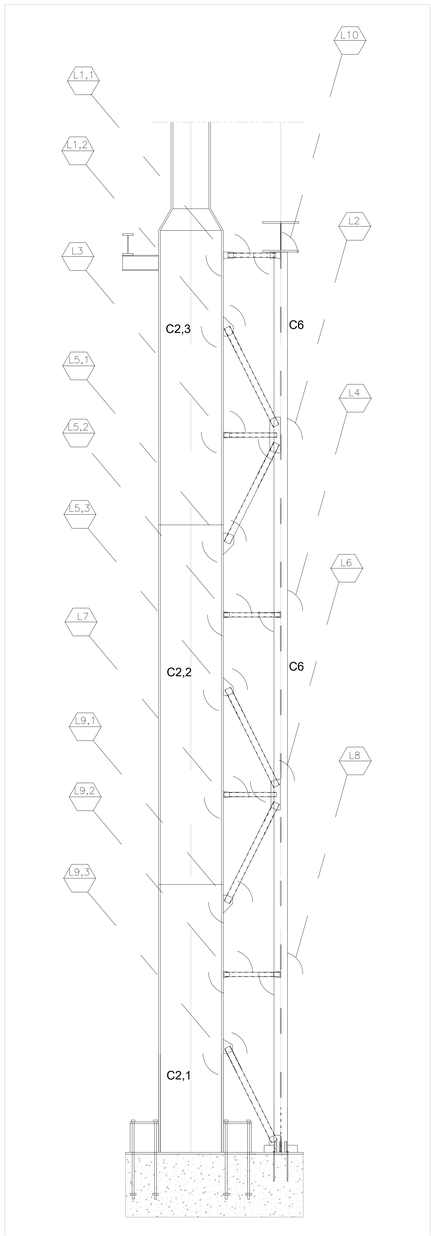

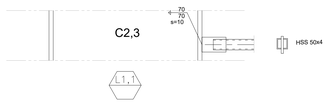

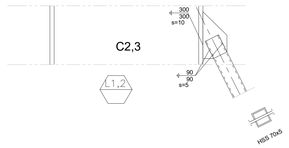

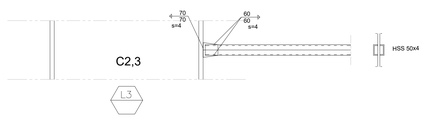

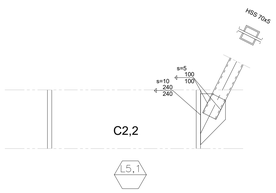

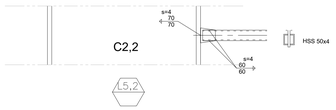

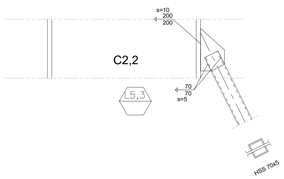

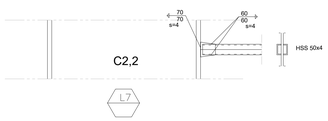

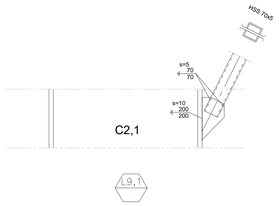

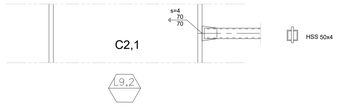

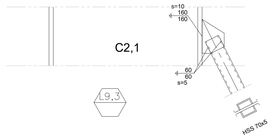

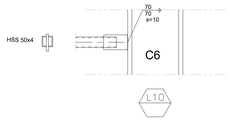

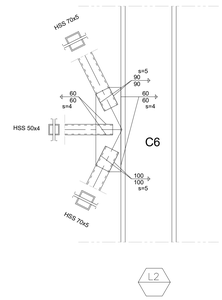

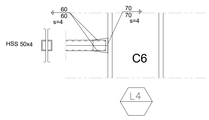

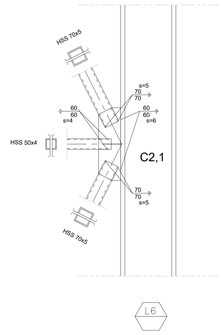

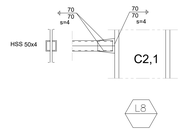

TABLE OF SECTIONS

COLUMN	SECTION
C2,1	680X20/420X20
C2,2	680X20/400X20
C2,3	680X20/300X20
C6	220X10/150X20

NOTES:-

1- ALL BOLTS ARE BEARING BOLTS

2- ALL BOLTS Grade ARE 10.9 tons/cm2

3- USED MINIMUM BOLT DIAMETER OF 10 MM

4 ALL GUSSET PLATES THICKNESS ARE 10 MM

5- LACING MEMBERS OF TWO LACED COLUMNS ARE SAME IN CONNECTIONS AND CROSS SECTIONS

CAIRO UNIVERSITY
FACULTY OF ENGINEERING
FOURTH YEAR CIVIL
STEEL PROJECT

UNIT #:

INDUSTRIAL BUILDING 5A-1

DESIGN BY:
AHMED MOHAMED YASSIN YOUNES

DRAWING TITLE:
LACED COLUMN DETAILS

DWG. NO. 014

SCALE 1:10