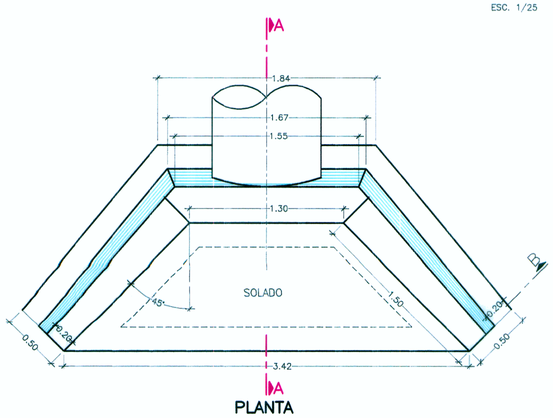
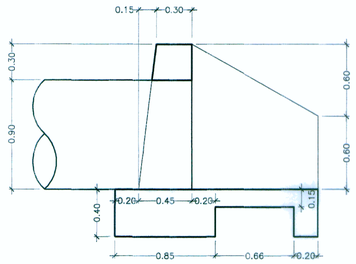
ALCANTARILLA TMCø36"
CABEZAL NORMAL

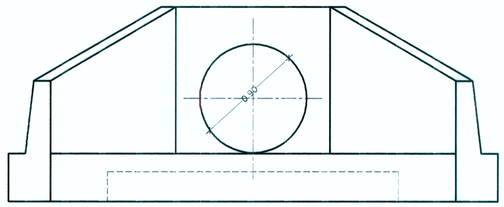
ESC. 1/25



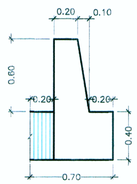
PLANTA



CORTE A – A



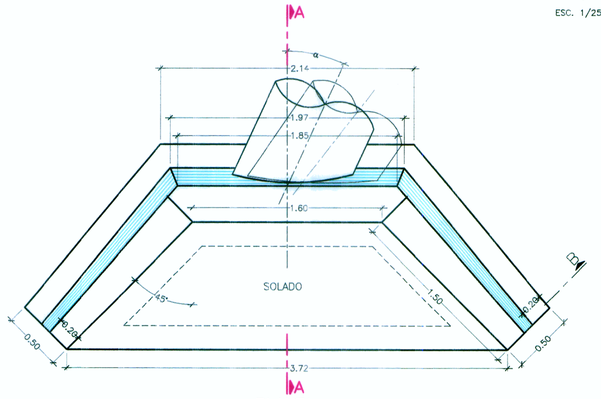
ELEVACION



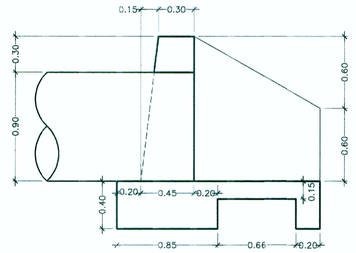
CORTE B – B

ALCANTARILLA TMCø36"
CABEZAL ESPECIAL (ESVIAJAMIENTO>105°)

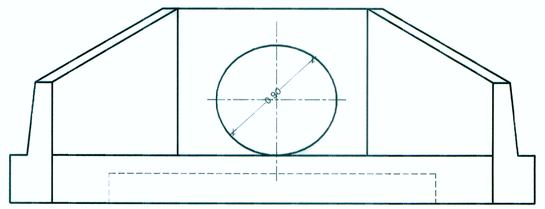
ESC. 1/25



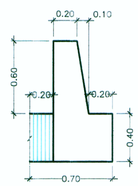
PLANTA



CORTE A – A



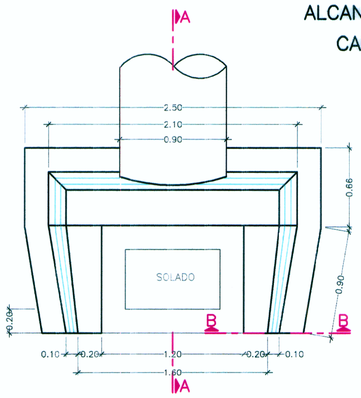
ELEVACION



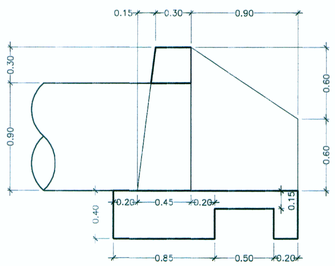
CORTE B–B

ALCANTARILLA TMCø36"
CABEZAL RECTO

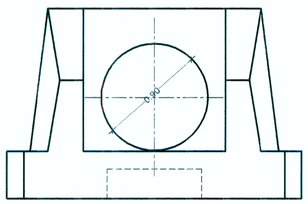
ESC. 1/25



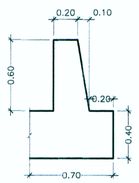
PLANTA



CORTE A – A



ELEVACION



CORTE B – B

ESPECIFICACIONES
–CONCRETO ALCANTARILLA f'c=175kg/cm2

HOB CONSULTORES S.A.
ING. WILMAN BONI VICENTE GUTIERREZ
ESP. HIDROLOGÍA E HIDRAULICA
CIP Nº 97414

HOB CONSULTORES S.A.
ING. JAVIER FRANCISCO TAYPE CARBAJAL
ESP. ESTRUCTURAS Y OBRAS DE ARTE
CIP Nº 52230

HOB CONSULTORES S.A.
ING. CESAR EDISON GUEVARA MELPARTIDA
JEFE DE ESTUDIO
CIP Nº 84324

PERÚ Ministerio de Transportes y Comunicaciones — Provias Nacional

HOB CONSULTORES S.A.
CALLE AGUADA BLANCA N° 102 – LIMA 33 – PERU
TELEFONO 715-8111 FAX: 715-8324
Email: hob@hobsenu.com

Jefe Estudio:	ING. CESAR GUEVARA M.
Especialista:	ING. JAVIER TAYPE CARBAJAL
Revisión:	
Proceso y Ploteo:	M.CHAFLOQUE
Aprobación:	

REVISIONES

Nº	FECHA	DESCRIPCIÓN

ESTUDIO DEFINITIVO PARA EL MEJORAMIENTO DE LA CARRETERA: SAN MARCOS–CAJABAMBA–SAUSACOCHA
TRAMO: SAN MARCOS–CAJABAMBA
CONTRATO N° 008–2011–MTC/20

OBRAS DE ARTE
CABEZAL TMC Ø 36"

FECHA: MAYO 2012

ESCALA FORMATO A1:	ESCALA FORMATO A3:
1/25	1/50

008–11–OD–14