higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE (VOCATIONAL)

ARCHITECTURAL GRAPHICS AND TECHNOLOGY

(First paper)

NQF LEVEL 2

XX February 2020

This marking guideline consists of 9 pages.

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QUESTION 1												
MARKING CRITERIA	**MARK ALLOCATION**											**TOTAL ACHIEVED**
Correctness	10	9	8	**7**	6	5	4	3	2	1	0	
Accuracy and scale	10	9	8	7	6	5	4	3	**2**	1	0	
Line work and neatness	10	9	8	7	6	5	4	3	**2**	1	0	
Balanced layout	10	9	8	7	6	5	4	3	**2**	1	0	
Dimensions	10	9	8	7	6	5	4	3	2	**1**	0	
Descriptions	10	9	8	7	6	5	**4**	3	2	1	0	
Title and scale	10	9	8	7	6	5	4	3	**2**	1	0	
CANDIDATE TOTAL												
POSSIBLE TOTAL												**20**

QUESTION 2.1												
MARKING CRITERIA	**MARK ALLOCATION**											**TOTAL ACHIEVED**
Correctness	10	9	8	7	6	**5**	4	3	2	1	0	
Accuracy and scale	10	9	8	7	6	**5**	4	3	2	1	0	
Line work and neatness	10	9	8	7	6	5	4	**3**	2	1	0	
Balanced layout	10	9	8	7	6	5	4	3	**2**	1	0	
CANDIDATE TOTAL												
POSSIBLE TOTAL												**15**

QUESTION 2.2												
MARKING CRITERIA	**MARK ALLOCATION**											**TOTAL ACHIEVED**
Correctness	10	9	8	7	6	**5**	4	3	2	1	0	
Accuracy and scale	10	9	8	7	6	**5**	4	3	2	1	0	
Line work and neatness	10	9	8	7	6	5	4	**3**	2	1	0	
Balanced layout	10	9	8	7	6	5	4	3	**2**	1	0	
CANDIDATE TOTAL												
POSSIBLE TOTAL												**15**

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QUESTION 2.3												
MARKING CRITERIA	**MARK ALLOCATION**											**TOTAL ACHIEVED**
Correctness	10	9	8	7	6	**5**	4	3	2	1	0	
Accuracy and scale	10	9	8	7	6	**5**	4	3	2	1	0	
Line work and neatness	10	9	8	7	6	5	4	**3**	2	1	0	
Balanced layout	10	9	8	7	6	5	4	3	**2**	1	0	
CANDIDATE TOTAL												
POSSIBLE TOTAL												**15**

QUESTION 3.1												
MARKING CRITERIA	**MARK ALLOCATION**											**TOTAL ACHIEVED**
Correctness	10	9	**8**	7	6	5	4	3	2	1	0	
Accuracy and scale	10	9	8	7	6	5	4	**3**	2	1	0	
Line work and neatness	10	9	8	7	6	5	4	**3**	2	1	0	
Balanced layout	10	9	8	7	6	5	4	3	2	**1**	0	
CANDIDATE TOTAL												
POSSIBLE TOTAL												**15**

QUESTION 3.2												
MARKING CRITERIA	**MARK ALLOCATION**											**TOTAL ACHIEVED**
Correctness	10	9	8	7	6	**5**	4	3	2	1	0	
Accuracy and scale	10	9	8	7	6	5	4	**3**	2	1	0	
Line work and neatness	10	9	8	7	6	5	4	**3**	2	1	0	
Balanced layout	10	9	8	7	6	5	4	3	**2**	1	0	
Construction	10	9	8	7	6	5	4	**3**	2	1	0	
Descriptions	10	9	8	7	6	5	**4**	3	2	1	0	
CANDIDATE TOTAL												
POSSIBLE TOTAL												**20**

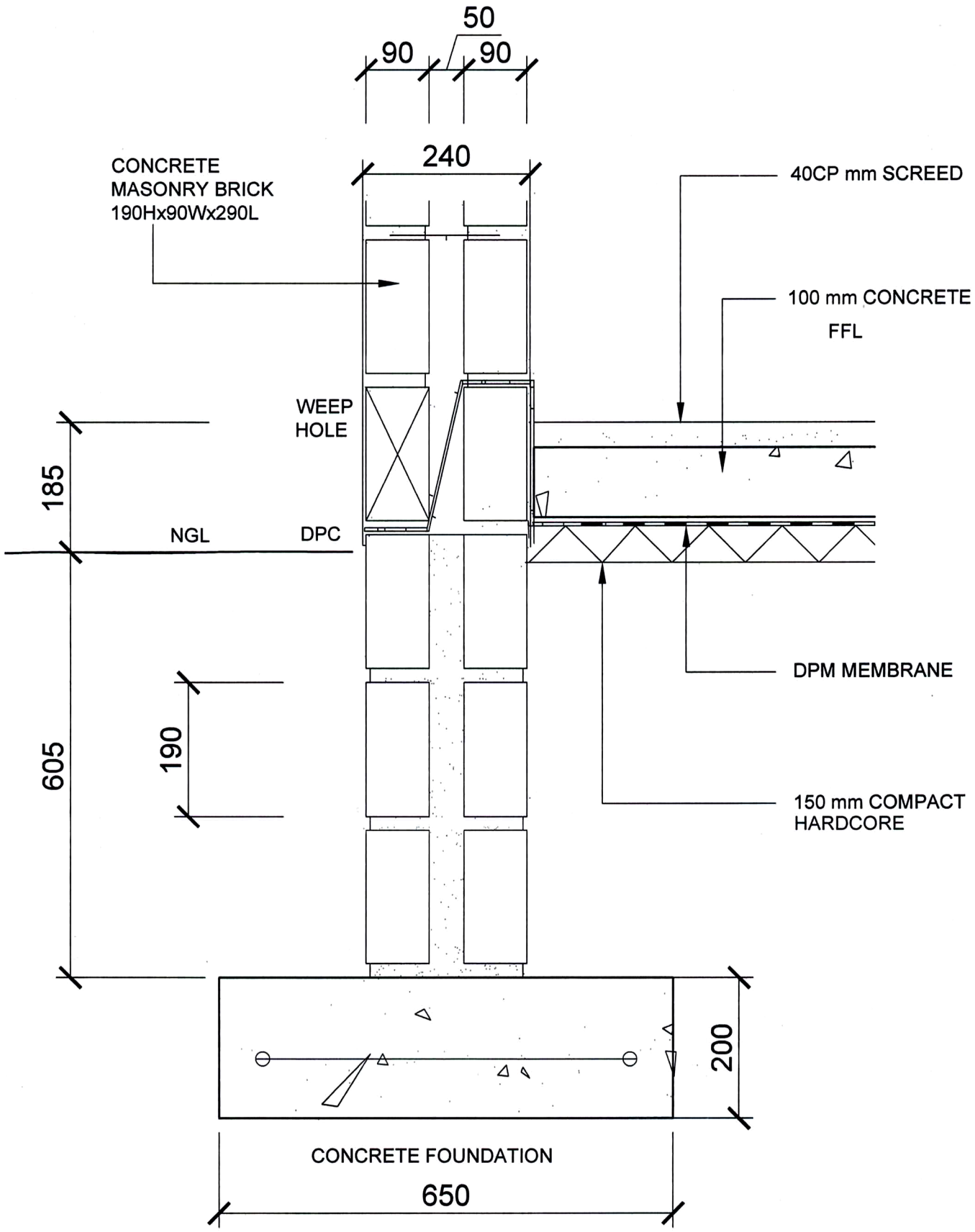
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TOTAL SCORES OF CANDIDATE	
Question 1	
Question 2.1	
Question 2.2	
Question 2.3	
Question 3.1	
Question 3.2	
TOTAL	

MARKER		**DATE**	
INTERNAL MODERATOR		**DATE**	

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QUESTION 1: WALLS AND FOUNDATIONS

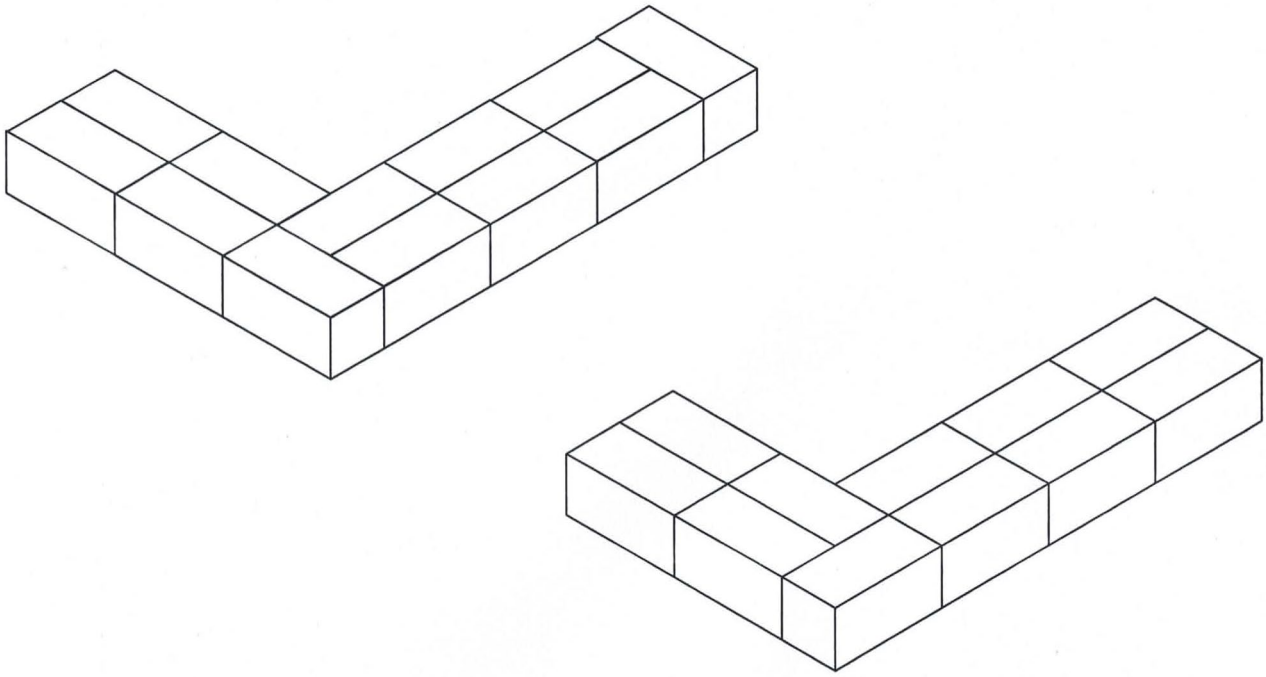


TYPICAL SECTION OF A 240 MM CAVITY WALL ON A STRIP FOUNDATION SCALE 1:5 ON A3 DRAWING SHEET **[20]**

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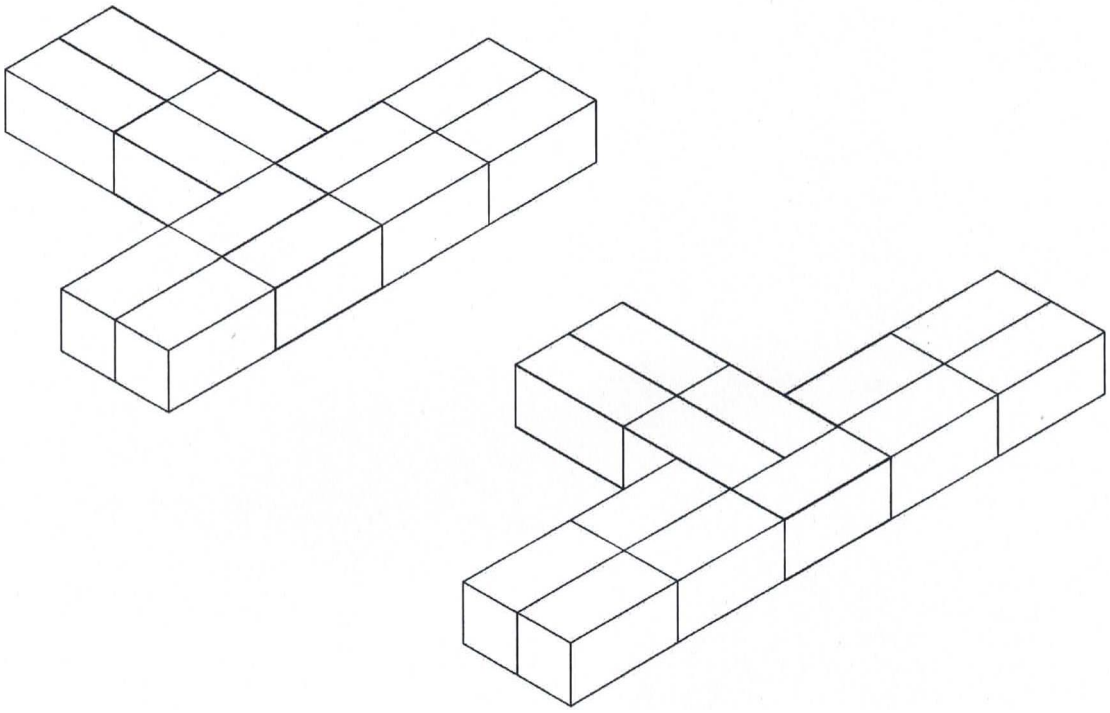
QUESTION 2: BRICKWORK

2.1



ONE-BRICK STRETCHER-BOND CORNER-JUNCTION WALL
SCALE 1:10 ON A4 DRAWING SHEET (15)

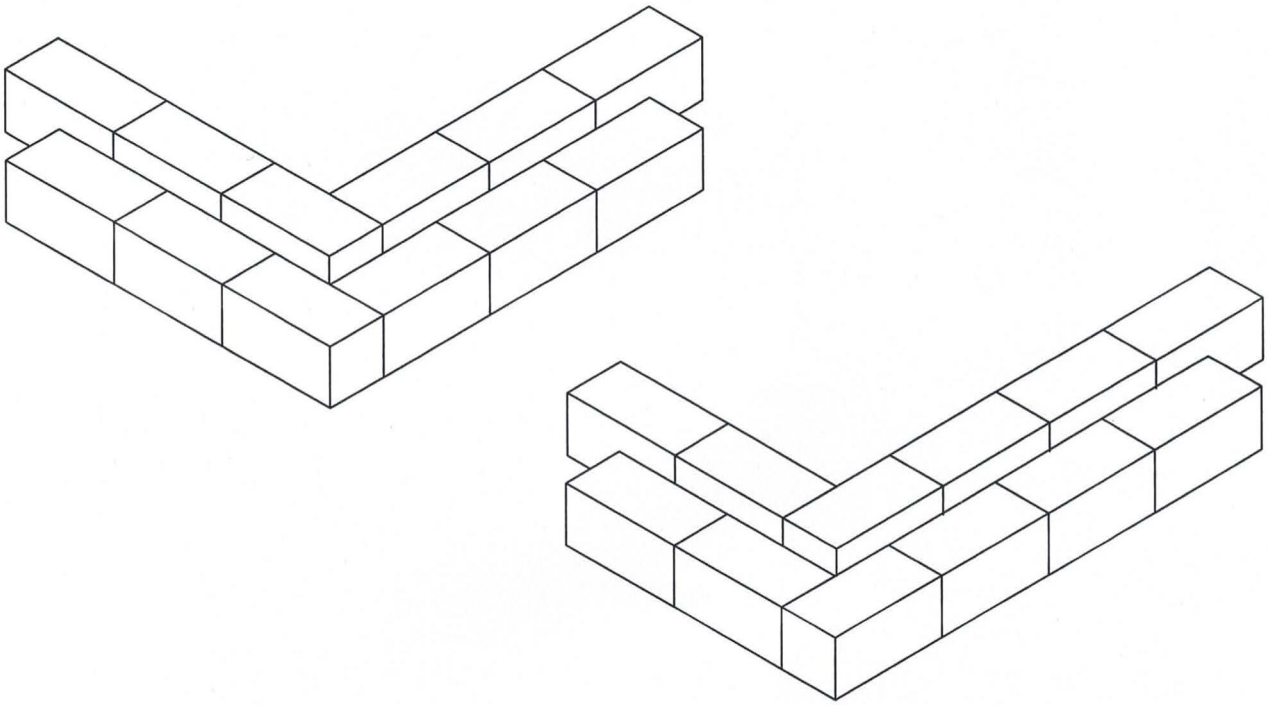
2.2



ONE-BRICK STRETCHER-BOND T-JUNCTION WALL
SCALE 1:10 ON A4 DRAWING SHEET (15)

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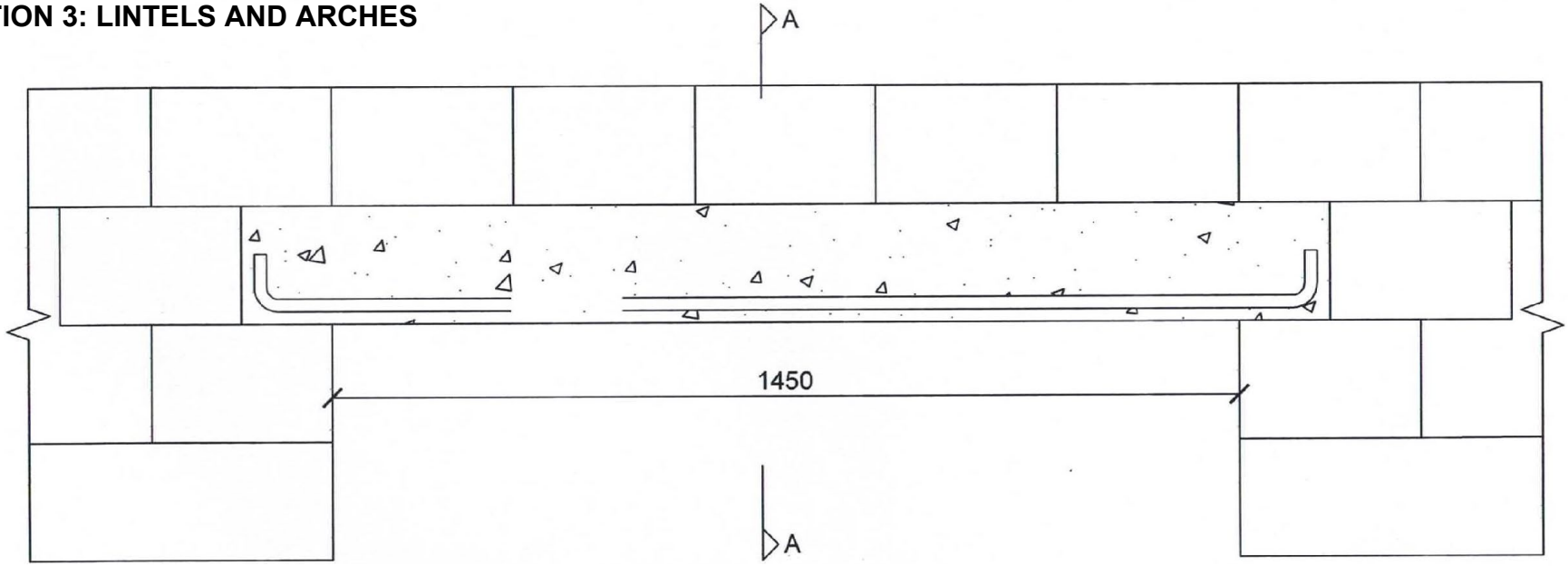
2.3



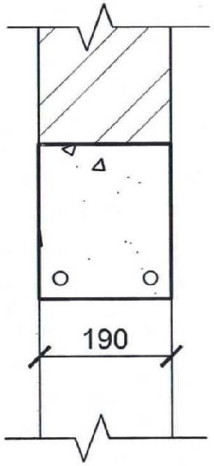
ONE-BRICK STRETCHER-BOND CORNER-JUNCTION CAVITY WALL
SCALE 1:10 ON A4 DRAWING SHEET (15)
[45]

QUESTION 3: LINTELS AND ARCHES

3.1



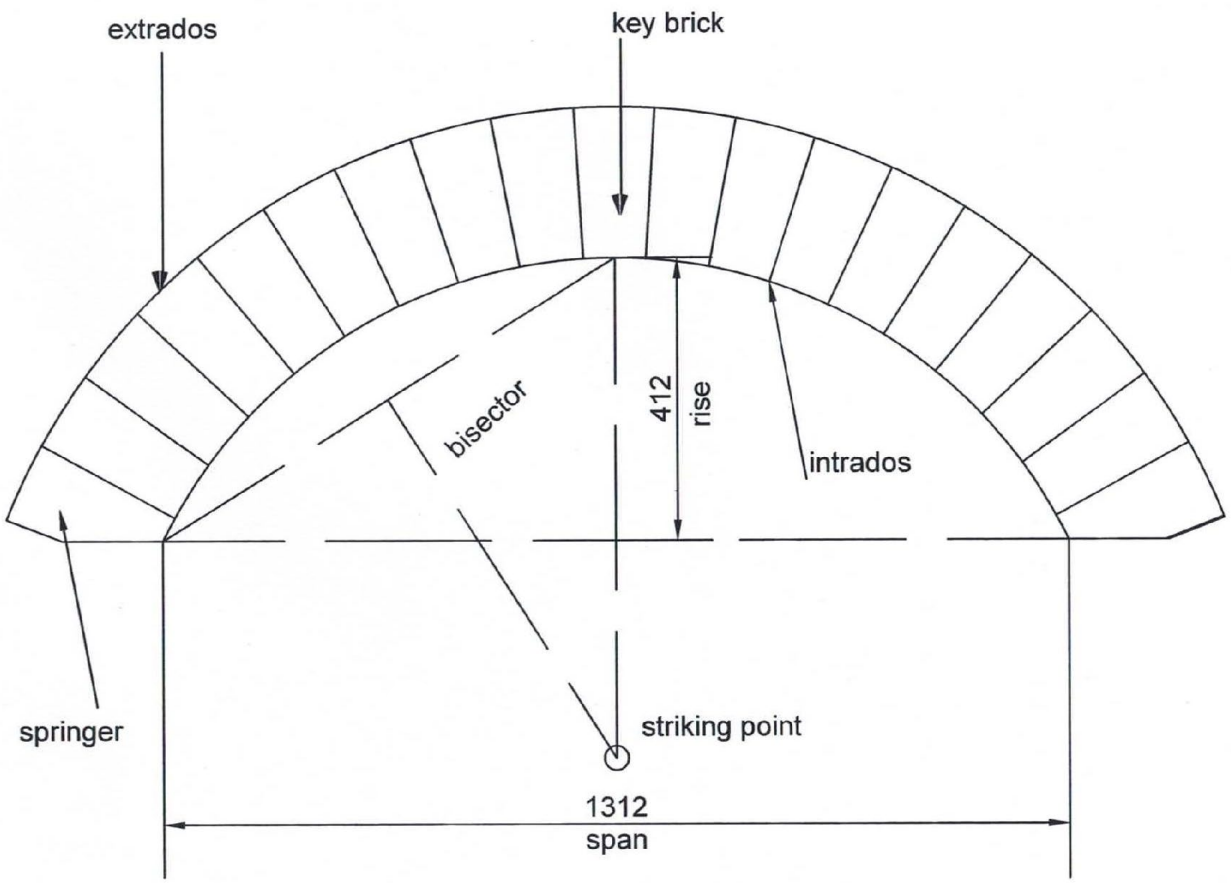
REINFORCED CONCRETE LINTEL 290 × 190 × 190 MASONRY BRICK WITH STEEL IN POSITION
SCALE 1:10 ON A4 DRAWING SHEET



FRONT ELEVATION AND SECTION AA OF REINFORCED CONCRETE LINTEL
SCALE 1:10 ON A4 DRAWING SHEET (15)

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3.2



GEOMETRICAL CONSTRUCTION OF A SEMICIRCULAR ARCH
SCALE 1:10 ON A4 DRAWING SHEET (20)
[35]

TOTAL: 100

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