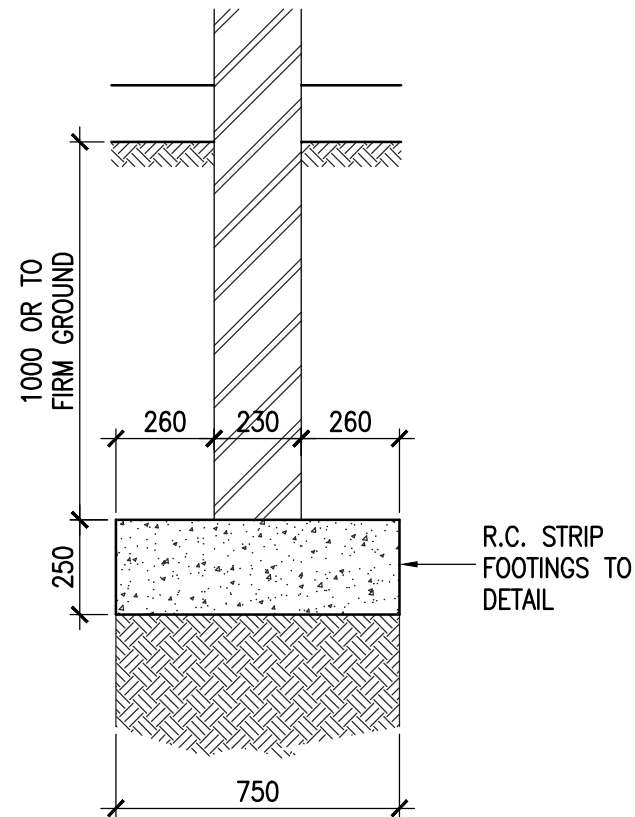
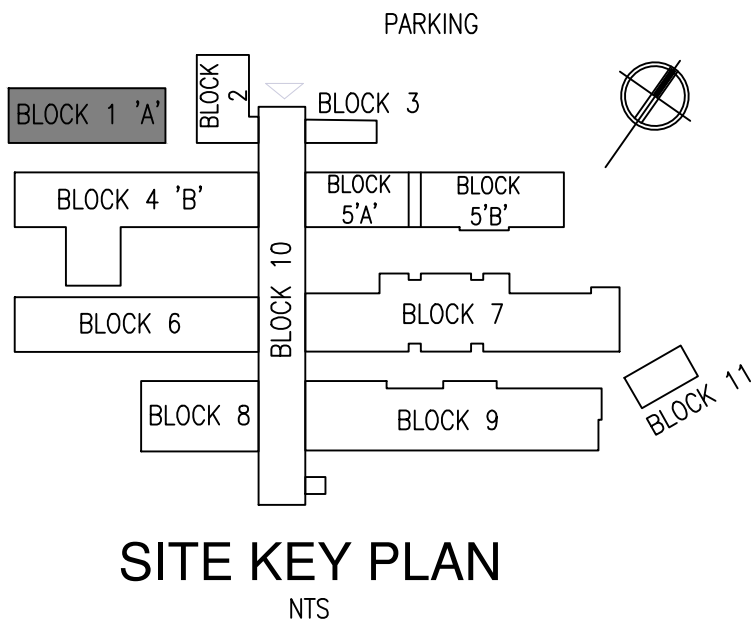




NOTES

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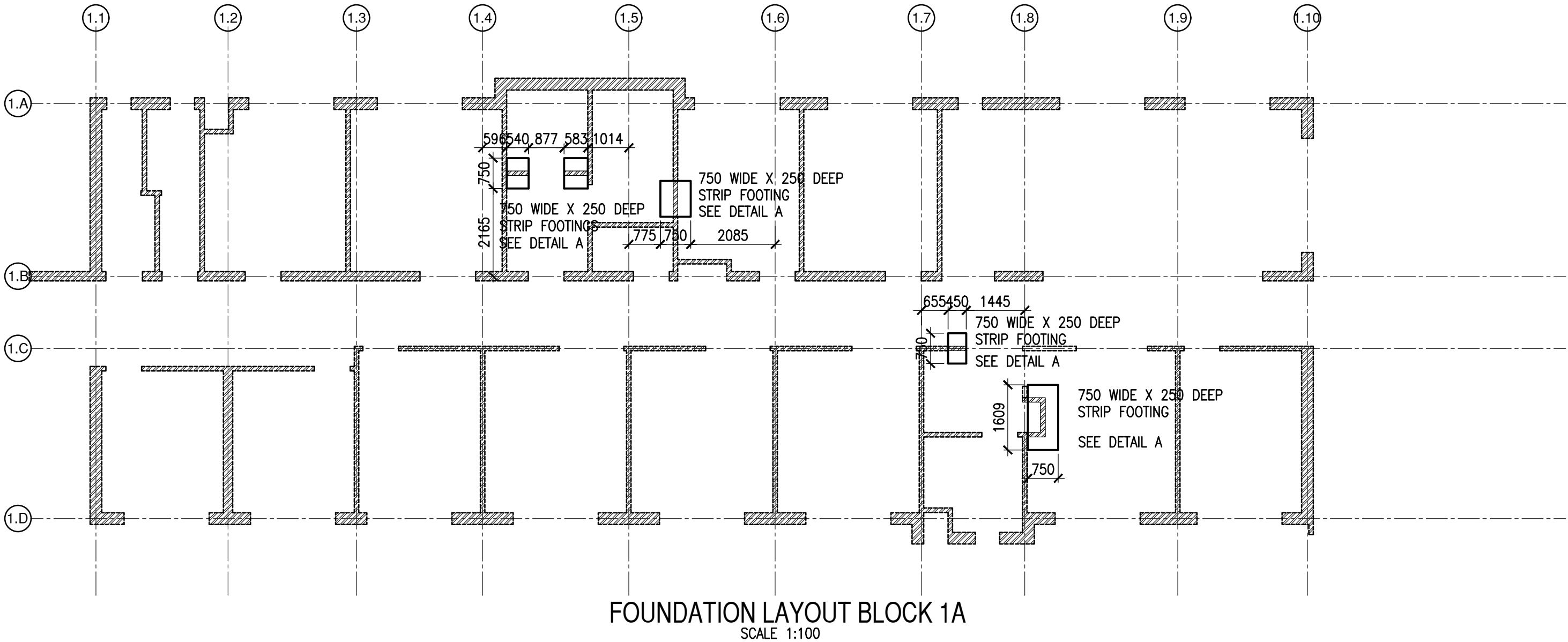
7 CONCRETE STRENGTH AT 28 DAYS

COLUMNS	30 MPa
WALLS	25 MPa
STAIRS	25 MPa
SLABS	30 MPa
BEAMS	30 MPa
BLINDING	15 MPa
BASES	25 MPa
GROUND BEAMS	25 MPa

8 CONCRETE COVER TO REINFORCEMENT

BASES	50mm
SLABS	20mm
BEAMS	30mm
COLUMNS	30mm
GROUND BEAMS	50mm
SURFACE BED	50mm

- 9 WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.



PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION

CLIENT NAME
DEPARTMENT OF PUBLIC WORKS - KZN

USER DEPARTMENT
DEPARTMENT OF HEALTH

PROJECT INFORMATION

PROJECT DESCRIPTION
**KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT**

SITE DESCRIPTION

**CONSOLIDATED SITE OF SUB 199, SUB TBH2,
SUB 1 OF TBH, SUB 180 AND SUB TBH OF C
OF THE FARM SPRINGFIELD NO. 802.**

DRAWING INFORMATION

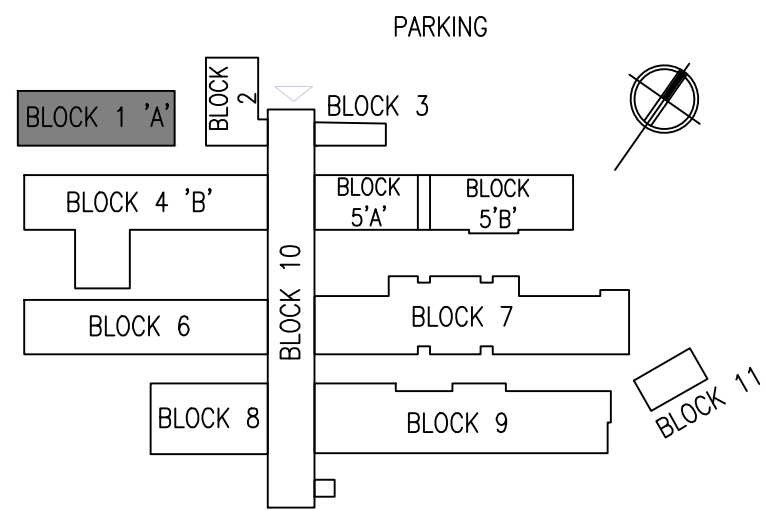
DRAWING TITLE
**STAGE 4.2 - TENDER
BLOCK 01 - OUTPATIENTS BLOCK 'A'
FOUNDATION LAYOUT**

DRAWN	L.NKWANYANA	DATE
SCALES	AS SHOWN	14/04/2022

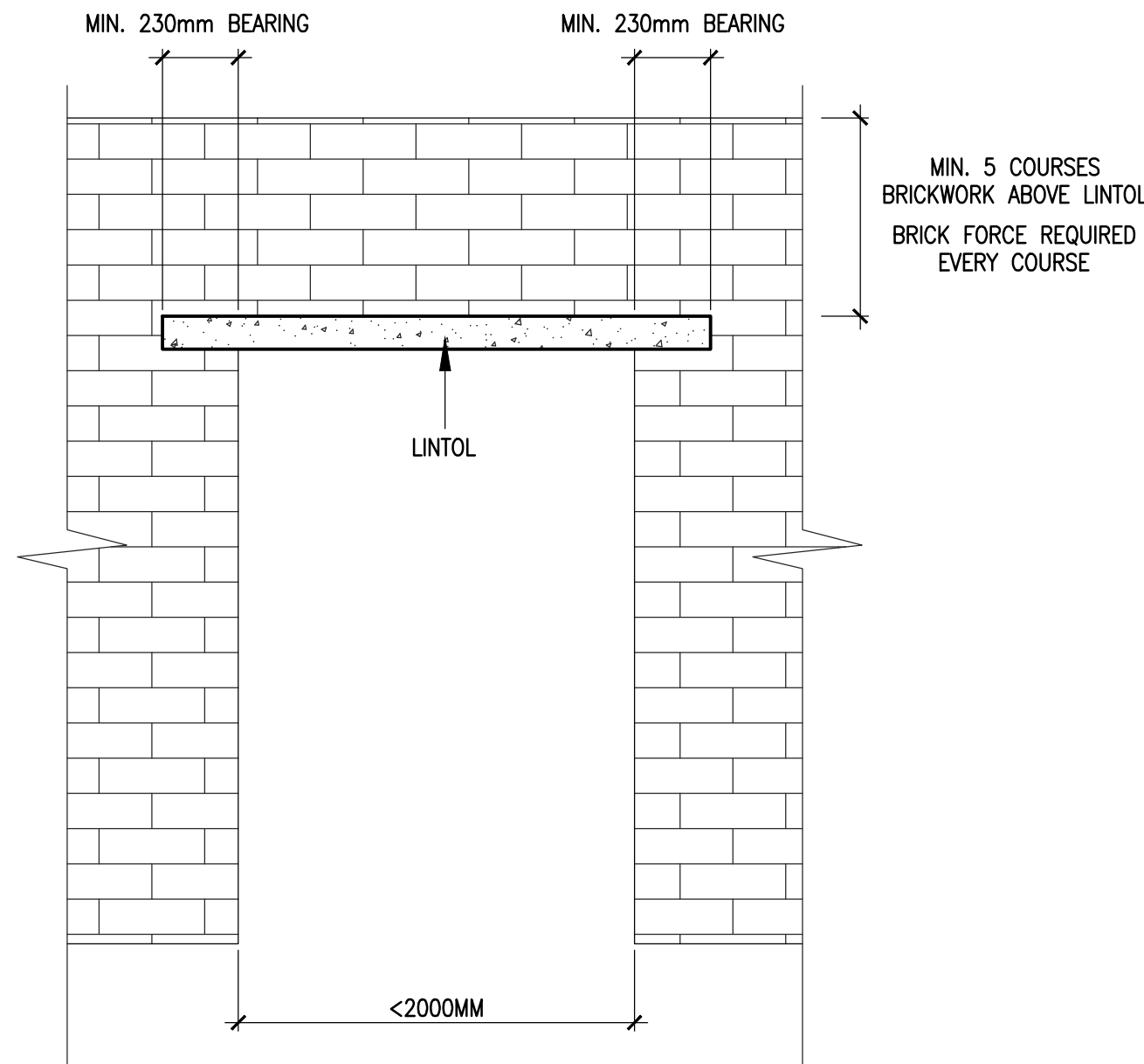
CONSULTANT DRAWING NUMBER	REVISION
300-01	T01

DOPW DRAWING NUMBER	
WIMS NO : 062709	

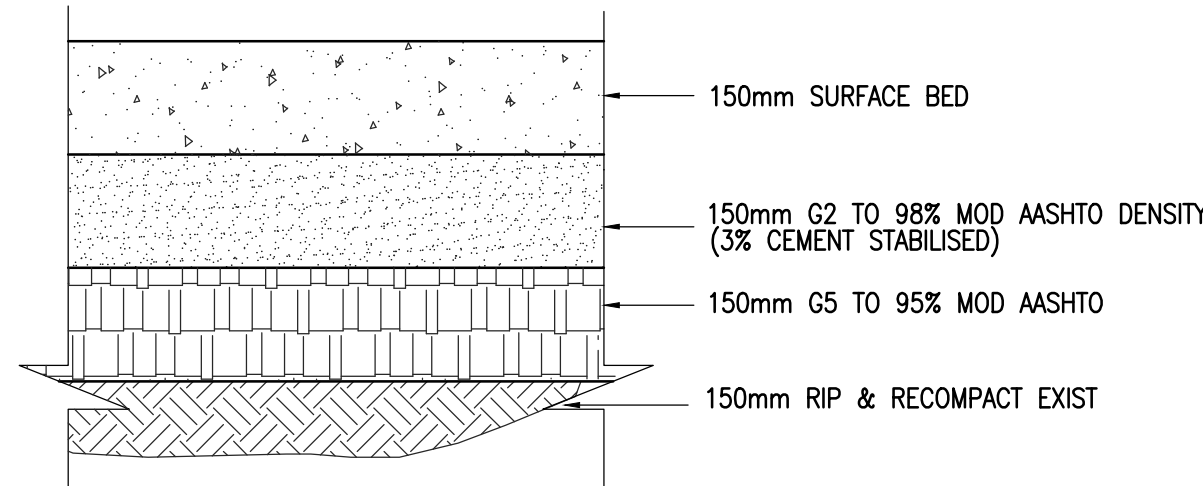
STAMPED BY PLANS APPROVAL COMMITTEE



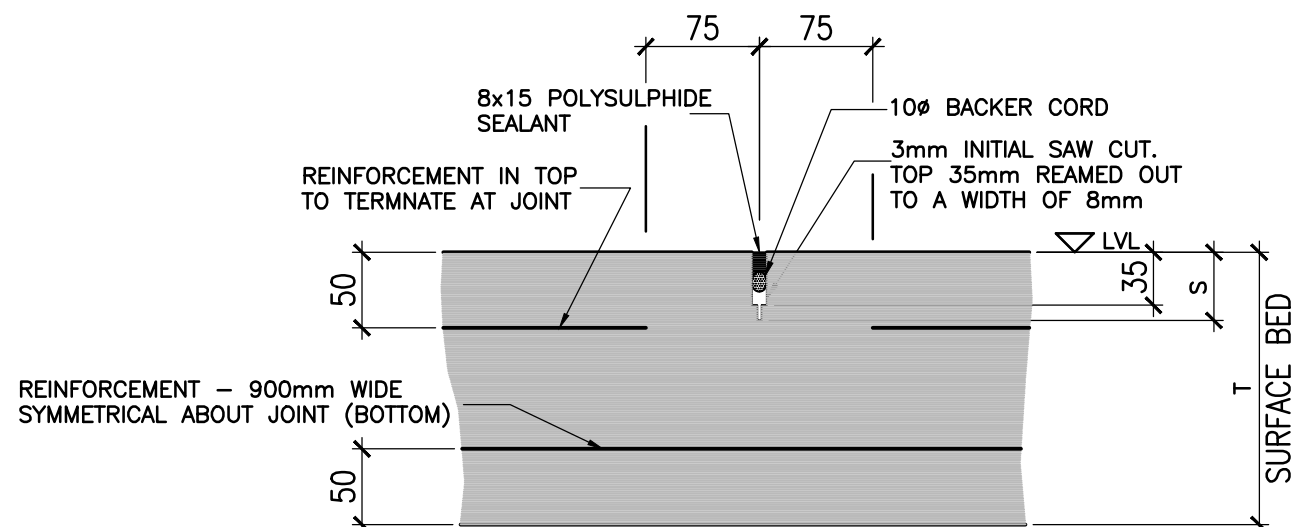
SITE KEY PLAN
NTS



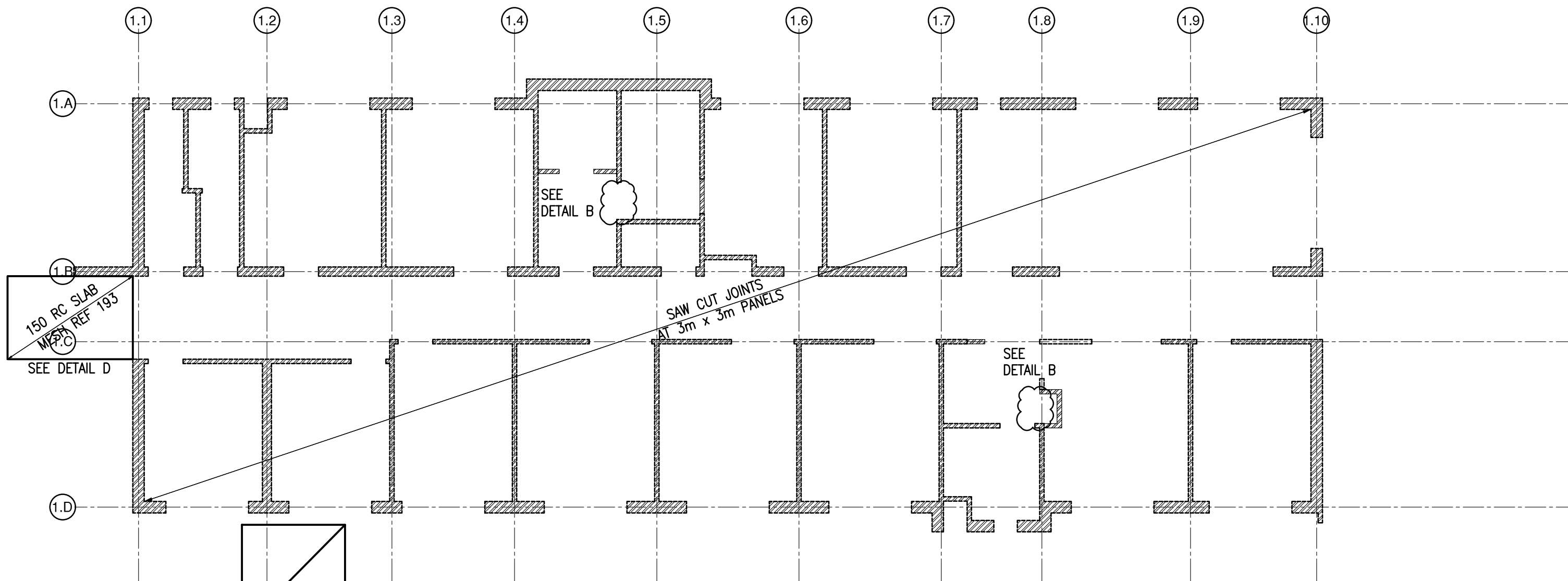
DETAIL B
ELEVATION
TYPICAL DETAIL FOR NEW OPENINGS
SCALE 1:20



DETAIL D
TYPICAL LAYERWORKS
SCALE 1:10



TYPICAL DETAIL OF
SAW CUT JOINTS (SC)
SCALE - N.T.S.



ALLOWANCE FOR
POSSIBLE AIR HANDLING UNIT(MECH ENG)
SEE TYPICAL DETAIL
ON DWG NO.500-12

NOTE:
SAW CUT JOINTS ACROSS
ENTIRE SURFACE BED AT
3m x 3m PANELS

NOTE:
FOR ALL NEW OPENINGS
SEE DETAILS B

NOTES

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- CONCRETE STRENGTH AT 28 DAYS
COLUMNS 30 MPa
WALLS 25 MPa
STAIRS 25 MPa
SLABS 30 MPa
BEAMS 30 MPa
BLINDING 15 MPa
BASES 25 MPa
GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
BASES 50mm
SLABS 30mm
COLUMNS 30mm
GROUND BEAMS 50mm
SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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public works
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PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

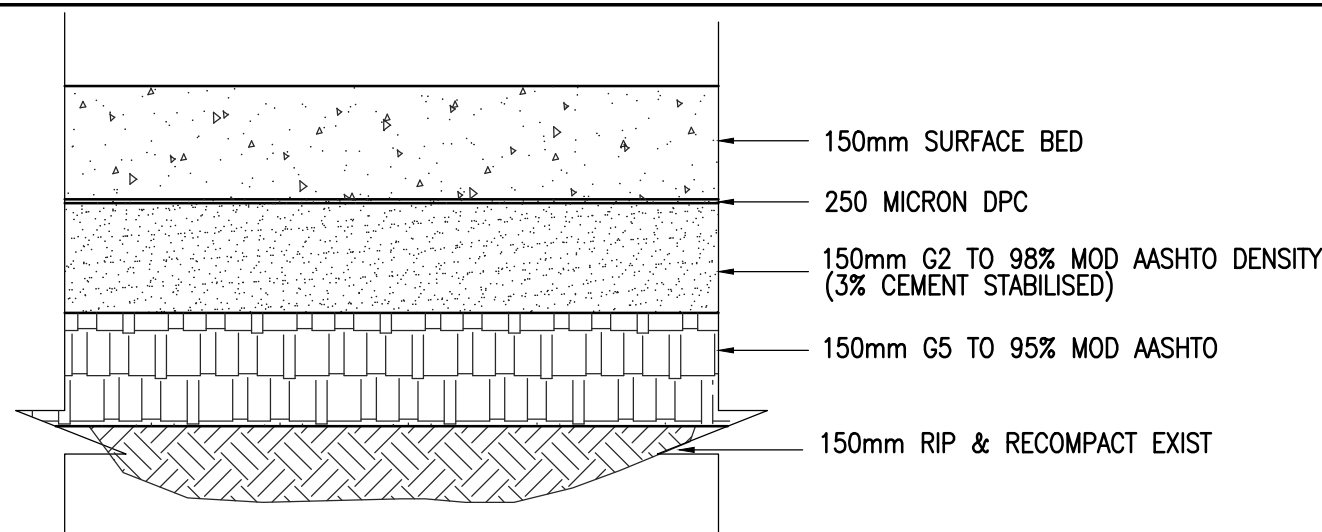
SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION	
DRAWING TITLE	STAGE 4.2 - TENDER BLOCK 01 - OUTPATIENTS BLOCK 'A' GROUND FLOOR LAYOUT

DRAWN	L.NKWANYANA	DATE	14/04/2022
SCALES	AS SHOWN	REVISION	T01
CONSULTANT DRAWING NUMBER	500-01	DOPW DRAWING NUMBER	WIMS NO : 062709
STAMPED BY PLANS APPROVAL COMMITTEE			

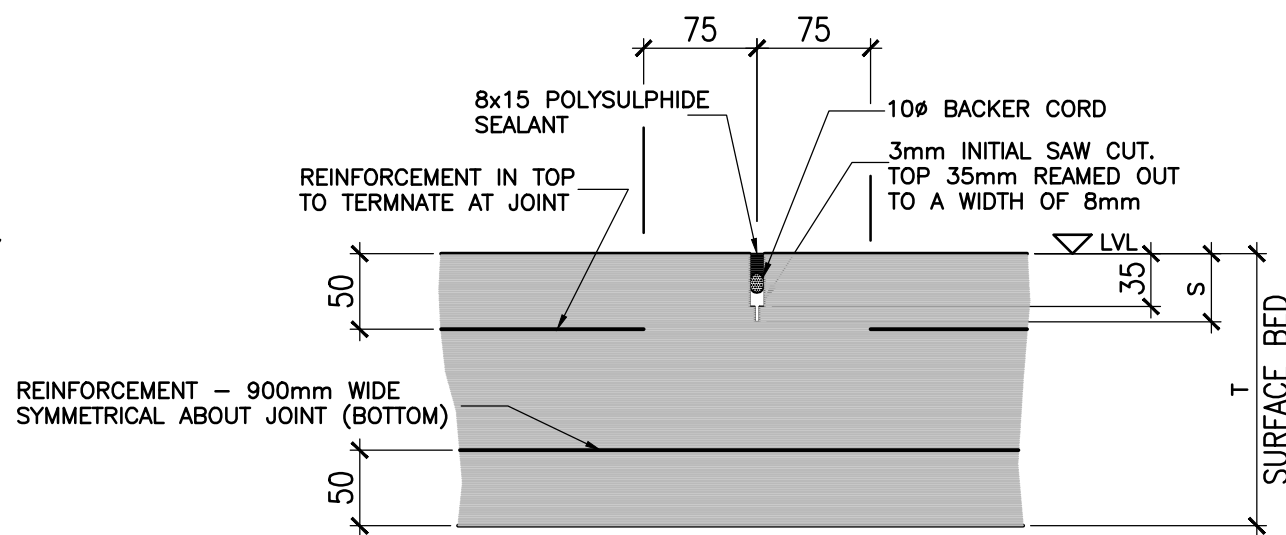
TO BE READ
IN CONJUNCTION
WITH DRAWING
NO.500-12

PRELIMINARY



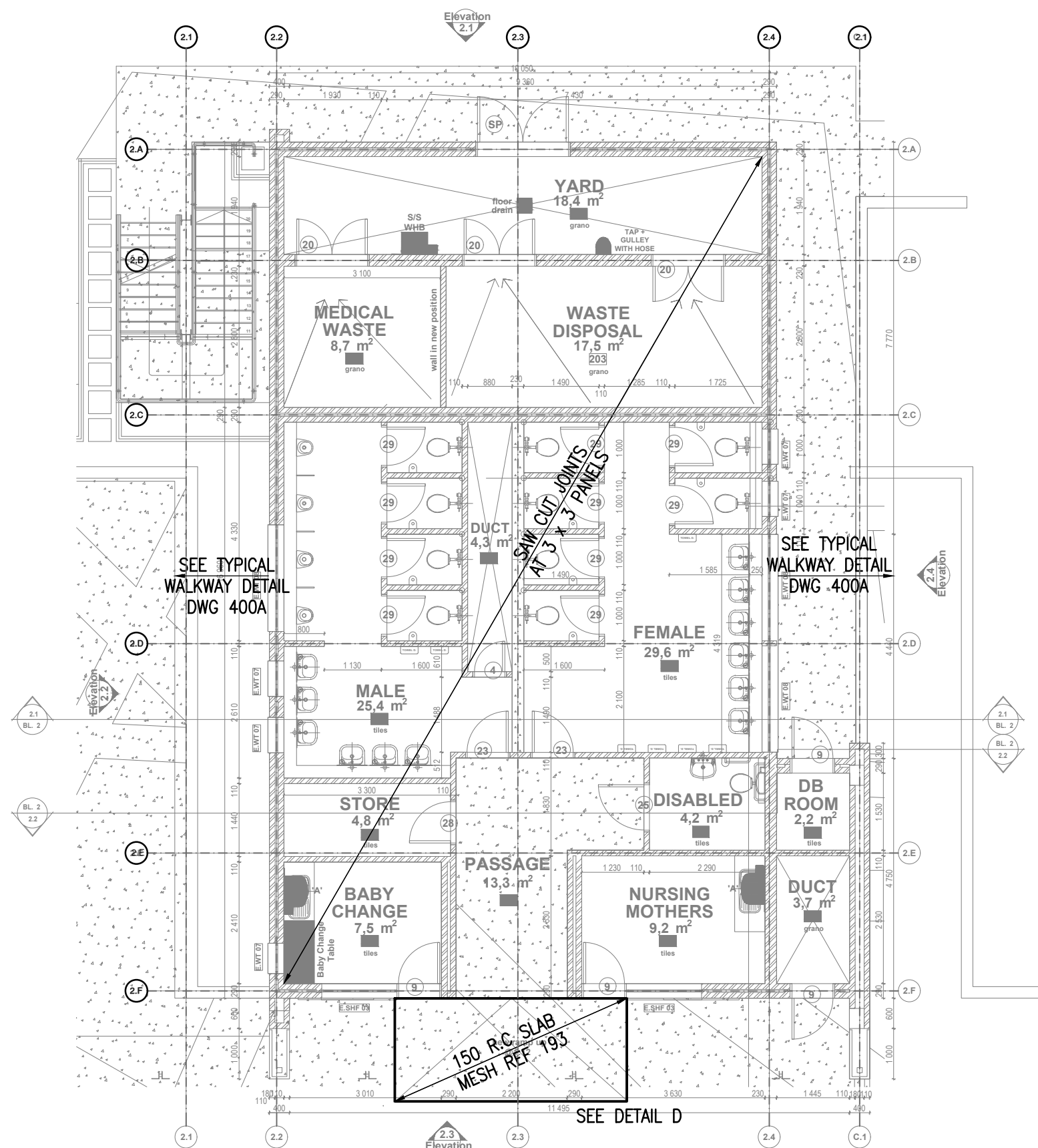
DETAIL D
TYPICAL LAYERWORKS

SCALE 1:10



TYPICAL DETAIL OF
SAW CUT JOINTS (SC)

SCALE - N.T.S.



BLOCK 2
GROUND FLOOR
LAYOUT

SCALE 1:100

NOTE:
SAW CUT JOINTS ACROSS
ENTIRE SURFACE BED AT
3m x 3m PANELS

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 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 20mm
 - BEAMS 30mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY
DO NOT SCALE.

TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN
P04	24/03/2020	DETAIL D AMENDED	N.B

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
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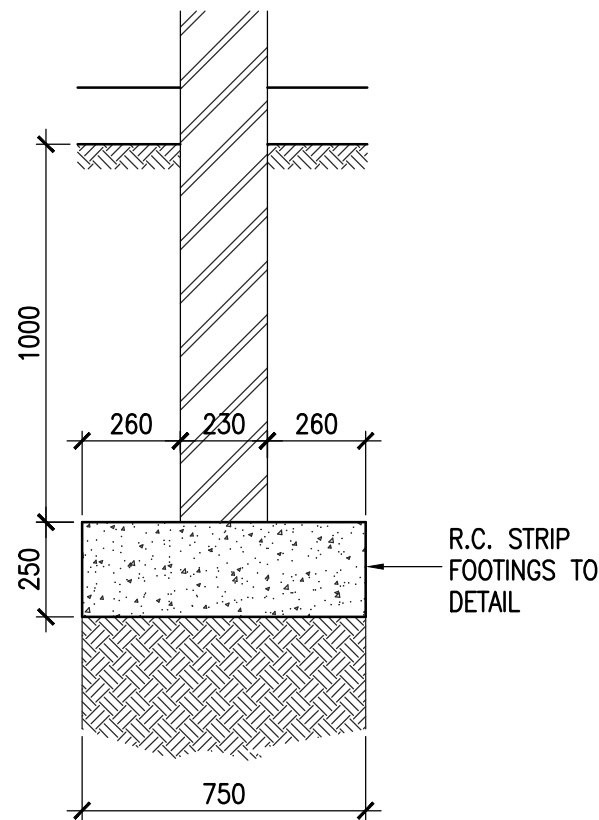
PROJECT DESCRIPTION
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION

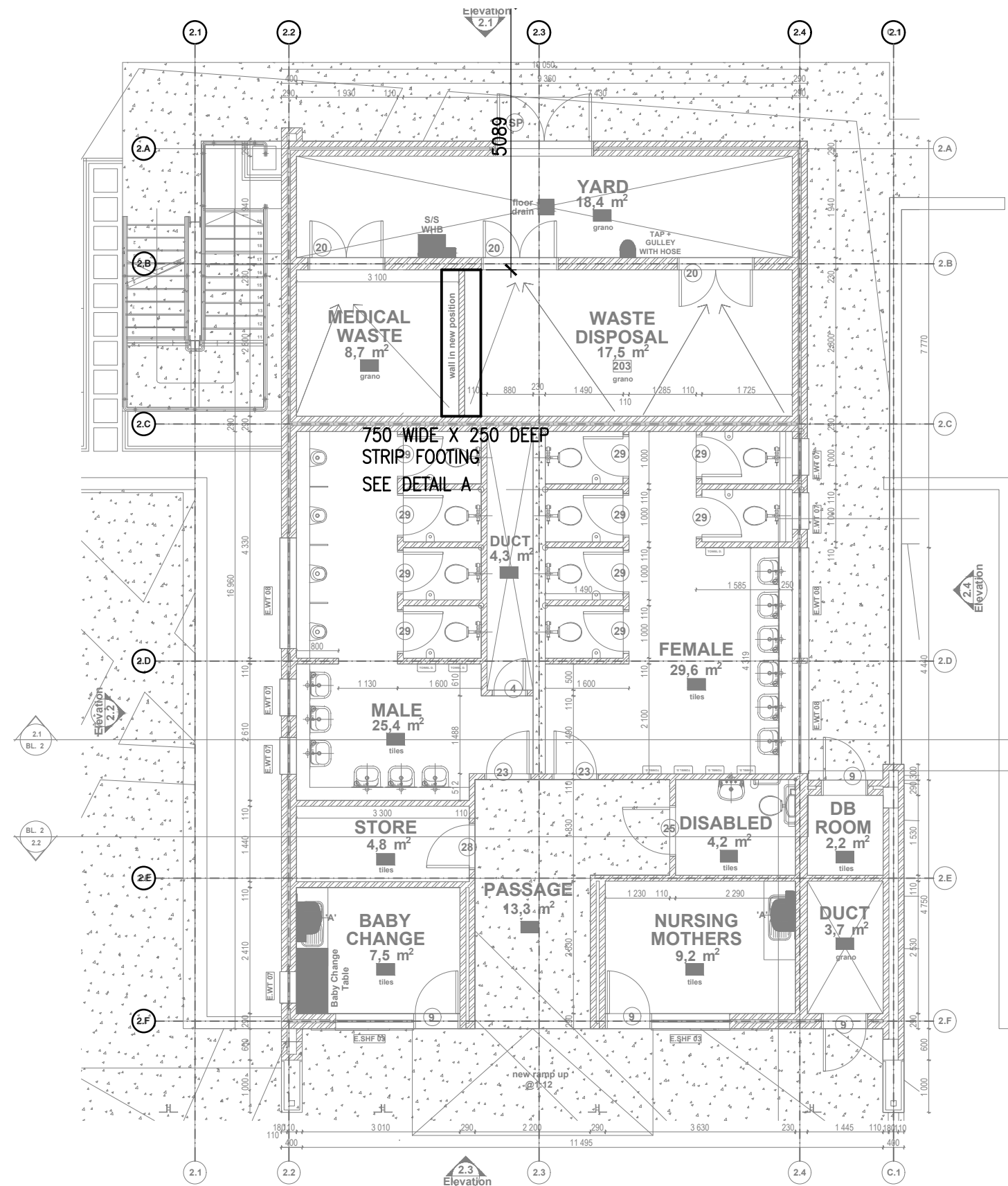
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION

DRAWING TITLE		
STAGE 4.2- TENDER BLOCK 02 - ABLUTION & CHILLER GROUND FLOOR LAYOUT		
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	14/04/2022
CONSULTANT DRAWING NUMBER	500-02	REVISION
DOPW DRAWING NUMBER	WIMS NO : 062709	T01
STAMPED BY PLANS APPROVAL COMMITTEE		



DETAIL A
SCALE 1:20



BLOCK 2
FOUNDATION LAYOUT
SCALE 1:100

NOTE:
750 WIDE x 250 DEEP
STRIP FOOTINGS UNDER
ALL NEW BRICKWORK
(SEE DETAIL A)

NOTES

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- 50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
- CONCRETE STRENGTH AT 28 DAYS
 - COLUMNS 30 MPa
 - WALLS 25 MPa
 - STAIRS 25 MPa
 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 20mm
 - BEAMS 30mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES			
FACILITY STAMP			
FACILITY STAMP			
INFRASTRUCTURE MANAGER			
GENERAL MANAGER			

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT

SITE DESCRIPTION

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OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION

DRAWING TITLE
STAGE 4.2 - TENDER
BLOCK 02 - ABLUTION & CHILLER
FOUNDATION LAYOUT

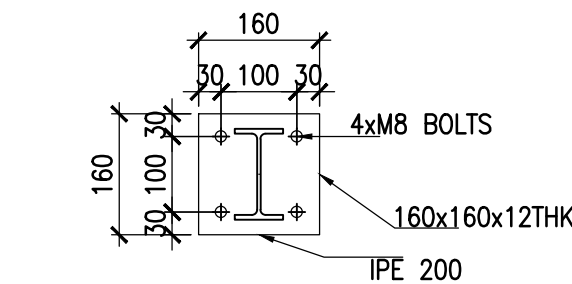
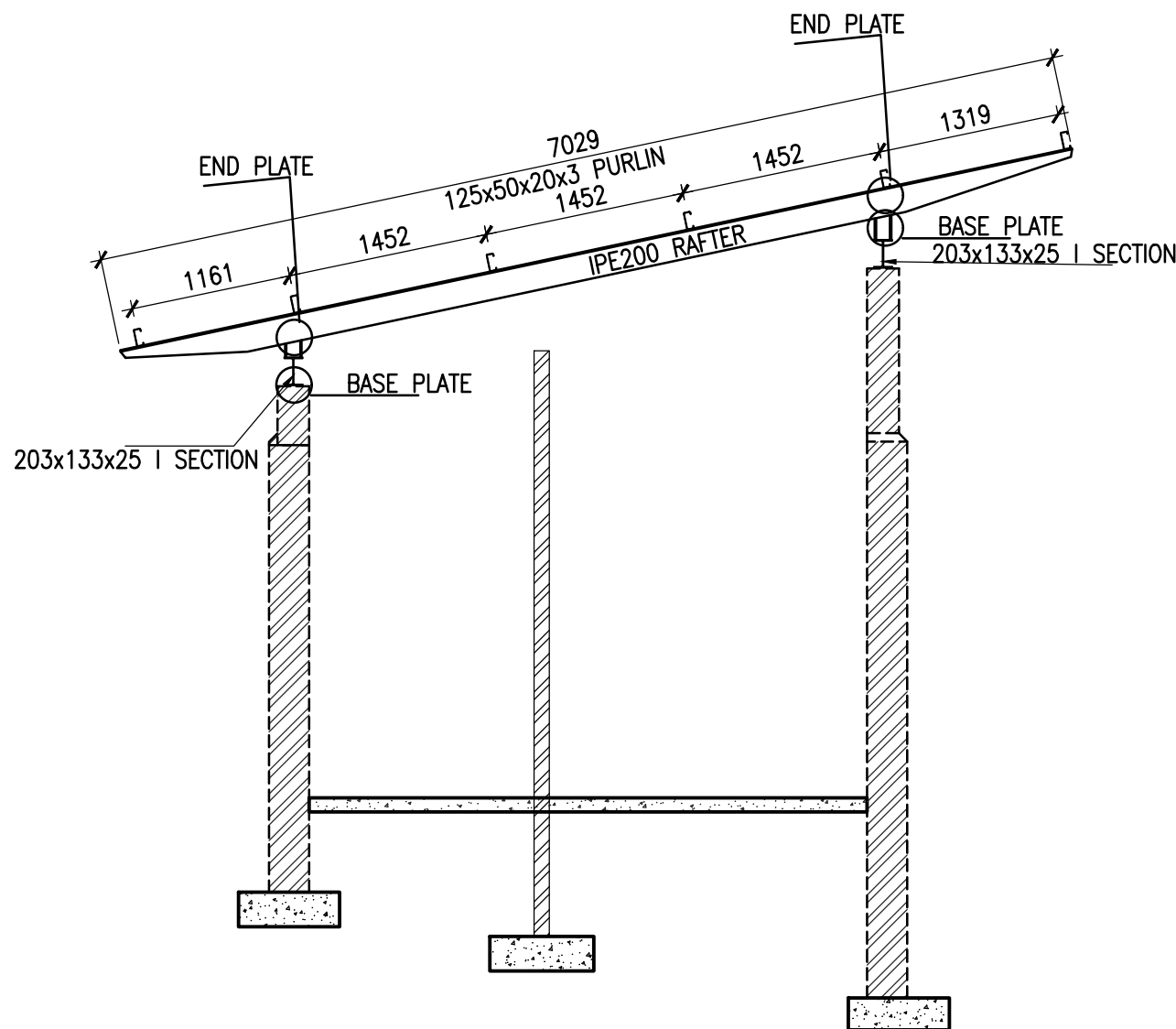
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	14/04/2022
CONSULTANT DRAWING NUMBER	300-02	REVISION
DOPW DRAWING NUMBER	WIMS NO : 062709	T01

STAMPED BY PLANS APPROVAL COMMITTEE

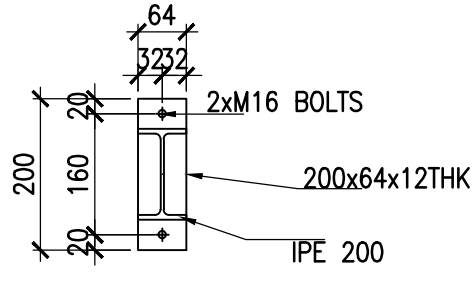
TENDER

NOTES

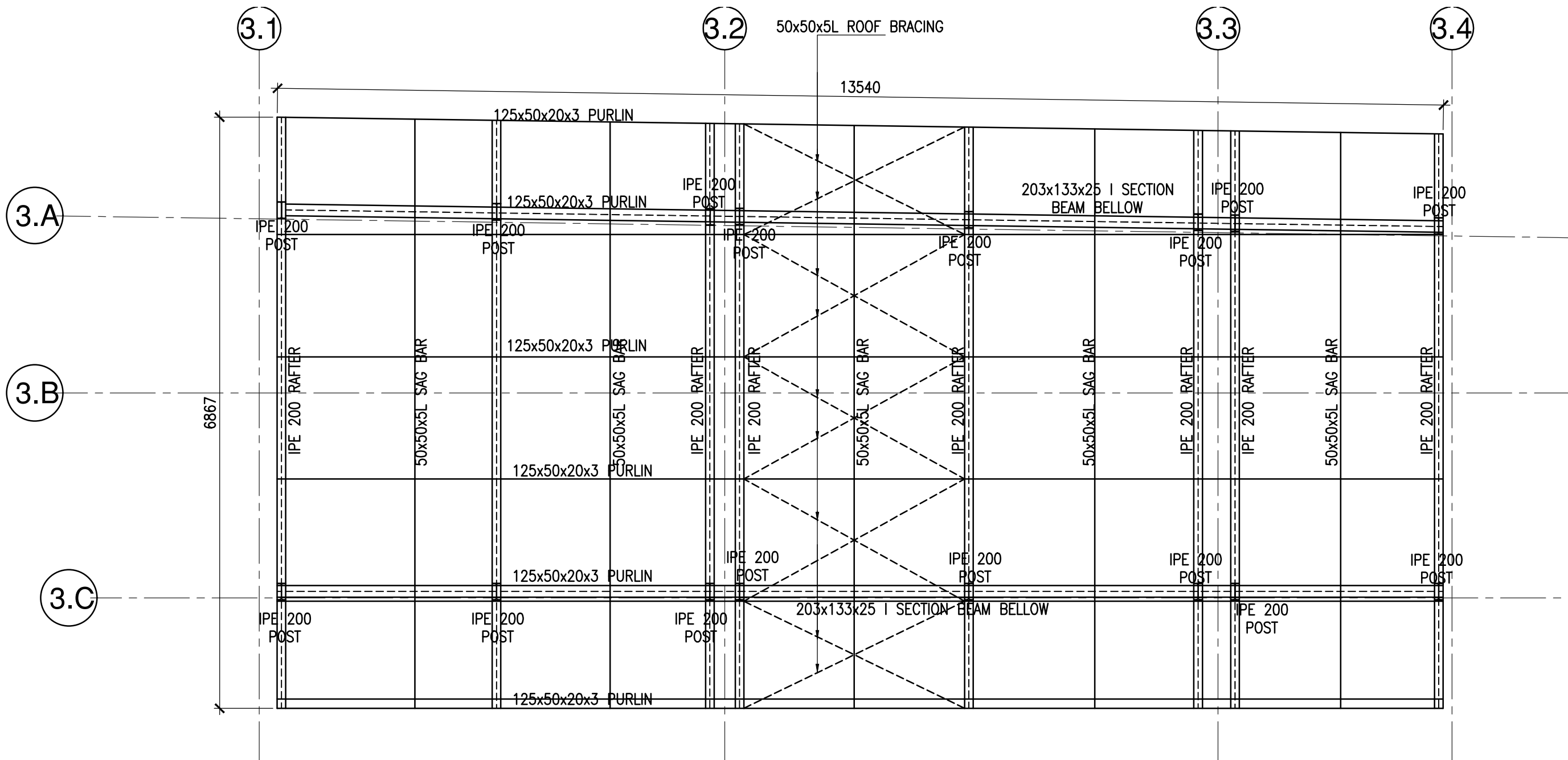
- 1 ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF SANS 2001 – CSI: 2005 CONSTRUCTION WORKS PART CSI : STRUCTURAL STEELWORK
- 2 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT PROJECT DRAWINGS AND ANY DISCREPANCY REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- 3 ALL WELDS SHALL BE 6mm FILLET WELDS UNLESS OTHERWISE NOTED. CFW DENOTES CONTINUOUS FILLET WELDS.
- 4 FABRICATION, PRIMING AND ERECTION SHALL BE IN ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS.
- 5 PAINT SPECIFICATION _ REFER TO THE TENDER DOCUMENTATION.
- 6 STRUCTURAL STEELWORK SHALL BE TO THE FOLLOWING:–
HOT ROLLED SECTIONS:
– SANS 1431 GRADE 350W
HOT ROLLED PLATE:
– SANS 1431 GRADE 300W
COLD ROLLED SECTIONS SHALL HAVE A MINIMUM YIELD OF 225 MPa.
- 7 SITE MEASUREMENT
THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ON-SITE MEASUREMENT OF EXISTING STRUCTURES PERTAINING TO NEW STEELWORK. HENCE ALL DIMENSIONS INDICATED ON DRAWINGS ARE TO BE CHECKED ON SITE.



BASE PLATE DETAIL



CAP PLATE DETAIL



	NEW BRICK WALL
	EXISTING BRICK WALL

PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES

FACILITY STAMP	
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INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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DEPARTMENT OF HEALTH

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PROJECT DESCRIPTION
KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT

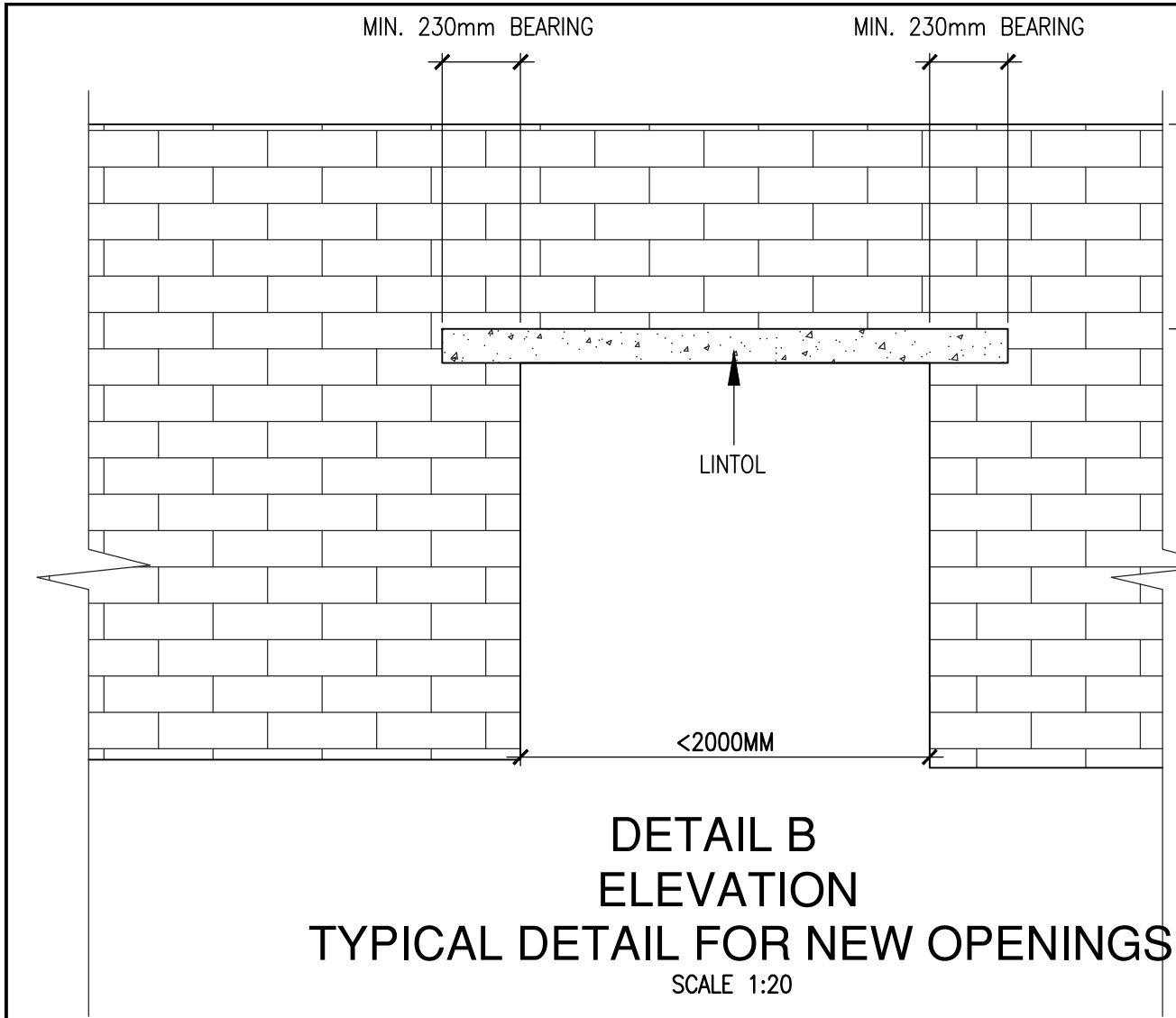
SITE DESCRIPTION
CONSOLIDATED SITE OF SUB 199, SUB TBH2,
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OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION

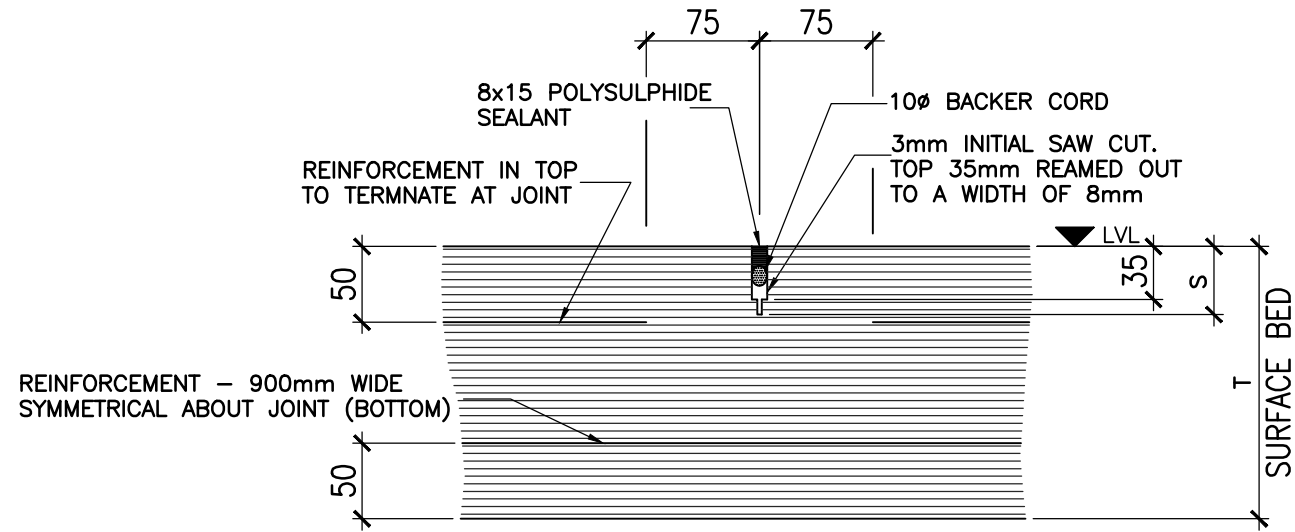
DRAWING TITLE
STAGE4.2 - TENDER
BLOCK 03 - TRANSPORT & TUCKSHOP
ROOF PLAN LAYOUT

DRAWN	N.BADAT	DATE	07/06/2022
SCALES	AS SHOWN		
CONSULTANT DRAWING NUMBER	800-03	REVISION	T01
DOPW DRAWING NUMBER	WIMS NO : 062709		

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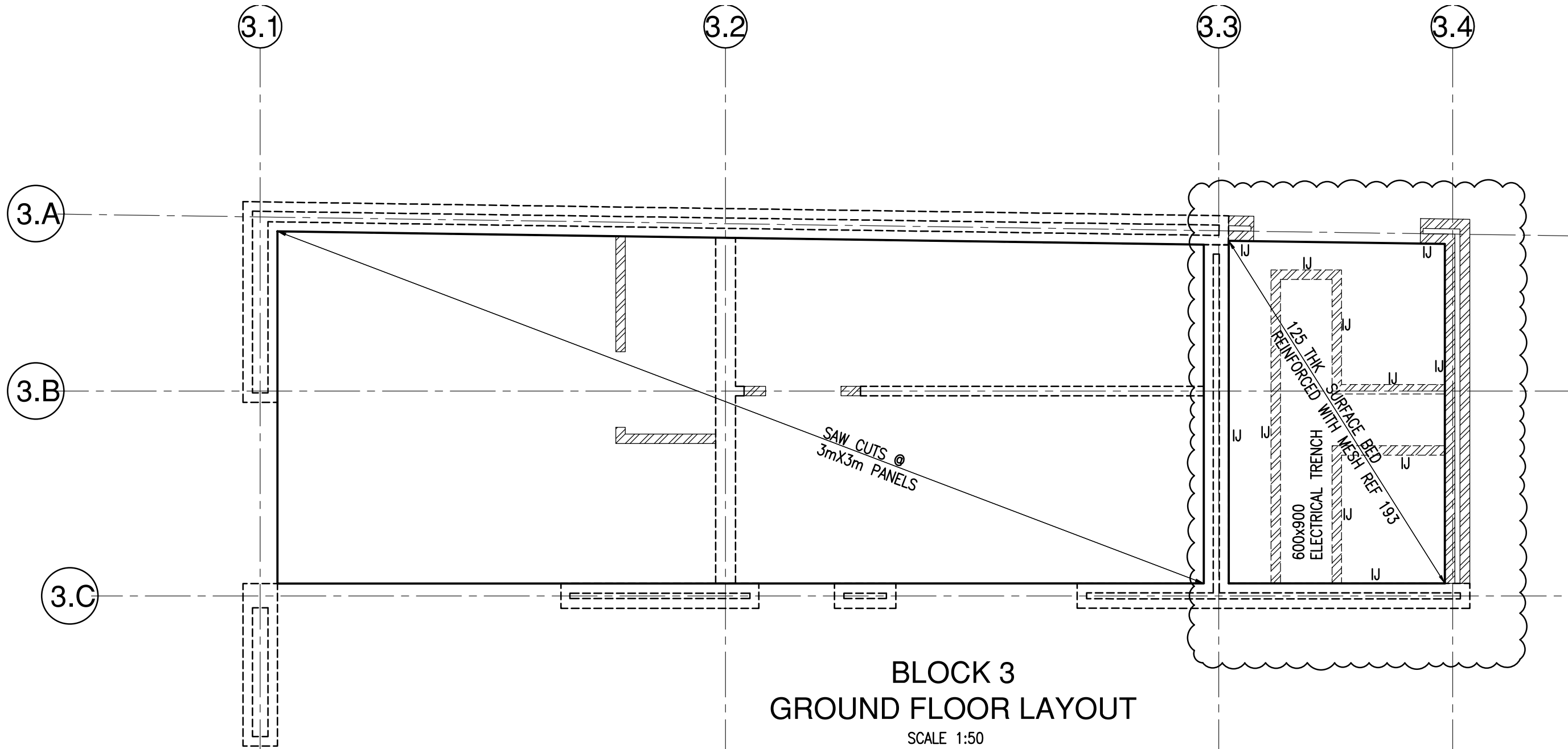
DETAIL B
ELEVATION
TYPICAL DETAIL FOR NEW OPENINGS
SCALE 1:20



TYPICAL DETAIL OF
SAW CUT JOINTS (SC)
SCALE - N.T.S.

NOTES

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COLUMNS 30 MPa
WALLS 25 MPa
STAIRS 25 MPa
SLABS 30 MPa
BEAMS 30 MPa
BLINDING 15 MPa
BASES 25 MPa
GROUND BEAMS 25 MPa
- 8 CONCRETE COVER TO REINFORCEMENT
BASES 50mm
SLABS 20mm
BEAMS 30mm
COLUMNS 30mm
GROUND BEAMS 50mm
SURFACE BED 50mm
- 9 WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.



BLOCK 3
GROUND FLOOR LAYOUT
SCALE 1:50

	NEW BRICK WALL
	EXISTING BRICK WALL

PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

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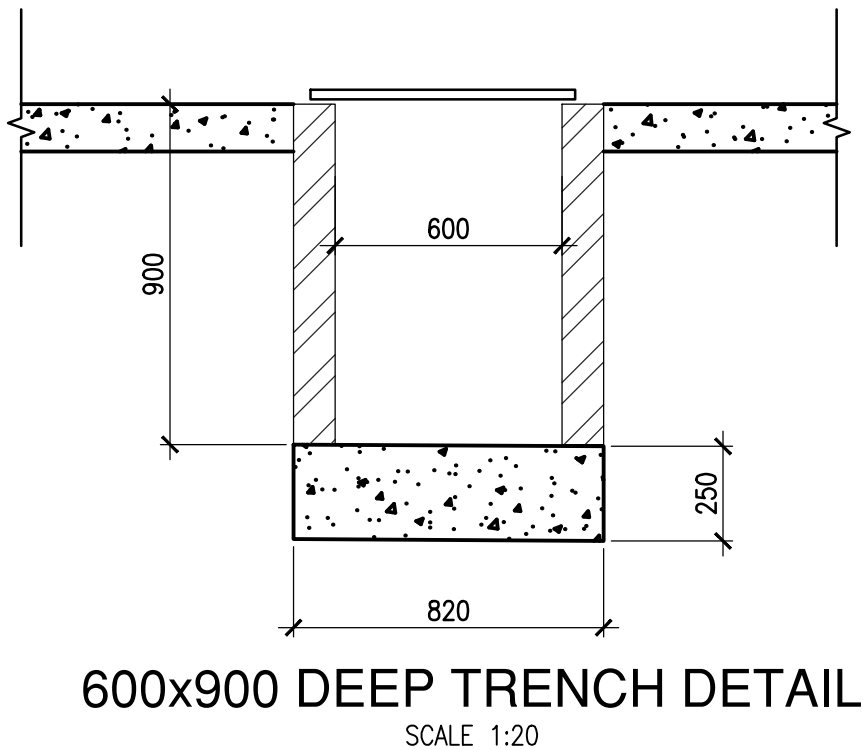
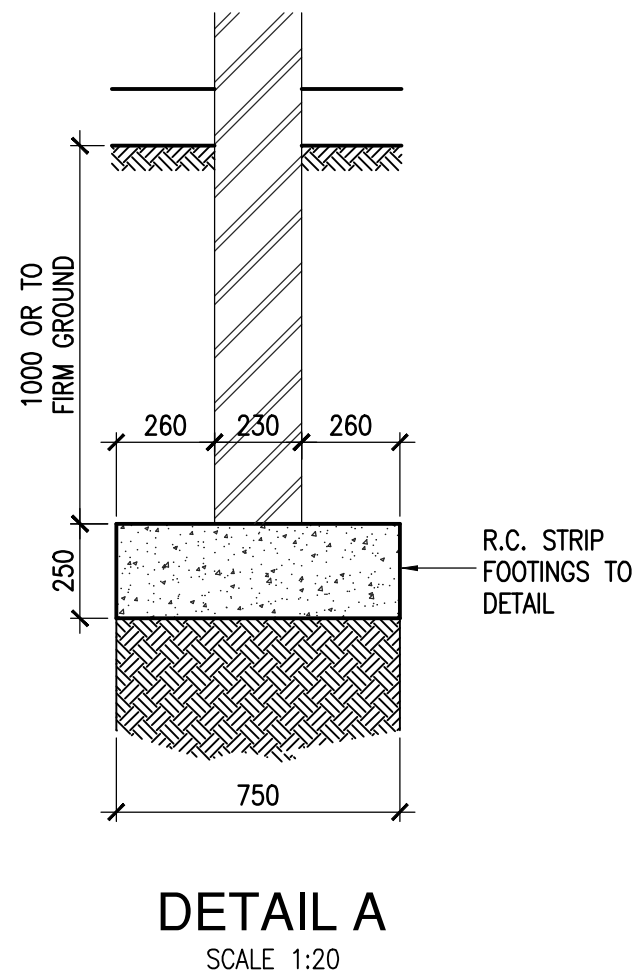
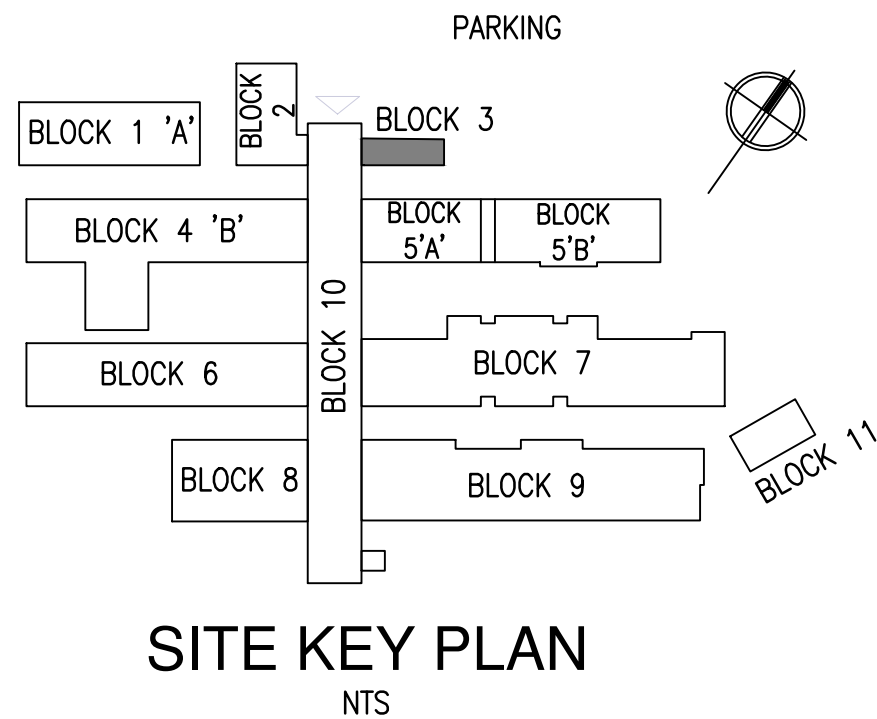
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION	
DRAWING TITLE	STAGE4.2 - TENDER BLOCK 03 - TRANSPORT & TUCKSHOP GROUND FLOOR LAYOUT

DRAWN	N.BADAT	DATE	03/06/2022
SCALES	AS SHOWN		
CONSULTANT DRAWING NUMBER	500-03	REVISION	T02
DOPW DRAWING NUMBER	WIMS NO : 062709		

STAMPED BY PLANS APPROVAL COMMITTEE



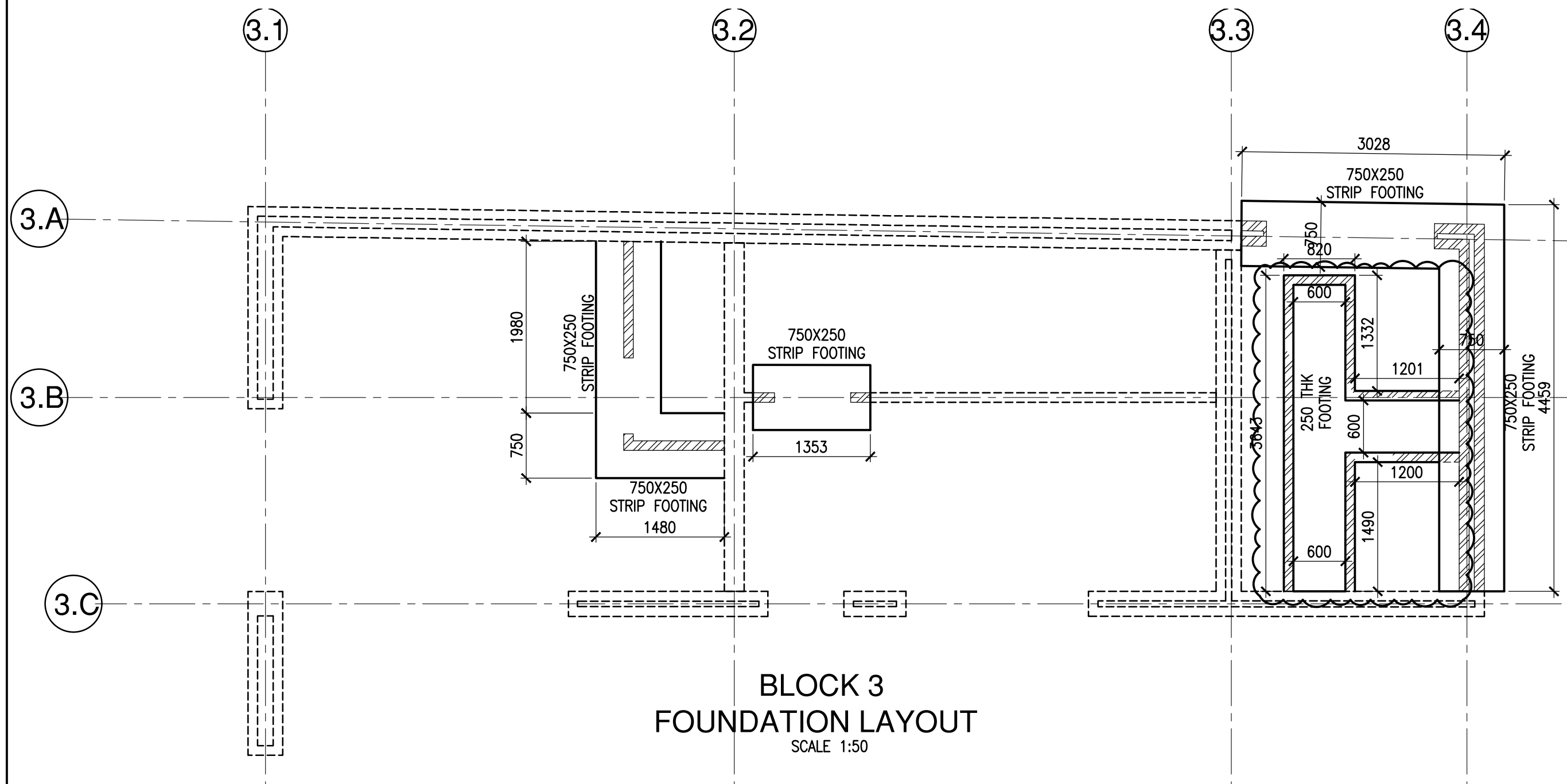
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- CONCRETE STRENGTH AT 28 DAYS

COLUMNS	30 MPa
WALLS	25 MPa
STAIRS	25 MPa
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BLINDING	15 MPa
BASES	25 MPa
GROUND BEAMS	25 MPa
- CONCRETE COVER TO REINFORCEMENT

BASES	50mm
SLABS	20mm
BEAMS	30mm
COLUMNS	30mm
GROUND BEAMS	50mm
SURFACE BED	50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

	NEW BRICK WALL
	EXISTING BRICK WALL



PRELIMINARY

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NO.	DATE	DESCRIPTION	DRAWN

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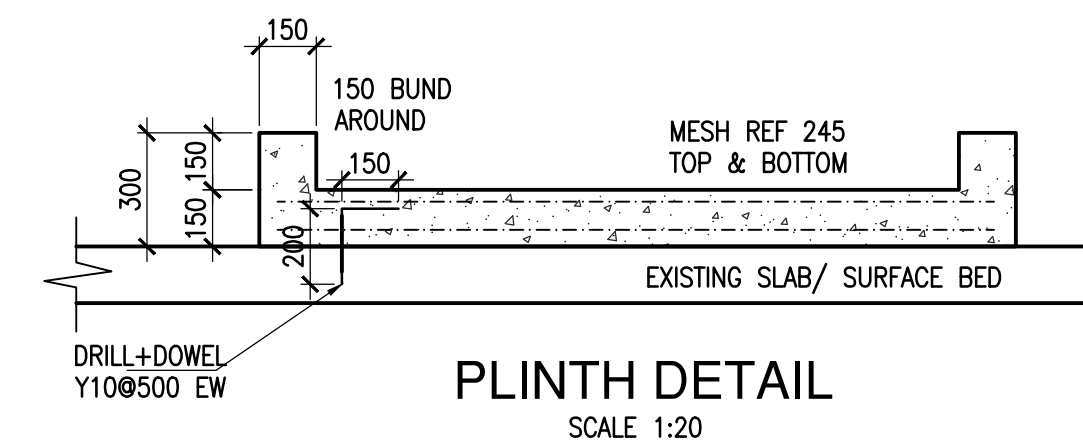
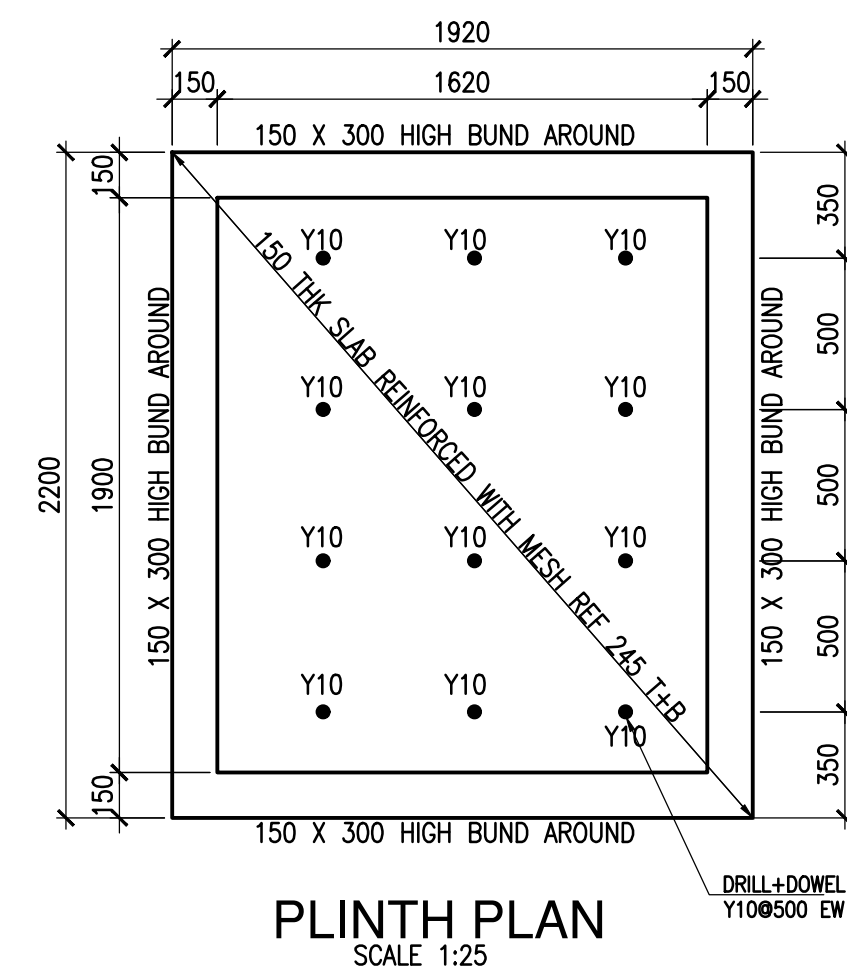
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SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION	
DRAWING TITLE	STAGE 3 - DESIGN DEVELOPMENT BLOCK 03 - TRANSPORT & TUCKSHOP FOUNDATION LAYOUT

DRAWN	L.NKWANYANA	DATE	03/06/2022
SCALES	AS SHOWN		
CONSULTANT DRAWING NUMBER	300-03	REVISION	T02
DOPW DRAWING NUMBER	WIMS NO : 062709		

STAMPED BY PLANS APPROVAL COMMITTEE



- | | | |
|---|--|--------|
| 7 | CONCRETE STRENGTH AT 28 DAYS | |
| | COLUMNS | 30 MPa |
| | WALLS | 25 MPa |
| | STAIRS | 25 MPa |
| | SLABS | 30 MPa |
| | BEAMS | 30 MPa |
| | BLINDING | 15 MPa |
| | BASES | 25 MPa |
| | GROUND BEAMS | 25 MPa |
| 8 | CONCRETE COVER TO REINFORCEMENT | |
| | BASES | 50mm |
| | SLABS | 30mm |
| | COLUMNS | 30mm |
| | GROUND BEAMS | 50mm |
| | SURFACE BED | 50mm |
| 9 | WORK TO FIGURED DIMENSIONS ONLY
DO NOT SCALE. | |

[illegible]

GENERAL
MANAGER

DATE	
------	--

 **public works**
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT

CONSOLIDATED SITE OF SUB 199, SUB TBH2,
SUB 1 OF TBH, SUB 180 AND SUB TBH OF C
OF THE FARM SPRINGFIELD NO. 802.

DRAWING TITLE

STAGE 4.2 - TENDER
BLOCK 04 - OUTPATIENTS 'B'
GROUND FLOOR LAYOUT

	03/06/2022
--	------------

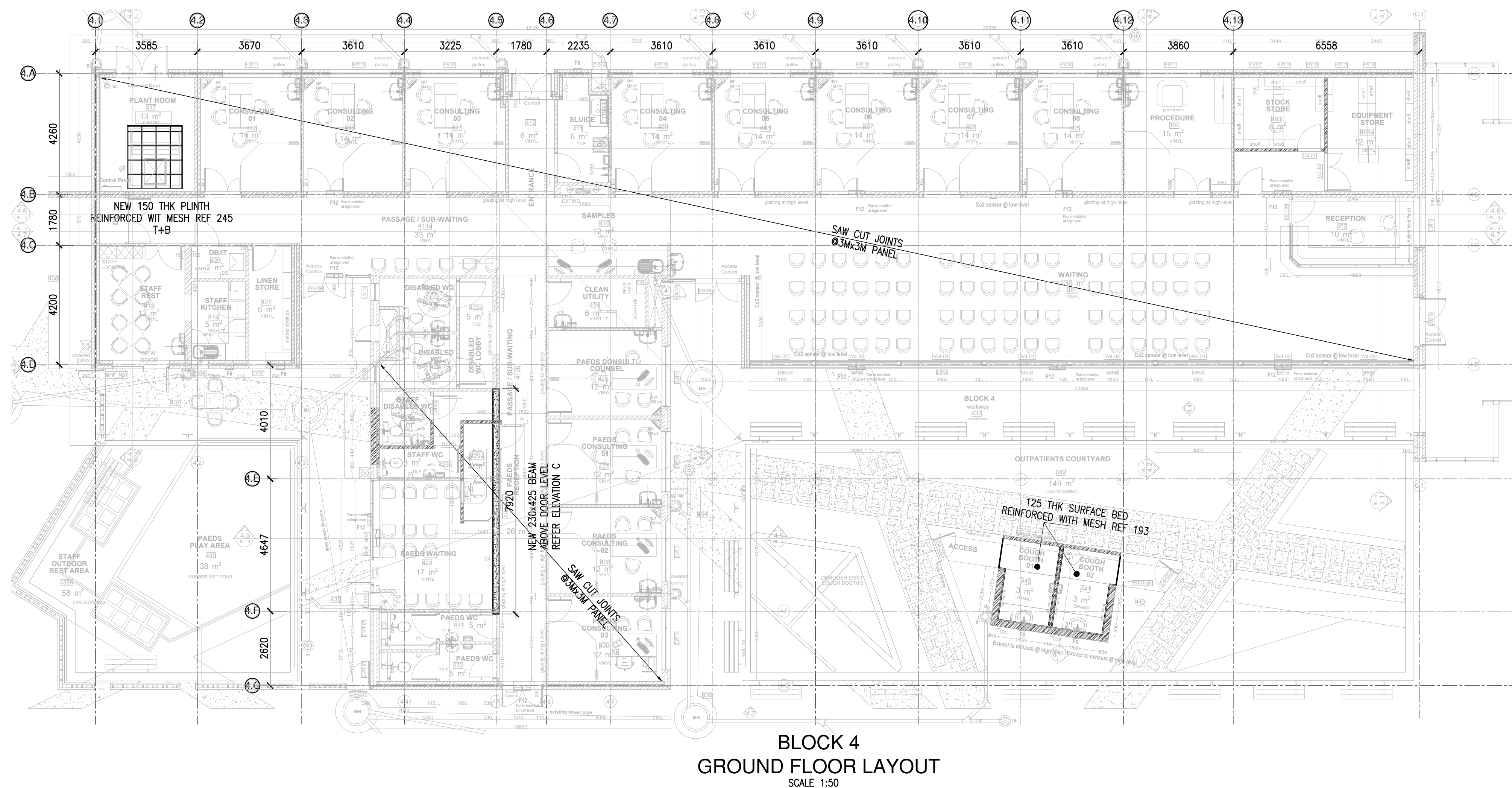
CONSULTANT DRAWING NUMBER	REVISION
500-04	T03

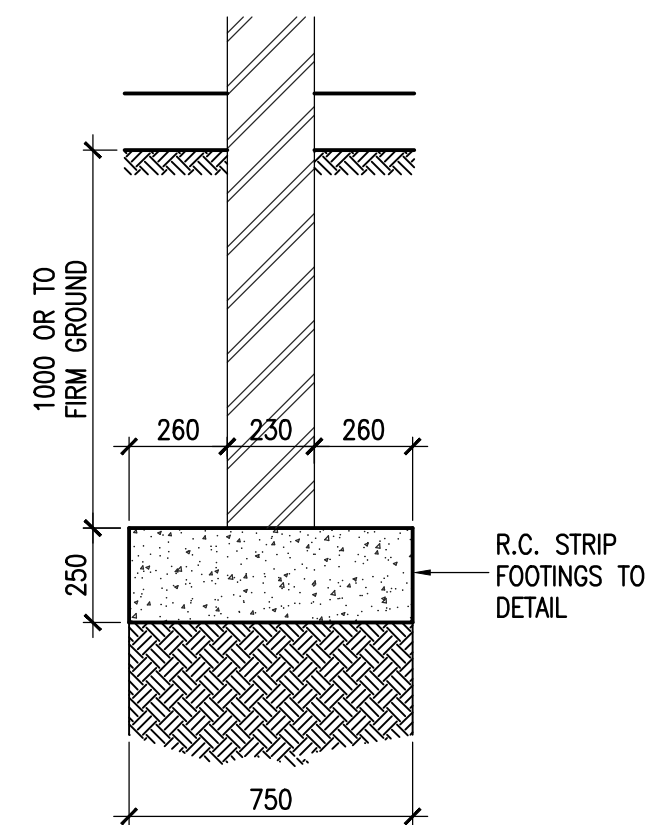
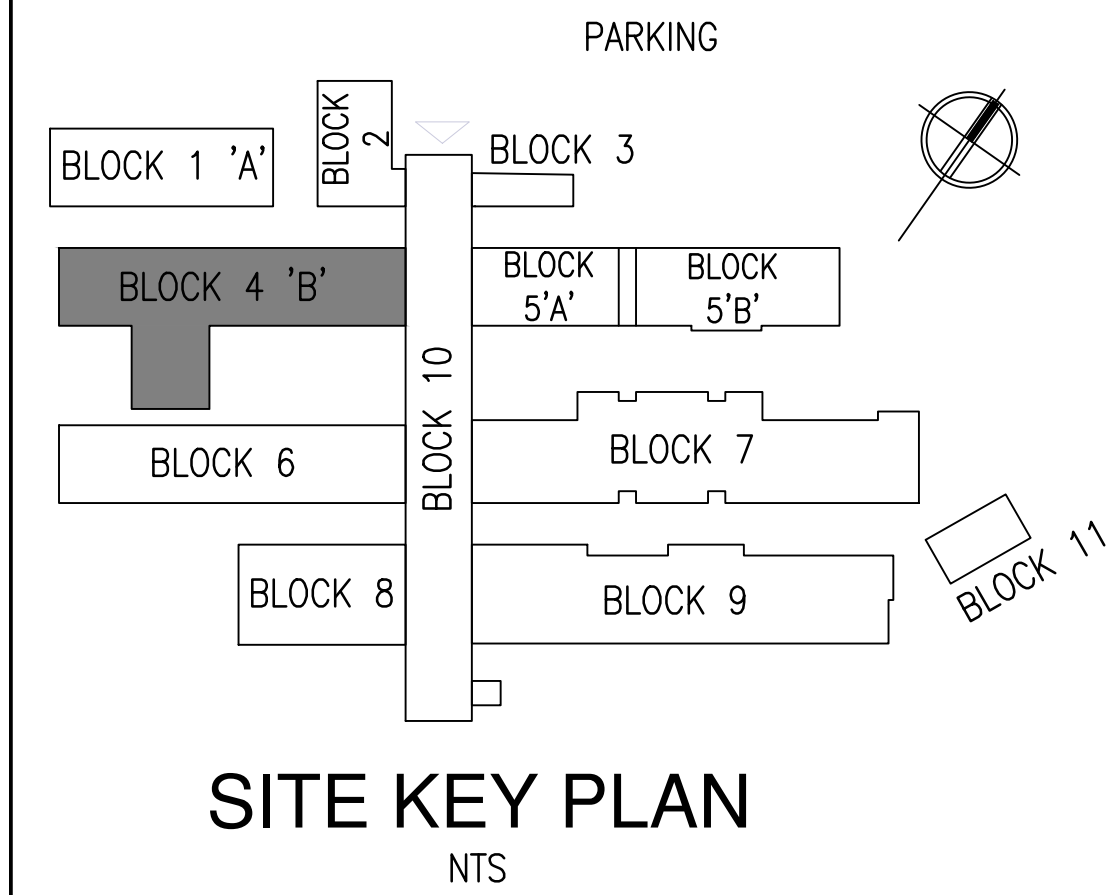
WIMS NO : 062709

WIMS NO : 002709

TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

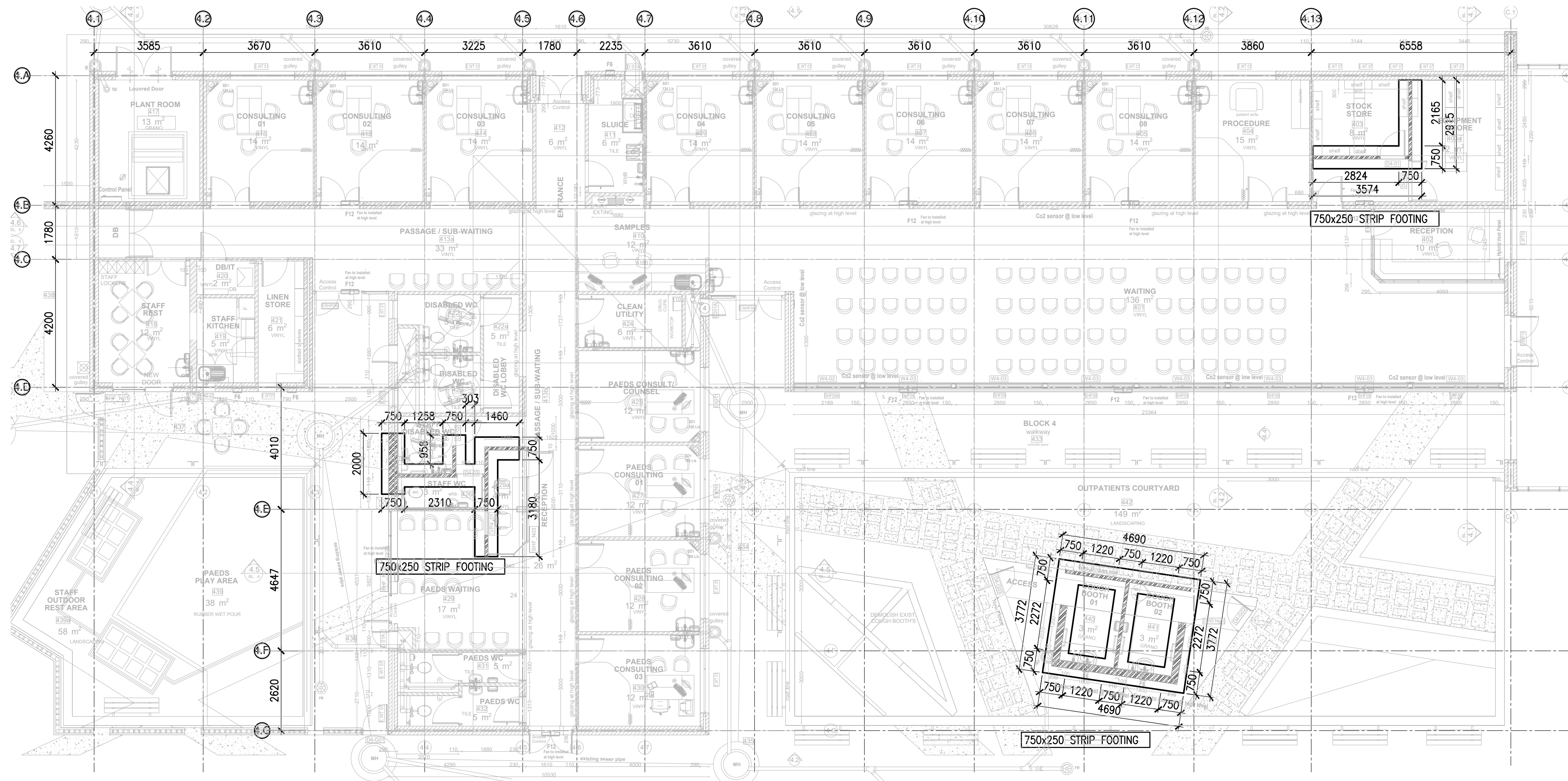
PRELIMINARY





DETAIL A

SCALE 1:20



BLOCK 4

FOUNDATION LAYOUT

SCALE 1:100

NOTES

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS
- ALL LEVELS INDICATED ARE TOP OF CONCRETE LEVELS UNLESS INDICATED OTHERWISE
- ALL LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE AND ANY DISCREPANCY IS TO BE REPORTED TO THE ENGINEER
- NO CONCRETE SHALL BE POURED WITHOUT PRIOR CONSENT OF THE ENGINEER
- ALL REINFORCEMENT IS TO BE INSPECTED BY THE ENGINEER
- 50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS

- CONCRETE STRENGTH AT 28 DAYS
 - COLUMNS 30 MPa
 - WALLS 25 MPa
 - STAIRS 25 MPa
 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 30mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES

FACILITY STAMP

FACILITY STAMP

INFRASTRUCTURE
MANAGER

GENERAL
MANAGER

CHECKED BY PROFESSIONAL CONSULTANT

NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

Y+S YOUNG + SATHARIA (Pty) LTD
consulting structural and civil engineers

SUITE 3,
78 JULIA ROAD
OVERPORT 4001
TEL (031)2077252
FAX (031)2077259



public works

Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION

CLIENT NAME
DEPARTMENT OF PUBLIC WORKS - KZN

USER DEPARTMENT
DEPARTMENT OF HEALTH

PROJECT INFORMATION
**KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT**

SITE DESCRIPTION
**CONSOLIDATED SITE OF SUB 199, SUB TBH2,
SUB 1 OF TBH, SUB 180 AND SUB TBH OF C
OF THE FARM SPRINGFIELD NO. 802.**

DRAWING INFORMATION

DRAWING TITLE
**STAGE 4.2 - TENDER
BLOCK 04 - OUTPATIENTS 'B'
FOUNDATION LAYOUT**

DRAWN **N.BADAT** DATE **03/06/2022**

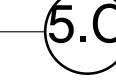
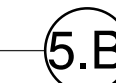
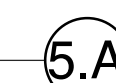
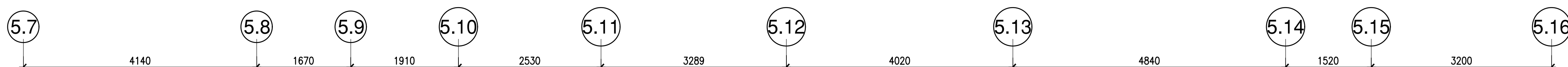
SCALES **AS SHOWN**

CONSULTANT DRAWING NUMBER **300-04** REVISION **T02**

DOPW DRAWING NUMBER
WIMS NO : 062709

STAMPED BY PLANS APPROVAL COMMITTEE

PRELIMINARY



THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ON-SITE MEASUREMENT OF EXISTING STRUCTURES PERTAINING TO NEW STEELWORK. HENCE ALL DIMENSIONS INDICATED ON DRAWINGS ARE TO BE CHECKED ON SITE.

TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

PRELIMINARY

[illegible]

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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SUITE 3
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OVERPORT 4001
TEL (031)2077252
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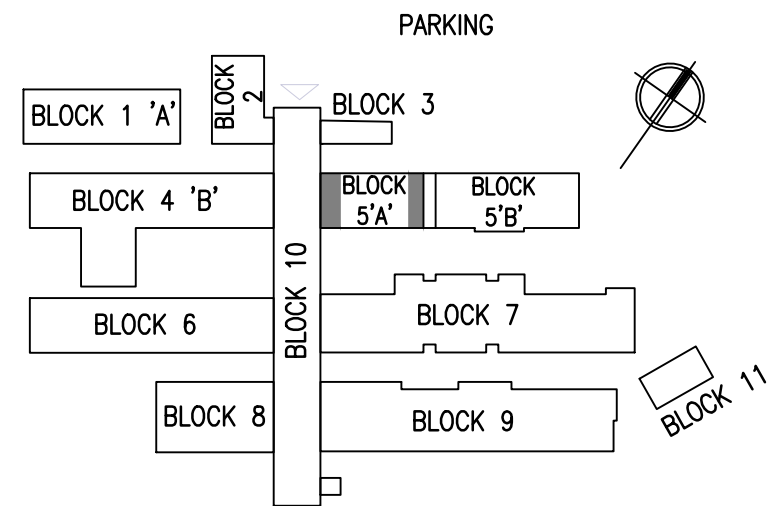
 **public works**
Department:
Public Works
PROVINCE OF KWAZULU-NATA

CLIENT INFORMATION	
CLIENT NAME:	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION		
DRAWING TITLE		
STAGE 4.2 - TENDER BLOCK 05 - RECORDS 'A' & PHARMACY 'B' PHARMACY - ROOF LAYOUT		
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	17/08/2022
CONSULTANT DRAWING NUMBER		REVISION
800-05B		T02
DOPH DRAWING NUMBER		
WIMS NO : 062709		

STAMPED BY PLANS APPROVAL COMMITTEE



SITE KEY PLAN
NTS

NOTES

- 1

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS
- 2

ALL LEVELS INDICATED ARE TOP OF CONCRETE LEVELS UNLESS INDICATED OTHERWISE
- 3

ALL LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE AND ANY DISCREPANCY IS TO BE REPORTED TO THE ENGINEER
- 4

NO CONCRETE SHALL BE POURED WITHOUT PRIOR CONSENT OF THE ENGINEER
- 5

ALL REINFORCEMENT IS TO BE INSPECTED BY THE ENGINEER
- 6

50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
- 7

CONCRETE STRENGTH AT 28 DAYS

COLUMNS

30 MPa

WALLS

25 MPa

STAIRS

25 MPa

SLABS

30 MPa

BEAMS

30 MPa

BLINDING

15 MPa

BASES

25 MPa

GROUND BEAMS

25 MPa
- 8

CONCRETE COVER TO REINFORCEMENT

BASES

50mm

SLABS

20mm

BEAMS

30mm

COLUMNS

30mm

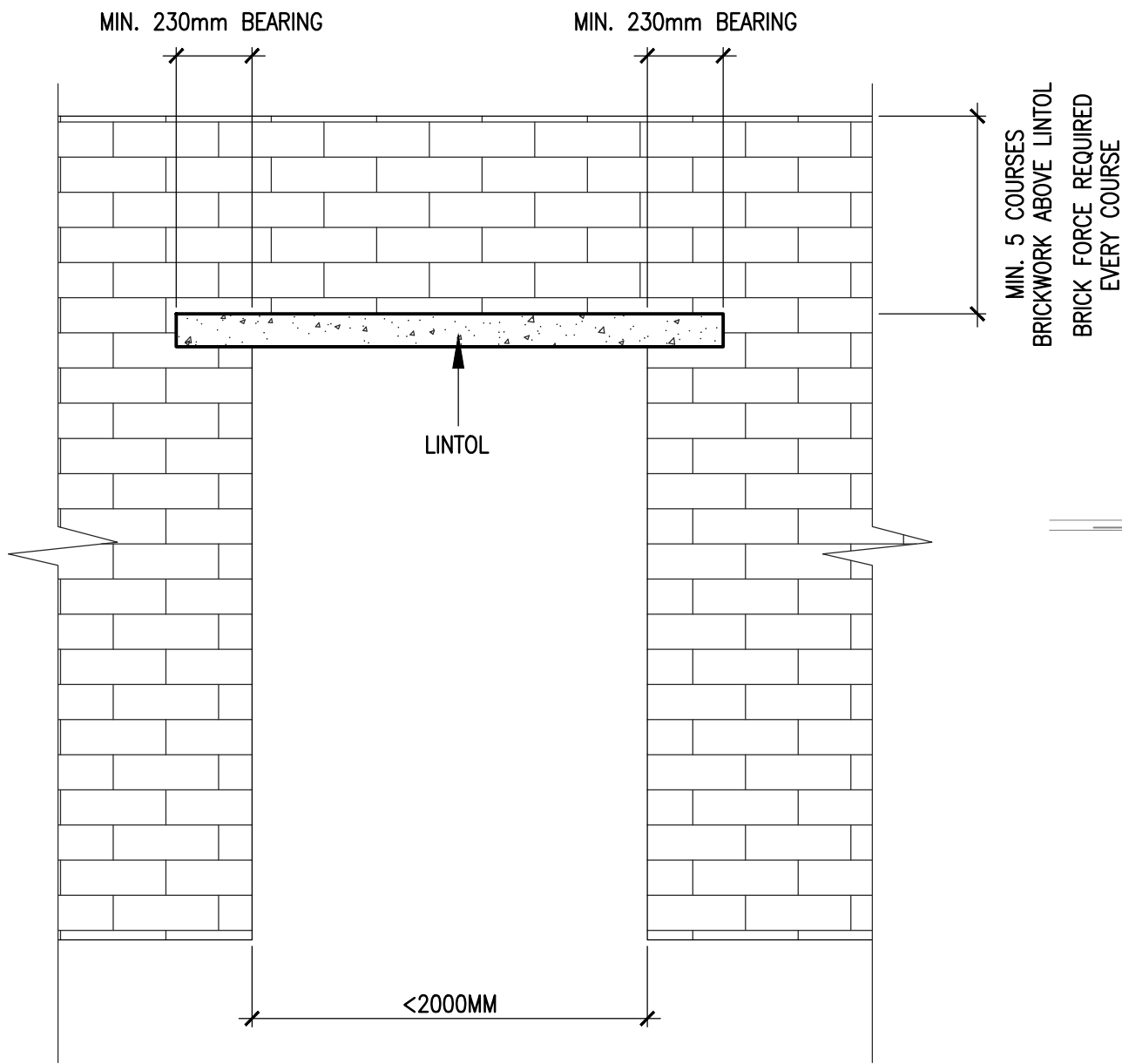
GROUND BEAMS

50mm

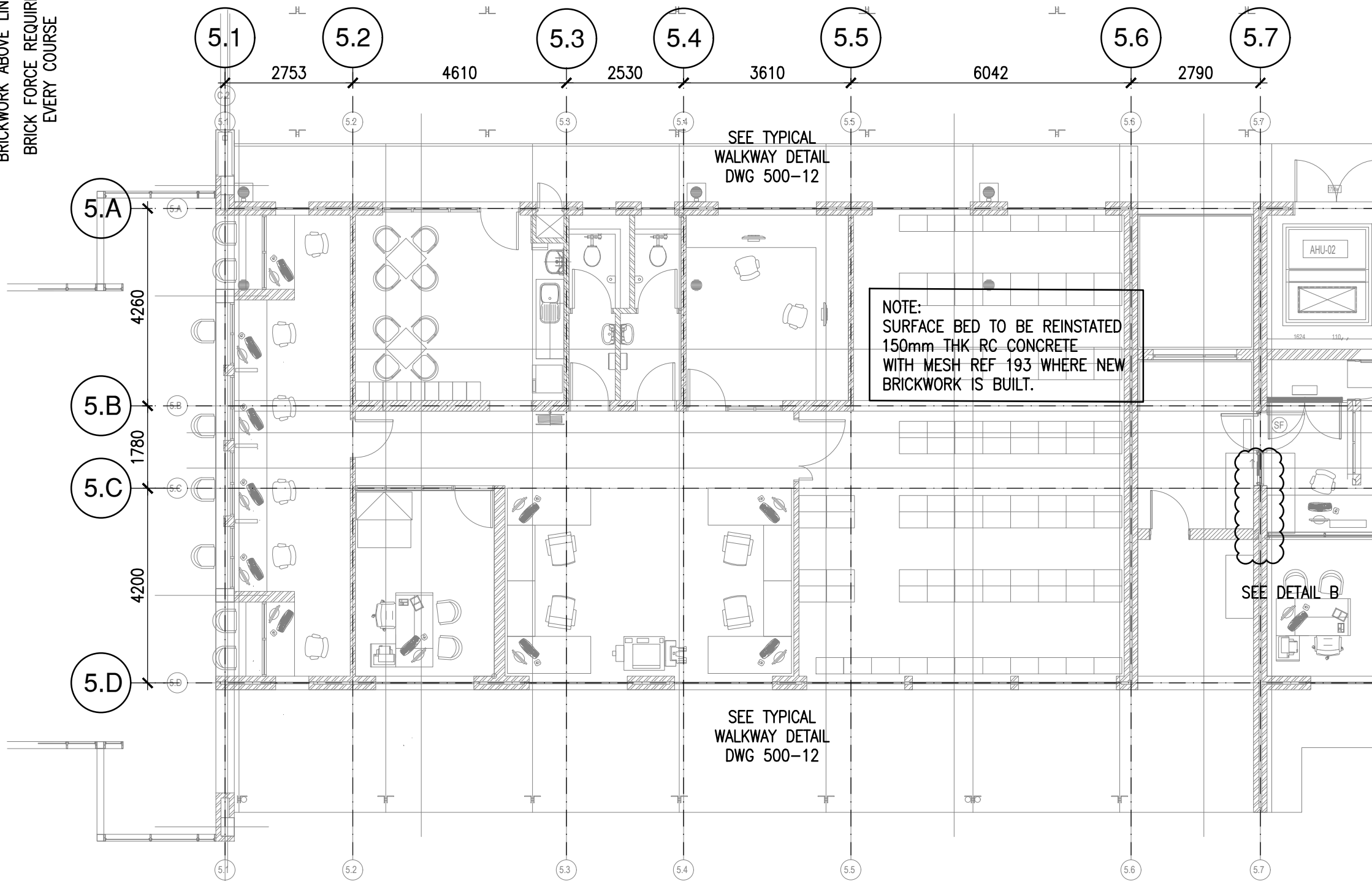
SURFACE BED

50mm
- 9

WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.



DETAIL B
ELEVATION
TYPICAL DETAIL FOR NEW OPENINGS
SCALE 1:20



NOTE:
SAW CUT JOINTS ACROSS
ENTIRE SURFACE BED AT
3m x 3m PANELS

BLOCK 5A
GROUND FLOOR LAYOUT
SCALE 1:100

NOTE:
SEE DETAILS B & C
FOR ALL NEW OPENINGS

PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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consulting structural and civil engineers

SUITE 3

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OVERPORT 4001

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public works

Department:

Public Works

PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN

USER DEPARTMENT	DEPARTMENT OF HEALTH
-----------------	----------------------

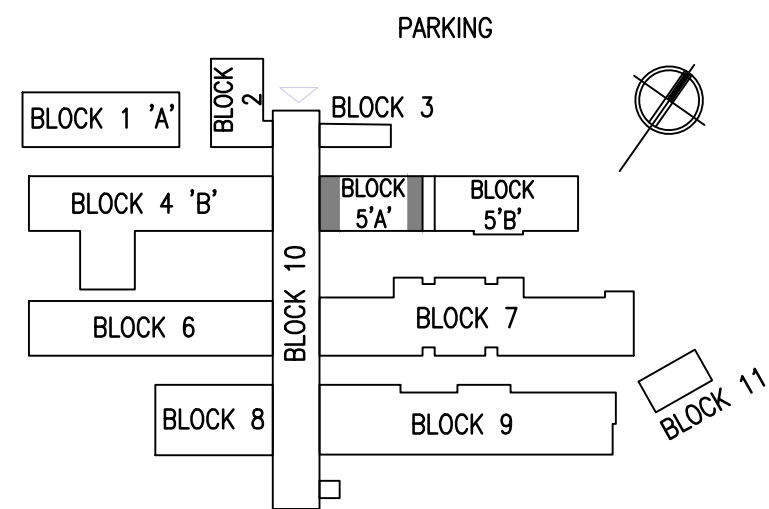
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION	CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.
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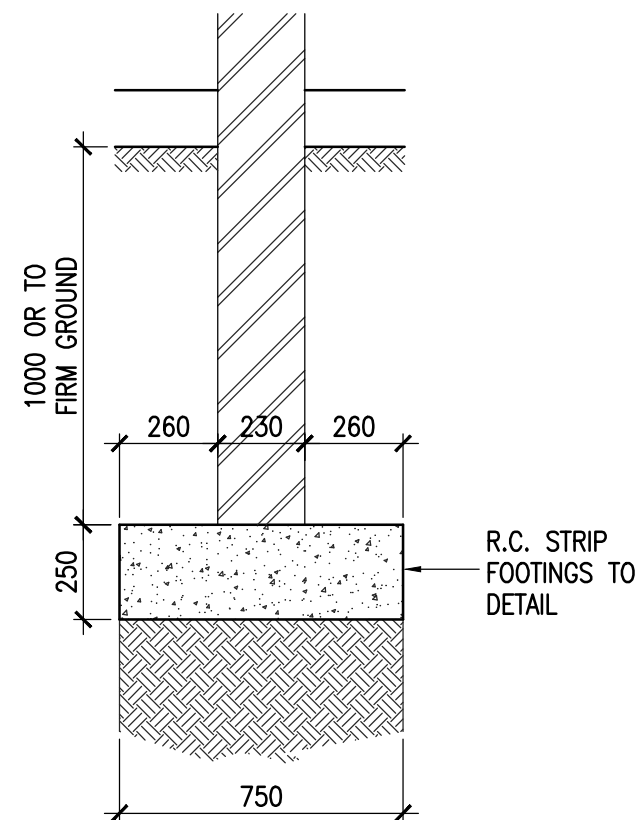
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DRAWING TITLE	STAGE 4.2 - TENDER BLOCK 05 - RECORDS 'A' & PHARMACY 'B' RECORDS GROUND FLOOR LAYOUT

DRAWN	N.BADAT	DATE	14/04/2022
SCALES	AS SHOWN		
CONSULTANT DRAWING NUMBER	500-05A	REVISION	T01
DOPW DRAWING NUMBER	WIMS NO : 062709		

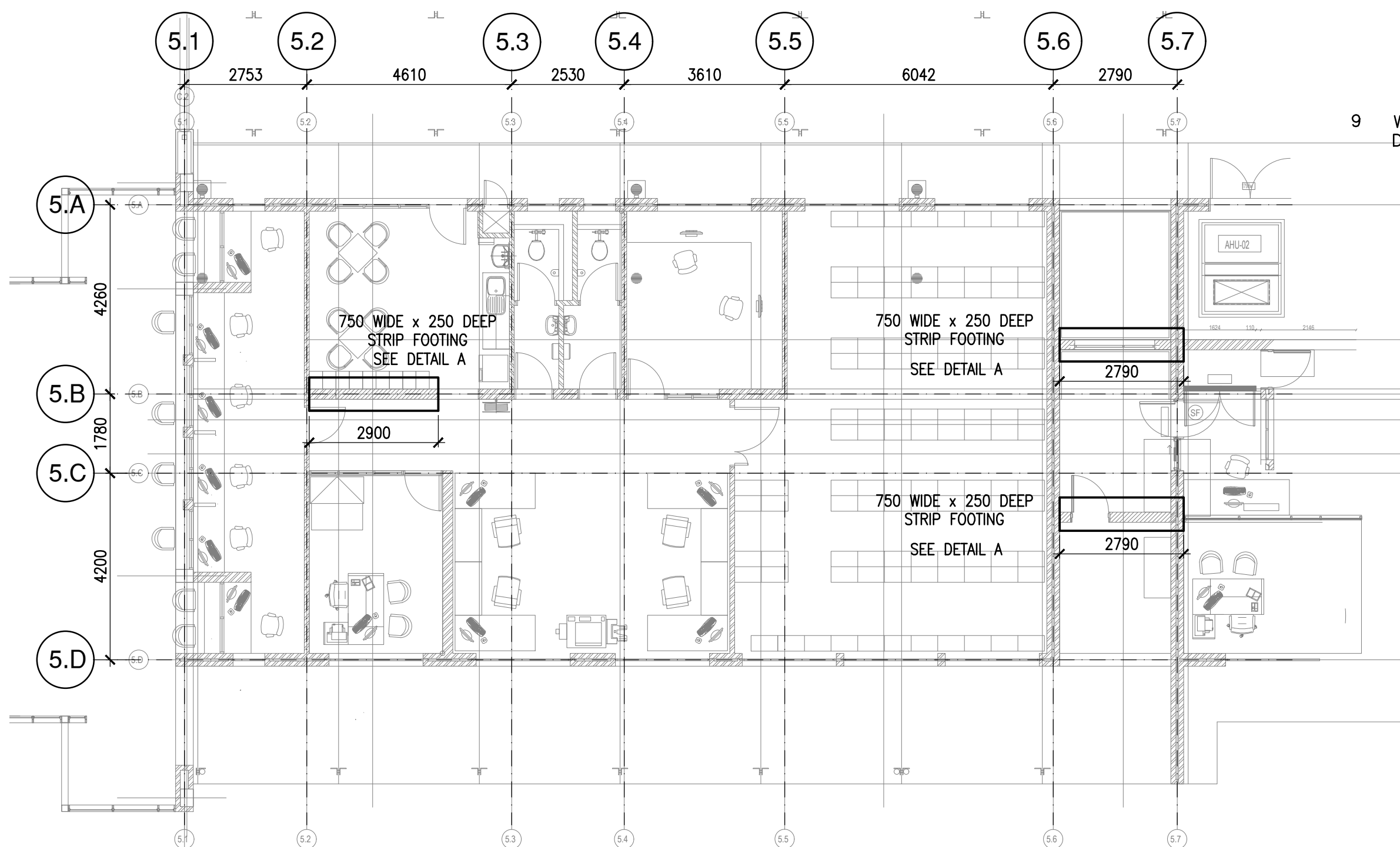
STAMPED BY PLANS APPROVAL COMMITTEE



SITE KEY PLAN
NTS



DETAIL A
SCALE 1:20



BLOCK 5A
FOUNDATION LAYOUT
SCALE 1:100

NOTE:
750 WIDE x 250 DEEP
STRIP FOOTINGS UNDER
ALL NEW BRICKWORK
(SEE DETAIL A)

NOTES

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 - COLUMNS 30 MPa
 - WALLS 25 MPa
 - STAIRS 25 MPa
 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 20mm
 - BEAMS 30mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY
DO NOT SCALE.

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION

CLIENT NAME
DEPARTMENT OF PUBLIC WORKS - KZN

USER DEPARTMENT
DEPARTMENT OF HEALTH

PROJECT INFORMATION

PROJECT DESCRIPTION
KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT

SITE DESCRIPTION

CONSOLIDATED SITE OF SUB 199, SUB TBH2,
SUB 1 OF TBH, SUB 180 AND SUB TBH OF C
OF THE FARM SPRINGFIELD NO. 802.

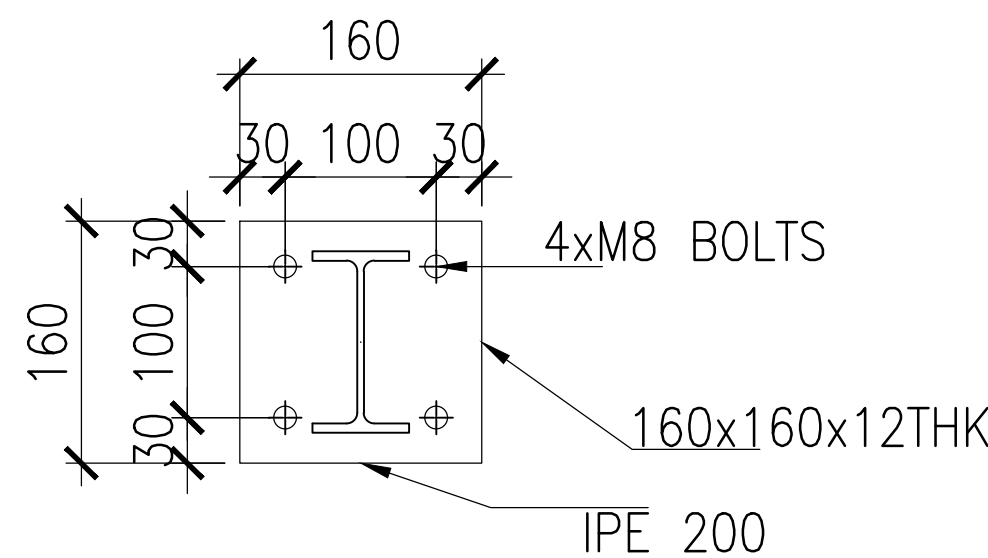
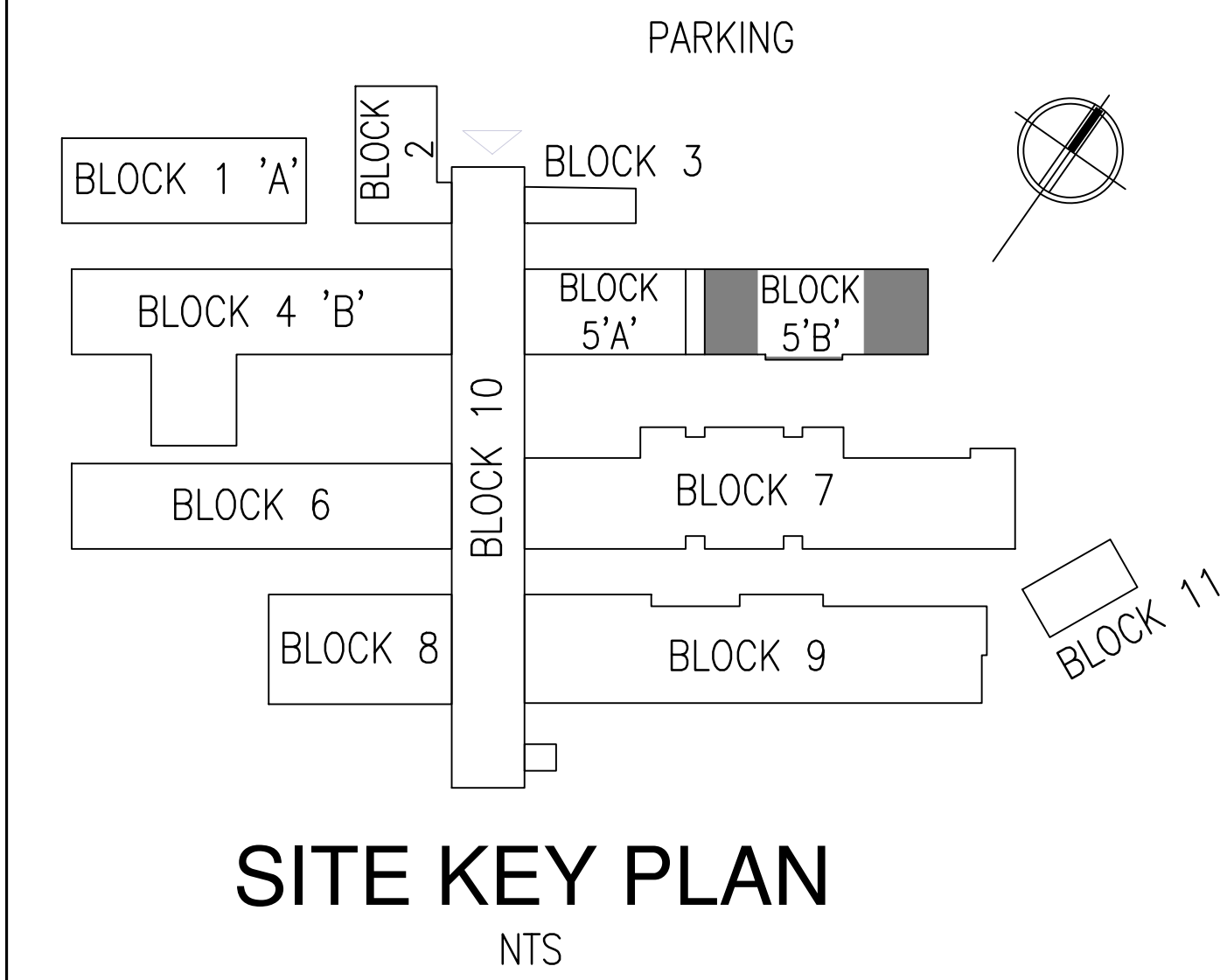
DRAWING INFORMATION

DRAWING TITLE
STAGE 4.2 - TENDER
BLOCK 05 - RECORDS 'A' &
PHARMACY 'B' RECORDS
FOUNDATION LAYOUT

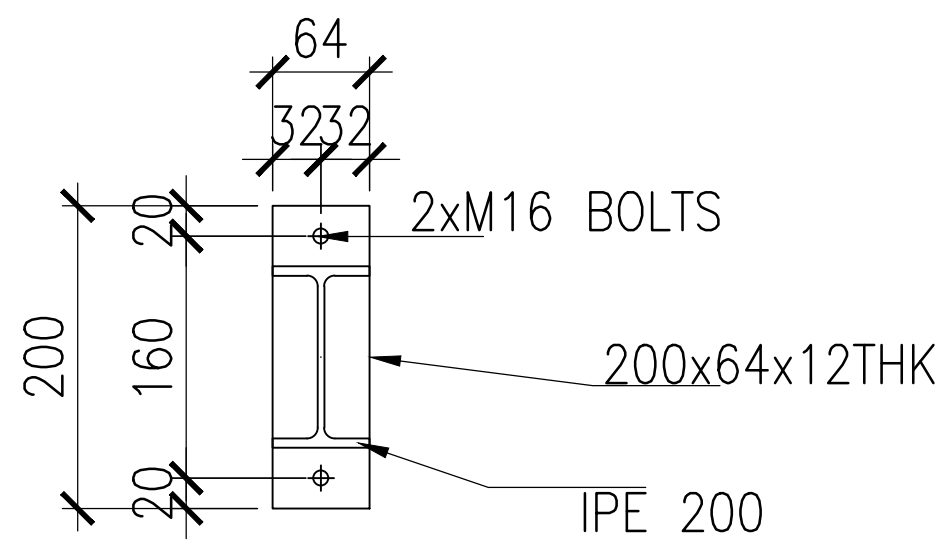
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SCALES	AS SHOWN	REVISION	T01
CONSULTANT DRAWING NUMBER	300-05A	WIMS NO : 062709	
DOPW DRAWING NUMBER			

STAMPED BY PLANS APPROVAL COMMITTEE

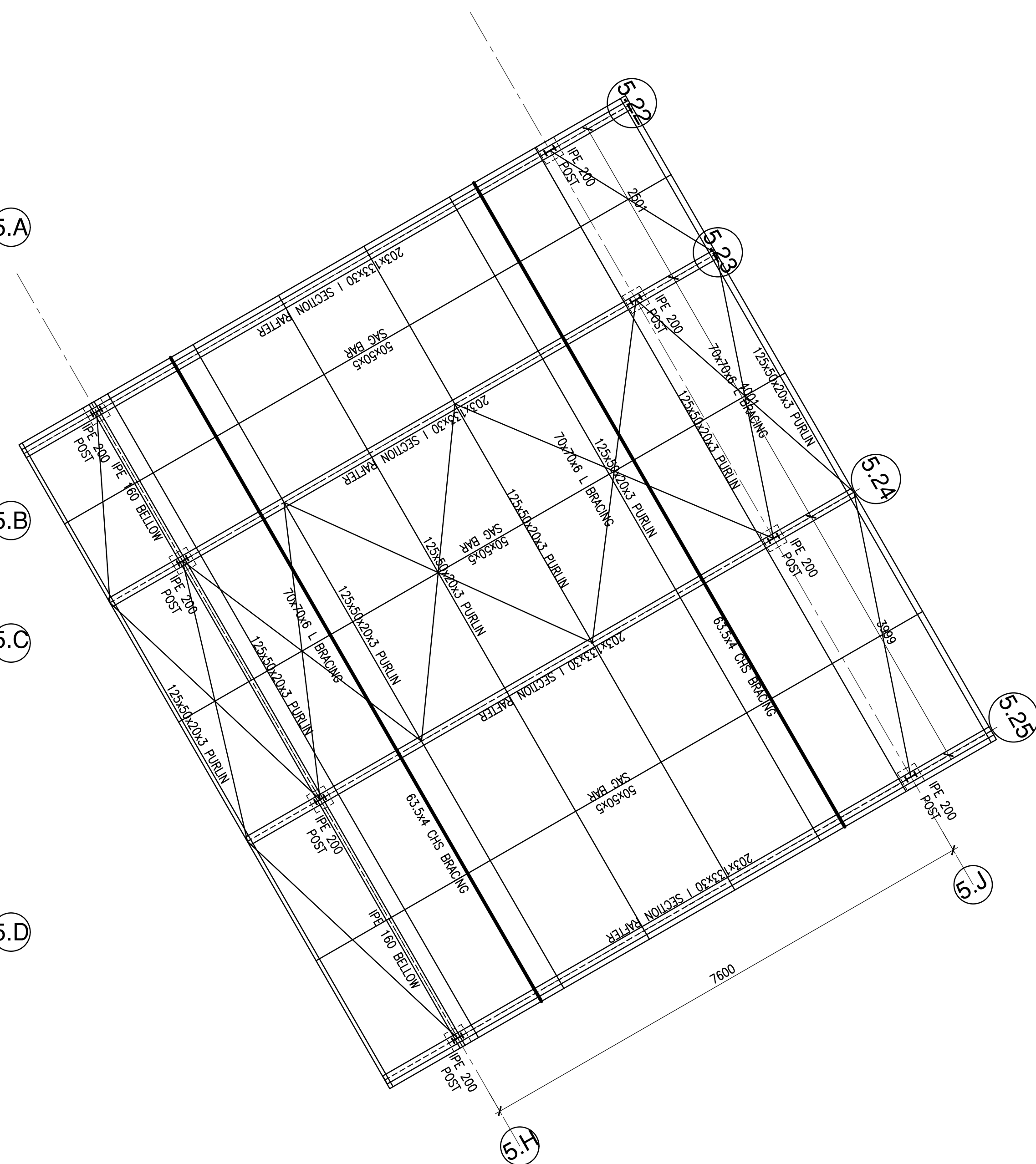
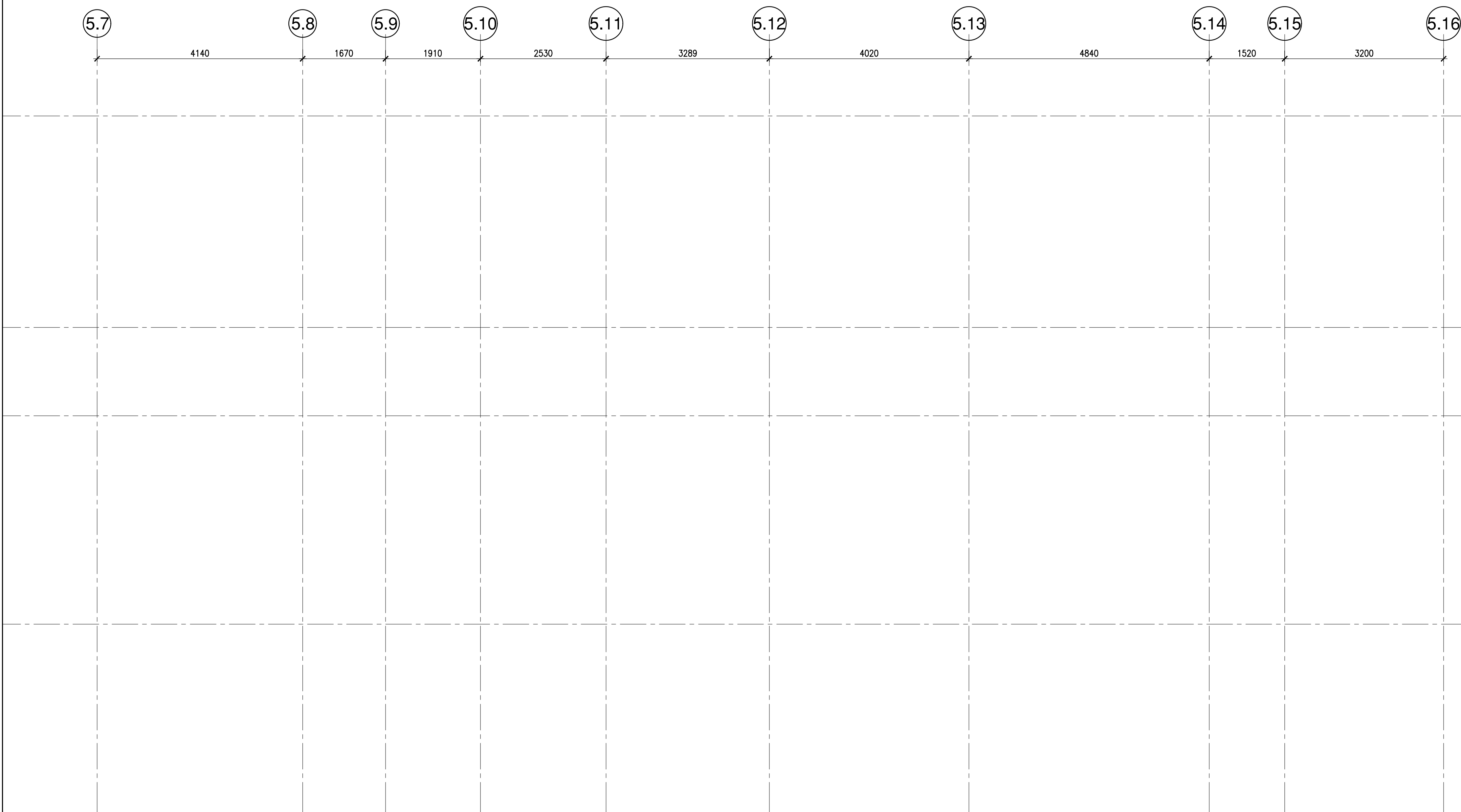
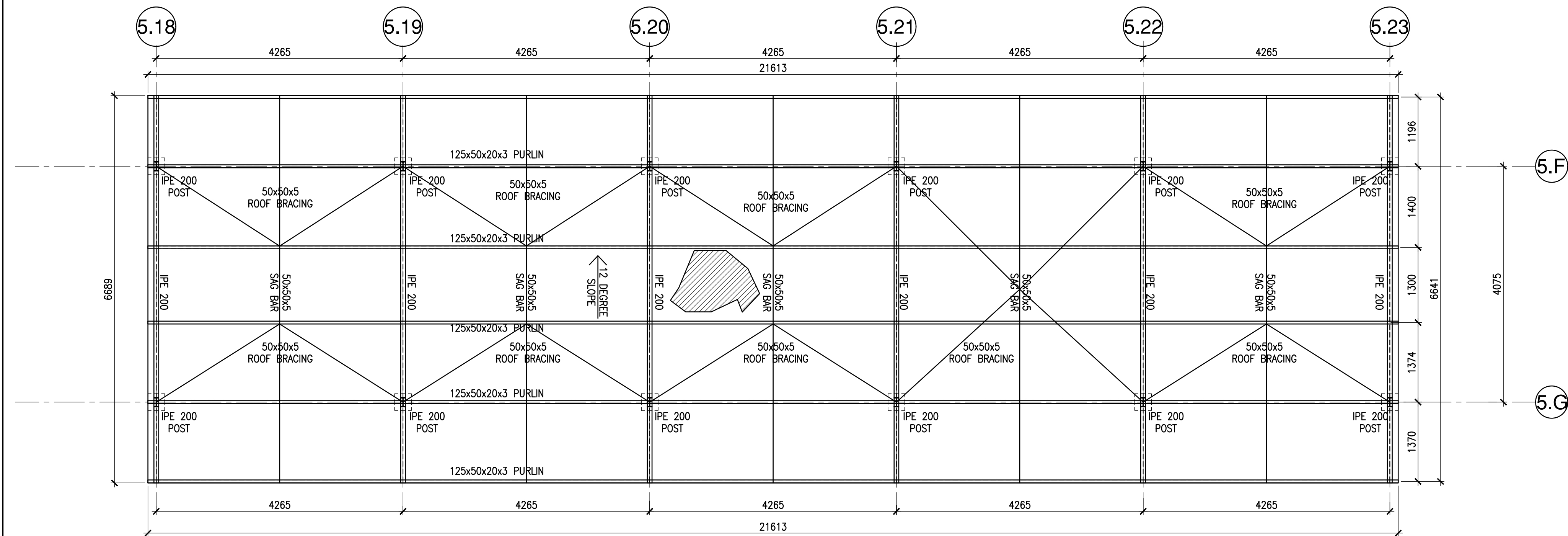
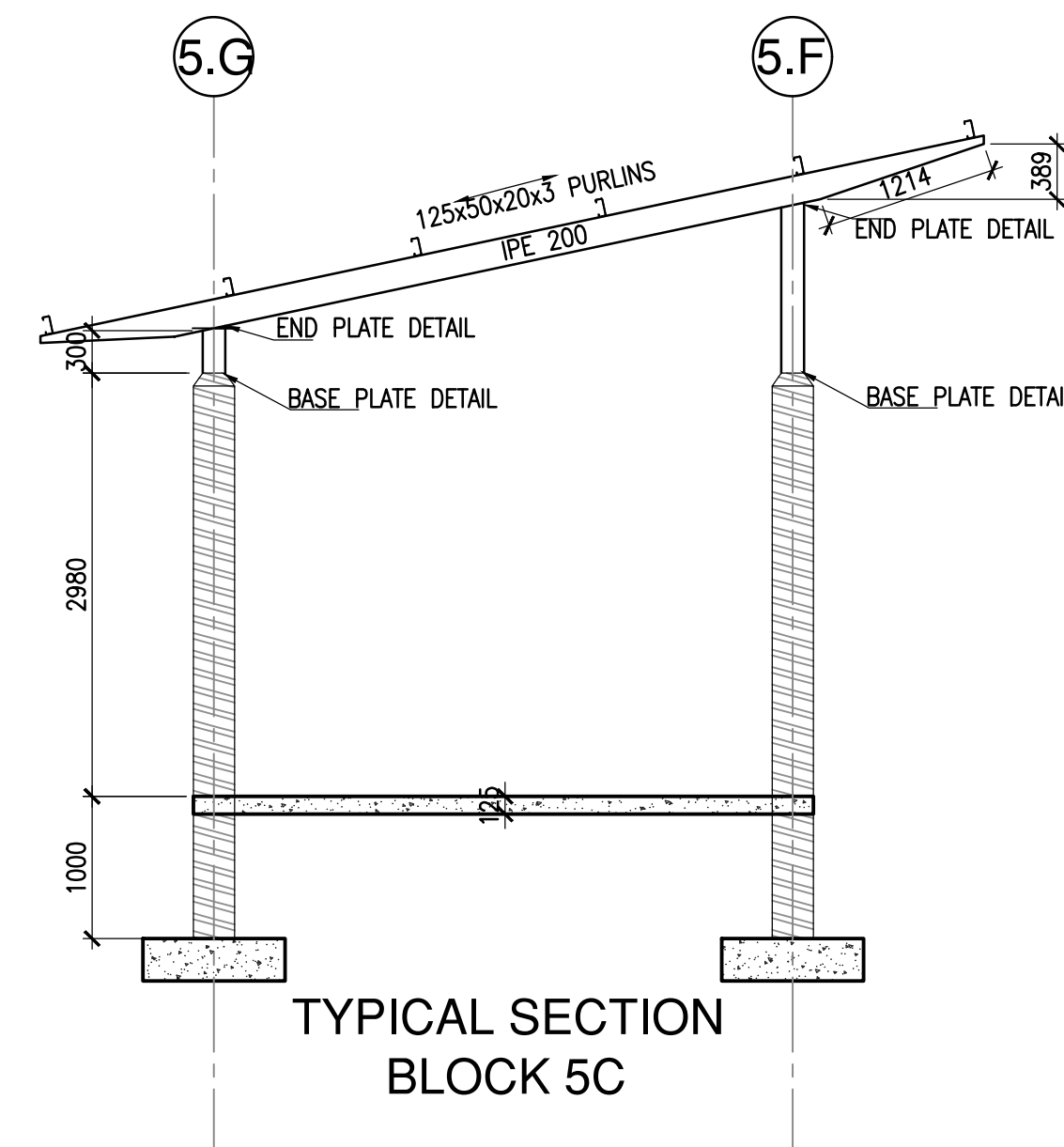
PRELIMINARY



BASE PLATE DETAIL



CAP PLATE DETAIL



- NOTES
- 1 ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF SANS 2001 - CSI: 2005 CONSTRUCTION WORKS PART CSI: STRUCTURAL STEELWORK
 - 2 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT PROJECT DRAWINGS AND ANY DISCREPANCY REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
 - 3 ALL WELDS SHALL BE 6mm FILLET WELDS UNLESS OTHERWISE NOTED. CFW DENOTES CONTINUOUS FILLET WELDS.
 - 4 FABRICATION, PRIMING AND ERECTION SHALL BE IN ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS.
 - 5 PAINT SPECIFICATION _ REFER TO THE TENDER DOCUMENTATION.
 - 6 STRUCTURAL STEELWORK SHALL BE TO THE FOLLOWING:-
HOT ROLLED SECTIONS:-
- SANS 1431 GRADE 350W
HOT ROLLED PLATE:-
- SANS 1431 GRADE 350W
COLD ROLLED SECTIONS SHALL HAVE A MINIMUM YIELD OF 225 MPa.
 - 7 SITE MEASUREMENT
THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ON-SITE MEASUREMENT OF EXISTING STRUCTURES PERTAINING TO NEW STEELWORK. HENCE ALL DIMENSIONS INDICATED ON DRAWINGS ARE TO BE CHECKED ON SITE.

TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

PRELIMINARY

LIST OF REVISIONS			DRAWN
NO.	DATE	DESCRIPTION	

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

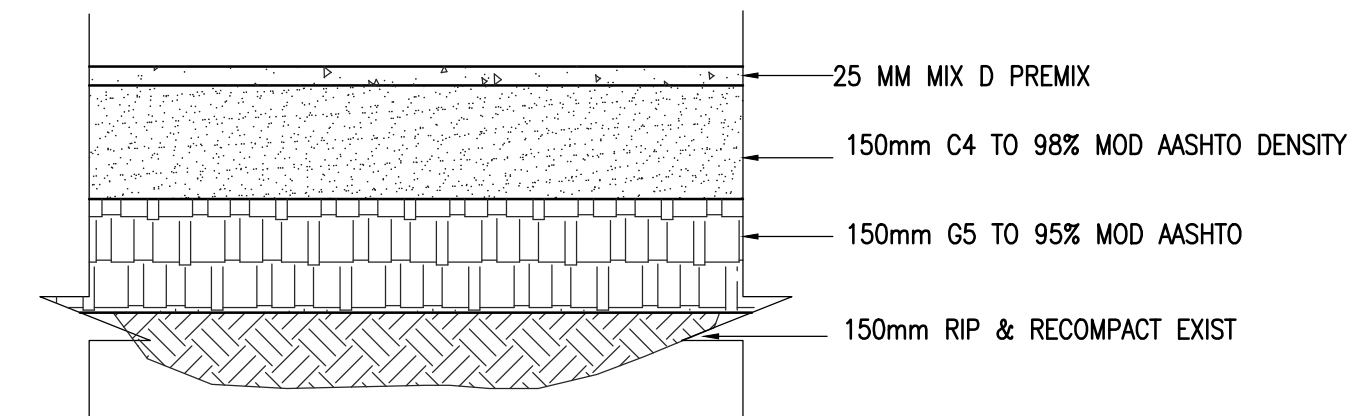
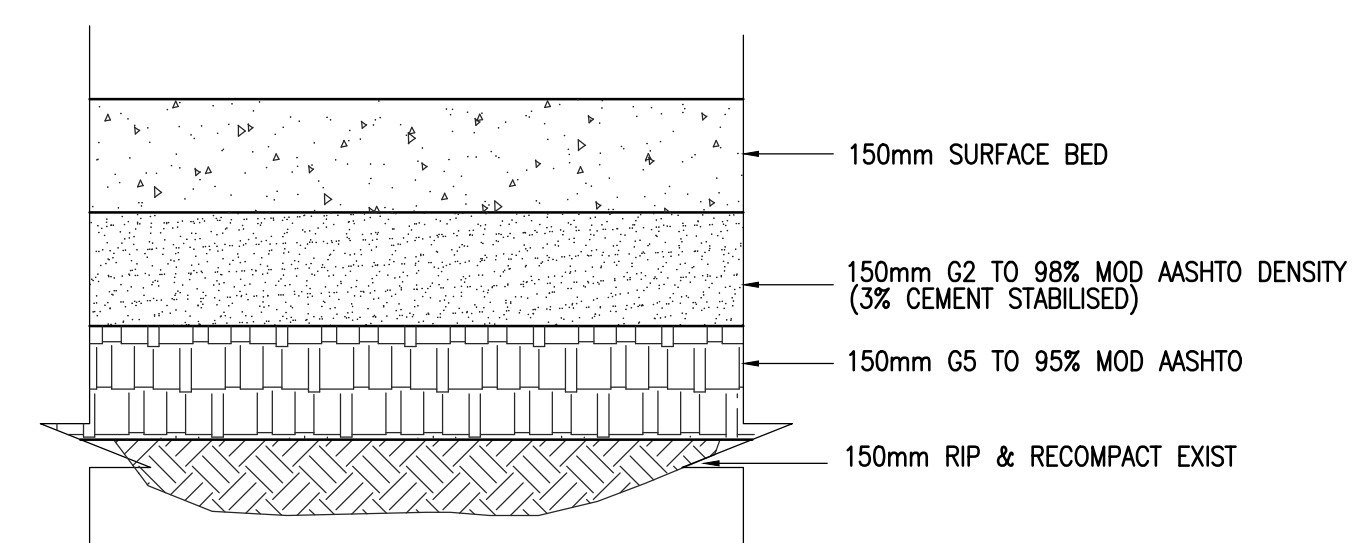
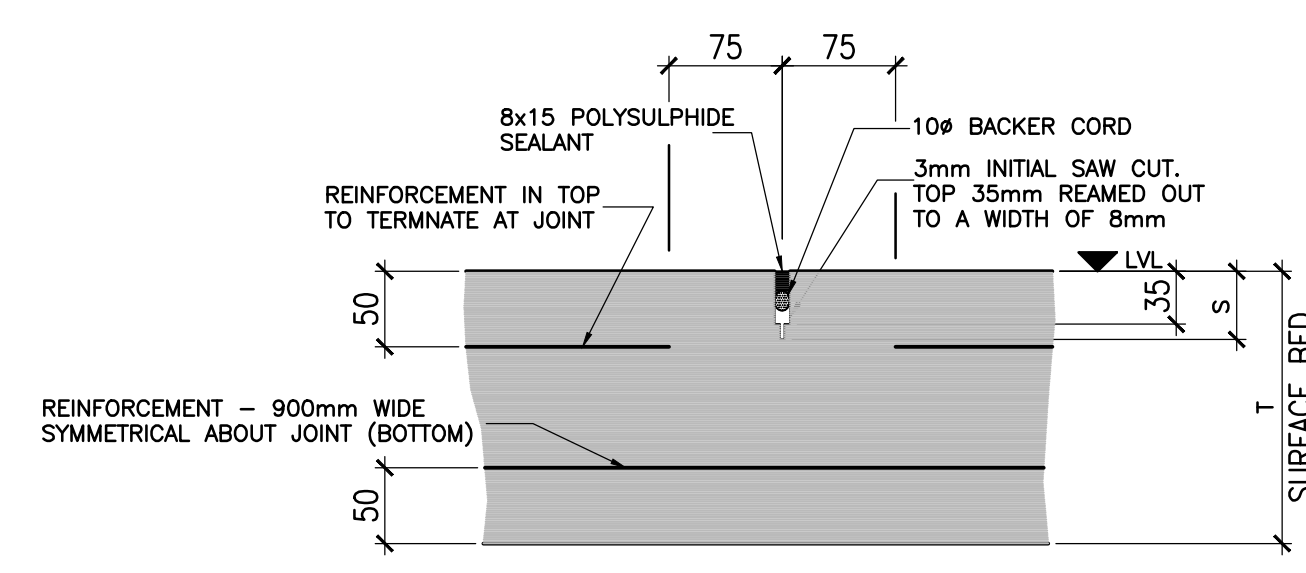
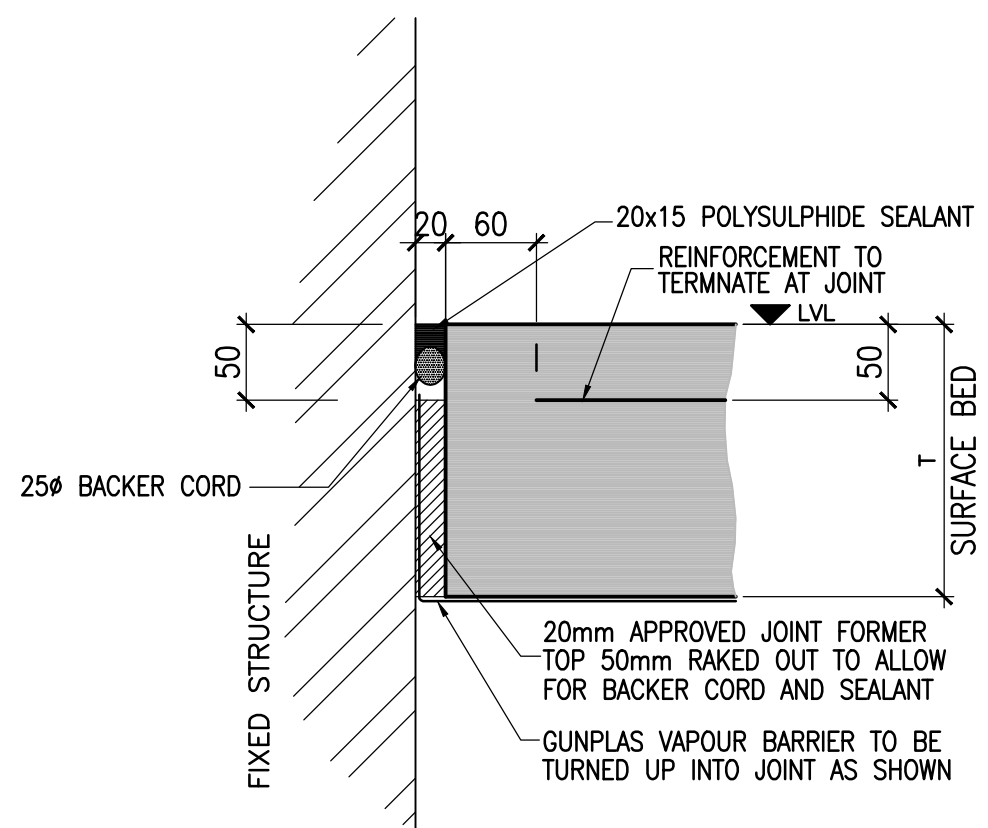
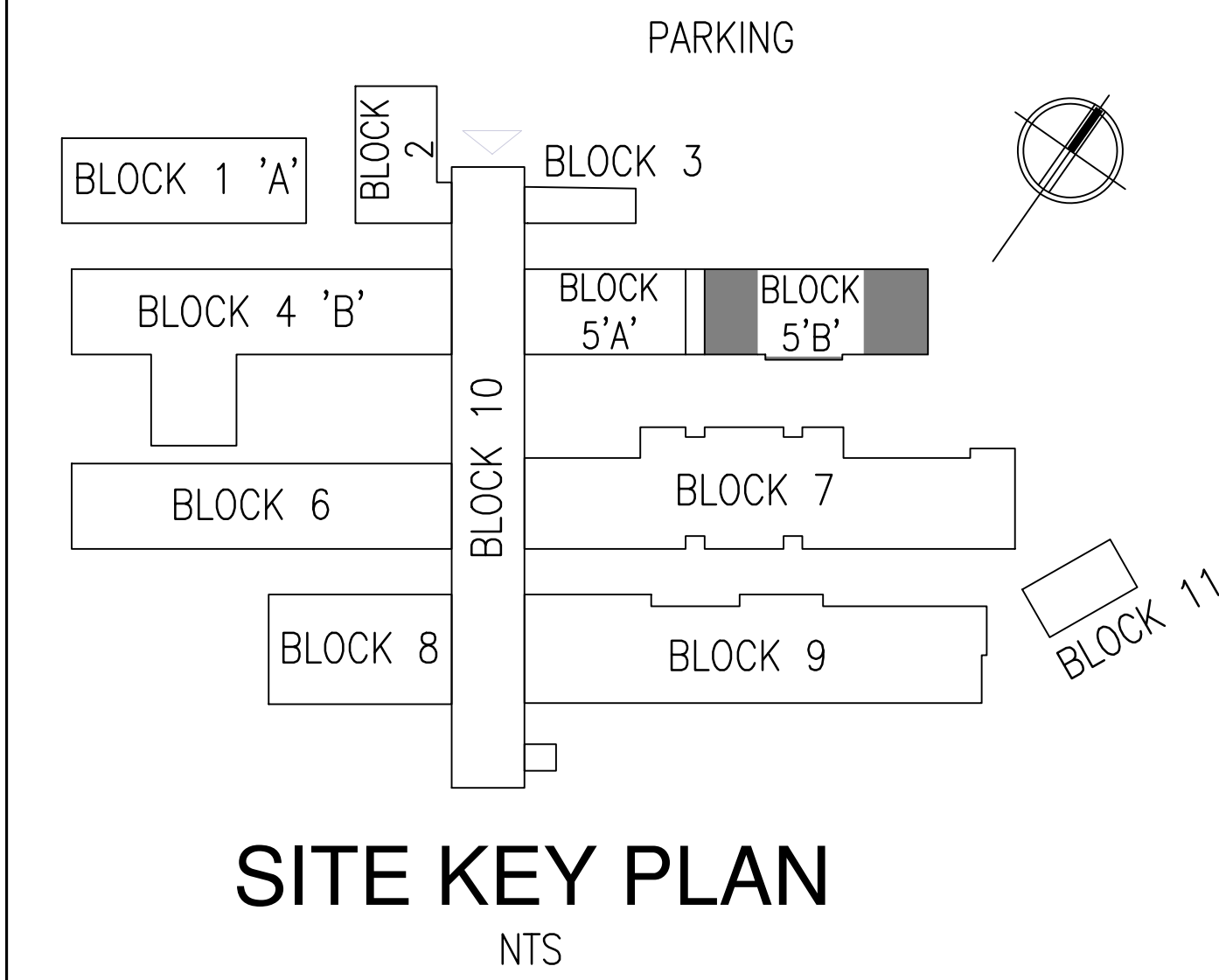
Y.S. YOUNG + SATHARIA PTY LTD		SUITE 5 78 JULIA ROAD OVERSEAS 4001
consulting structural and civil engineers		Tel: (011) 2077252 Fax: (011) 2077259

public works	
Department: Public Works	
PROVINCE OF KWAZULU-NATAL	

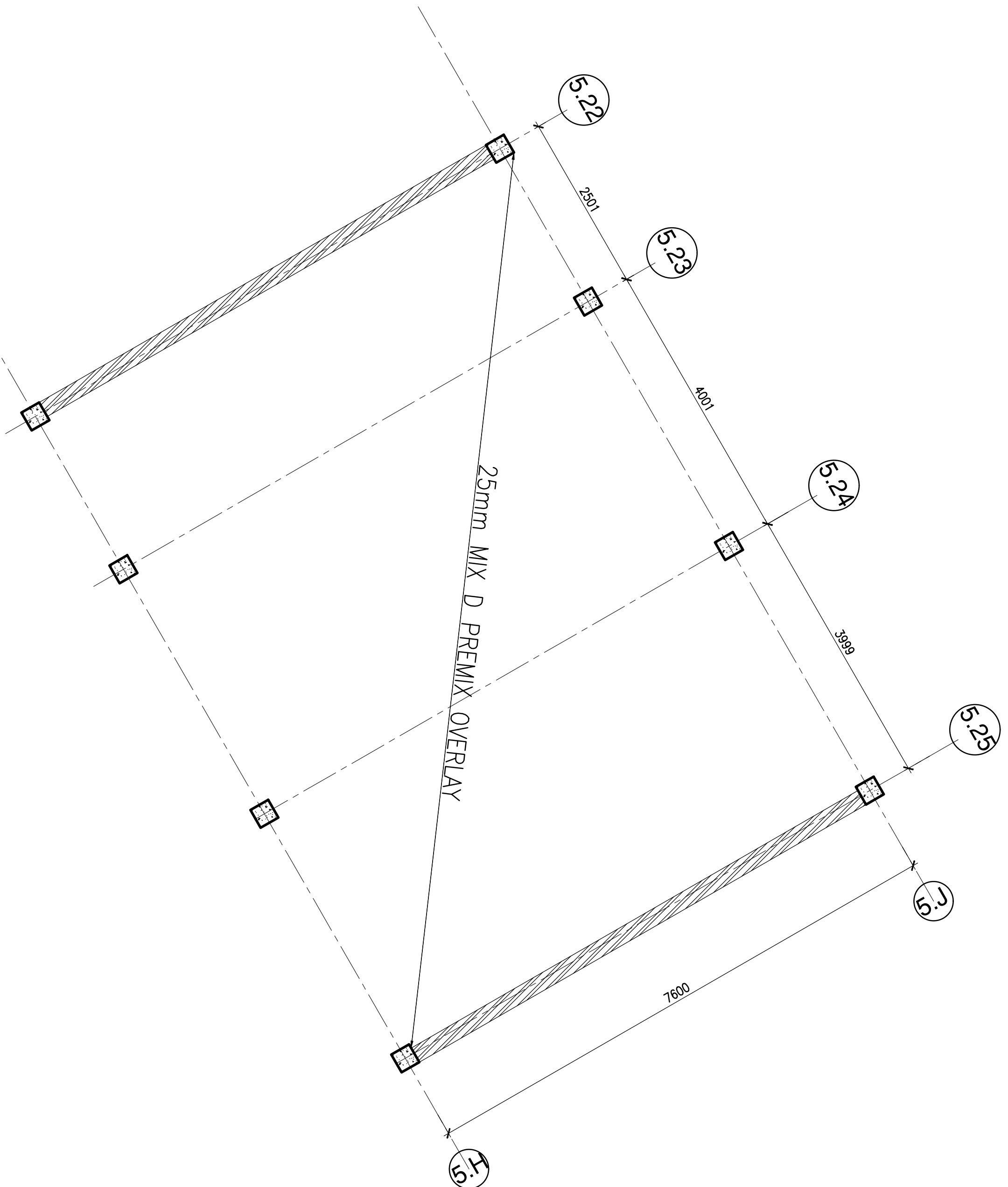
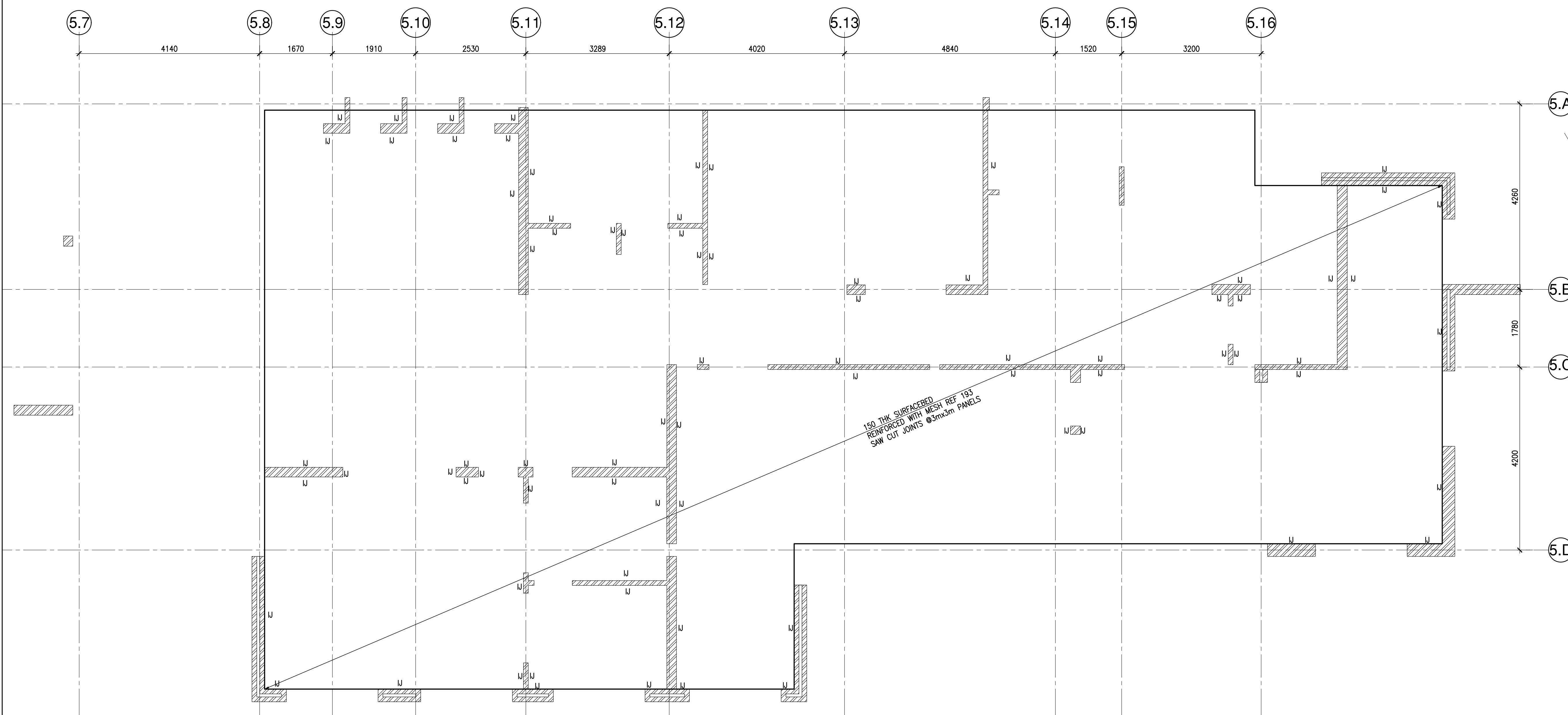
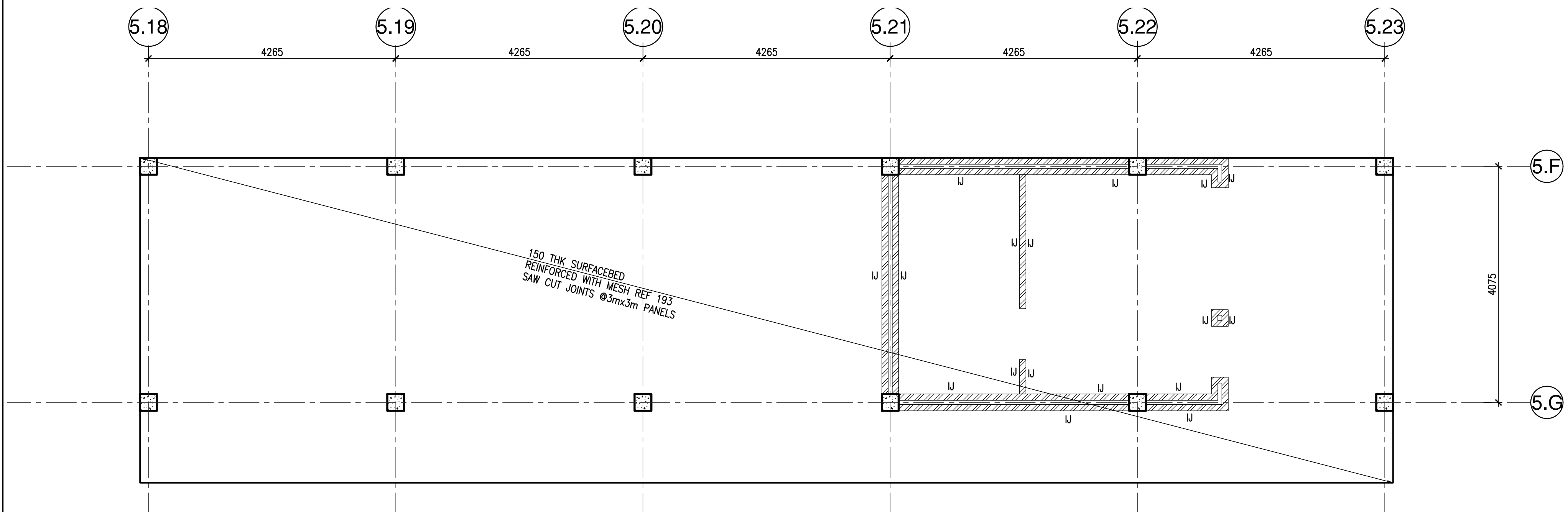
CLIENT INFORMATION	
CURATOR NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH

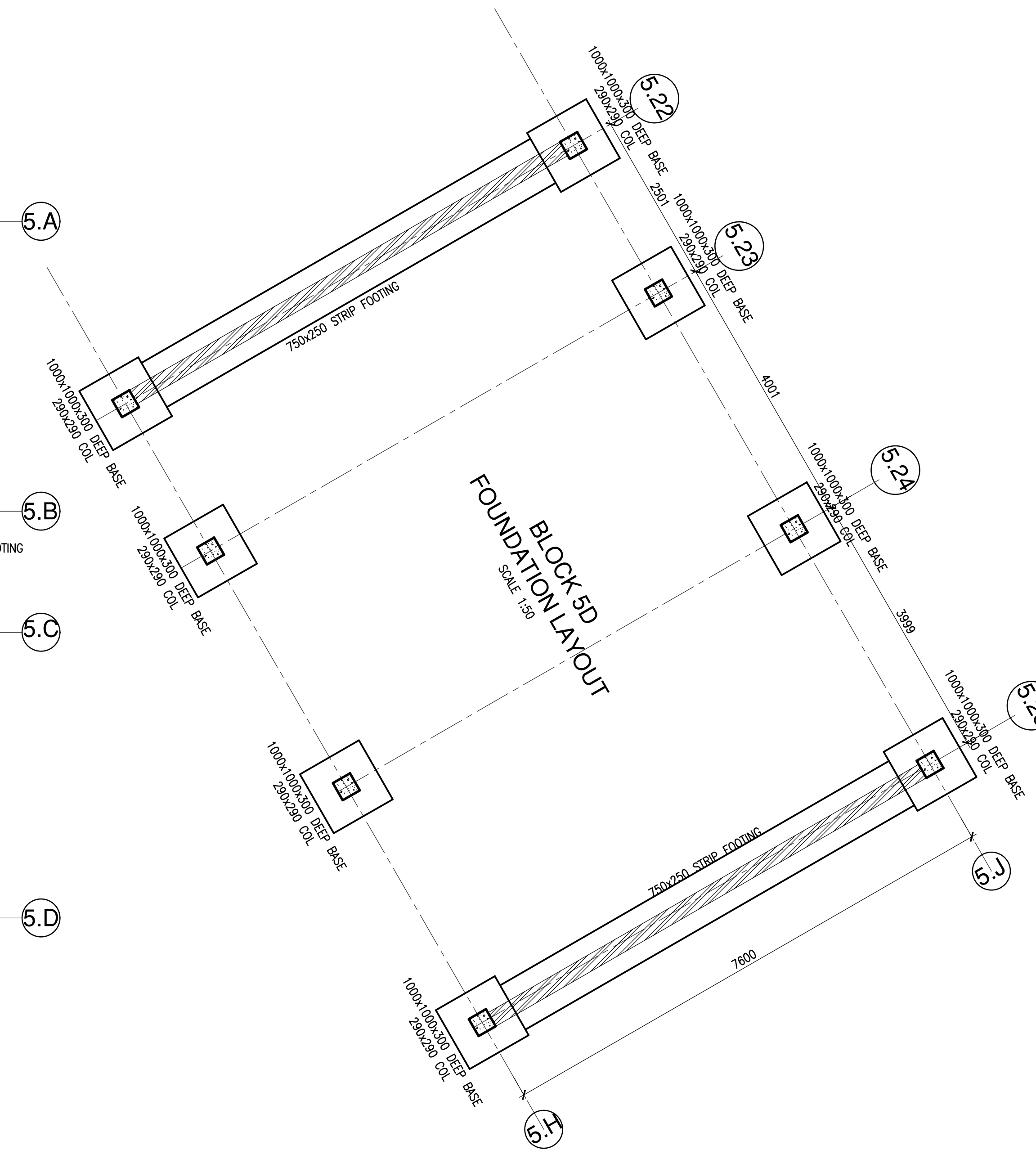
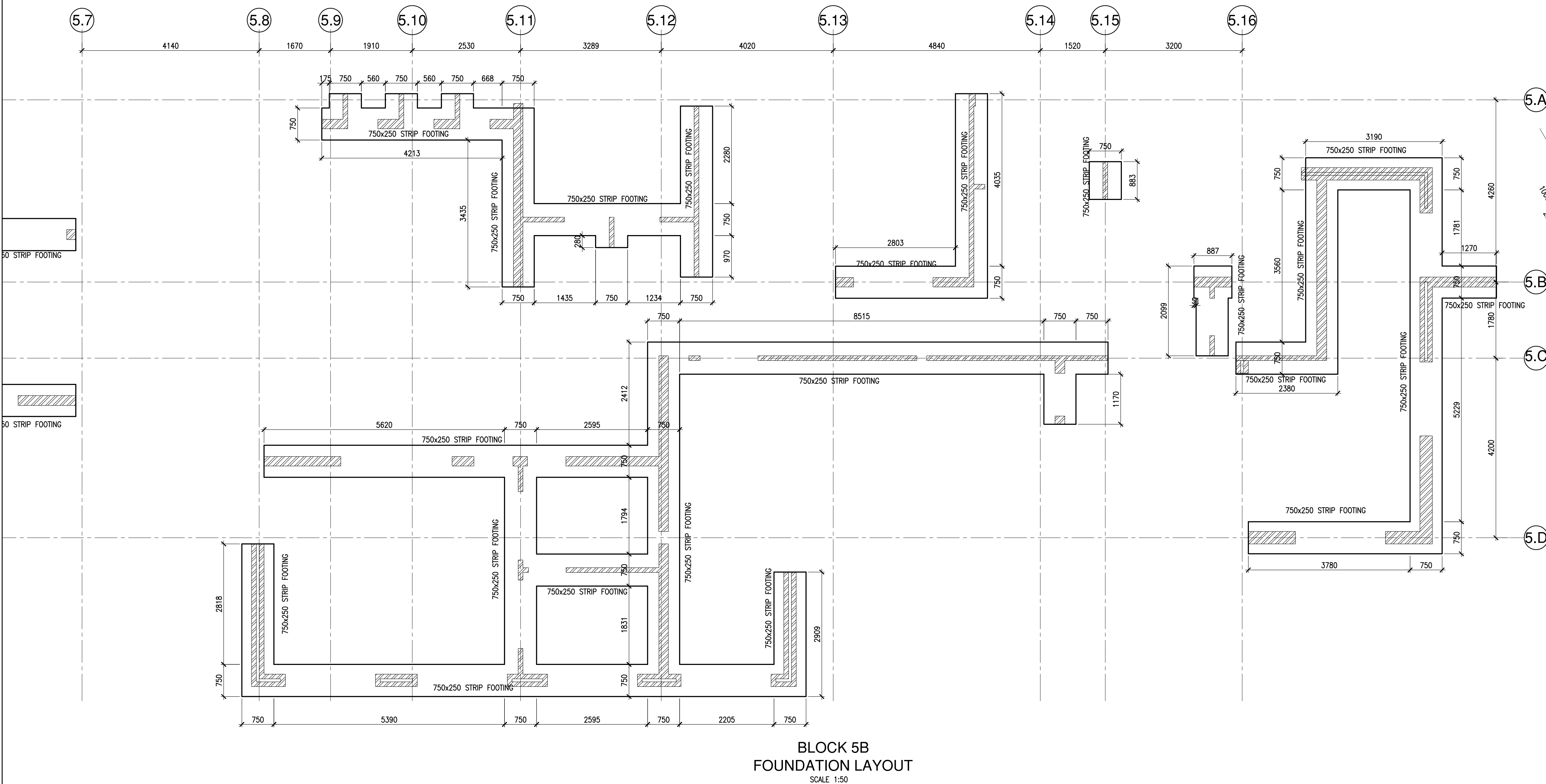
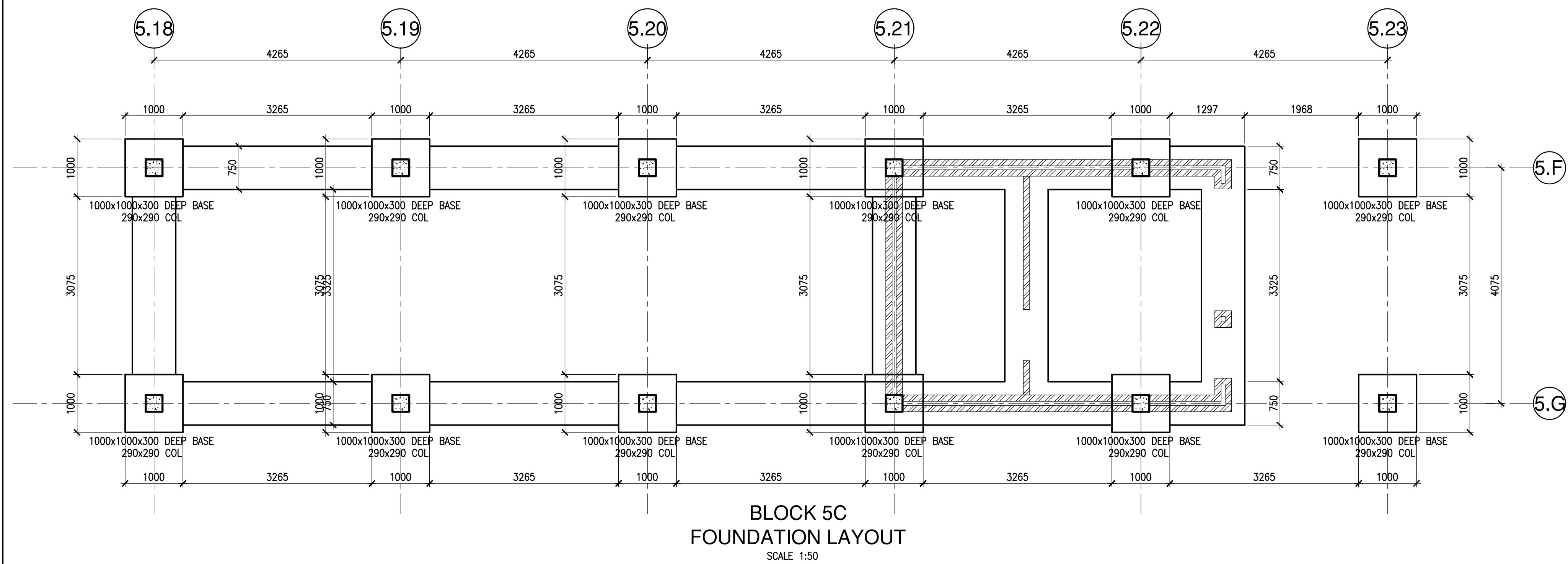
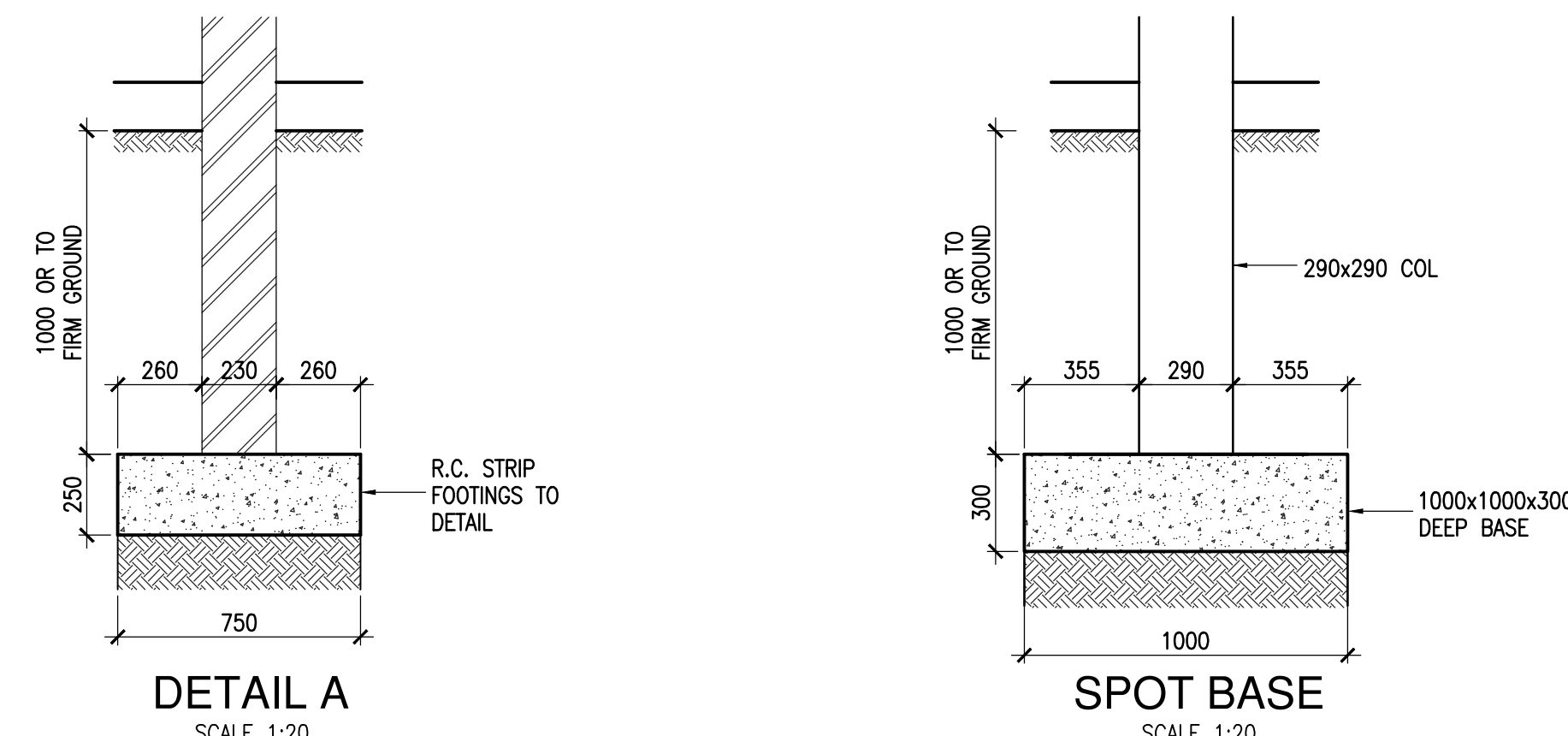
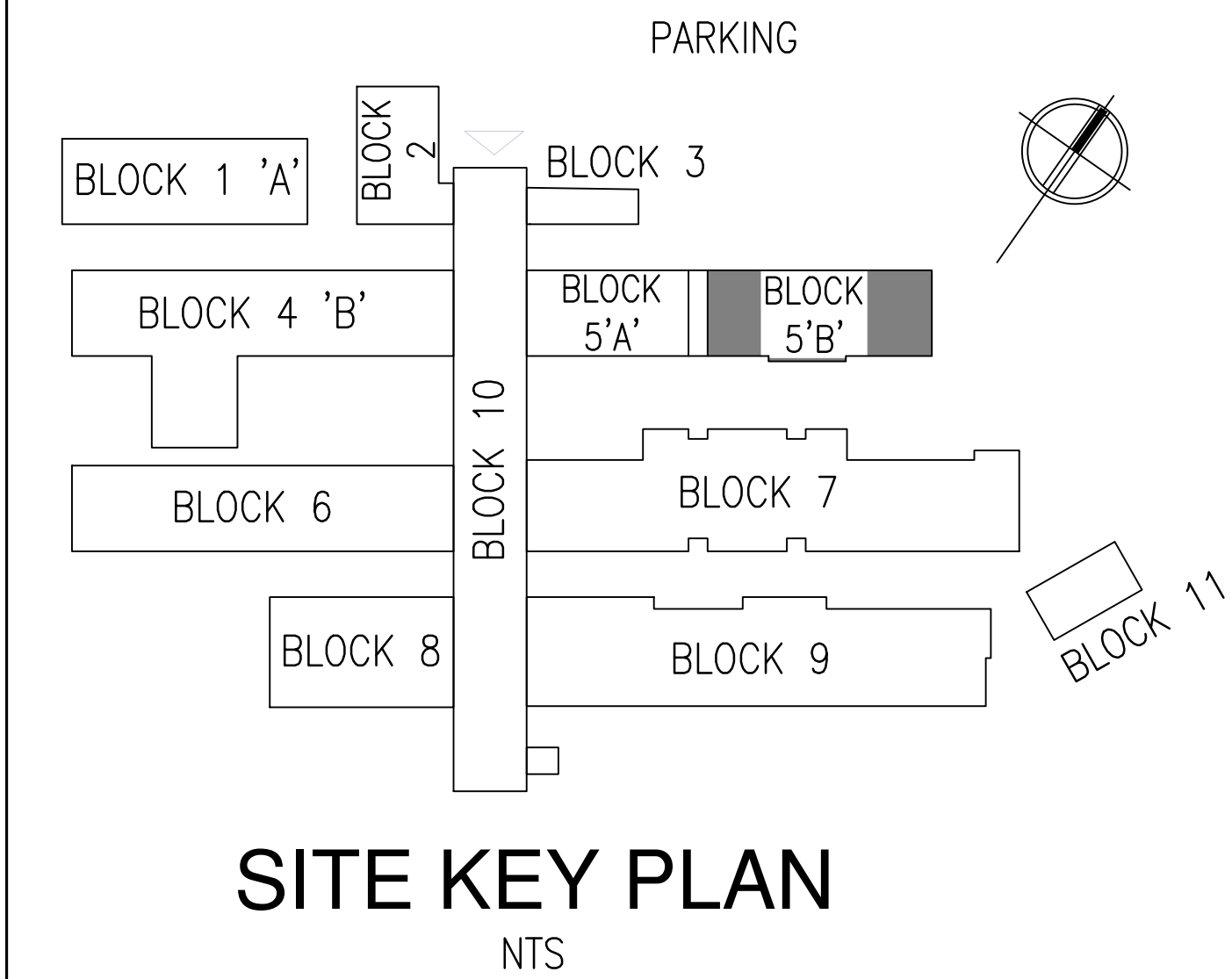
PROJECT INFORMATION	
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	
SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION	
DRAWING TITLE	
STAGE 4.2 - TENDER BLOCK 05 - RECORDS 'A' & PHARMACY 'B' PHARMACY - ROOF LAYOUT	
DRAWN	DATE
N.BADAT	14/04/2022
SCALES	AS SHOWN
CONSULTANT DRAWING NUMBER	REVISION
800-05B	T01
COPY DRAWING NUMBER	
WIMS NO : 062709	
STAMPED BY PLANS APPROVAL COMMITTEE	



- NOTES
- 1 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS
 - 2 ALL LEVELS INDICATED ARE TOP OF CONCRETE LEVELS UNLESS INDICATED OTHERWISE
 - 3 ALL LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE AND ANY DISCREPANCY IS TO BE REPORTED TO THE ENGINEER
 - 4 NO CONCRETE SHALL BE POURED WITHOUT PRIOR CONSENT OF THE ENGINEER
 - 5 ALL REINFORCEMENT IS TO BE INSPECTED BY THE ENGINEER
 - 6 50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
 - 7 CONCRETE STRENGTH AT 28 DAYS
 - COLUMNS 30 MPa
 - WALLS 25 MPa
 - STAIRS 25 MPa
 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
 - 8 CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 25mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
 - 9 WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.





- NOTES
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS
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 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
 - CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 25mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
 - WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12
PRELIMINARY

LIST OF REVISIONS		
NO.	DATE	DESCRIPTION

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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consulting structural and civil engineers	SUITE 5 7th JULIA ROAD OVERPORT 4001 TEL (041) 5077252 FAX (041) 5077258

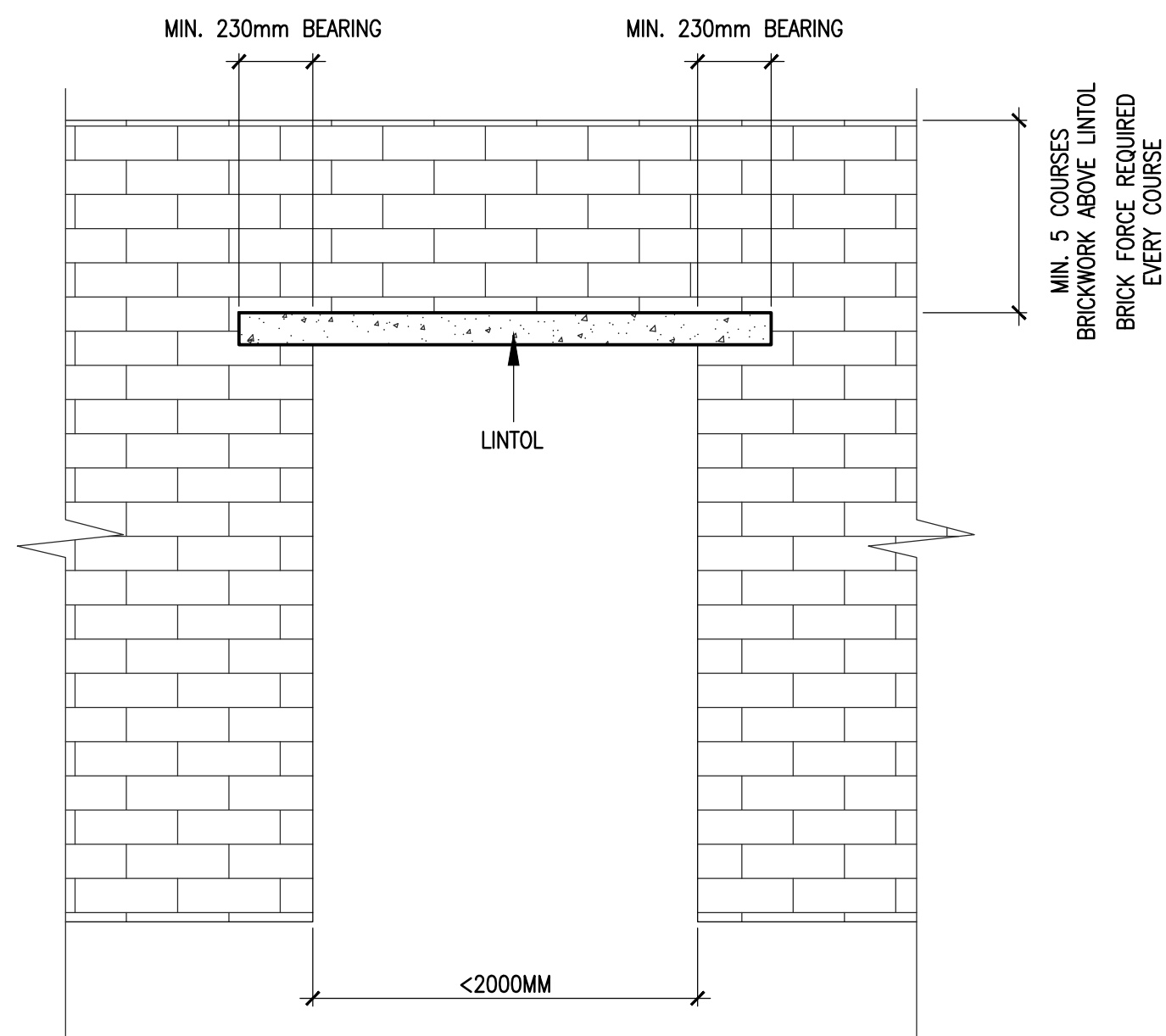
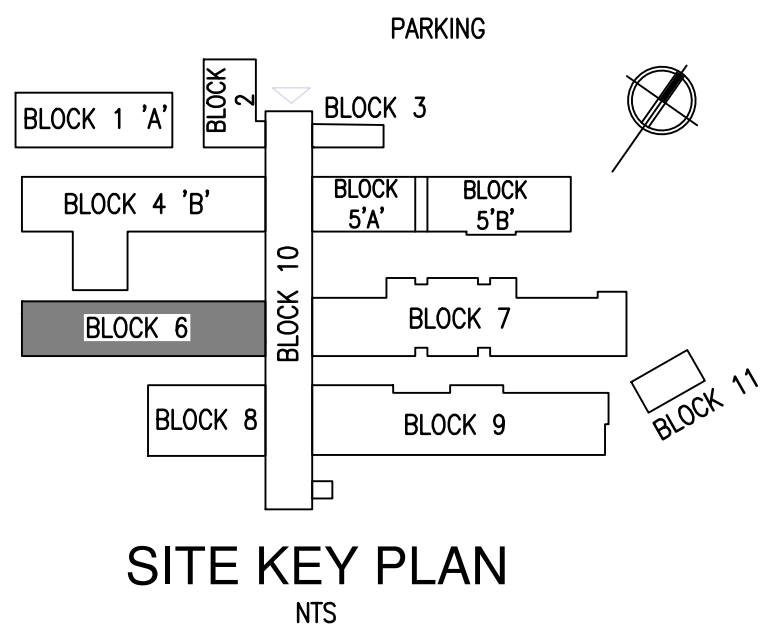
public works	
Department:	Public Works
PROVINCE OF KWAZULU-NATAL	

CLIENT INFORMATION	
CUSTOMER NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH

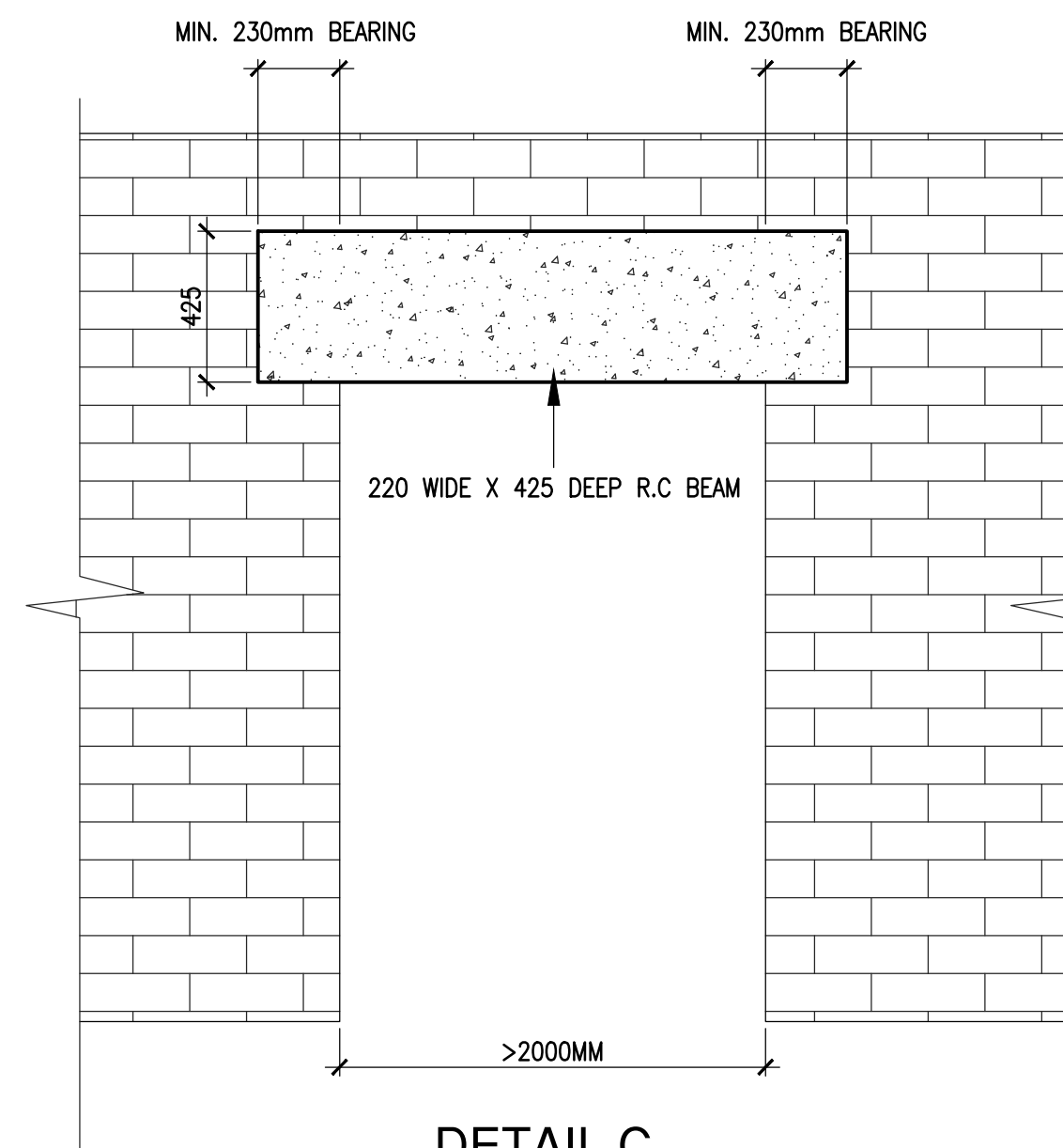
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

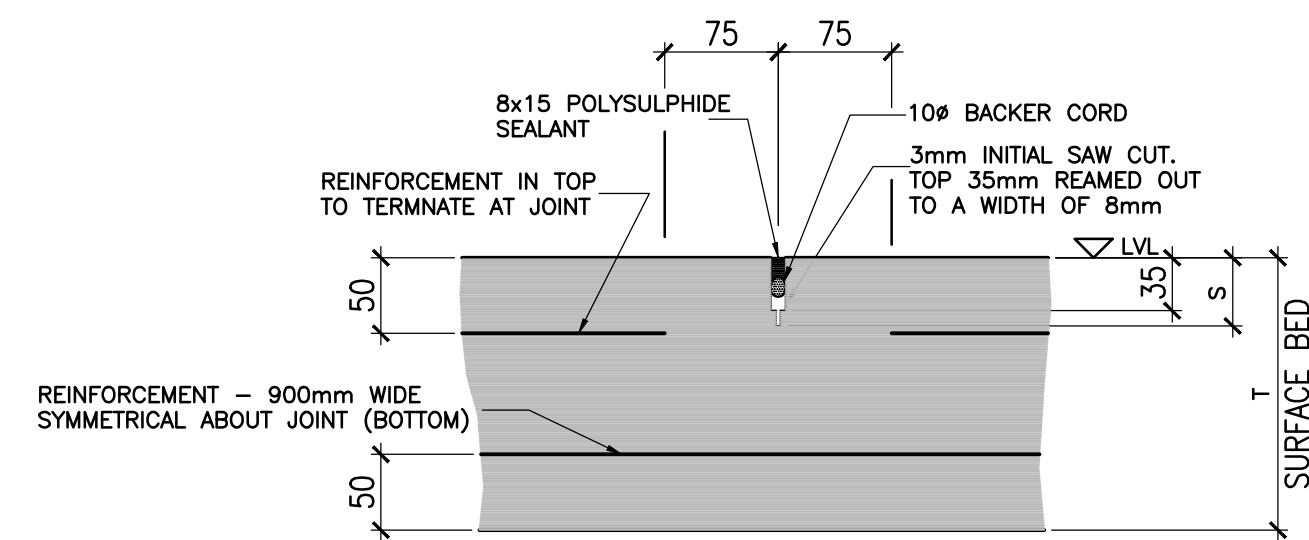
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DRAWN	L.NKWANYANA
DATE	14/04/2022
SCALES	AS SHOWN
CONSULTANT DRAWING NUMBER	300-05B
REVISION	T01
CDPP DRAWING NUMBER	WIMS NO : 062709
STAMPED BY PLANS APPROVAL COMMITTEE	



DETAIL B
ELEVATION
TYPICAL DETAIL FOR NEW OPENINGS
SCALE 1:20



DETAIL C
ELEVATION
TYPICAL DETAIL FOR NEW OPENINGS
SCALE 1:20

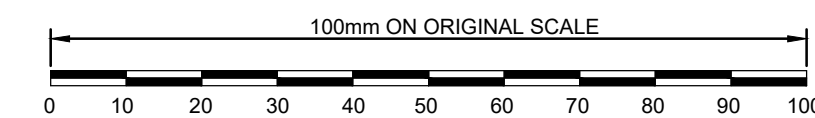


TYPICAL DETAIL OF
SAW CUT JOINTS (SC)
SCALE - N.T.S.

NOTES

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- CONCRETE STRENGTH AT 28 DAYS
 - COLUMNS 30 MPa
 - WALLS 25 MPa
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 - BLINDING 15 MPa
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 - BASES 50mm
 - SLABS 30mm
 - COLUMNS 30mm
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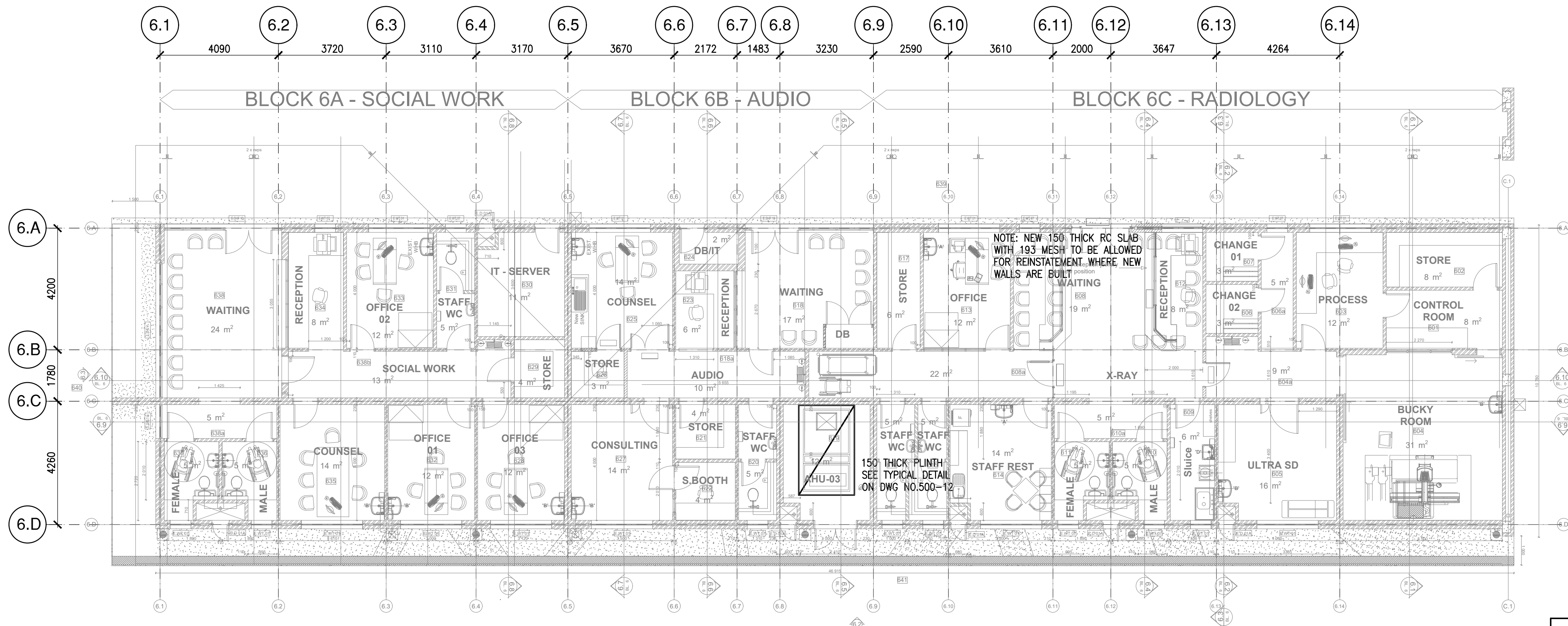


LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN
CLIENT DEPARTMENT SIGNATURES			
FACILITY STAMP			
FACILITY STAMP			
INFRASTRUCTURE MANAGER			
GENERAL MANAGER			
CHECKED BY PROFESSIONAL CONSULTANT			
NAME		ABDOOL SATHARIA	
SIGNATURE			
DATE			

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TEL (031)2077252 FAX (031)2077259



CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	
SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	
DRAWING INFORMATION	
DRAWING TITLE	STAGE 4.2 - TENDER BLOCK 06 - SOCIAL WORK/ AUDIO/ RADIOLOGY GROUND FLOOR LAYOUT
DRAWN	N.BADAT
DATE	03/06/2022
SCALES	AS SHOWN
CONSULTANT DRAWING NUMBER	500-06
REVISION	T02
DOPW DRAWING NUMBER	WIMS NO : 062709
STAMPED BY PLANS APPROVAL COMMITTEE	

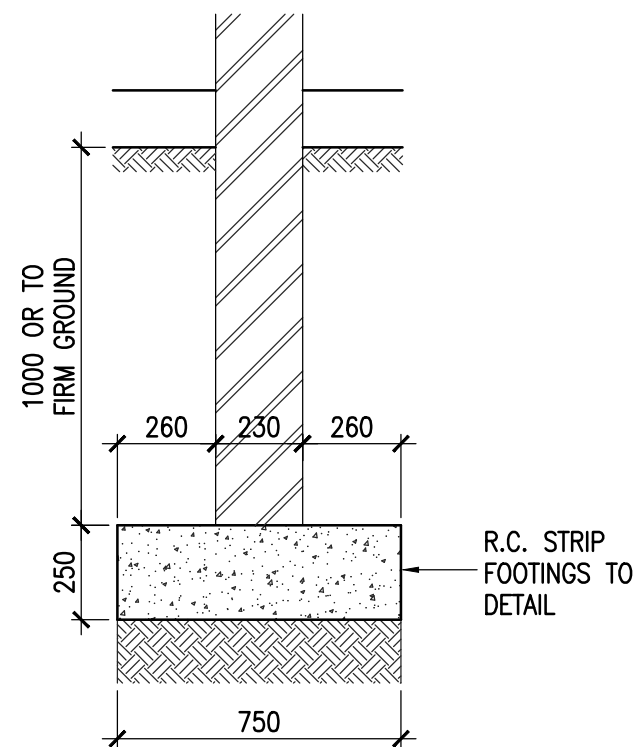
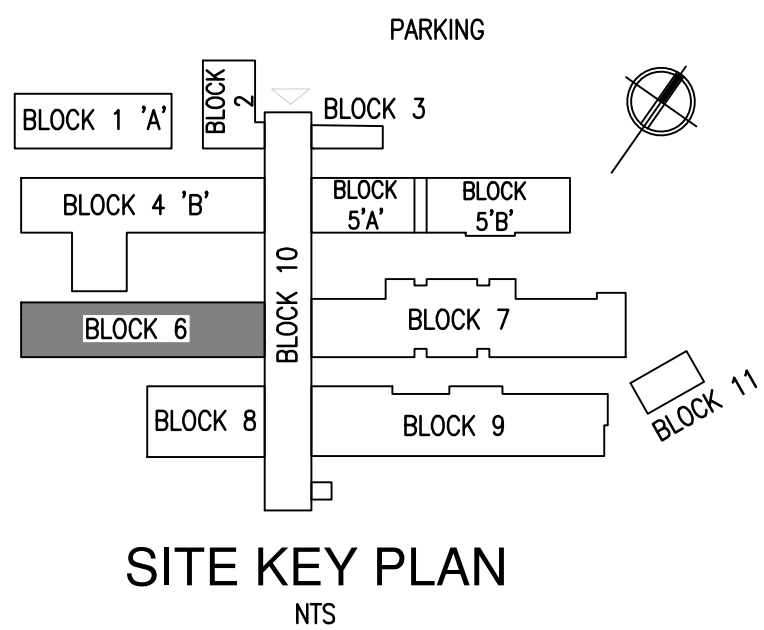


BLOCK 6
GROUND FLOOR
LAYOUT
SCALE 1:100

NOTE:
SAW CUT JOINTS ACROSS
ENTIRE SURFACE BED AT
3m x 3m PANELS

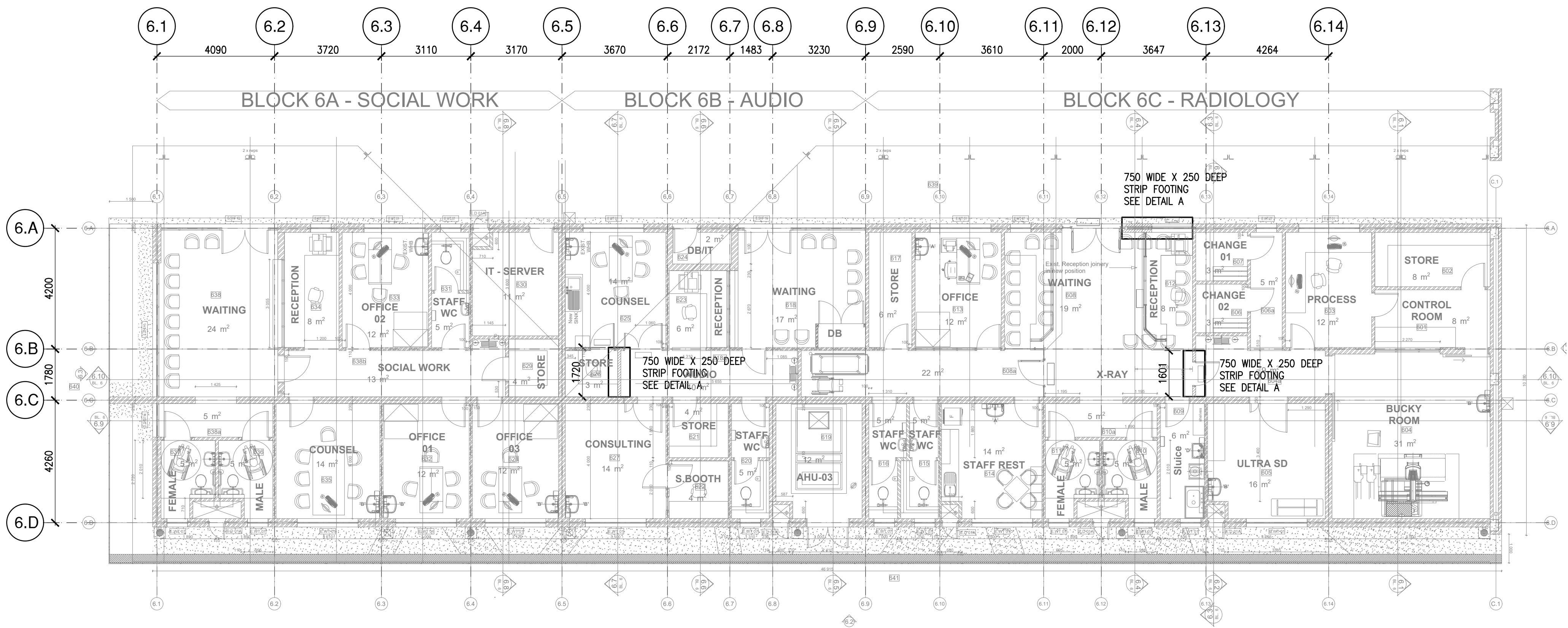
TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

PRELIMINARY



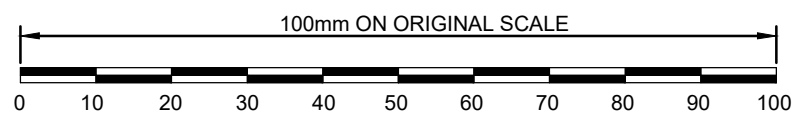
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BLOCK 6
FOUNDATION LAYOUT
SCALE 1:100

NOTE:
750 WIDE x 250 DEEP
STRIP FOOTINGS UNDER
ALL NEW BRICKWORK
(SEE DETAIL A)



TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

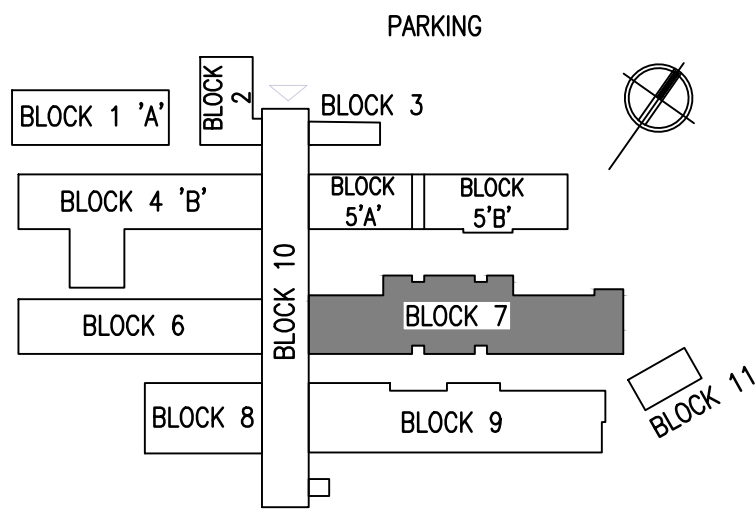
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FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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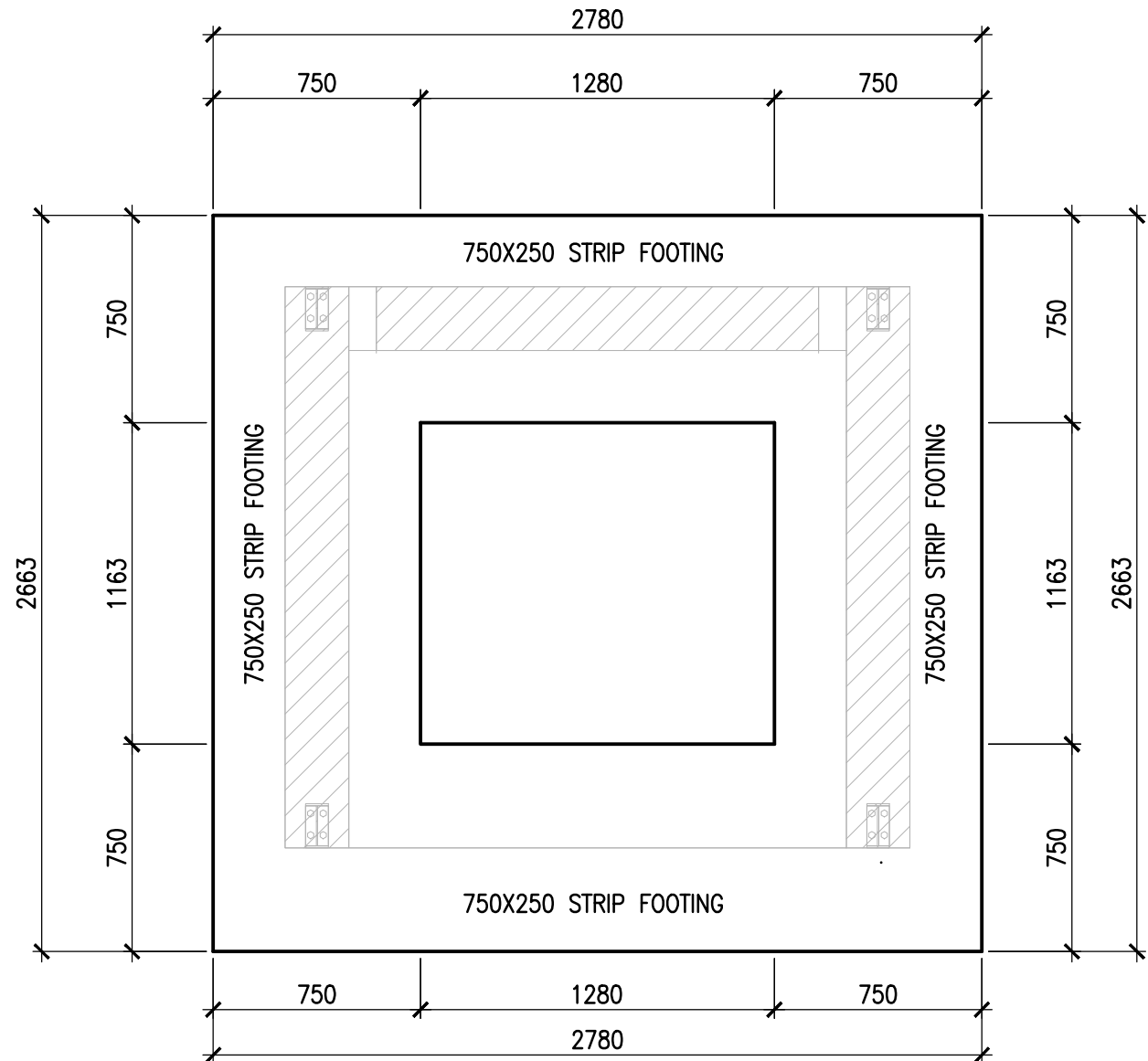
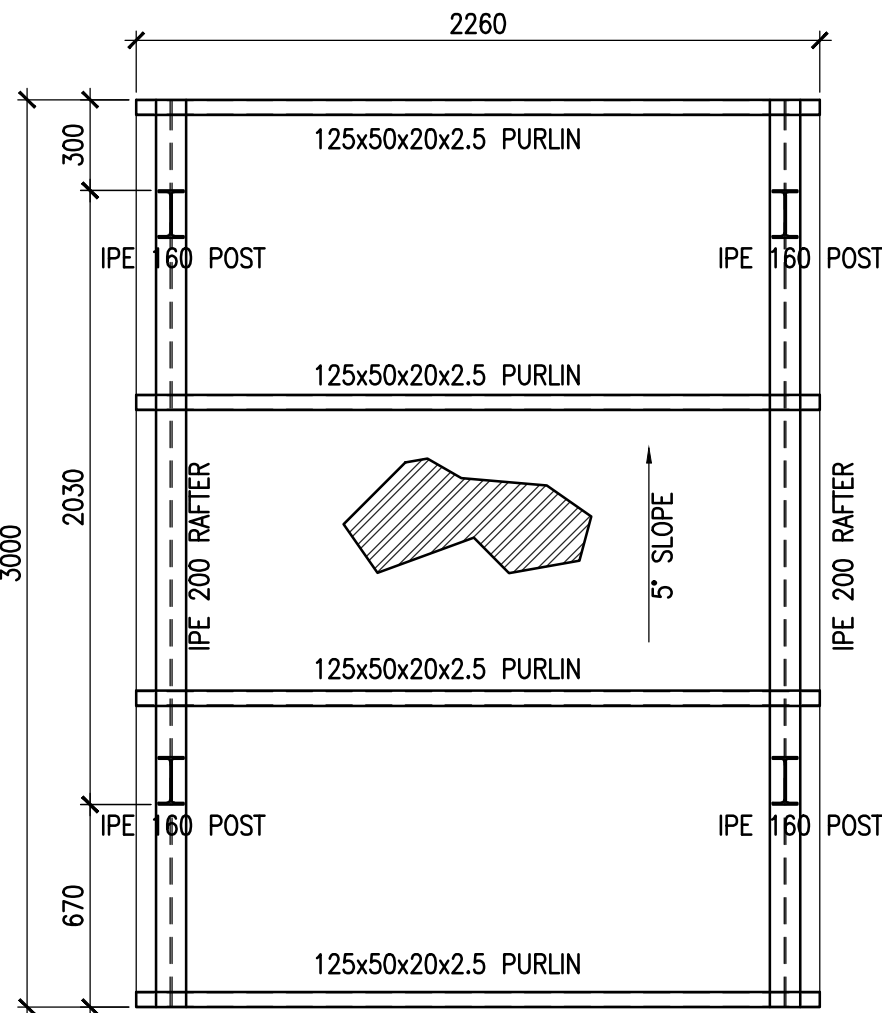
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FAX (031)2077259

public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

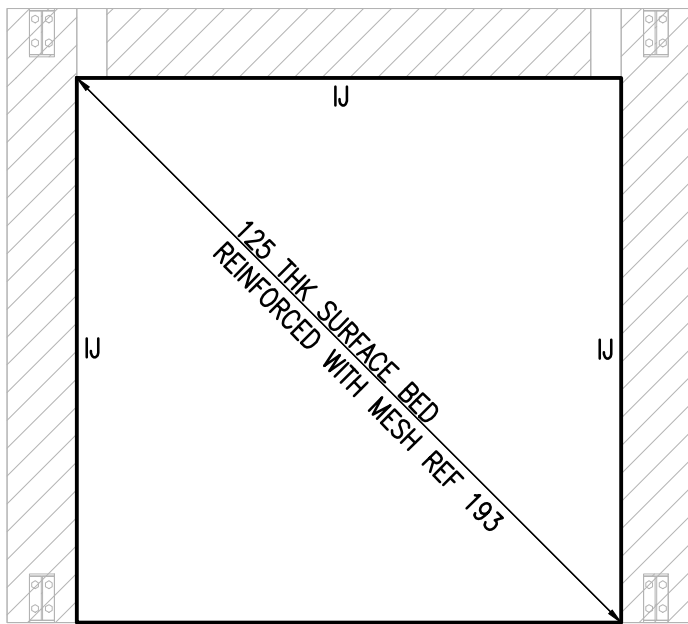
CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	
SITE DESCRIPTION	
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DRAWING INFORMATION	
DRAWING TITLE	
STAGE4.2 - TENDER BLOCK 06 - SOCIAL WORK/ AUDIO/ RADIOLOGY FOUNDATION LAYOUT	
DRAWN	N.BADAT
DATE	03/06/2022
SCALES	AS SHOWN
CONSULTANT DRAWING NUMBER	300-06
REVISION	T02
DOPW DRAWING NUMBER	WIMS NO : 062709
STAMPED BY PLANS APPROVAL COMMITTEE	



SITE KEY PLAN
NTS



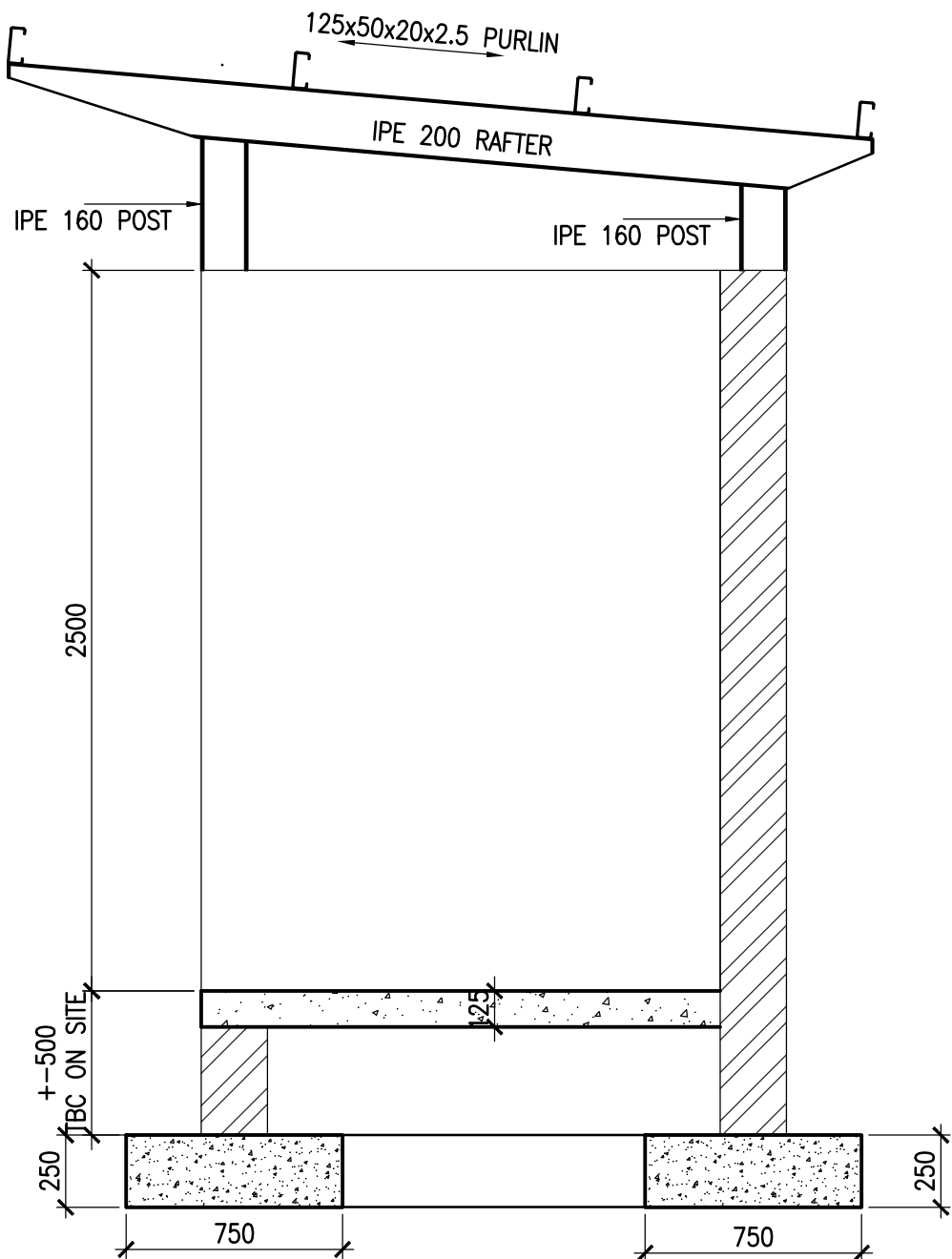
FOUNDATION LAYOUT
SCALE 1:25



SURFACE BED LAYOUT
SCALE 1:25

NOTES

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SECTION 7.1
SCALE 1:25

PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

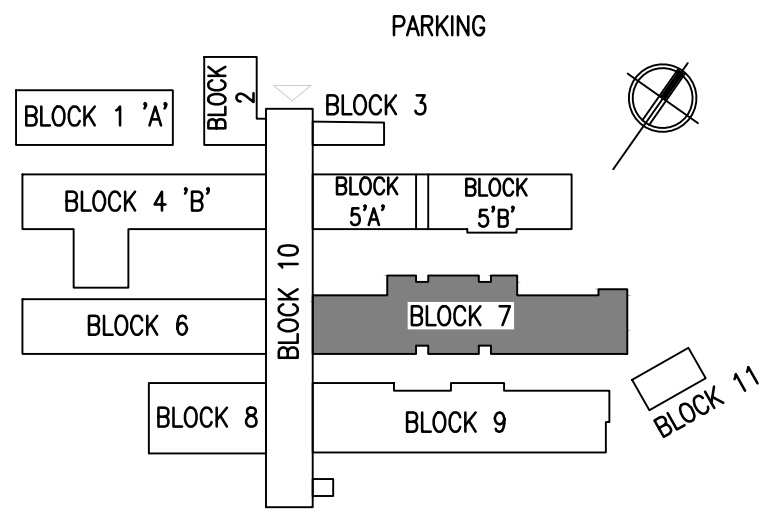
CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION	
DRAWING TITLE	STAGE 4.2 - TENDER BLOCK 07 - COUGH BOOTH

DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	03/06/2022
CONSULTANT DRAWING NUMBER	502-07	REVISION
DOPW DRAWING NUMBER	WIMS NO : 062709	T01

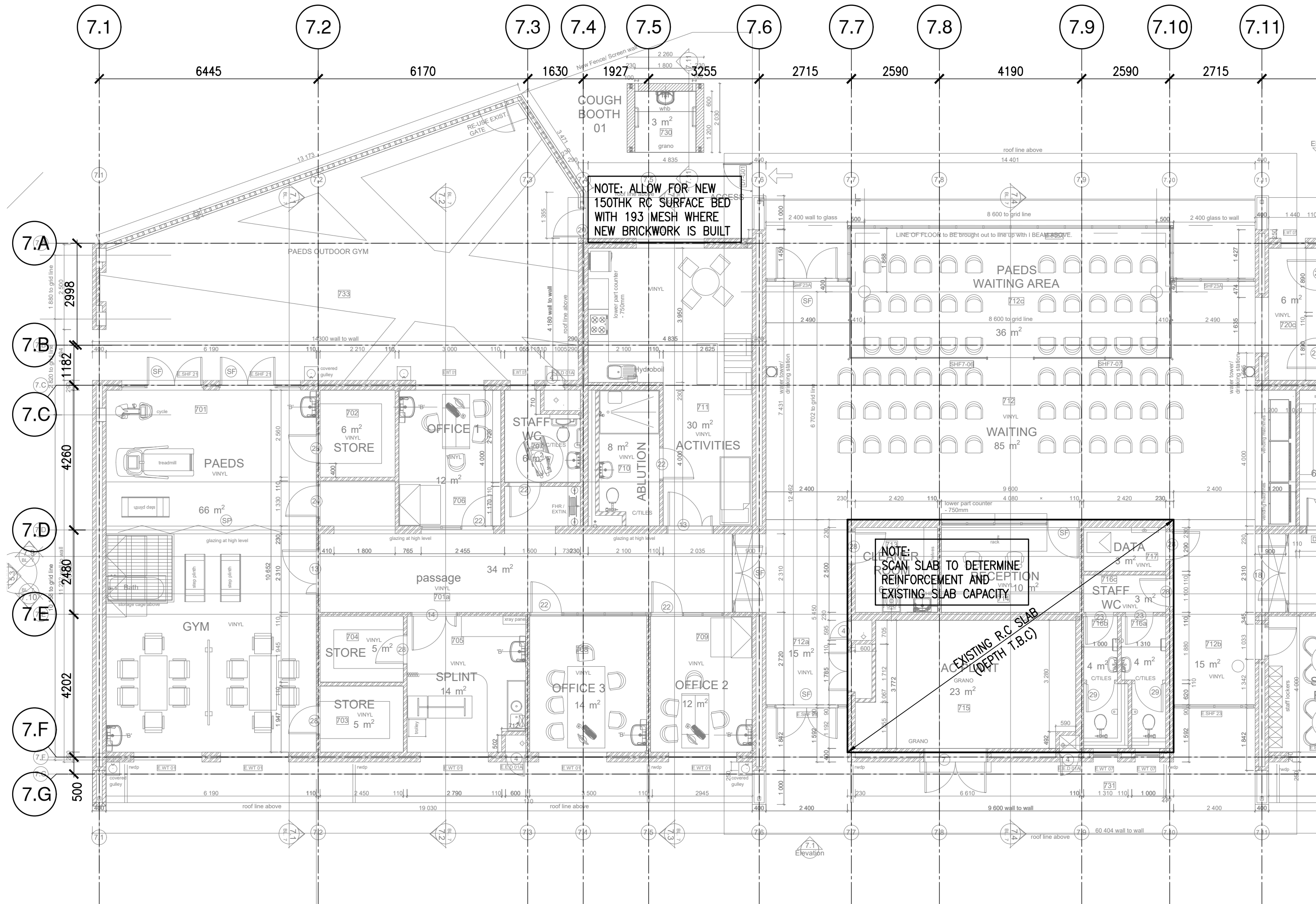
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SITE KEY PLAN
NTS

NOTES

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BLOCK 7
FIRST FLOOR SLAB LAYOUT
SCALE 1:100

PRELIMINARY

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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consulting structural and civil engineers

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OVERPORT 4001
TEL (031)2077252
FAX (031)2077259

public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH

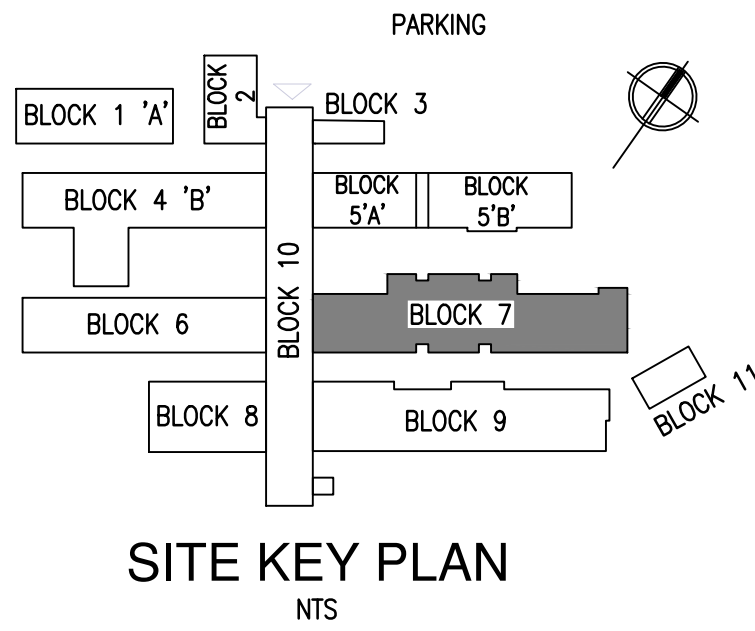
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION	
SITE DESCRIPTION	CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.

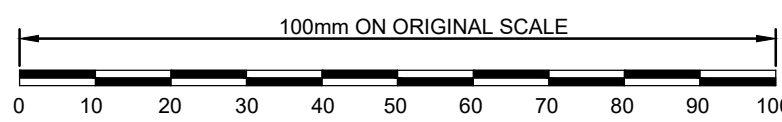
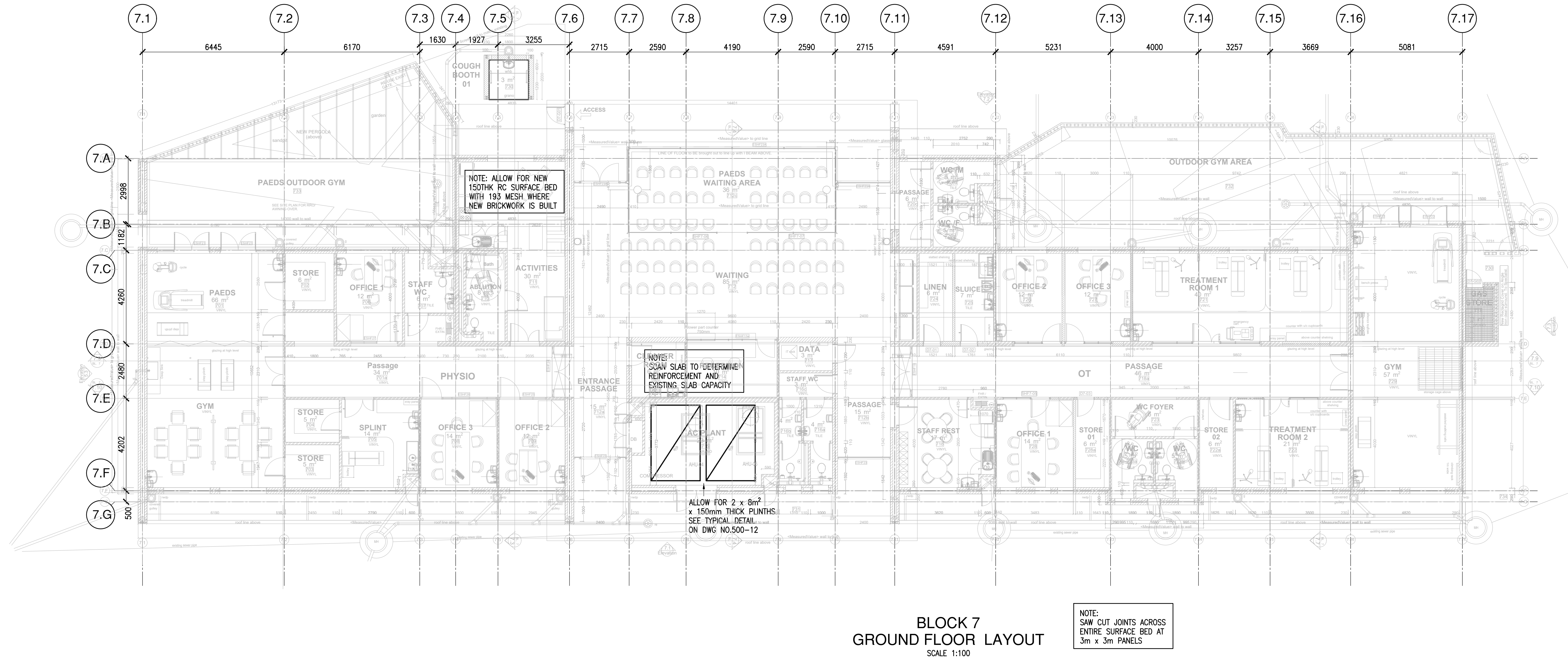
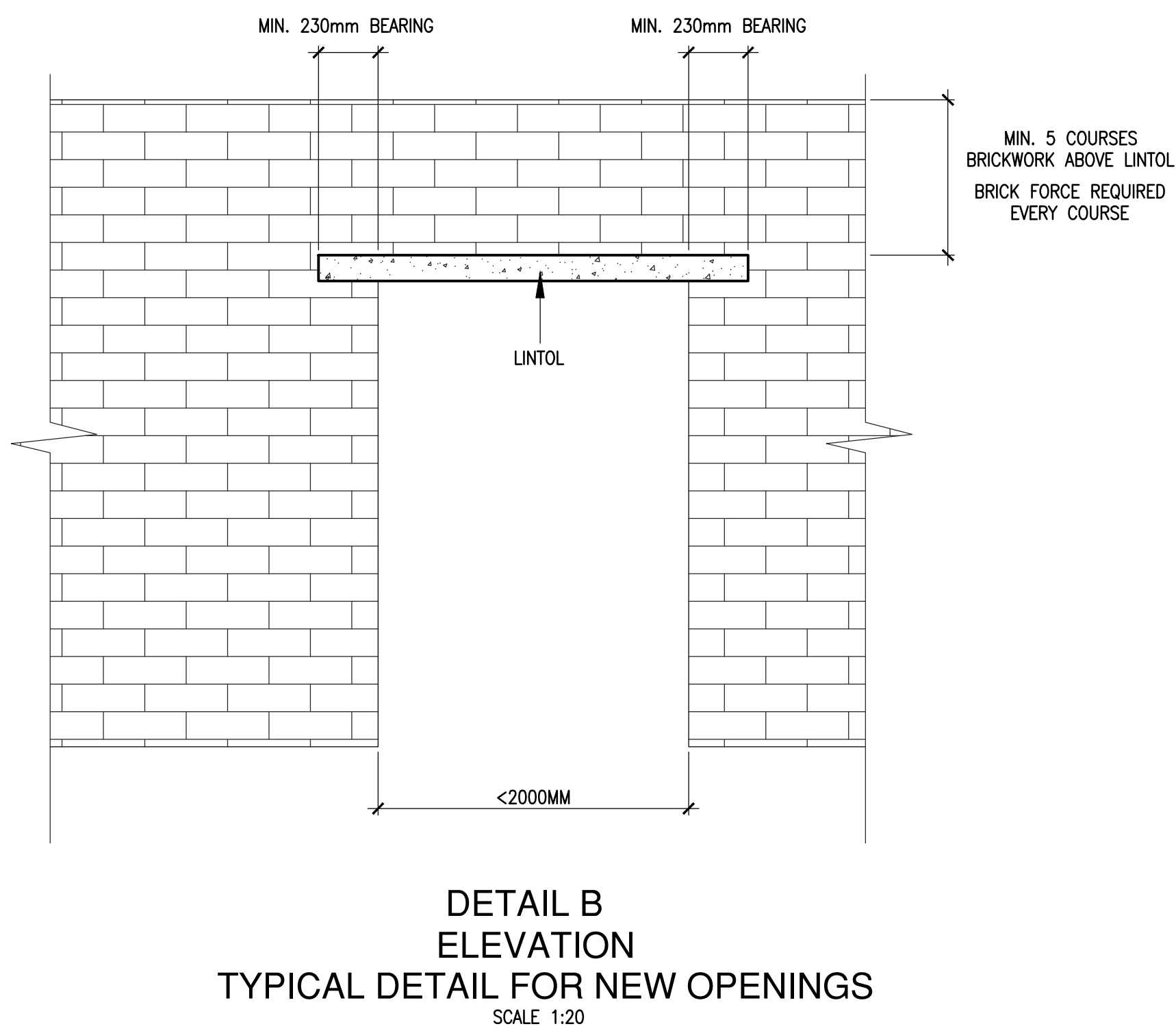
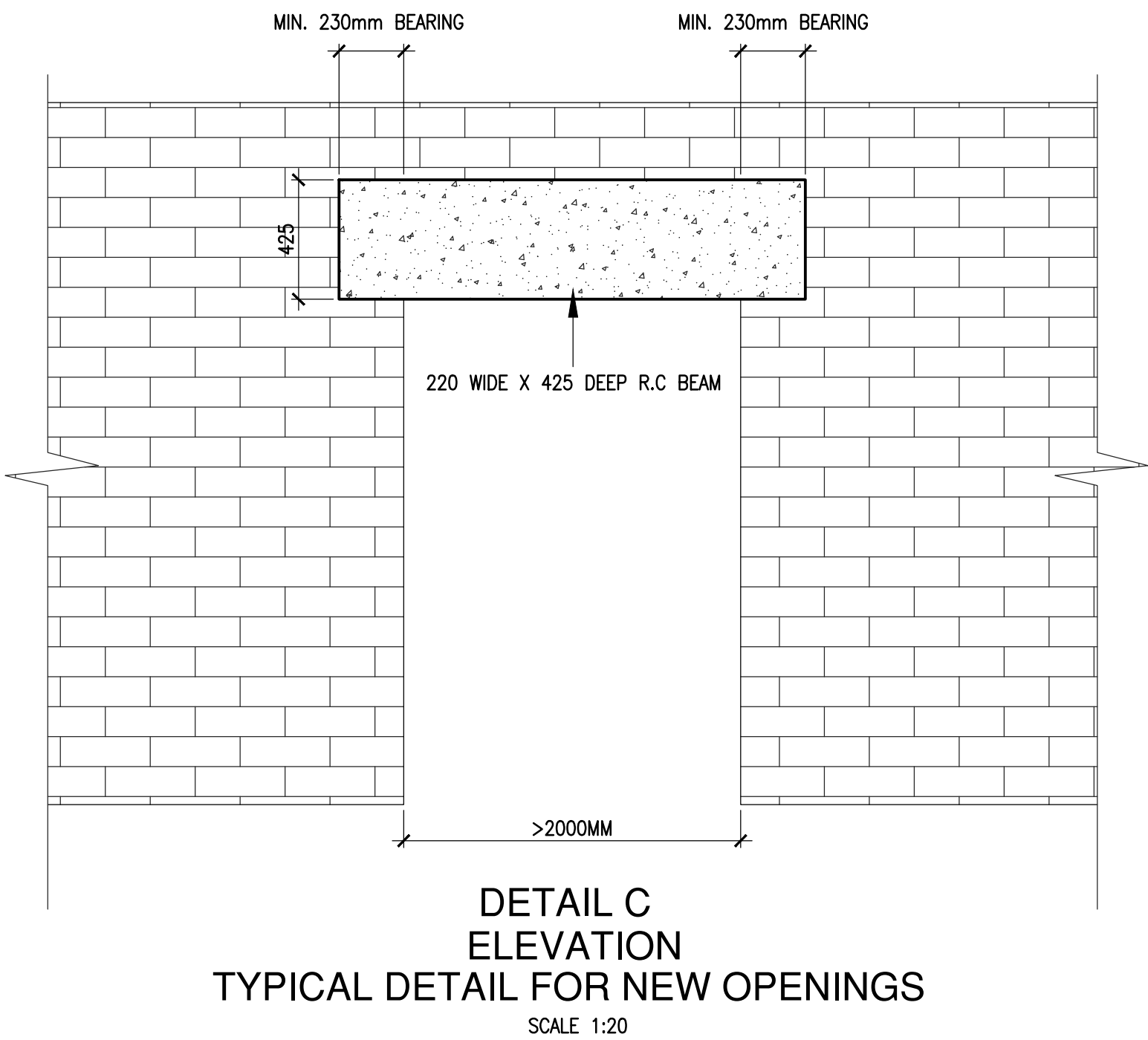
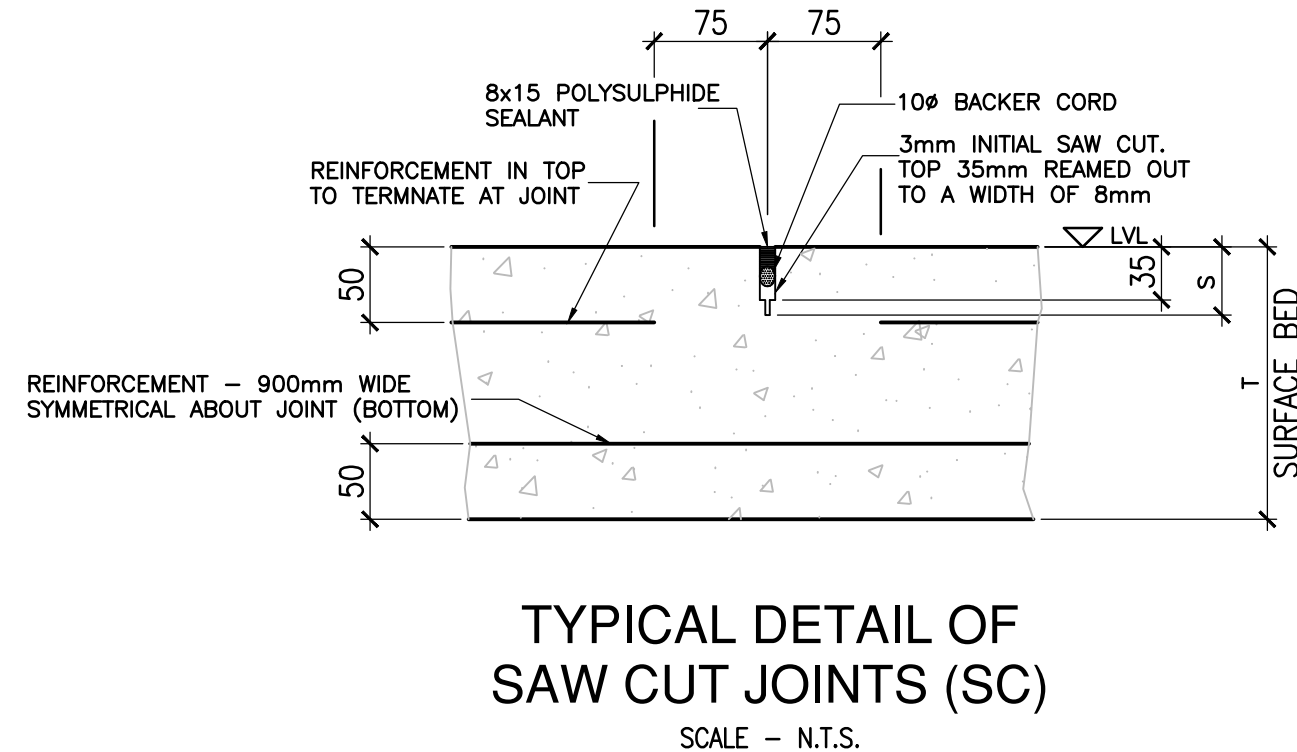
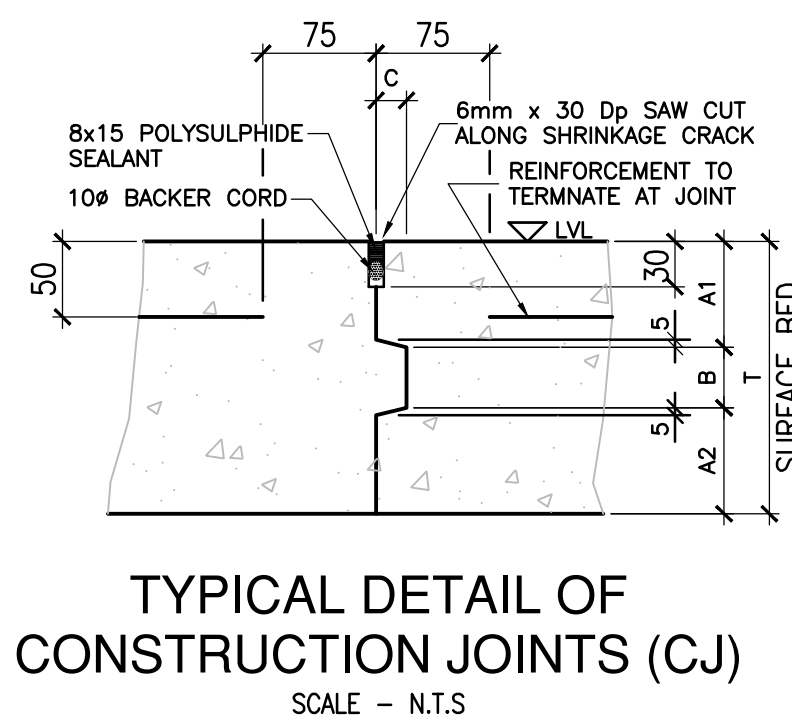
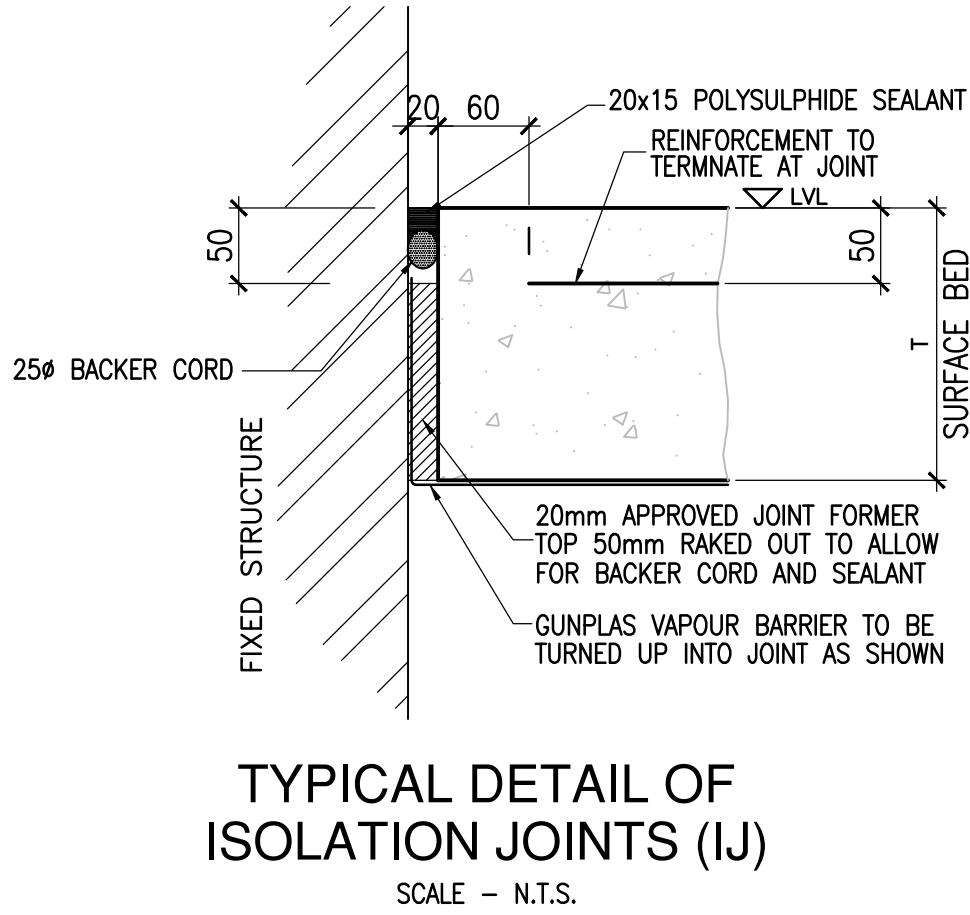
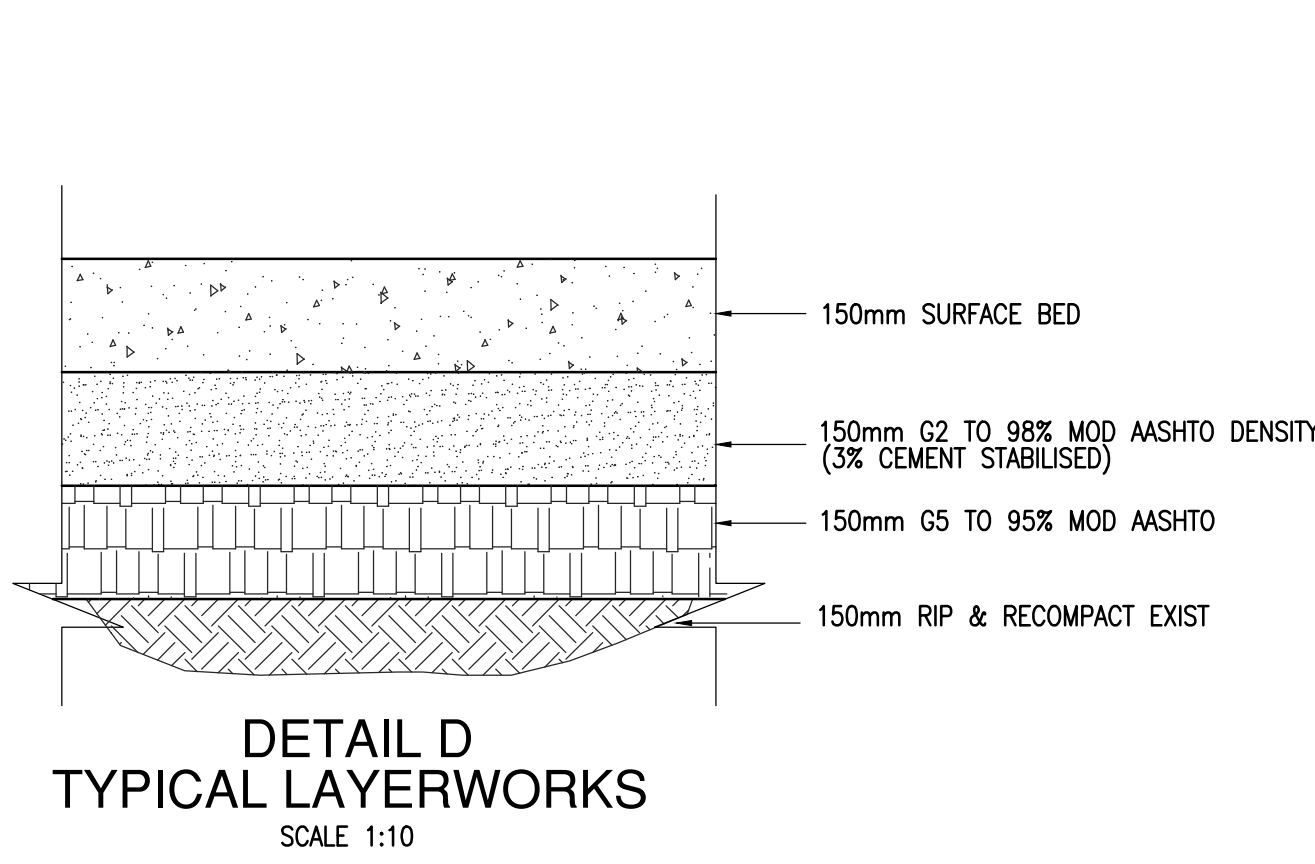
DRAWING INFORMATION	
DRAWING TITLE	STAGE 4.2 - TENDER BLOCK 07 - OT/ PHYSIO FIRST FLOOR SLAB LAYOUT

DRAWN	N.BADAT	DATE	07/05/2019
SCALES	AS SHOWN		
CONSULTANT DRAWING NUMBER	501-07	REVISION	T01
DOPW DRAWING NUMBER	WIMS NO : 062709		

STAMPED BY PLANS APPROVAL COMMITTEE



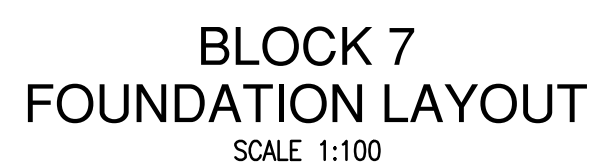
- NOTES
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TO BE READ IN CONJUNCTION WITH DRAWING NO.500-12

PRELIMINARY

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 Y.S. YOUNG + SATHARIA CONSULTING structural and civil engineers SUITE 3 78 JULIA ROAD OVERSEAS 4001 TEL (061) 5077252 FAX (061) 5077250 public works Department: Public Works PROVINCE OF KWAZULU-NATAL <tr><td colspan="4">CLIENT INFORMATION</td></tr> <tr><td colspan="4">DEPARTMENT OF PUBLIC WORKS - KZN</td></tr> <tr><td colspan="4">USER DEPARTMENT</td></tr> <tr><td colspan="4">DEPARTMENT OF HEALTH</td></tr> <tr><td colspan="4">PROJECT INFORMATION</td></tr> <tr><td colspan="4">PROJECT DESCRIPTION</td></tr> <tr><td colspan="4">KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT</td></tr> <tr><td colspan="4">SITE DESCRIPTION</td></tr> <tr><td colspan="4">CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.</td></tr> <tr><td colspan="4">DRAWING INFORMATION</td></tr> <tr><td colspan="4">DRAWING TITLE</td></tr> <tr><td colspan="4">STAGE 4.2 - TENDER BLOCK 07 - OT/ PHYSIO GROUND FLOOR LAYOUT</td></tr> <tr><td colspan="2">DRAWING</td><td colspan="2">DATE</td></tr> <tr><td colspan="2">N.BADAT</td><td colspan="2">03/06/2022</td></tr> <tr><td colspan="2">SCALES</td><td colspan="2">REVISION</td></tr> <tr><td colspan="2">AS SHOWN</td><td colspan="2">T02</td></tr> <tr><td colspan="4">CONSULTANT DRAWING NUMBER</td></tr> <tr><td colspan="4">500-07</td></tr> <tr><td colspan="4">COPY DRAWING NUMBER</td></tr> <tr><td colspan="4">WIMS NO : 062709</td></tr> <tr><td colspan="4">STAMPED BY PLANS APPROVAL COMMITTEE</td></tr>				CLIENT INFORMATION				DEPARTMENT OF PUBLIC WORKS - KZN				USER DEPARTMENT				DEPARTMENT OF HEALTH				PROJECT INFORMATION				PROJECT DESCRIPTION				KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT				SITE DESCRIPTION				CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.				DRAWING INFORMATION				DRAWING TITLE				STAGE 4.2 - TENDER BLOCK 07 - OT/ PHYSIO GROUND FLOOR LAYOUT				DRAWING		DATE		N.BADAT		03/06/2022		SCALES		REVISION		AS SHOWN		T02		CONSULTANT DRAWING NUMBER				500-07				COPY DRAWING NUMBER				WIMS NO : 062709				STAMPED BY PLANS APPROVAL COMMITTEE			
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STAMPED BY PLANS APPROVAL COMMITTEE																																																																																							

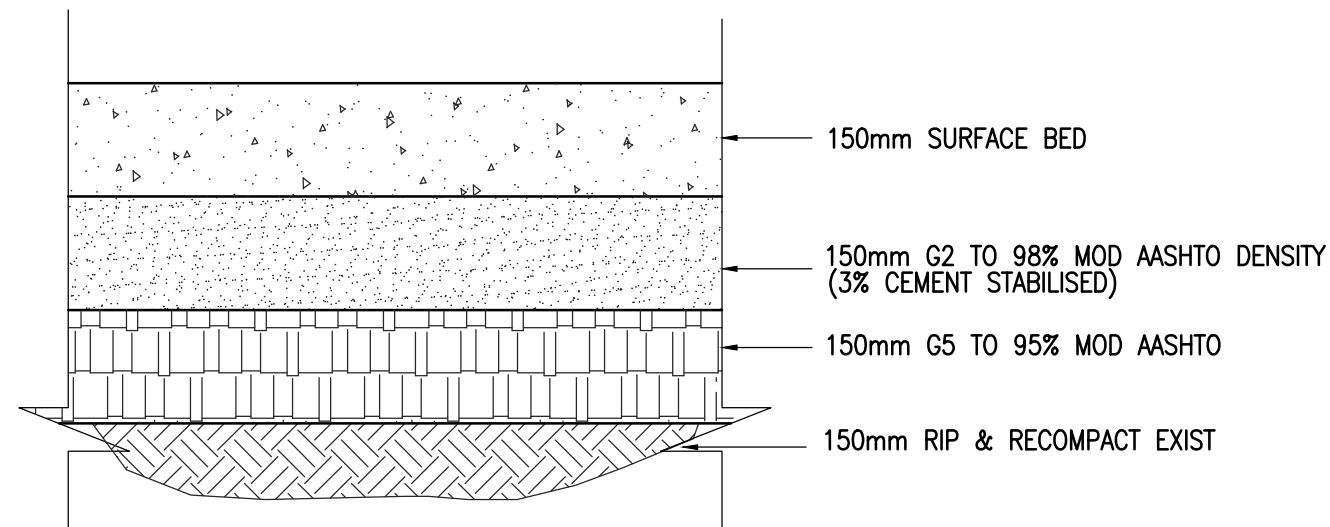
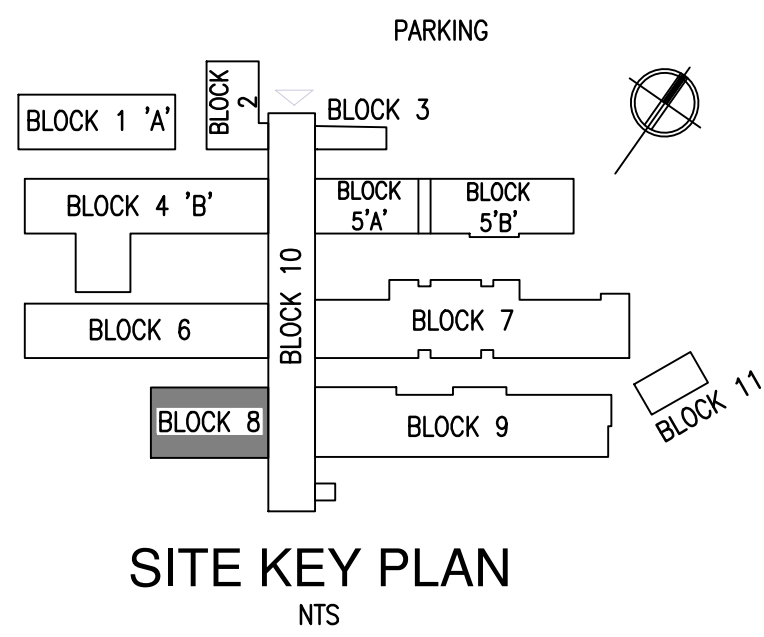


NOTE:
750 WIDE x 250 DEEP
STRIP FOOTINGS UNDER
ALL NEW BRICKWORK
(SEE DETAIL A)

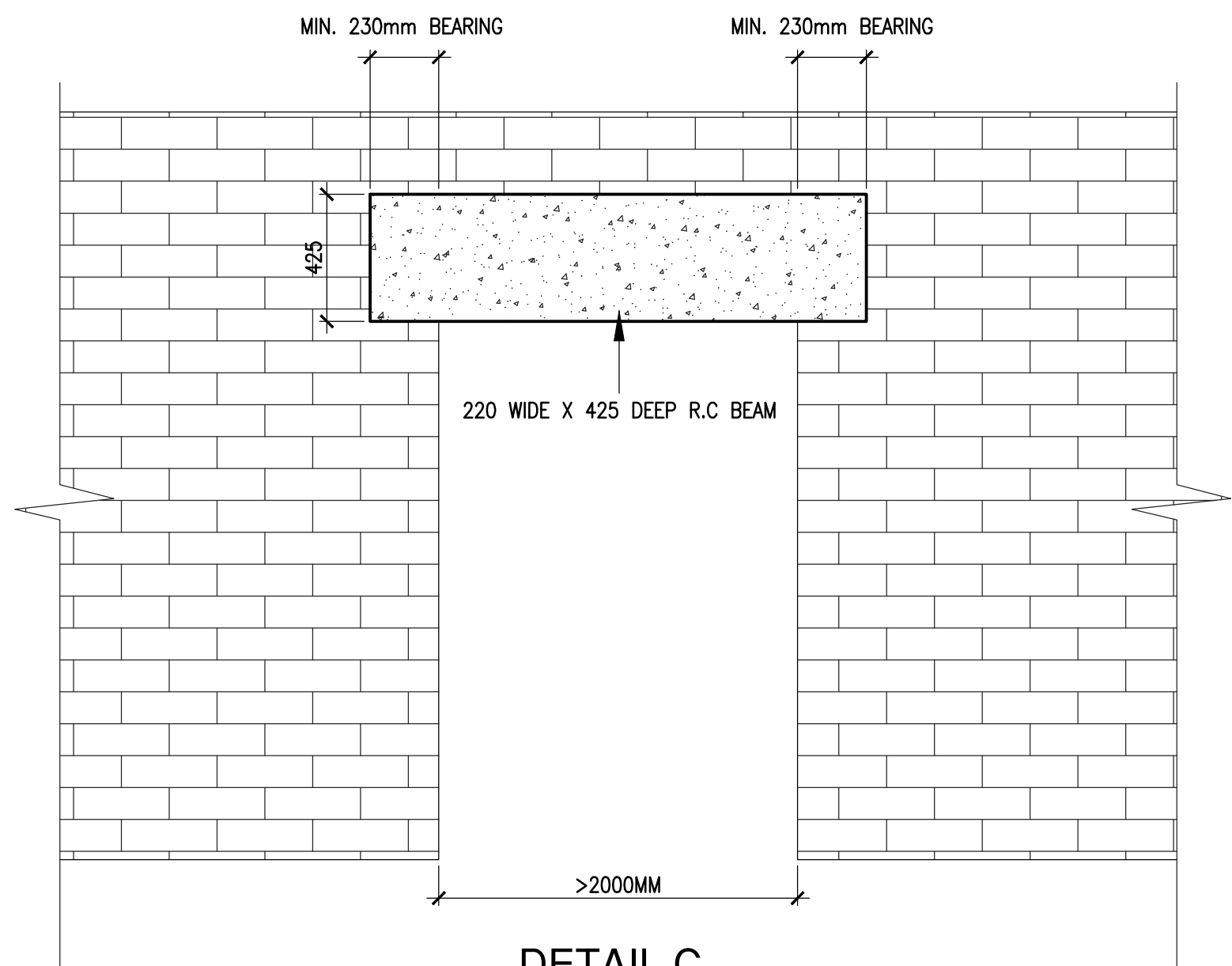
9 WORK TO FIGURED DIMENSIONS ONLY
DO NOT SCALE.

COLUMNS	30 MPa
WALLS	25 MPa
STAIRS	25 MPa
SLABS	30 MPa
BEAMS	30 MPa
BLINDING	15 MPa
BASES	25 MPa
GROUND BEAMS	25 MPa

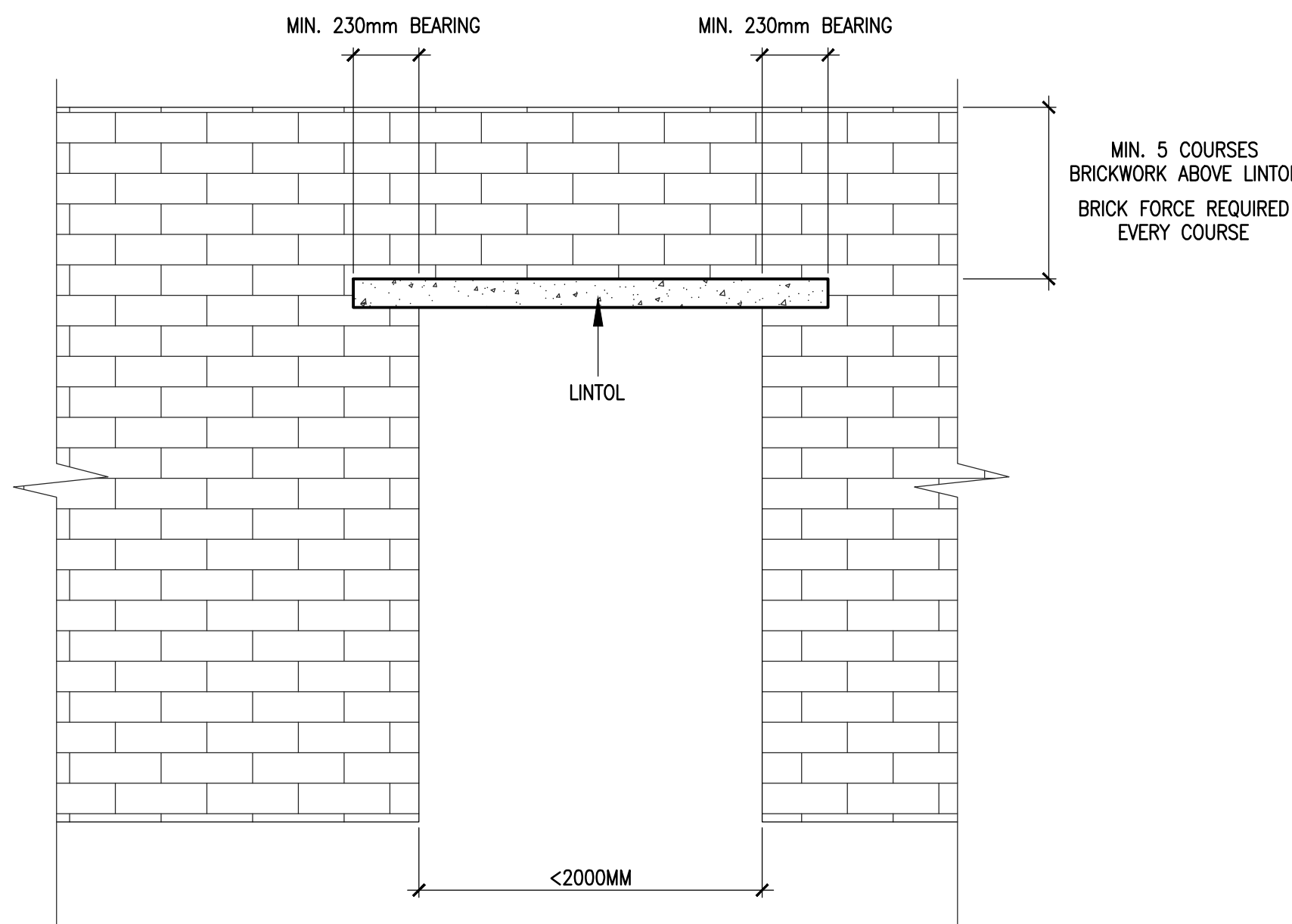
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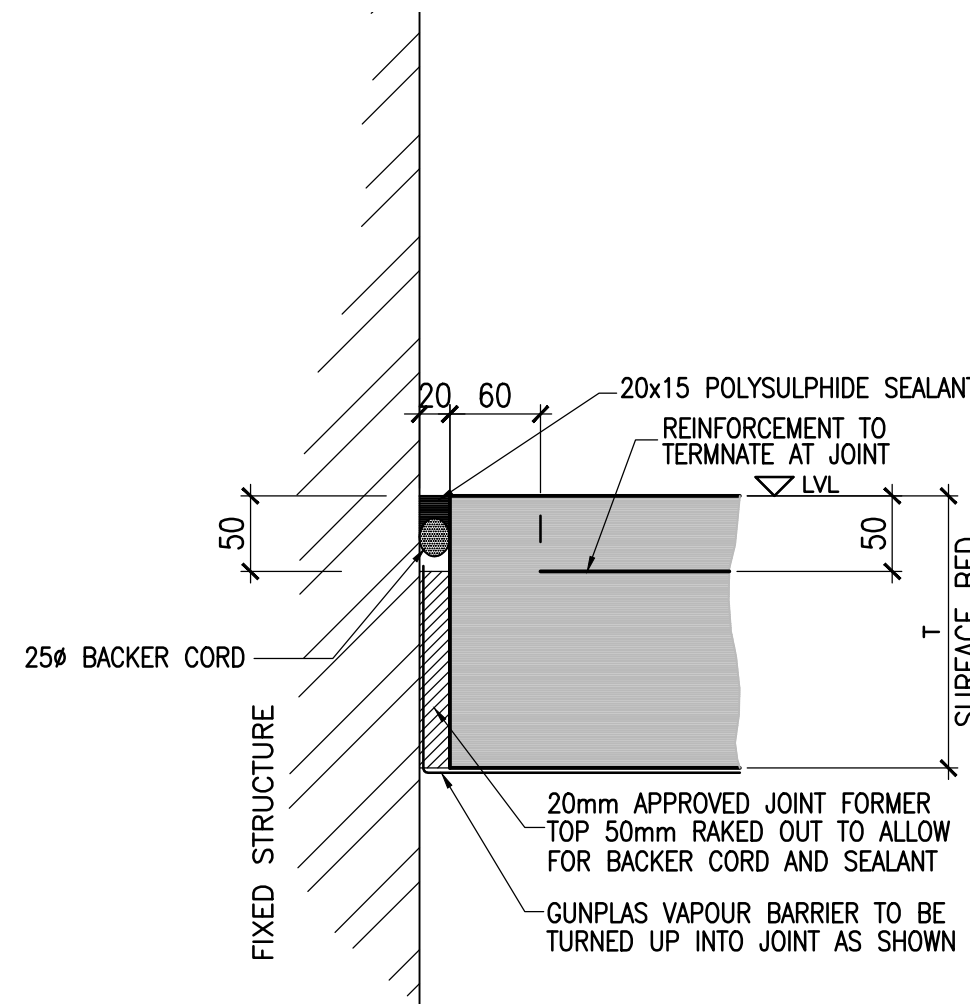
DETAIL D
TYPICAL LAYERWORKS
SCALE 1:10



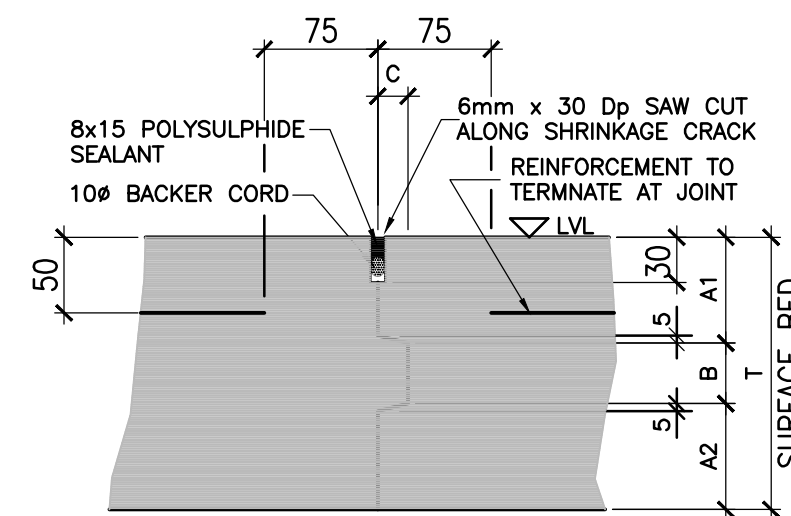
DETAIL C
ELEVATION
TYPICAL DETAIL FOR NEW OPENINGS
SCALE 1:20



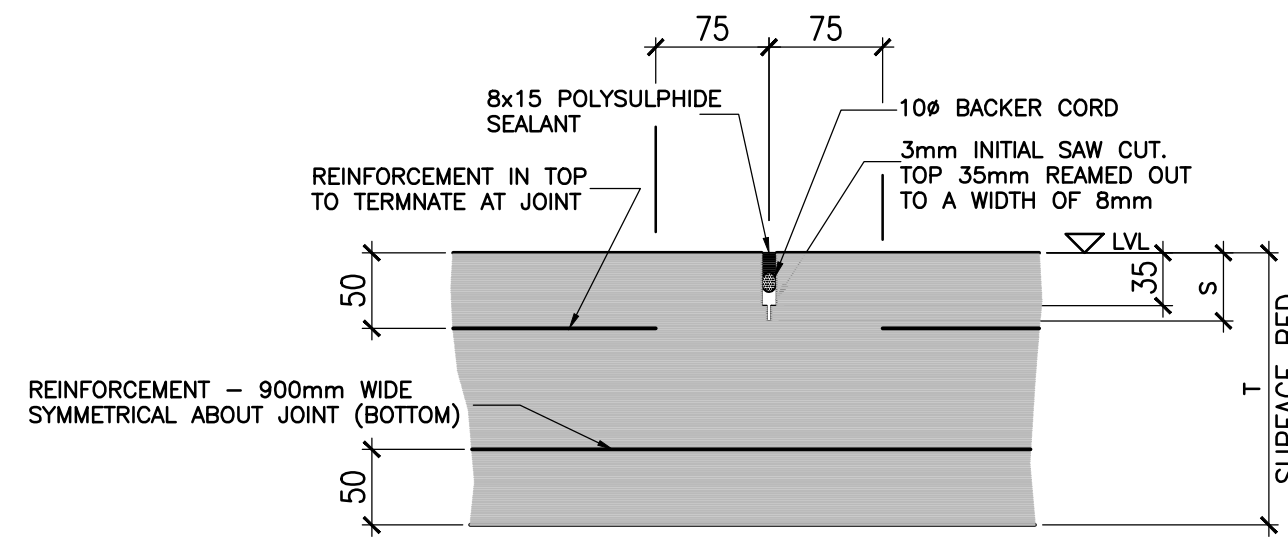
DETAIL B
ELEVATION
TYPICAL DETAIL FOR NEW OPENINGS
SCALE 1:20



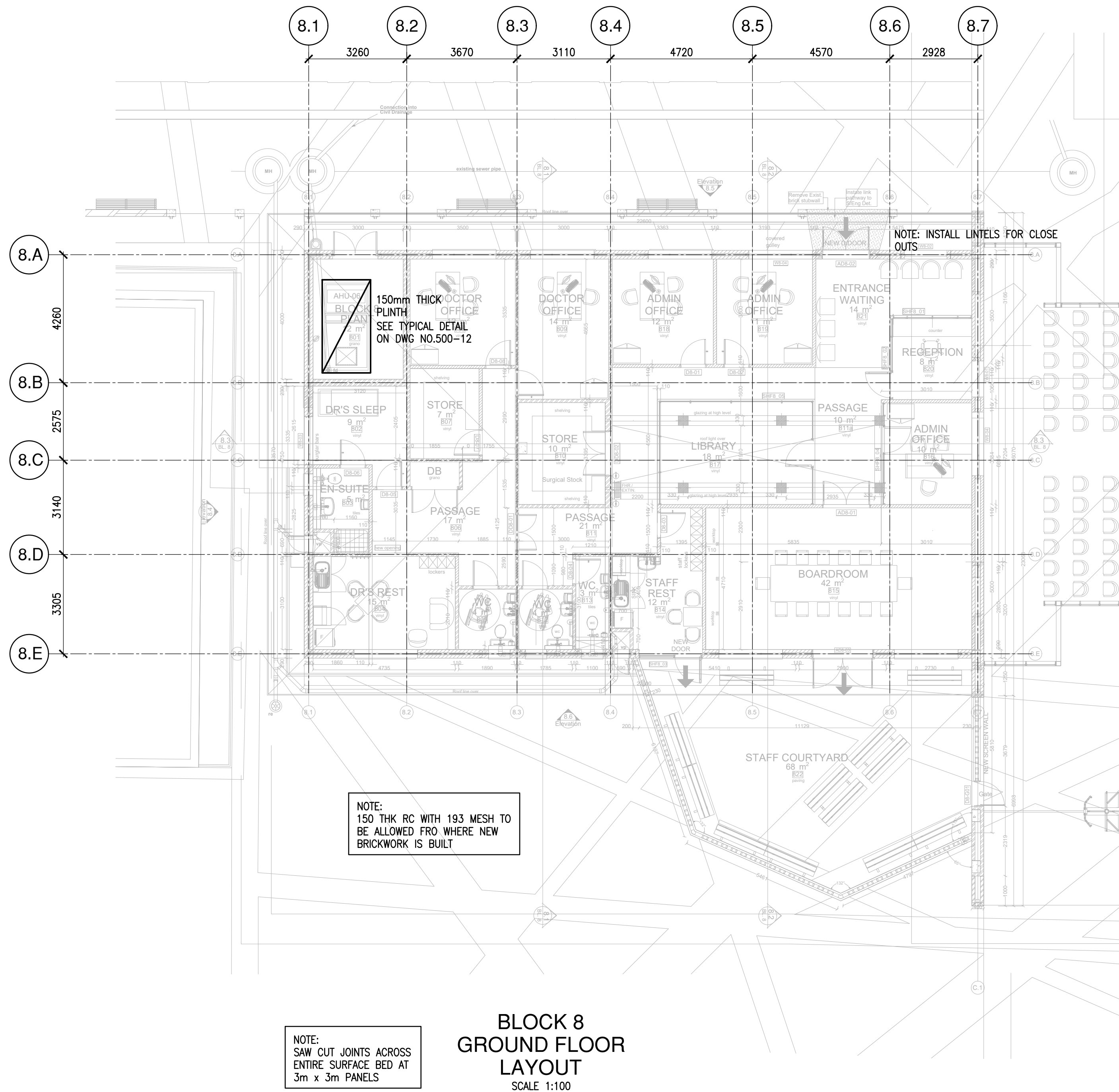
TYPICAL DETAIL OF
ISOLATION JOINTS (IJ)
SCALE - N.T.S.



TYPICAL DETAIL OF
CONSTRUCTION JOINTS (CJ)
SCALE - N.T.S.



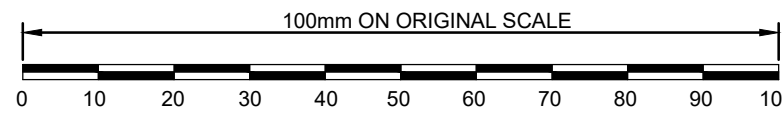
TYPICAL DETAIL OF
SAW CUT JOINTS (SC)
SCALE - N.T.S.



BLOCK 8
GROUND FLOOR
LAYOUT
SCALE 1:100

NOTES

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- ALL REINFORCEMENT IS TO BE INSPECTED BY THE ENGINEER
- 50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
- CONCRETE STRENGTH AT 28 DAYS
 - COLUMNS 30 MPa
 - WALLS 25 MPa
 - STAIRS 25 MPa
 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 25mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.



LIST OF REVISIONS		
NO.	DATE	DESCRIPTION

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

Y.S. YOUNG + SATHARIA	SUITE 3 7th JULIA ROAD OVERSEAS 4001 TEL: (011) 2077252 FAX: (011) 2077259
consulting structural and civil engineers	

	public works
Department:	Public Works
PROVINCE OF KWAZULU-NATAL	

CLIENT INFORMATION	
CURR. NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH

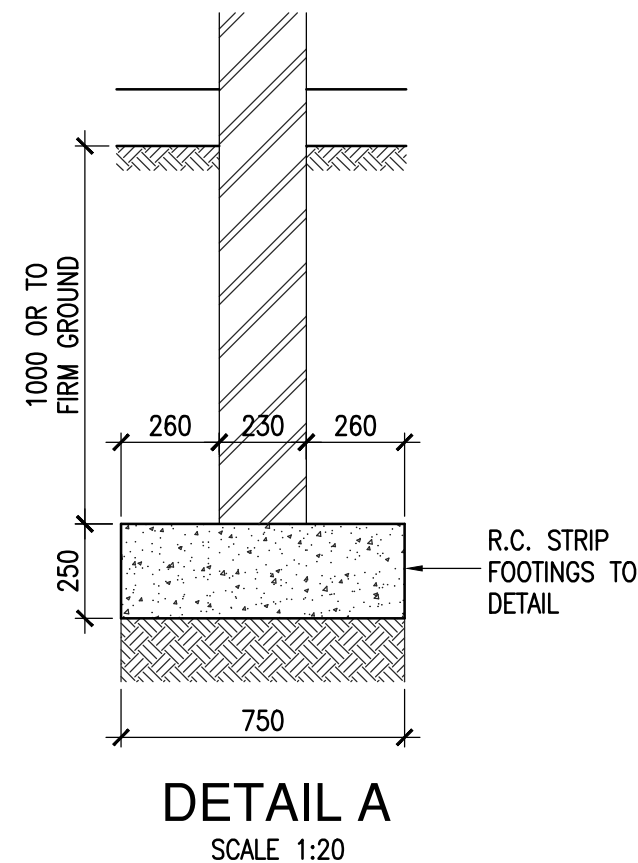
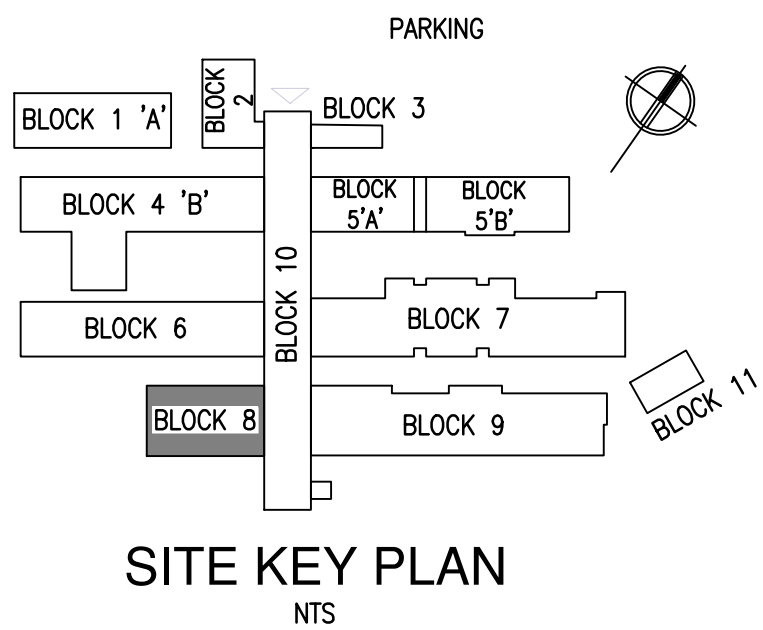
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION	
DRAWING TITLE	STAGE 4.2 - TENDER BLOCK 08 - STAFF COMPLEX GROUND FLOOR LAYOUT
DRAWN	N.BADAT
DATE	03/06/2022
SCALES	AS SHOWN
CONSULTANT DRAWING NUMBER	500-08
REVISION	T02
COPY DRAWING NUMBER	WIMS NO : 062709

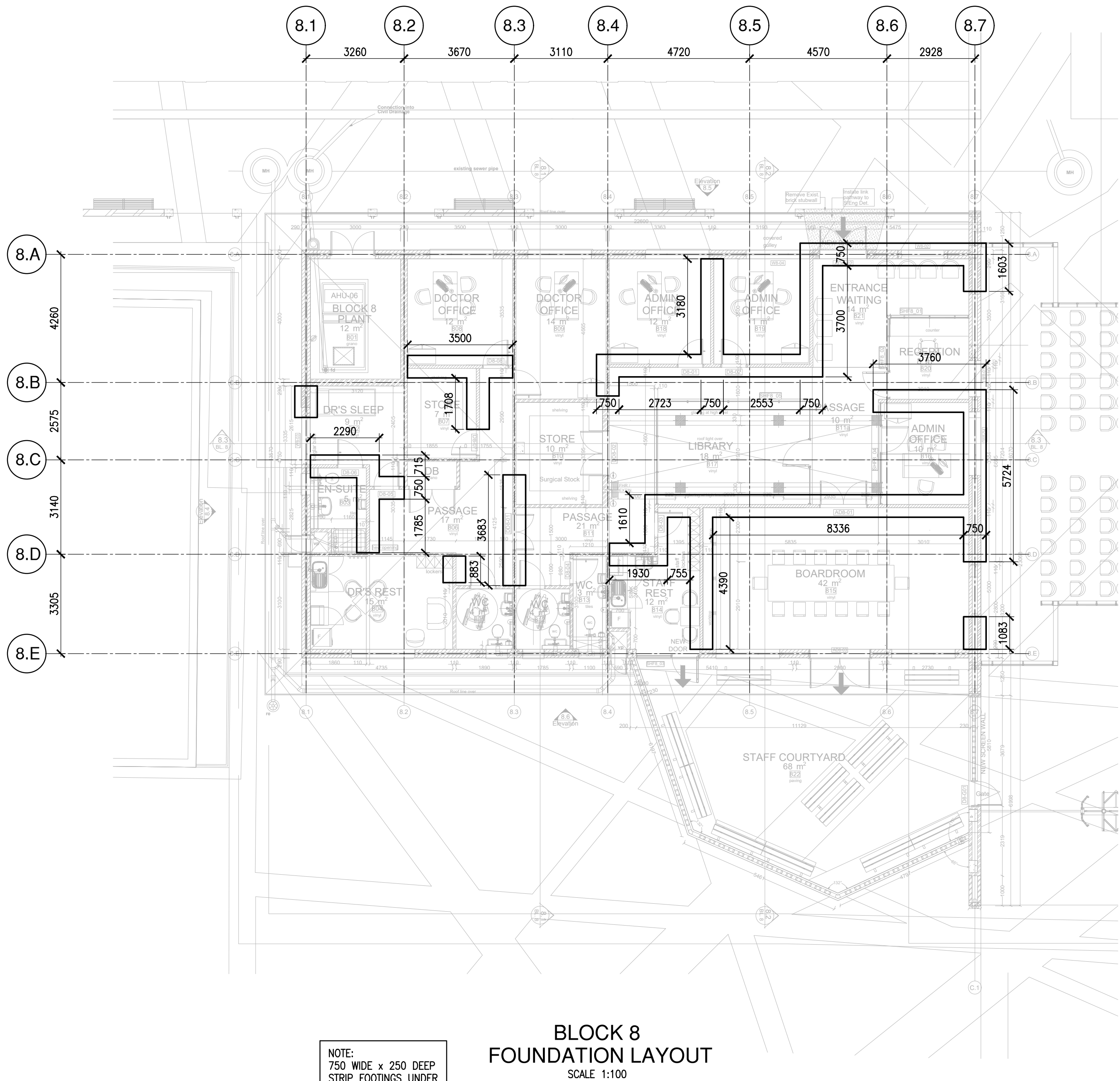
TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

PRELIMINARY



NOTES

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- CONCRETE STRENGTH AT 28 DAYS
 - COLUMNS 30 MPa
 - WALLS 25 MPa
 - STAIRS 25 MPa
 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 30mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.



NOTE:
750 WIDE x 250 DEEP
STRIP FOOTINGS UNDER
ALL NEW BRICKWORK
(SEE DETAIL A)

**BLOCK 8
FOUNDATION LAYOUT**
SCALE 1:100

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

Y.S. YOUNG + SATHARIA (Pty) LTD
consulting structural and civil engineers

SUITE 3,
78 JULIA ROAD
OVERPORT 4001
TEL (031)2077252
FAX (031)2077259



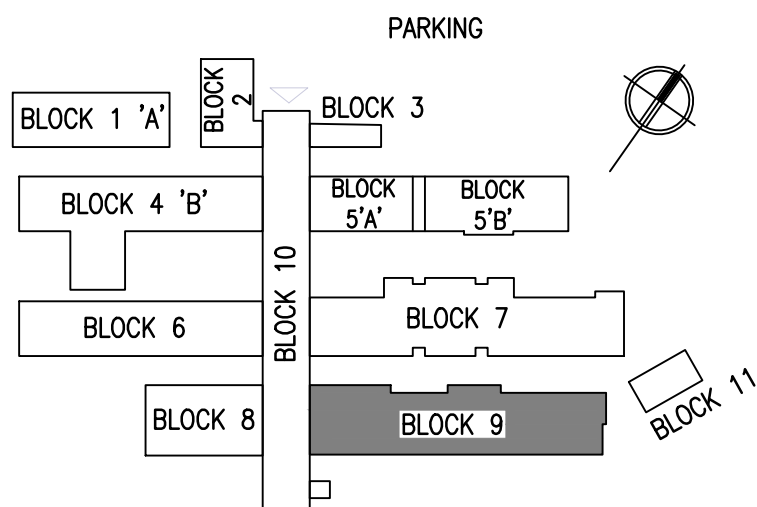
public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	

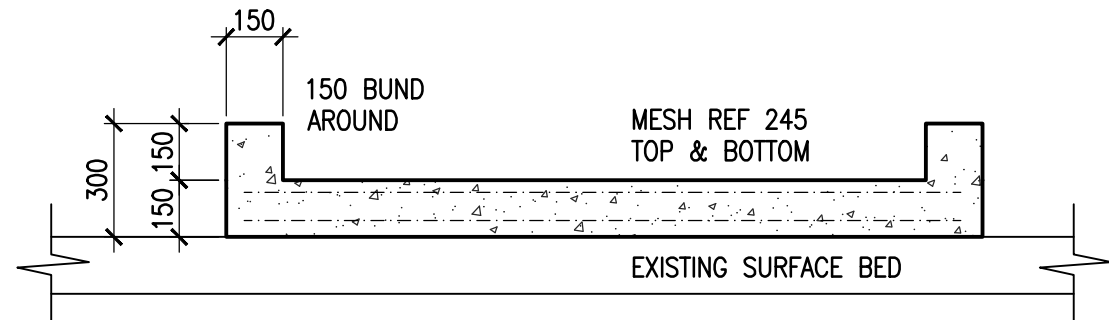
SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION		
DRAWING TITLE		
STAGE 4.2 - TENDER BLOCK 08 - STAFF COMPLEX FOUNDATION LAYOUT		
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	03/06/2022
CONSULTANT DRAWING NUMBER	300-08	REVISION
DOPW DRAWING NUMBER	WIMS NO : 062709	T02
STAMPED BY PLANS APPROVAL COMMITTEE		

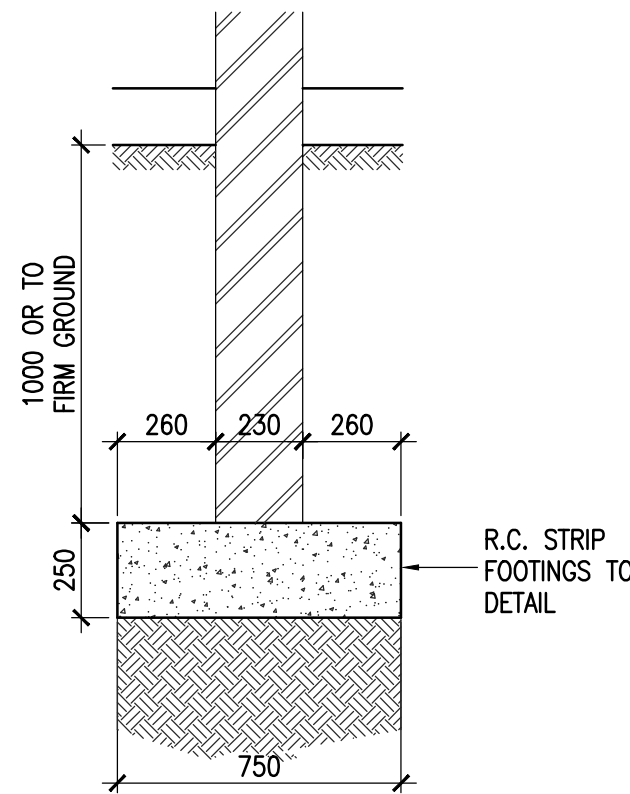
PRELIMINARY



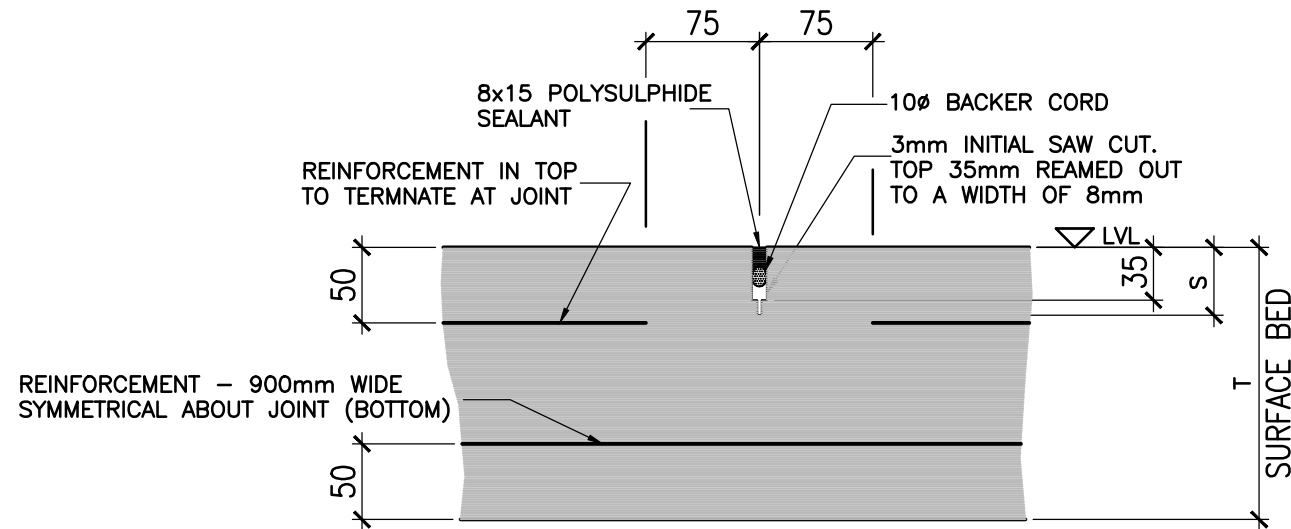
SITE KEY PLAN
NTS



TYPICAL PLINTH DETAIL
SCALE 1:20

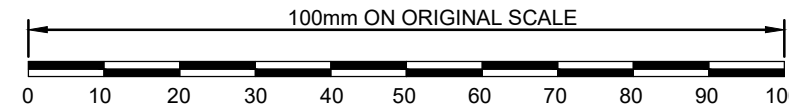


DETAIL A
SCALE 1:20



TYPICAL DETAIL OF
SAW CUT JOINTS (SC)
SCALE - N.T.S.

- 8 CONCRETE COVER TO REINFORCEMENT
- | | |
|--------------|------|
| BASES | 50mm |
| SLABS | 30mm |
| COLUMNS | 30mm |
| GROUND BEAMS | 50mm |
| SURFACE BED | 50mm |
- 9 WORK TO FIGURED DIMENSIONS ONLY
DO NOT SCALE.



NOTES

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 - 50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
 - CONCRETE STRENGTH AT 28 DAYS
- | | |
|--------------|--------|
| COLUMNS | 30 MPa |
| WALLS | 25 MPa |
| STAIRS | 25 MPa |
| SLABS | 30 MPa |
| BEAMS | 30 MPa |
| BLINDING | 15 MPa |
| BASES | 25 MPa |
| GROUND BEAMS | 25 MPa |

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

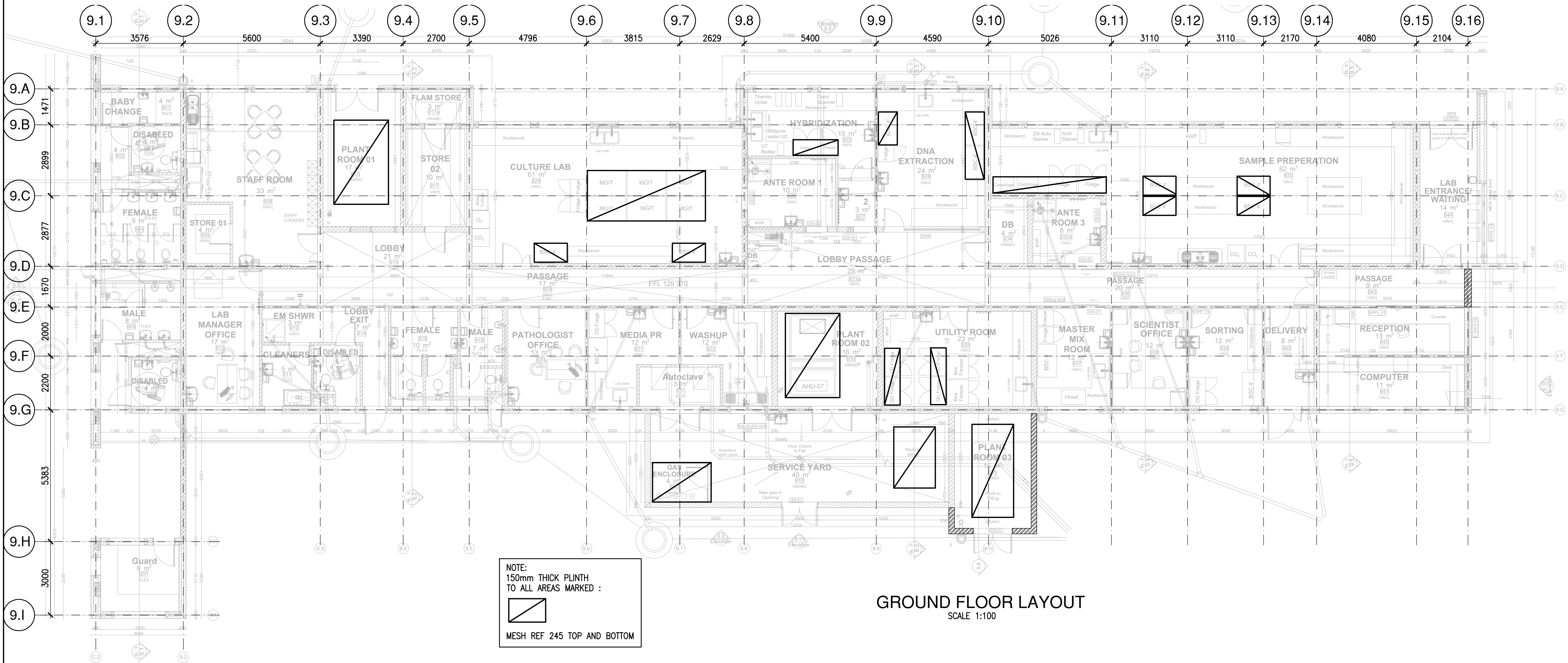
Y.S. YOUNG + SATHARIA (Pty) Ltd
consulting structural and civil engineers

SUITE 3,
78 JULIA ROAD
OVERPORT 4001
TEL (031)2077252
FAX (031)2077259

public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

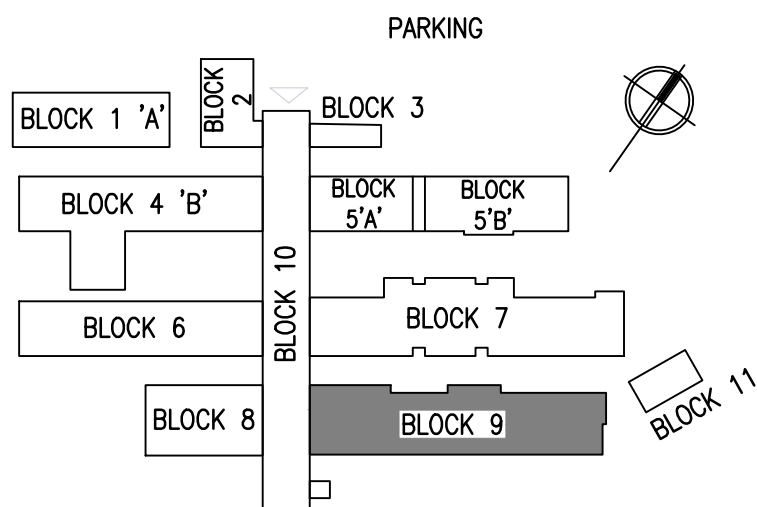
CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	
SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION		
DRAWING TITLE		
STAGE 4.2 - TENDER BLOCK 09 - LABORATORY GROUND FLOOR LAYOUT		
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	03/06/2022
CONSULTANT DRAWING NUMBER	500-09	REVISION
DOPW DRAWING NUMBER	WIMS NO : 062709	T02
STAMPED BY PLANS APPROVAL COMMITTEE		

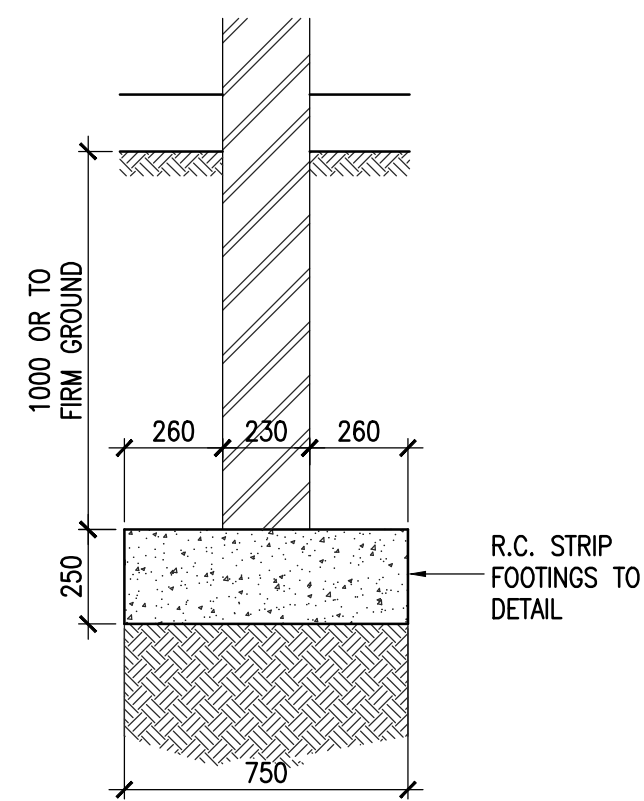


GROUND FLOOR LAYOUT
SCALE 1:100

TENDER

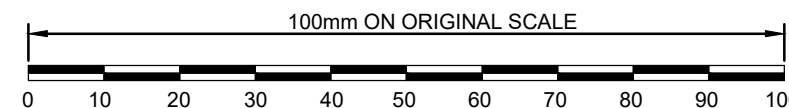


SITE KEY PLAN
NTS



DETAIL A
SCALE 1:20

- 8 CONCRETE COVER TO REINFORCEMENT
- | | |
|--------------|------|
| BASES | 50mm |
| SLABS | 30mm |
| COLUMNS | 30mm |
| GROUND BEAMS | 50mm |
| SURFACE BED | 50mm |
- 9 WORK TO FIGURED DIMENSIONS ONLY
DO NOT SCALE.



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- CONCRETE STRENGTH AT 28 DAYS

COLUMNS	30 MPa
WALLS	25 MPa
STAIRS	25 MPa
SLABS	30 MPa
BEAMS	30 MPa
BLINDING	15 MPa
BASES	25 MPa
GROUND BEAMS	25 MPa

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	

CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION

CLIENT NAME
DEPARTMENT OF PUBLIC WORKS - KZN

USER DEPARTMENT
DEPARTMENT OF HEALTH

PROJECT INFORMATION

PROJECT DESCRIPTION
KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT

SITE DESCRIPTION

CONSOLIDATED SITE OF SUB 199, SUB TBH2,
SUB 1 OF TBH, SUB 180 AND SUB TBH OF C
OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION

DRAWING TITLE
STAGE 4.2 - TENDER
BLOCK 09 - LABORATORY
FOUNDATION LAYOUT

DRAWN
L.NKWANYANA

DATE
03/06/2022

SCALES
AS SHOWN

CONSULTANT DRAWING NUMBER
300-09

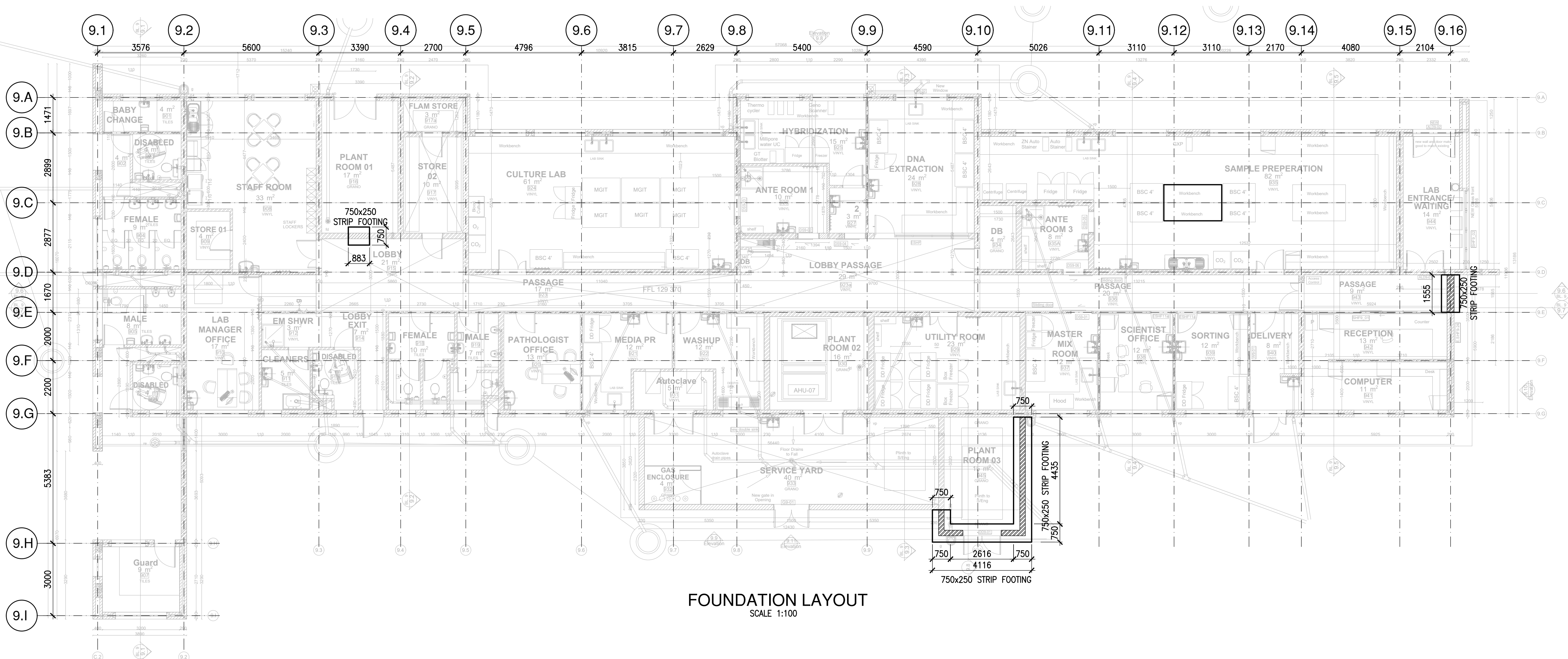
REVISION
T02

DOPW DRAWING NUMBER
WIMS NO : 062709

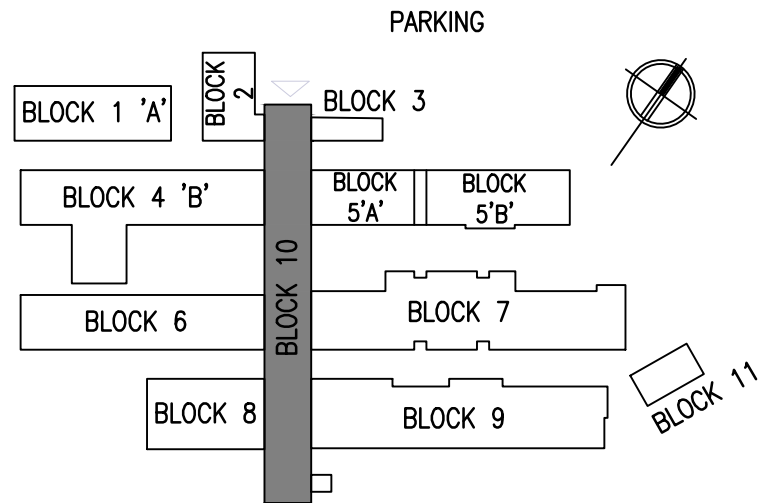
STAMPED BY PLANS APPROVAL COMMITTEE

TO BE READ IN
CONJUNCTION WITH
DRAWING NO.500-12

TENDER



FOUNDATION LAYOUT
SCALE 1:100

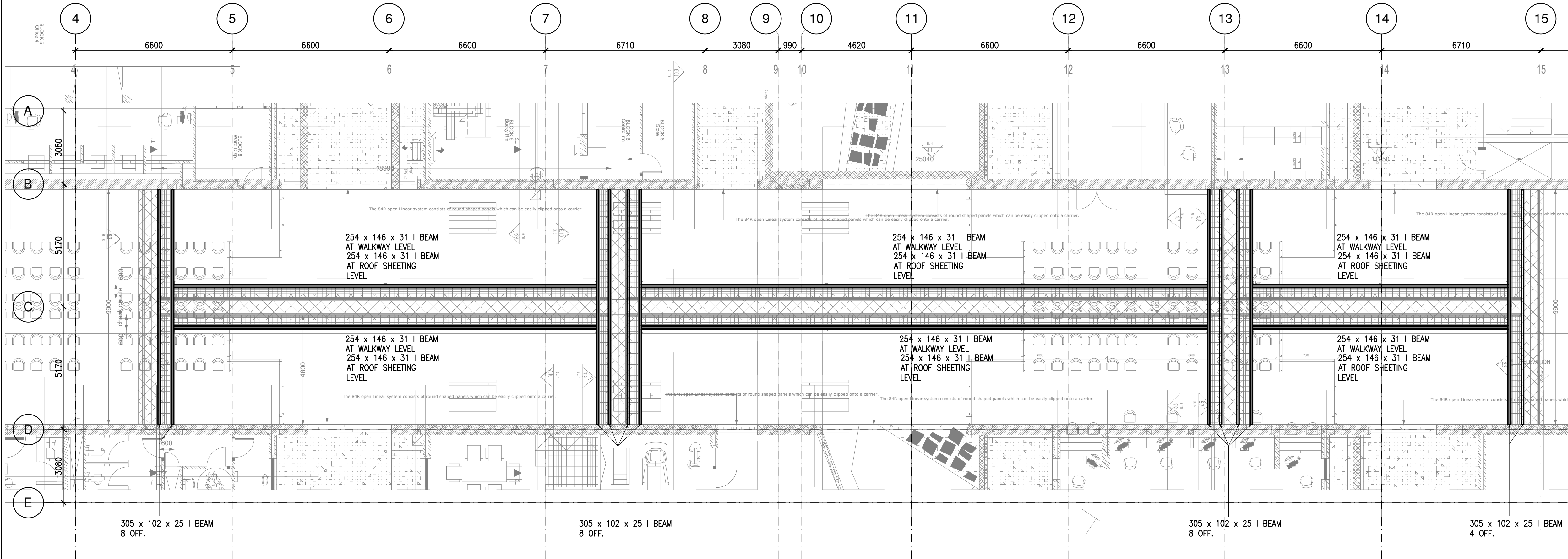


SITE KEY PLAN
NTS

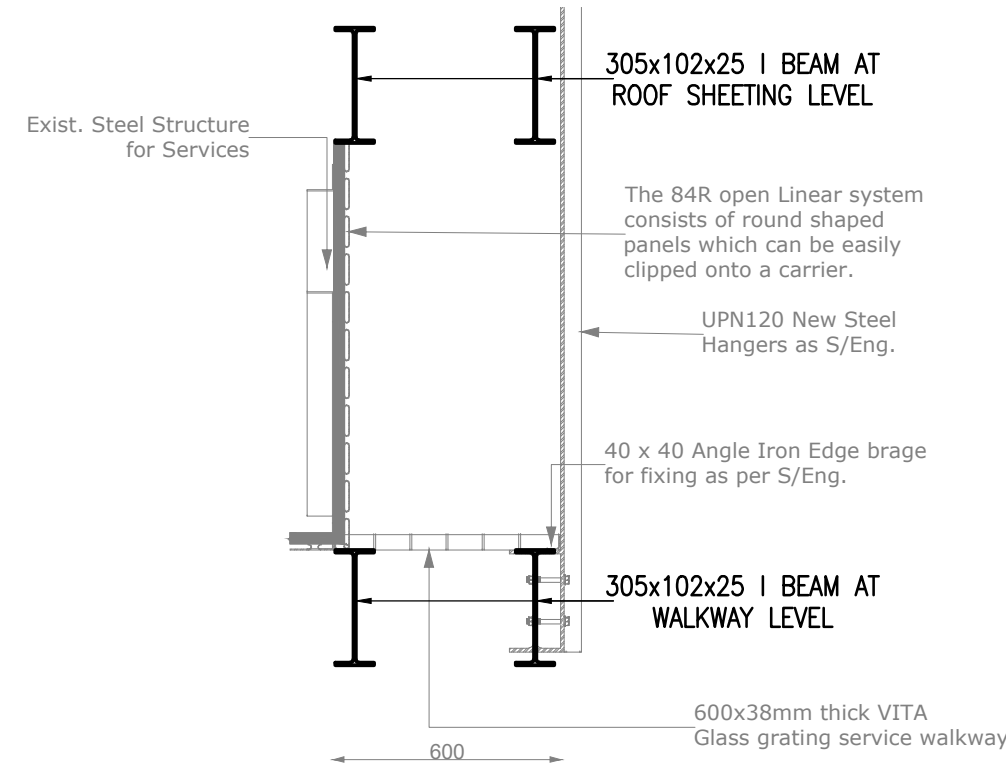
NOTES

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- CONCRETE STRENGTH AT 28 DAYS
COLUMNS 30 MPa
WALLS 25 MPa
STAIRS 25 MPa
SLABS 30 MPa
BEAMS 30 MPa
BLINDING 15 MPa
BASES 25 MPa
GROUND BEAMS 25 MPa
- CONCRETE COVER TO REINFORCEMENT
BASES 50mm
SLABS 20mm
BEAMS 30mm
COLUMNS 30mm
GROUND BEAMS 50mm
SURFACE BED 50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.



BLOCK 10
SERVICES WALKWAY
PLAN LAYOUT
SCALE 1:100



TYPICAL DETAIL
SCALE 1:20

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
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NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	

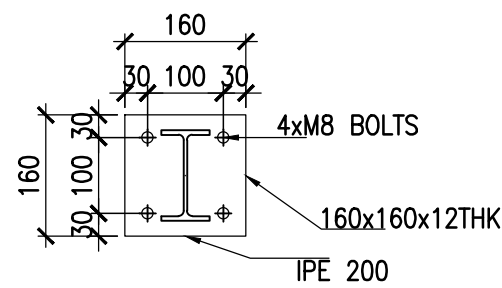
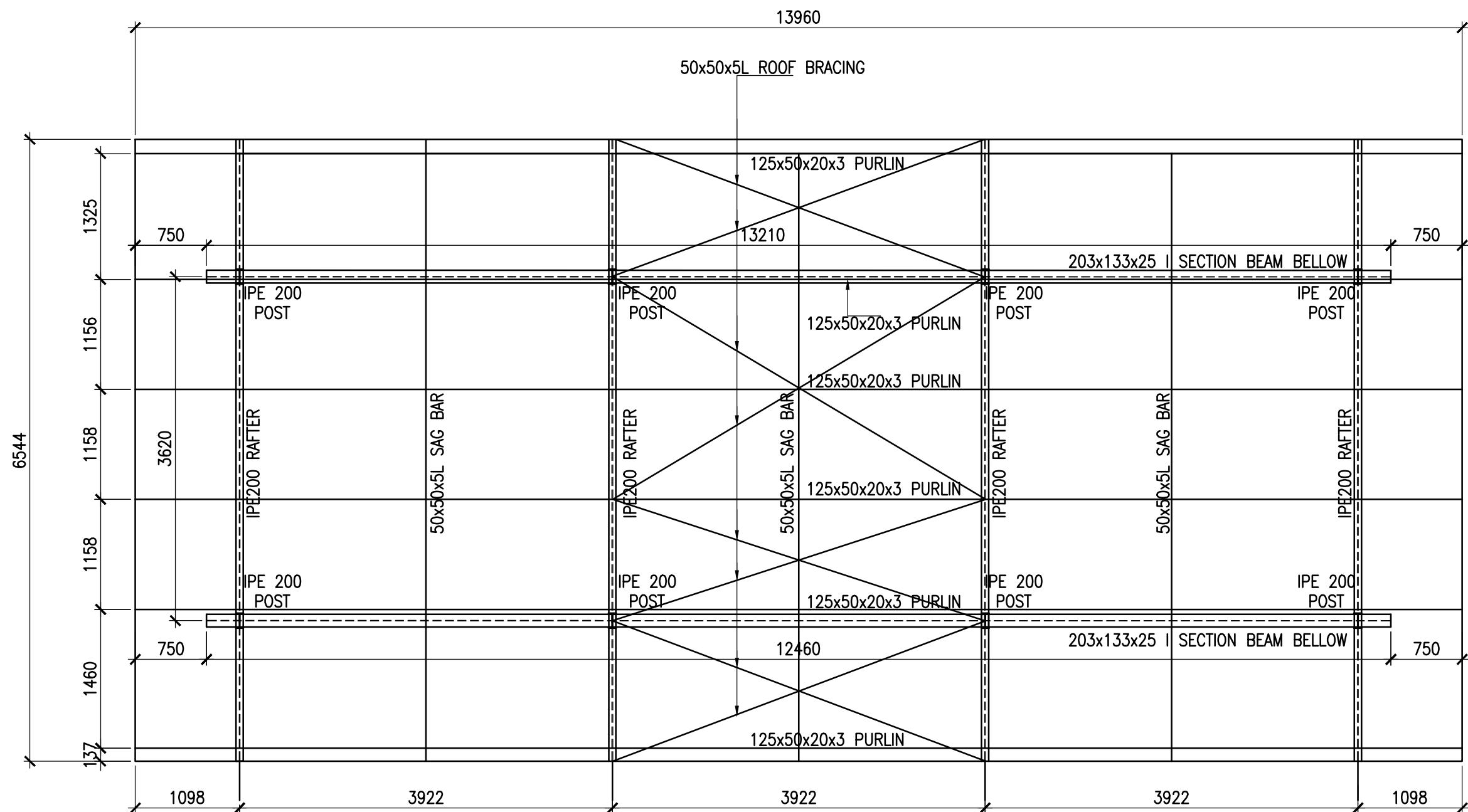
SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

DRAWING INFORMATION	
DRAWING TITLE	
STAGE 4.2- TENDER BLOCK 10 - MAIN CAUSEWAY 'SPINE' BLOCK 10 - CENTRAL SPINE CLADDING DETAIL	

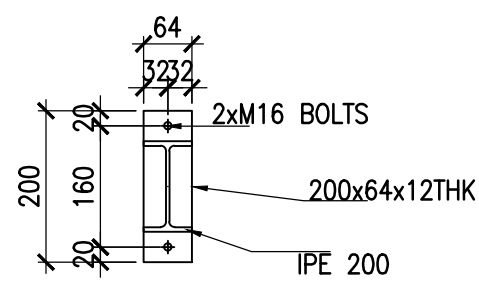
DRAWN	N.BADAT	DATE	14/04/2022
SCALES	AS SHOWN		
CONSULTANT DRAWING NUMBER		REVISION	
500-10A		T01	
DOPW DRAWING NUMBER			
WIMS NO : 062709			

NOTES

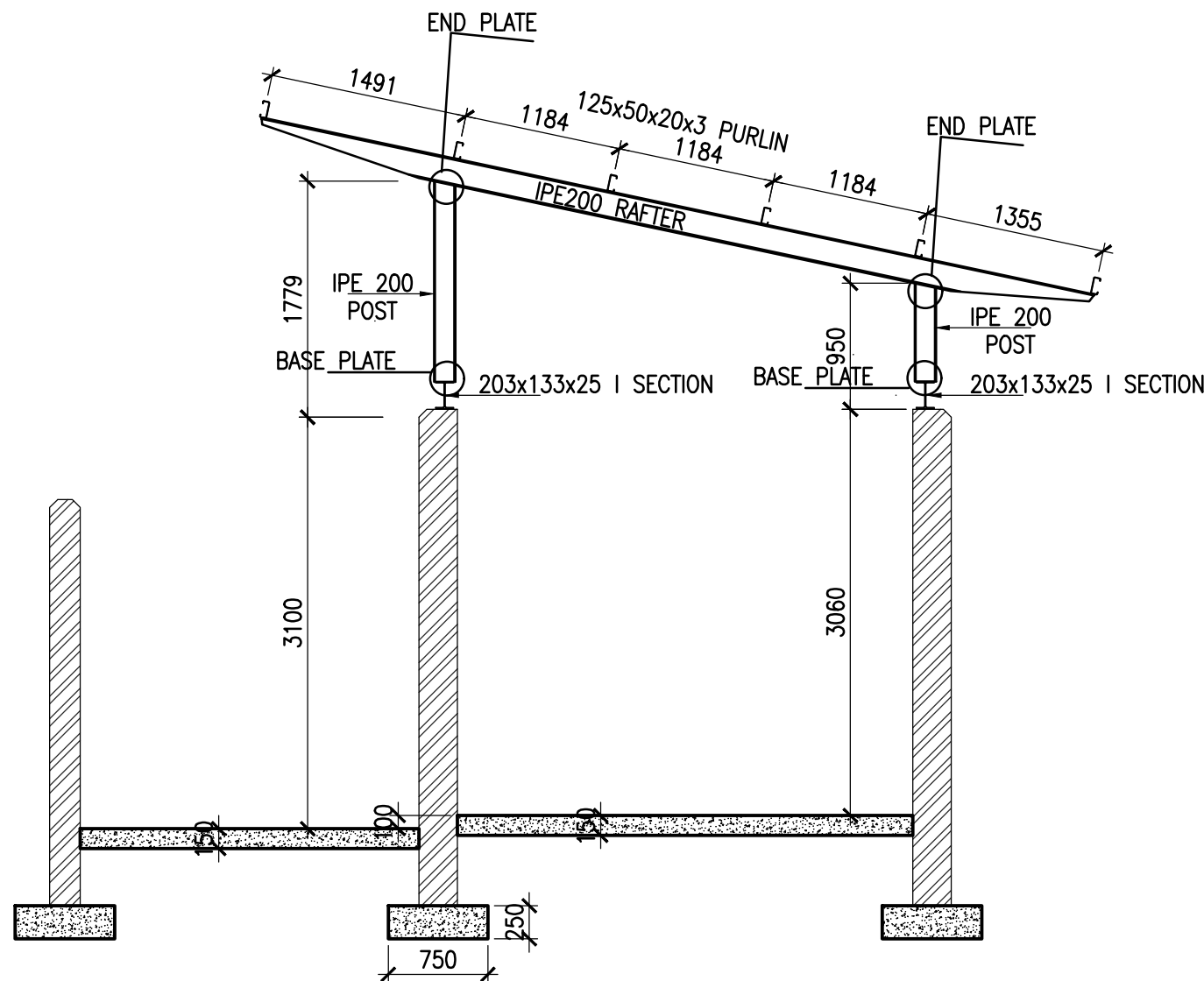
- 1 ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF SANS 2001 – CSI: 2005 CONSTRUCTION WORKS PART CSI : STRUCTURAL STEELWORK
- 2 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT PROJECT DRAWINGS AND ANY DISCREPANCY REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- 3 ALL WELDS SHALL BE 6mm FILLET WELDS UNLESS OTHERWISE NOTED. CFW DENOTES CONTINUOUS FILLET WELDS.
- 4 FABRICATION, PRIMING AND ERECTION SHALL BE IN ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS.
- 5 PAINT SPECIFICATION _ REFER TO THE TENDER DOCUMENTATION.
- 6 STRUCTURAL STEELWORK SHALL BE TO THE FOLLOWING:–
HOT ROLLED SECTIONS:
– SANS 1431 GRADE 350W
HOT ROLLED PLATE:
– SANS 1431 GRADE 300W
COLD ROLLED SECTIONS SHALL HAVE A MINIMUM YIELD OF 225 MPa.
- 7 SITE MEASUREMENT
THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ON–SITE MEASUREMENT OF EXISTING STRUCTURES PERTAINING TO NEW STEELWORK. HENCE ALL DIMENSIONS INDICATED ON DRAWINGS ARE TO BE CHECKED ON SITE.



BASE PLATE DETAIL



CAP PLATE DETAIL



TENDER

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

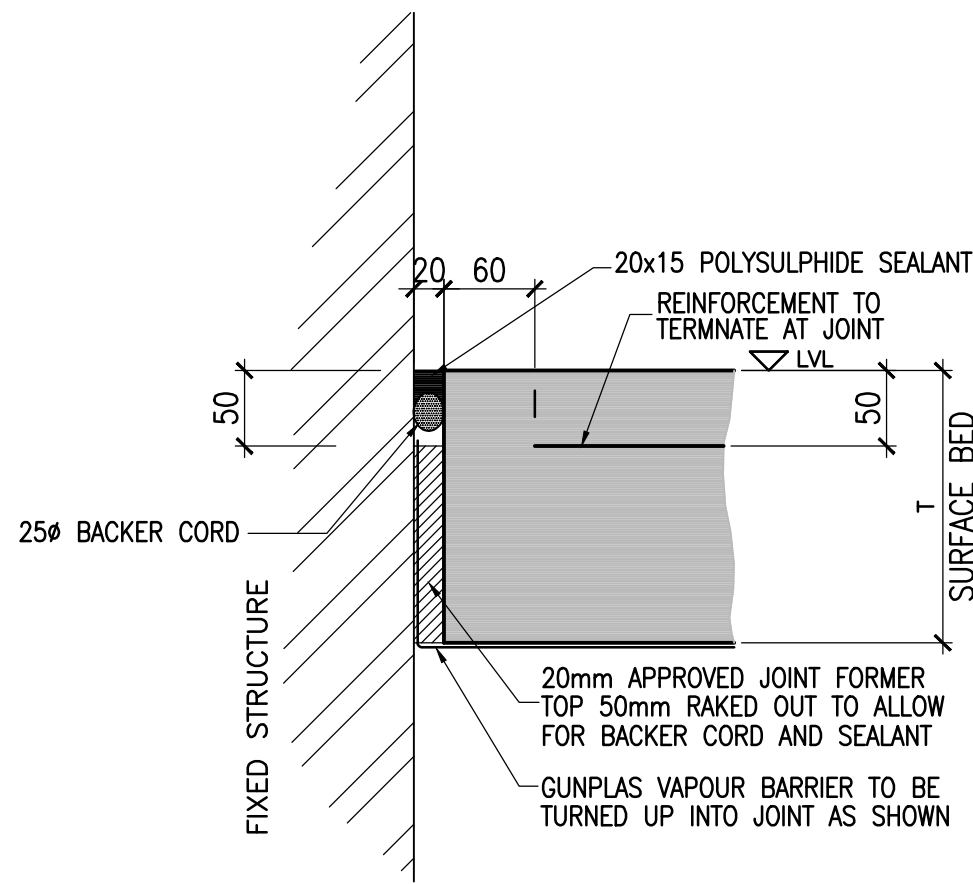
CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	

SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

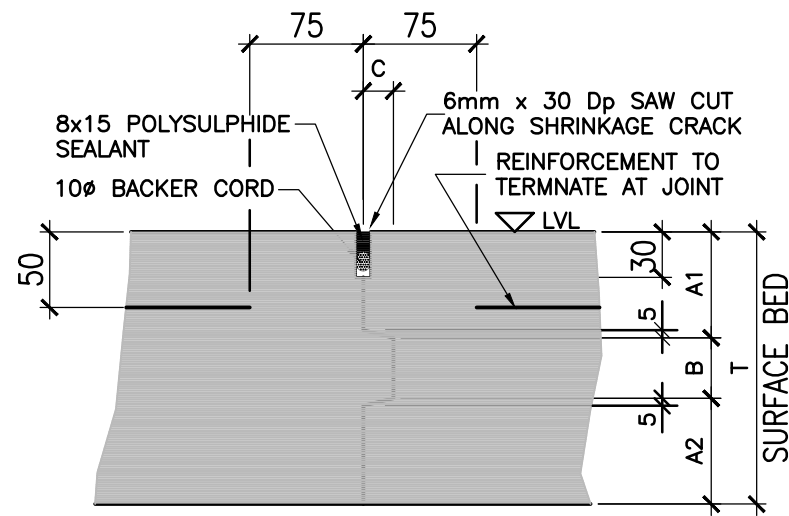
DRAWING INFORMATION	
DRAWING TITLE	
STAGE 4.2 - TENDER BLOCK 11 - WASTE DISPOSAL STEEL ROOF LAYOUT	

DRAWN	L.NKWANYANA	DATE	02/06/2022
SCALES	AS SHOWN		
CONSULTANT DRAWING NUMBER		REVISION	
800-11A		T01	
DOPW DRAWING NUMBER			
WIMS NO : 062709			

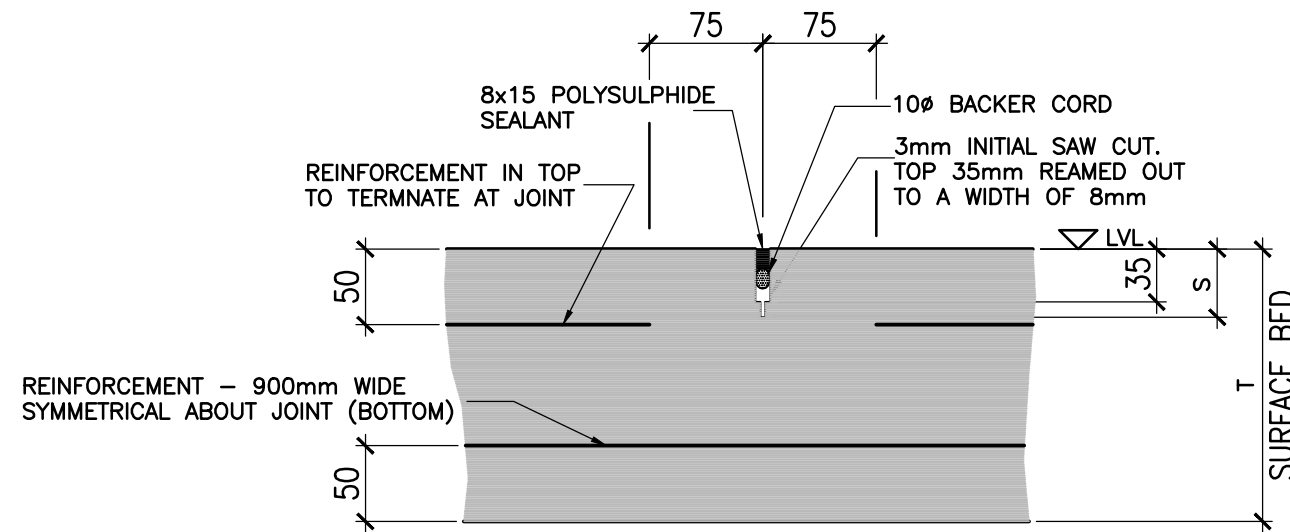
STAMPED BY PLANS APPROVAL COMMITTEE



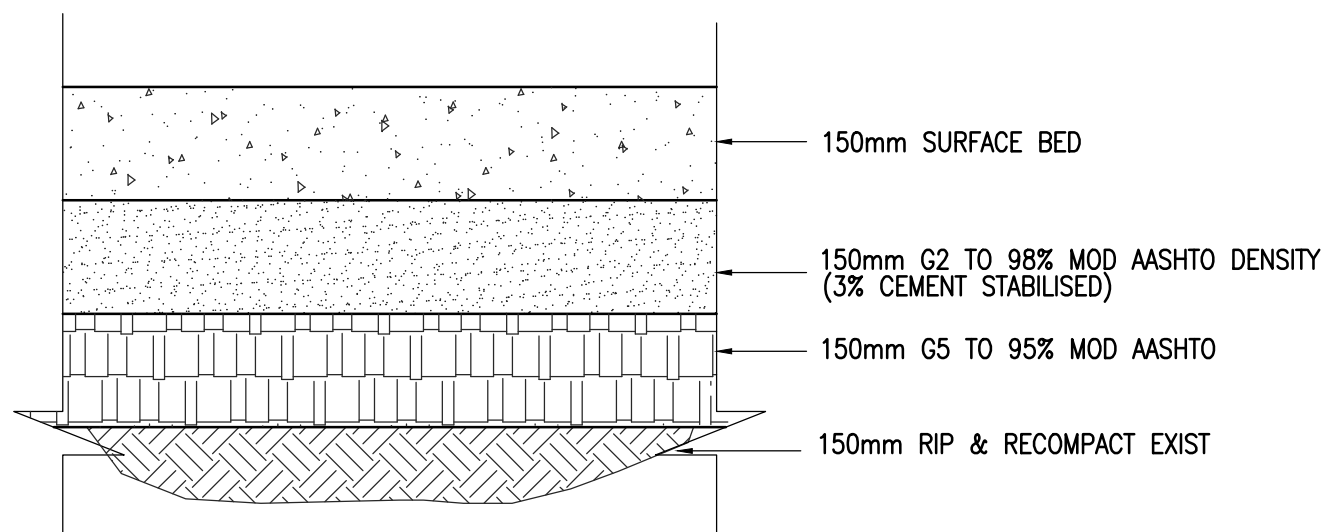
TYPICAL DETAIL OF ISOLATION JOINTS (IJ)
SCALE - N.T.S.



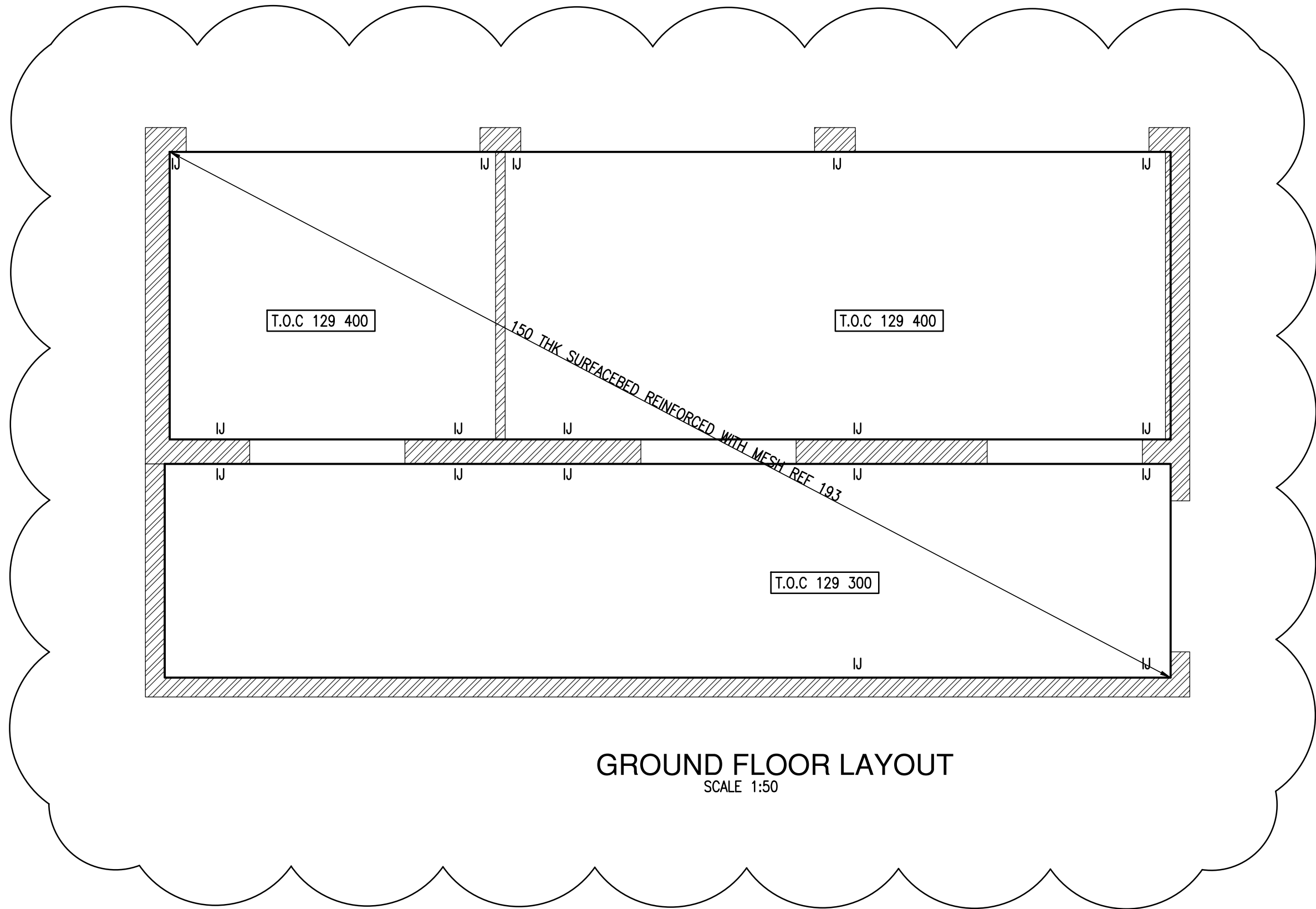
TYPICAL DETAIL OF CONSTRUCTION JOINTS (CJ)
SCALE - N.T.S.



TYPICAL DETAIL OF SAW CUT JOINTS (SC)
SCALE - N.T.S.



DETAIL D
TYPICAL LAYERWORKS
SCALE 1:10



GROUND FLOOR LAYOUT
SCALE 1:50

- 8 CONCRETE COVER TO REINFORCEMENT
- | | |
|--------------|------|
| BASES | 50mm |
| SLABS | 30mm |
| COLUMNS | 30mm |
| GROUND BEAMS | 50mm |
| SURFACE BED | 50mm |
- 9 WORK TO FIGURED DIMENSIONS ONLY
DO NOT SCALE.

- NOTES
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS
 - ALL LEVELS INDICATED ARE TOP OF CONCRETE LEVELS UNLESS INDICATED OTHERWISE
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 - NO CONCRETE SHALL BE POURED WITHOUT PRIOR CONSENT OF THE ENGINEER
 - ALL REINFORCEMENT IS TO BE INSPECTED BY THE ENGINEER
 - 50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
 - CONCRETE STRENGTH AT 28 DAYS

COLUMNS	30 MPa
WALLS	25 MPa
STAIRS	25 MPa
SLABS	30 MPa
BEAMS	30 MPa
BLINDING	15 MPa
BASES	25 MPa
GROUND BEAMS	25 MPa

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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consulting structural and civil engineers

SUITE 3,
78 JULIA ROAD
OVERPORT 4001
TEL (031)2077252
FAX (031)2077259



public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT
SITE DESCRIPTION	
SITE DESCRIPTION	CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION		
DRAWING TITLE		
STAGE 4.2 - TENDER BLOCK 11 - WASTE DISPOSAL GROUND FLOOR LAYOUT		
DRAWN	L.NKWANYANA	DATE
SCALES	AS SHOWN	03/06/2022
CONSULTANT DRAWING NUMBER	500-11A	REVISION
DOPW DRAWING NUMBER	WIMS NO : 062709	T02
STAMPED BY PLANS APPROVAL COMMITTEE		

TENDER

- 8
- CONCRETE COVER TO REINFORCEMENT
- BASES

SLABS

COLUMNS

GROUND BEAMS

SURFACE BED
- 50mm

30mm

30mm

50mm

50mm

- 9
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

- NOTES
- 1

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS
- 2

ALL LEVELS INDICATED ARE TOP OF CONCRETE LEVELS UNLESS INDICATED OTHERWISE
- 3

ALL LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE AND ANY DISCREPANCY IS TO BE REPORTED TO THE ENGINEER
- 4

NO CONCRETE SHALL BE POURED WITHOUT PRIOR CONSENT OF THE ENGINEER
- 5

ALL REINFORCEMENT IS TO BE INSPECTED BY THE ENGINEER
- 6

50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
- 7

CONCRETE STRENGTH AT 28 DAYS

COLUMNS

WALLS

STAIRS

SLABS

BEAMS

BLINDING

BASES

GROUND BEAMS

30 MPa

25 MPa

25 MPa

30 MPa

30 MPa

15 MPa

25 MPa

25 MPa

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN

CLIENT DEPARTMENT SIGNATURES

FACILITY STAMP

FACILITY STAMP

INFRASTRUCTURE MANAGER

GENERAL MANAGER

CHECKED BY PROFESSIONAL CONSULTANT

NAME

ABDOOL SATHARIA

SIGNATURE

DATE

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78 JULIA ROAD

OVERPORT 4001

TEL (031)2077252

FAX (031)2077259



public works

Department: Public Works

PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION

CLIENT NAME

DEPARTMENT OF PUBLIC WORKS - KZN

USER DEPARTMENT

DEPARTMENT OF HEALTH

PROJECT INFORMATION

PROJECT DESCRIPTION

KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION

CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION

DRAWING TITLE

STAGE 4.2 - TENDER BLOCK 11 - WASTE DISPOSAL FOUNDATION LAYOUT

DRAWN

L.NKWANYANA

DATE

03/06/2022

SCALES

AS SHOWN

CONSULTANT DRAWING NUMBER

300-11A

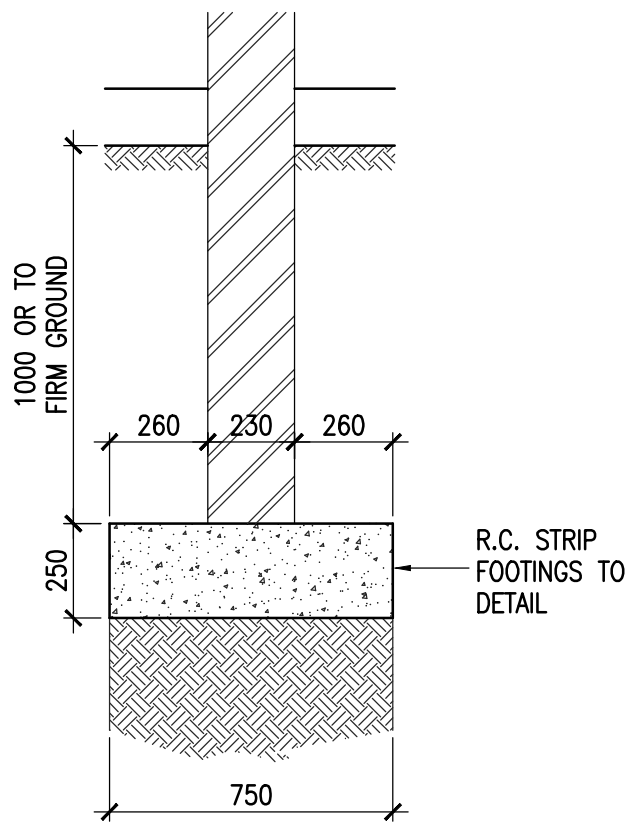
REVISION

T01

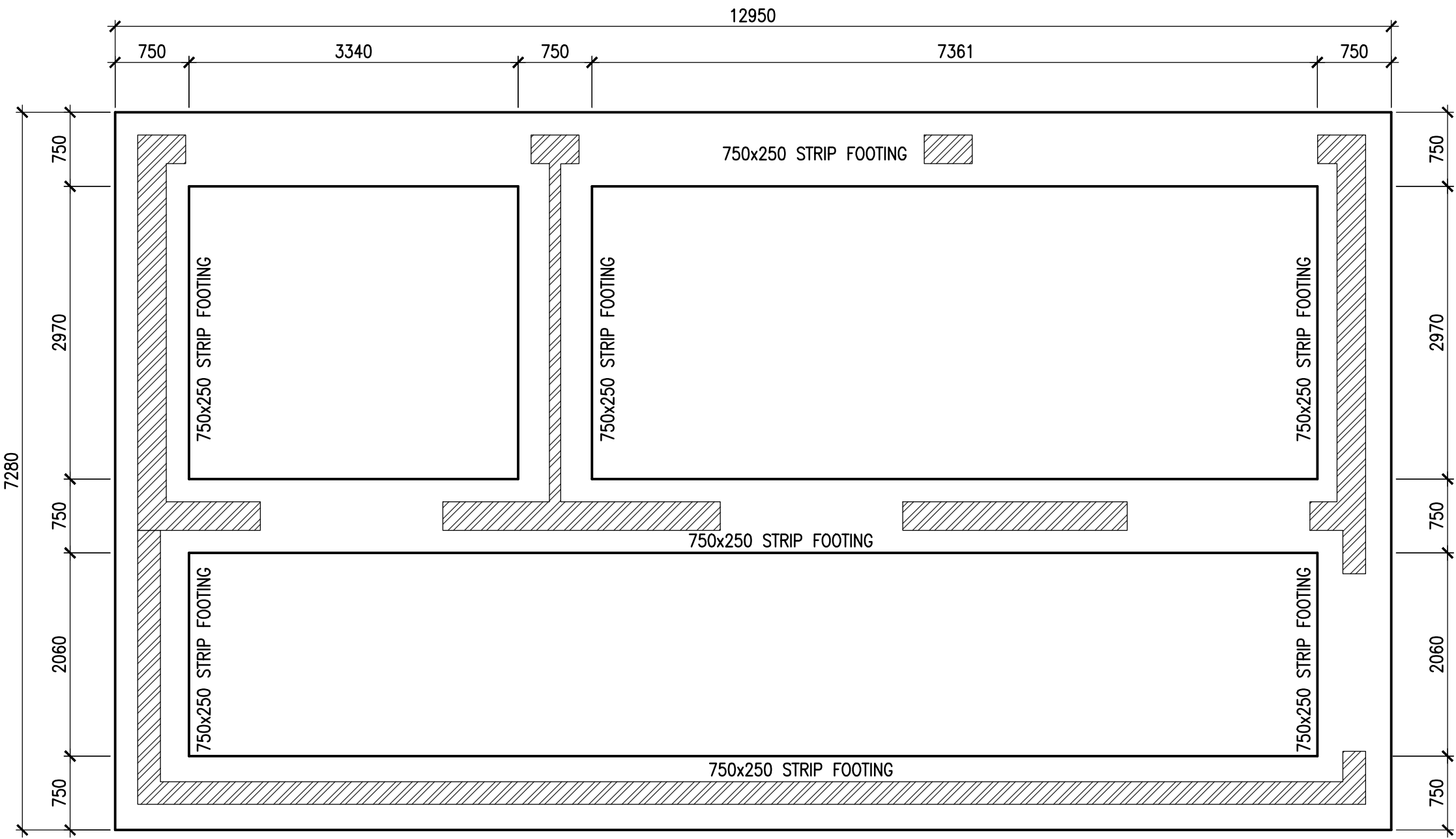
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WIMS NO : 062709

STAMPED BY PLANS APPROVAL COMMITTEE

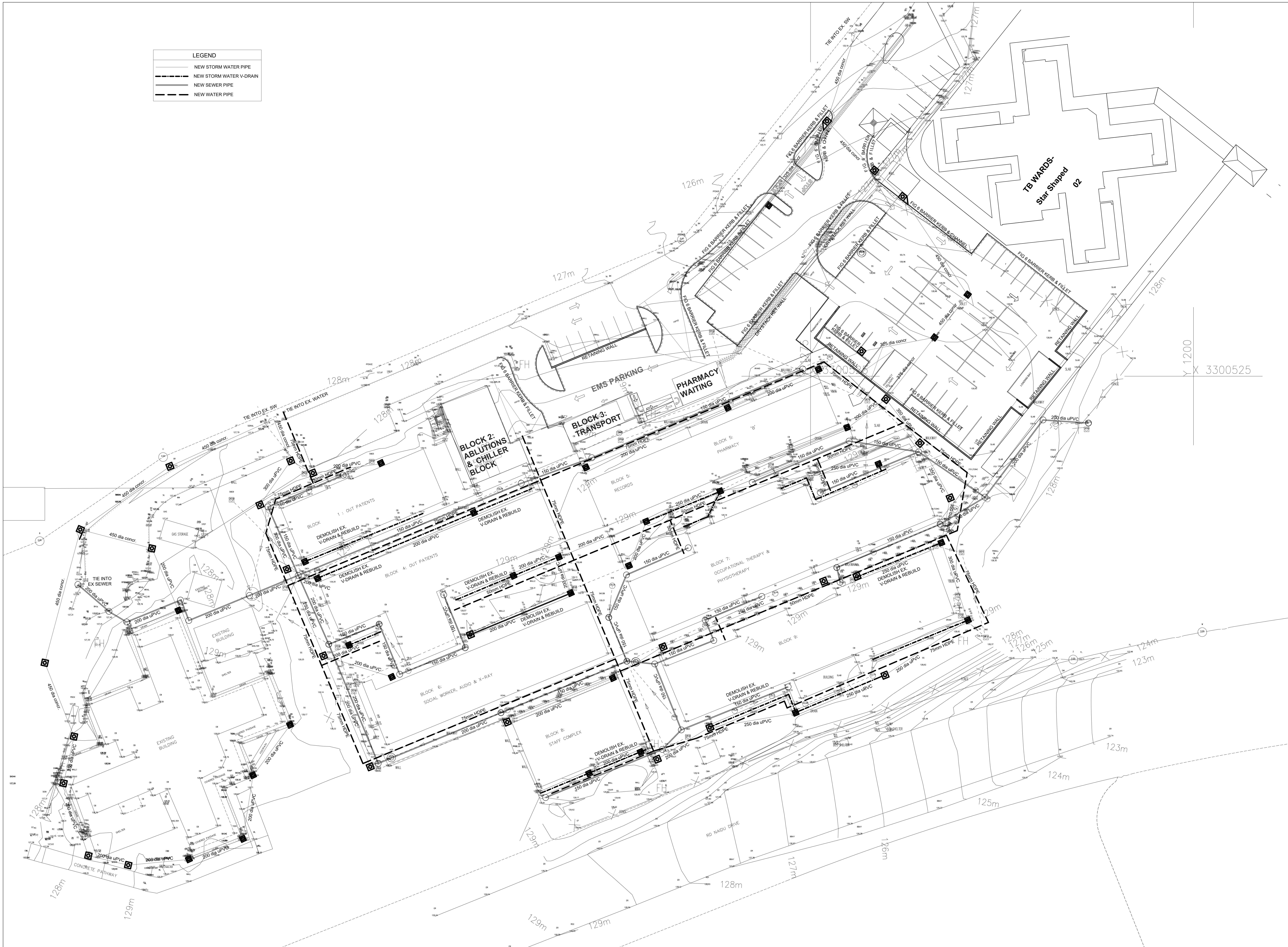


DETAIL A
SCALE 1:20



FOUNDATION LAYOUT
SCALE 1:50

TENDER



SITWORKS PLAN
SCALE 1:250

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

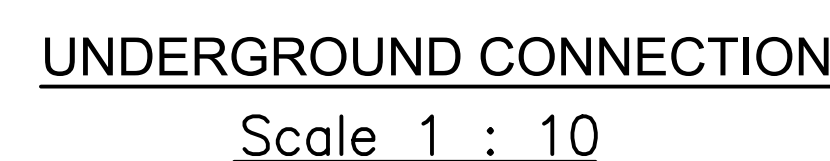
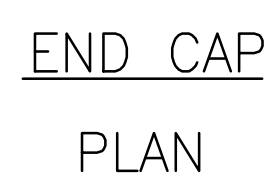
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29 JULIA ROAD
ORANGEFORD 6001
TEL (081)2077252
FAX (081)2077259



CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL - TB COMPLEX COMPLETION CONTRACT
SITE DESCRIPTION	CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.
DRAWING INFORMATION	
DRAWING TITLE	STAGE 4.2 - TENDER SITWORKS PLAN
DRAWN	VS
DATE	06/06/2022
SCALES	AS SHOWN
CONSULTANT DRAWING NUMBER	405
REVISION	T01
DEPN DRAWING NUMBER	WIMS NO : 062709

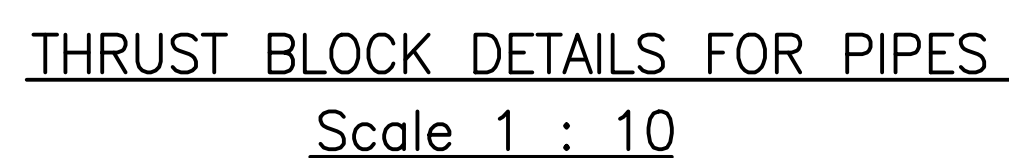
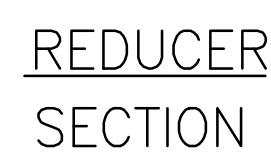


D	A	B	C
50	570	570	600
80	680	680	675
100	680	680	675
125	680	800	750
150	680	800	830
180	680	800	900
200	800	900	980
225	800	900	1050
250	800	900	1120



THRUST BLOCK SIZES (in mm)

NOTE : ALL CONCRETE THRUST BLOCKS
ARE TO BE CLASS 25/19



Scale 1 : 25

NOTE : WHERE PIPE IS UNDER A ROAD
BACKFILL BELOW ROAD FOUNDATION
LAYERS SHALL COMPLY WITH -
SABS 1200 DB C1 3.5 AND 5.7.2

PIPE BEDDING AND BACKFILLING DETAILS



LESS THAN 50mm IN DIAMETER

N.T.S.



Scale 1 : 10

LIST OF REVISIONS			DRAWING INFORMATION	
NO.	DATE	DESCRIPTION	DRAWING TITLE	DATE
			STAGE 4.2 - TENDER	
			TYPICAL DETAILS FOR WATER AND FIRE SERVICES PART 2 OFF 2	
STAMPED BY PLANS APPROVAL COMMITTEE			DRAWN	N.BADAT
			SCALES	AS SHOWN
			CONSULTANT DRAWING NUMBER	REVISION
			400E	T01
			DOPH DRAWING NUMBER	
			WIMS NO : 062709	

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL BATHARIA
SIGNATURE	
DATE	

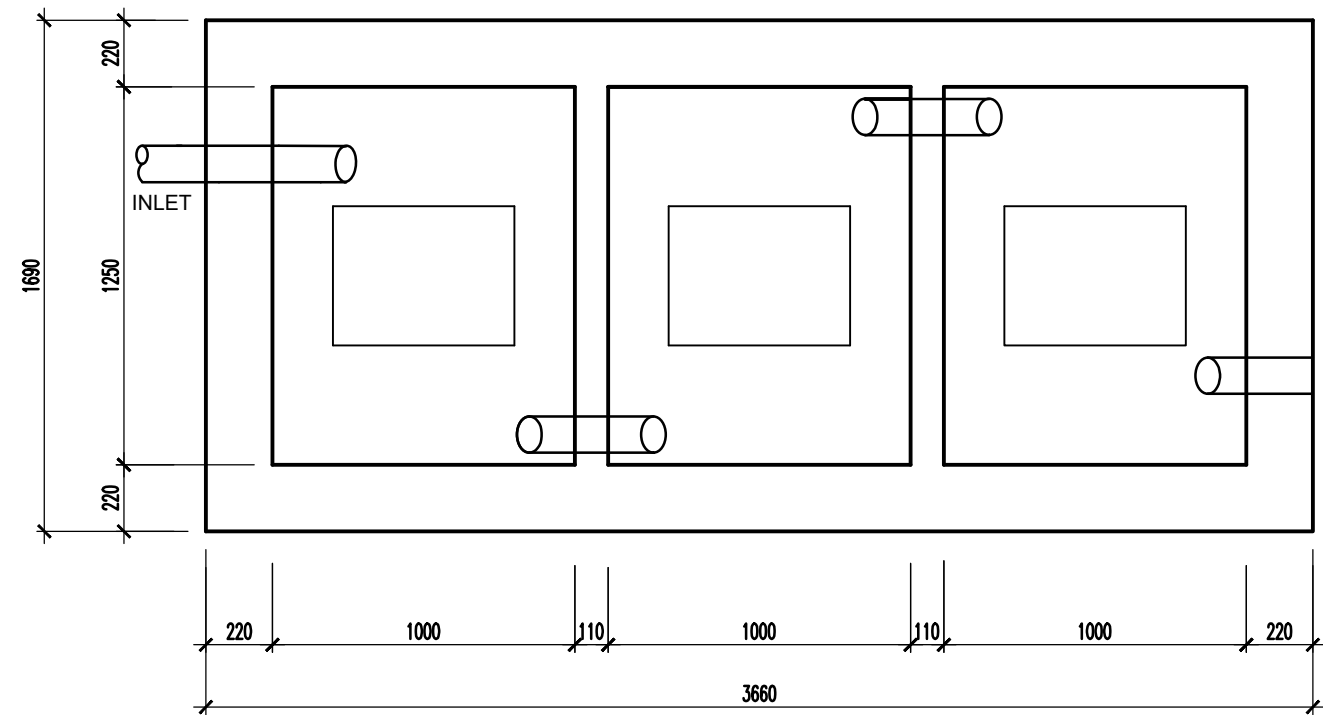


CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

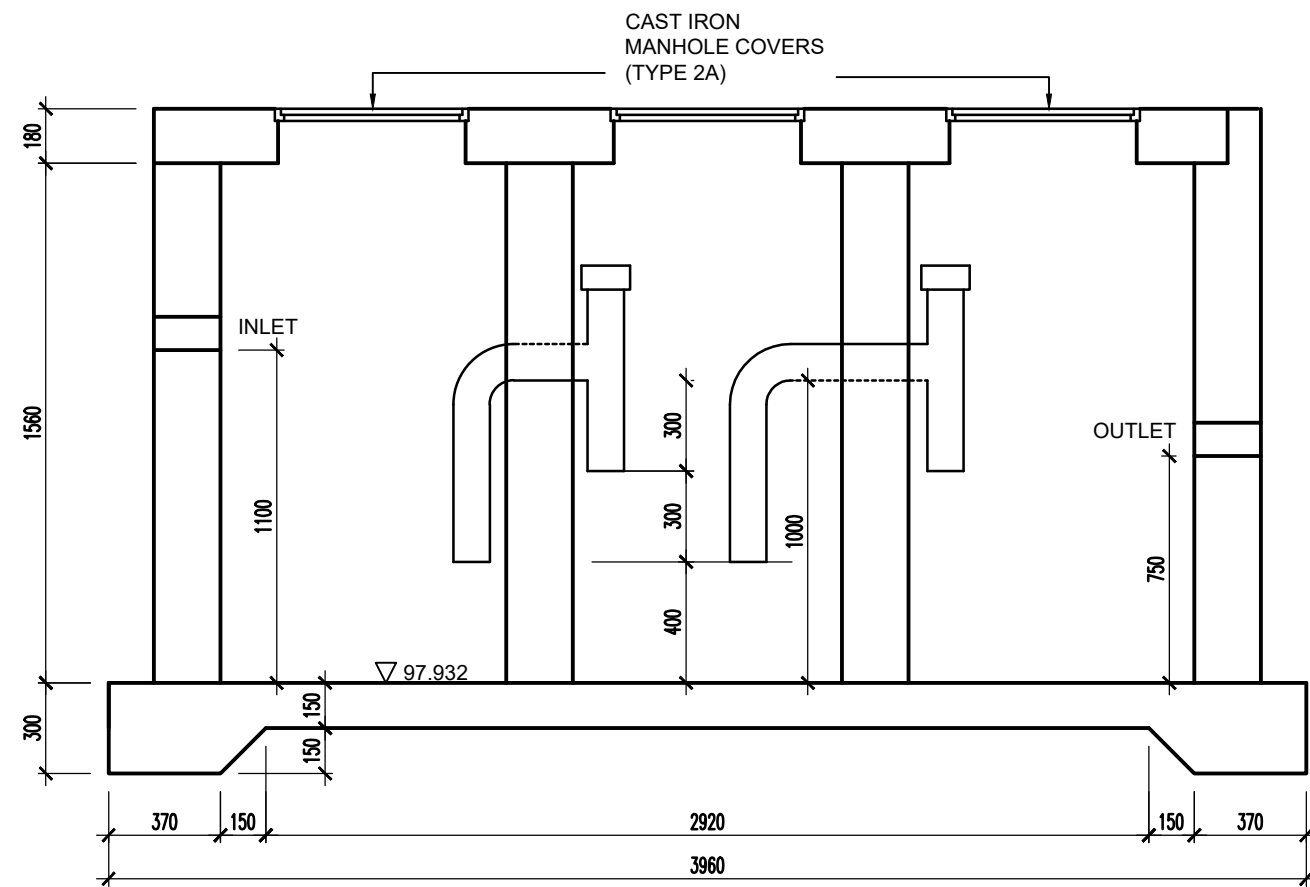
SITE DESCRIPTION

CONSOLIDATED SITE OF SUB 199, SUB TBH2,
SUB 1 OF TBH, SUB 180 AND SUB TBH OF C
OF THE FARM SPRINGFIELD NO. 802.

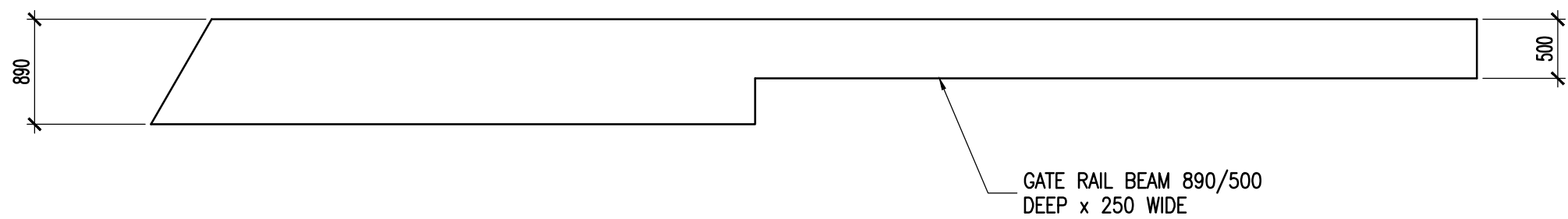
LIST OF REVISIONS				DRAWING INFORMATION			
NO.	DATE	DESCRIPTION	DRAWN	DRAWING TITLE			
				STAGE 4.2 - TENDER TYPICAL DETAILS FOR WATER AND FIRE SERVICES PART 2 OFF 2			
STAMPED BY PLANS APPROVAL COMMITTEE				DRAWN N.BADAT	DATE 05/07/2021		
				SCALES AS SHOWN			
le AS SHOWN				CONSULTANT DRAWING NUMBER 400E		REVISION T01	
				DCP/CP DRAWING NUMBER WIMS NO : 062709			



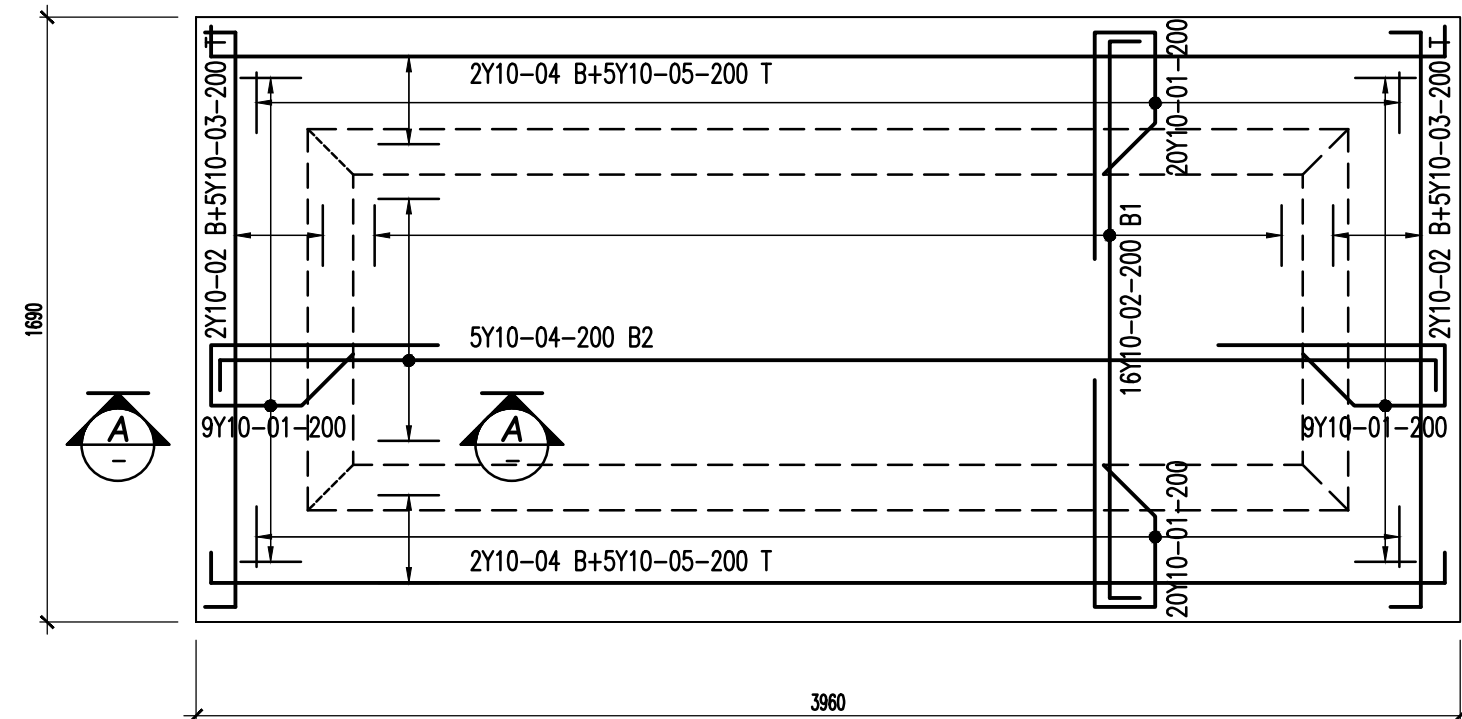
DETAIL C1
PLAN
SAND, OIL & GREASE TRAP
SCALE 1:25



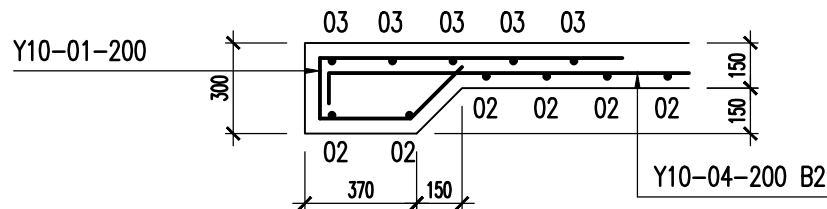
DETAIL C2
SECTION
SAND, OIL & GREASE TRAP
SCALE 1:25



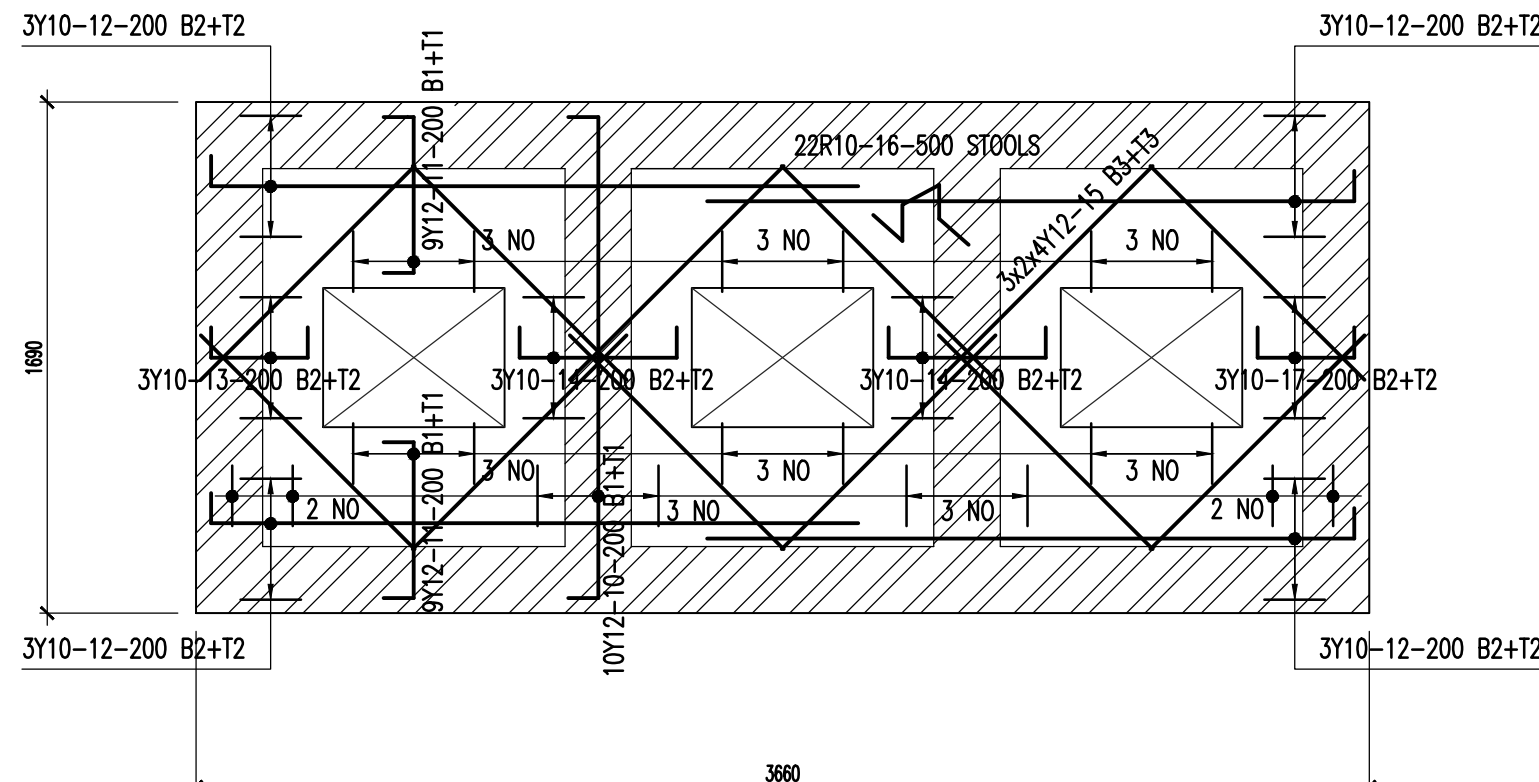
ELEVATION
SLIDING GATE BEAM
SCALE 1:50



DETAIL C3
PLAN
MAIN FLOOR SLAB
NTS

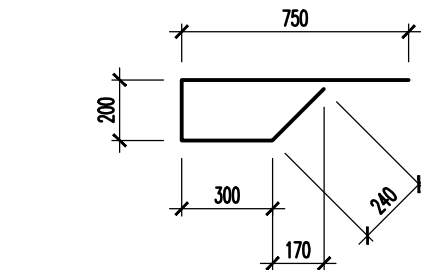


SECTION A-A
SCALE 1:25



DETAIL C4
PLAN
DECK SLAB
NTS

NOTE:
FLOOR - 150 mm THICK,
50 mm COVER



NOTE:
DECK - 180 mm THICK,
30 mm COVER

NOTES

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- 50mm BLINDING LAYER IS TO BE LAID UNDER ALL FOUNDATIONS
- CONCRETE STRENGTH AT 28 DAYS

COLUMNS	30 MPa
WALLS	25 MPa
STAIRS	25 MPa
SLABS	30 MPa
BEAMS	30 MPa
BLINDING	15 MPa
BASES	25 MPa
GROUND BEAMS	25 MPa
- CONCRETE COVER TO REINFORCEMENT

BASES	50mm
SLABS	30mm
COLUMNS	30mm
GROUND BEAMS	50mm
SURFACE BED	50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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consulting structural and civil engineers

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OVERPORT 4001
TEL (031)2077252
FAX (031)2077259



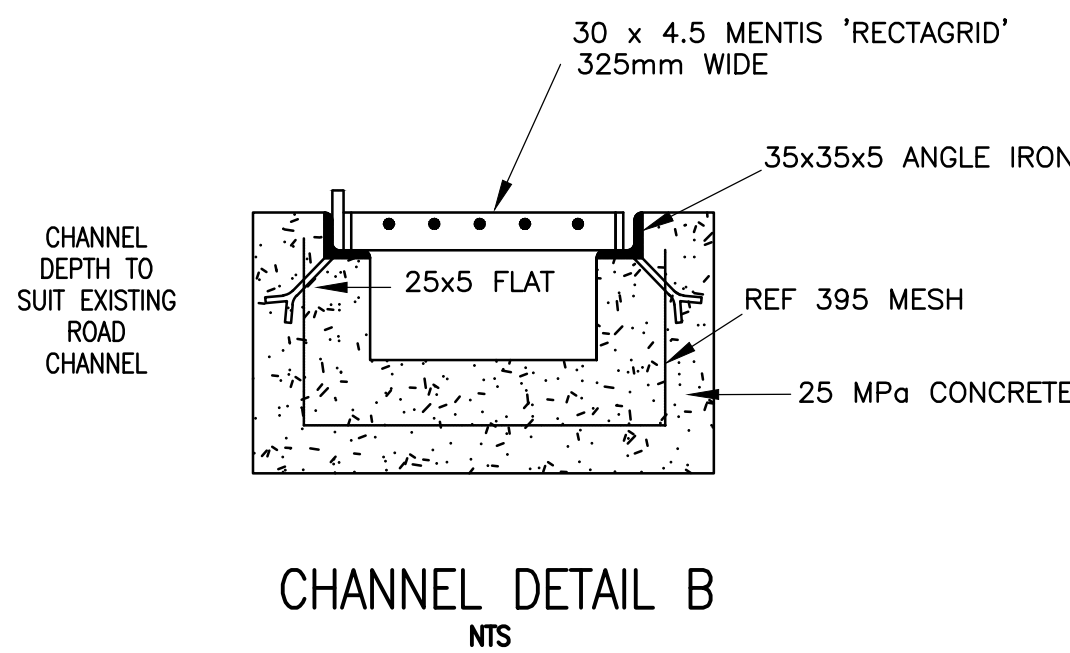
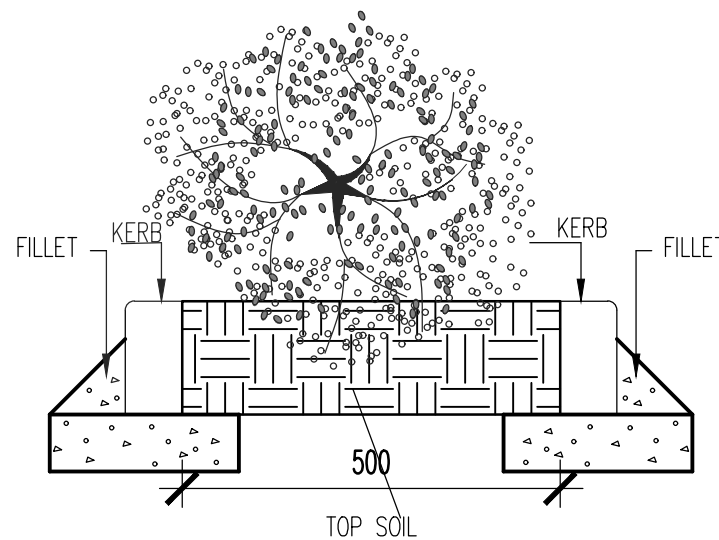
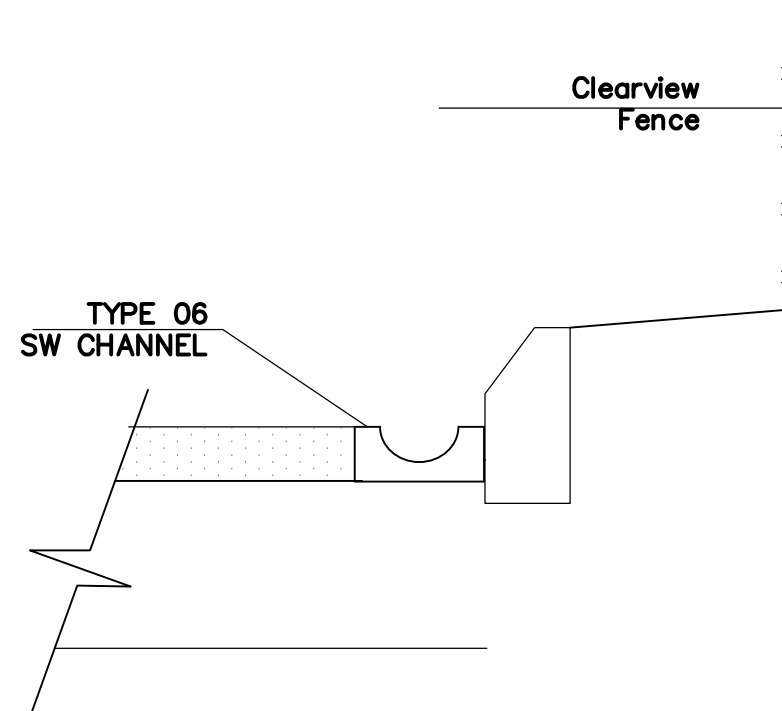
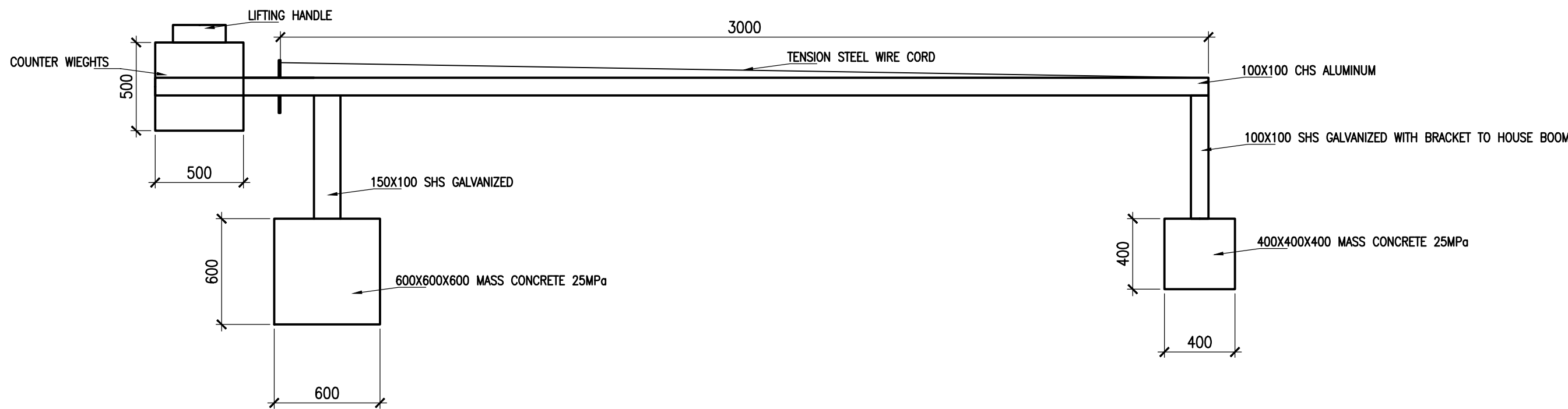
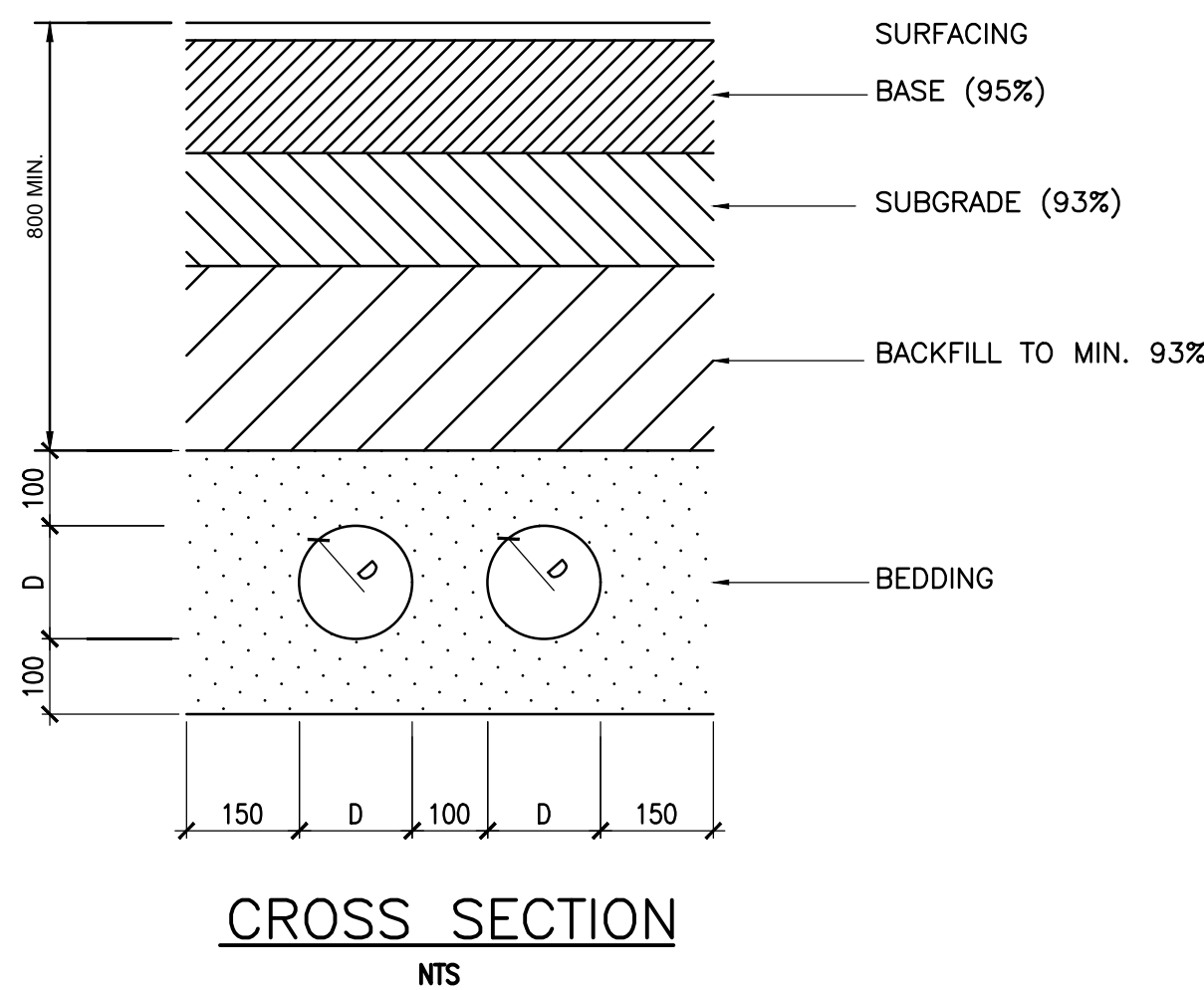
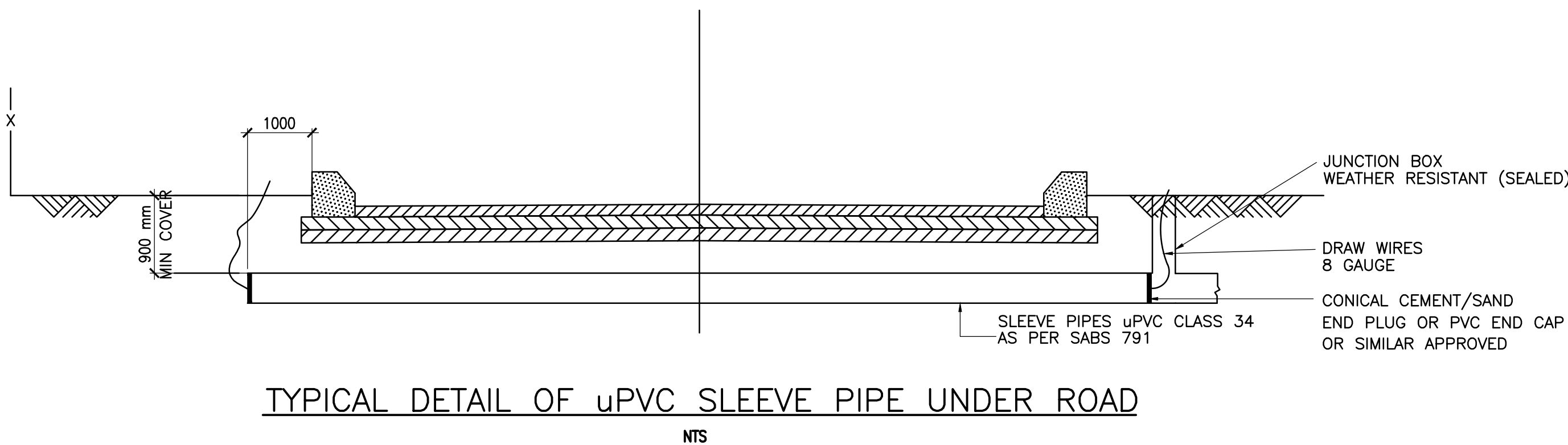
public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH

PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT
SITE DESCRIPTION	CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.

NOTES:			
A. GENERAL 1. THIS SET OF NOTES SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS OF THE ENGINEER AS WELL AS ALL APPLICABLE STANDARDISED SPECIFICATIONS NOTED BELOW. THE ENGINEERS DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, CONSULTANTS AND SPECIALIST DRAWINGS. DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER PRIOR TO CONSTRUCTION.			
LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN
STAMPED BY PLANS APPROVAL COMMITTEE			

DRAWING INFORMATION		
STAGE 4.2 - TENDER TYPICAL DETAILS FOR CIVIL WORKS PART 3		
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	07/05/2019
CONSULTANT DRAWING NUMBER	400D	REVISION
DOPW DRAWING NUMBER	WIMS NO : 062709	T01



NOTES

- 1 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS
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- 7 CONCRETE STRENGTH AT 28 DAYS
 - COLUMNS 30 MPa
 - WALLS 25 MPa
 - STAIRS 25 MPa
 - SLABS 30 MPa
 - BEAMS 30 MPa
 - BLINDING 15 MPa
 - BASES 25 MPa
 - GROUND BEAMS 25 MPa
- 8 CONCRETE COVER TO REINFORCEMENT
 - BASES 50mm
 - SLABS 30mm
 - COLUMNS 30mm
 - GROUND BEAMS 50mm
 - SURFACE BED 50mm
- 9 WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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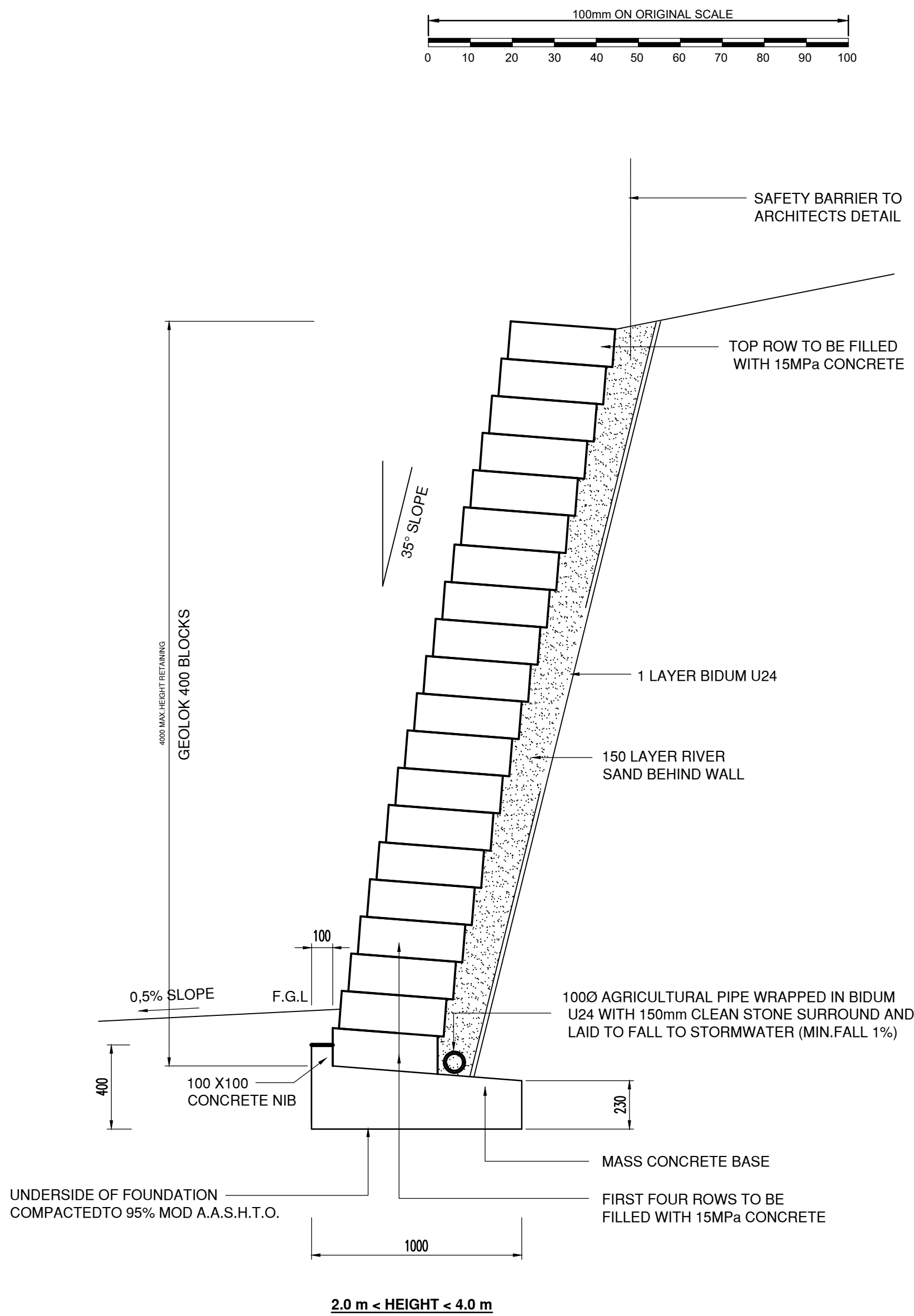
	public works Department: Public Works PROVINCE OF KWAZULU-NATAL
---	--

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH

PROJECT INFORMATION	
PROJECT DESCRIPTION	
KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT	
SITE DESCRIPTION	
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.	

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LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN
STAMPED BY PLANS APPROVAL COMMITTEE			

DRAWING INFORMATION		
DRAWING TITLE		
STAGE 4.2 - TENDER TYPICAL DETAILS FOR CIVIL WORKS PART 2		
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	07/05/2019
CONSULTANT DRAWING NUMBER		REVISION
400C		T01
DOPW DRAWING NUMBER		
WIMS NO : 062709		



SECTION
DRY STACK RETAINING WALL
SCALE 1:20

- NOTES:
- DESIGN IS DEPENDANT ON THE INSITU MATERIAL PROPERTIES AND THE GROUND PROFILE. THESE DESIGNS ARE THEREFORE TO BE CONFIRMED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION BEING UNDERTAKEN BY THE CONTRACTOR.
 - SAMPLES OF CONCRETE BOTH FOR FOOTINGS AND SHEAR KEYS ARE TO BE SUBMITTED TO AN APPROVED COMMERCIAL LABORATORY FOR TESING. ONE SET OF THREE CUBES PER BATCH OF CONCRETE.

NOTES

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BASES	25 MPa
GROUND BEAMS	25 MPa
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BASES	50mm
SLABS	30mm
BEAMS	30mm
COLUMNS	30mm
GROUND BEAMS	50mm
SURFACE BED	50mm
- WORK TO FIGURED DIMENSIONS ONLY DO NOT SCALE.

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FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
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NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

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consulting structural and civil engineers

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OVERPORT 4001
TEL (031)2077252
FAX (031)2077259



public works
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	
DEPARTMENT OF PUBLIC WORKS - KZN	
USER DEPARTMENT	
DEPARTMENT OF HEALTH	
PROJECT INFORMATION	
PROJECT DESCRIPTION	

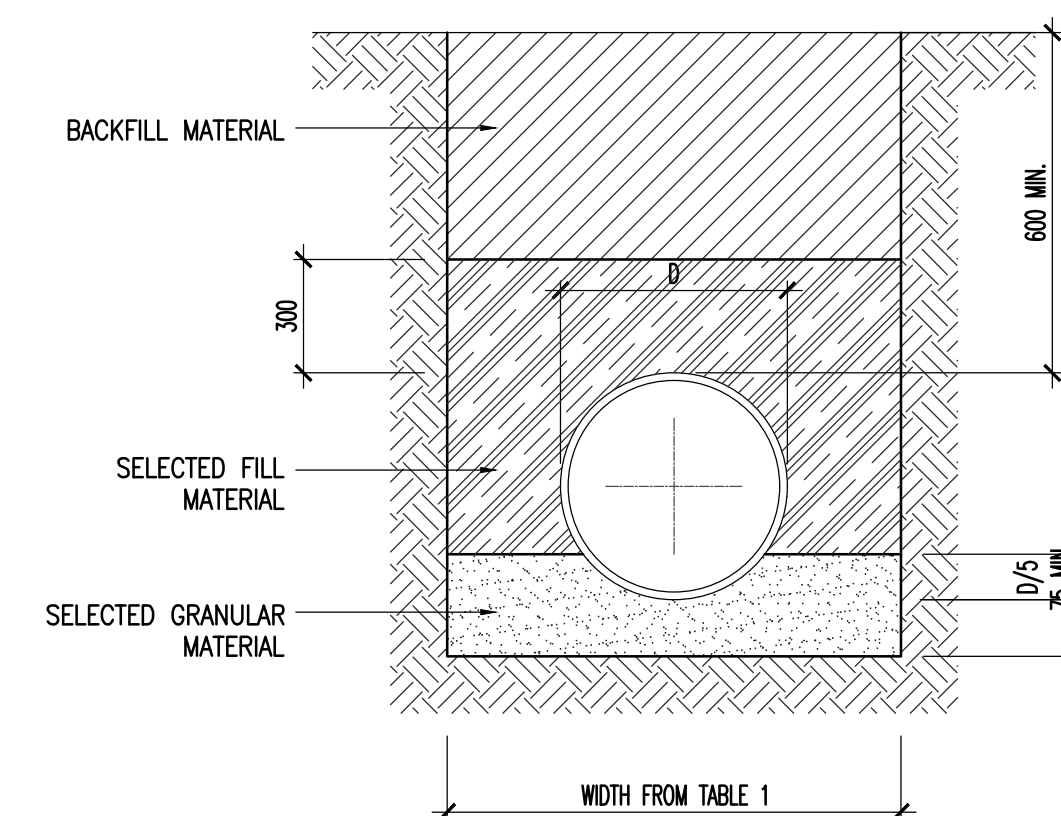
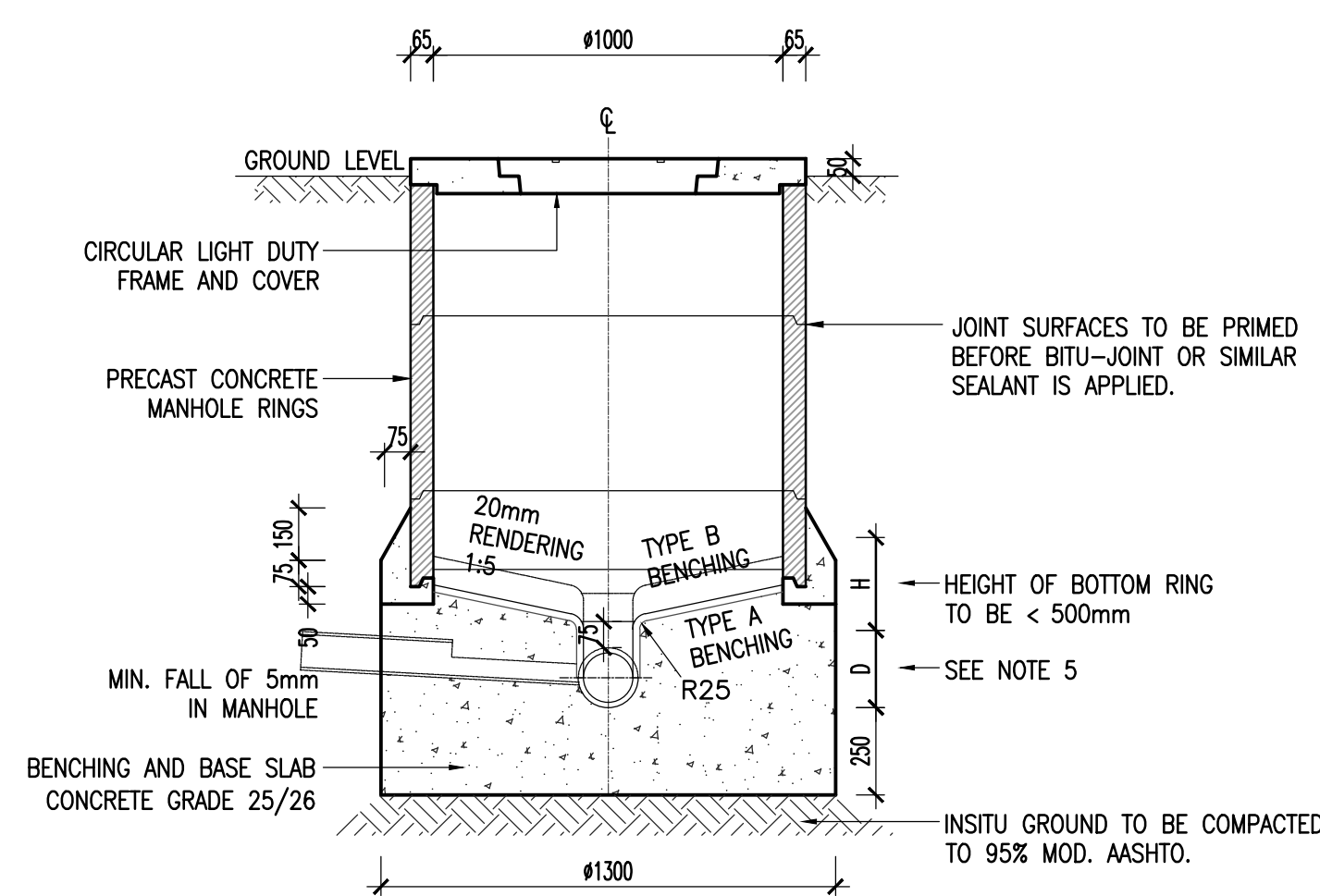
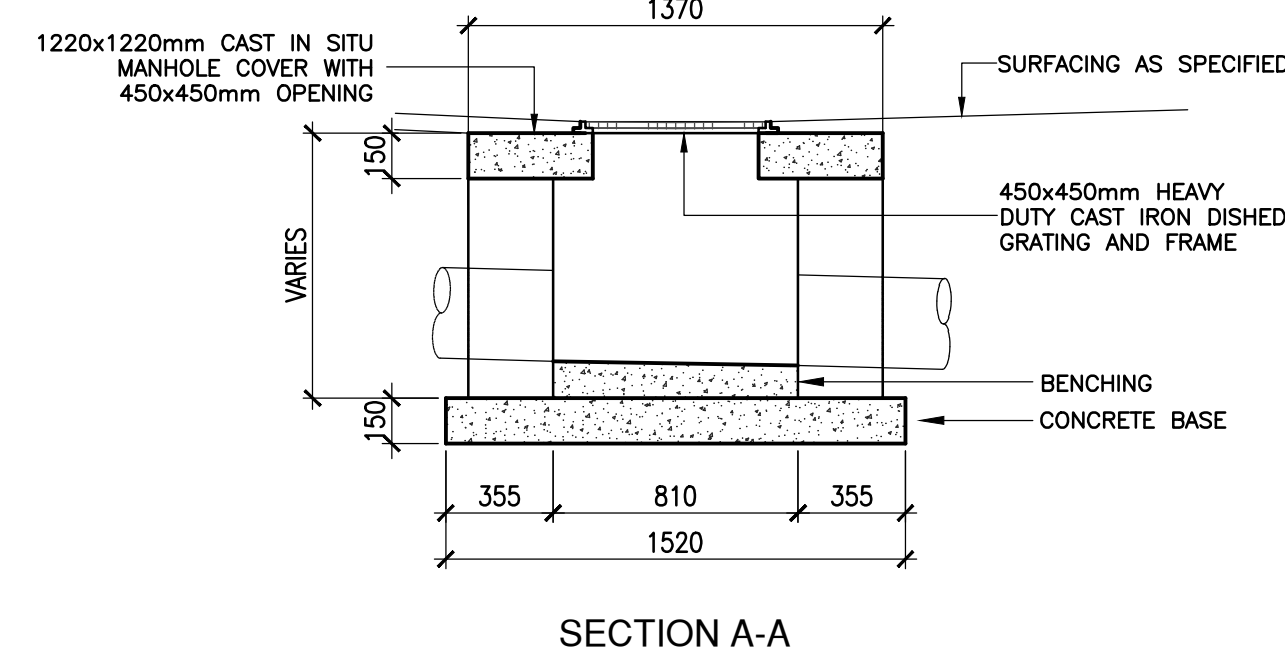
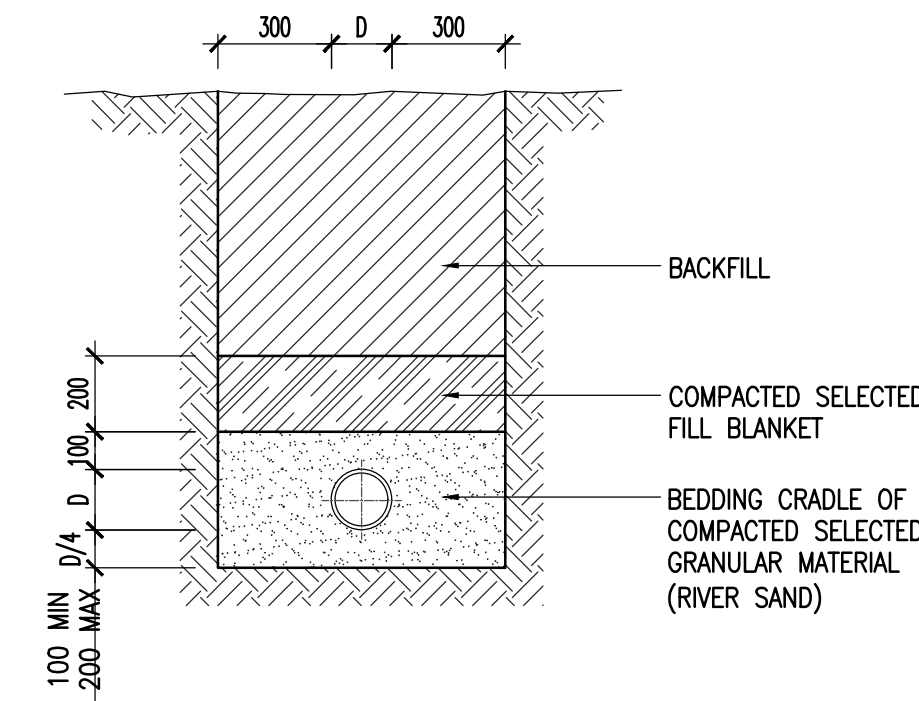
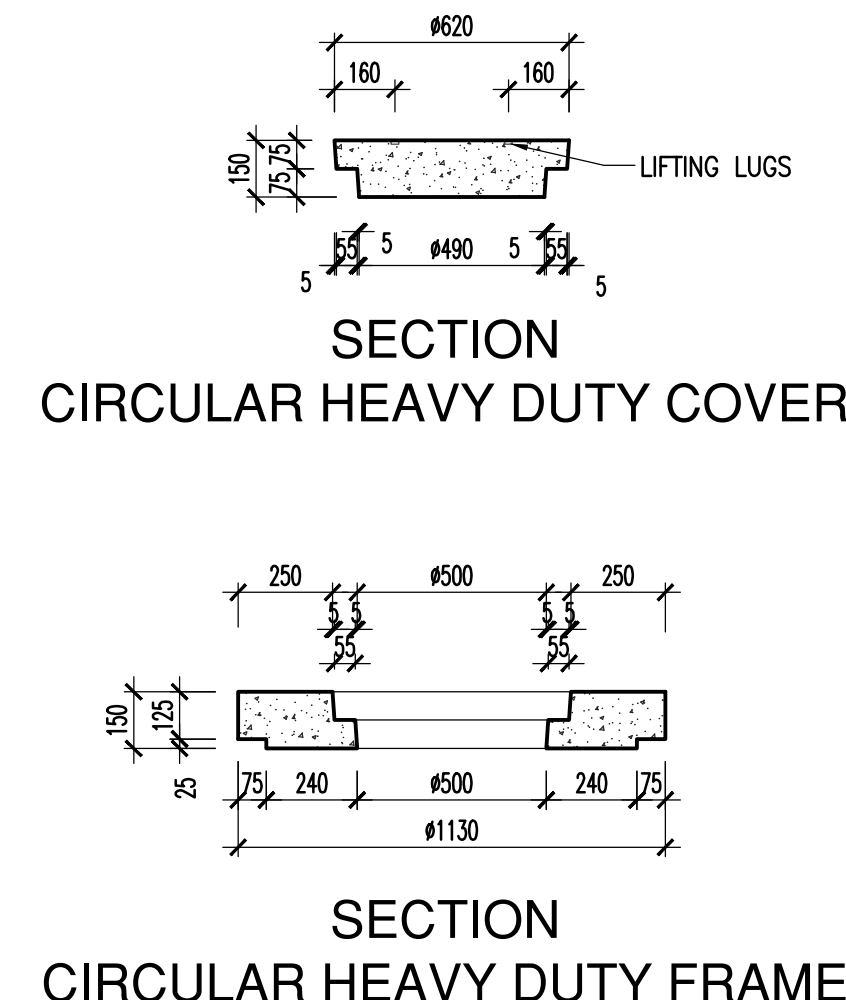
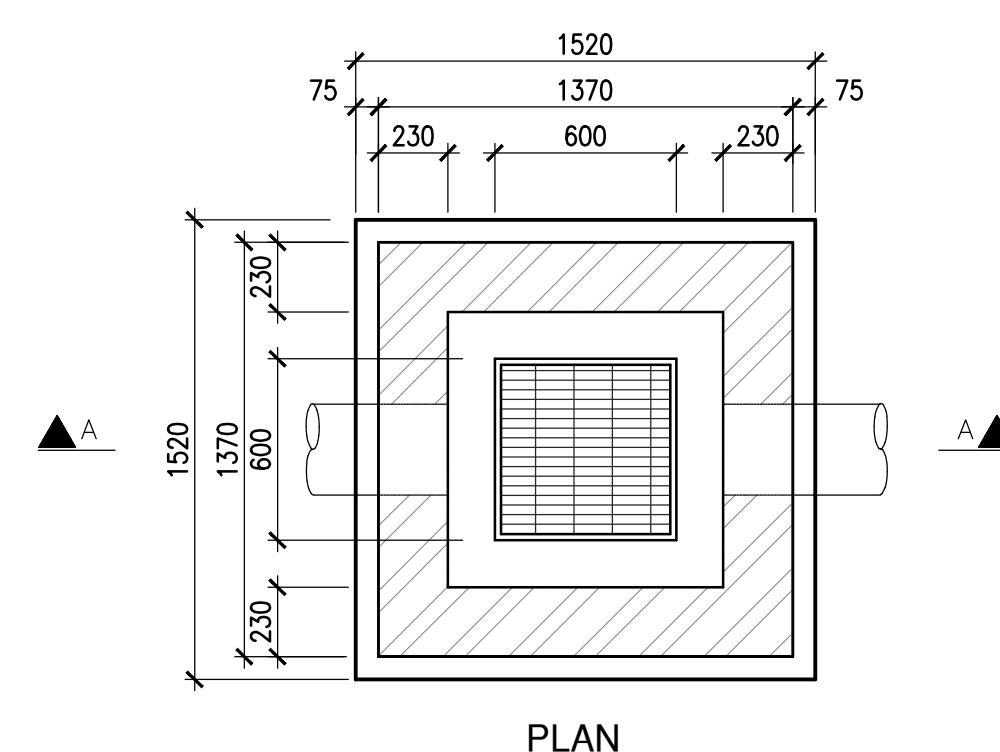
KING DINUZULU HOSPITAL
-TB COMPLEX
COMPLETION CONTRACT

SITE DESCRIPTION

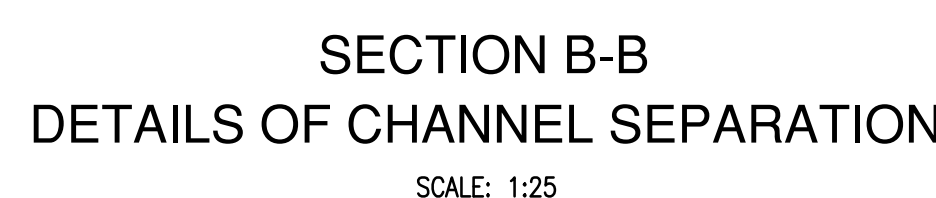
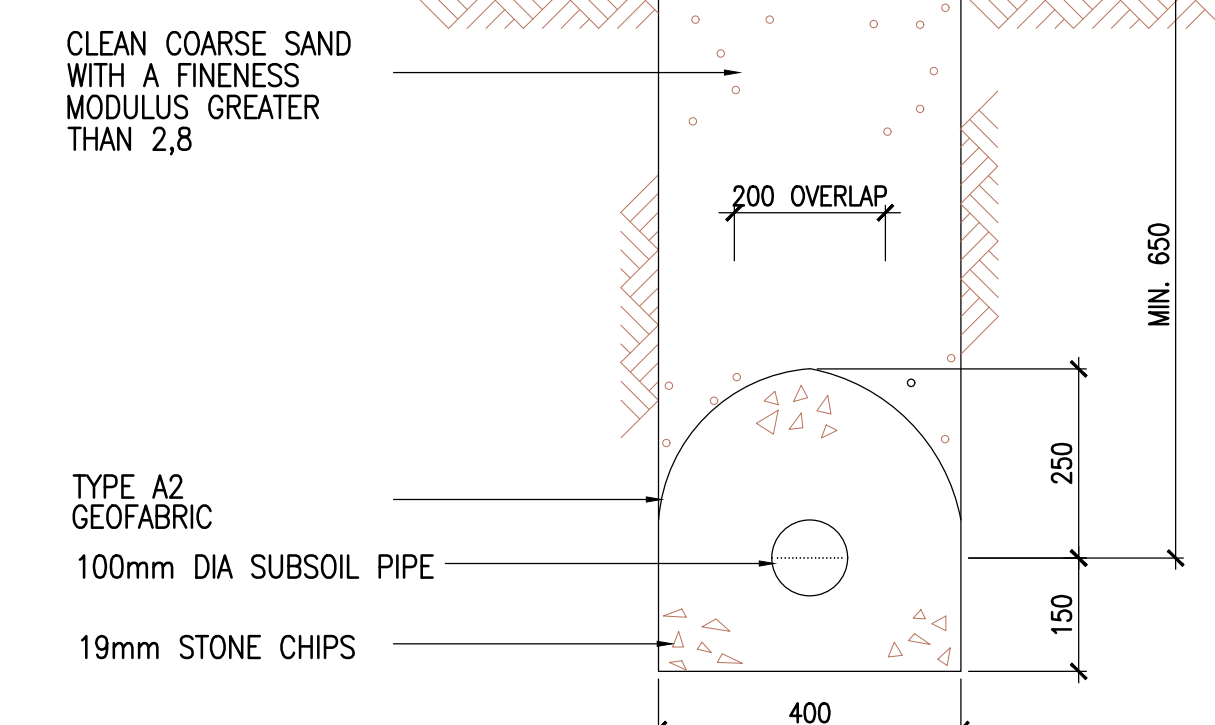
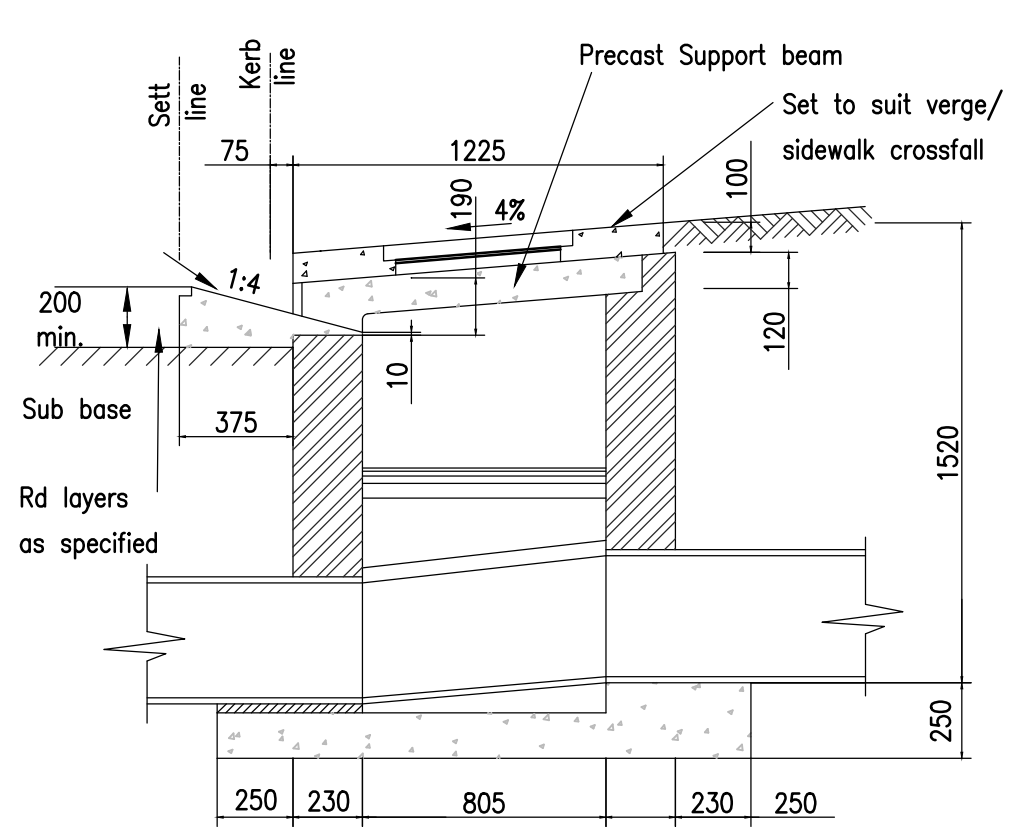
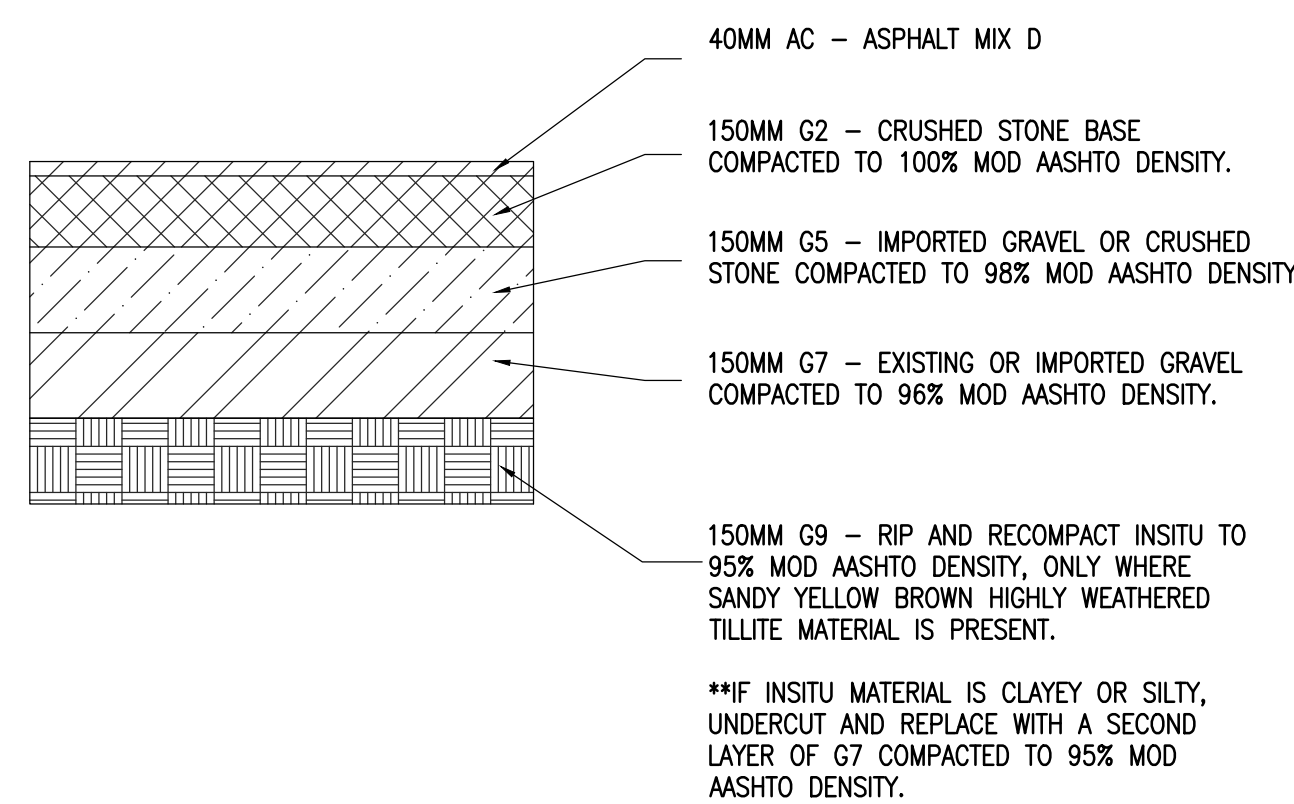
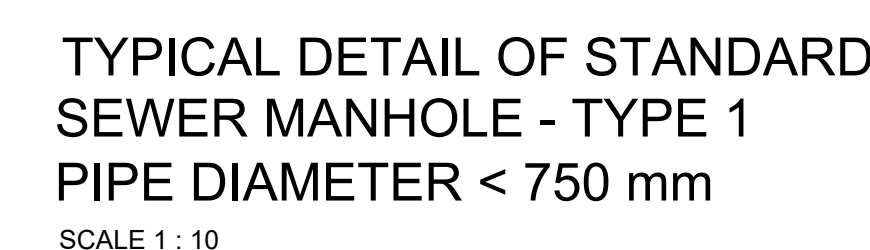
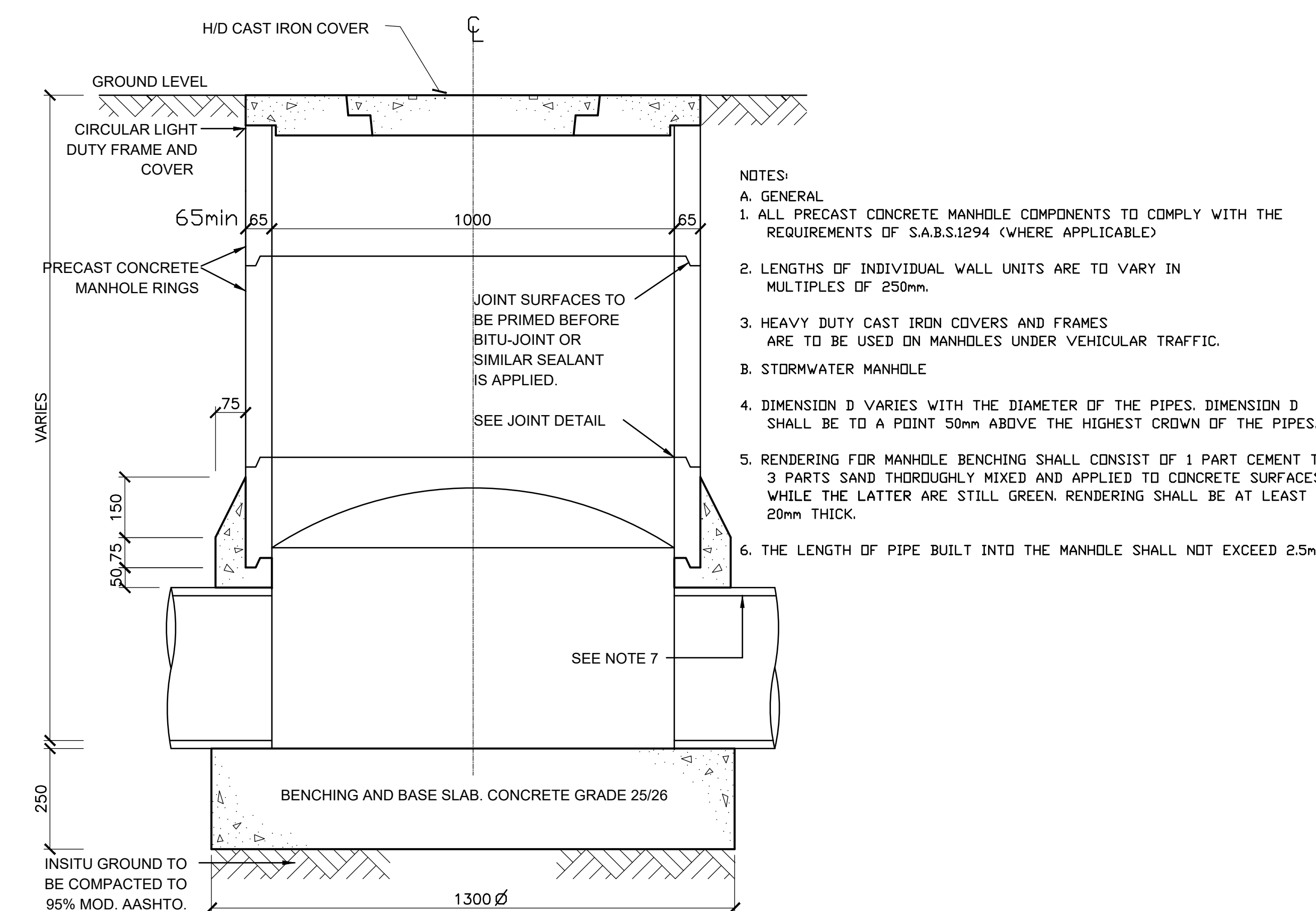
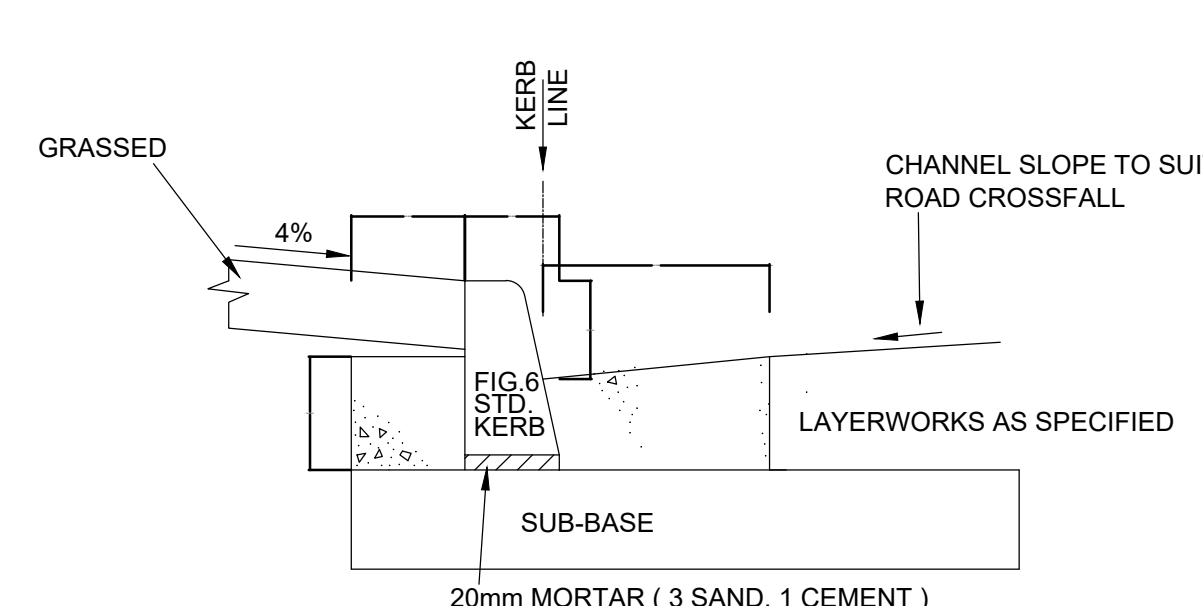
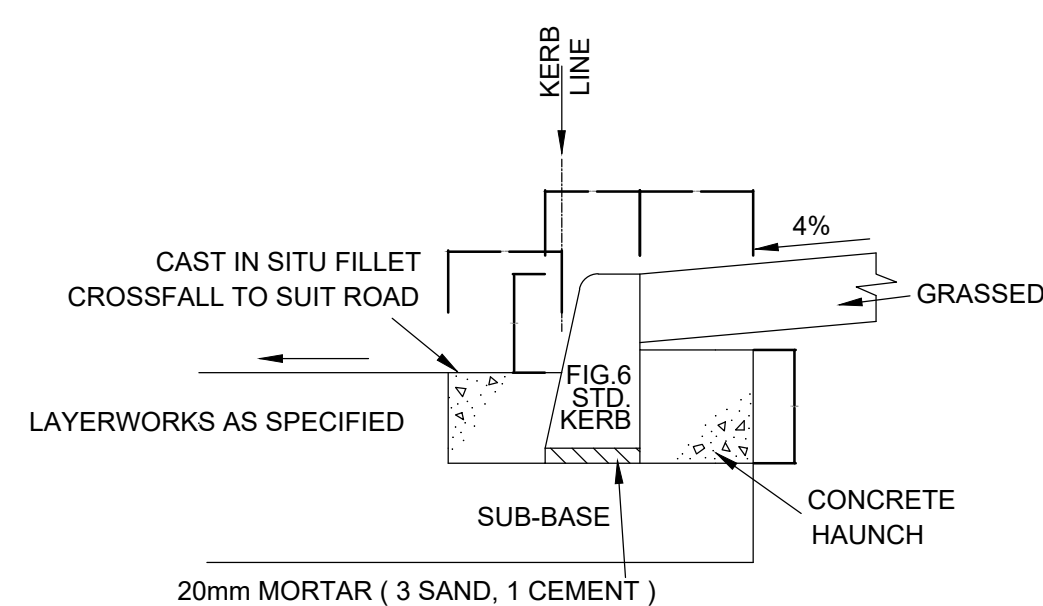
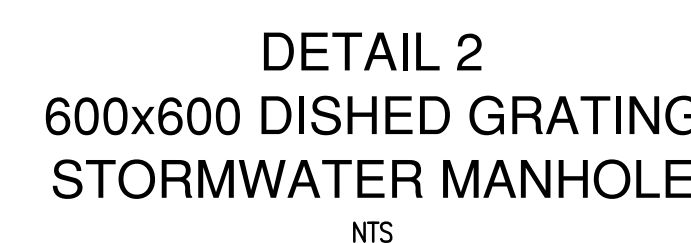
CONSOLIDATED SITE OF SUB 199, SUB TBH2, SUB 1 OF TBH, SUB 180 AND SUB TBH OF C OF THE FARM SPRINGFIELD NO. 802.

DRAWING INFORMATION		
DRAWING TITLE		
STAGE 4.2 - TENDER DETAIL A1 TYPICAL DRY STACK WALL DETAIL		
DRAWN	N.BADAT	DATE
SCALES	AS SHOWN	07/05/2019
CONSULTANT DRAWING NUMBER		REVISION
400B		T01
DOPW DRAWING NUMBER		
WIMS NO : 062709		

NOTES:			
A. GENERAL			
1. THIS SET OF NOTES SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS OF THE ENGINEER AS WELL AS ALL APPLICABLE STANDARDISED SPECIFICATIONS NOTED BELOW. THE ENGINEERS DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, CONSULTANTS AND SPECIALIST DRAWINGS. DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER PRIOR TO CONSTRUCTION. DRY STACK TO BE DESIGN AND SUPPLY ITEM			
LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN
STAMPED BY PLANS APPROVAL COMMITTEE			



PIPE DIA. (mm)	WIDTH OF TRENCH (mm)
150	750
225	825
300	900
375	975
450	1100
600	1300
750	1500



A. GENERAL

THE LIST OF NOTES SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS OF THE ENGINEER AS WELL AS ALL APPLICABLE SPECIFICATIONS AND STANDARDS. ALL RELEVANT DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND STANDARDS. SPECIAL INSTRUCTIONS SHALL BE REFERRED TO THE ENGINEER PRIOR TO CONSTRUCTION.

B. STORMWATER DRAINAGE

1. STORMWATER PIPES

- 1.1 CONCRETE PIPES CLASS 1000/1600 BENEATH PARKING AREAS AND ROADS, AND UNDER BUILDINGS.
- 1.2 JOE JOINTS UNDER NORMAL CONDITIONS.
- 1.3 SPOT/1 AND SOCKET JOINTS FOR DUCTILE IRON.
- 1.4 MINIMUM SLOPE 1/80 (1:150).
- 1.5 PIPES LAID SOUTH TO NORTH.
- 1.6 CLASS 6 B BEDDING (SANS 1000-16) FOR ALL PIPE BEDDING (BRICKS, OR USE CEMENT). (MINIMUM 300mm COVER).
- 1.7 MAXIMUM DEFLECTION (BETWEEN STRUCTURES) IS 90,0mm.
- 1.8 MINIMUM PIPE SIZE 300mm diameter.
- 1.9 COVER TO PIPES TO BE A MINIMUM OF 600mm.
- 1.10 COVER LESS THAN 600mm, STABILISE BAKITOL OR USE LIOFLOTE (OR CEMENT). (MINIMUM 300mm COVER).
- 1.11 PROVISION MUST BE MADE TO ACCOMMODATE ALL ROOF WATER.

2. STORMWATER RUN-OFF

- 2.1 PROVISION MUST BE MADE CROSSINGS WITH PIPE TRENCHES TO BE

GENERAL KERB NOTES:-

1. ALL CAST IN SITU CONCRETE IS TO BE GRADE 20 / 13.
2. THE SURFACES OF THE CAST IN SITU CHANNEL / FILLET ARE TO HAVE A STEEL CAST FINISH.
3. EXPANSION JOINTS TO BE FORMED THROUGH THE KERBING CHANNEL / FILLET AND FOUNDATIONS AT INTERVALS NOT EXCEEDING 18.0m.
4. CONTRACTION JOINTS TO BE FORMED THROUGH THE CHANNEL / FILLET AT 20m INTERVALS.
5. WHERE KERB RADIUS IS LESS THAN 25m THE KERB LENGTH SHALL BE 300mm. WHERE THE KERB RADIUS IS LESS THAN 2m THE KERBING SHALL BE CAST IN SITU.
6. PRECAST KERBS ARE TO BE LAID ON 100mm G.C.F. BETWEEN KERBS, WHICH SHALL THEN BE FILLED WITH A CEMENT MORTAR.

CLIENT DEPARTMENT SIGNATURES	
FACILITY STAMP	
FACILITY STAMP	
INFRASTRUCTURE MANAGER	
GENERAL MANAGER	
CHECKED BY PROFESSIONAL CONSULTANT	
NAME	ABDOOL SATHARIA
SIGNATURE	
DATE	

Y+S **YOUNG + SATHARIA (PTY) LTD**
consulting structural and civil engineers

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FAX (031)2077259

 **public works**
Department:
Public Works
PROVINCE OF KWAZULU-NATAL

CLIENT INFORMATION	
CLIENT NAME	DEPARTMENT OF PUBLIC WORKS - KZN
USER DEPARTMENT	DEPARTMENT OF HEALTH
PROJECT INFORMATION	
PROJECT DESCRIPTION	KING DINUZULU HOSPITAL -TB COMPLEX COMPLETION CONTRACT

SITE DESCRIPTION

CONSOLIDATED SITE OF SUB 199, SUB TBH2,
SUB 1 OF TBH, SUB 180 AND SUB TBH OF C
OF THE FARM SPRINGFIELD NO. 802

DRAWING INFORMATION	
DRAWING TITLE	STAGE 4.2 - TENDER TYPICAL DETAILS FOR CIVIL WORKS PART 1

DRAWN	N.BADAT	DATE
SCALE	AS SHOWN	05/07/2021
CONSULTANT DRAWING NUMBER		REVISION
400A		T01
COPY DRAWING NUMBER		
WIMS NO : 062709		

LIST OF REVISIONS			
NO.	DATE	DESCRIPTION	DR

STAMPED BY PLANS APPROVAL COMMITTEE

DRAWING INFORMATION		
DRAWING TITLE		
STAGE 4.2 - TENDER TYPICAL DETAILS FOR CIVIL WORKS PART 1		
DRAWN	N.BADAT	DATE
		05/07/2024

SCALES	AS SHOWN	03/07/2021
CONSULTANT DRAWING NUMBER 400A		REVISION T01
DOPW DRAWING NUMBER WIMS NO : 062709		