

PROGRAM : NATIONAL DIPLOMA
BUILDING

SUBJECT : QUANTIT SURVYEING 3

CODE : QSG331
SUMMER SSA EXAMINATION 2014

DATE : 3 DECEMBER 2014

DURATION : (SESSION 1) 08:00 - 12:00

WEIGHT : 40:60

TOTAL MARKS : 100

EXAMINER : DR CO AIGBAVBOA

MODERATOR : DR JO OKUMBE

NUMBER OF PAGES : 2 PAGES

INSTRUCTIONS TO CANDIDATES

1. Answer all the questions
2. All drawings to be submitted with the *takeoff* or marks will be deducted.
3. The Standard System may be used in the examination.
4. Work is to be measured in accordance with the latest edition of the "Standard System of Measuring Building Work".
5. Where dimensions are not given they should be calculated from the drawings rather than scaling.
6. Candidates are to assume their own specifications where workmanship and/or materials are not mentioned.
7. In marking papers, 5% of the marks will be given for system and orderly method of "taking off", well referenced and accurate dimensions, clear descriptions of work and clearly marked drawings.
8. 5% may be deducted for untidy or shoddy measurement.
9. All work is to be in ink, and all works is to be executed with the utmost care, accuracy and neatness.

REQUIREMENTS +/- 20 SHEETS OF DIMENSION PAPERS + 1 EXAMINATION PAPER

SCIENTIFIC CALCULATORS AND STANDARD SYSTEMS OF
MEASUREMENT ARE ALLOWED

QUESTION 1

From the attached drawing referenced NTS/PVB/4 & 11, Demonstrate your ability to measure the drainage work as shown on the attached drawing and in accordance with the specification below.

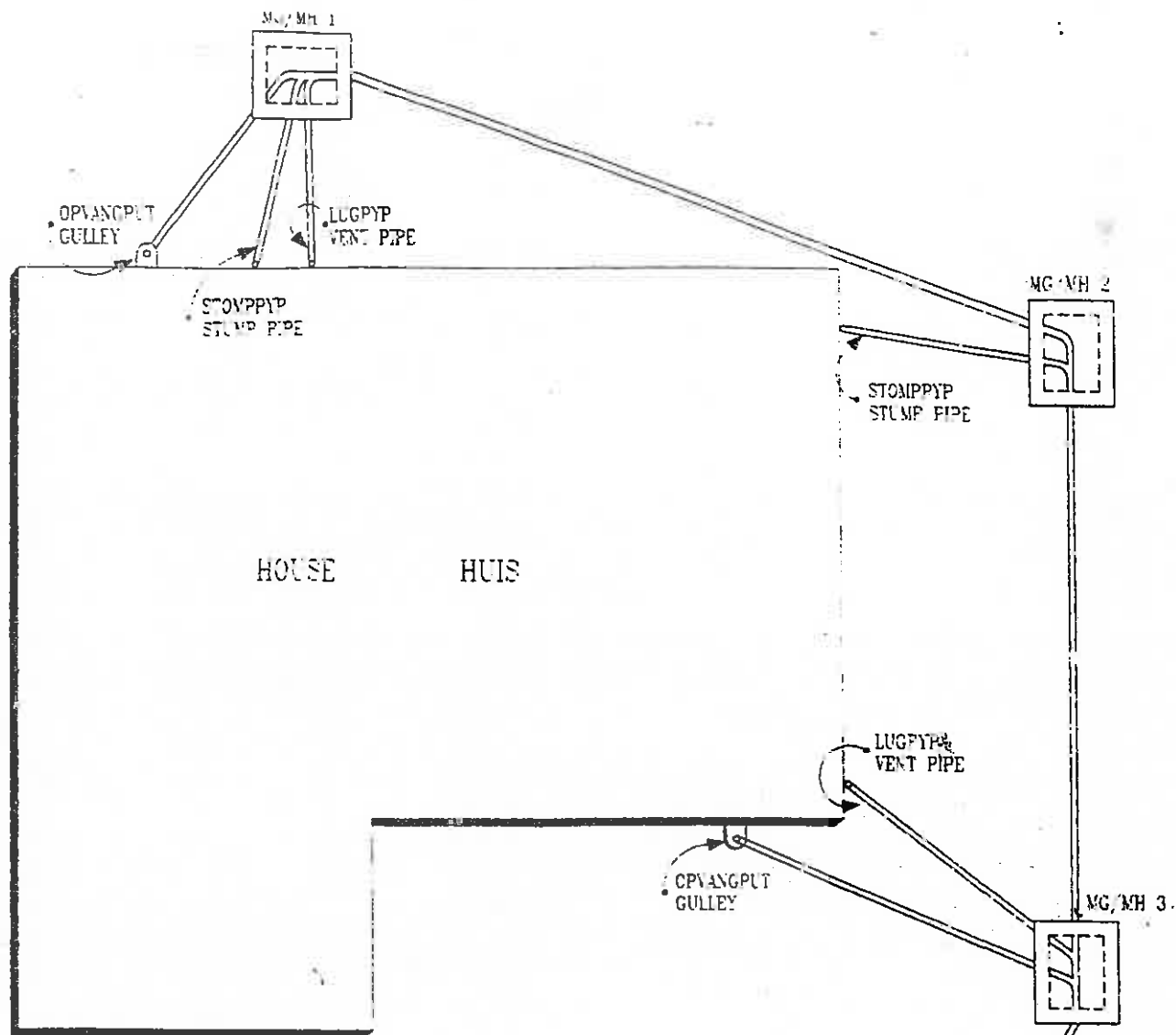
(50)

QUESTION 2

From the attached drawings referenced: DWG NO: FB12, FB13 and FB14, demonstrate your ability to take off quantities for Structural Steelwork only. Assumptions should be made where necessary.

(50)

TOTAL MARKS [100]

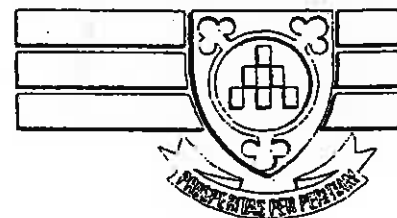


DRAINAGE PLAN DREINERINGSPLAN

SCALE / SKAAL 1 : 100

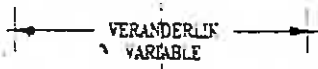
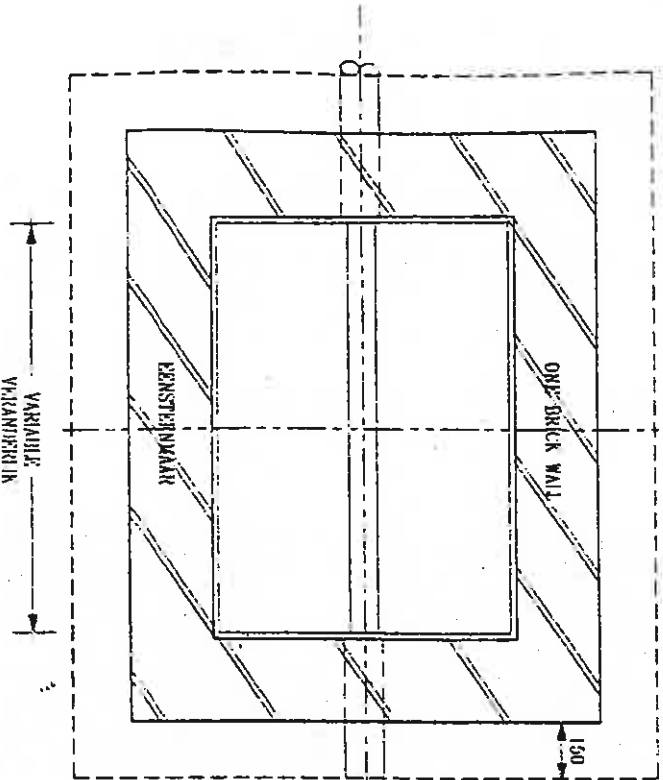
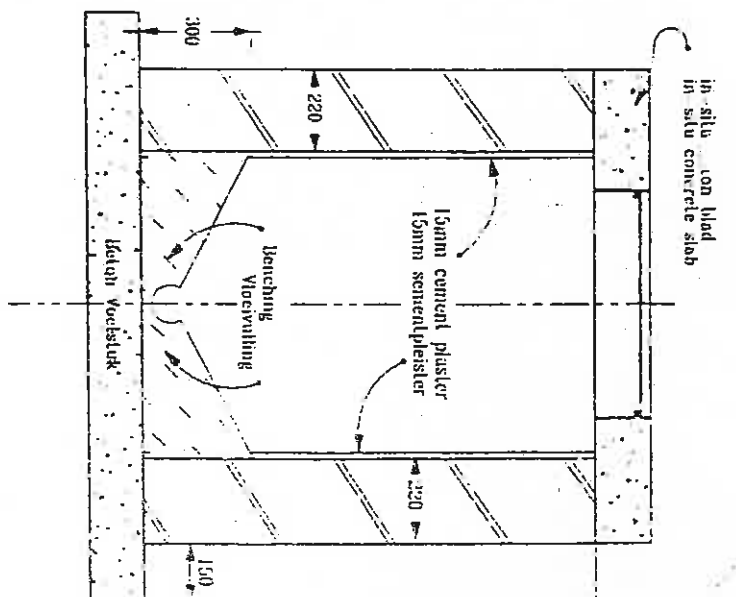
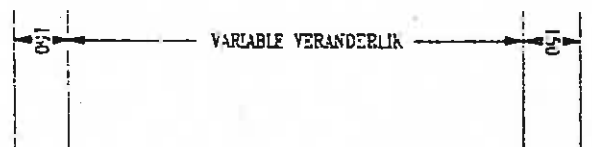
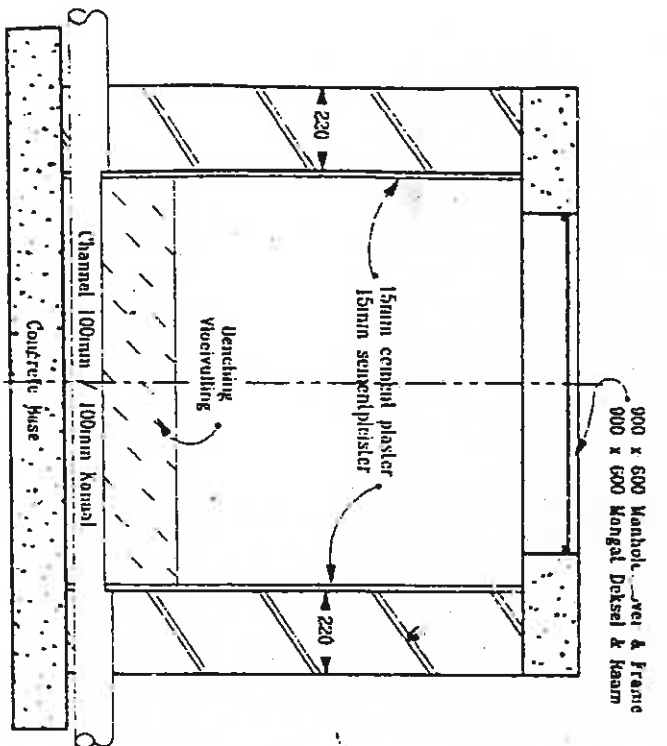
MAN-OLE MANGAT	DEPTH TO INVERT DIEPTE NA BODEM	SIZE GROOTTE	STEP IRONS TRAPYSTERS
1	480	600 x 750	0
2	730	600 x 750	0
3	980	600 x 750	2
4	1270	750 x 900	4

DESIGNED BY	NTS/PVB/4	DRAWN BY
TITLE	DREINERINGSPLAN DRAINAGE PLAN	FILE

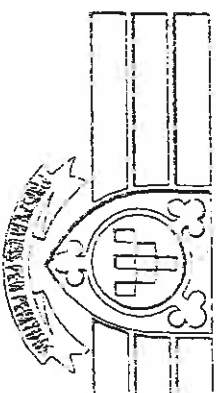


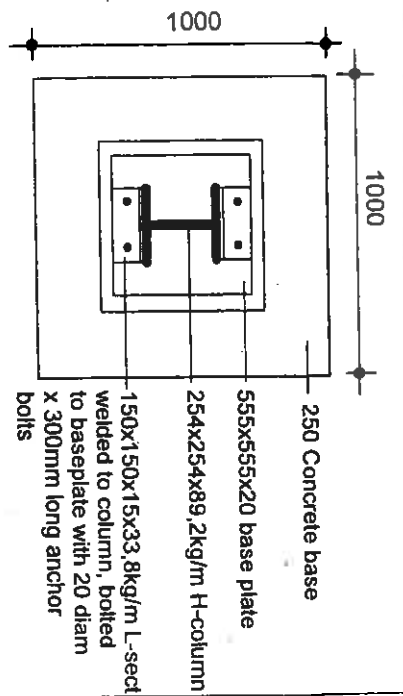
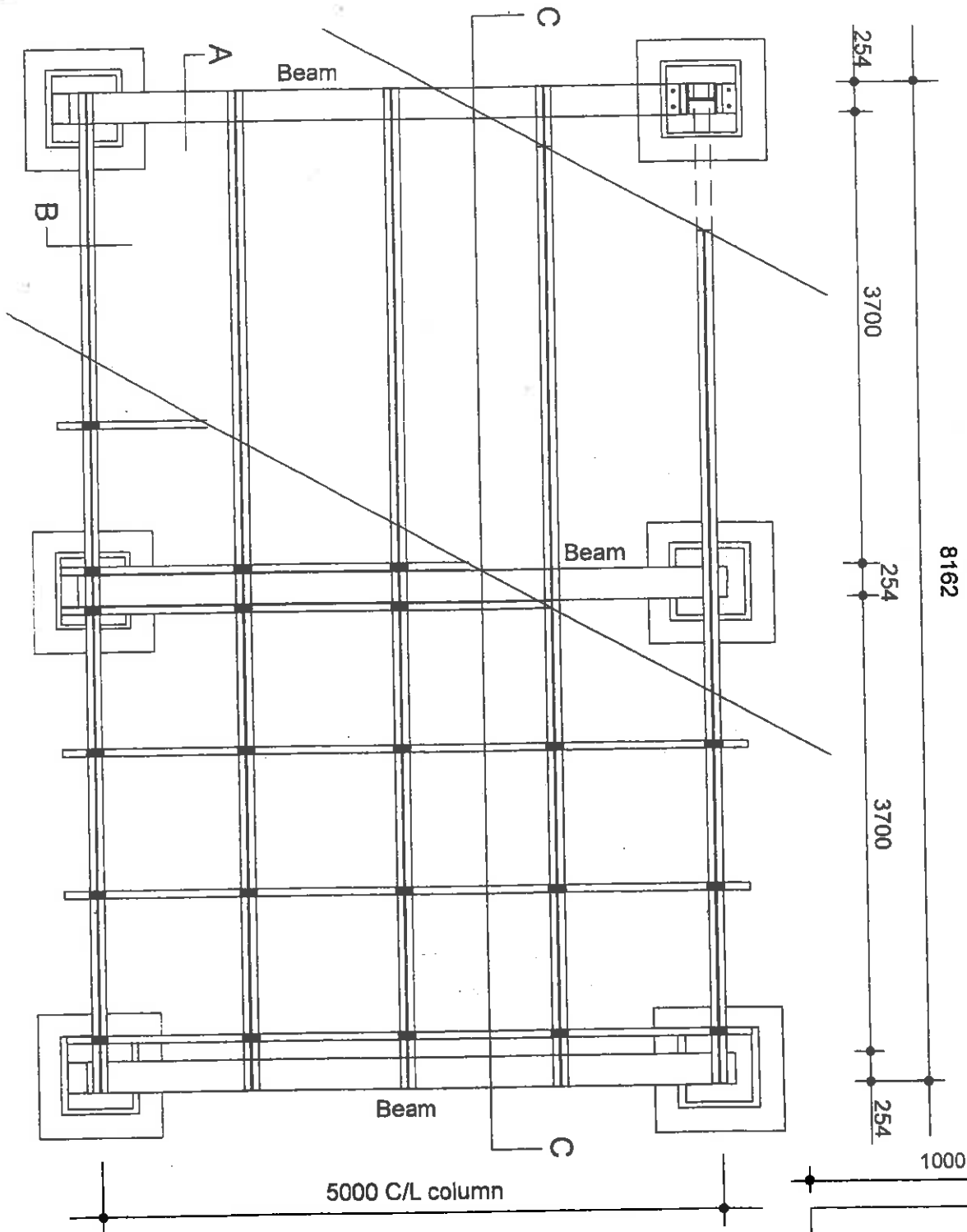
BOUNDARY / GRENS

Skaal / Scale 1 : 100

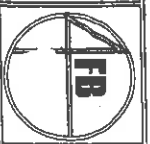


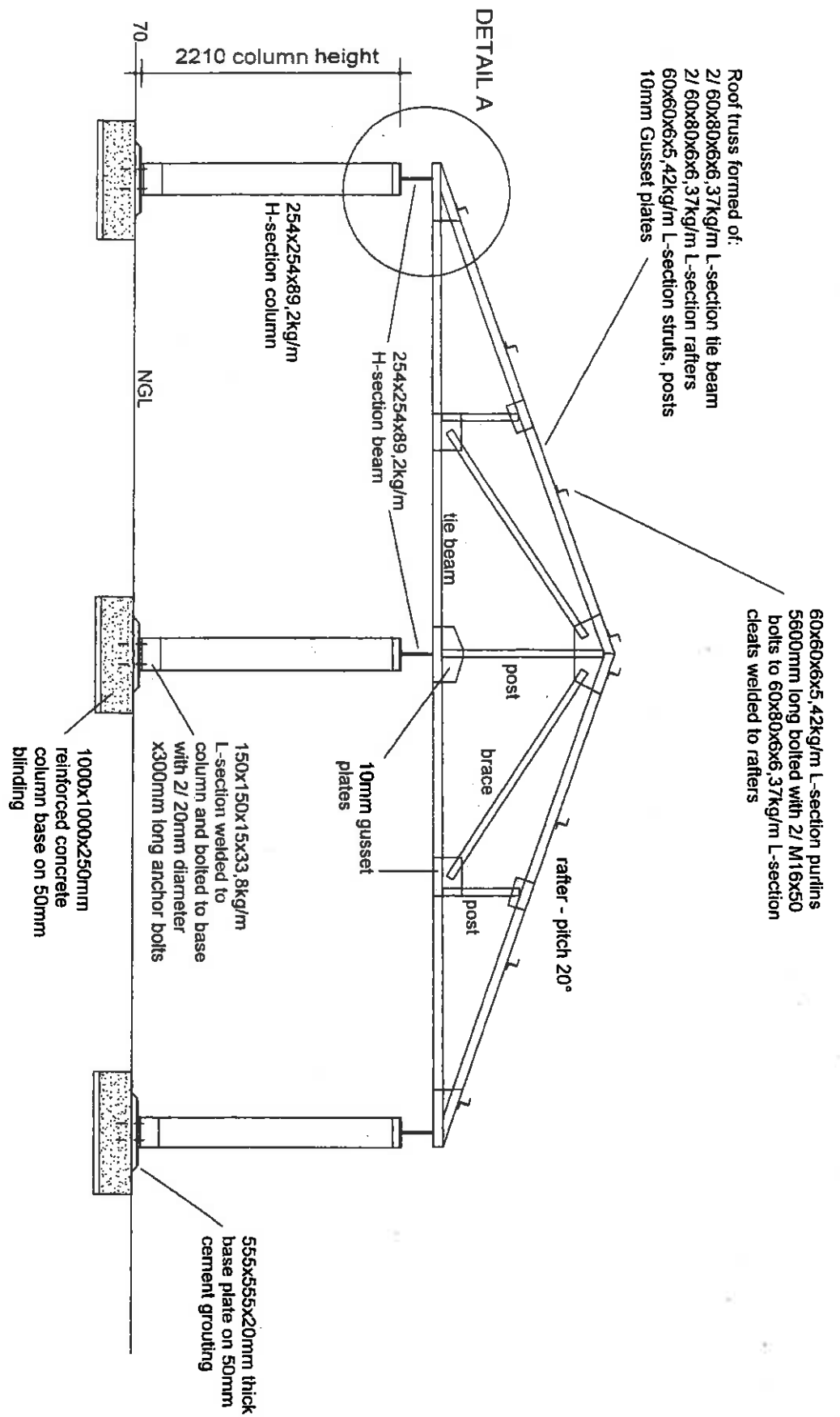
NTS/100/11	NTS/100/11
MANHOLE / MANGAT	MANHOLE / MANGAT
TYPICAL / TYPISSE DETAILS	TYPICAL / TYPISSE DETAILS





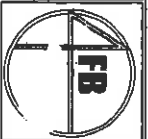
TITLE: Store Room Plan
 DWG NO: FB/12
 SCALE: 1:50

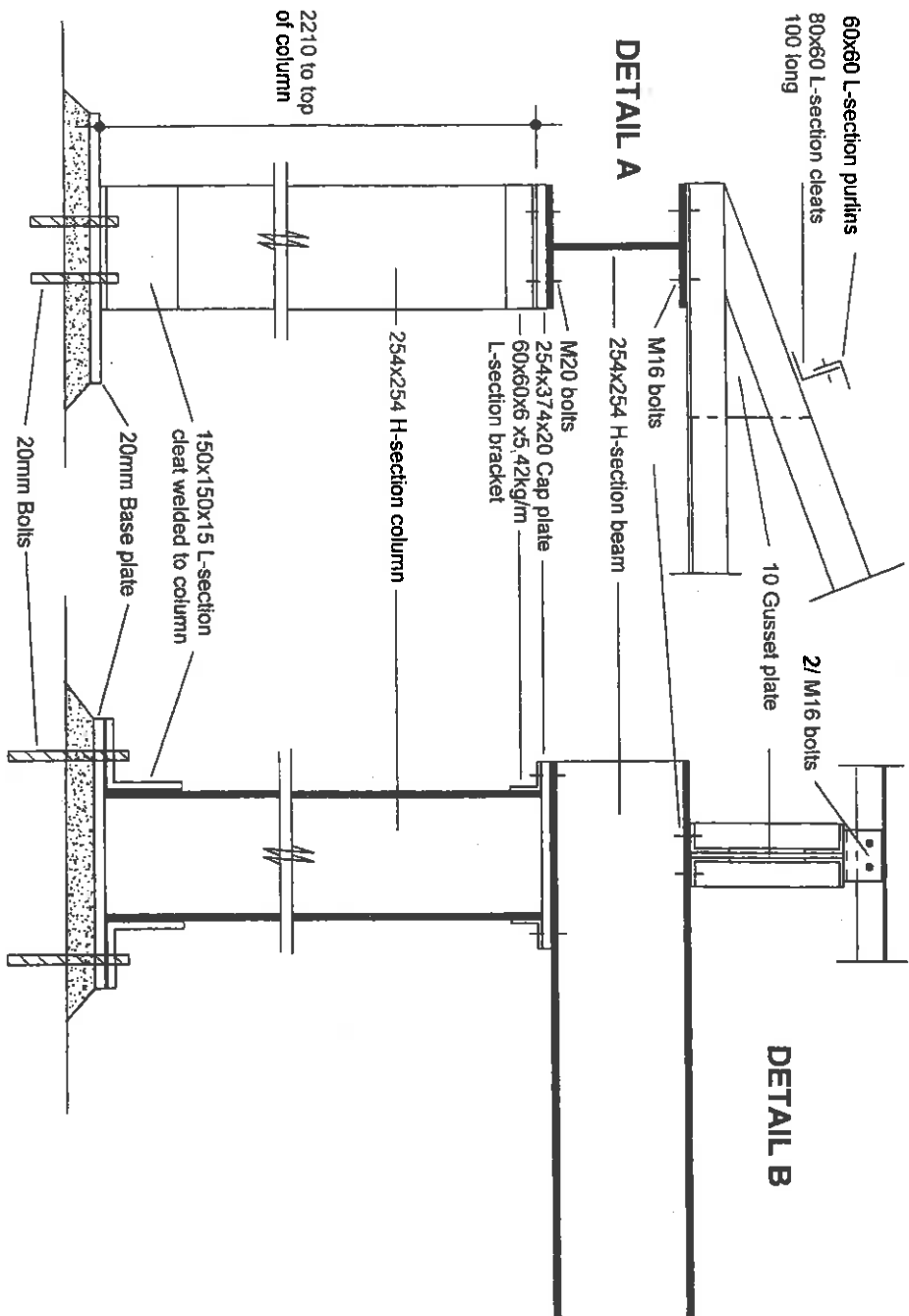




SECTION C-C

TITLE: Store Room Section
DWG NO: FR/13
SCALE: 1:50





TITLE: Store Room Details

DWG NO: FB/14

SCALE: 1:15





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Dimension paper

Student No.....



Student No......



Student No......



Student No......



Student No.....



Student No.....



Student No.....



Student No.....



Student No......

[illegible]



Student No.....



Student No.....



Student No......



Student No.....



Student No.....



Student No.....



Student No.....



Student No.



Student No.....



Student No.....



Student No......