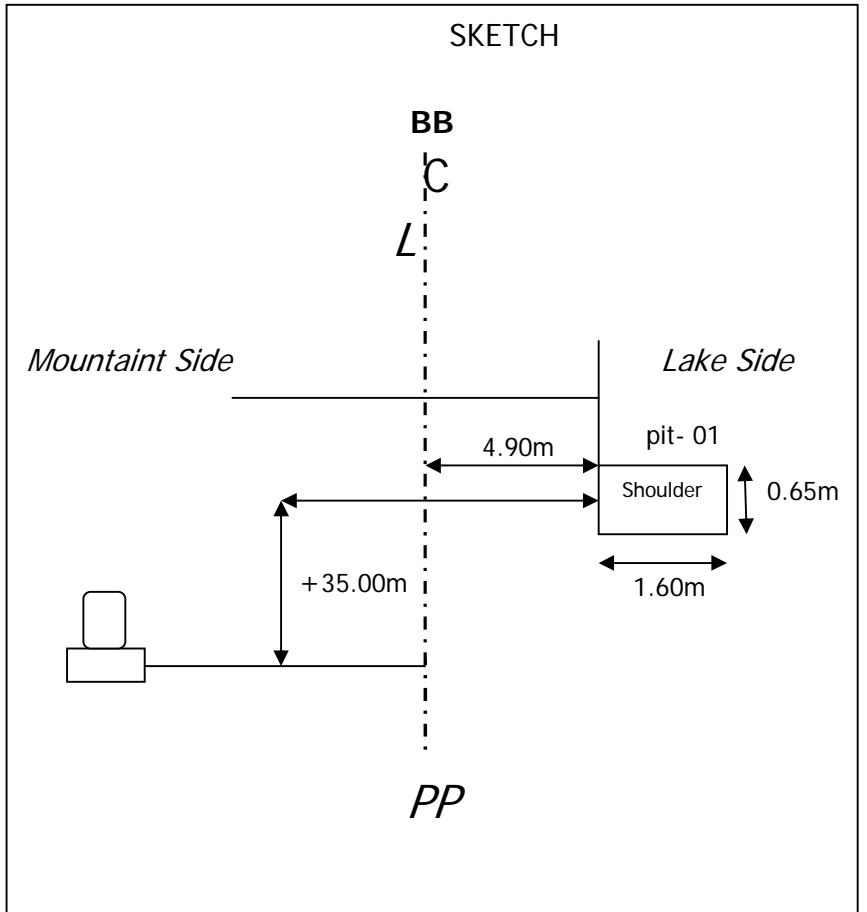


APPENDIX 6-5



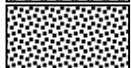

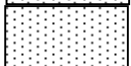
SKETCHES OF TEST PITS ON THE MIDDLE SECTION

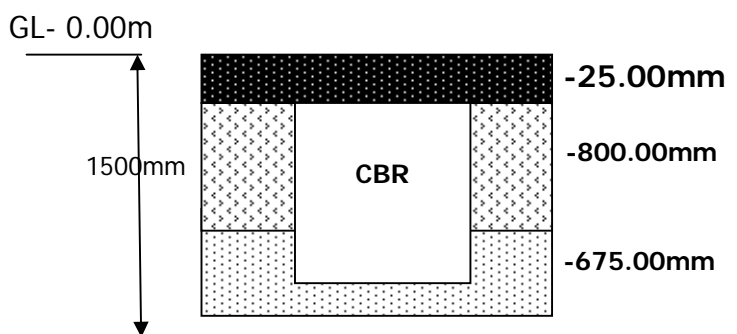
Field Test Record

Date:21...../...05...../...2013....
 Work Item: Digging Hole
 Trial Pit No: 01
 Location : KP: 171 + 035M
 PVC Water Pipe: No
 Optical Cable: No
 Bituminous: 25 mm
 Base Course: No mm
 Sub-Base Course: No mm
 Sub-Grade: 800 mm
 Embankment: 675 mm
 N: 1384674. E: 0397309.



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:21../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....02.....

Location : KP....173.....+...000...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

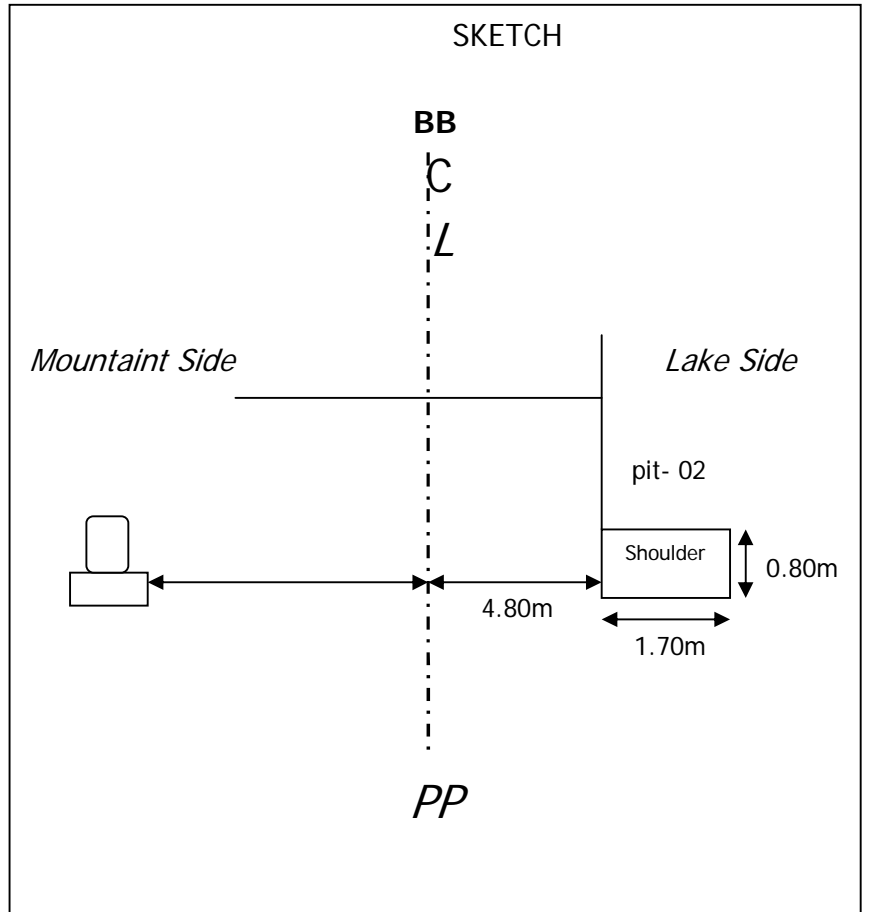
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm



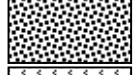


Sub-Grade:.....650.....mm

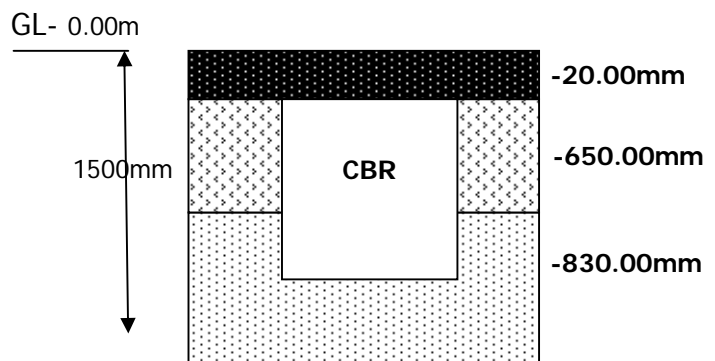
Embankment:.....830.....mm

N:..1384634....., E:..0395356.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:21../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....03.....

Location : KP....175.....+...000...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

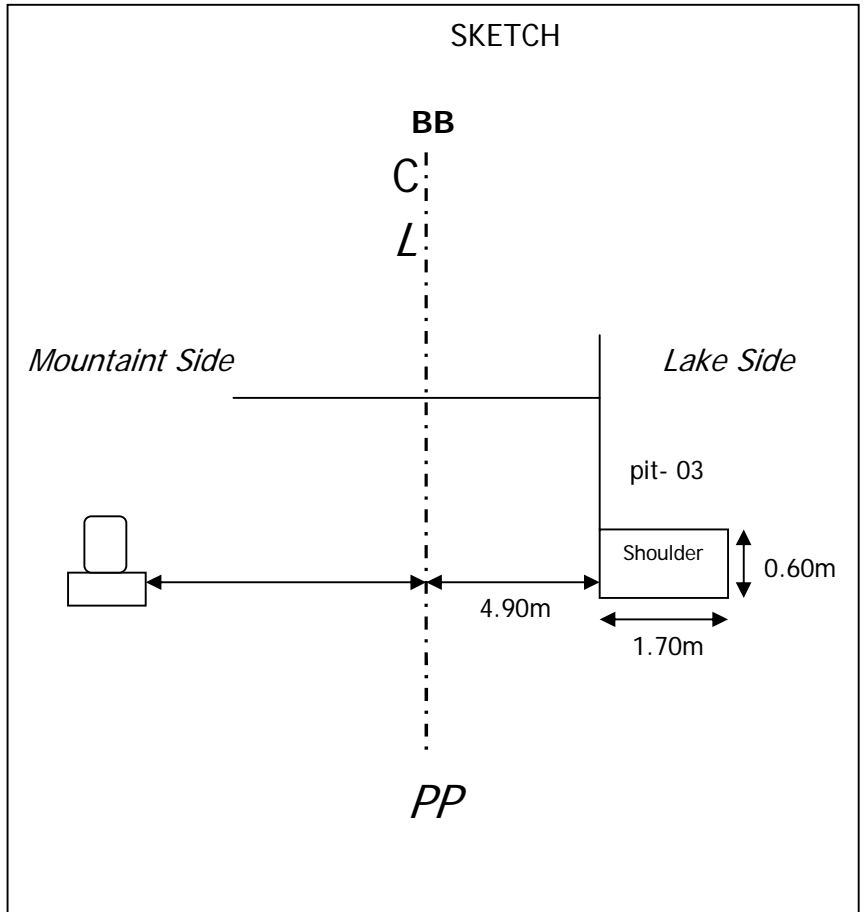
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm



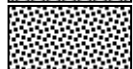

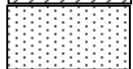
Sub-Grade:.....650.....mm

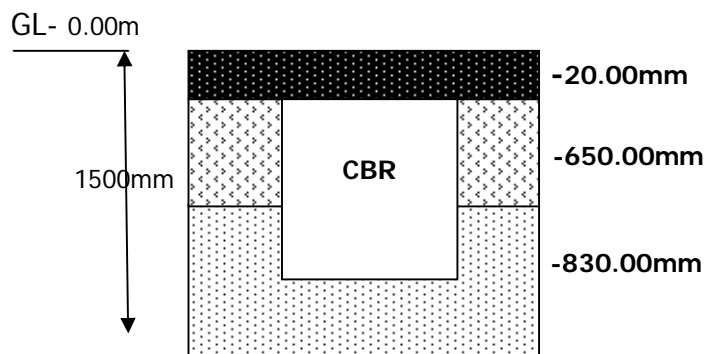
Embankment:.....830.....mm

N:..1384580....., E:..0393378.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:21../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....04.....

Location : KP....177.....+...005M..

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....15.....mm

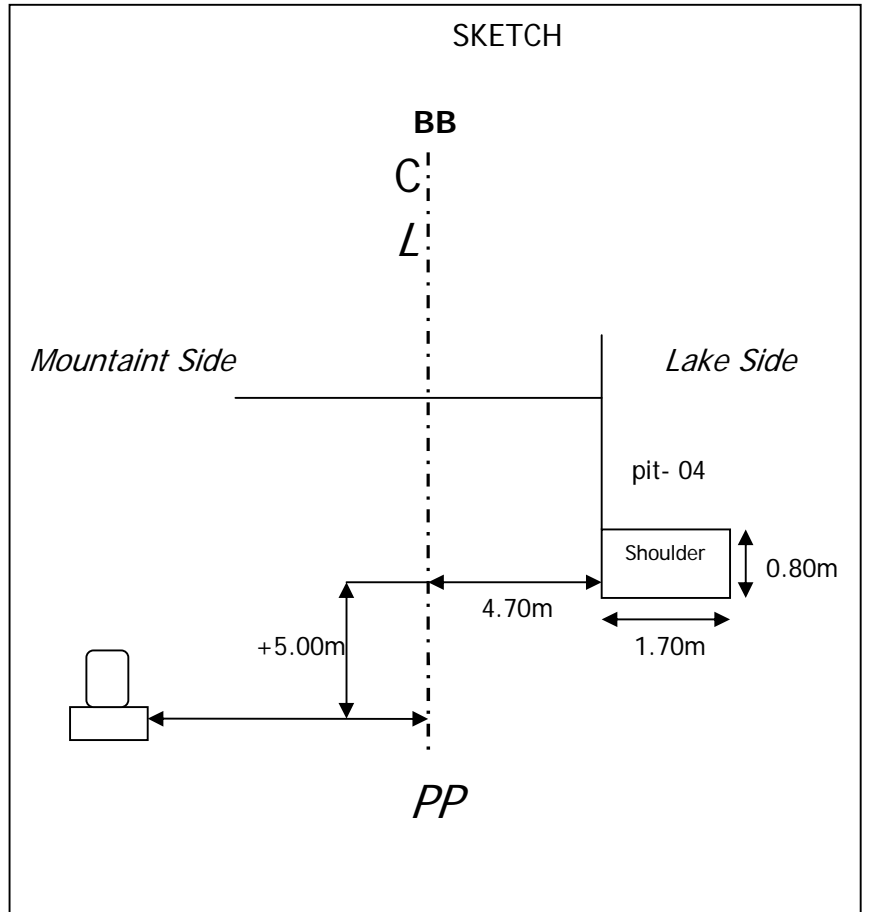
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm

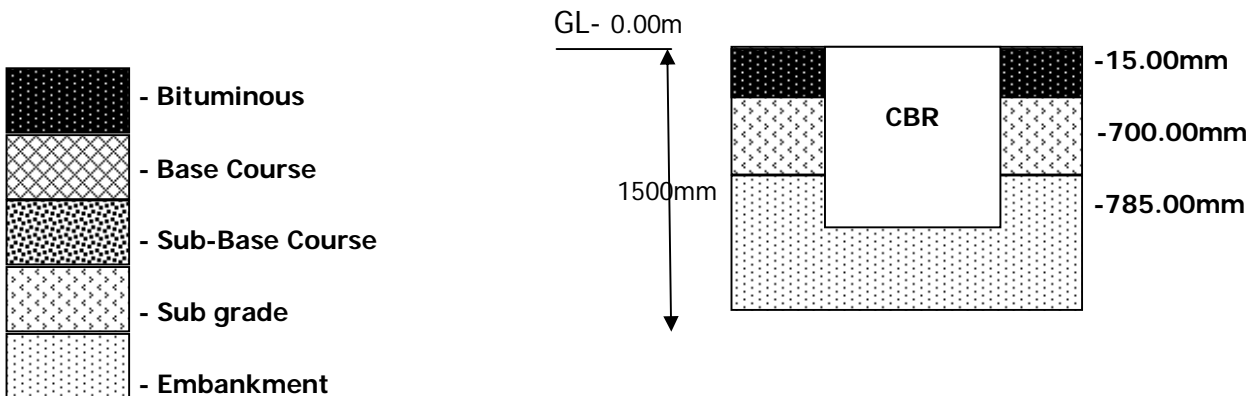
Sub-Grade:.....700.....mm

Embankment:.....785.....mm

N:..1384646....., E:..0391397.....



Note:



Field Test Record

Date:22../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....05.....

Location : KP....179.....+...000...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....15.....mm

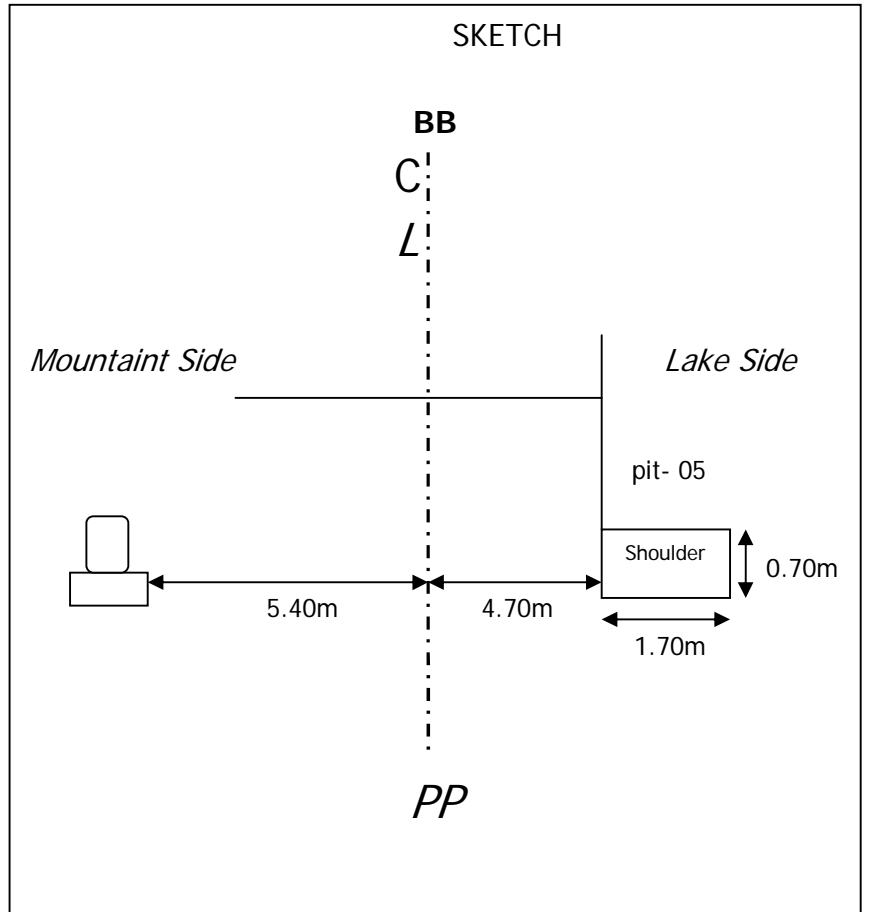
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm





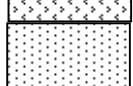
Sub-Grade:.....700.....mm

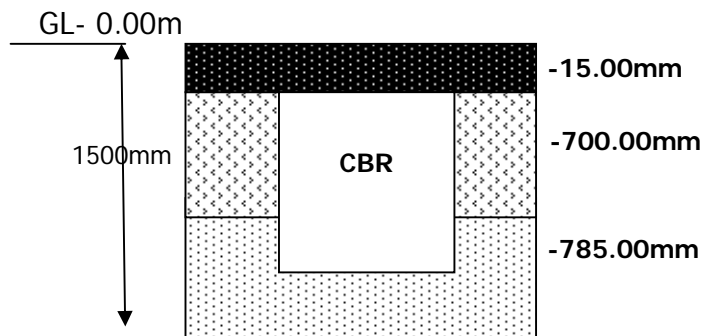
Embankment:.....785.....mm

N:..1384762....., E:..0389368.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:22../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....06.....

Location : KP....181.....+...004M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

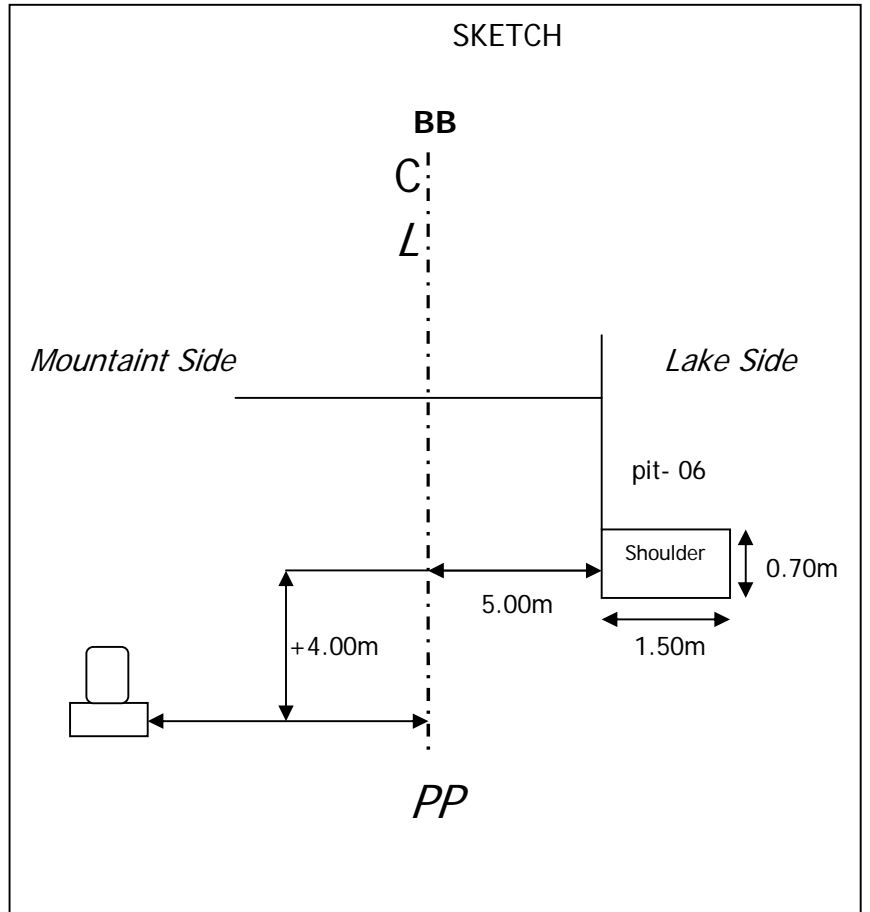
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm



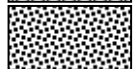

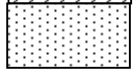
Sub-Grade:.....700.....mm

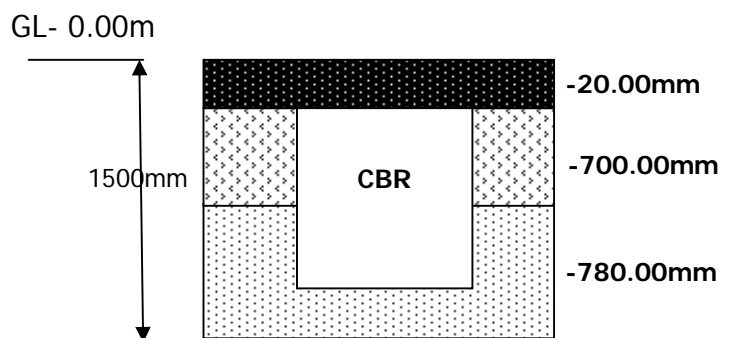
Embankment:.....780.....mm

N:..1384869....., E:..0384869.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:22../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....07.....

Location : KP....183.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

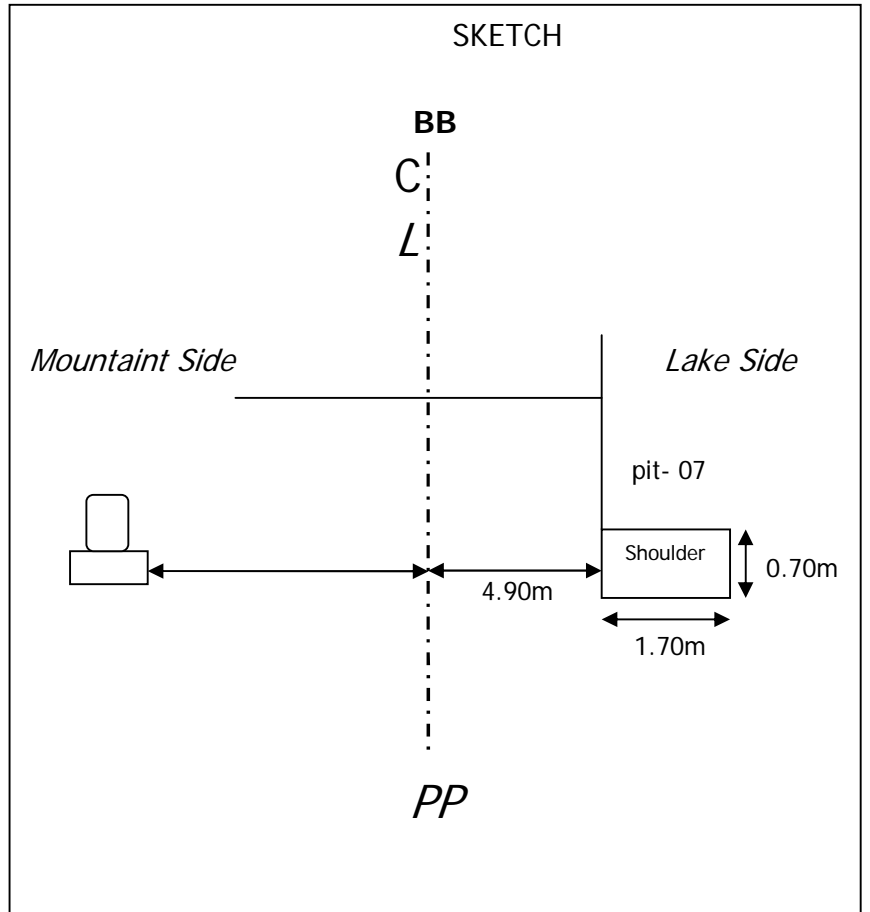
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm





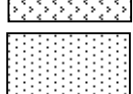
Sub-Grade:.....700.....mm

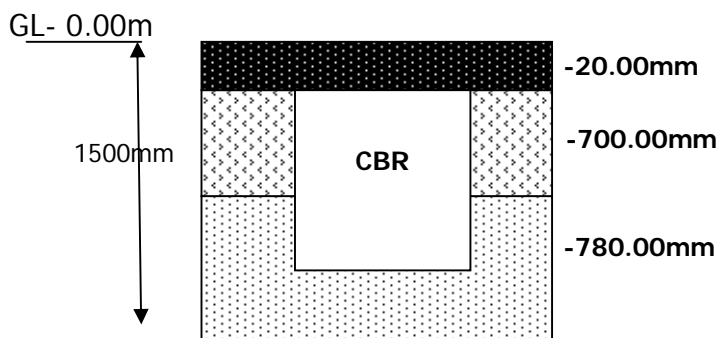
Embankment:.....780.....mm

N:..1384963....., E:..0385514.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:22../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....08.....

Location : KP....185.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

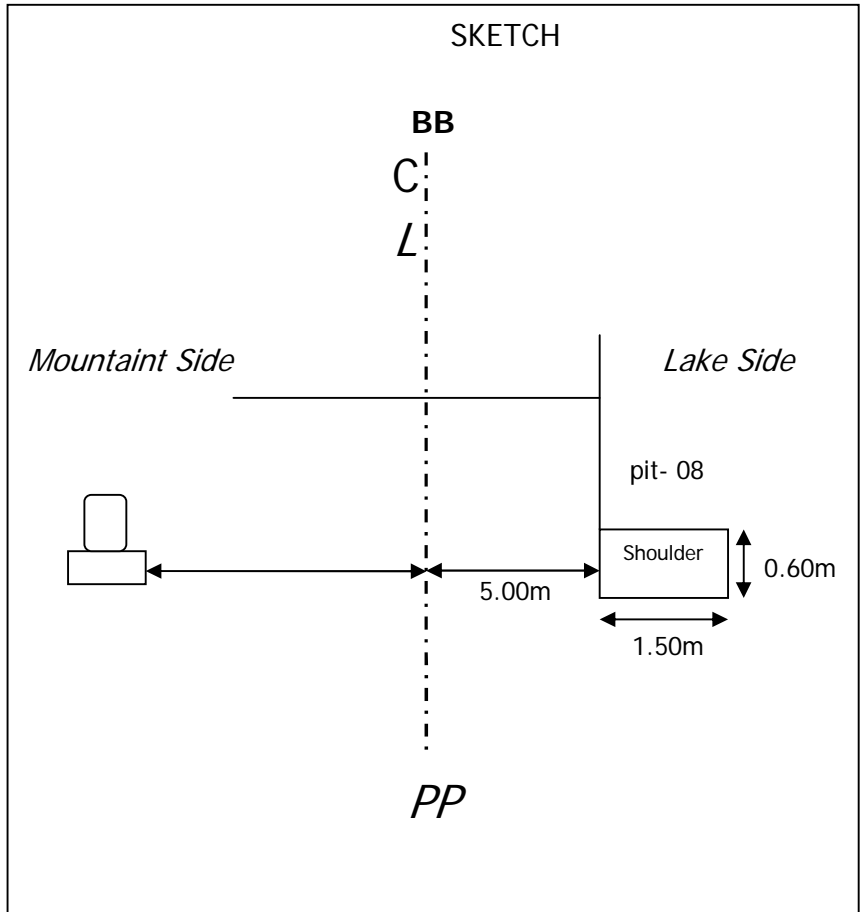
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm





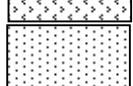
Sub-Grade:.....700.....mm

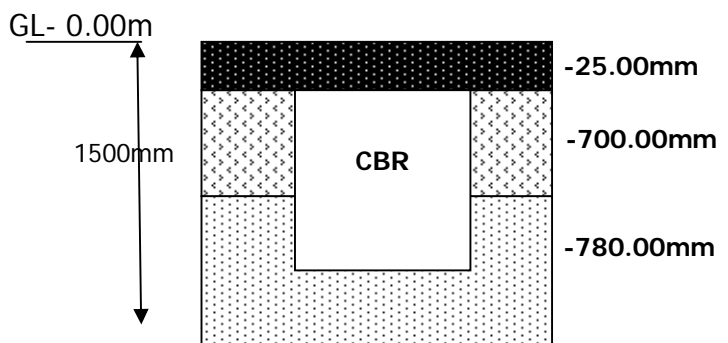
Embankment:.....780.....mm

N:..1385185....., E:..0383623.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:23../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....09.....

Location : KP....187.....+...0.10M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

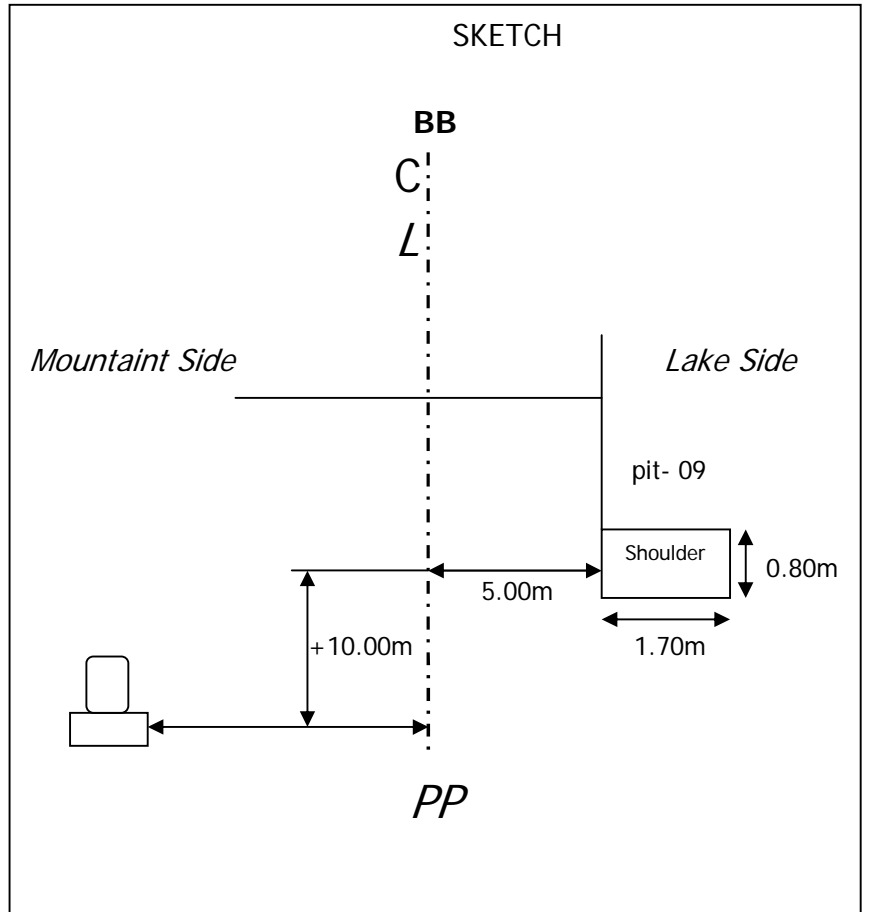
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm





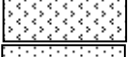
Sub-Grade:.....600.....mm

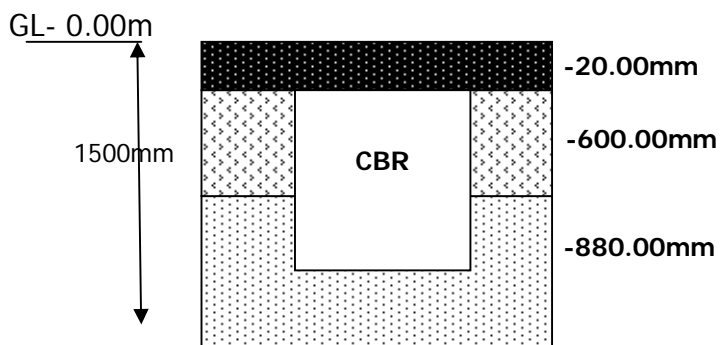
Embankment:.....880.....mm

N:..1385916....., E:..0381834.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:23../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....10.....

Location : KP....189.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

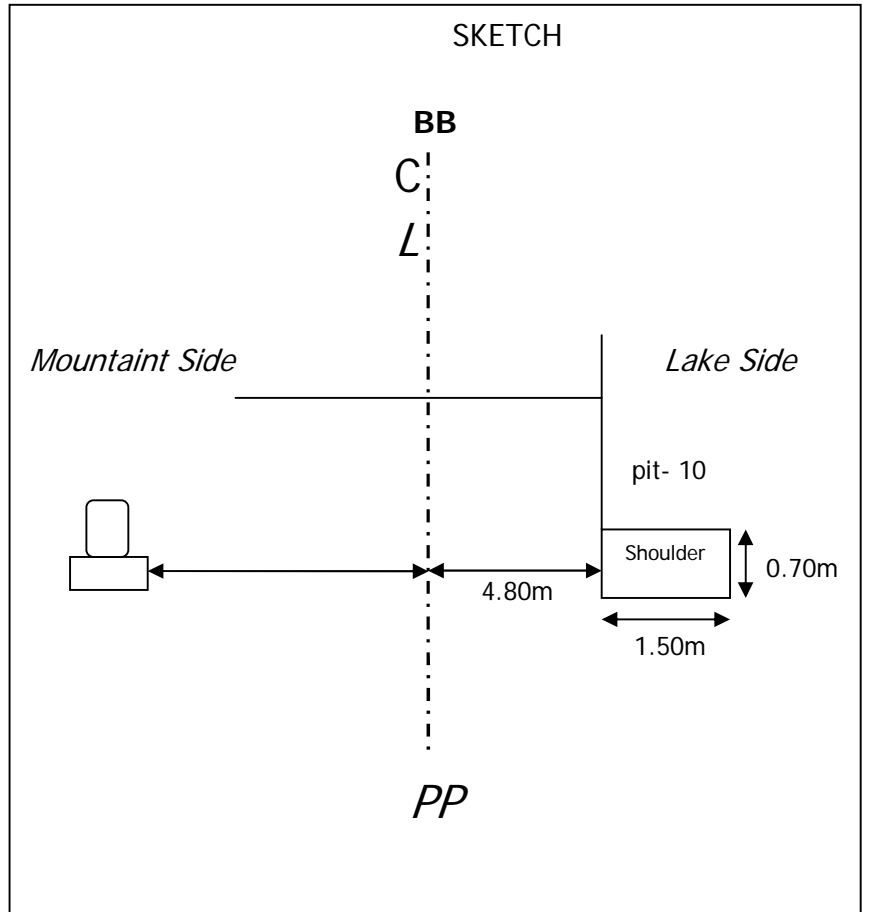
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm





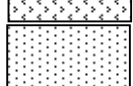
Sub-Grade:.....700.....mm

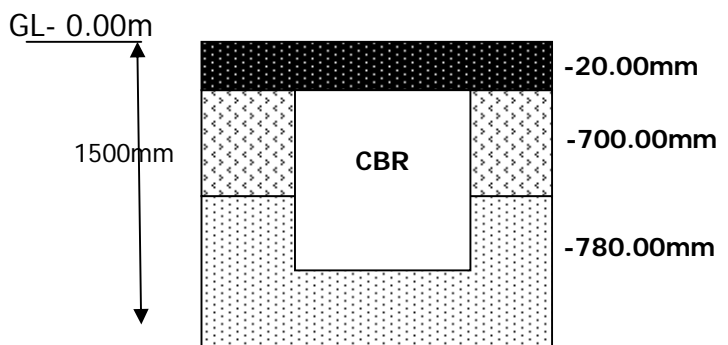
Embankment:.....780.....mm

N:..1386716....., E:..0380068.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:23../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....11.....

Location : KP....191.....+...0.02M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

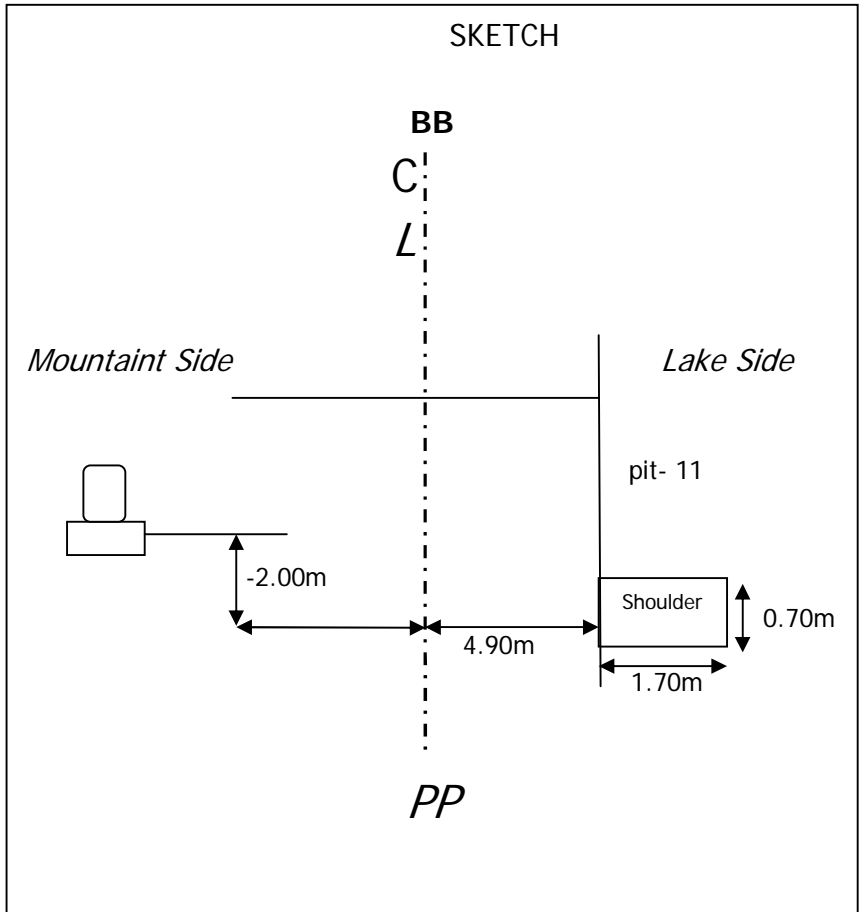
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm





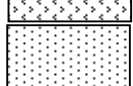
Sub-Grade:.....600.....mm

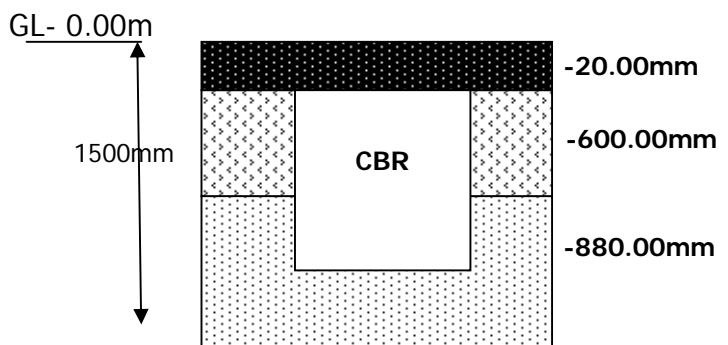
Embankment:.....880.....mm

N:..1387519....., E:..0378230.....



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:23../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....12.....

Location : KP....193.....-...0.08...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

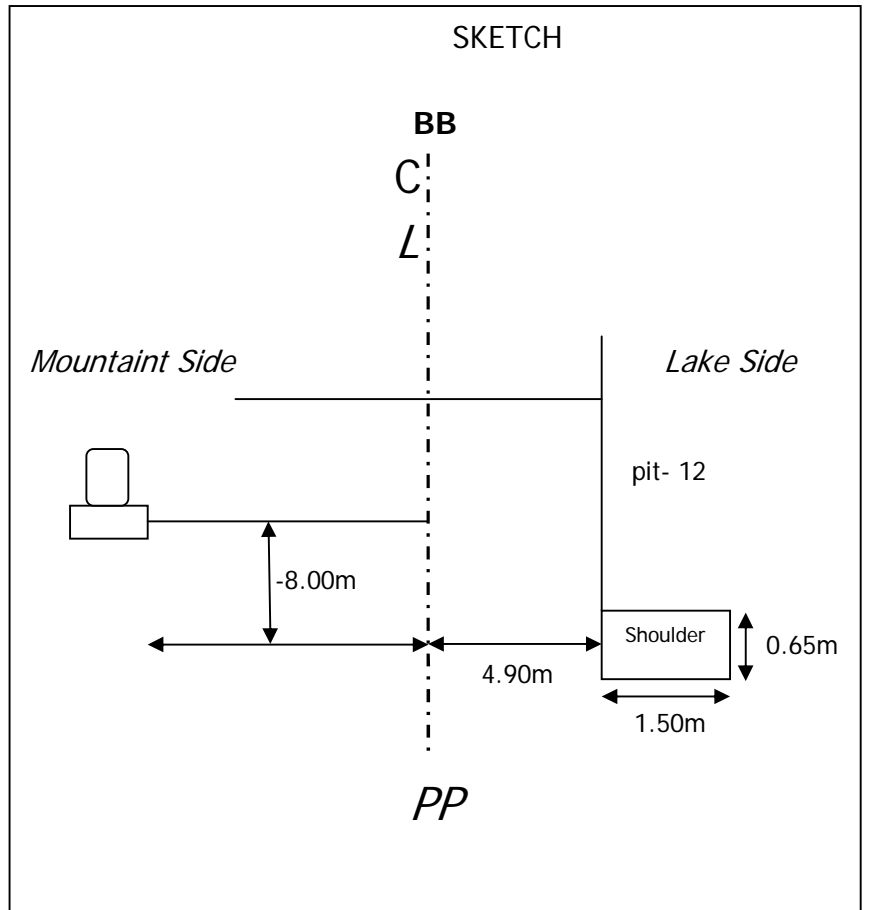
Base Course:.....No.....mm

Sub-Base Course:.....180.....mm






Sub-Grade:.....500.....mm

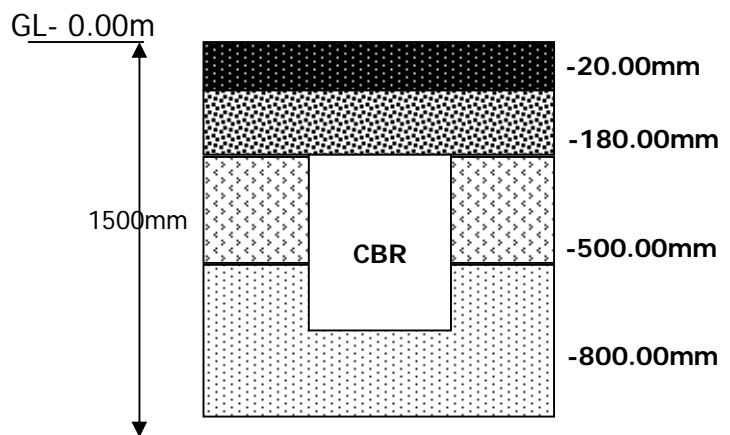
Embankment:.....800.....mm

N: 1388280, E: 0376320



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:23../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....13.....

Location : KP....195.....-...0.05M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

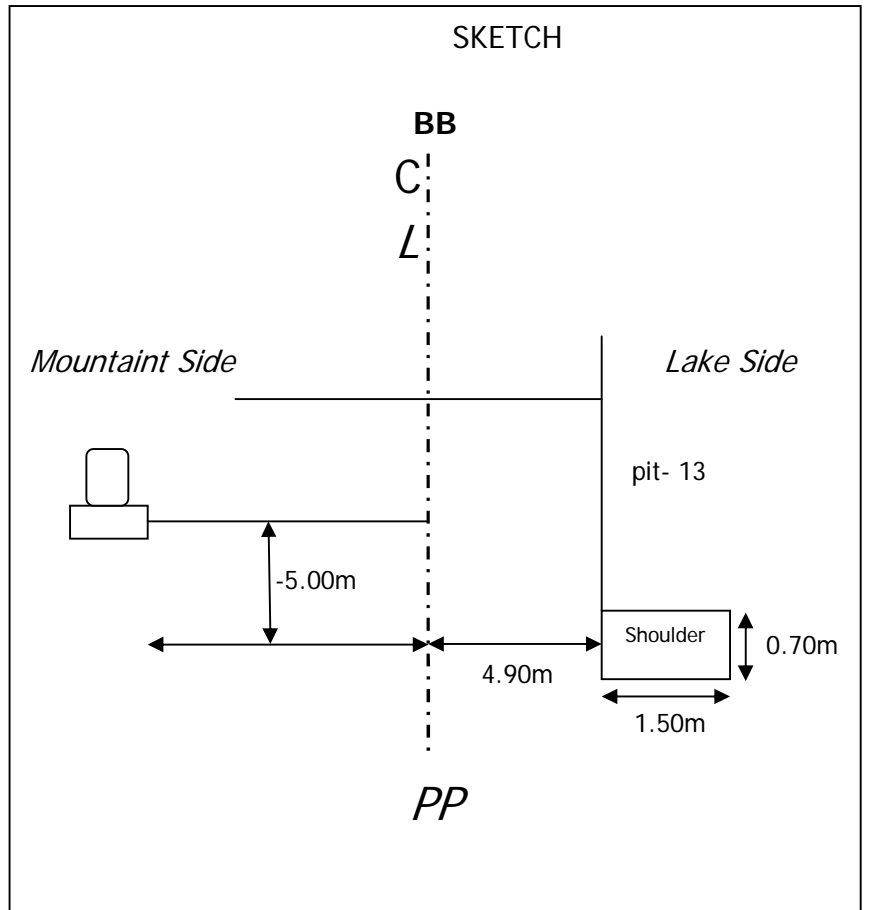
Base Course:.....No.....mm

Sub-Base Course:.....230.....mm

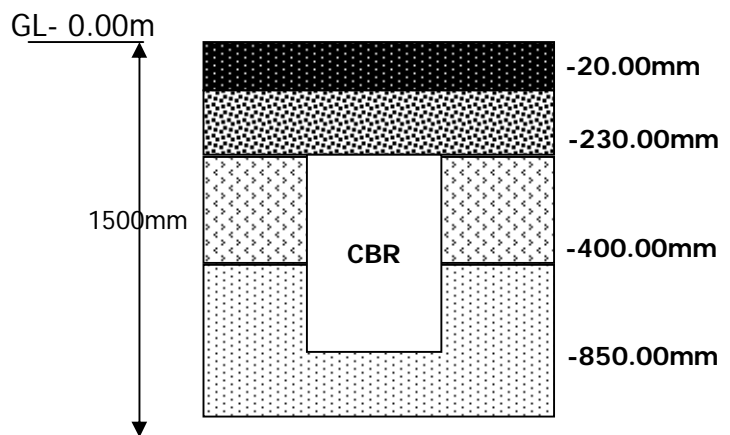
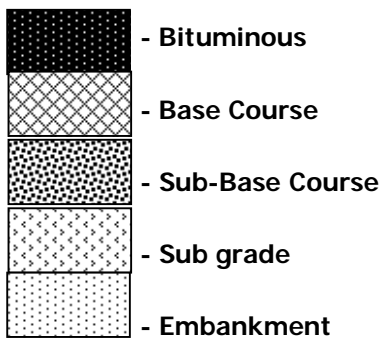
Sub-Grade:.....400.....mm

Embankment:.....850.....mm

N: 1389389, E: 0374556



Note:



Field Test Record

Date:24../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....14.....

Location : KP....197.....+...0.04M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

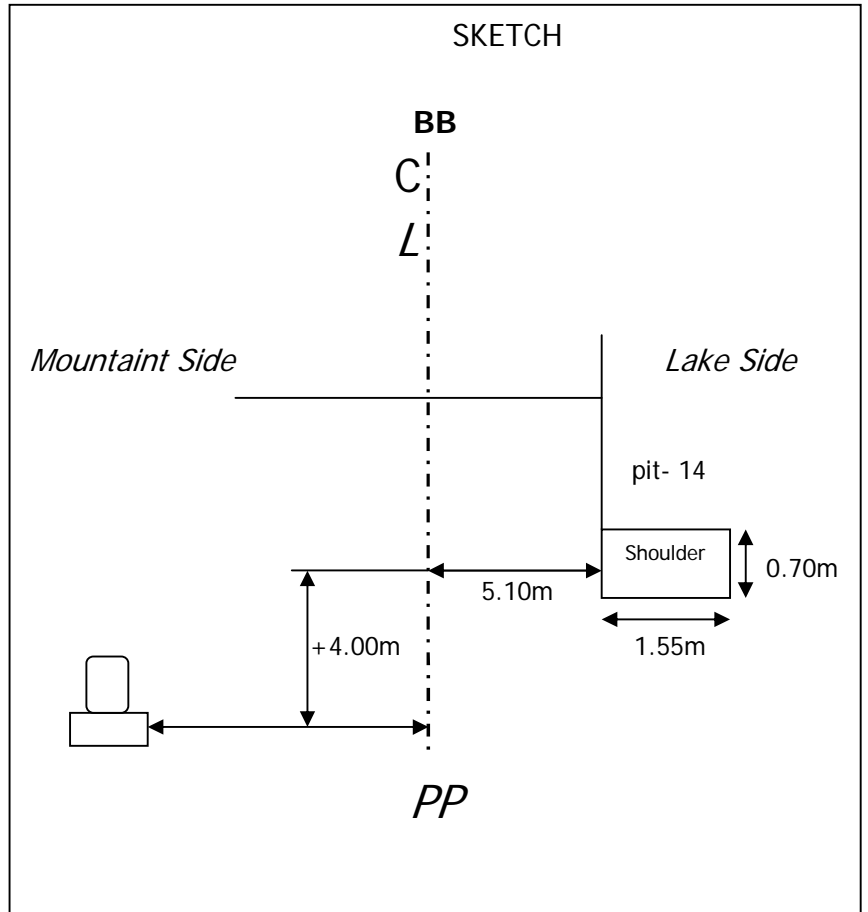
Base Course:.....No.....mm

Sub-Base Course:.....330.....mm





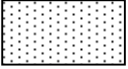
Sub-Grade:.....300.....mm

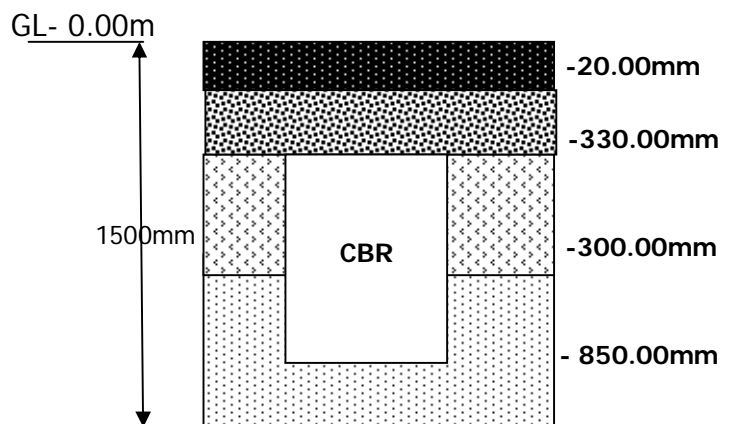
Embankment:.....850.....mm

N: 1390488, E: 0372801



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:24../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....15.....

Location : KP....199.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

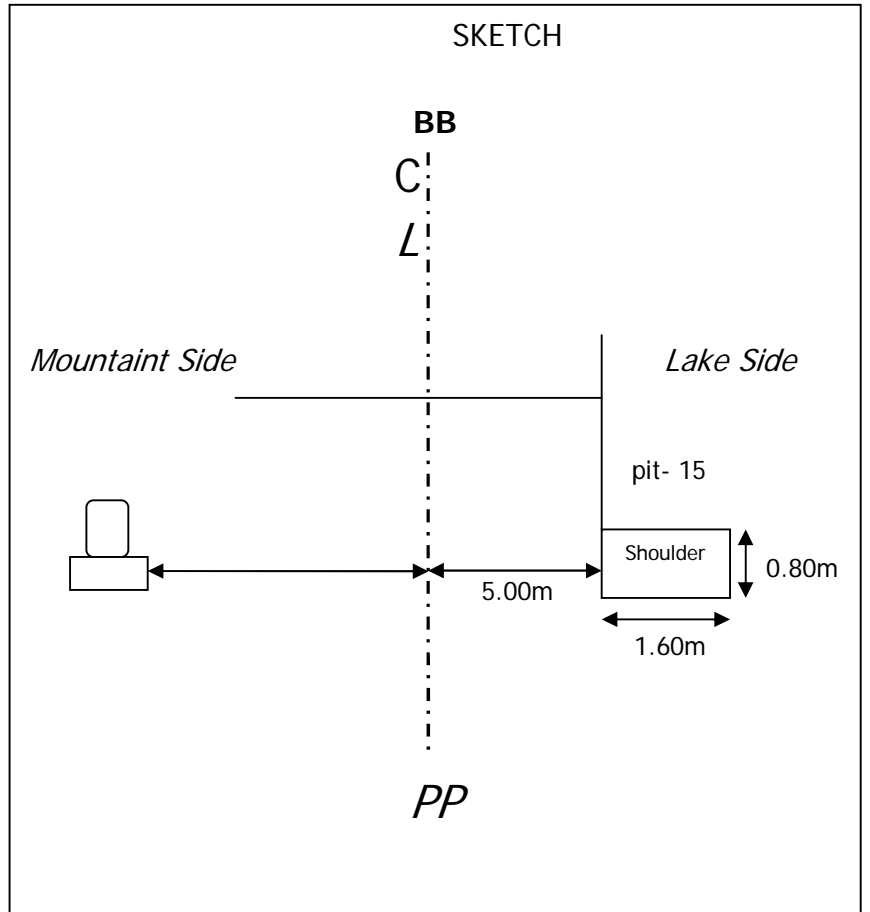
Base Course:.....No.....mm

Sub-Base Course:.....300.....mm





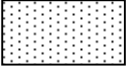
Sub-Grade:.....400.....mm

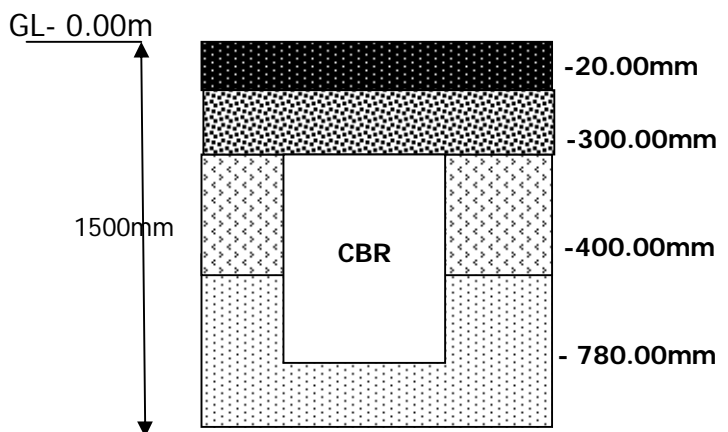
Embankment:.....780.....mm

N: 1391575, E: 0371082



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:24../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....16.....

Location : KP....201.....+...0.03M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

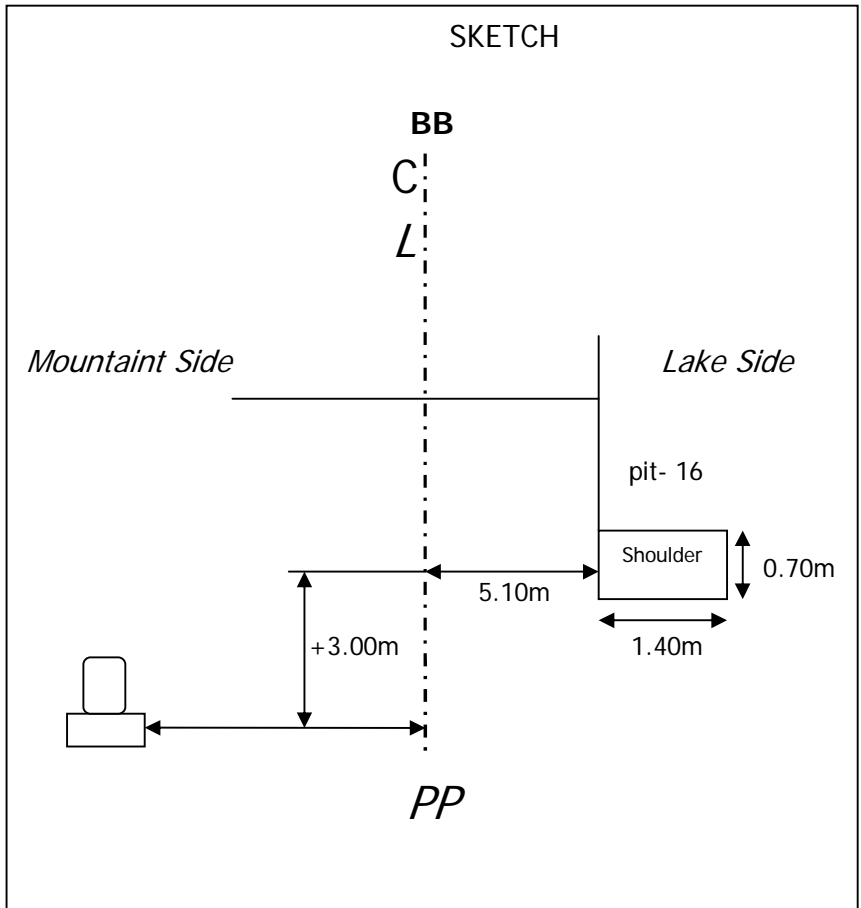
Base Course:.....No.....mm

Sub-Base Course:.....250.....mm





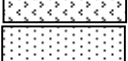
Sub-Grade:.....500.....mm

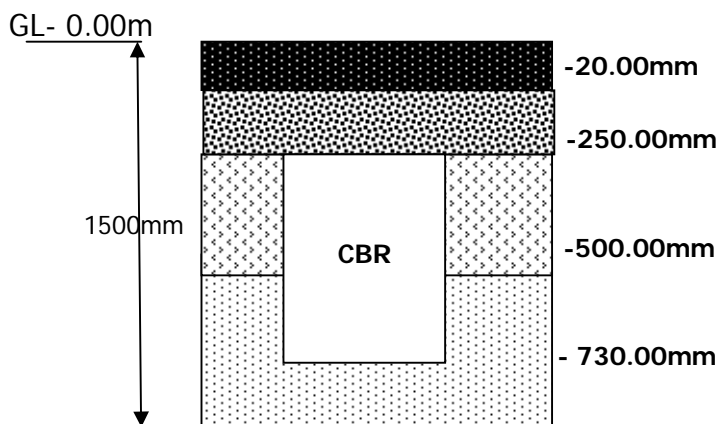
Embankment:.....730.....mm

N: 1392639, E: 0369395



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:24../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....17.....

Location : KP.....203.....+...0.07M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

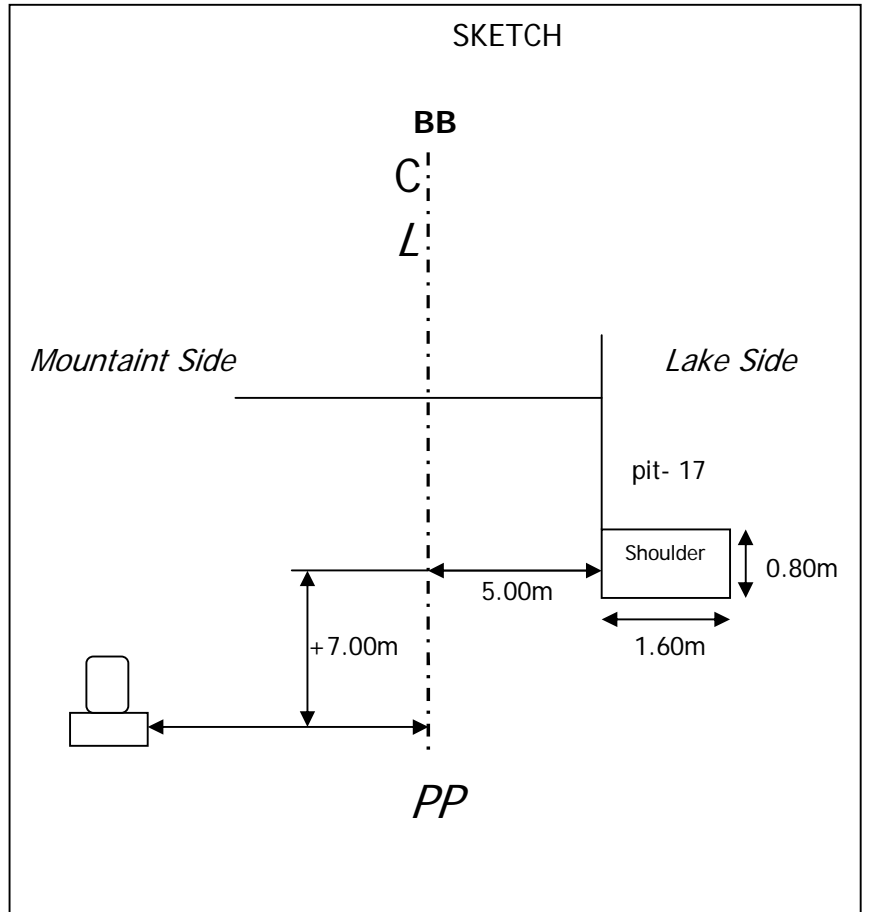
Base Course:.....No.....mm

Sub-Base Course:.....300.....mm

Sub-Grade:.....400.....mm

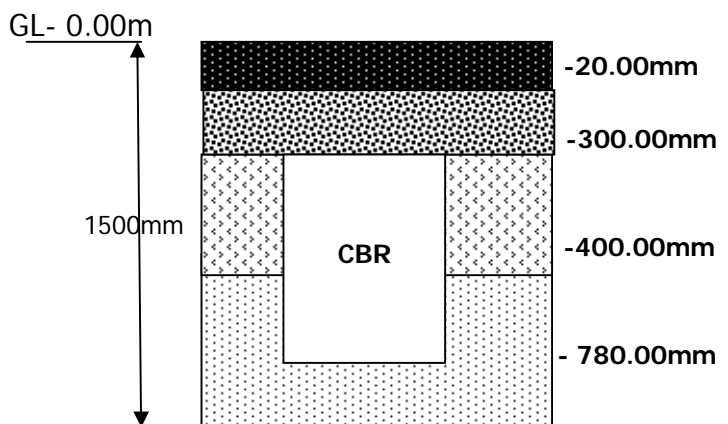
Embankment:.....780.....mm

N: 1393711, E: 0367682



Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

Date:24../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....18.....

Location : KP....205.....+...0.02M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

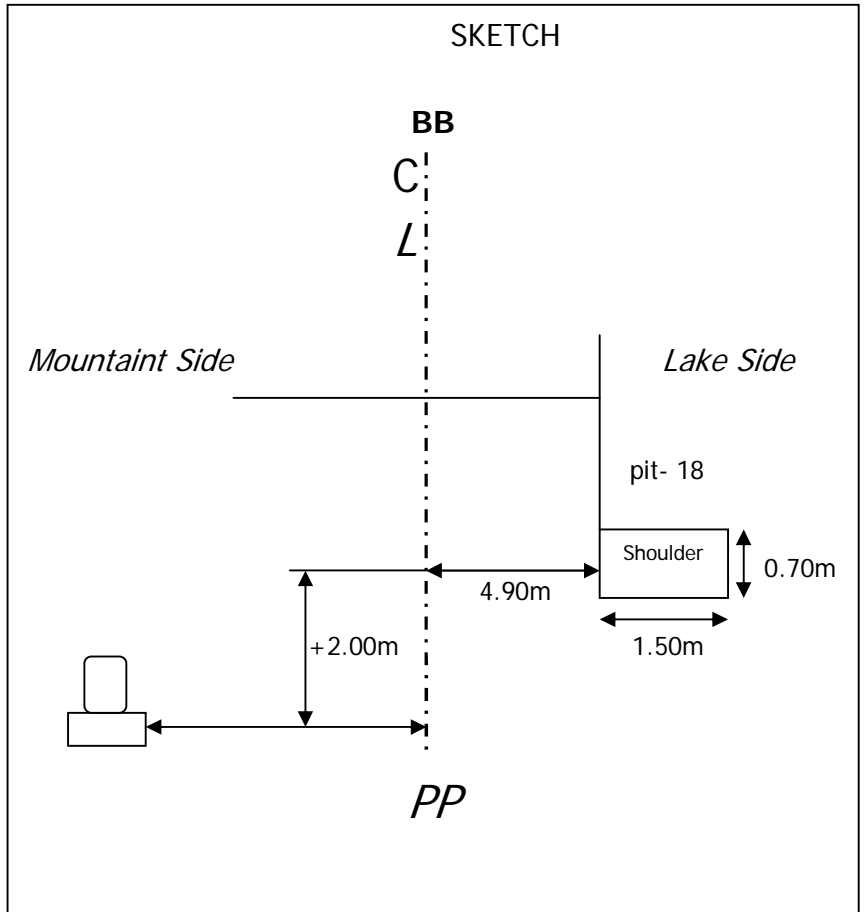
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





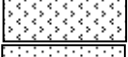
Sub-Grade:.....400.....mm

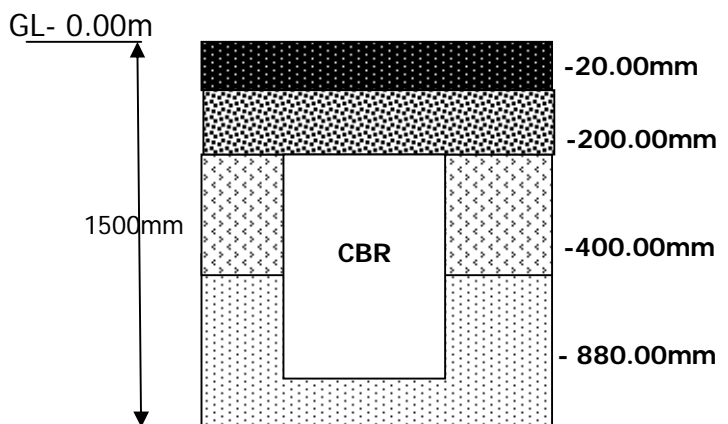
Embankment:....880.....mm

N: 1393711, E: 0367682



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:24../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....19.....

Location : KP...207.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

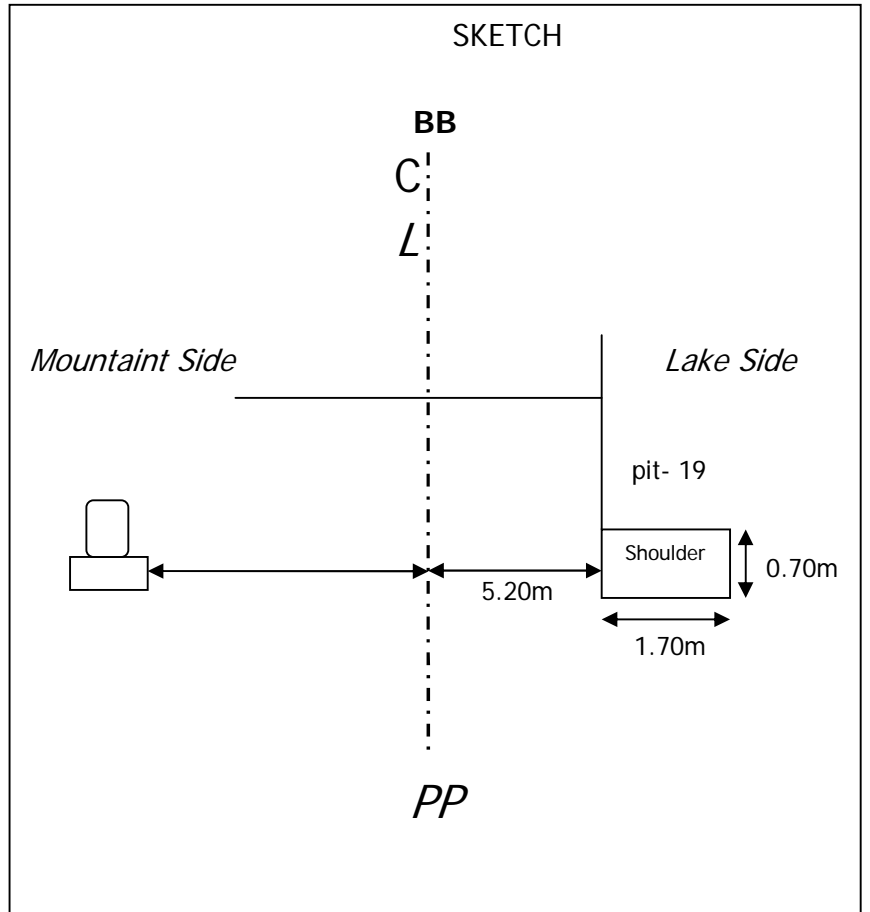
Base Course:.....No.....mm

Sub-Base Course:.....250.....mm





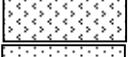
Sub-Grade:.....500.....mm

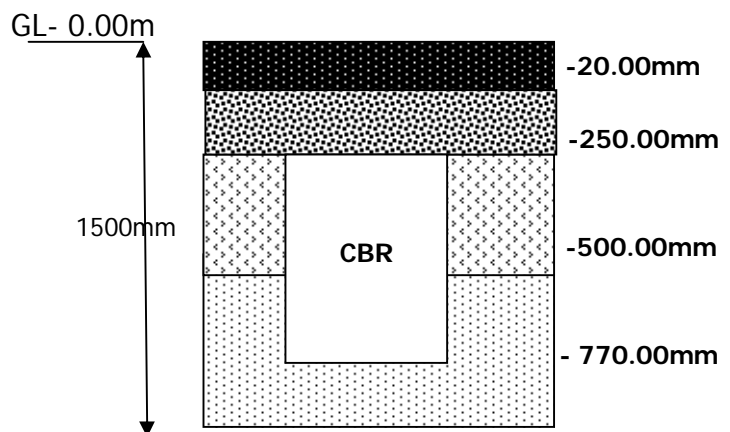
Embankment:.....770.....mm

N: 1395829, E: 0364314



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:25../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....20.....

Location : KP...209.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

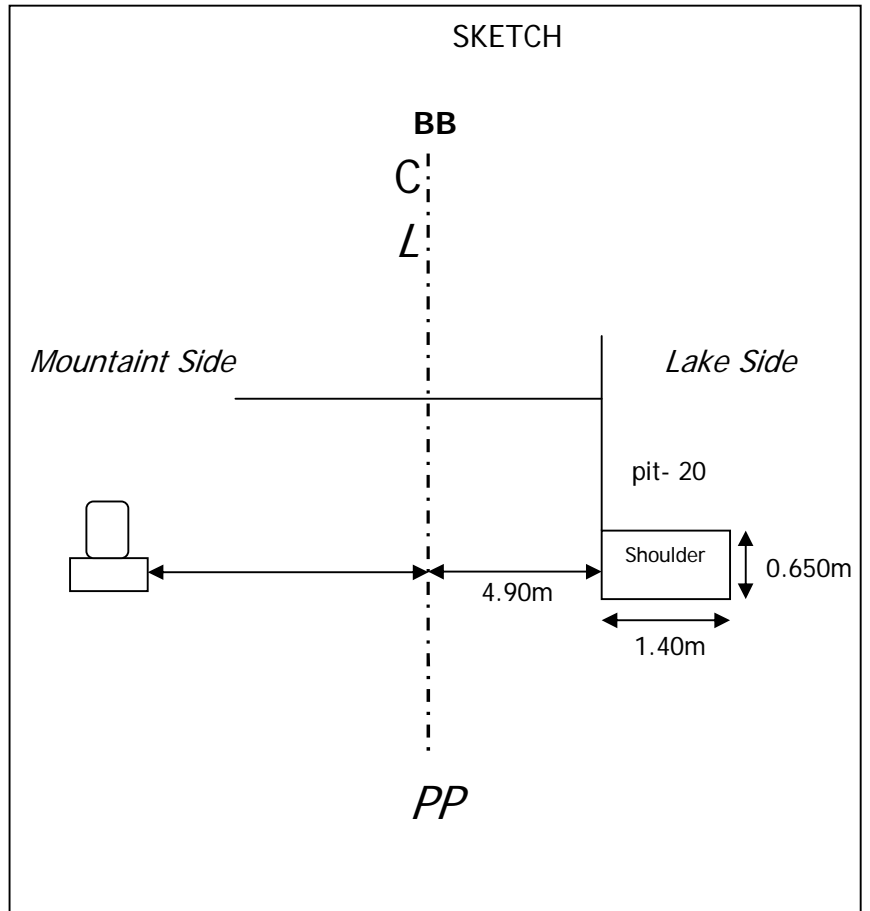
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm






Sub-Grade:.....400.....mm

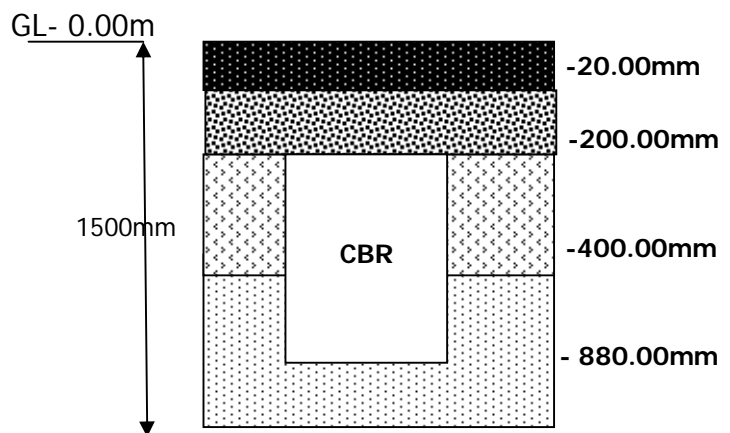
Embankment:.....880.....mm

N: 1396702, E: 0362520



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:25../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....21.....

Location : KP...211.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

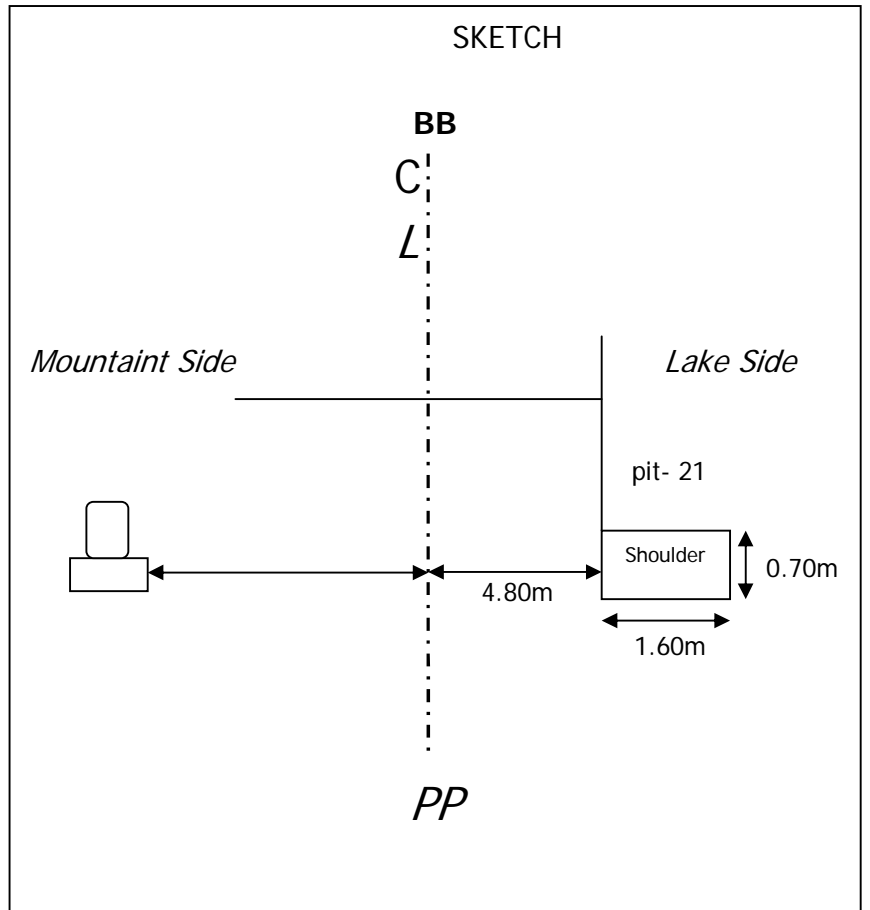
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm






Sub-Grade:.....500.....mm

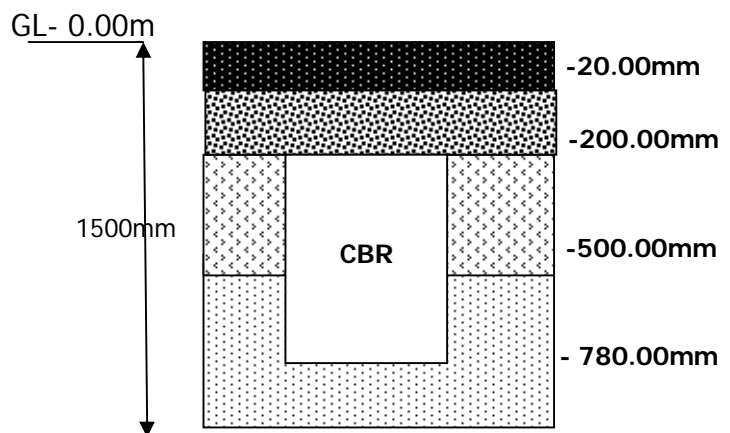
Embankment:.....780.....mm

N: 1397512, E: 0360670



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:24../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....22.....

Location : KP....213.....+...016M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....15.....mm

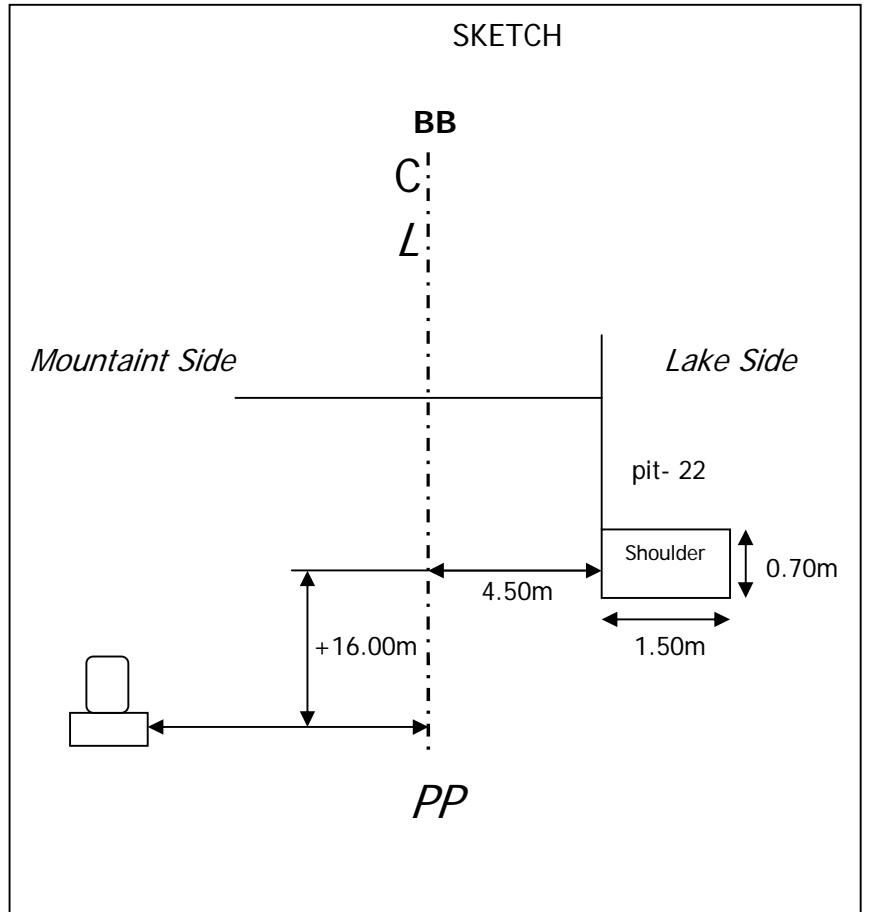
Base Course:.....No.....mm

Sub-Base Course:.....300.....mm





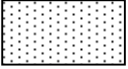
Sub-Grade:.....500.....mm

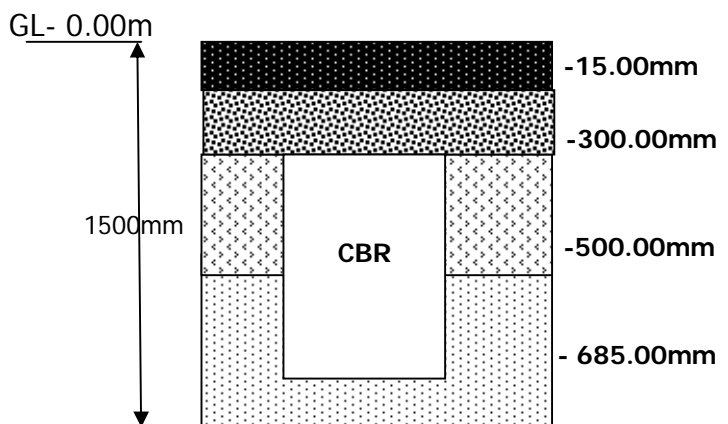
Embankment:....685.....mm

N: 1398312, E: 0358851



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:25../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....23.....

Location : KP...215.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

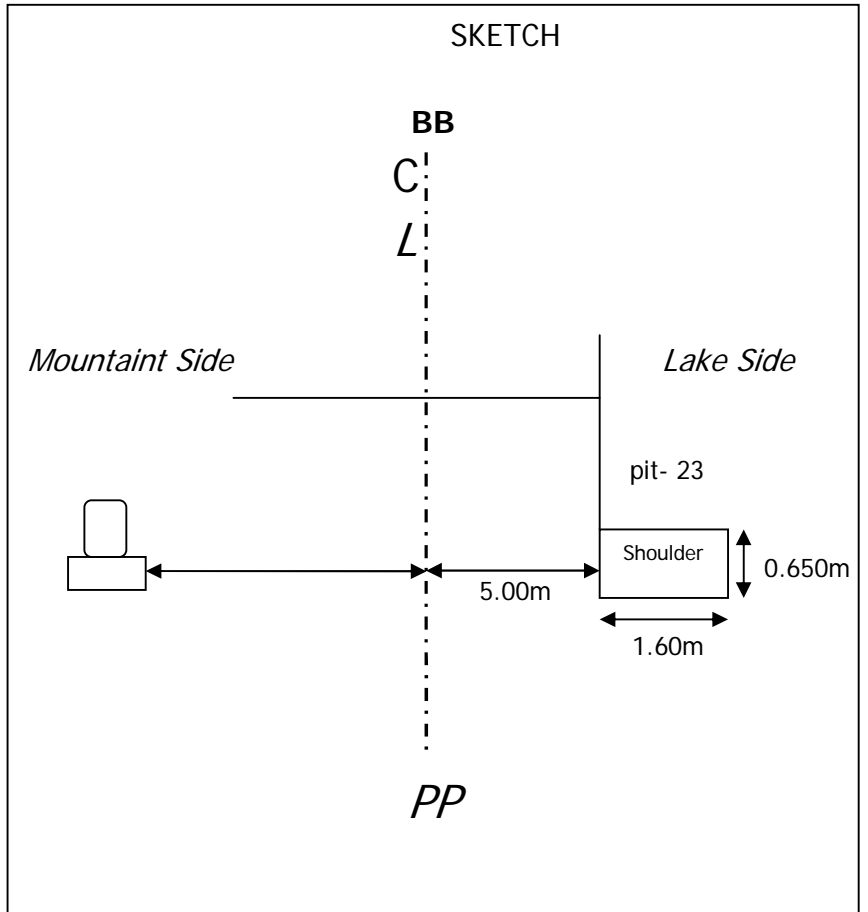
Base Course:.....No.....mm

Sub-Base Course:.....180.....mm






Sub-Grade:.....400.....mm

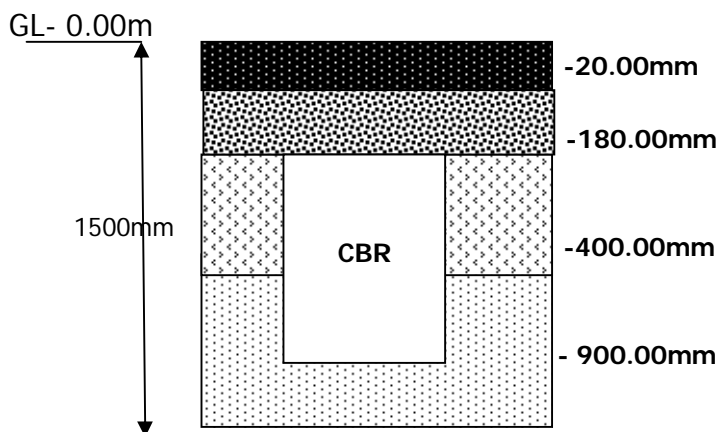
Embankment:.....900.....mm

N: 1399153, E: 0357069



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:25../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....24.....

Location : KP...217.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

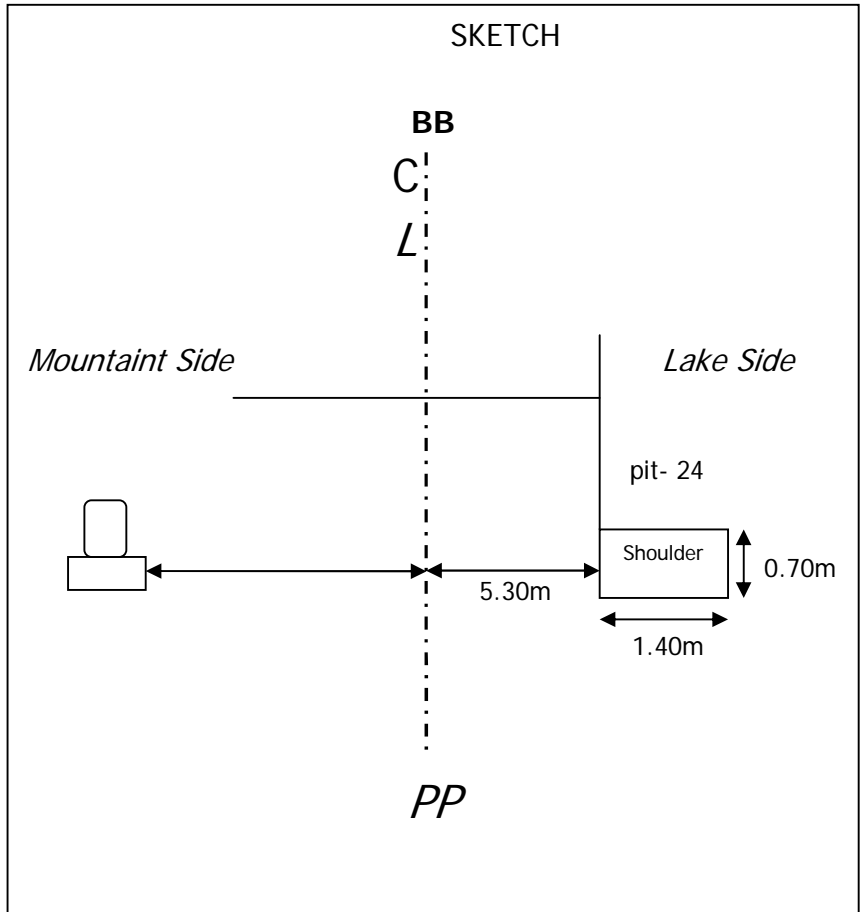
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





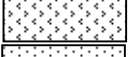
Sub-Grade:.....500.....mm

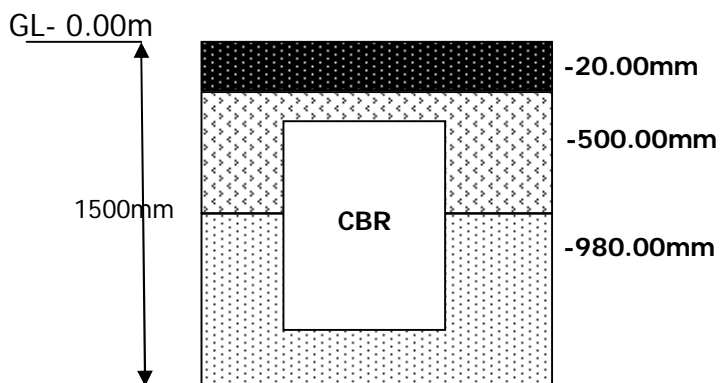
Embankment:.....980.....mm

N: 1400033, E: 0355270



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:26../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....25.....

Location : KP...219.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

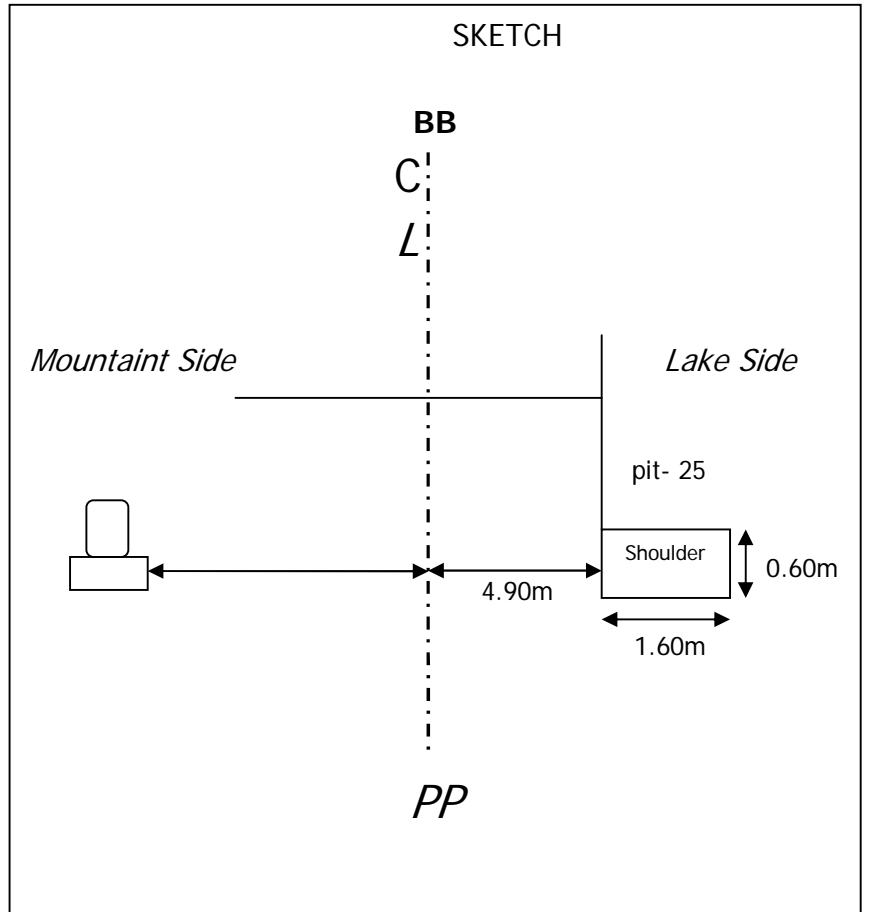
Base Course:.....No.....mm

Sub-Base Course:.....300.....mm





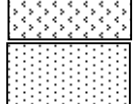
Sub-Grade:.....400.....mm

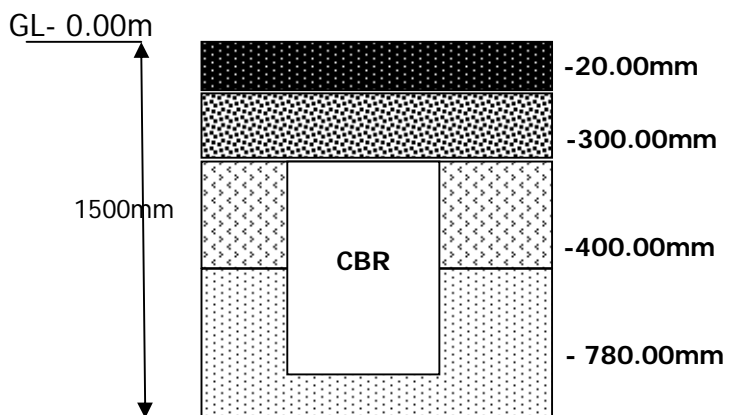
Embankment:.....780.....mm

N: 1400724, E: 0353412



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment

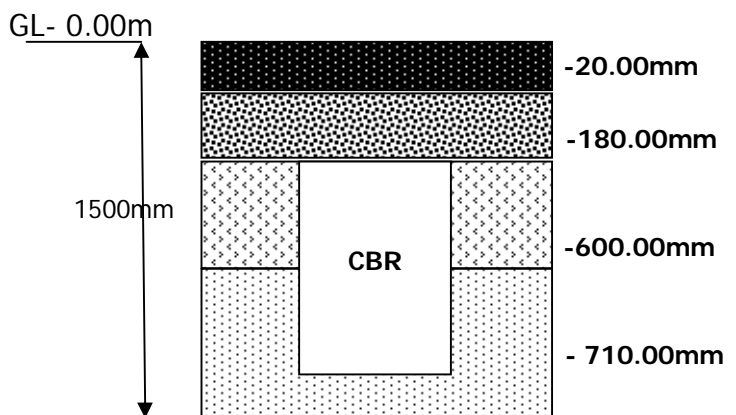


Field Test Record

<p>Date:26../.....05...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....26.....</p> <p>Location : KP...221.....+...0.00...</p> <p>PVC Water Pipe: ..No.....mm</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....10.....mm</p> <p>Base Course:.....No.....mm</p> <p>Sub-Base Course:.....180.....mm</p> <p>Sub-Grade:.....600.....mm</p> <p>Embankment:.....710.....mm</p> <p>N: 1401685, E: 0351696</p>	<p style="text-align: center;">SKETCH</p>
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Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

Date:26../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....27.....

Location : KP...223.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....25.....mm

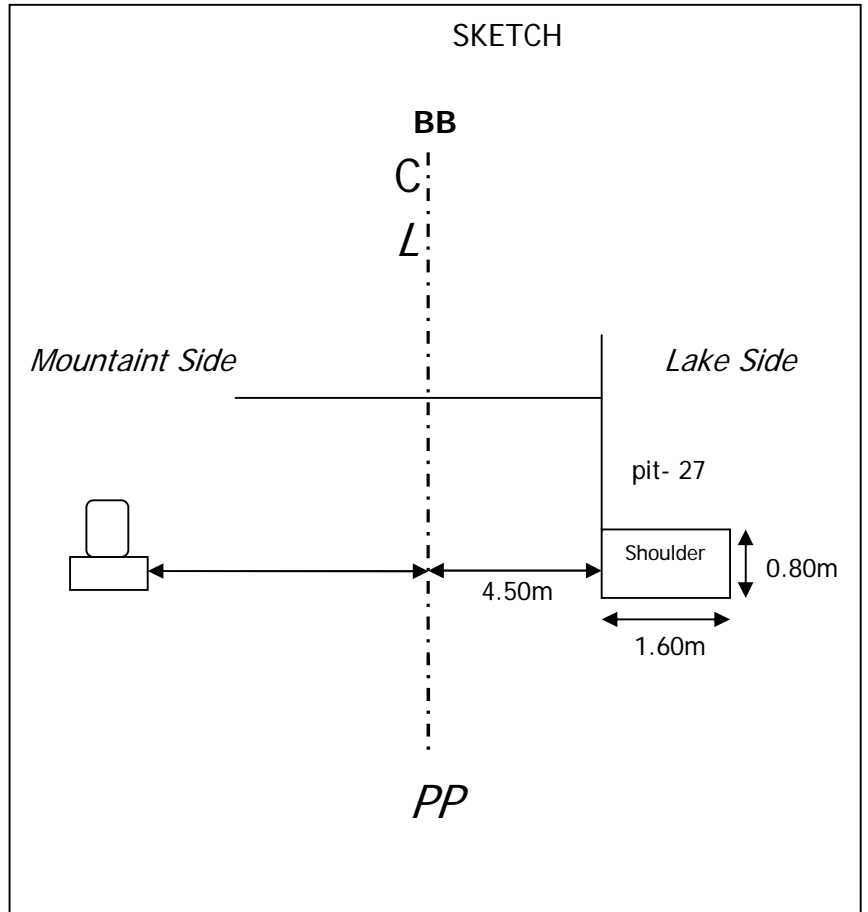
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





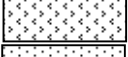
Sub-Grade:.....400.....mm

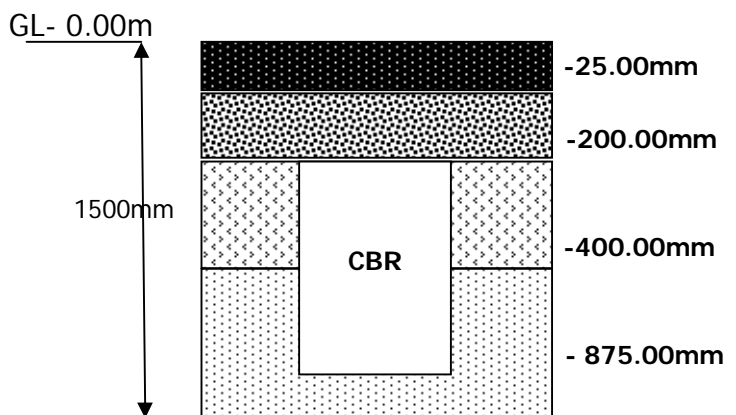
Embankment:.....875.....mm

N: 1403031, E: 0350240



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:26../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....28.....

Location : KP....225.....-...0.08M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

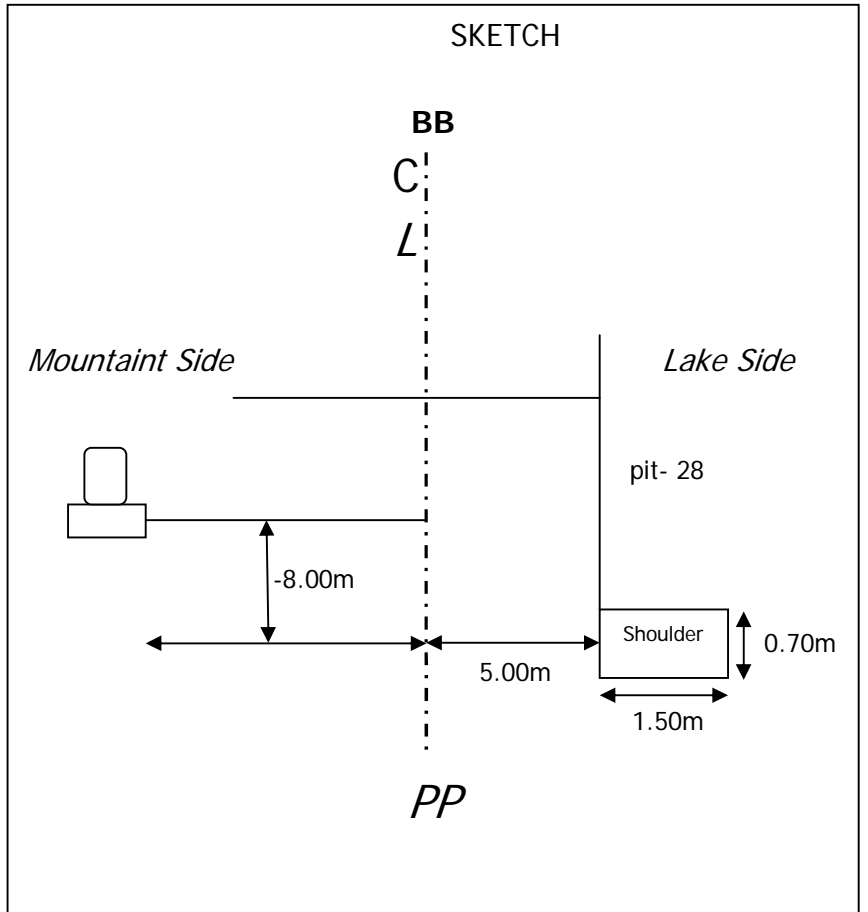
Base Course:.....250.....mm

Sub-Base Course:.....NO.....mm





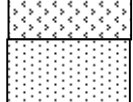
Sub-Grade:.....700.....mm

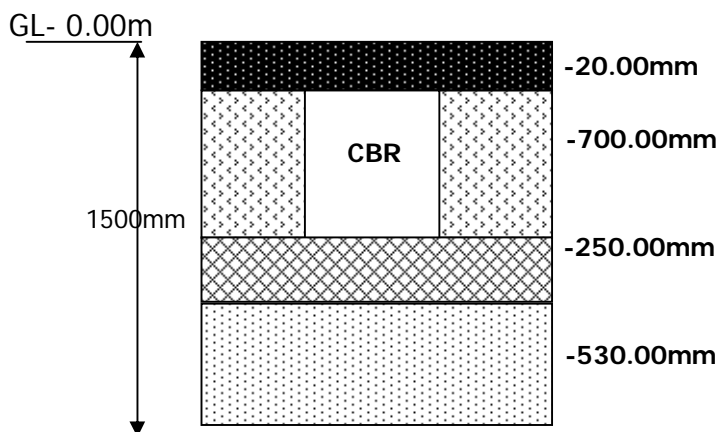
Embankment:.....530.....mm

N: 1404144, E: 0348634



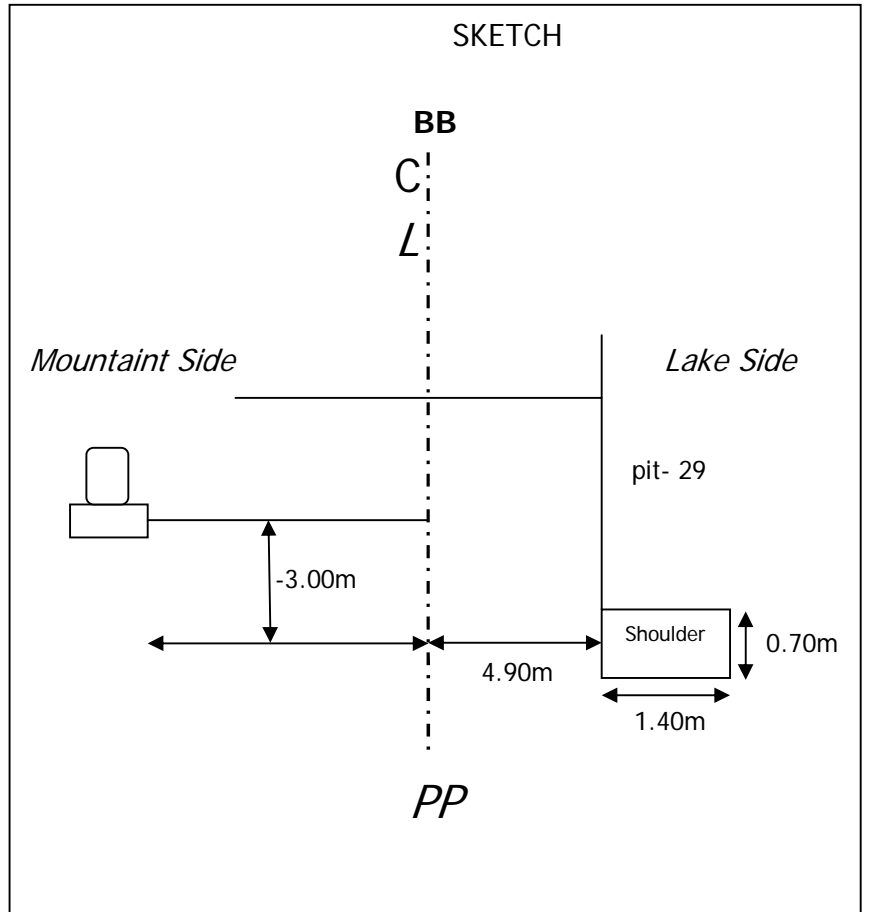
Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment





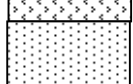


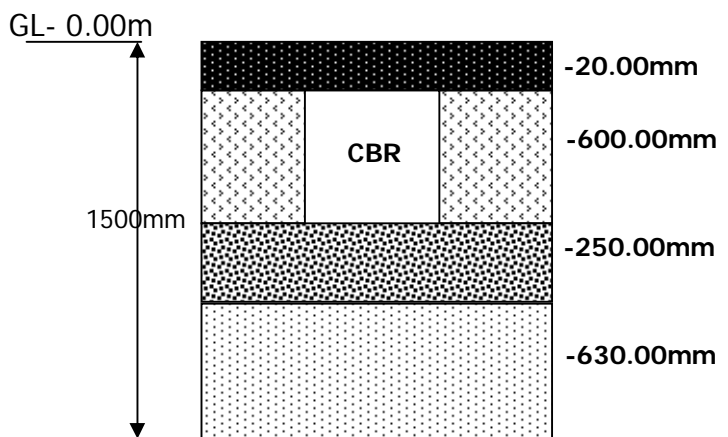
Field Test Record

Date:26../.....05...../..2013..
 Work Item: Digging Hole
 Trial Pit No.....29.....
 Location : KP.....227.....-...0.03M...
 PVC Water Pipe: ..No.....mm
 Optical Cable:.....No.....
 Bituminous:.....20.....mm
 Base Course:.....No.....mm
 Sub-Base Course:.....250.....mm
 Sub-Grade:.....600.....mm
 Embankment:.....630.....mm
 N: 14054601, E: 0346692



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....30.....

Location : KP...229.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

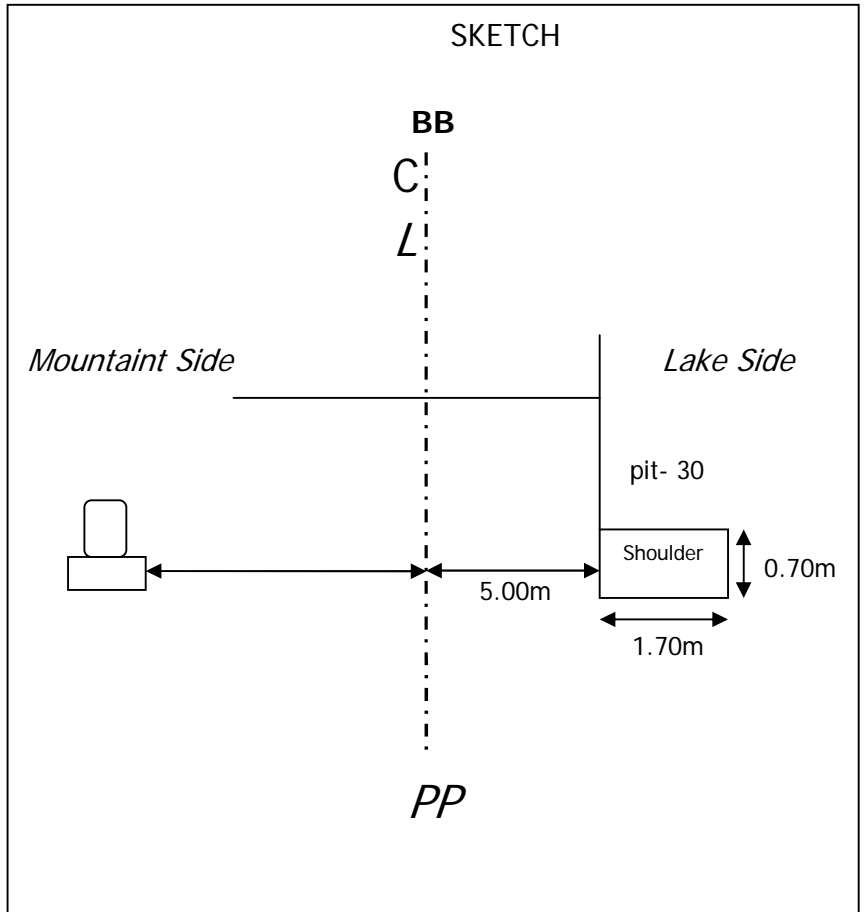
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





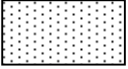
Sub-Grade:.....700.....mm

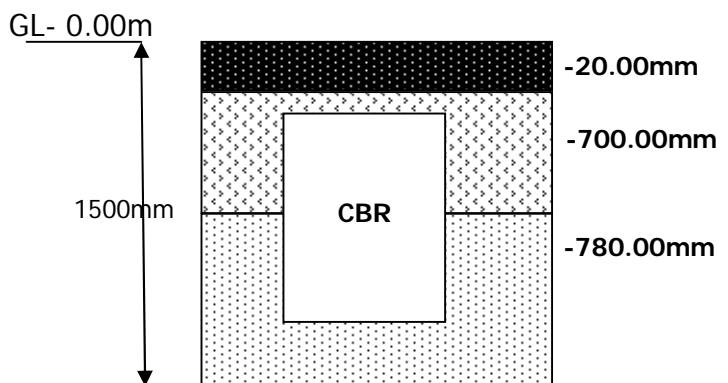
Embankment:.....780.....mm

N: 1405073, E: 0344746



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....31.....

Location : KP....231.....+...0.04M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

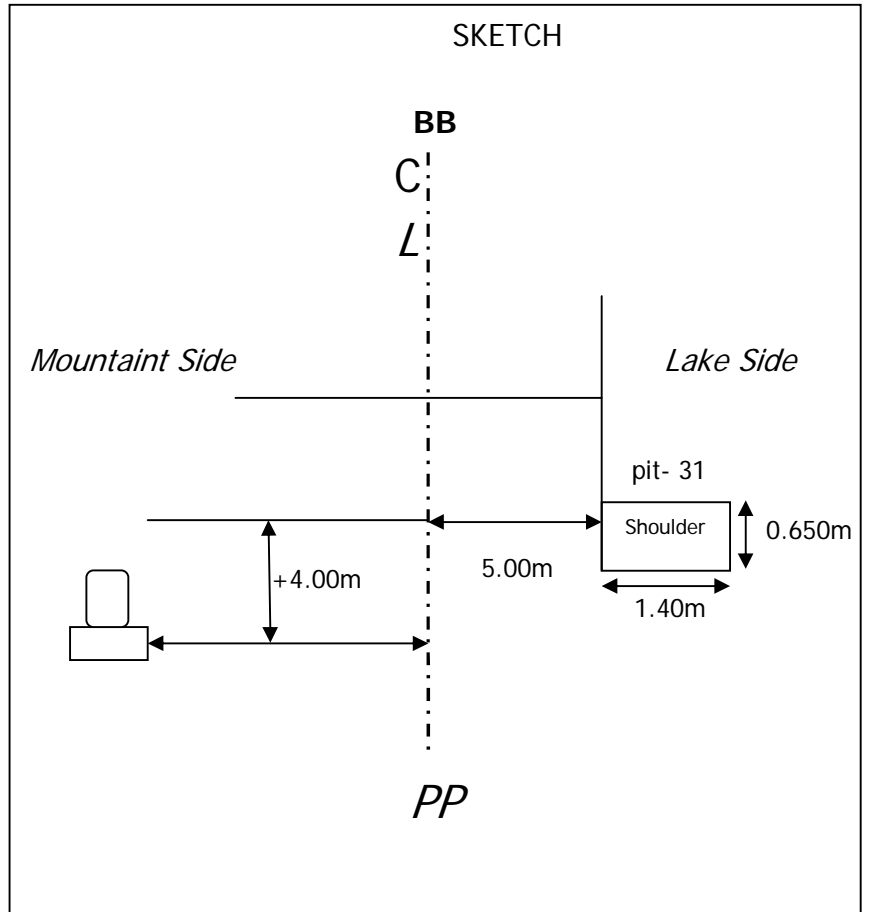
Base Course:.....No.....mm

Sub-Base Course:.....150.....mm





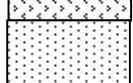
Sub-Grade:.....500.....mm

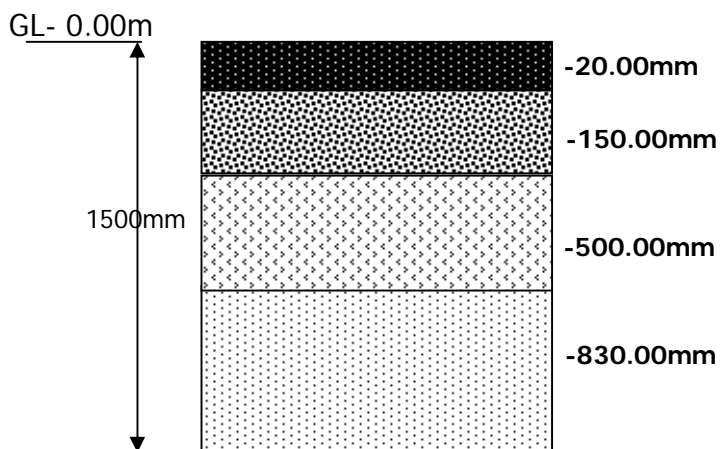
Embankment:.....830.....mm

N: 1405533, E: 0342812



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....32.....

Location : KP...233.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

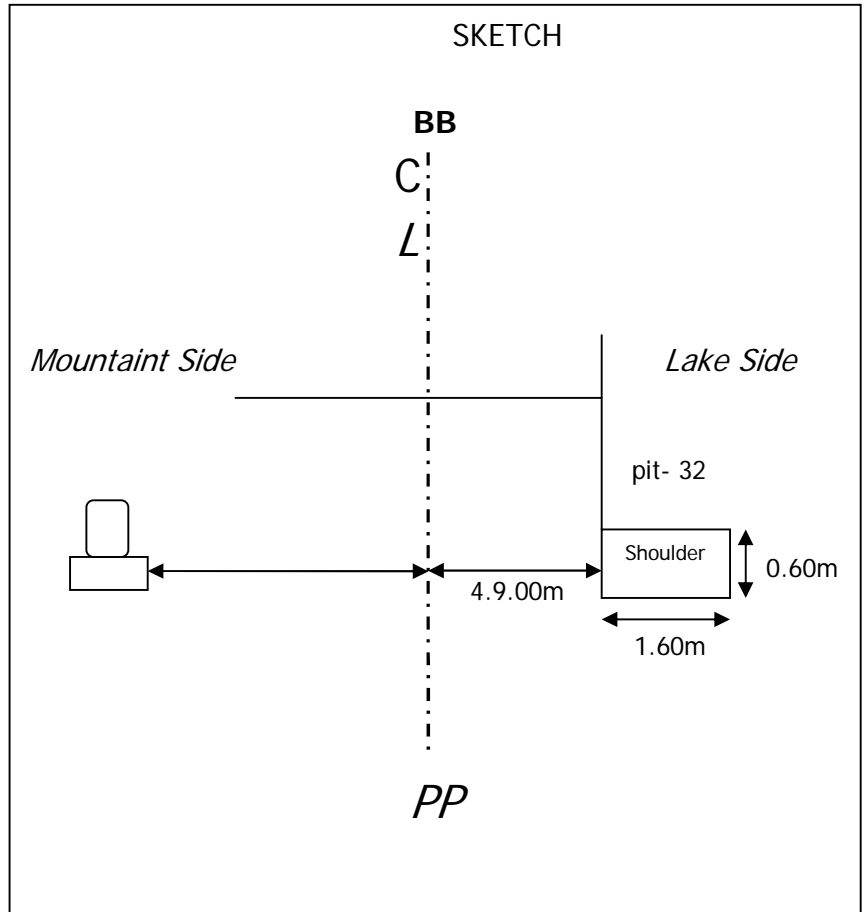
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





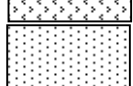
Sub-Grade:.....600.....mm

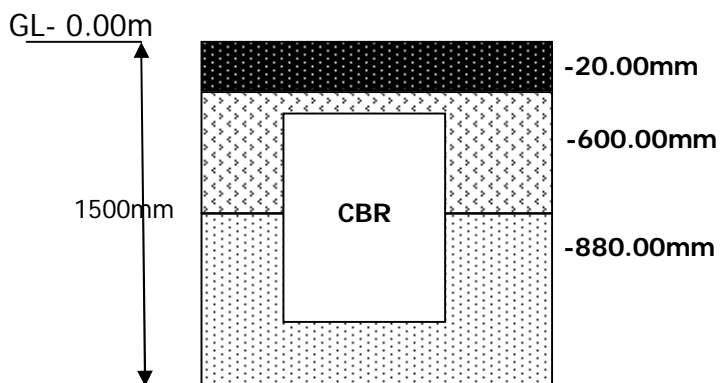
Embankment:.....880.....mm

N: 1405994, E: 0340877



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....33.....

Location : KP...235.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

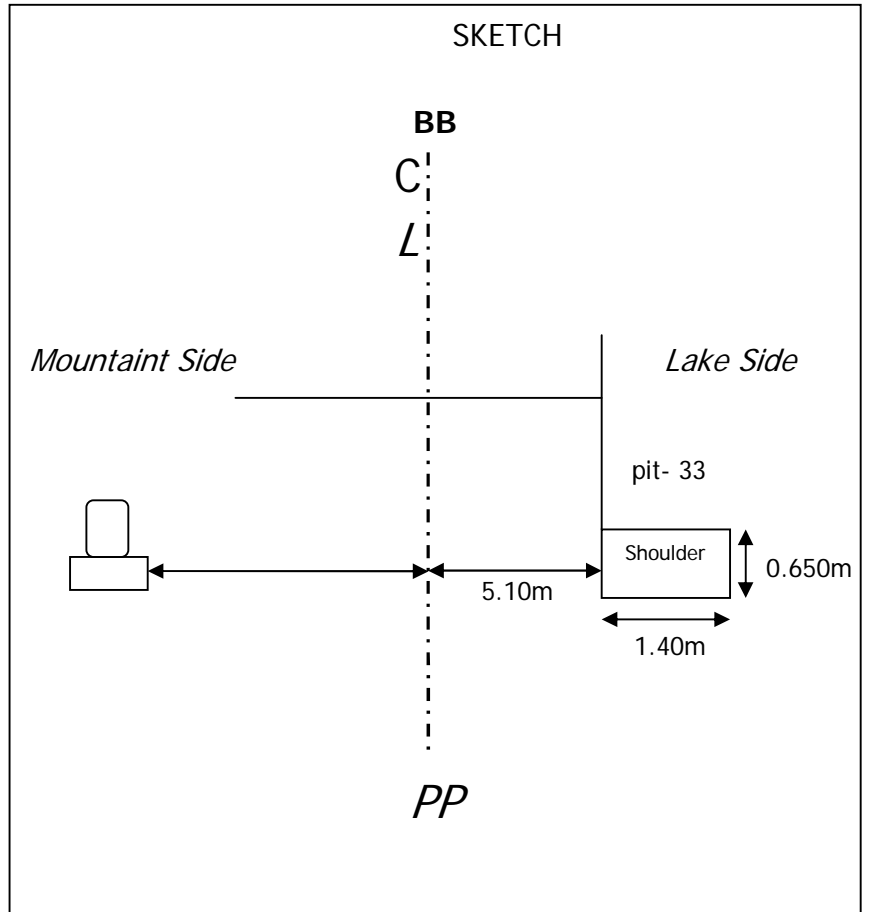
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





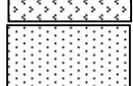
Sub-Grade:.....800.....mm

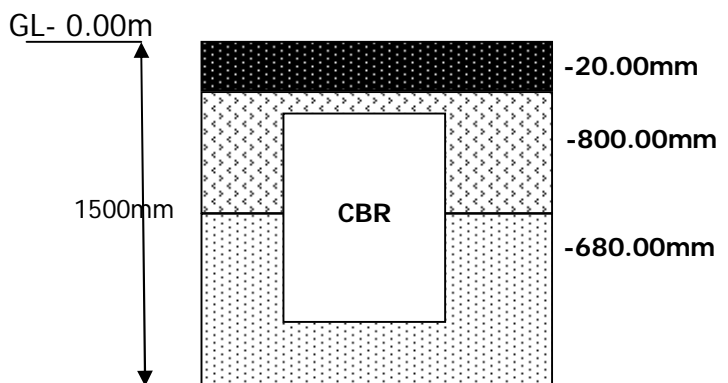
Embankment:.....680.....mm

N: 1406463, E: 0338927



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....34.....

Location : KP...237.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....25.....mm

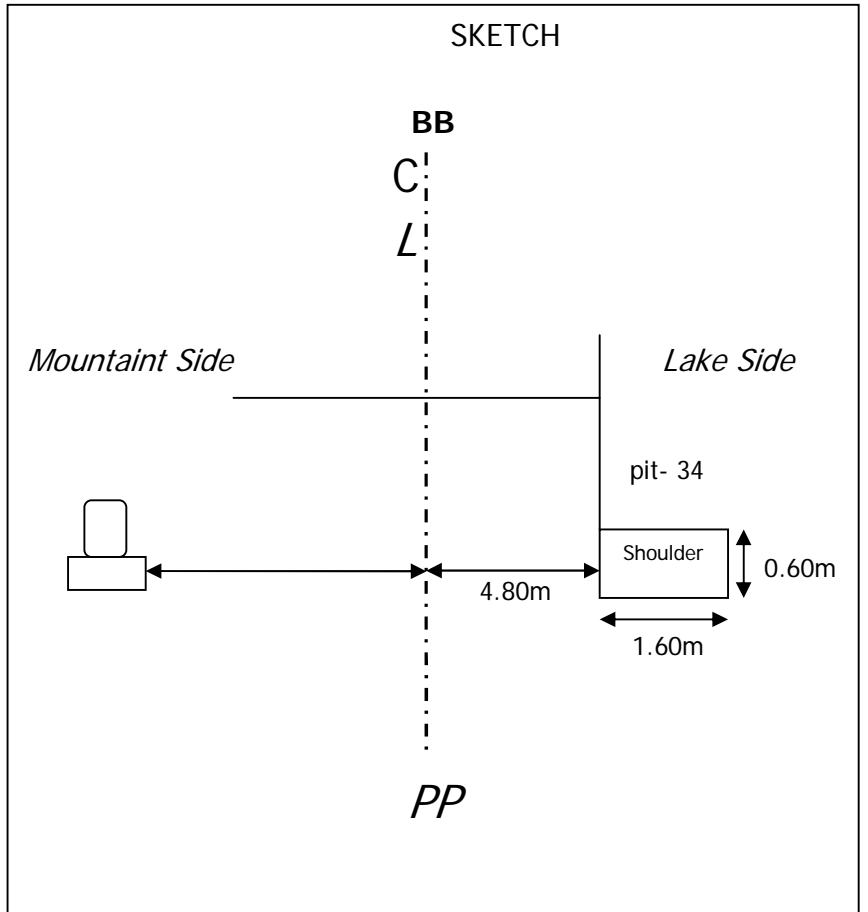
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm






Sub-Grade:.....600.....mm

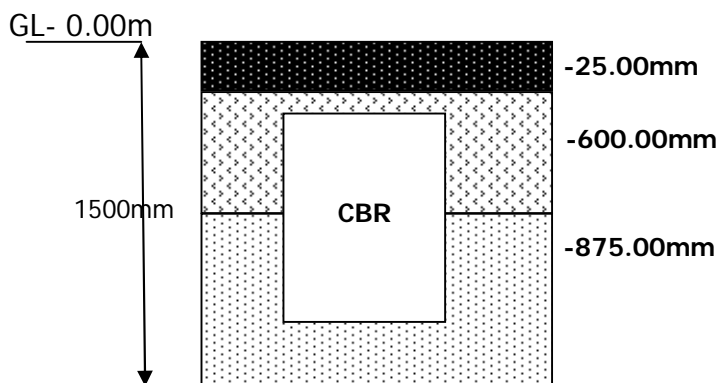
Embankment:.....875.....mm

N: 1406463, E: 0338927



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....35.....

Location : KP...239.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....25.....mm

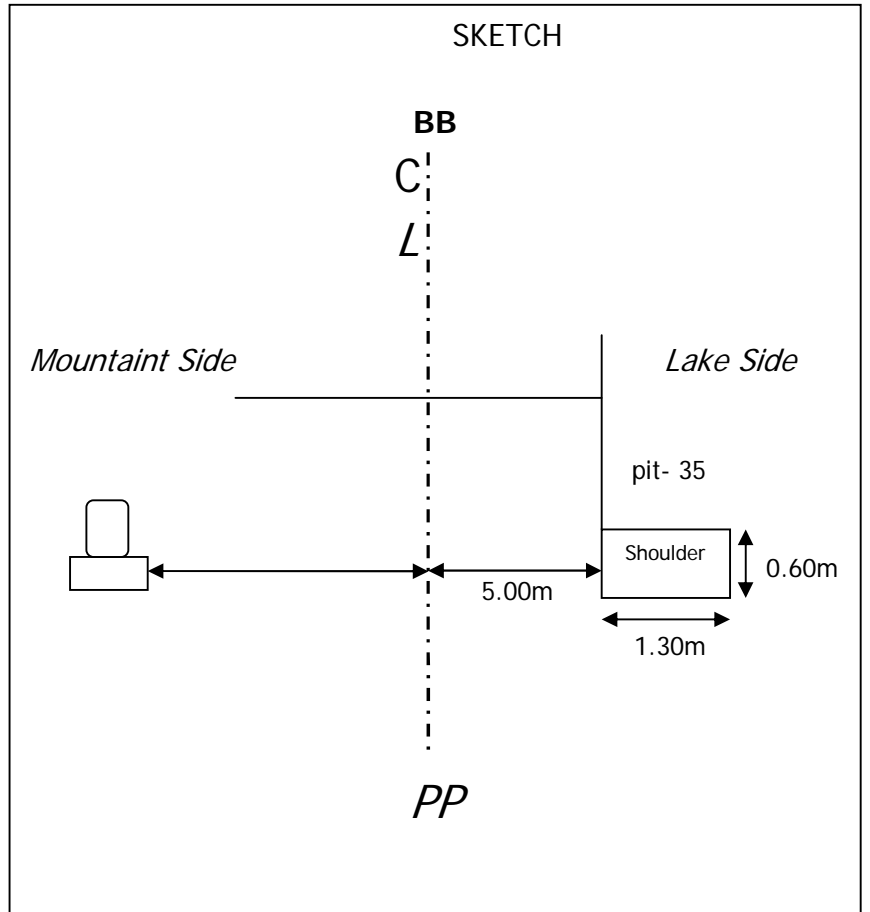
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





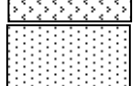
Sub-Grade:.....700.....mm

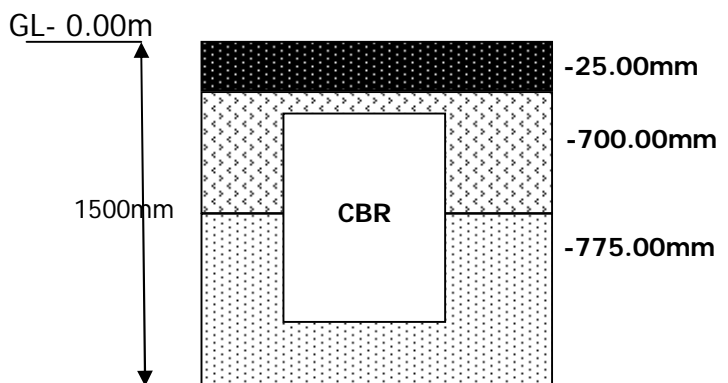
Embankment:.....775.....mm

N: 1407996, E: 0335337



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....36.....

Location : KP....241.....+ ...011M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

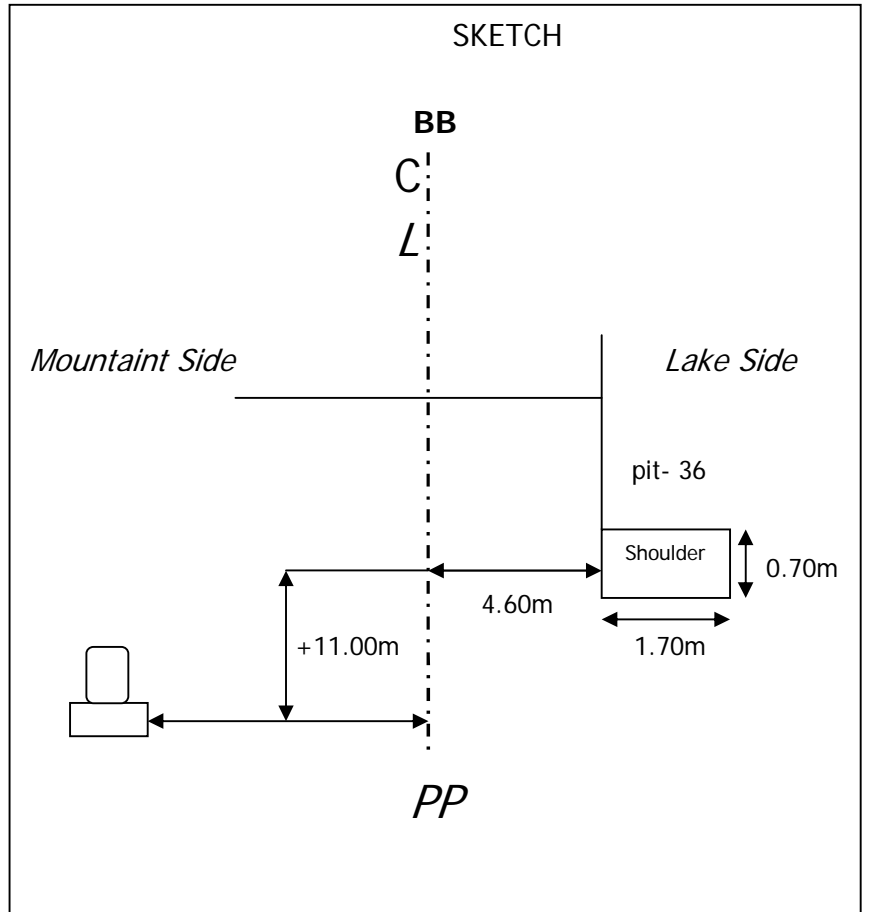
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm



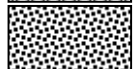

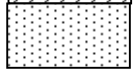
Sub-Grade:.....1200.....mm

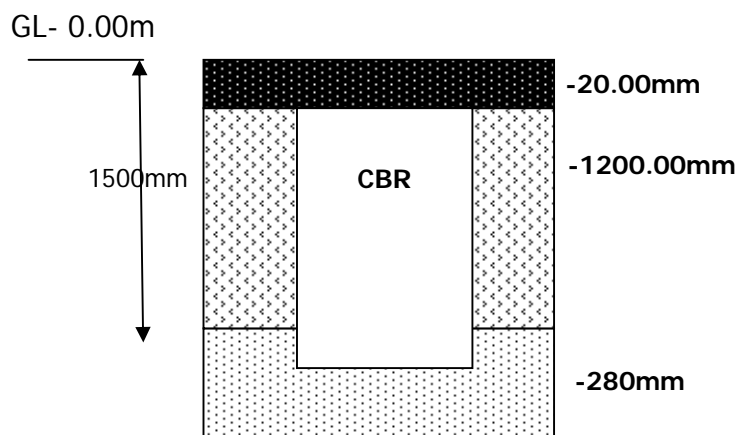
Embankment:.....280.....mm

N: 1409408., E:0333932



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:27../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....37.....

Location : KP...243.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

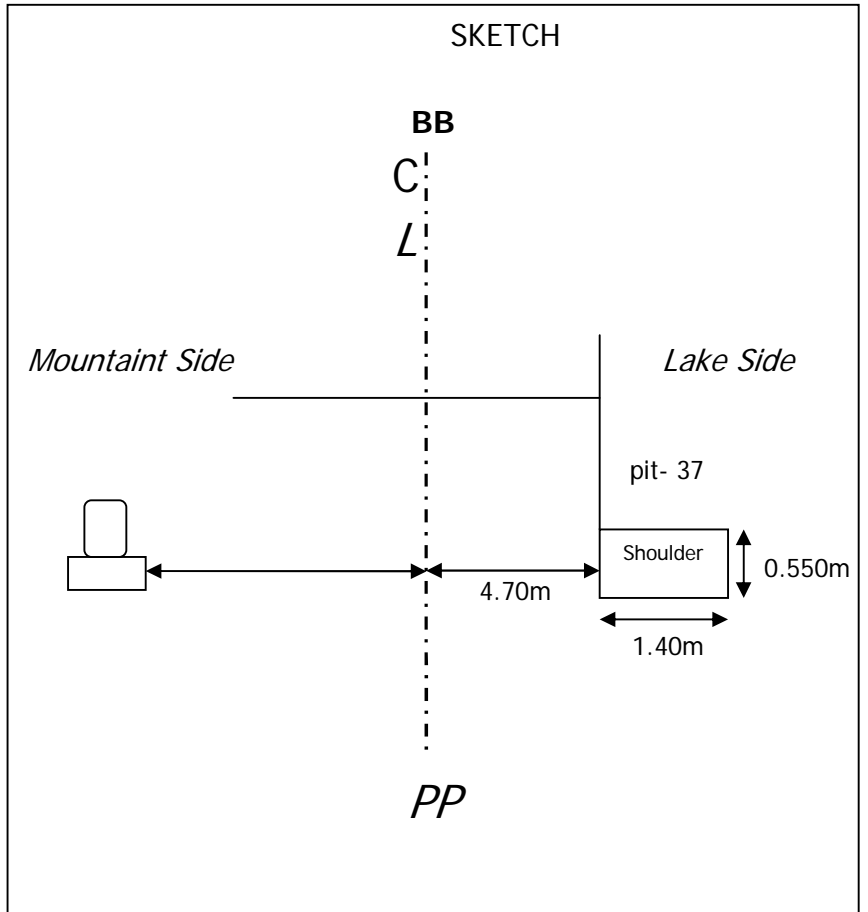
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





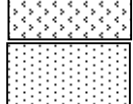
Sub-Grade:.....500.....mm

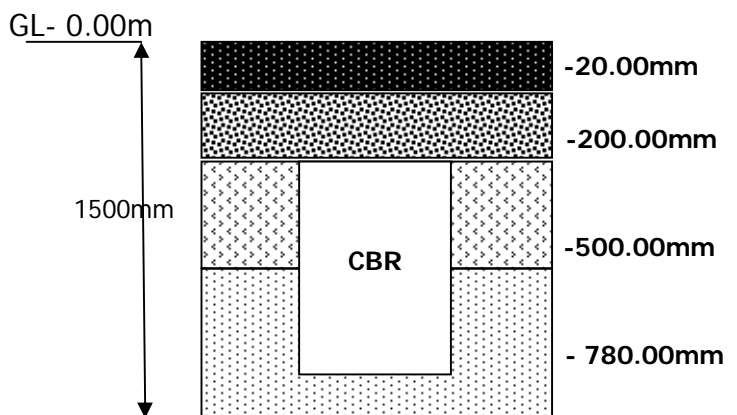
Embankment:.....780.....mm

N: 1410936, E: 0332682



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:28../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....38.....

Location : KP....245.....+...0.08M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

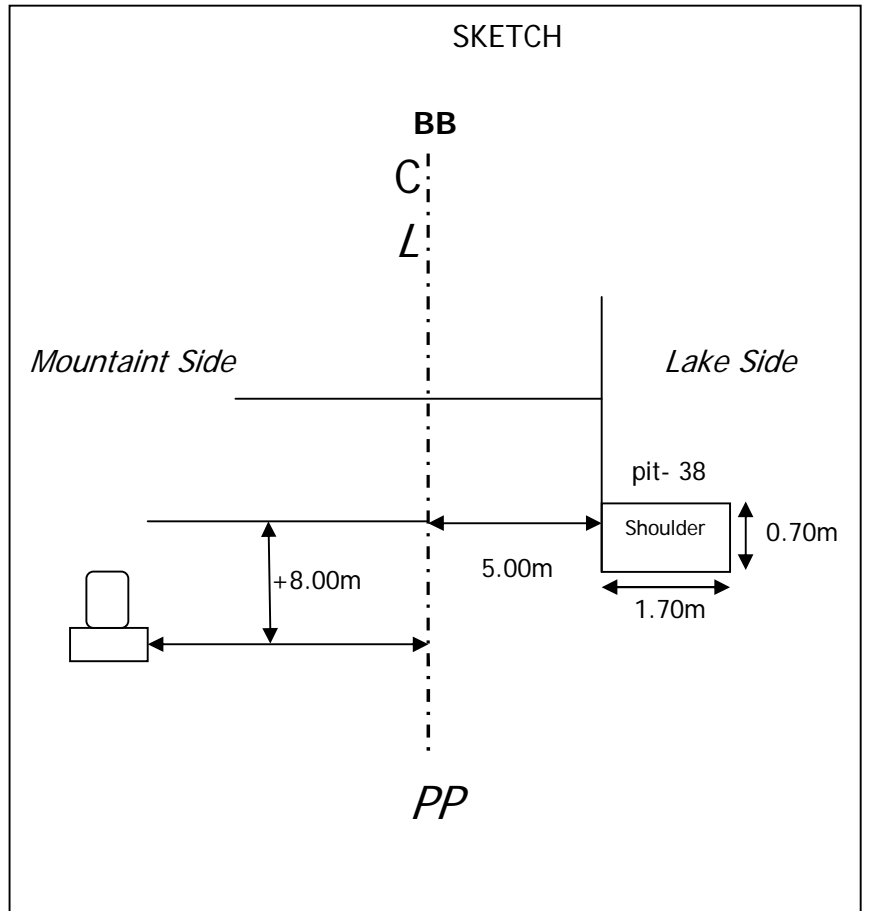
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm

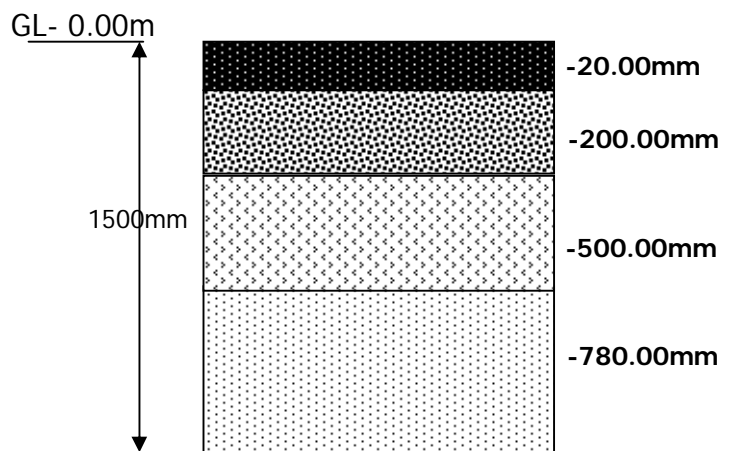
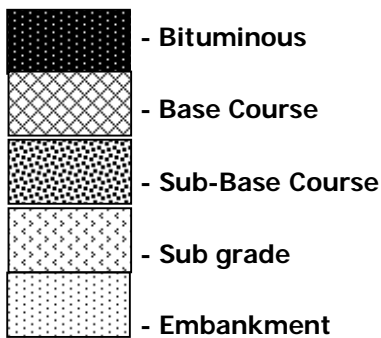
Sub-Grade:.....500.....mm

Embankment:.....780.....mm

N: 1412725, E: 0331810



Note:



Field Test Record

Date:28../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....39.....

Location : KP.....247.....-...0.07M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

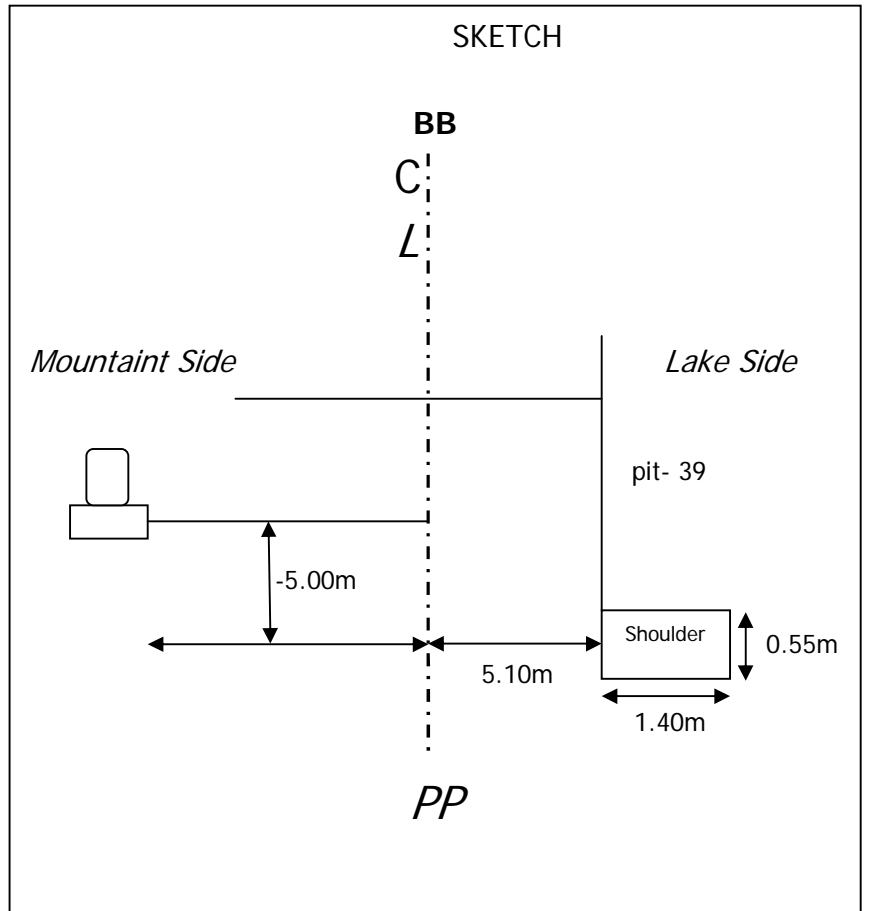
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm





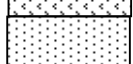
Sub-Grade:.....850.....mm

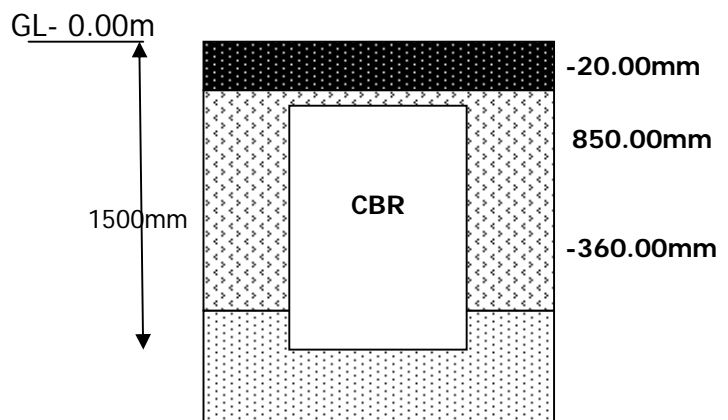
Embankment:.....630.....mm

N: 1414332, E: 0330651



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:28../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....40.....

Location : KP...249.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

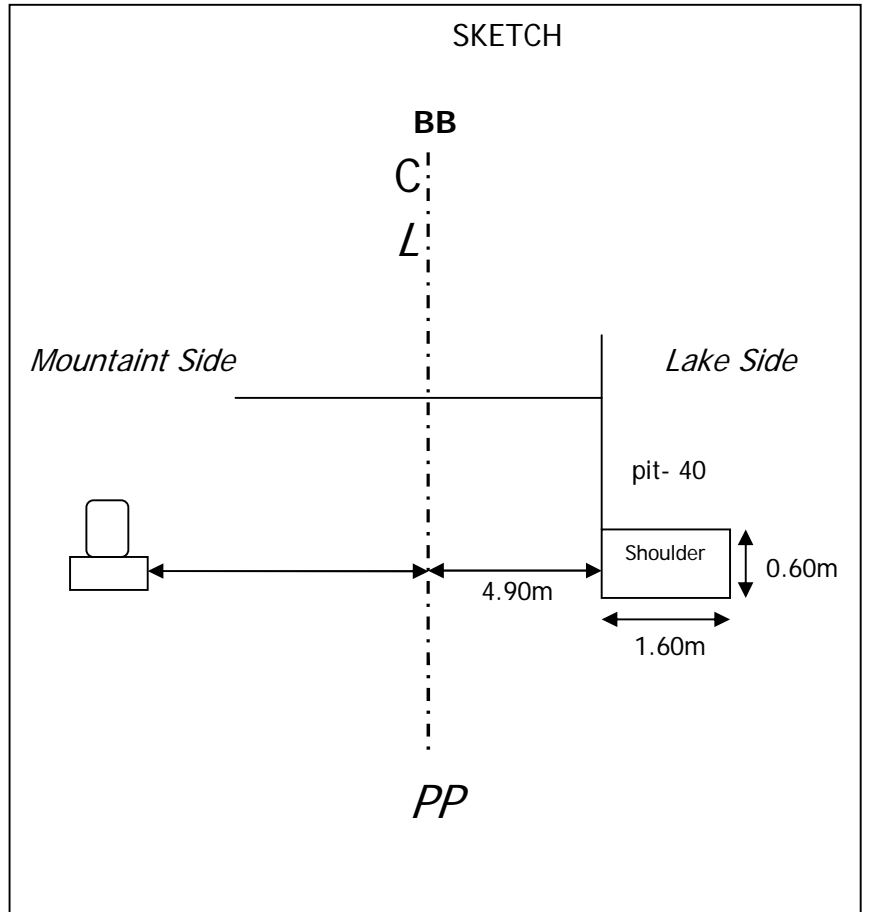
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





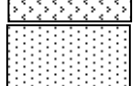
Sub-Grade:.....800.....mm

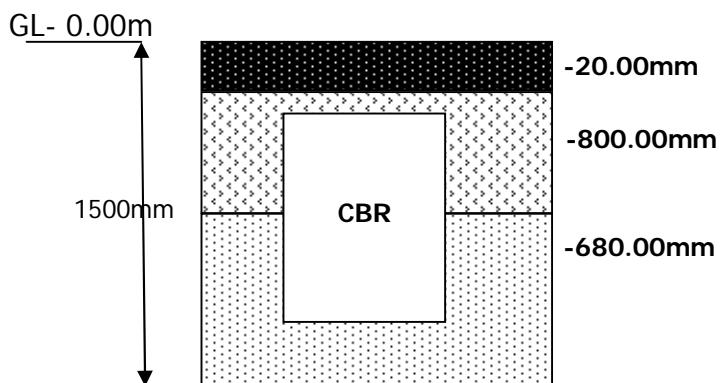
Embankment:.....680.....mm

N: 1415939, E: 0329471



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:28../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....41.....

Location : KP...249.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

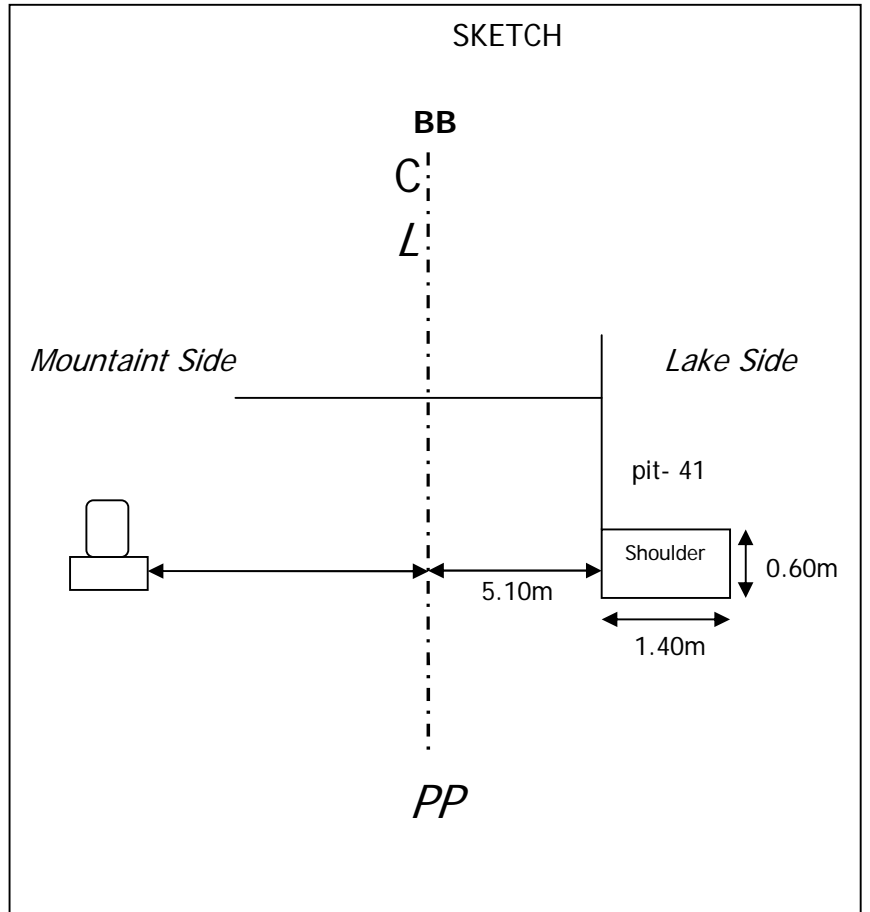
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





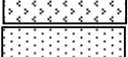
Sub-Grade:.....700.....mm

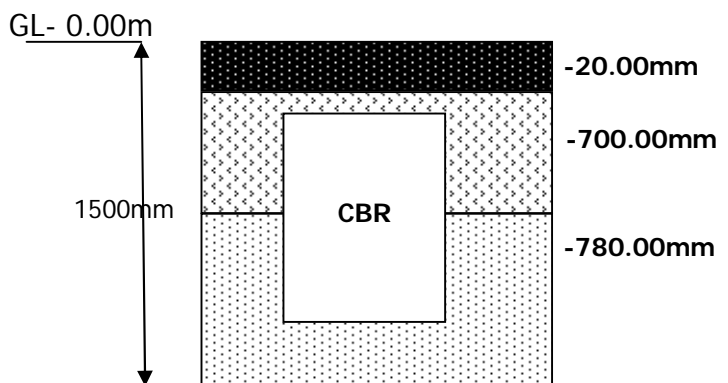
Embankment:.....780.....mm

N: 1417538, E: 0328300



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:28../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....42.....

Location : KP...253.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....25.....mm

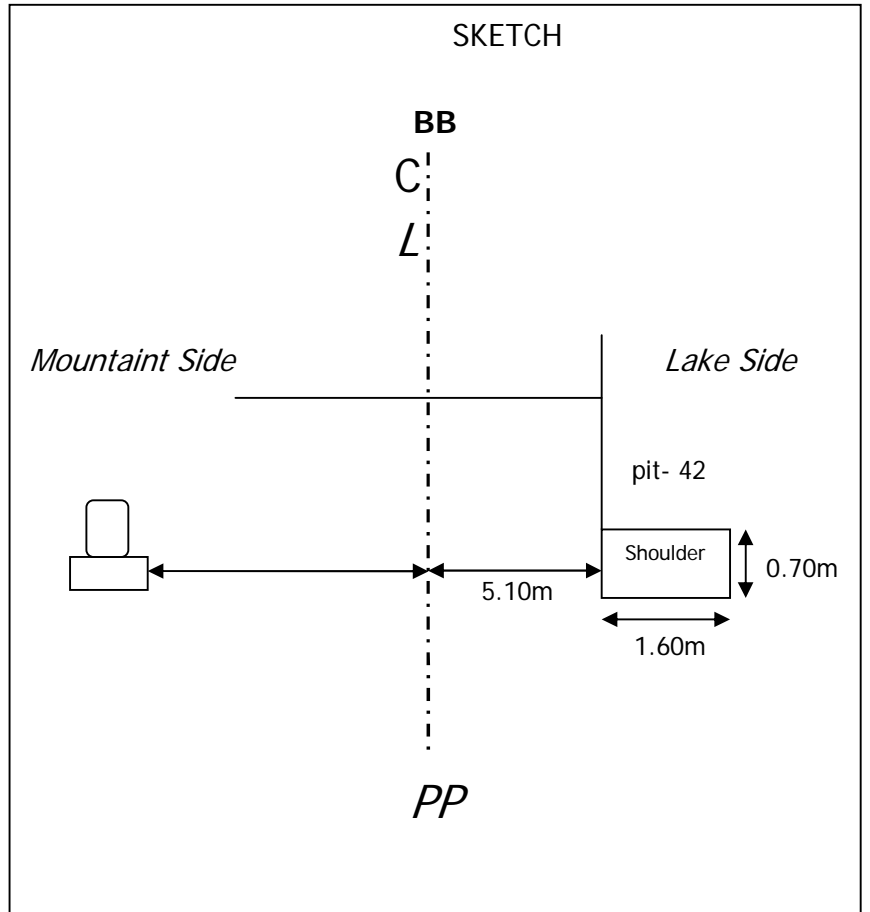
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





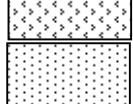
Sub-Grade:.....500.....mm

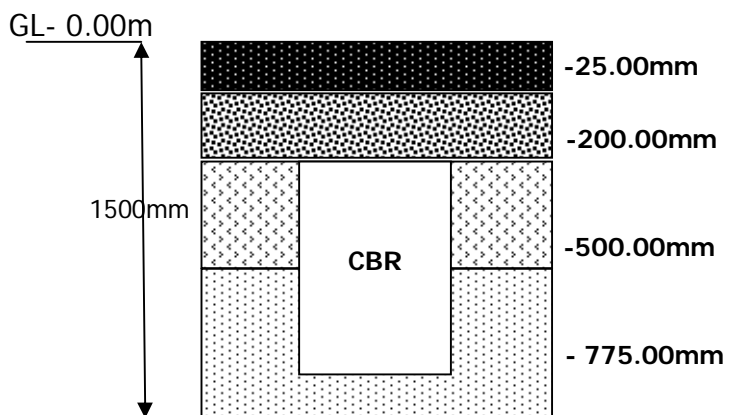
Embankment:.....775.....mm

N: 1419149, E: 0327138



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:28../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....43.....

Location : KP...255.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

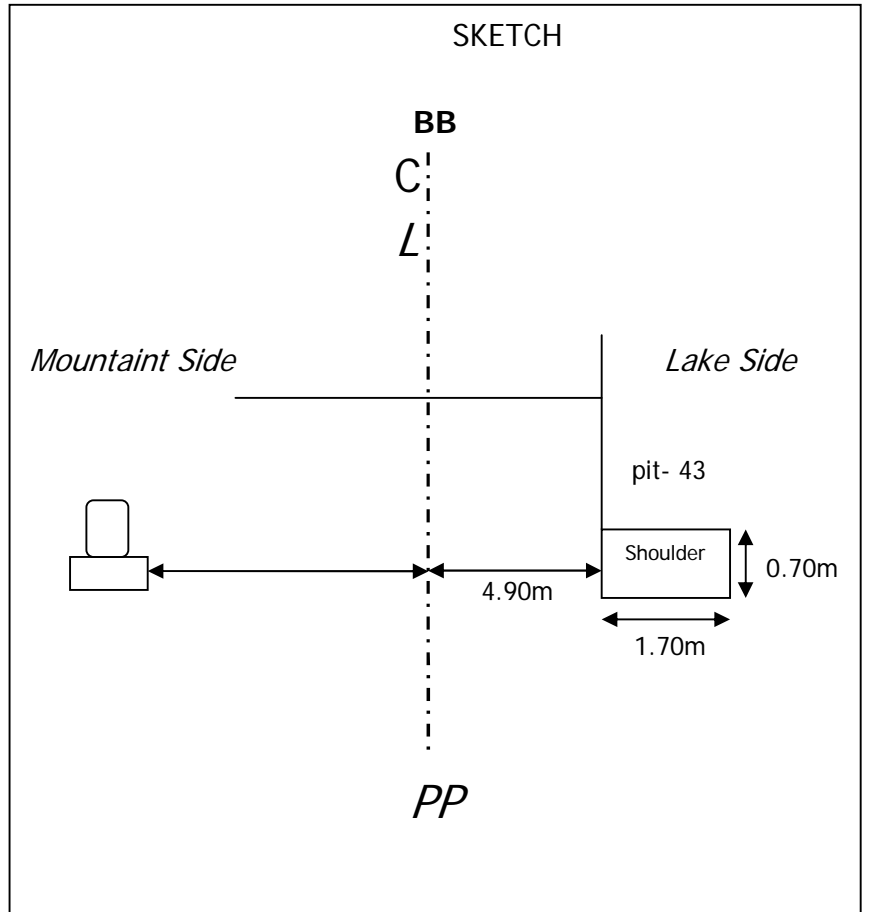
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





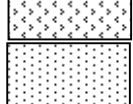
Sub-Grade:.....600.....mm

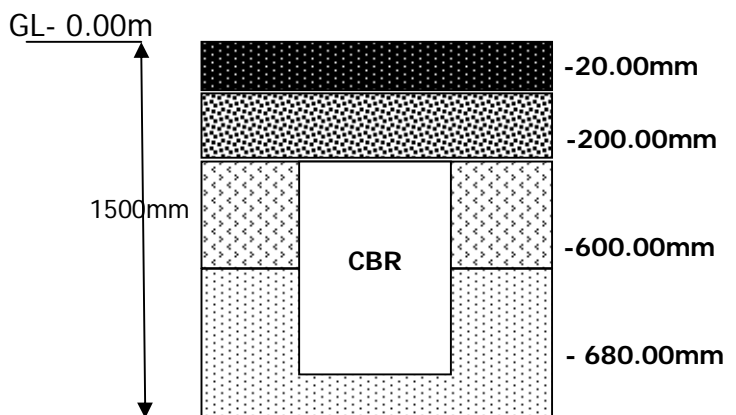
Embankment:.....680.....mm

N: 1420781, E: 0326006



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment

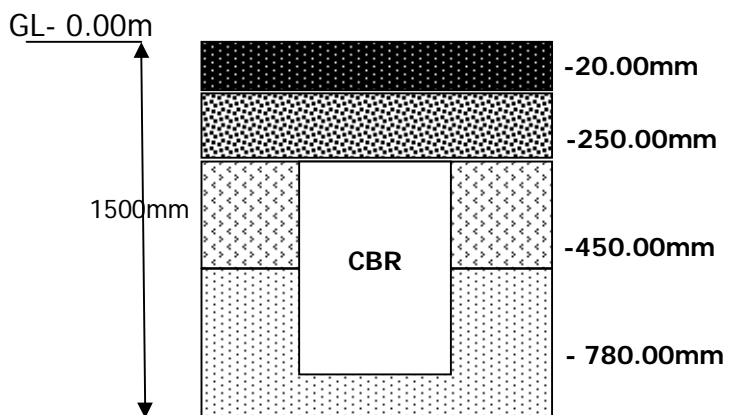


Field Test Record

<p>Date:28../.....05...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....44.....</p> <p>Location : KP...257.....+...0.00...</p> <p>PVC Water Pipe: ..No.....mm</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....20.....mm</p> <p>Base Course:.....No.....mm</p> <p>Sub-Base Course:.....250.....mm</p> <p>Sub-Grade:.....450.....mm</p> <p>Embankment:.....780.....mm</p> <p>N: 1422526, E: 0325066</p>	<p style="text-align: center;">SKETCH</p>
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Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

Date:30../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....45.....

Location : KP...259.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

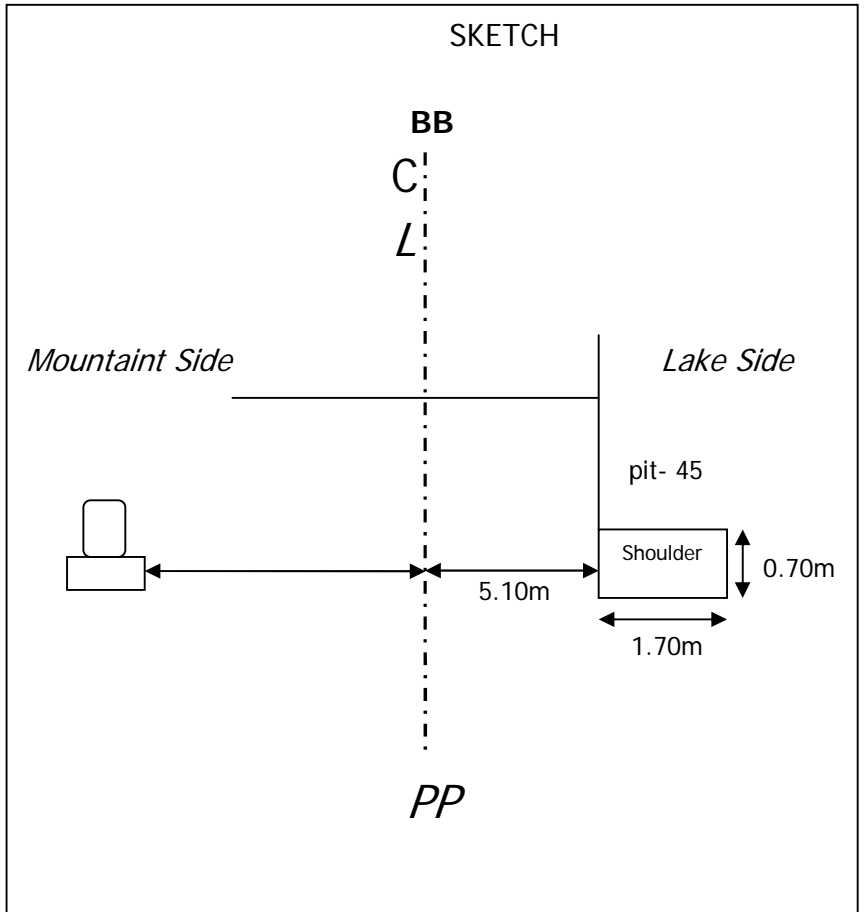
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





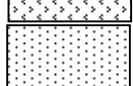
Sub-Grade:.....850.....mm

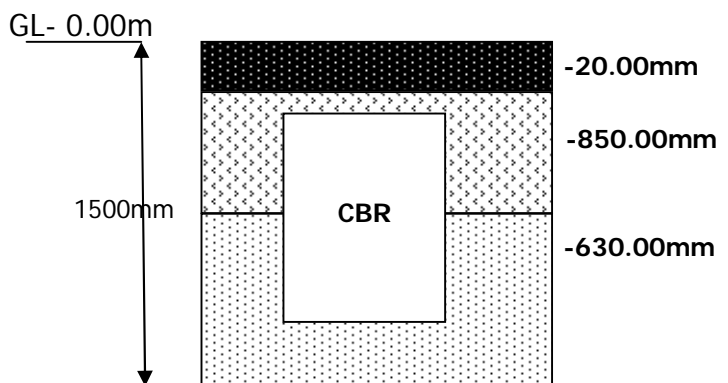
Embankment:.....630.....mm

N: 1424354, E: 0324259



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:28../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....46.....

Location : KP...261.....-...0.08...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

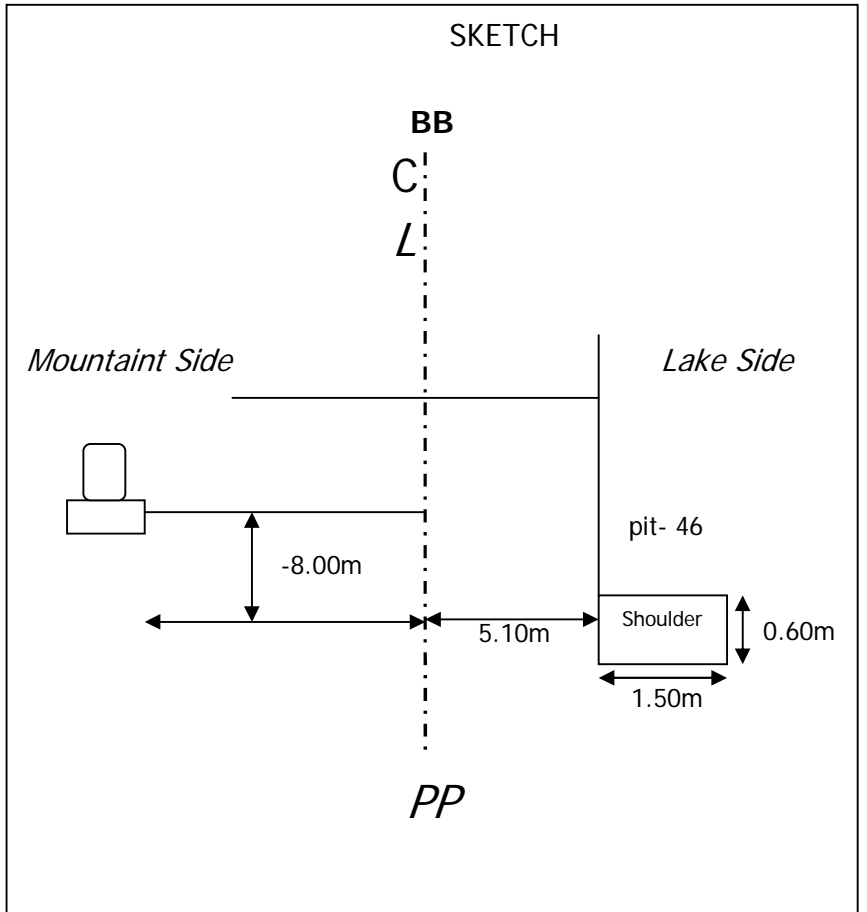
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





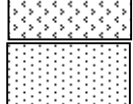
Sub-Grade:.....400.....mm

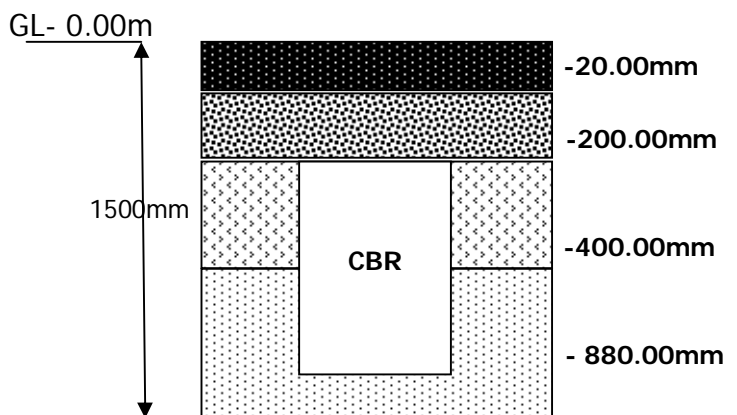
Embankment:.....880.....mm

N: 1426232, E: 0323539



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:30../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....47.....

Location : KP...263.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....30.....mm

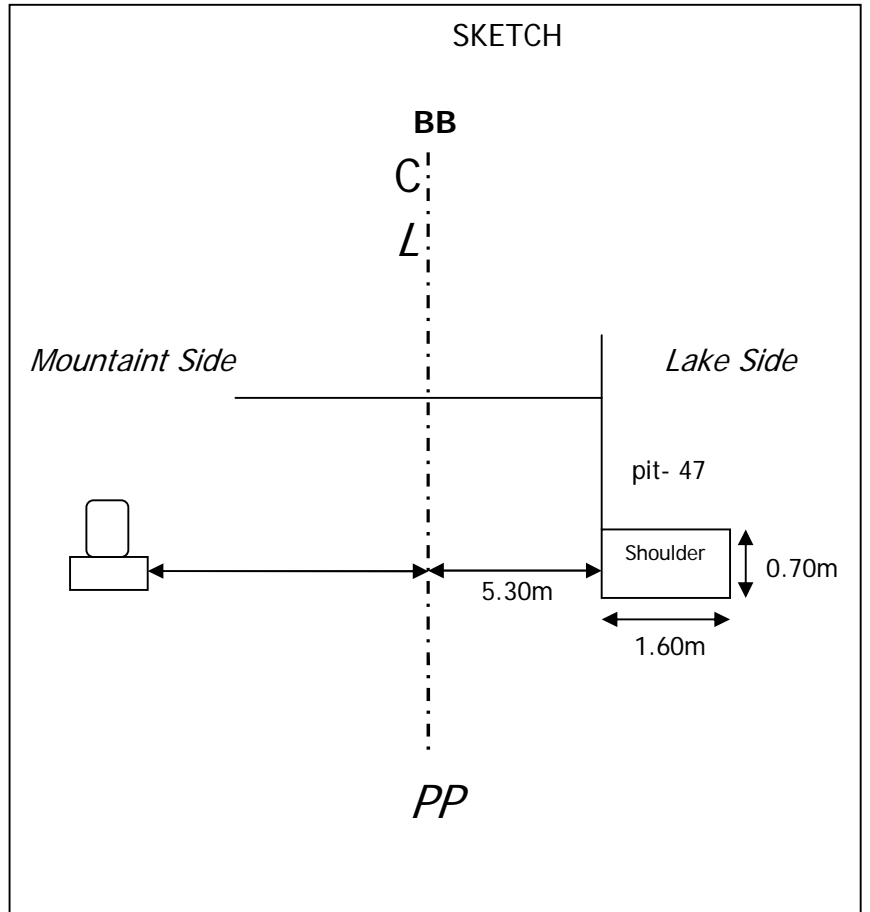
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





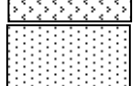
Sub-Grade:.....600.....mm

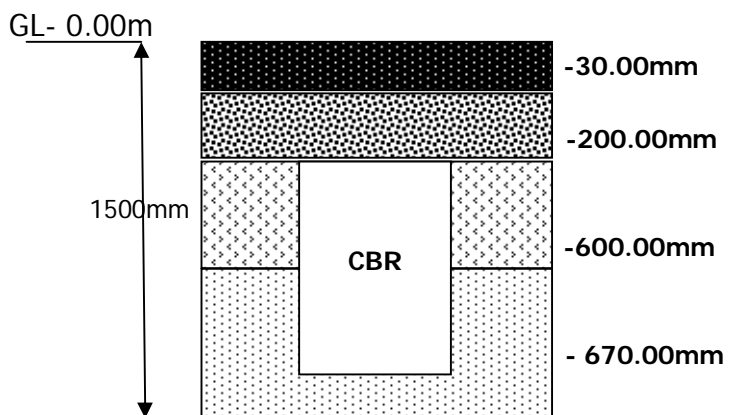
Embankment:.....670.....mm

N: 1422526, E: 0325066



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:30../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....48.....

Location : KP...265.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

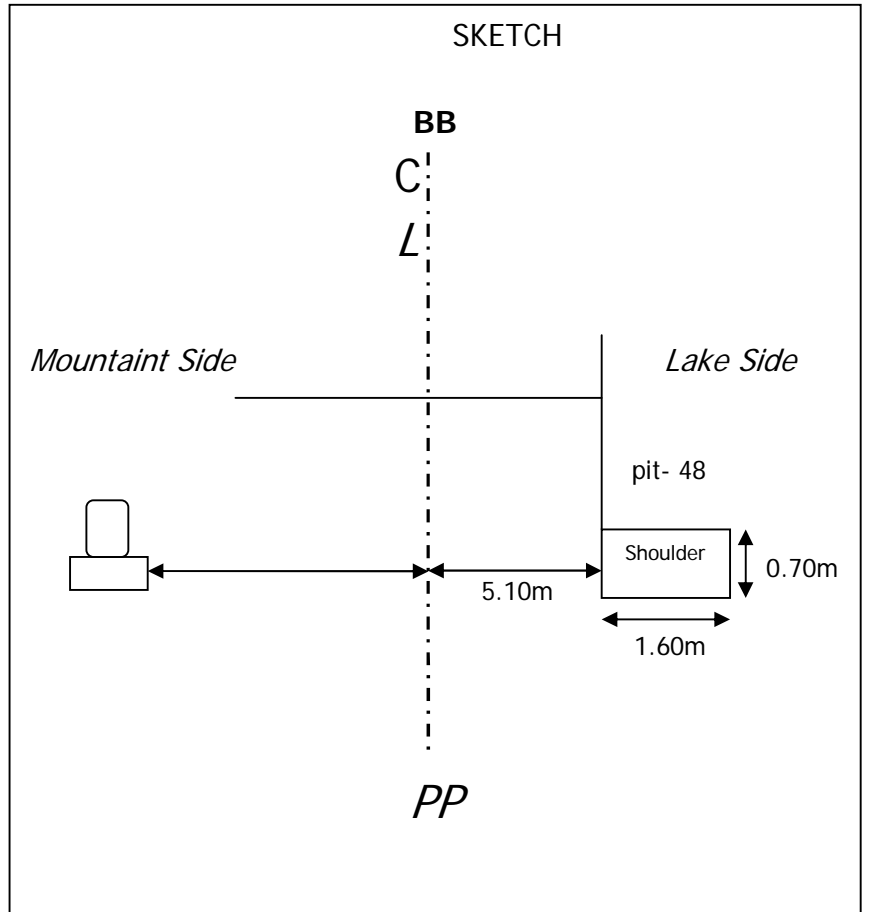
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm





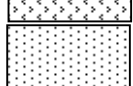
Sub-Grade:.....450.....mm

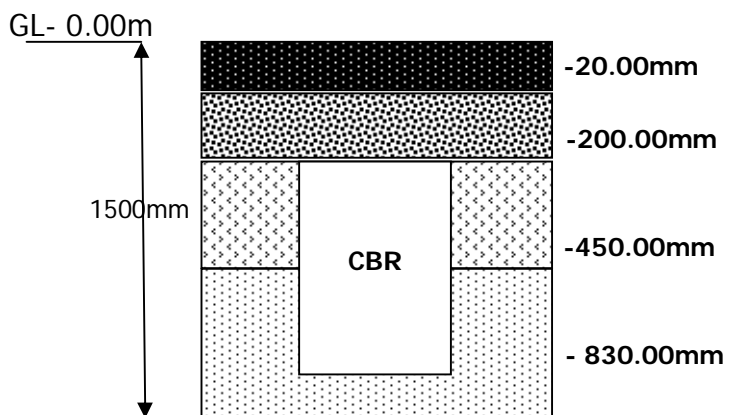
Embankment:.....830.....mm

N: 1429977, E: 0322191



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:30../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....49.....

Location : KP....267.....+...0.08M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

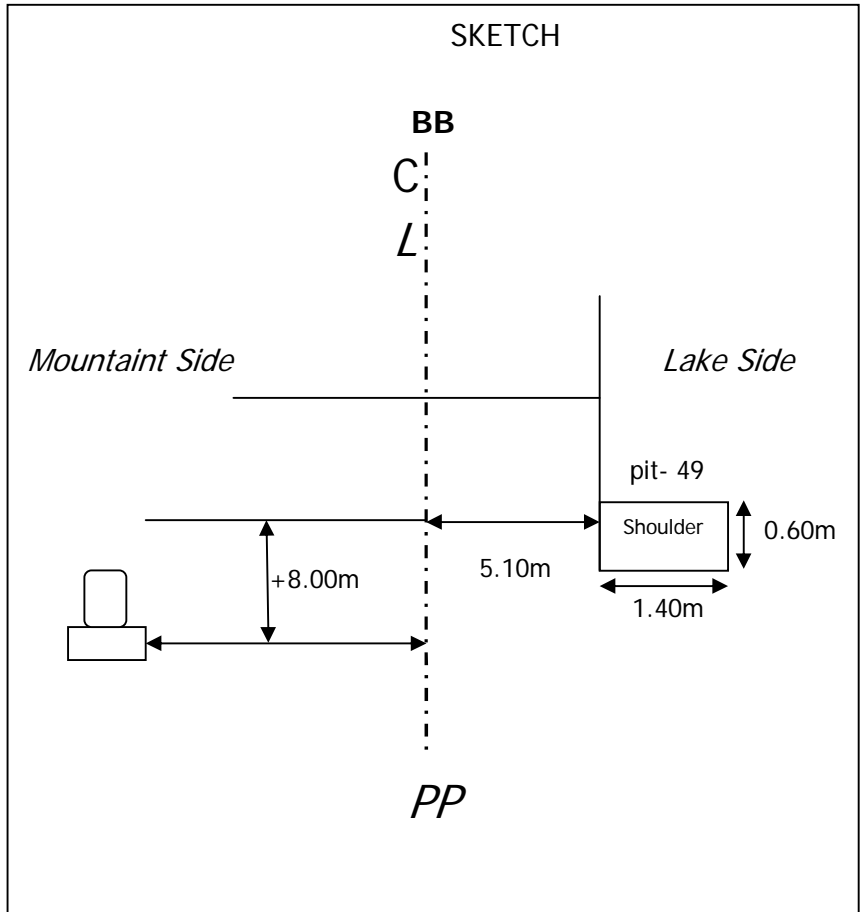
Base Course:.....No.....mm

Sub-Base Course:.....200.....mm




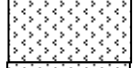

Sub-Grade:.....300.....mm

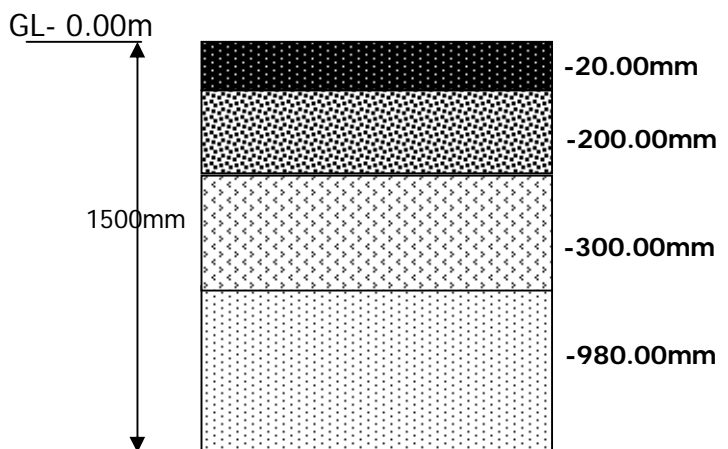
Embankment:.....980.....mm

N: 1431659, E: 0321132



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment

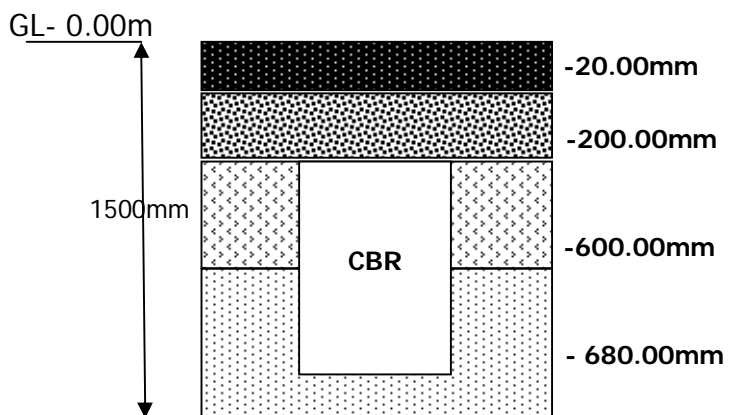


Field Test Record

<p>Date:29../.....05...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....50.....</p> <p>Location : KP...269.....+...0.00...</p> <p>PVC Water Pipe: ..No.....mm</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....20.....mm</p> <p>Base Course:.....No.....mm</p> <p>Sub-Base Course:.....200.....mm</p> <p>Sub-Grade:.....600.....mm</p> <p>Embankment:.....680.....mm</p> <p>N: 1433383, E: 0320093</p>	<p style="text-align: center;">SKETCH</p> <p>The sketch shows a vertical dashed line representing the centerline, labeled 'BB' at the top and 'PP' at the bottom. A horizontal line represents the road surface. To the left is the 'Mountaint Side' and to the right is the 'Lake Side'. A 'Shoulder' is shown on the Lake Side, with a width of 1.50m and a height of 0.60m. A 'pit- 50' is located on the shoulder. A horizontal dimension line shows a distance of 5.10m from the centerline to the center of the pit.</p>
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Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

Date:30../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....51.....

Location : KP....271.....+...0.08M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....25.....mm

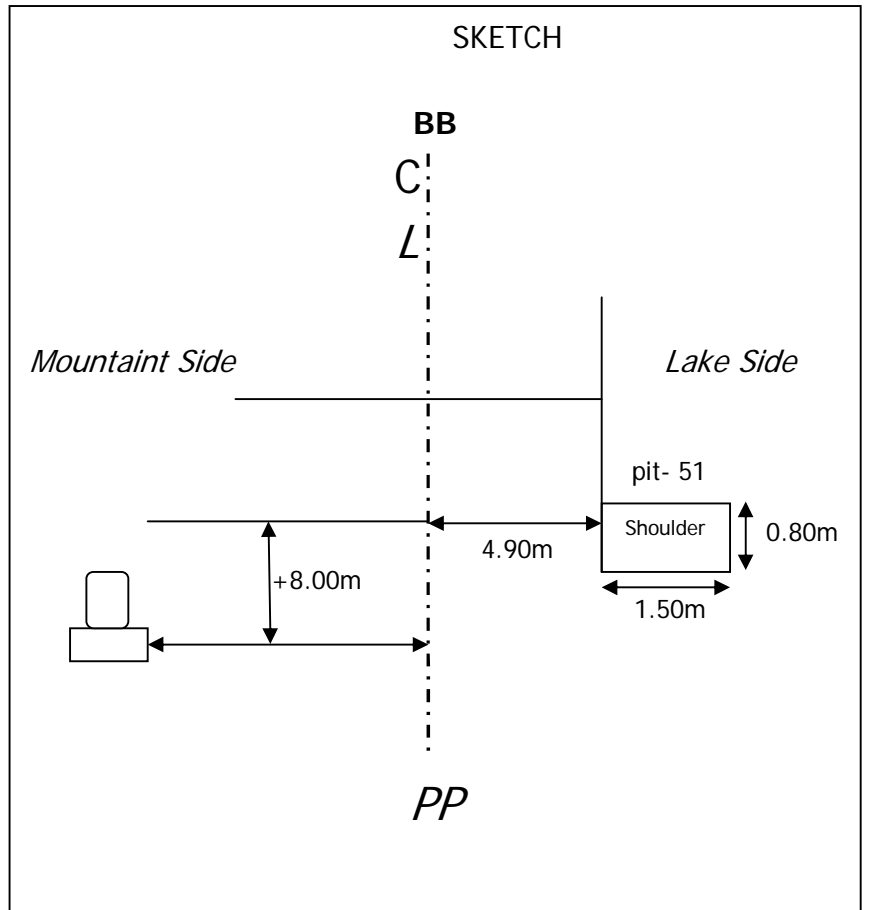
Base Course:.....No.....mm

Sub-Base Course:.....230.....mm

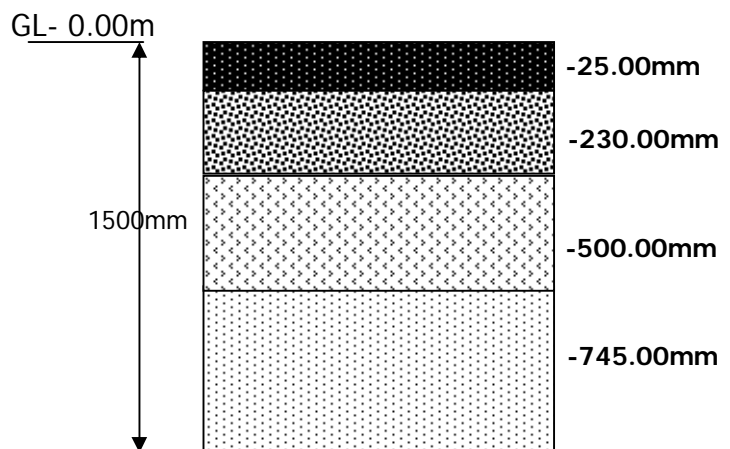
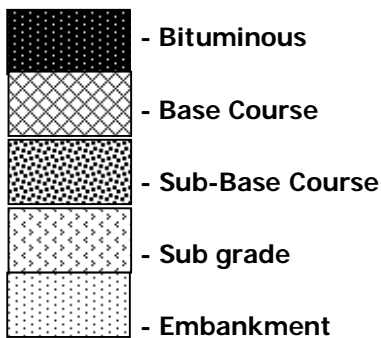
Sub-Grade:.....500.....mm

Embankment:.....450.....mm

N: 1435134, E: 0319122



Note:



Field Test Record

Date:29../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....52.....

Location : KP....273.....+...0.00M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

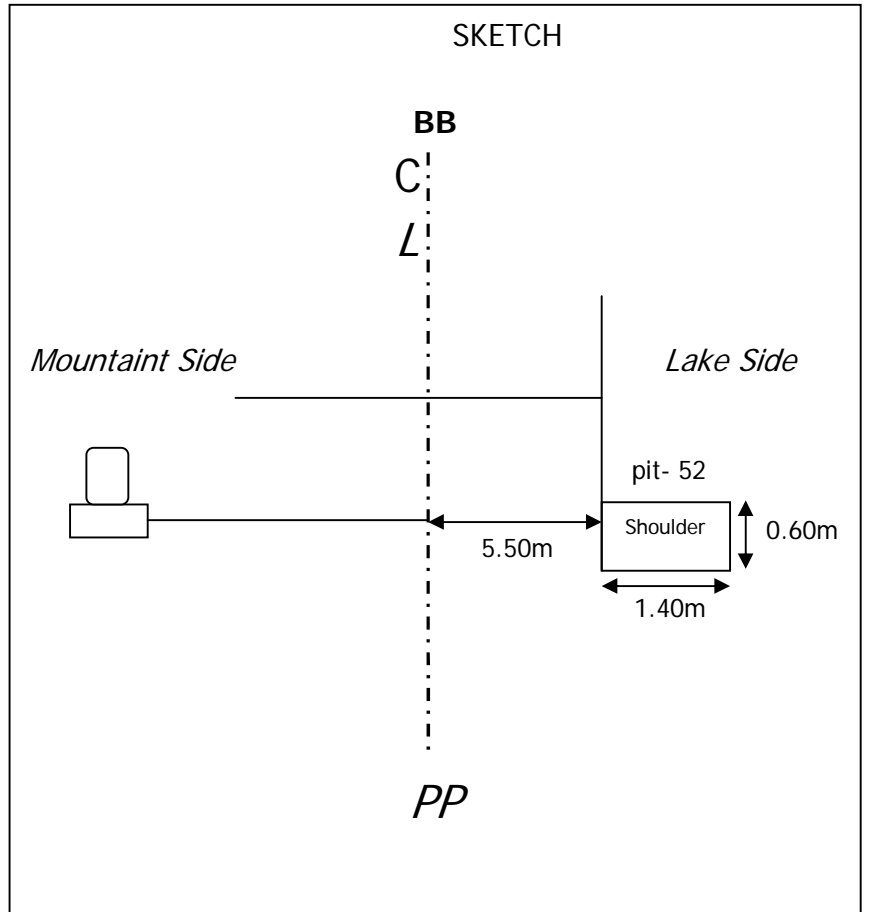
Base Course:.....No.....mm

Sub-Base Course:.....180.....mm




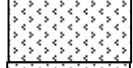

Sub-Grade:.....400.....mm

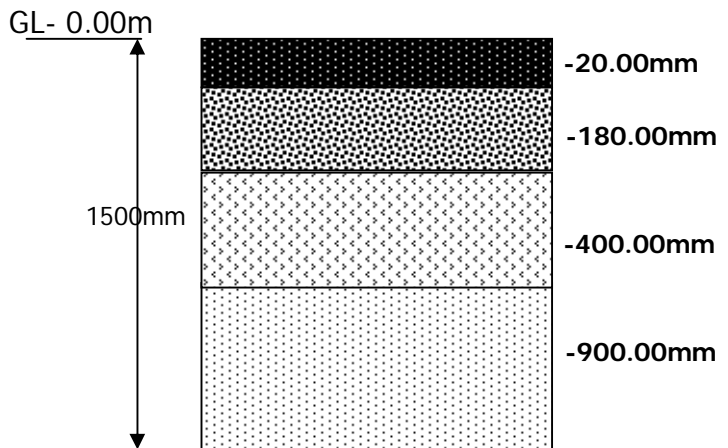
Embankment:.....900.....mm

N: 1436866, E: 0318172



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:29../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....53.....

Location : KP....275.....+...012M...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

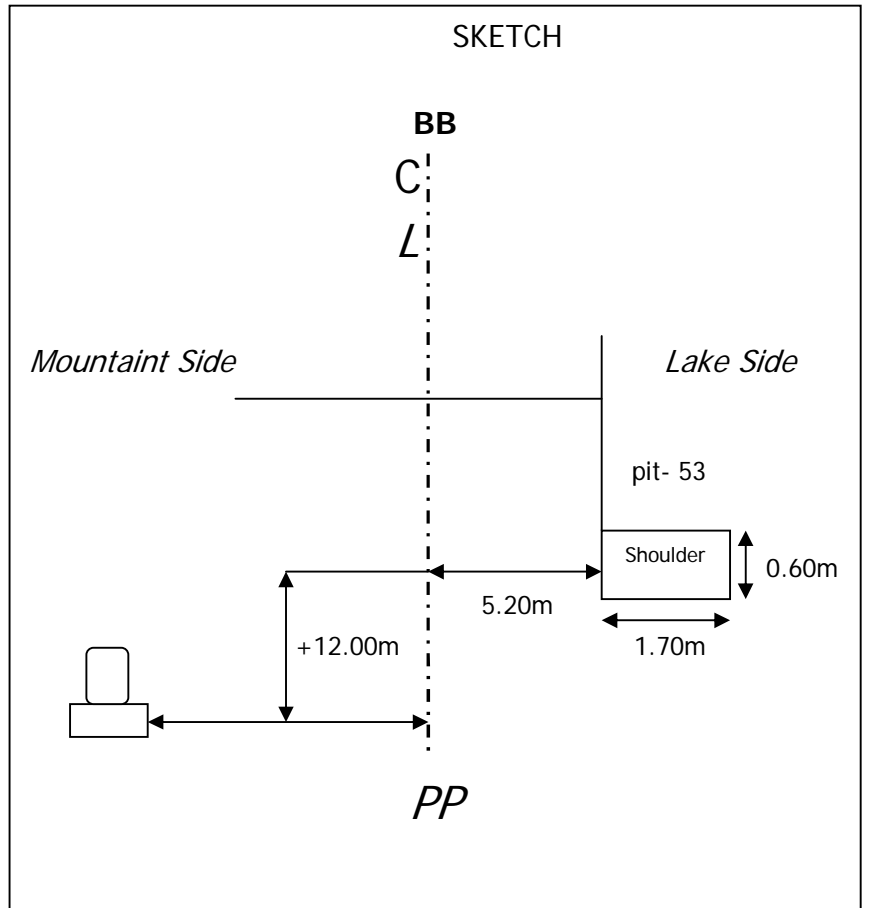
Base Course:.....No.....mm

Sub-Base Course:.....No.....mm

Sub-Grade:.....1000.....mm

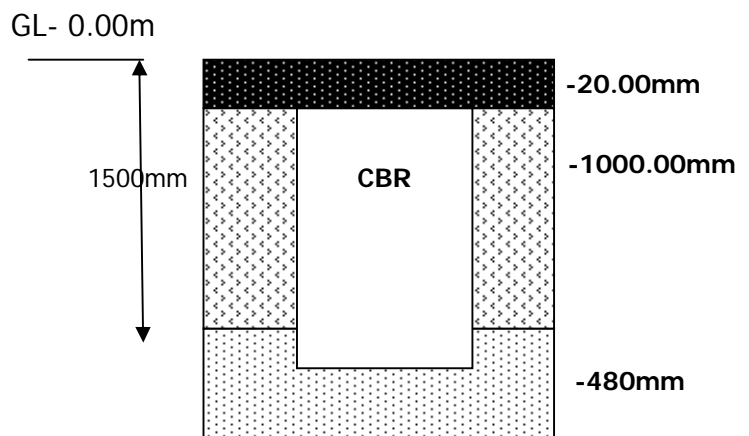
Embankment:.....480.....mm

N: 1438743., E:0317452



Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

Date:29../....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....54.....

Location : KP...277.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....25.....mm

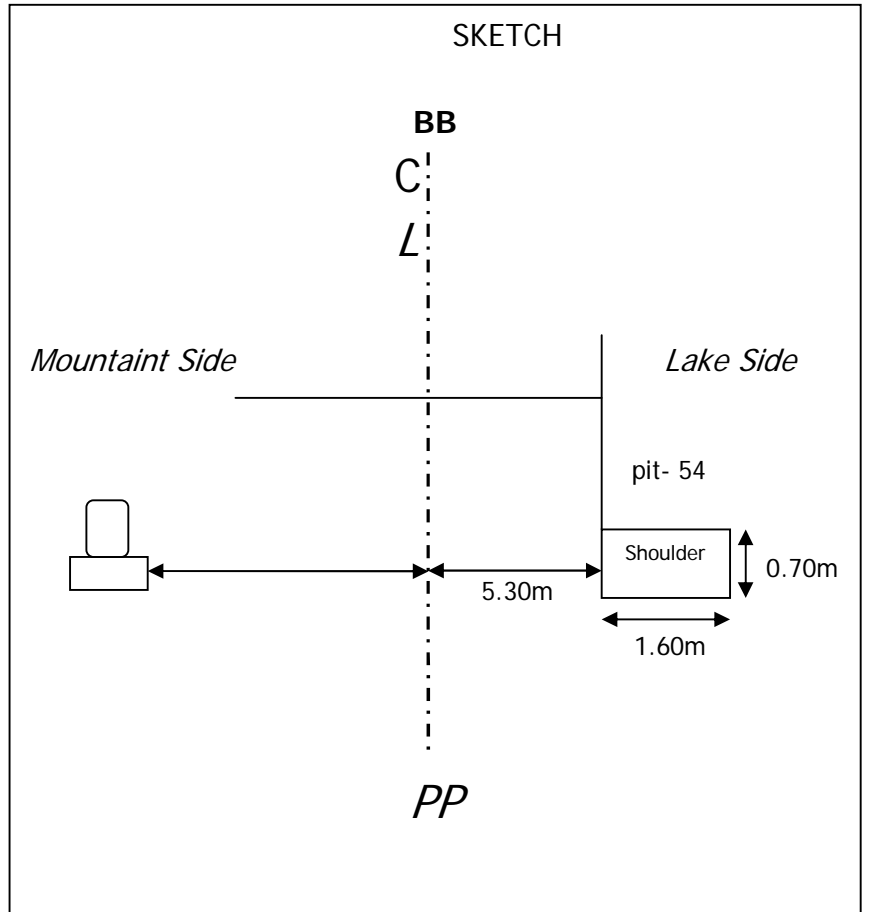
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





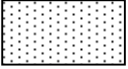
Sub-Grade:.....600.....mm

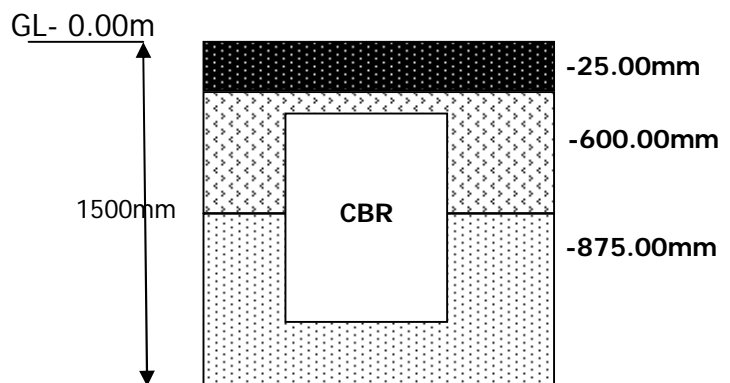
Embankment:.....875.....mm

N: 1440463, E: 0316487



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:29../.....05...../..2013..

Work Item: Digging Hole

Trial Pit No.....55.....

Location : KP...279.....+...0.00...

PVC Water Pipe: ..No.....mm

Optical Cable:.....No.....

Bituminous:.....20.....mm

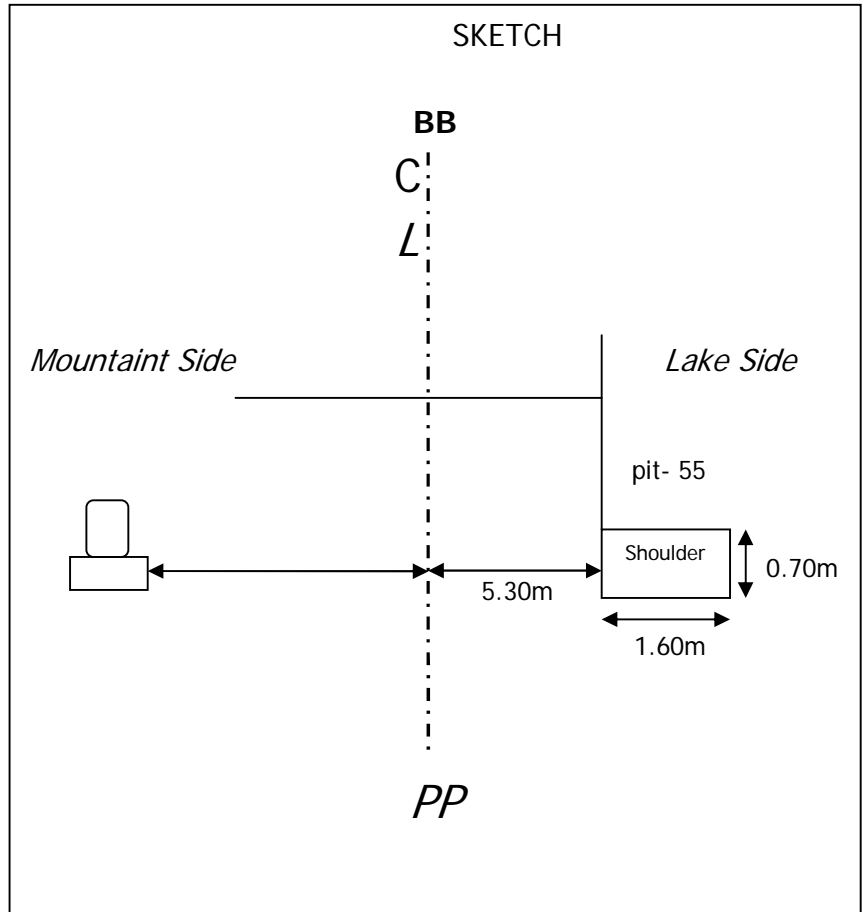
Base Course:.....No.....mm

Sub-Base Course:.....NO.....mm





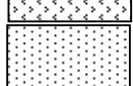
Sub-Grade:.....600.....mm

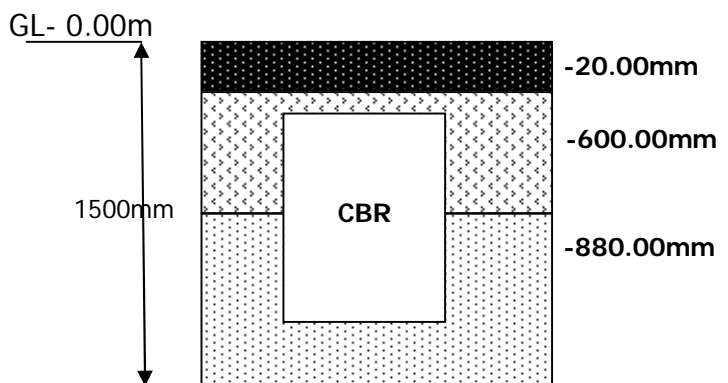
Embankment:.....880.....mm

N: 1440463, E: 0316487



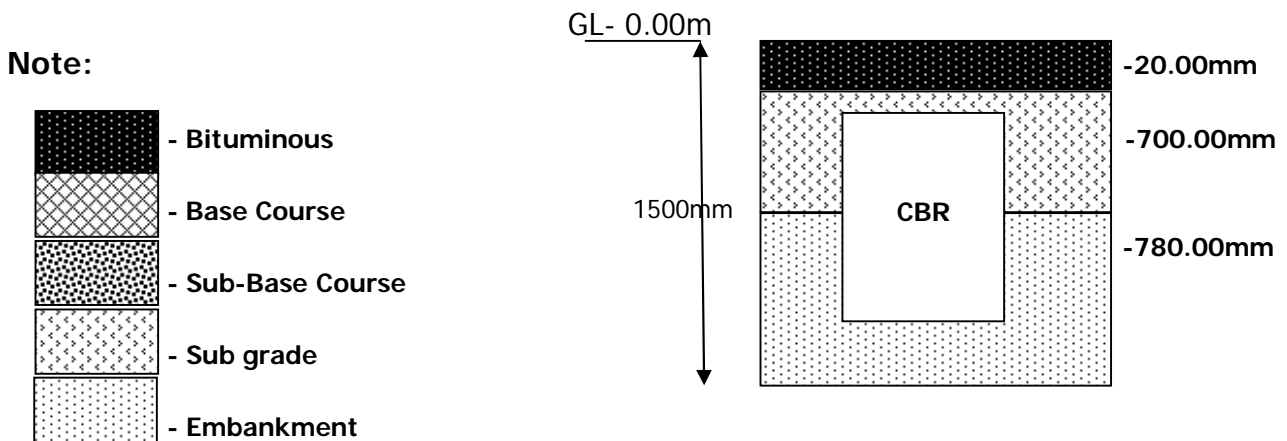
Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



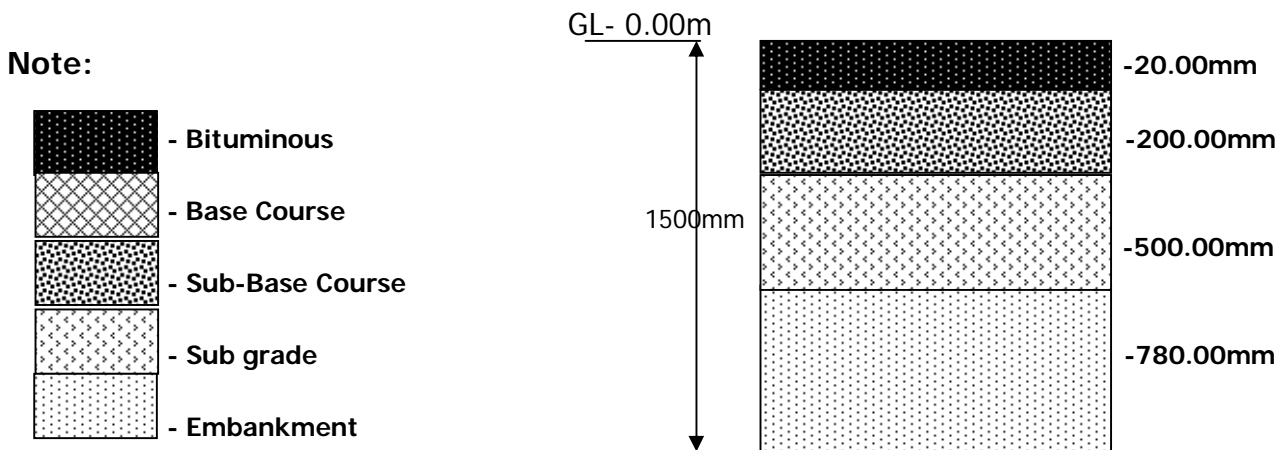
Field Test Record

<p>Date:29../.....05...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....56.....</p> <p>Location : KP...281.....+ ...0.00...</p> <p>PVC Water Pipe: ..No.....mm</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....20.....mm</p> <p>Base Course:.....No.....mm</p> <p>Sub-Base Course:.....NO.....mm</p> <p>Sub-Grade:.....700.....mm</p> <p>Embankment:.....780.....mm</p> <p>N: 1440463, E: 0316487</p>	<p style="text-align: center;">SKETCH</p>
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Field Test Record

<p>Date:29../.....05...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....57.....</p> <p>Location : KP....283.....+ ...0.00M...</p> <p>PVC Water Pipe: ..No.....mm</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....20.....mm</p> <p>Base Course:.....No.....mm</p> <p>Sub-Base Course:.....200.....mm</p> <p>Sub-Grade:.....500.....mm</p> <p>Embankment:.....780.....mm</p> <p>N: 1444021, E: 0311819</p>	<p style="text-align: center;">SKETCH</p>
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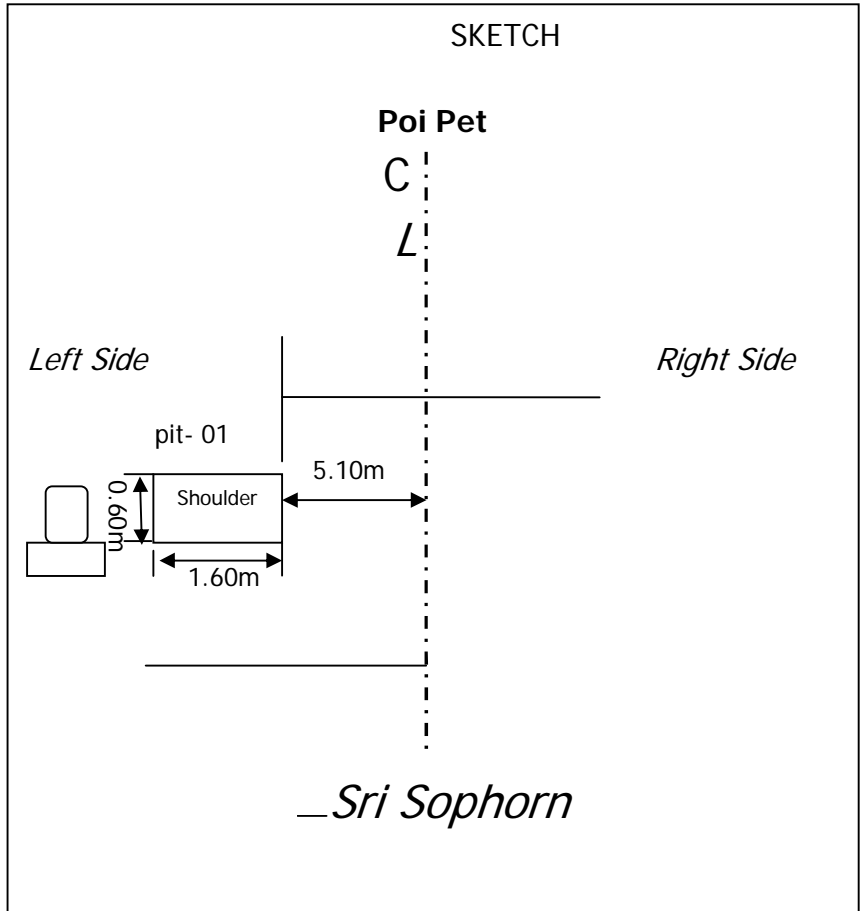
APPENDIX 6-6

SKETCHES OF TEST PITS



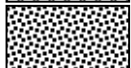

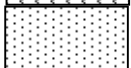
ON THE SRI SOPHORN–POIPET SECTION

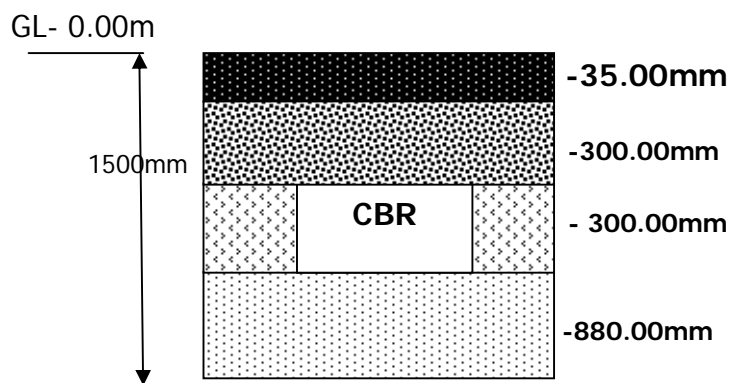
Field Test Record

Date:21...../...05...../..2013....
 Work Item: Digging Hole
 Trial Pit No: 01
 Location : KP: 367 + 000
 PVC Water Pipe: No
 Optical Cable: No
 Bituminous: 40 mm
 Base Course: No
 Sub-Base Course: 300.00 mm
 Sub-Grade: 300.00 mm
 Embankment: 880.00 mm
 N: 1501887. E: 0274458.



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:01../.....08...../..2013..

Work Item: Digging Hole

Trial Pit No.....02.....

Location : KP....369....+...000...

PVC Water Pipe: ..No

Optical Cable:.....No...

Bituminous:.....35...mm

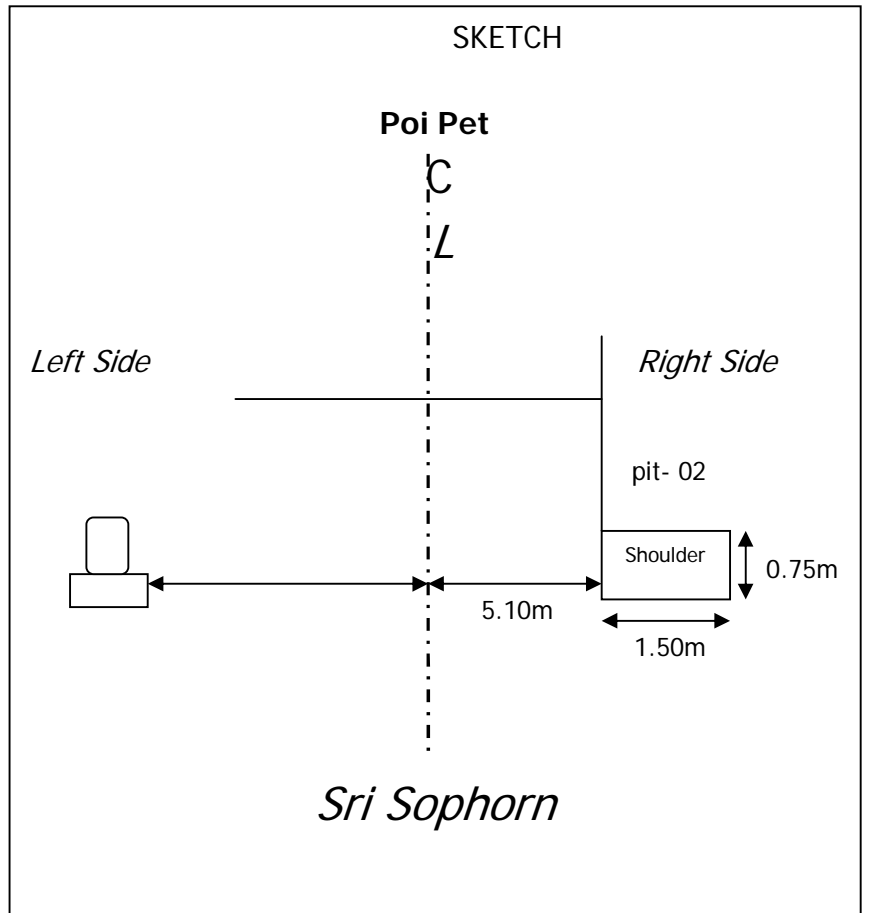
Base Course:.....400...mm

Sub-Base Course:.....No..






Sub-Grade:.....450....mm

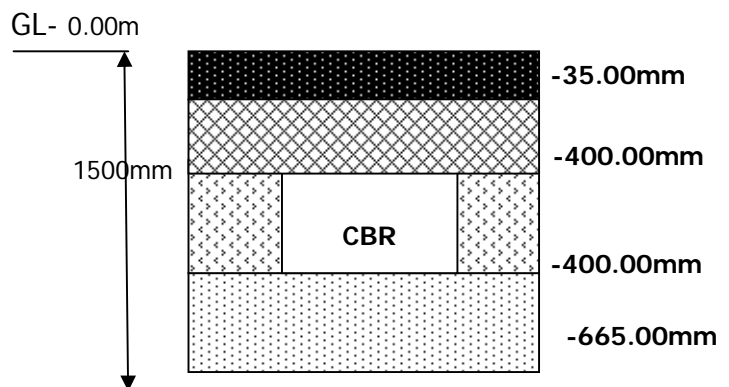
Embankment:.....665.....mm

N:..1502081....., E:..0272442...



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:01../.....08...../..2013..

Work Item: Digging Hole

Trial Pit No.....03.....

Location : KP....371.....+ ...000...

PVC Water Pipe: ..No...

Optical Cable:.....No....

Bituminous:.....40....mm

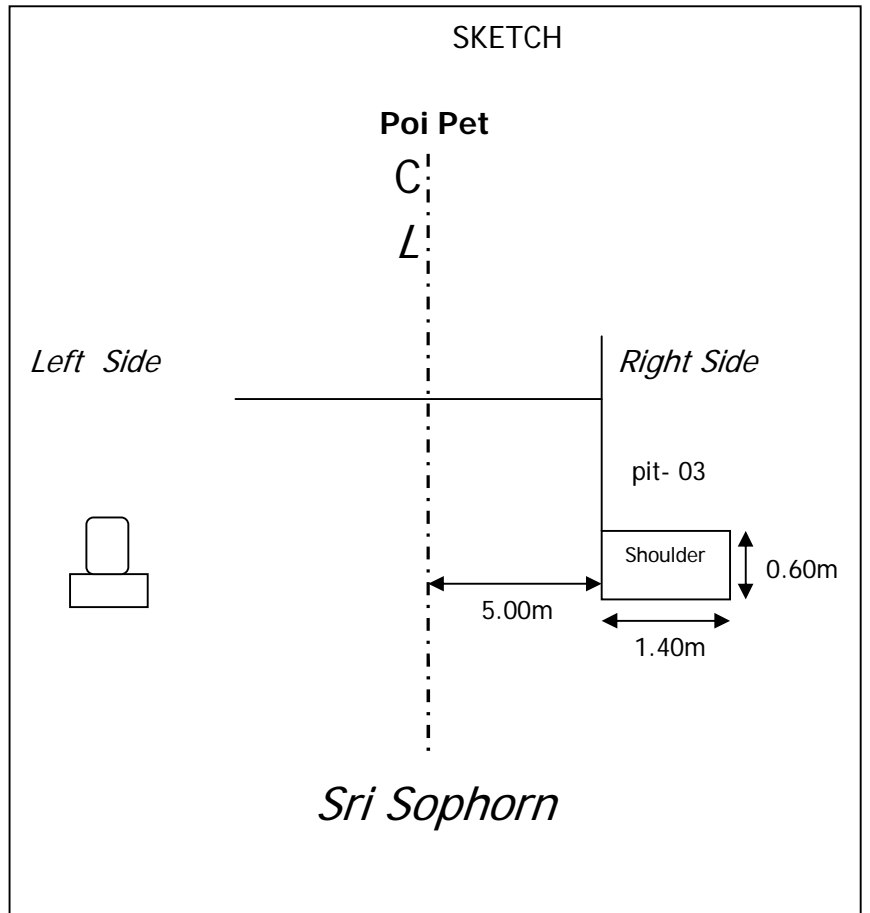
Base Course:.....300.....mm

Sub-Base Course:.....No..



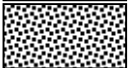


Sub-Grade:.....300.....mm

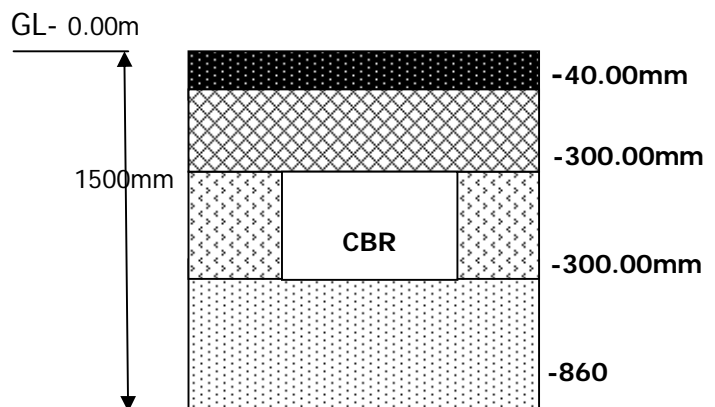
Embankment:.....860.....mm

N:..1502337....., E:..0270484.....


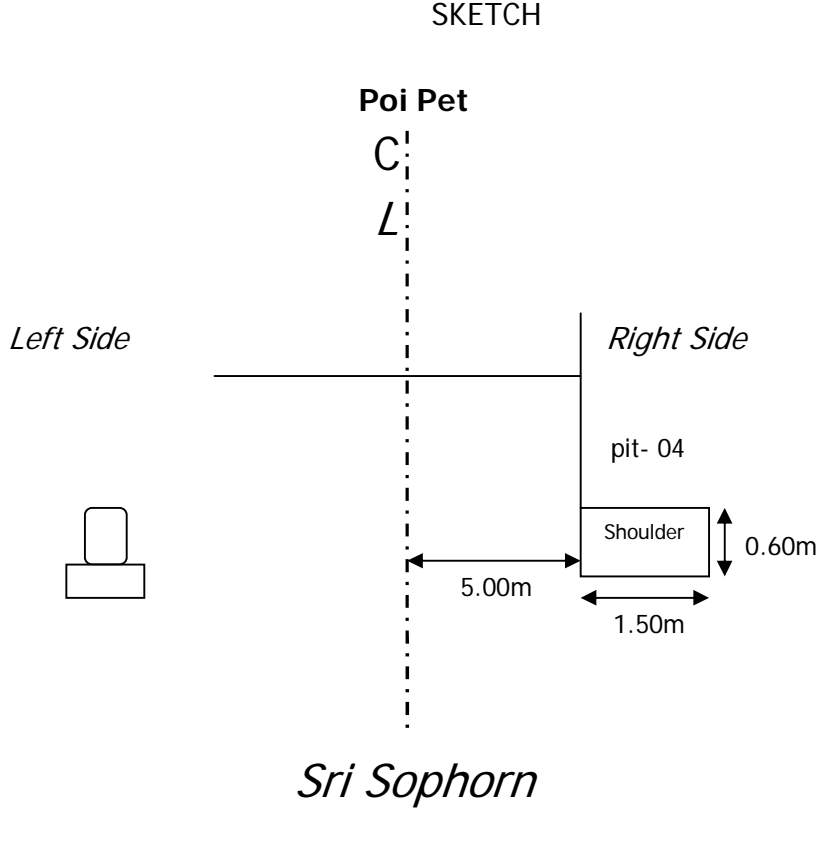


Note:

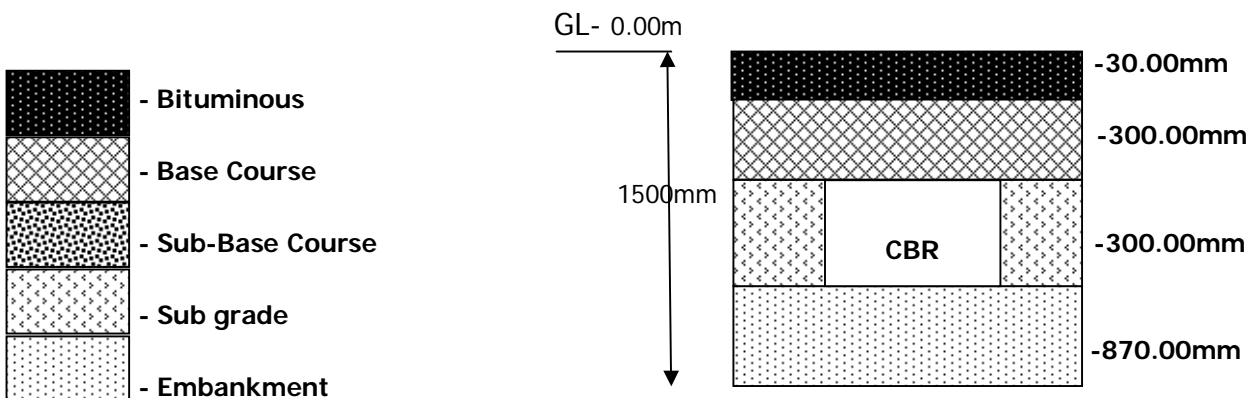
-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

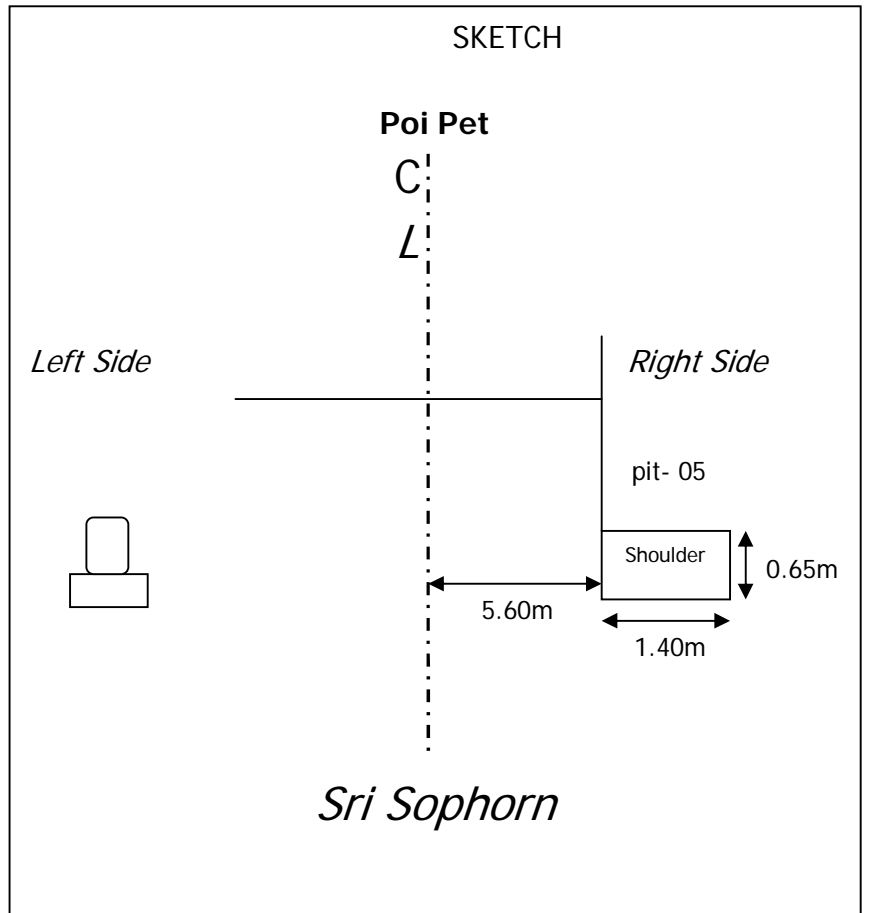
<p>Date:01../.....08...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....04.....</p> <p>Location : KP....373.....+...000..</p> <p>PVC Water Pipe: ..No...</p> <p>Optical Cable:.....No....</p> <p>Bituminous:.....30....mm</p> <p>Base Course:.....300....mm</p> <p>Sub-Base Course:.....No...</p> <p>Sub-Grade:.....300.....mm</p> <p>Embankment:.....870.....mm</p> <p>N:..1502781....., E:..0268536.....</p>	<p style="text-align: center;">SKETCH</p> <p style="text-align: center;">Poi Pet</p> <p style="text-align: center;">C L</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p><i>Left Side</i></p>  </div> <div style="text-align: center;">  </div> </div> <p style="text-align: center;"><i>Sri Sophorn</i></p>
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Note:








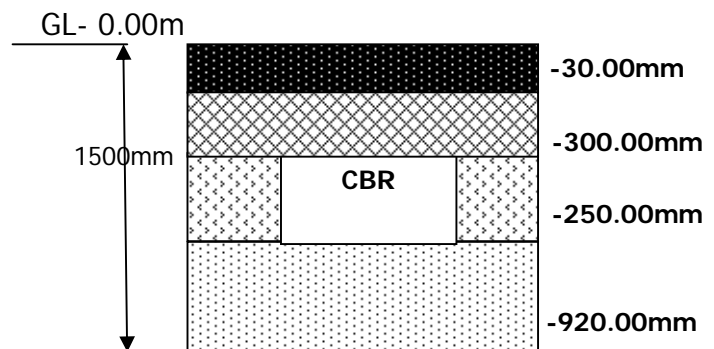
Field Test Record

Date:02../.....08...../..2013.
 Work Item: Digging Hole
 Trial Pit No.....05.....
 Location : KP...375.....+...000...
 PVC Water Pipe: ..No...
 Optical Cable:...No...
 Bituminous:.....30.....mm
 Base Course:...300.....mm
 Sub-Base Course:....No....
 Sub-Grade:.....250.....mm
 Embankment:...920.....mm
 N:..1503310....., E:..0266605...



Note:

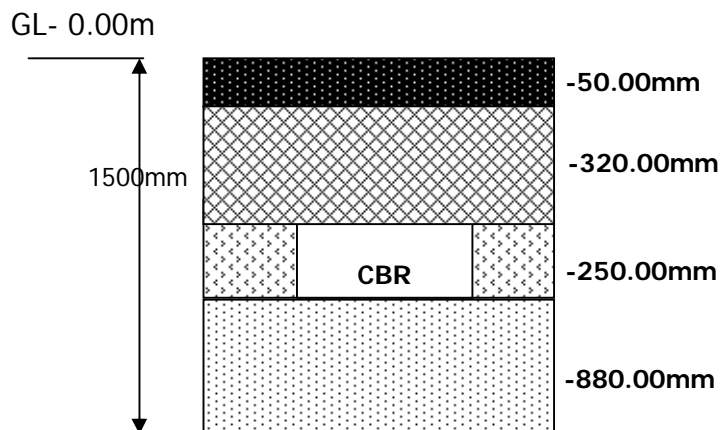
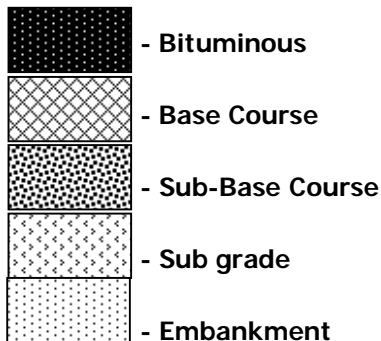
-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

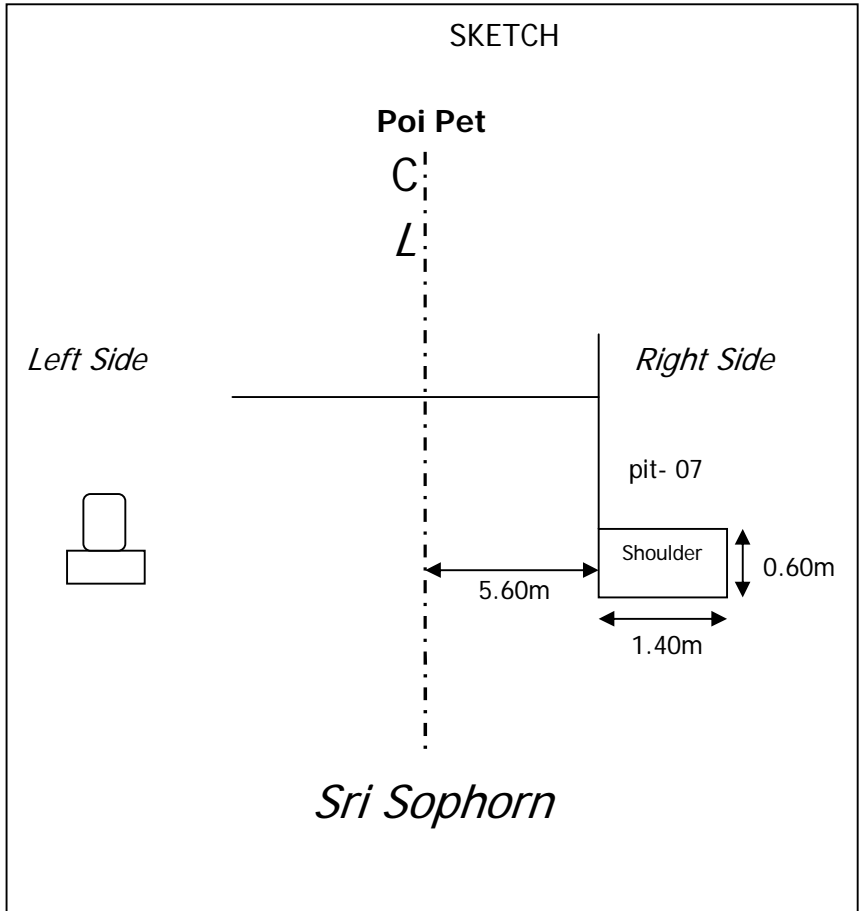
<p>Date: ...02.../...08...../.2013</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....06.....</p> <p>Location : KP....377.....+...000</p> <p>PVC Water Pipe: ..No...</p> <p>Optical Cable:.....No....</p> <p>Bituminous:.....50.....mm</p> <p>Base Course:.....No.....mm</p> <p>Sub-Base Course:.....No....</p> <p>Sub-Grade:.....250.....mm</p> <p>Embankment:.....880.....mm</p> <p>N:..1503832..., E:..0264679.....</p>	<p>SKETCH</p>
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Note:



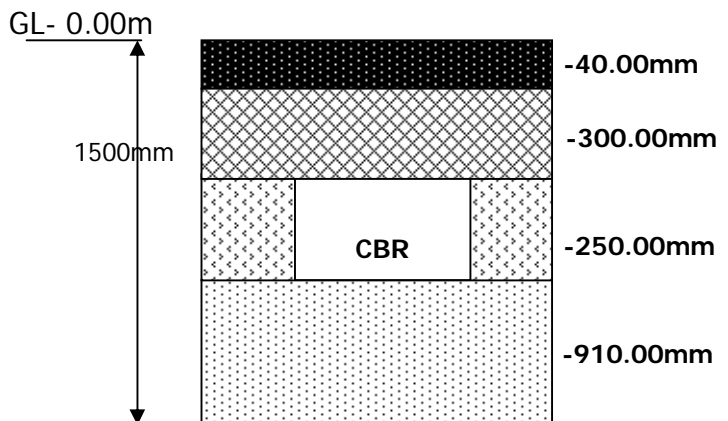
Field Test Record

Date:02../....08...../..2013
 Work Item: Digging Hole
 Trial Pit No.....07.....
 Location : KP....379.....+ ...0.00...
 PVC Water Pipe: ..No.....
 Optical Cable:...No....
 Bituminous:.....40.....mm
 Base Course:.....300.....mm
 Sub-Base Course:.....No....
 Sub-Grade:.....250.....mm
 Embankment:.....910.....mm
 N:..1504351....., E:..0262741....



Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

Date: ...02../...08...../..2013..

Work Item: Digging Hole

Trial Pit No.....08.....

Location : KP....381.....+...0.00

PVC Water Pipe: ..No.....

Optical Cable:.....No.....

Bituminous:.....40.....mm

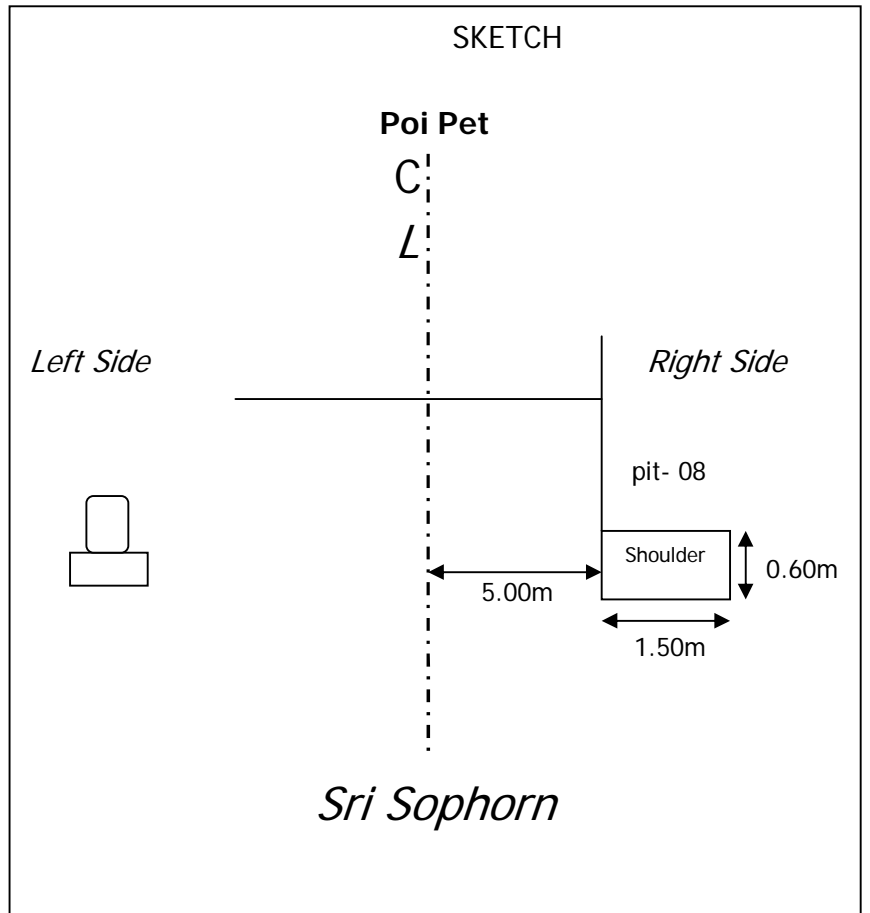
Base Course:.....300.....mm

Sub-Base Course:.....No.....






Sub-Grade:.....250.....mm

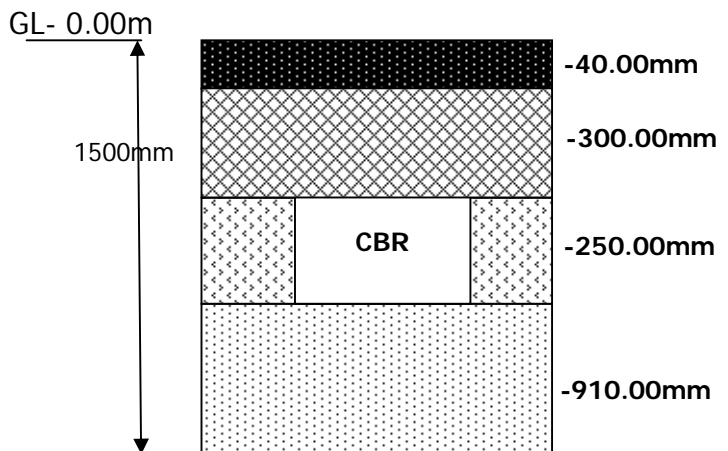
Embankment:.....910.....mm

N:..1504859....., E:..0260800.....



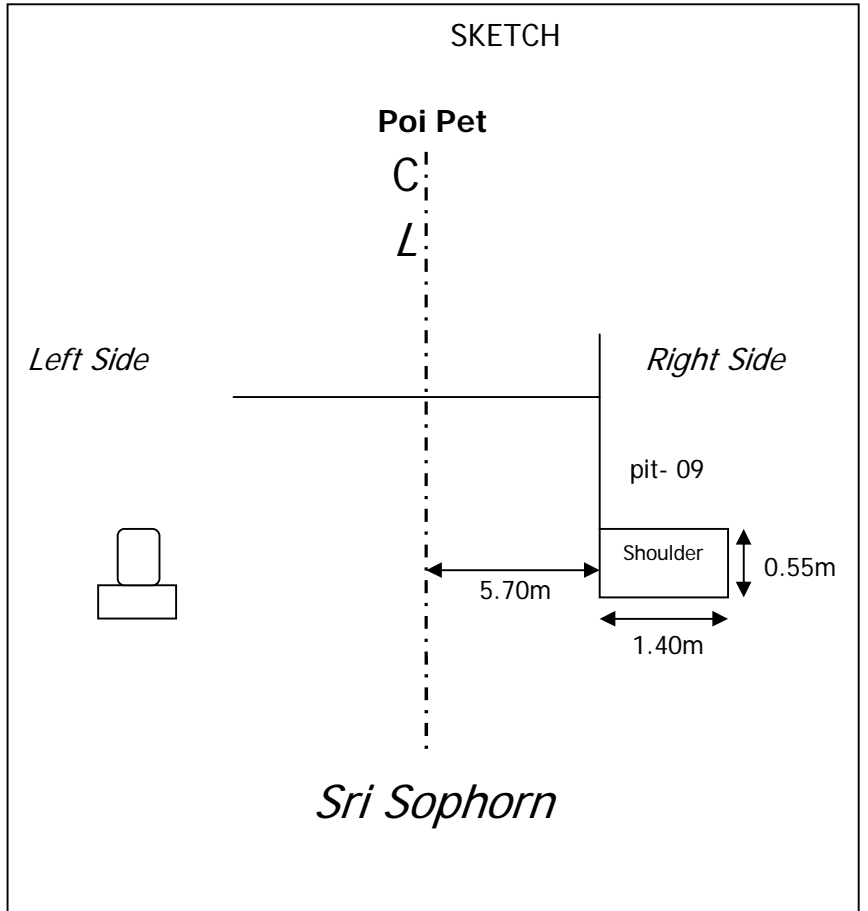
Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment








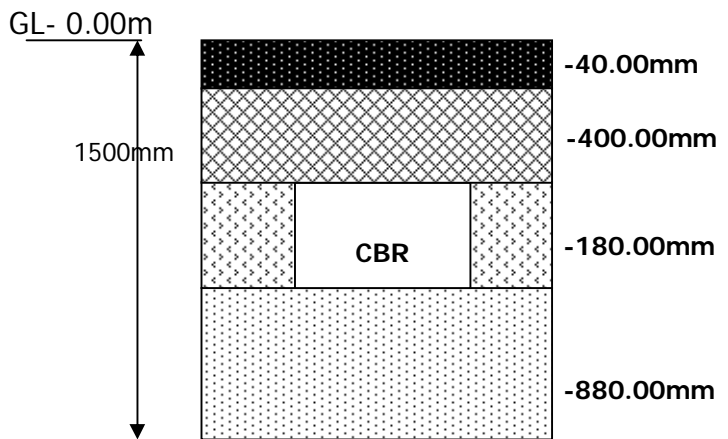
Field Test Record

Date:02../.....08...../..2013..
 Work Item: Digging Hole
 Trial Pit No.....09.....
 Location : KP....385.....+ ...000.
 PVC Water Pipe: ..No....
 Optical Cable:.....No...
 Bituminous:.....40.....mm
 Base Course:.....400.....mm
 Sub-Base Course:.....No.....
 Sub-Grade:.....180.....mm
 Embankment:.....880.....mm
 N:..1505870....., E:..0256934..



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date: ...02../...08...../..2013..

Work Item: Digging Hole

Trial Pit No.....10.....

Location : KP....387....+...74m...

PVC Water Pipe: ..No....

Optical Cable:.....No.....

Bituminous:.....40.....mm

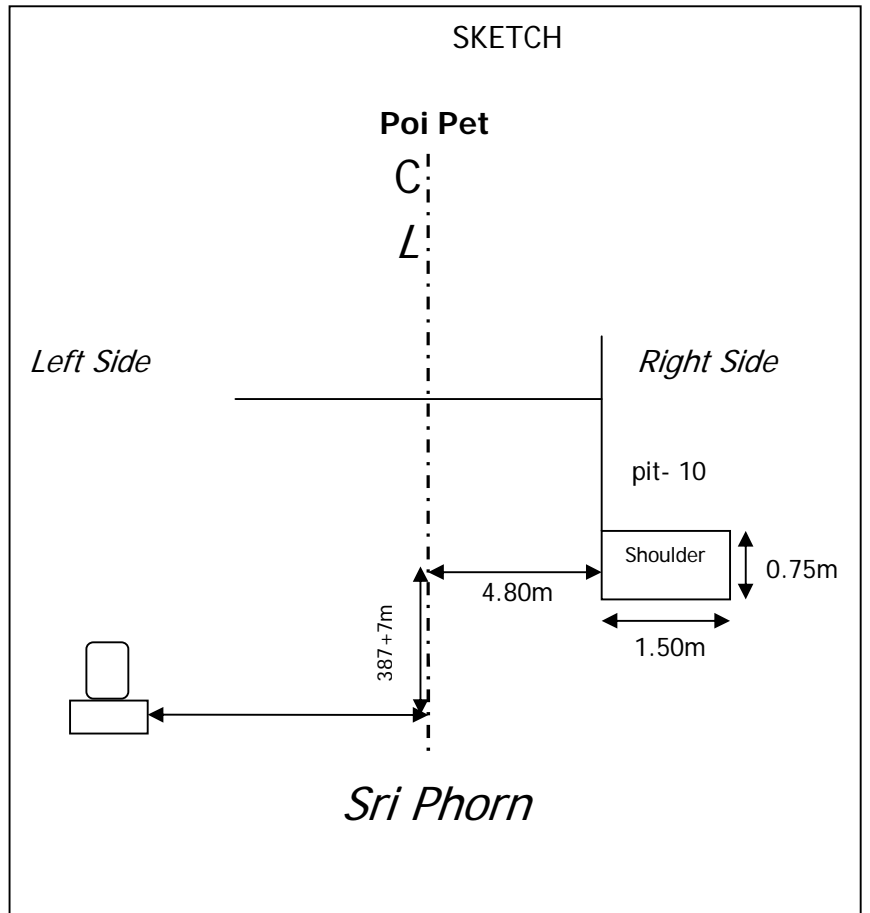
Base Course:.....360.....mm

Sub-Base Course:.....No....





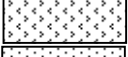
Sub-Grade:.....250.....mm

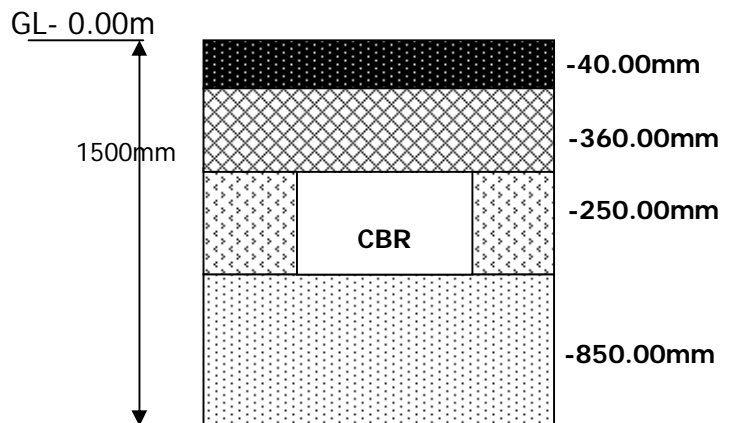
Embankment:.....850.....mm

N:..1506379....., E:..0254991...



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date: ...03../...08...../.2013..

Work Item: Digging Hole

Trial Pit No.....11.....

Location : KP....389.....+...000...

PVC Water Pipe: ..No.....

Optical Cable:.....No.....

Bituminous:.....30.....mm

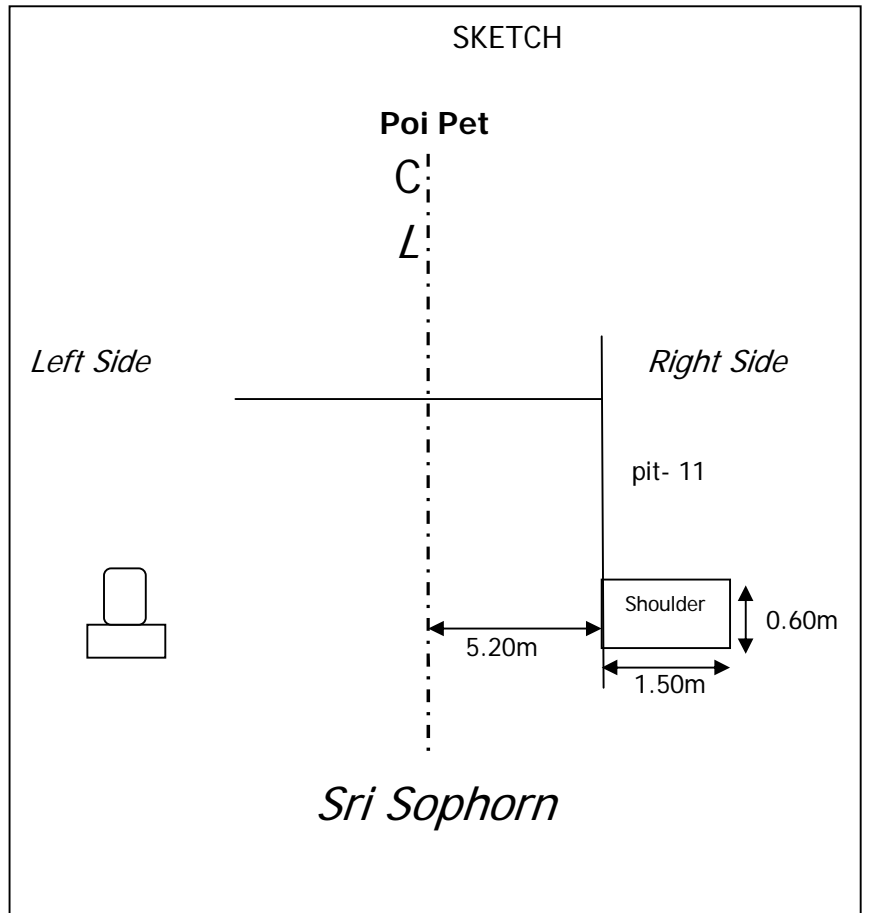
Base Course:.....440.....mm

Sub-Base Course:.....No...






Sub-Grade:.....300.....mm

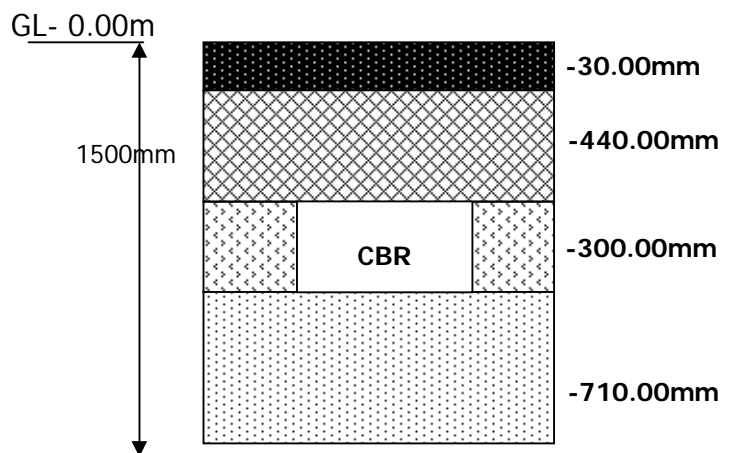
Embankment:.....710.....mm

N:..1506686..., E:..0253037...



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:03../....08...../.2013..

Work Item: Digging Hole

Trial Pit No.....12.....

Location : KP....391.....+.000...

PVC Water Pipe: ..No.....

Optical Cable:.....No.....

Bituminous:.....30.....mm

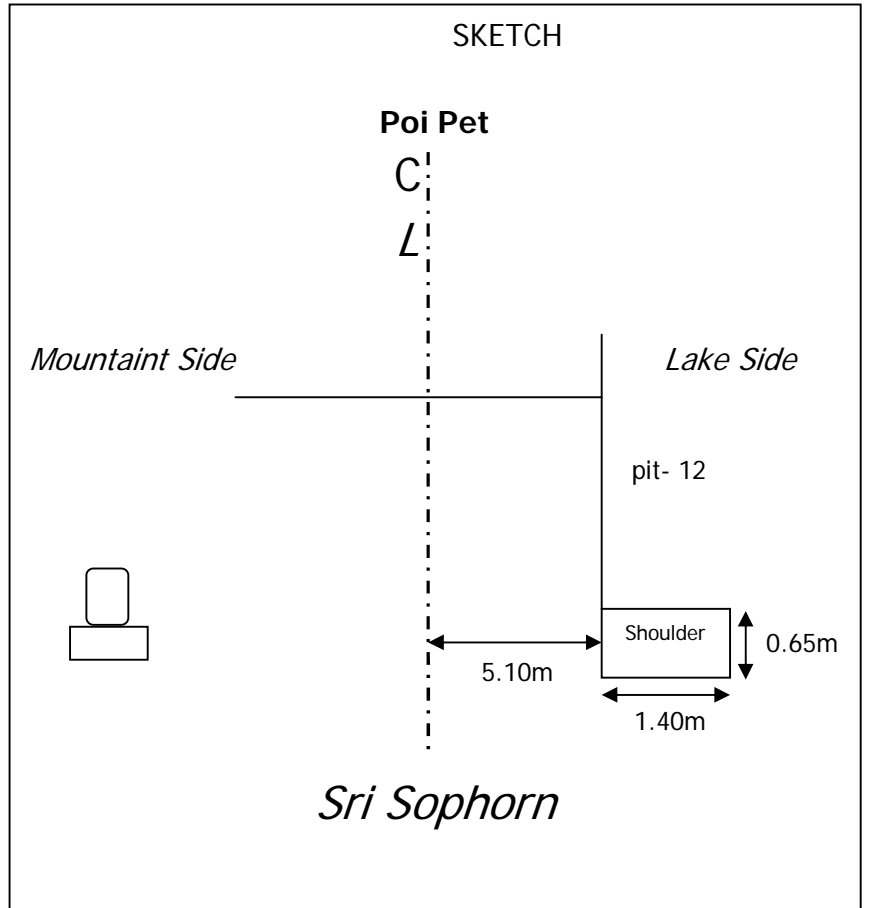
Base Course:.....430.....mm

Sub-Base Course:.....No...





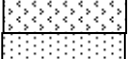
Sub-Grade:.....400.....mm

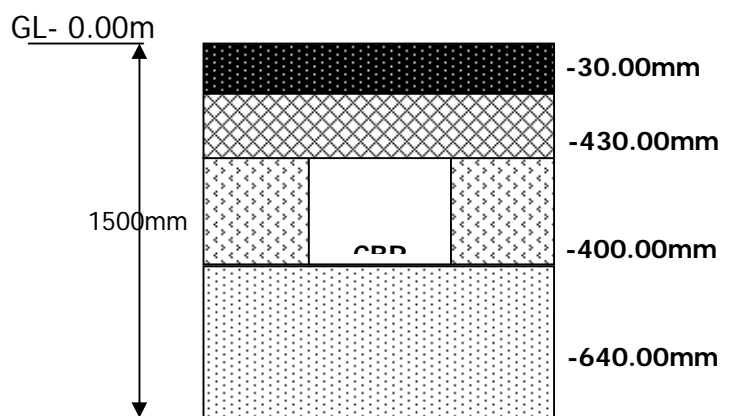
Embankment:.....640.....mm

N: 1507031, E: 0251053



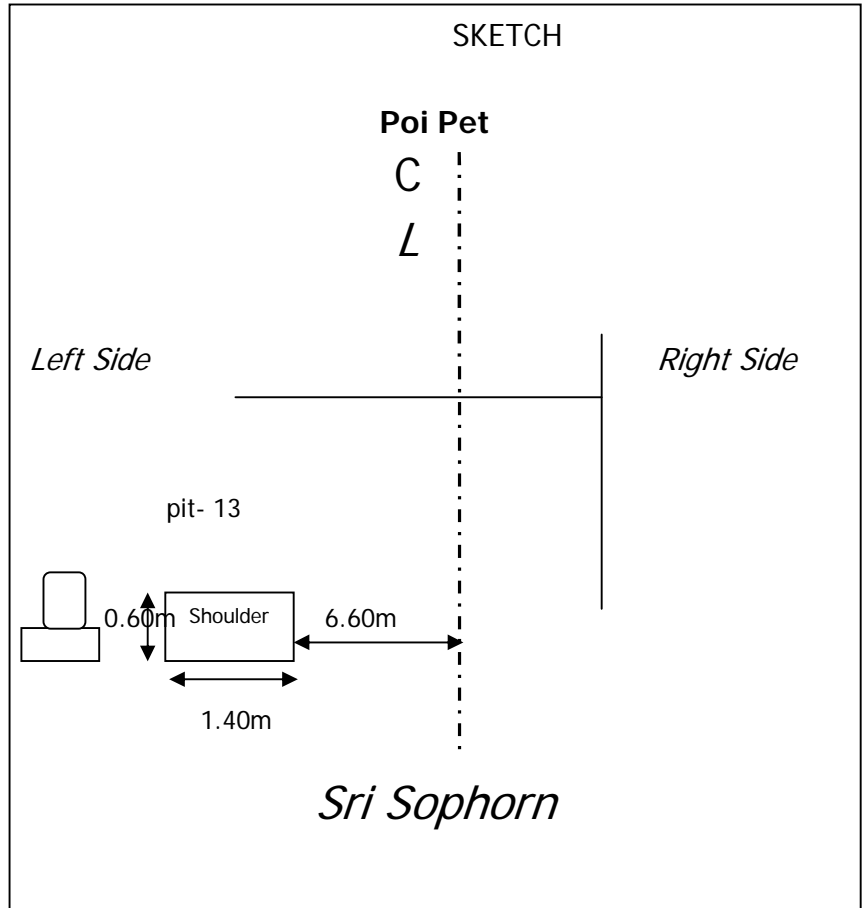
Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment








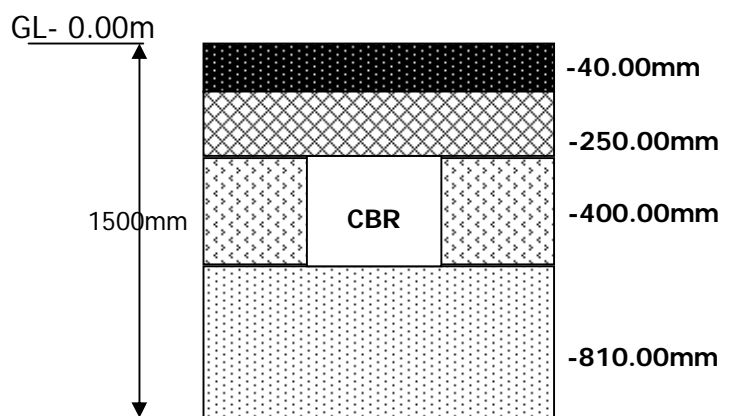
Field Test Record

Date: ...03../...08../..2013..
 Work Item: Digging Hole
 Trial Pit No.....13.....
 Location : KP....393....+..000...
 PVC Water Pipe: ..No....
 Optical Cable:.....No.....
 Bituminous:.....40.....mm
 Base Course:.....250.....mm
 Sub-Base Course:.....No....
 Sub-Grade:.....400.....mm
 Embankment:.....810.....mm
 N: 1507438, E: 0249084



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment



Field Test Record

Date:04../....08...../..2013..

Work Item: Digging Hole

Trial Pit No.....14.....

Location : KP....401....+...000...

PVC Water Pipe: ..No.....

Optical Cable:.....No.....

Bituminous:.....35.....mm

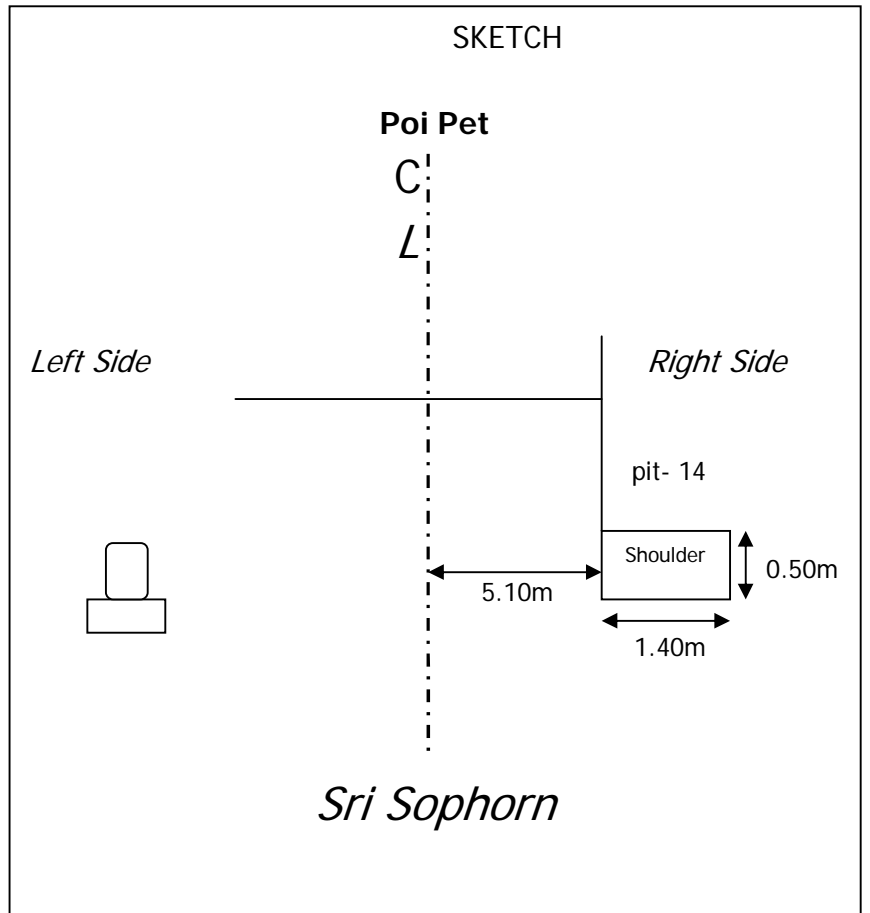
Base Course:.....430.....mm

Sub-Base Course:.....No.....





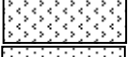
Sub-Grade:.....150.....mm

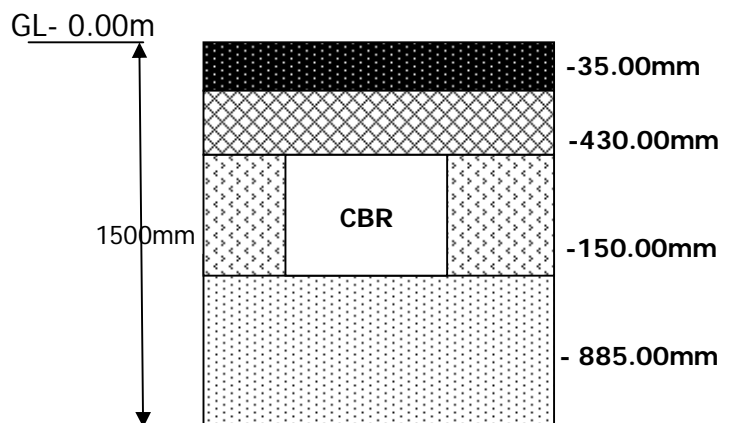
Embankment:.....885.....mm

N: 1508186, E: 0241137



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment

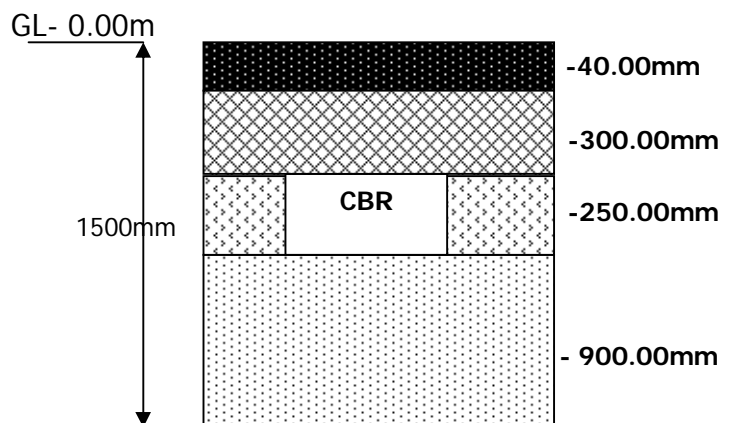


Field Test Record

<p>Date: ...04../...08...../.2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....15.....</p> <p>Location : KP....399.....+...0.00...</p> <p>PVC Water Pipe: ..No.....</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....40.....mm</p> <p>Base Course:.....300.....mm</p> <p>Sub-Base Course:.....No.....</p> <p>Sub-Grade:.....250.....mm</p> <p>Embankment:.....900.....mm</p> <p>N: 1507878, E: 0243111</p>	<p style="text-align: center;">SKETCH</p> <div style="text-align: center;"> <p>Poi Pet</p> <p>C</p> <p>L</p> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <i>Left Side</i> <i>Right Side</i> </div>
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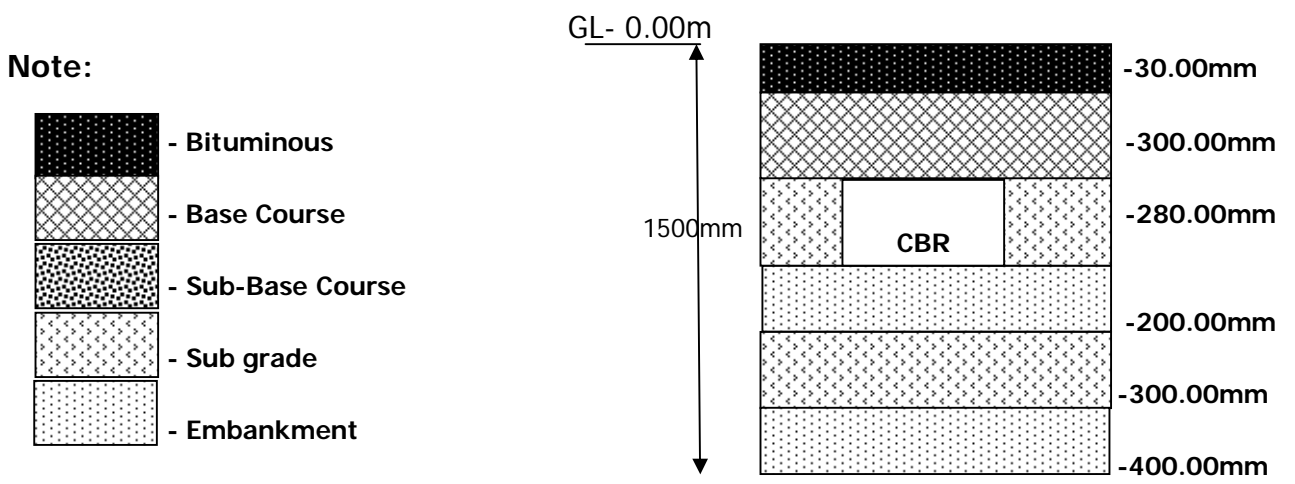
Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

<p>Date: ...04../...08...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....16.....</p> <p>Location : KP....397.....+...000...</p> <p>PVC Water Pipe: ..No.....</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....30.....mm</p> <p>Base Course:.....300.....mm</p> <p>Sub-Base Course:.....No.....</p> <p>Sub-Grade:.....280.....mm</p> <p>Embankment:.....200.....mm</p> <p>N: 1507708, E: 0245105</p>	<p style="text-align: center;">SKETCH</p> <p style="text-align: center;">Poi Pet</p> <p style="text-align: center;">C L</p> <div style="display: flex; justify-content: space-between;"> <i>Left Side</i> <i>Right Side</i> </div> <p style="text-align: center;"><i>Sri Sophorn</i></p>
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Field Test Record

Date:04../....08...../..2013..

Work Item: Digging Hole

Trial Pit No.....17.....

Location : KP....395.....+...000...

PVC Water Pipe: ..No.....

Optical Cable:.....No.....

Bituminous:.....35.....mm

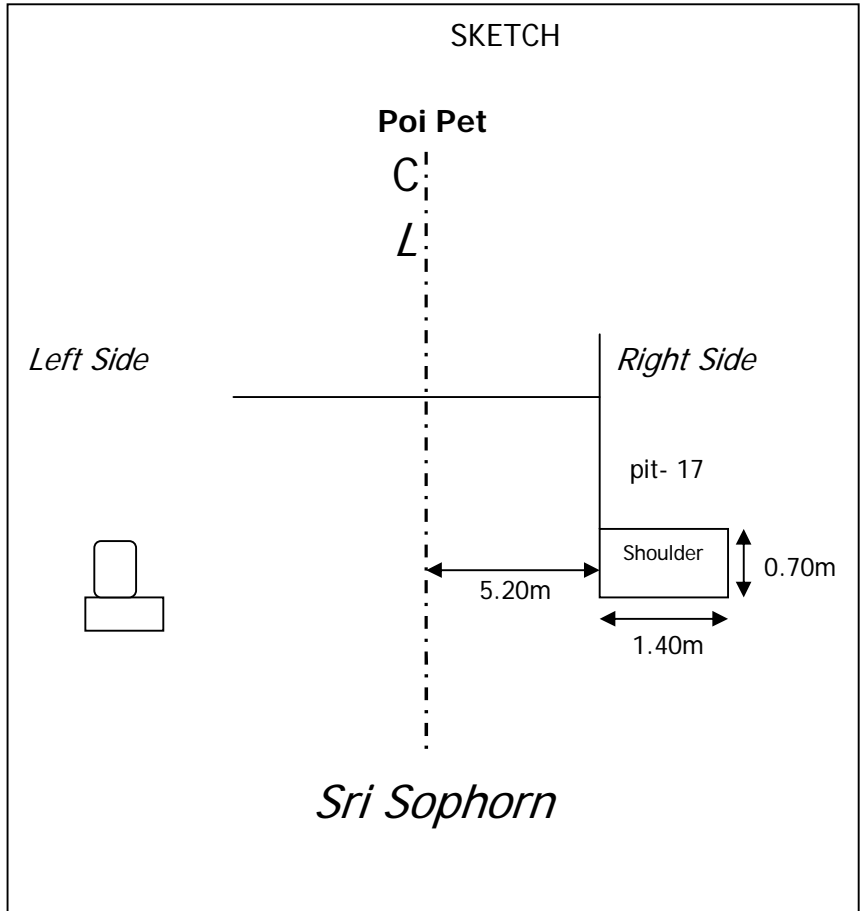
Base Course:.....300.....mm

Sub-Base Course:.....No...






Sub-Grade:.....250.....mm

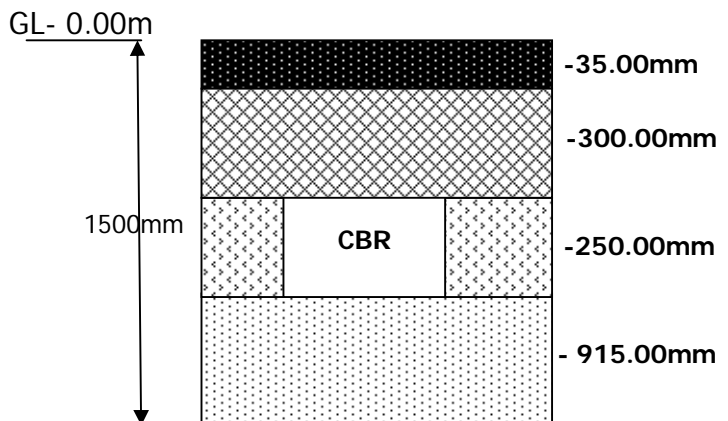
Embankment:.....915.....mm

N: 1507621, E: 0247104



Note:

-  - Bituminous
-  - Base Course
-  - Sub-Base Course
-  - Sub grade
-  - Embankment

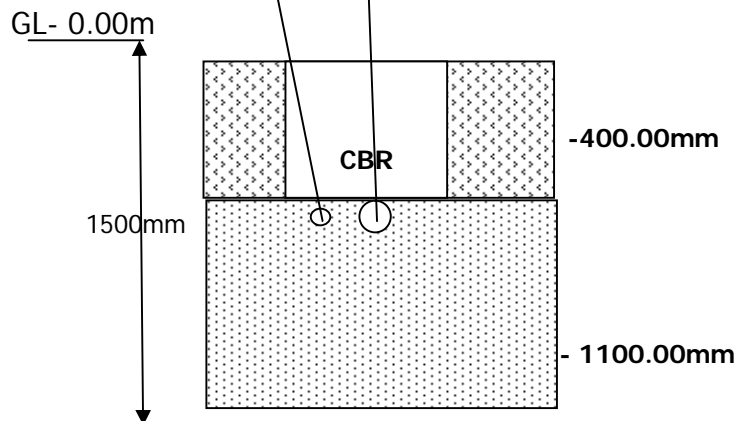


Field Test Record

<p>Date:04../....08...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....18.....</p> <p>Location : KP....403.....+...000...</p> <p>HDPE Water Pipe: ..ø63mm and ø163mm</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....No</p> <p>Base Course:.....No.....</p> <p>Sub-Base Course:.....No</p> <p>Sub-Grade:.....400.....mm</p> <p>Embankment:....1100.....mm</p> <p>N: 1508719, E: 0239194</p>	<p style="text-align: center;">SKETCH</p> <div style="text-align: center;"> <p>Poi Pet</p> <p>C</p> <p>L</p> </div>
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Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment

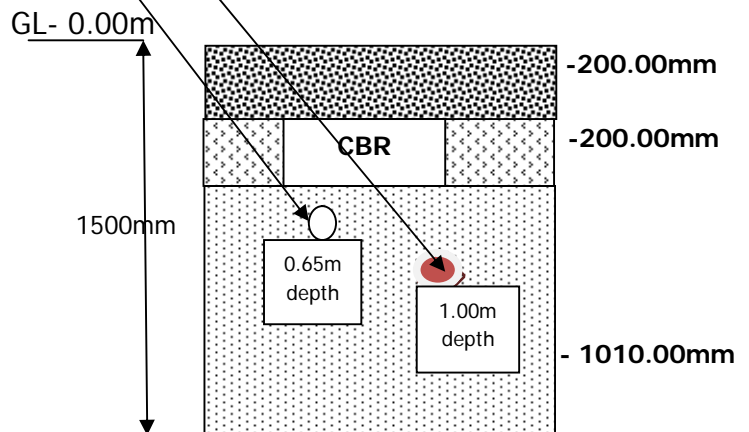


Field Test Record

<p>Date: ...05../...08...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....19.....</p> <p>Location : KP...405....+...000...</p> <p>HDPE Water Pipe: ϕ163..mm</p> <p>Optical Cable:.....ϕ80mm.....</p> <p>Bituminous:.....No...</p> <p>Base Course:.....No.....</p> <p>Sub-Base Course:.....200.....mm</p> <p>Sub-Grade:.....200.....mm</p> <p>Embankment:.....1010.....mm</p> <p>N: 1509790, E: 0237523</p>	<p style="text-align: center;">SKETCH</p> <p style="text-align: center;">Poi Pet</p> <p style="text-align: center;">C L</p> <div style="display: flex; justify-content: space-between;"> Left Side Right Side </div> <p style="text-align: center;"><i>Sri Sophorn</i></p>
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Note:

- Bituminous
- Base Course
- Sub-Base Course
- Sub grade
- Embankment



Field Test Record

<p>Date: ...05../...08...../..2013..</p> <p>Work Item: Digging Hole</p> <p>Trial Pit No.....20.....</p> <p>Location : KP...407.....+...008m...</p> <p>PVC Water Pipe: ..Ø115..mm</p> <p>Optical Cable:.....No.....</p> <p>Bituminous:.....No....</p> <p>Base Course:.....No.....</p> <p>Sub-Base Course:.....No...</p> <p>Sub-Grade:.....No....</p> <p>Embankment:.....1400.....mm</p> <p>N: 1510973, E: 0235917</p>	<p style="text-align: center;">SKETCH</p> <p style="text-align: center;">Poi Pet</p> <p style="text-align: center;">C L</p> <p style="text-align: center;"><i>Left Side</i> <i>Side Side</i></p> <p style="text-align: right;">pit- 20</p> <p style="text-align: right;">houlder</p> <p style="text-align: right;">0.650m</p> <p style="text-align: right;">11.00m</p> <p style="text-align: right;">11.15m</p> <p style="text-align: right;">1.50m</p> <p style="text-align: center;"><i>Sri Sophorn</i></p>
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Note:

	- Bituminous
	- Base Course
	- Sub-Base Course
	- Sub grade
	- Embankment

GL- 0.00m

Concrete -10.00mm

0.16m depth

CBR

1500mm

-1400.00mm

APPENDIX 6-7

SUMMARY OF CBR TESTS FOR THE MIDDLE SECTION

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		1	2	3	4	5
PK, (km)		171 + 35M	173 + 000	175 + 000	177 + 005M	179 + 000
Thickness (mm)	Bituminous Material	25	20	20	15	15
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Grade	800	650	650	700	700
Laboratory Test	CBR at 95%	6.20	9.90	8.40	5.00	9.70
	OMC, (%)	7.30	6.10	8.30	7.70	8.30
	MDD, (g/cc)	2.162	2.182	2.125	2.148	2.14
	Soil Classification	A6	A4	A6	A7	A6
	Clay+Silt (%)	42.86	40.49	66.65	35.71	39.58
	Sand, (%)	40.64	45.08	31.16	44.86	40.17
	Gravel, (%)	16.51	14.43	2.19	19.42	20.25
	Specific Gravity	2.685	2.662	2.569	2.818	2.690
	Liquid Limit, (%)	24.2	32.60	30.20	27.30	32.30
	Plasticity Index, (%)	12.01	15.7	18.02	15.15	18.67
Moisture Content, (%)	5.78	3.45	11.51	9.64	8.99	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		6	7	8	9	10
PK, (km)		181 +004M	183 + 000	185 +000	187 + 010M	189 + 000
Thickness (mm)	Bituminous Material	20	20	20	20	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Grade	700	700	700	600	700
Laboratory Test	CBR at 95%	4.00	3.80	9.00	2.20	7.70
	OMC, (%)	8.30	8.60	7.40	7.40	9.40
	MDD, (g/cc)	2.158	2.108	2.140	2.135	2.095
	Soil Classification	A6	A7	A4	A7	A6
	Clay+Silt (%)	38.16	49.09	33.07	38.61	35.53
	Sand, (%)	51.31	47.54	48.72	50.03	35.92
	Gravel, (%)	10.53	3.37	18.21	11.36	28.55
	Specific Gravity	2.637	2.618	2.687	2.644	2.784
	Liquid Limit, (%)	34.40	18.70	25.40	25.60	33.70
	Plastisity Index, (%)	23.01	8.67	13.10	12.89	15.8
Moisture Content, (%)	9.66	8.32	4.90	7.97	8.13	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		11	12	13	14	15
PK, (km)		191 + 002	193 - 008M	195 - 005M	197 + 004M	199 + 000
Thickness (mm)	Bituminous Material	20	20	20	20	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	0.00	180	230	330	300
	Sub-Grade	600	500	400	600	400
Laboratory Test	CBR at 95%	9.40	0.60	2.01	6.10	3.35
	OMC, (%)	9.20	6.75	8.56	8.50	9.25
	MDD, (g/cc)	2.135	2.184	2.114	2.057	2.02
	Soil Classification	A4	A7	A7	A6	A7
	Clay+Silt (%)	50.25	34.99	28.85	45.56	51.43
	Sand, (%)	33.15	43.3	30.48	32.49	28.93
	Gravel, (%)	16.60	21.7	40.68	21.95	19.64
	Specific Gravity	2.644	2.741	2.829	2.753	2.708
	Liquid Limit, (%)	30.60	18.70	36.40	34.60	32.60
	Plasticity Index, (%)	17.99	7.15	19.63	21.28	19.69
Moisture Content, (%)	9.81	3.91	10.51	12.20	12.46	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		16	17	18	19	20
PK, (km)		201 + 003M	203 + 007M	205 + 002M	207 + 000	209 + 000
Thickness (mm)	Bituminous Material	20	20	20	20	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	250	300	200	250	200
	Sub-Grade	500	400	400	500	400
Laboratory Test	CBR at 95%	3.25	2.30	2.70	7.10	5.90
	OMC, (%)	9.50	8.90	7.90	8.20	8.20
	MDD, (g/cc)	2.180	2.057	2.160	2.145	2.110
	Soil Classification	A7	A7	A7	A7	A7
	Clay+Silt (%)	31.99	56.37	43.87	44.32	51.97
	Sand, (%)	34.75	23.6	28.46	33.21	30.68
	Gravel, (%)	33.26	20.01	27.67	22.47	17.35
	Specific Gravity	2.846	2.675	2.816	2.781	2.722
	Liquid Limit, (%)	32.00	35.80	33.00	34.60	30.80
	Plasticity Index, (%)	19.04	18.57	19.06	21.11	12.63
Moisture Content, (%)	8.29	10.64	10.95	10.89	11.45	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		21	22	23	24	25
PK, (km)		211 + 000	213+ 016M	215+ 000	217 + 000	219 + 000
Thickness (mm)	Bituminous Material	20	15	20	20	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	200	300	180	0.00	300
	Sub-Grade	500	500	400	500	400
Laboratory Test	CBR at 95%	1.65	5.00	2.05	3.50	1.00
	OMC, (%)	8.20	9.30	8.30	9.40	8.60
	MDD, (g/cc)	2.100	2.049	2.117	2.098	2.049
	Soil Classification	A7	A7	A7	A7	A7
	Clay+Silt (%)	46.52	34.59	43.70	45.65	72.65
	Sand, (%)	34.08	27.4	29.87	25.98	19.08
	Gravel, (%)	19.40	38.01	26.43	28.37	8.27
	Specific Gravity	2.715	2.684	2.734	2.760	2.680
	Liquid Limit, (%)	19.80	27.90	32.60	39.20	32.40
	Plasticity Index, (%)	6.36	14.48	16.07	23.21	19.63
Moisture Content, (%)	12.85	8.09	11.07	9.89	8.39	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		26	27	28	29	30
PK, (km)		221 + 000	223 + 000	225 - 008M	227 - 003M	229 + 000
Thickness (mm)	Bituminous Material	10	25	20	20	20
	Base Course	0.00	0.00	250	0.00	0.00
	Sub-Base Course	180	200	0.00	250	0.00
	Sub-Grade	600	400	700	600	700
Laboratory Test	CBR at 95%	4.20	2.76	11.20	2.80	6.80
	OMC, (%)	8.60	8.20	7.80	9.00	7.90
	MDD, (g/cc)	2.114	2.175	2.165	2.132	2.180
	Soil Classification	A7	A7	A6	A7	A7
	Clay+Silt (%)	38.80	33.48	27.07	40.21	44.48
	Sand, (%)	38.19	32.74	29.10	35.32	34.49
	Gravel, (%)	23.01	33.78	43.83	24.48	21.03
	Specific Gravity	2.708	2.800	2.773	2.679	2.707
	Liquid Limit, (%)	27.00	31.00	27.10	21.20	27.30
	Plasticity Index, (%)	15.09	19.27	13.25	7.53	14.91
Moisture Content, (%)	9.95	10.99	7.43	6.51	4.40	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		31	32	33	34	35
PK, (km)		231 + 004M	233 + 000	235 + 000	237 + 000	239 + 000
Thickness (mm)	Bituminous Material	20	20	20	25	25
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	150	0.00	0.00	0.00	0.00
	Sub-Grade	500	600	800	600	700
Laboratory Test	CBR at 95%	2.58	1.65	7.500	6.35	3.55
	OMC, (%)	9.20	9.78	8.00	8.20	8.65
	MDD, (g/cc)	2.010	2.045	2.115	2.100	2.051
	Soil Classification	A7	A7	A6	A7	A7
	Clay+Silt (%)	40.25	41.75	40.50	39.83	42.24
	Sand, (%)	39.89	32.27	31.72	33.06	37.99
	Gravel, (%)	19.86	25.97	27.78	27.11	19.77
	Specific Gravity	2.576	2.717	2.788	2.742	2.656
	Liquid Limit, (%)	29.10	38.00	26.20	23.20	34.30
	Plasticity Index, (%)	16.48	23.34	13.51	9.91	16.63
Moisture Content, (%)	10.71	11.46	5.50	7.01	7.72	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		36	37	38	39	40
PK, (km)		241 + 011M	243 + 000	245 + 008M	247 -007M	249 + 000
Thickness (mm)	Bituminous Material	20	20	20	20	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	0.00	200	200	0.00	0.00
	Sub-Grade	1200	500	500	850	800
Laboratory Test	CBR at 95%	6.60	5.03	13.20	0.47	4.30
	OMC, (%)	7.76	9.40	7.90	7.25	8.80
	MDD, (g/cc)	2.082	2.022	2.060	2.113	2.087
	Soil Classification	A7	A6	A6	A7	A7
	Clay+Silt (%)	35.76	38.30	48.01	35.83	41.00
	Sand, (%)	33.94	33.02	37.09	27.27	36.01
	Gravel, (%)	30.30	28.68	14.90	36.89	22.99
	Specific Gravity	2.654	2.754	2.621	2.691	2.649
	Liquid Limit, (%)	27.40	61.00	30.80	33.00	27.40
	Plasticity Index, (%)	14.85	48.35	18.03	21.09	11.65
Moisture Content, (%)	5.40	8.33	12.38	11.48	13.20	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		41	42	43	44	45
PK, (km)		251 + 000	253 + 000	255 + 000	257 + 000	259 + 000
Thickness (mm)	Bituminous Material	20	25	20	20	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	0.00	200	200	250	0.00
	Sub-Grade	700	500	600	450	850
Laboratory Test	CBR at 95%	1.60	2.80	4.50	5.95	7.30
	OMC, (%)	8.50	9.90	7.70	6.77	6.70
	MDD, (g/cc)	2.157	1.995	2.160	2.135	2.150
	Soil Classification	A7	A7	A7	A6	A6
	Clay+Silt (%)	45.15	47.55	36.85	42.15	43.25
	Sand, (%)	26.23	27.11	26.31	40.84	36.65
	Gravel, (%)	28.62	25.34	36.84	17.01	20.10
	Specific Gravity	2.741	2.657	2.662	2.699	2.750
	Liquid Limit, (%)	27.80	30.60	30.60	24.80	25.10
	Plasticity Index, (%)	9.68	20.04	18.13	10.45	10.26
Moisture Content, (%)	4.83	12.38	10.67	8.78	6.87	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		46	47	48	49	50
PK, (km)		261 -008M	263 + 000	265 +000	267 + 008M	269 + 000
Thickness (mm)	Bituminous Material	20	30	20	20	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	200	200	200	200	200
	Sub-Grade	400	600	450	300	600
Laboratory Test	CBR at 95%	6.10	11.90	7.20	5.00	6.40
	OMC, (%)	10.75	8.50	10.55	8.10	11.40
	MDD, (g/cc)	2.009	2.081	1.991	2.170	1.983
	Soil Classification	A7	A4	A7	A7	A7
	Clay+Silt (%)	58.63	53.85	53.18	19.16	60.93
	Sand, (%)	27.83	31.66	25.49	57.44	26.59
	Gravel, (%)	13.53	14.48	21.33	23.40	12.48
	Specific Gravity	2.563	2.605	2.593	2.702	2.607
	Liquid Limit, (%)	33.00	32.50	37.30	33.00	41.00
	Plastisity Index, (%)	19.77	17.13	13.31	17.20	26.60
Moisture Content, (%)	11.32	11.44	13.02	11.29	13.90	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		51	52	53	54	55
PK, (km)		271 + 008M	273 + 000	275 + 012M	277 + 000	279 + 000
Thickness (mm)	Bituminous Material	25	20	20	25	20
	Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Base Course	200	180	0.00	0.00	0.00
	Sub-Grade	400	400	1000	600	600
Laboratory Test	CBR at 95%	2.56	0.80	3.10	7.65	2.51
	OMC, (%)	8.30	8.55	8.50	8.00	11.75
	MDD, (g/cc)	2.158	1.891	1.937	2.048	1.875
	Soil Classification	A7	A7	A7	A7	A7
	Clay+Silt (%)	54.04	39.54	33.80	46.35	40.42
	Sand, (%)	29.33	29.10	31.10	30.80	32.89
	Gravel, (%)	16.63	31.36	35.10	22.85	26.69
	Specific Gravity	2.576	2.556	2.608	2.632	2.582
	Liquid Limit, (%)	35.00	36.00	33.20	32.00	29.10
	Plasticity Index, (%)	21.38	23.23	21.35	19.03	12.99
Moisture Content, (%)	15.73	19.50	15.76	7.44	10.68	

Preparatory Survey for National Road No.5 Improvement

Soil Investigation Data

Pit & CBR-No.		56	57			
PK, (km)		281 + 000	283 + 000			
Thickness (mm)	Bituminous Material	20	20			
	Base Course	0.00	0.00			
	Sub-Base Course	0.00	200			
	Sub-Grade	700	500			
Laboratory Test	CBR at 95%	1.30	1.40			
	OMC, (%)	9.10	9.90			
	MDD, (g/cc)	2.014	1.927			
	Soil Classification	A7	A7			
	Clay+Silt (%)	34.43	45.32			
	Sand, (%)	32.59	29.04			
	Gravel, (%)	32.98	25.63			
	Specific Gravity	2.611	2.621			
	Liquid Limit, (%)	34.20	44.20			
	Plasticity Index, (%)	21.12	28.48			
Moisture Content, (%)	11.06	14.04				

APPENDIX 6-8

SUMMARY OF CBR TESTS

FOR THE SRI SOPHORN–POIPET SECTION

Preparatory Survey for National Road No.5 Improvement Project between SRI SOPHORN AND POIPET

Soil Investigation Data

CBR-No.		1	2	3	4	5
PK, km		367+0.00	369+0.00	371+0.00	373+0.00	375+0.00
Thickness (mm)	Bituminous Material	40	35	40	30	30
	Base Course	0.00	400	300	300	300
	Sub-Base Course	300	0.00	0.00	0.00	0.00
	Sub-Grade	300	400	300	300	250
Laboratory Test	CBR at 95%	4.25	1.98	1.80	0.95	1.92
	OMC, (%)	10.75	10.45	10.60	11.60	10.50
	MDD, (g/cc)	1.910	1.975	1.952	1.920	1.925
	Soil Classification	A6	A6	A6	A6	A6
	Clay+Silt (%)	39.01	49.43	34.91	43.29	58.86
	Sand, (%)	48.20	43.73	44.26	46.01	38.81
	Gravel, (%)	12.78	6.83	20.83	10.69	2.33
	Specific Gravity	2.686	2.639	2.637	2.554	2.573
	Liquid Limit, (%)	36.30	38.20	43.90	43.00	36.10
	Plastisity Index, (%)	14.49	16.59	16.97	16.26	15.31
	Moisture Content, (%)	18.16	15.71	9.01	12.87	15.29

Preparatory Survey for National Road No.5 Improvement Project between SRI SOPHORN AND POIPET

Soil Investigation Data

CBR-No.		6	7	8	9	10
PK, km		377+0.00	379+0.00	381+010M	385+0.00	387+007.40M
Thickness (mm)	Bituminous Material	50	40	40	40	40
	Base Course	320	300	300	400	360
	Sub-Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Grade	250	250	250	180	250
Laboratory Test	CBR at 95%	1.45	3.44	3.40	1.55	0.52
	OMC, (%)	11.25	9.75	11.70	7.75	8.90
	MDD, (g/cc)	1.910	1.975	1.915	2.120	2.035
	Soil Classification	A6	A5	A6	A6	A7
	Clay+Silt (%)	43.50	39.17	40.05	55.05	44.52
	Sand, (%)	41.63	42.02	42.19	33.01	30.93
	Gravel, (%)	14.87	18.81	17.76	11.94	24.55
	Specific Gravity	2.662	2.567	2.688	2.650	2.676
	Liquid Limit, (%)	60.20	57.90	40.60	37.40	29.10
	Plastisity Index, (%)	12.71	17.35	14.10	11.98	12.05
	Moisture Content, (%)	13.04	15.93	13.28	13.38	12.50

A6-206

Preparatory Survey for National Road No.5 Improvement Project between SRI SOPHORN AND POIPET

Soil Investigation Data

CBR-No.		11	12	13	14	15
PK, km		389+0.00	391+004M	393+0.00	401+0.00	399+0.00
Thickness (mm)	Bituminous Material	30	30	40	35	40
	Base Course	440	430	250	430	300
	Sub-Base Course	0.00	0.00	0.00	0.00	0.00
	Sub-Grade	300	400	400	150	250
Laboratory Test	CBR at 95%	1.92	1.18	0.88	2.98	2.18
	OMC, (%)	9.25	9.40	10.50	7.75	7.90
	MDD, (g/cc)	2.060	2.040	1.955	2.105	2.090
	Soil Classification	A6	A6	A5	A6	A6
	Clay+Silt (%)	34.11	64.43	54.12	44.94	32.12
	Sand, (%)	30.83	21.51	26.17	35.37	28.68
	Gravel, (%)	35.06	14.06	19.71	19.69	39.19
	Specific Gravity	2.682	2.693	2.735	2.681	2.803
	Liquid Limit, (%)	41.40	42.00	46.80	38.80	34.20
	Plastisity Index, (%)	13.38	15.16	13.47	12.05	17.01
	Moisture Content, (%)	12.03	10.79	15.15	12.46	12.40

Preparatory Survey for National Road No.5 Improvement Project between SRI SOPHORN AND POIPET

Soil Investigation Data

CBR-No.		16	17	18	19	20
PK, km		397+0.00	395+0.00	403+0.00	405+0.00	407+008M
Thickness (mm)	Concrete Material	30	35	0.00	0.00	10
	Base Course	300	300	0.00	0.00	0.00
	Sub-Base Course	0.00	0.00	0.00	200	0.00
	Sub-Grade	280	250	400	200	0.00
Laboratory Test	CBR at 95%	5.26	1.70	1.50	1.10	1.32
	OMC, (%)	7.75	7.70	11.40	11.50	11.90
	MDD, (g/cc)	2.100	2.090	2.000	1.930	1.894
	Soil Classification	A6	A6	A6	A6	A6
	Clay+Silt (%)	45.25	52.18	36.69	44.80	53.07
	Sand, (%)	42.26	25.47	32.86	50.03	34.74
	Gravel, (%)	12.49	22.35	30.46	5.89	12.19
	Specific Gravity	2.679	2.686	2.724	2.755	2.661
	Liquid Limit, (%)	39.20	38.00	46.80	38.40	58.40
	Plasticity Index, (%)	16.50	13.39	15.71	17.00	12.41
	Moisture Content, (%)	10.82	15.94	17.21	23.57	27.42

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