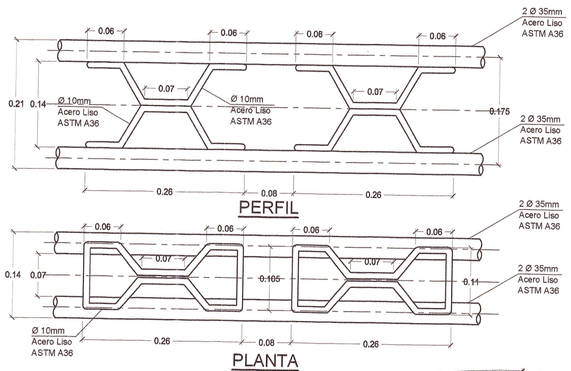
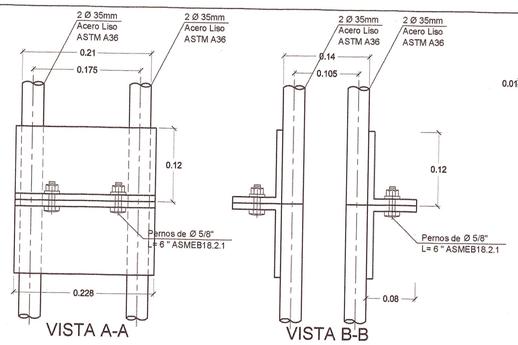
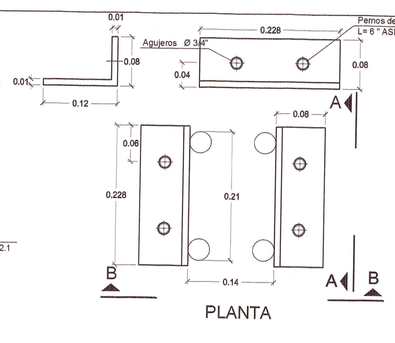
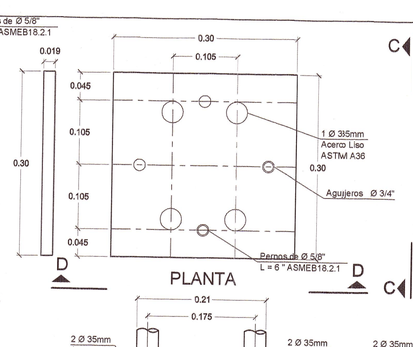


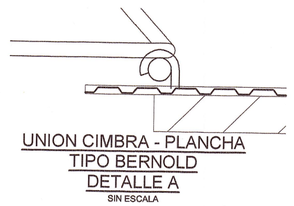



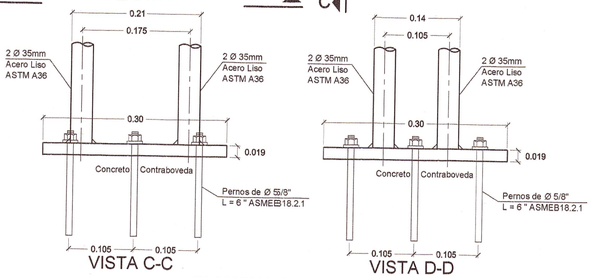




BRIDAS DE UNIÓN PARA LOS CUERPOS DE CELOSIA
Esc: 1/5

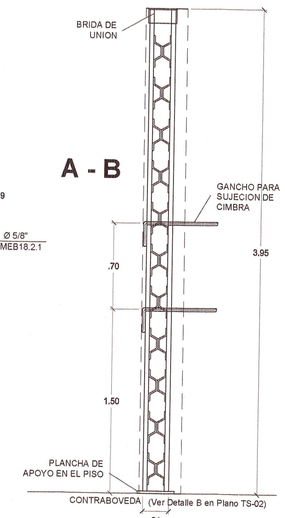
**ESPECIFICACIONES TECNICAS**

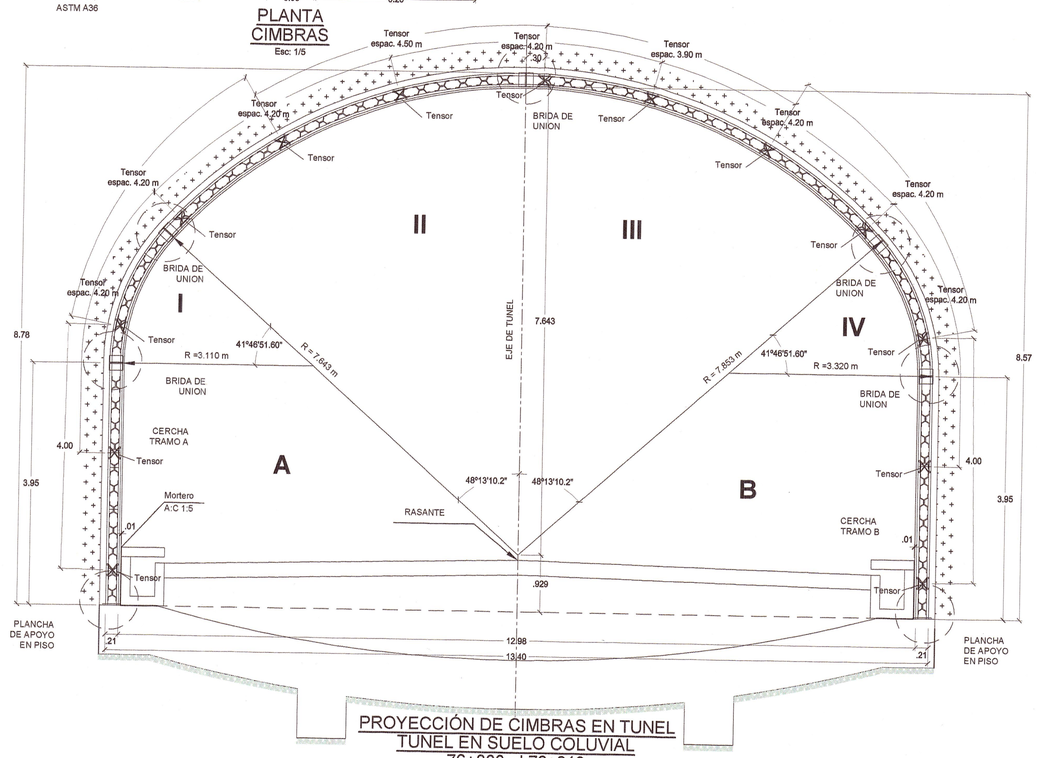
| | |
|---|---|
| TIPO DE BARRA ; | ACERO ESTRUCTURAL LISO ASTM A36 |
| PLACA DE APOYO Y BRIDAS DE UNION : | ACERO A36 |
| PERNOS : | ASMEB18.2.1 |
| SOLDADURA : | ELECTRODO AWS E7018 |



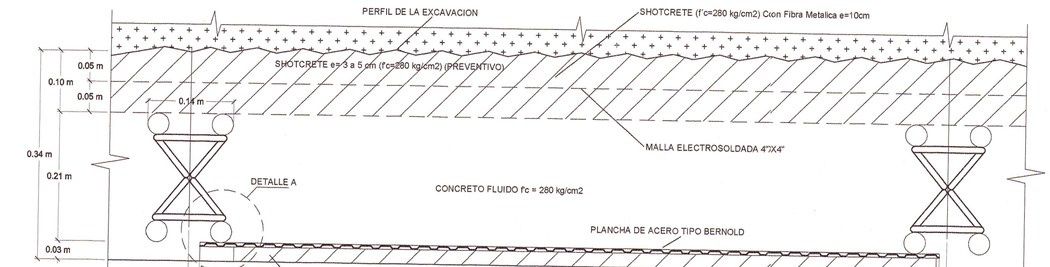




PLANCHA DE APOYO EN CONTRABOVEDA
Esc: 1/5



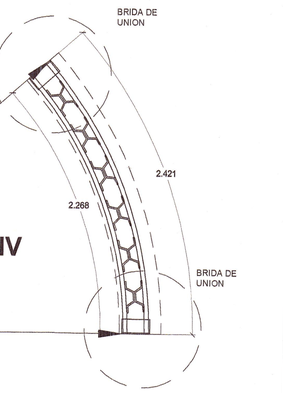



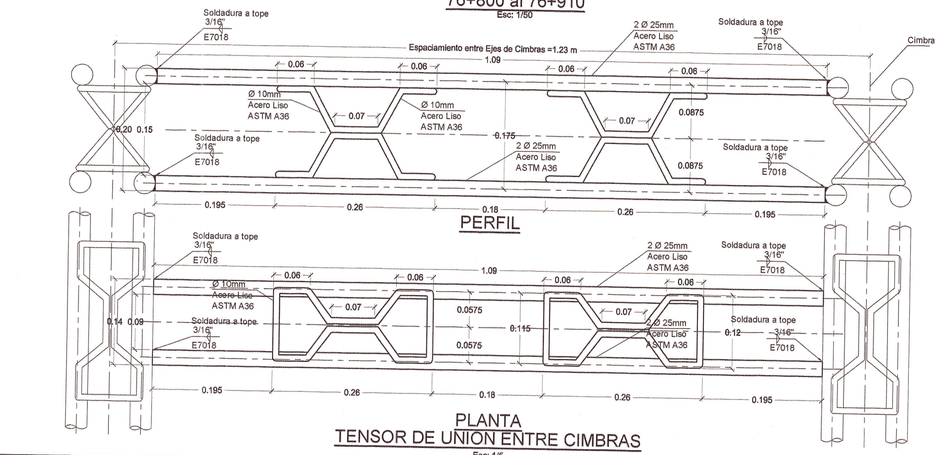

PROYECCIÓN DE CIMBRAS EN TUNEL
TUNEL EN SUELO COLUVIAL
76+800 al 76+910
Esc: 1/50

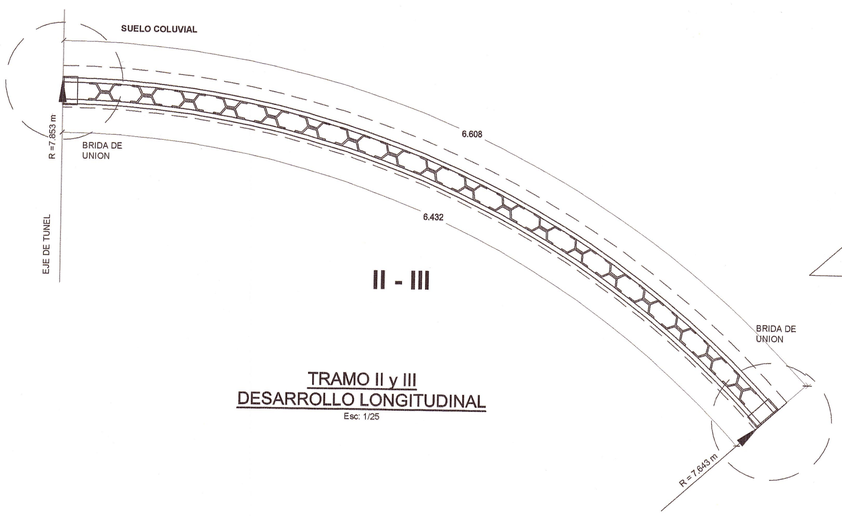


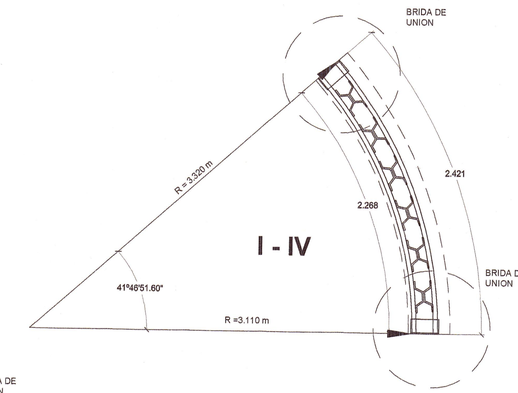

Nota : EL ESPACIAMIENTO ENTRE EJES DE CIMBRAS ES FIJO (1230 mm)

ENSAMBLE DE PLANCHA DE ACERO TIPO BERNOLD
Esc: 1/5




Víctor Sánchez Vidaya
Ingeniero Civil
Reg. CIP 7853

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|---|---|---|---|---|---|---|
| Ministerio de Transportes y Comunicaciones / Provias Nacional | CONSORCIO HIDROENERGIA – INGESONDEX PERU | Jefe Estudio: NERIO ROBLES<br>Especialista: –<br>Revisión:<br>Proceso y Ploteo: J.C.H | Aprobación: | REVISIONES<br>N° FECHA DESCRIPCIÓN | ESTUDIO DEFINITIVO PARA LA CONSTRUCCION DEL TUNEL YANANGO Y ACCESOS | DETALLES CIMBRA TIPO CELOSIA B<br>TUNEL EN SUELO COLUVIAL<br>76+800 al 76+910 | FECHA: FEBRERO 2014<br>ESCALA FORMATO A1: INDICADA<br>TS-04 |