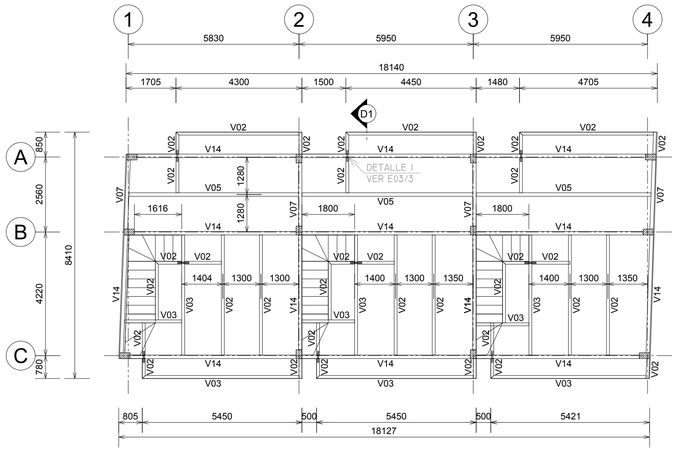
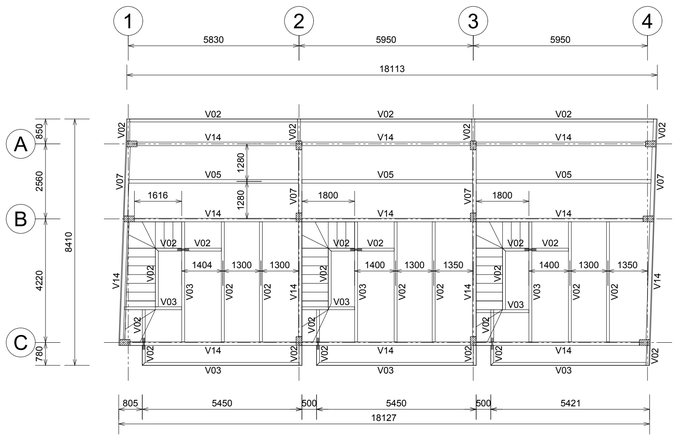


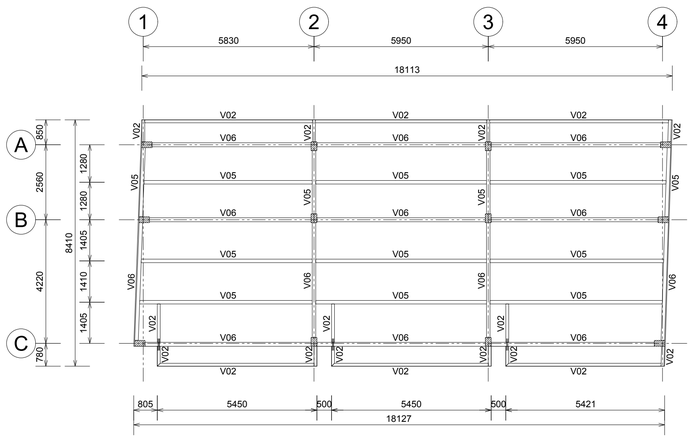
PLANTA DE VIGAS N = + 2.75 NPT = + 2.88

Escala 1:100



PLANTA DE VIGAS N = + 5.63 NPT = + 5.76

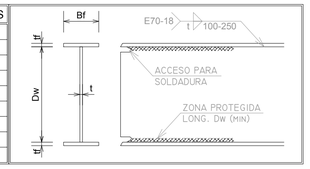
Escala 1:100

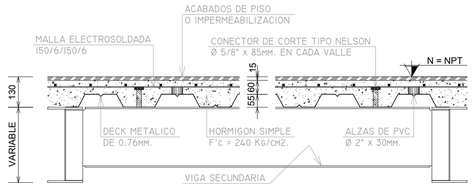


PLANTA DE VIGAS N = + 8.51 NPT = + 8.64

Escala 1:100

NOMENCLATURA DE VIGAS		
VIGA	MARCA	Dw . tw + Bf . tf
V02	160	200x4 + 100x6
V03	161	200x4 + 100x8
V05	162	250x4 + 120x8
V06	163	250x4 + 135x8
V07	164	250x4 + 120x10
V14	165	300x4 + 120x10

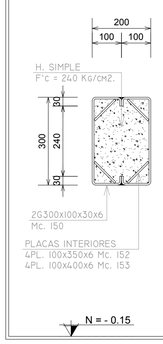
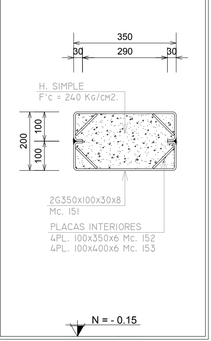


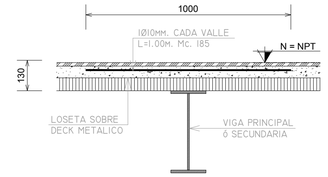


DETALLE SECCION TIPICA DE LOSETA

Escala 1:12.5

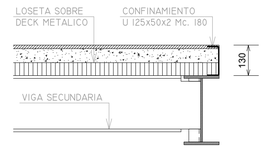
CUADRO DE COLUMNAS

COLUMNAS C1	COLUMNAS C2
2 (A - B - C) 3 (A - B - C)	1 (A - B - C) 4 (A - B - C)
6u	6u
N = + 8.59	N = + 8.59
	
N = - 0.15	N = - 0.15



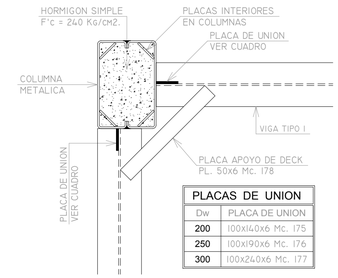
DETALLE ARMADO DE LOSETA SOBRE VIGAS

Escala 1:12.5



DETALLE PERFIL DE CONFINAMIENTO

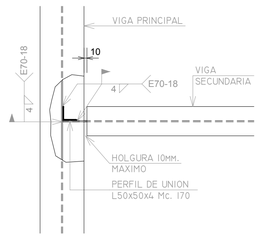
Escala 1:12.5



PLACAS DE UNION	
Dw	PLACA DE UNION
200	100x140x6 Mc. 175
250	100x190x6 Mc. 176
300	100x240x6 Mc. 177

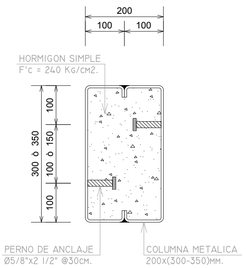
PLANTA UNION VIGA I - COLUMNA

Escala 1:10



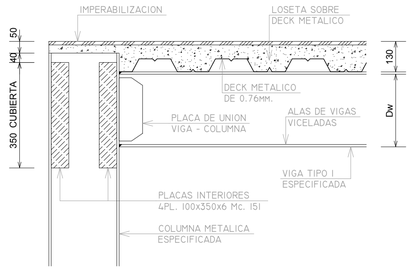
UNION VIGA SECUNDARIA - VIGA PRINCIPAL

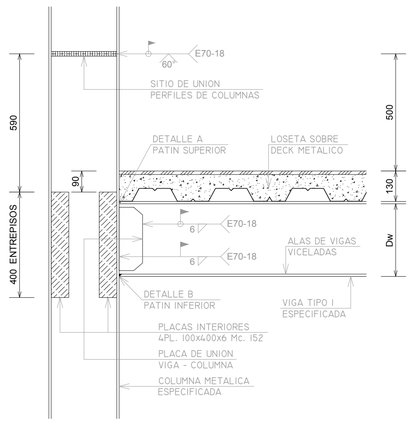
Escala 1:10



DETALLES CONECTORES EN COLUMNAS

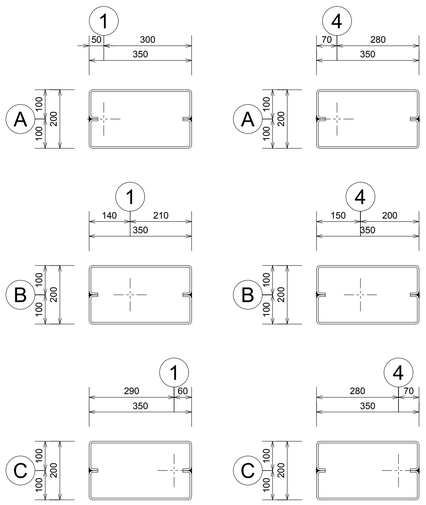
Escala 1:7.5





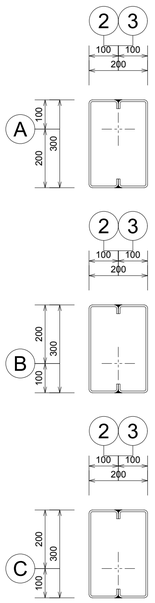
ELEVACION TIPICA UNION VIGA - COLUMNA

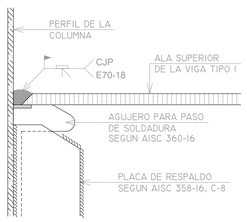
Escala 1:12.5



UBICACION DE EJES EN COLUMNAS

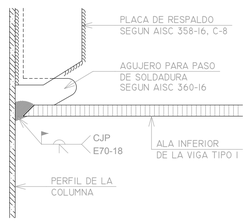
Escala 1:10





DETALLE 1 PATIN SUPERIOR

Escala s/e

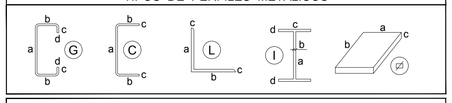


DETALLE 2 PATIN INFERIOR

Escala s/e

RESUMEN DE MATERIALES			
PERFILERIA METALICA:	19874.92 Kg.	HIERRO CORRUGADO:	604.21 Kg.
HORMIGON SIMPLE LOSAS:	36.10 m3.	HORMIGON SIMPLE COLUMNAS:	6.82 m3.
DECK METALICO:	424.80 m2.	MALLA 150/6/150/6 LOSAS:	424.80 m2.

TIPOS DE PERFILES METALICOS



ESPECIFICACIONES TECNICAS ESTRUCTURA METALICA

1.- LIMITE DE FLUENCIA DEL HIERRO REDONDO LISO Fy=2400 Kg/cm2.
2.- PERFILES TIPO L LAMINADOS EN CALIENTE Fy=2530 Kg/cm2.
3.- LOS PERFILES ESTANDAR SON A36 Fy=2530 Kg/cm2.
4.- PERFILES TIPO I CONFORMADOS EN BASE A PLANCHA LAMINADA EN CALIENTE.
5.- TODOS LOS PERFILES METALICOS SON A572G50, FY=3515 Kg/cm2.
6.- LA SOLDADURA CUMPLIRA CON LAS RECOMENDACIONES DE LA NORMA AWS.
7.- LA ESTRUCTURA METALICA DEBERA LLEVAR DOS MANOS DE PINTURA ANTICORROSIVA
8.- CODIGO DE DISEÑO: AISC-360-16

CONJUNTO RESIDENCIAL AMAZONAS DEL VALLE

AUTOR:	PROPIETARIO:
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REGISTRO MUNICIPAL: 3686	UBICACION: PARROQUIA GUAYLLABAMBA
CLAVE CATASTRAL: 14431 13 016	PREDIO: 258567

CONTIENE: PLANTAS DE VIGAS COLUMNAS - CORTES - DETALLES	ESCALAS: INDICADAS FECHA: JUNIO 2021

Se anulan las revisiones anteriores	Revisión: 01	Lámina	02 / 03

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