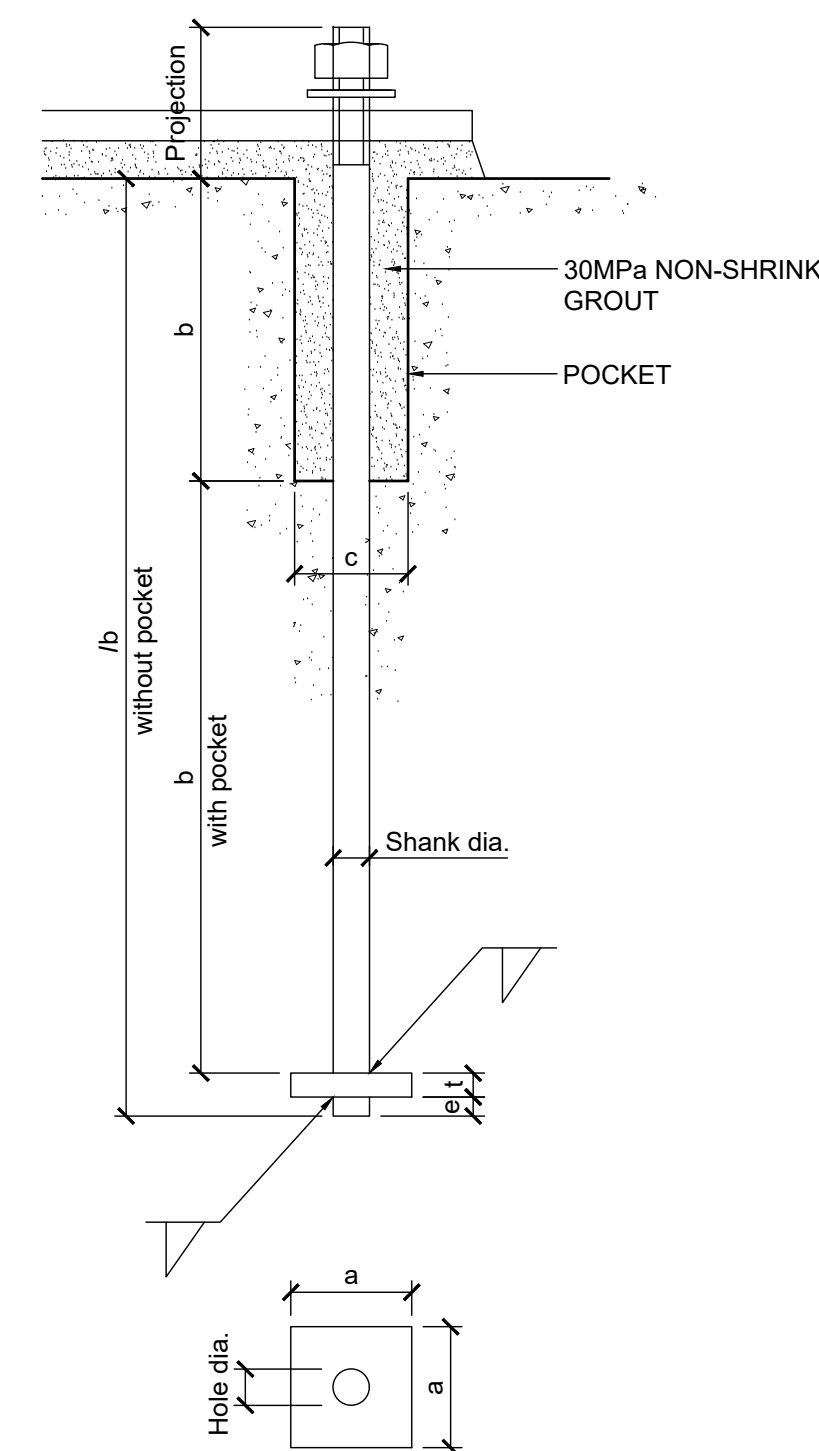
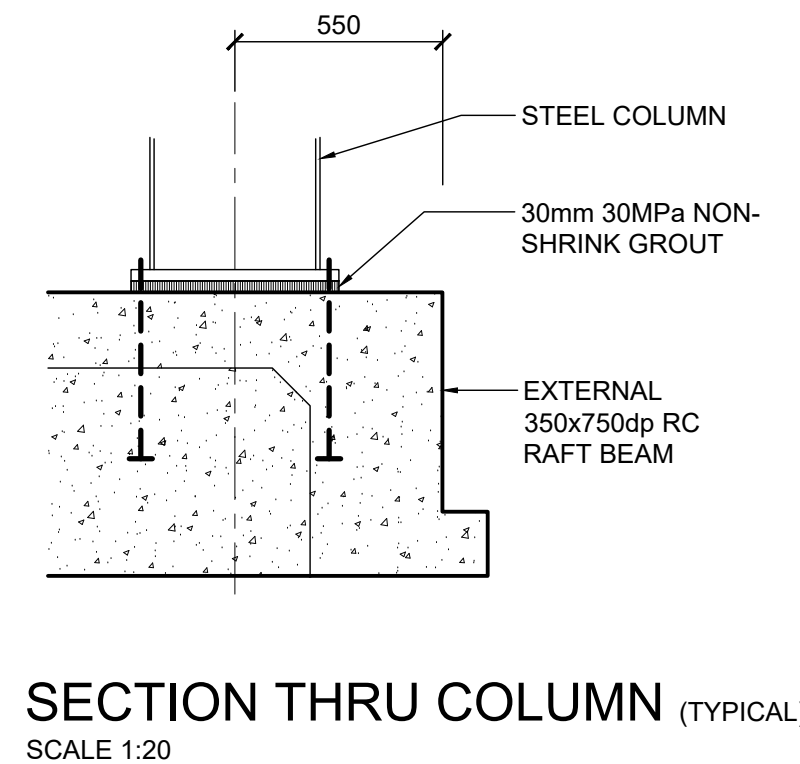
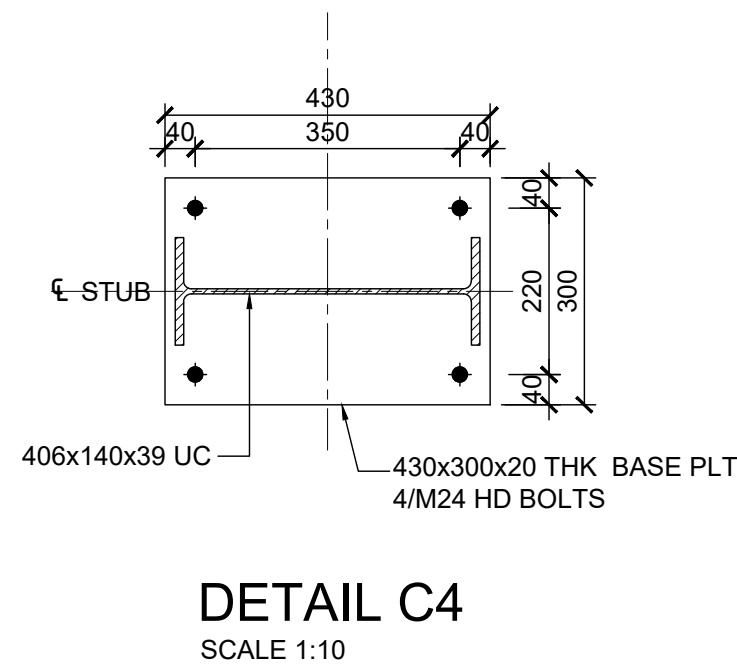
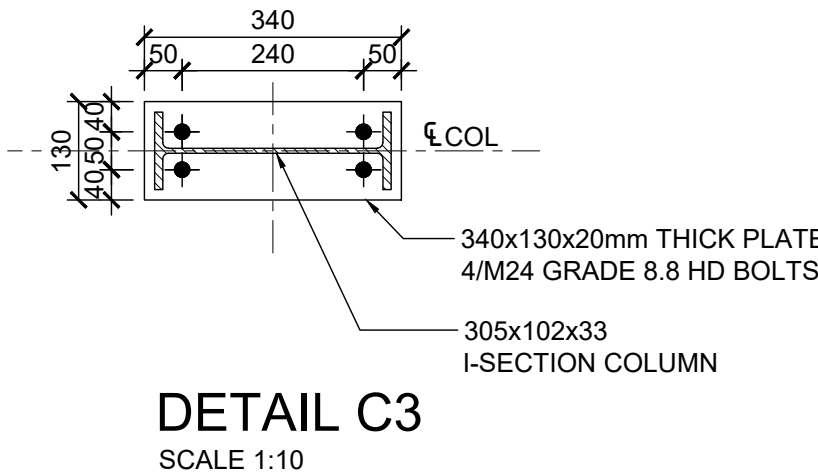
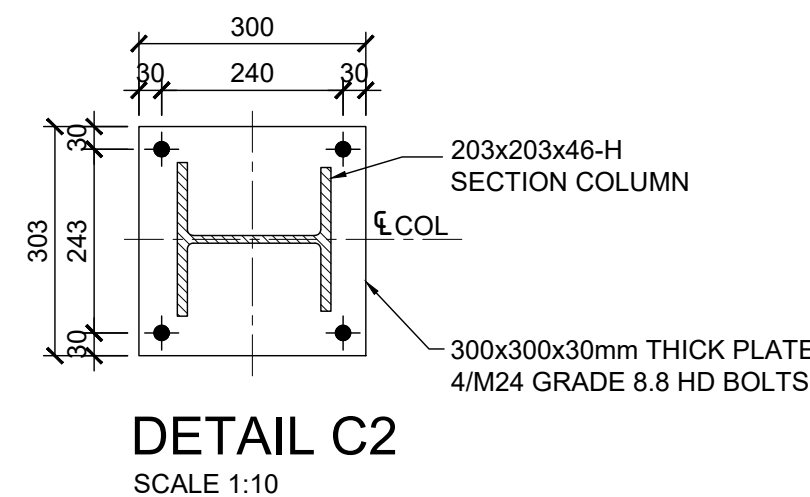
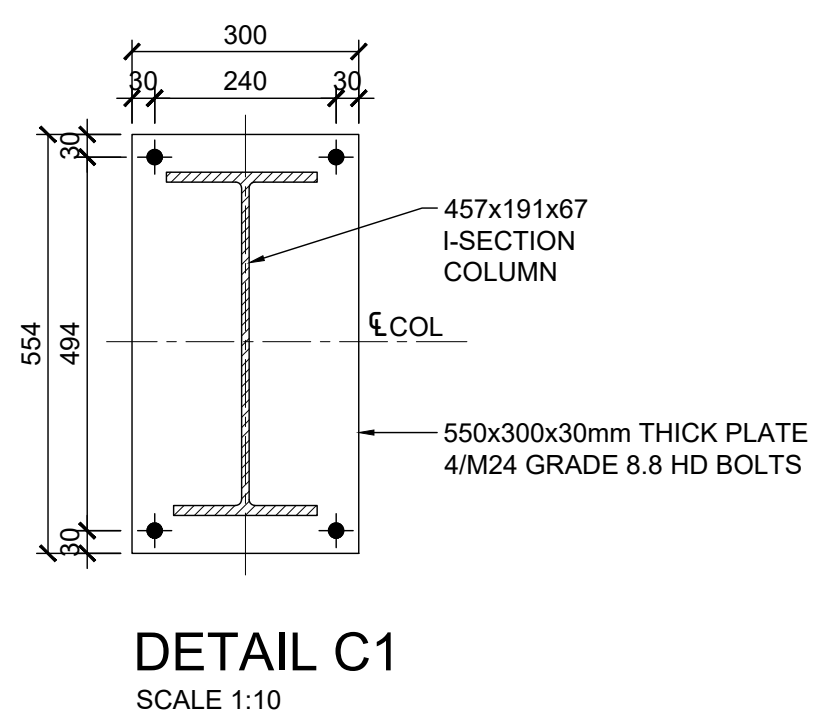


HD LAYOUT
SCALE 1:200



Bolt diameter on thread	Commercial Quality Bolt				Pocket		
	Tensile Strength T_f	Bond length l_b	Size a	Thickness t	Weld size (top and bottom)	Depth b	Dia c
(mm)	(kN)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
16	84	300	90	14	5	100	75
24	189	570	130	14	8	200	75

COLUMN SCHEDULE		
REF.	COLUMN SIZE	DESCRIPTION
C1	457x191x67 UB	MAIN SUPPORT
C2	203x203x46-H COLUMN	GIRDER SUPPORT
C3	305x102x33 I-SECTION	GABLE
C4	406x140x39 I-SECTION	OUTGOING CANOPY END SUPPORT
U.N.O. ALL COLUMNS ARE SYMMETRICAL ON CENTER LINES		

ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.
THE COPYRIGHT IN THIS DRAWING, INCLUDING THE DESIGN AND DETAILS SHOWN HEREON, IS RESERVED BY THE ENGINEER.

- STRUCTURAL STEEL NOTES:
- ALL BOLTS TO BE GRADE 8.8 U.N.O.
 - ALL WELDS TO BE 6mm FW U.N.O.
 - DIMENSIONS TO EXISTING TO BE CONFIRMED ON SITE
 - SHOP DRAWINGS TO BE APPROVED BY ENGINEER PRIOR TO FABRICATION
 - STEEL GRADES:
HOT ROLLED SECTIONS - S355JR
HOLLOW SECTIONS - S355
 - ALL STEELWORK TO BE HOT DIPPED GALVANIZED
 - APPLY 2.2 LIBERAL COATS OF "ABE" FLINTCOAT TO BURIED STEEL FOR CORROSION PROTECTION
 - HD BOLTS TO BE CAST MONOLITHICALLY WITH STUB COLUMNS

Consultant Signature

ECSA REG NO: 201470009
NHBC REG NO: 126308441

No	Date	Details	Drawn	Chd
B	12/09/18	General Revision	AJ	MM
A	04/09/18	ISSUED FOR TENDER	AJ	MM

Client



ZDM
REGISTERED CIVIL & STRUCTURAL ENGINEERS
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Discipline
STRUCTURES

Consultant Signature		Designed		Checked		SIZE	
AJ		LM		MM		A0	

Project

D-FENCE FACTORY

Description

**STRUCTURAL STEEL
HD LAYOUT & DETAILS**

Scale
AS INDICATED

Date
AUG 2018

Project No.
E032/330/001

Revision
B

ISSUED FOR TENDER