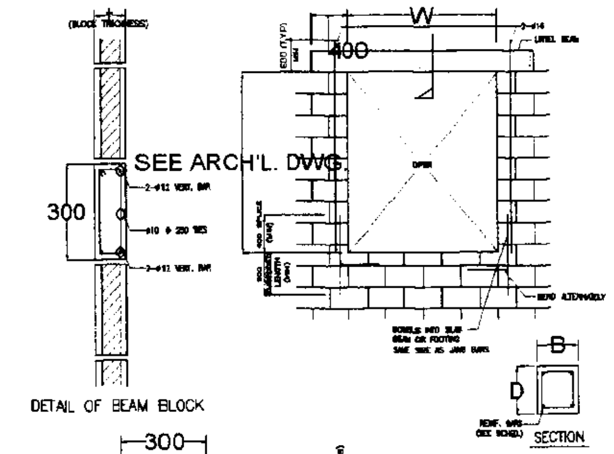
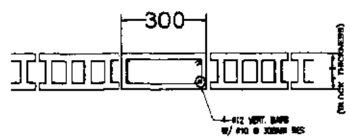
STRUCTURAL NOTES



DETAIL OF BEAM BLOCK



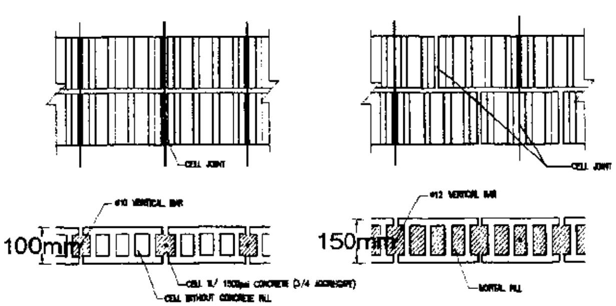
DETAIL OF POST

LINTEL BEAM SCHEDULE

W	B	D	REINF. BARS
2000 OR LESS	"t"	250	4-#12 W/ #10 @ 200 STIRRUPS
3000	"t"	300	4-#16 W/ #10 @ 200 STIRRUPS

NOTE:

a) OMIT BARS FOR OPENING LESS THAN 200 VERT. & HOR.
b) "t" THICKNESS OF WALL



INTERIOR CHB WALL TYP. DETAIL
(FOR 4" CHB)

INTERIOR CHB WALL TYP. DETAIL
(FOR 6" CHB)

NOTE:
THIS PARALLEL LAYOUT IS AN OPTION.
FOR CONVENTIONAL LAYOUT (STAGGERED)
REFER TO S-2 MASONRY BLOCK WALL

(1) CONCRETE MASONRY UNIT

GENERAL NOTES ON STRUCTURAL STEEL

1. ALL MATERIALS SHALL BE CONFORM TO THE FOLLOWING UNLESS OTHERWISE NOTED:

STRUCTURAL STEEL	: ASTM A36 OR APPROVED EQ
STRUCTURAL STEEL PIPE	: ASTM A53 Gr.B,A501 OR APPROVED EQ
HIGH STRENGTH BOLT	: ASTM A325M GRADE A OR APPROVED EQ
ORDINARY STRUCTURAL BOLT	: ASTM A307 TYPE A OR APPROVED EQ
CHECKERED PLATE	: ASTM A36 OR APPROVED EQ
GRATING	: ASTM A36 OR APPROVED EQ
ELECTRODES	: ASTM D1.1 E70XX OR APPROVED EQ

2. HIGH STRENGTH BOLTS

(a) HIGH STRENGTH BOLTS SHALL BE USED IN BEARING TYPE CONNECTIONS. BOLTS SHALL BE SNUG-TIGHT.

(b) FOLLOWING DIMENSIONS SHALL BE APPLIED UNLESS OTHERWISE NOTED.

	M16	M20	M22	M24
BOLT HOLE DIAMETER(MM)	18	22	24	26
STANDARD BOLT PITCH(MM)	50	60	70	80
STANDARD EDGE DISTANCE(MM)	30	35	40	45

3. ORDINARY STRUCTURAL BOLTS

(a) BOLT THREAD AND NUT SHALL BE CONFORM TO ANSI B1.1(1982) AND ANSI B18.2.2 (1983) OR ISO 262.

(b) DIMENSIONS OF BOLT HOLE DIAMETER, STANDARD BOLT PITCH AND STANDARD EDGE DISTANCE SHALL BE SAME TO THAT OF HIGH STRENGTH BOLTS.

4. LEG LENGTH OF FILLET WELD FOR GUSSET PLATE, RIB PLATE, BUTT PLATE AND STIFFENER PLATE, UNLESS OTHERWISE NOTED:

PLATE THICKNESS(MM)	LEG LENGTH(MM)
6	5
7	5
8	6
9	7
10	7
11	8
12	9
14	10
16	12

5. FABRICATION AND ERECTION TOLERANCE SHALL BE CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

6. PAINTING

STRUCTURAL STEEL HAD BEEN SURFACE PREPARED AND PAINTED IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATION.

REFERENCE GUIDE SYMBOLS

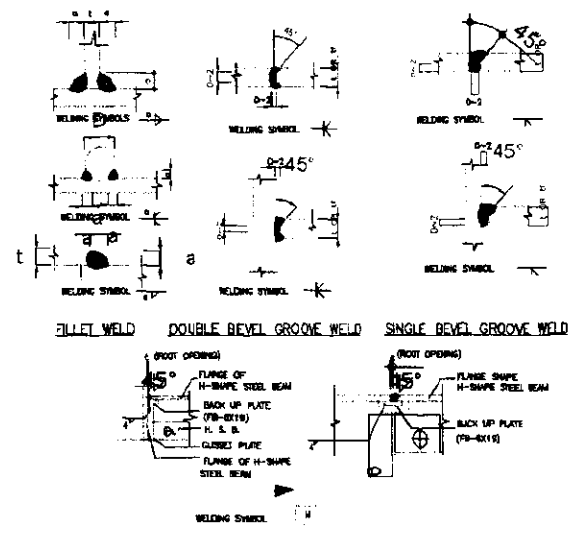
FOR THE PURPOSE OF GUIDING FURTHER DETAILS, SECTIONAL VIEWS AND STANDARDIZED TYPES TO BE REFERRED "REFERENCE GUIDE SYMBOLS" AS DESCRIBED BELOW ARE USED IN THE RELEVANT ENGINEERING DRAWINGS TO MAKE THE REFERENCE RELATION SIMPLE AND CLEAR.

SYMBOL — COLUMN EXPLANATION

1.) SYMBOL TO GUIDE STANDARD DETAIL
- STANDARD DETAIL NO.
- NOTES, IF NEEDED
- STANDARD DWG. NO. TO BE REFERRED

2.) SYMBOL TO GUIDE INDIVIDUAL DETAIL OR SECTIONAL VIEW WHICH ARE NOT STANDARDIZED
- DETAIL NO. OR SECTIONAL NOTATION
- NOTES, IF NEEDED
- ENGINEERING DWG. NO. TO BE REFERRED

(2) GENERAL NOTES ON STRUCTURAL STEEL



FIELD SINGLE BEVEL GROOVE WELD

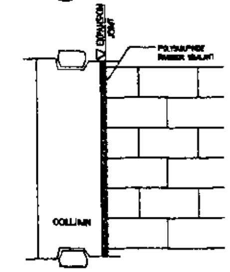
WELDING TYPE OF H-SHAPE FLANGE

THK. OF PLATE (t)	WELDING TYPE	WELDING SYMBOLS
tf ≤ 16	SINGLE BEVEL GROOVE WELD	[illegible]
tf > 16	DOUBLE WELD GROOVE WELD	[illegible]

WELDING TYPE OF RIB PLATE, H-SHAPE WEB OR GUSSET PLATE

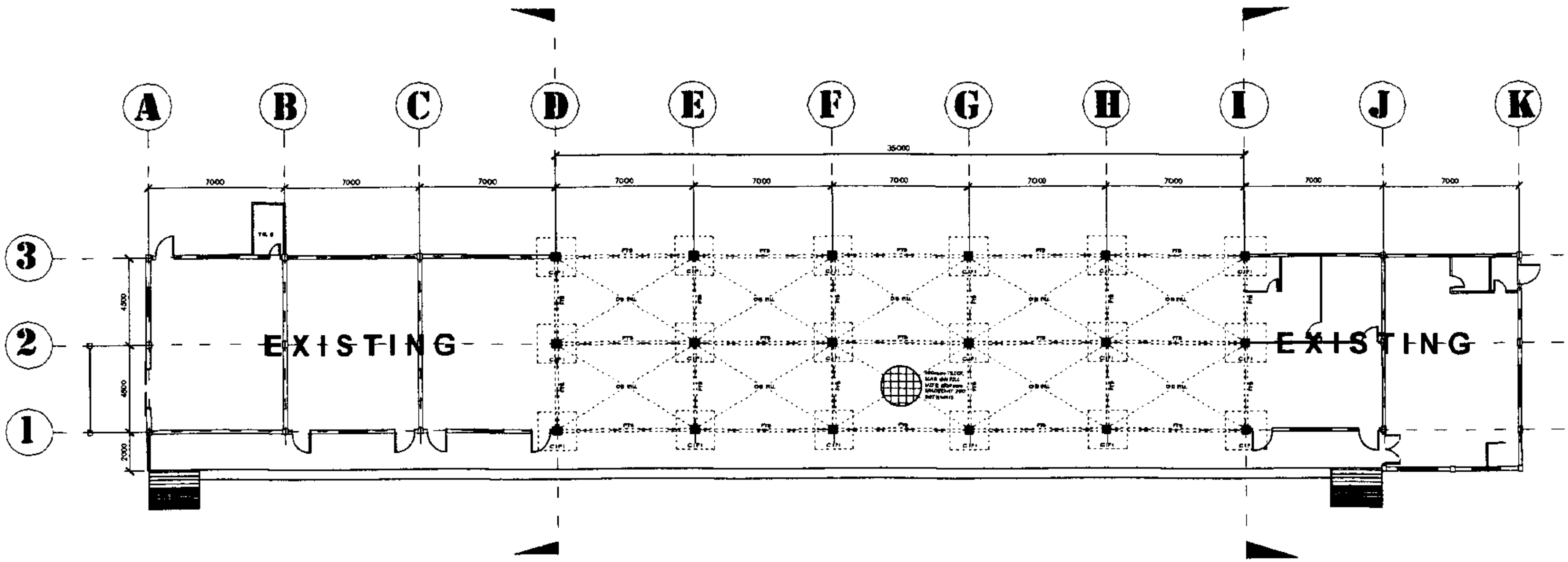
THK. OF PLATE (t)	WELDING TYPE	WELDING SYMBOLS
t ≤ 12	FILLET WELD	[illegible]
12 < t ≤ 16	SINGLE BEVEL GROOVE WELD	[illegible]
t > 16	DOUBLE WELD GROOVE WELD	[illegible]

(3) STANDARDIZED WELDS



(4) MISCELLANEOUS DETAIL
(WALL EXPANSION JOINT)

PREPARED BY :	CIVIL ENGINEER	CHECKED BY :	PROJECT TITLE :	SHEET CONTENT:	PREPARED BY:	
TWIN DRAGON CONSTRUCTION	DICIDEO E. PARAJILAN, JR. PRC REG. No. 0122914 Validity 9/5/21 PTR No. 2573282 Date 7/9/20 Place Fortu, Romb. TIN 423-547-517	JASON P. FIESON APPROVED BY:	REHABILITATION OF CAS BUILDING LOCATION : ROMBLON STATE UNIVERSITY - Main Campus, Liwanag, Odiongan, Romblon	AS SHOWN	CAD OPERATOR: WA - PING JOB NO. : DATE :JULY 2020	S-



1 FOUNDATION PLAN
S-CS-6 SCALE 1:200

PREPARED BY:

TWIN DRAGON CONSTRUCTION

CIVIL ENGINEER:

CHECKED BY:

APPROVED BY:

PROJECT TITLE:

REHABILITATION OF CAS BUILDING

SHEET CONTENT:

AS SHOWN

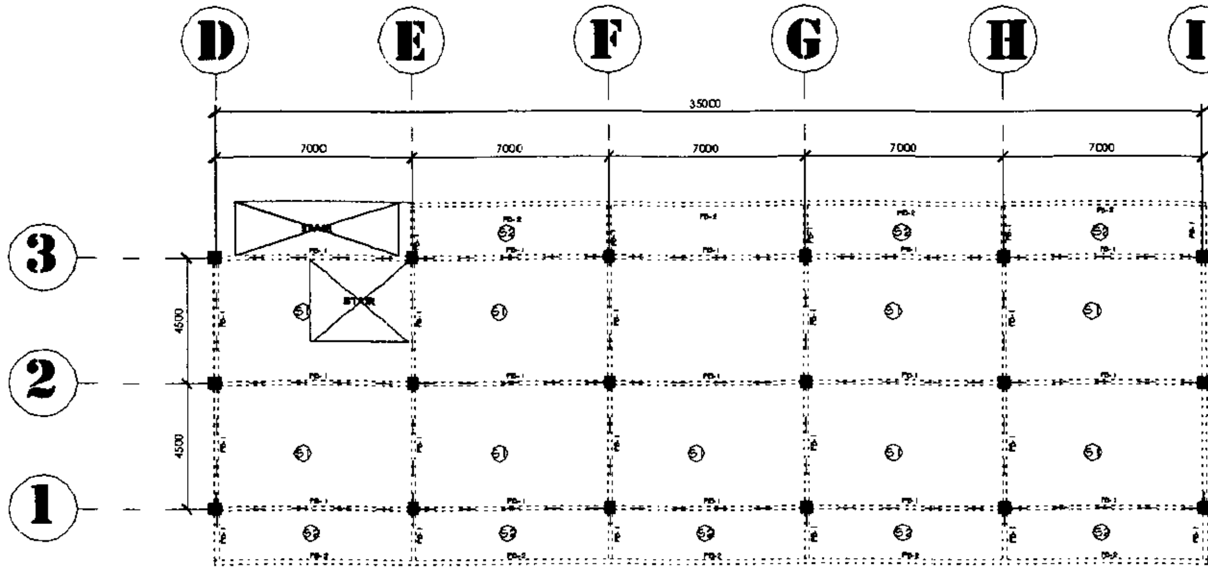
PREPARED BY:

CAD OPERATOR:

WA - PING

JOB NO.:

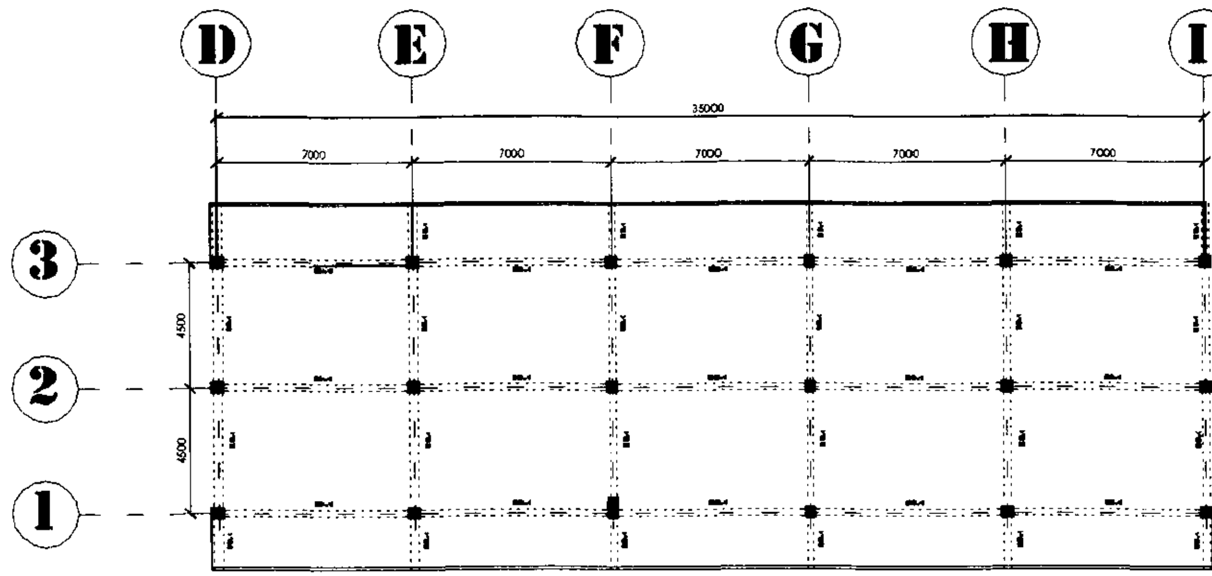
DATE: JULY 20



1 SECOND FLOOR FRAMING PLAN

S-7 S-7 SCALE 1:200

PREPARED BY :	CIVIL ENGINEER	CHECKED BY :	PROJECT TITLE :	SHEET CONTENT:	PREPARED BY:	
TWIN DRAGON CONSTRUCTION	PRC REG No. Validity PTR No. Date: Place: TIN:	JASON F. RUFON APPROVED BY: ARNEL ... LUNA	REHABILITATION OF CAS BUILDING LOCATION : ROMBLON STATE UNIVERSITY - Main Campus, Liwanag, Odiongan, Romblon	AS SHOWN	CAD OPERATOR: WA - PING JOB NO. : DATE :JULY 2020	S-



1 ROOF BEAM FRAMING PLAN

S-8 S-8 SCALE 1:200

PREPARED BY :	CIVIL ENGINEER:	CHECKED BY :	PROJECT TITLE :	SHEET CONTENT:	PREPARED BY:
TWIN DRAGON CONSTRUCTION	DICK-[illegible] [illegible]AN, JR. PRC REG. No.: 0122914 Validity: 9/5/21 PTR No.: 2977282 Date: 7/9/20 Place: [illegible] TIN: 423-347-317	JASON P. ALIPON APPROVED BY: ARNULFO F. DE LUNA	REHABILITATION OF CAS BUILDING LOCATION : ROMBLON STATE UNIVERSITY - Main Campus, Liwanag, Odiongan, Romblon	AS SHOWN	CAD OPERATOR: WA - PING JOB NO. : DATE : JULY 2020

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